

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081820\
 Data File : BF121320.D
 Acq On : 18 Aug 2020 12:03
 Operator : JU/CG
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Aug 18 13:03:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 18 12:15:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	95074	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	361272	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	195437	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	372269	20.00	ng	0.00
76) Chrysene-d12	13.86	240	302864	20.00	ng	0.00
86) Perylene-d12	15.27	264	339053	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	550540	87.79	ng	0.00
7) Phenol-d6	6.34	99	700552	86.69	ng	0.00
23) Nitrobenzene-d5	7.26	82	590082	89.27	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	214804	89.27	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1083700	76.70	ng	0.00
79) Terphenyl-d14	12.81	244	1294548	83.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	122066	45.739	ng	100
3) Pyridine	2.96	79	319411	45.978	ng	98
4) n-Nitrosodimethylamine	2.91	42	130270	45.786	ng	99
6) Aniline	6.36	93	409573	42.754	ng	# 82
8) 2-Chlorophenol	6.48	128	290180	42.081	ng	98
9) Benzaldehyde	6.25	77	201125	48.295	ng	99
10) Phenol	6.35	94	353165	40.286	ng	99
11) bis(2-Chloroethyl)ether	6.44	93	282127	44.585	ng	95
12) 1,3-Dichlorobenzene	6.63	146	322988	44.329	ng	100
13) 1,4-Dichlorobenzene	6.72	146	322899	43.846	ng	99
14) 1,2-Dichlorobenzene	6.87	146	299384	43.074	ng	99
15) Benzyl Alcohol	6.85	79	217661	40.208	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	429068	47.089	ng	100
17) 2-Methylphenol	6.96	107	235822	43.294	ng	98
18) Hexachloroethane	7.21	117	121258	46.560	ng	90
19) n-Nitroso-di-n-propylamine	7.12	70	185866	41.395	ng	99
20) 3+4-Methylphenols	7.12	107	279066	40.381	ng	# 87
22) Acetophenone	7.11	105	390325	41.948	ng	# 98
24) Nitrobenzene	7.29	77	305788	42.633	ng	96
25) Isophorone	7.52	82	533893	40.228	ng	99
26) 2-Nitrophenol	7.60	139	156662	45.078	ng	97
27) 2,4-Dimethylphenol	7.65	122	221334	39.749	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	366986	49.437	ng	100
29) 2,4-Dichlorophenol	7.85	162	245139	43.051	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	276243	43.955	ng	99
31) Naphthalene	8.00	128	831623	40.916	ng	99
32) Benzoic acid	7.78	122	165707	62.135	ng	95
33) 4-Chloroaniline	8.06	127	362191	43.666	ng	98
34) Hexachlorobutadiene	8.12	225	168035	44.191	ng	99
35) Caprolactam	8.43	113	81157	47.319	ng	94
36) 4-Chloro-3-methylphenol	8.55	107	246981	42.513	ng	100
37) 2-Methylnaphthalene	8.69	142	554793	41.480	ng	98
38) 1-Methylnaphthalene	8.79	142	521152	41.153	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	268385	40.984	ng	100

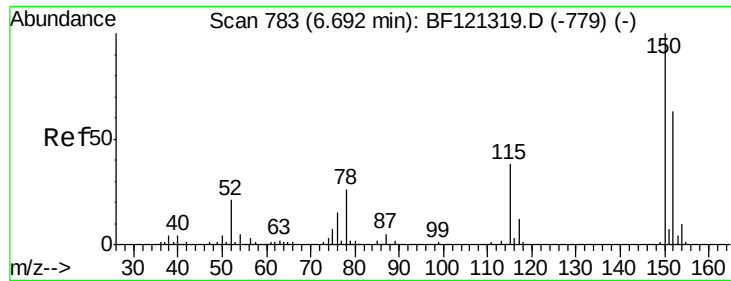
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081820\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	93368	65.657	ng	99
43) 2,4,6-Trichlorophenol	8.98	196	183468	44.053	ng	98
44) 2,4,5-Trichlorophenol	9.02	196	193301	42.732	ng	99
46) 1,1'-Biphenyl	9.16	154	675575	40.006	ng	99
47) 2-Chloronaphthalene	9.19	162	548394	42.187	ng	98
48) 2-Nitroaniline	9.29	65	172654	47.253	ng	93
49) Acenaphthylene	9.60	152	828494	40.127	ng	100
50) Dimethylphthalate	9.47	163	650459	44.230	ng	99
51) 2,6-Dinitrotoluene	9.53	165	140869	42.971	ng	94
52) Acenaphthene	9.77	154	502670	41.121	ng	99
53) 3-Nitroaniline	9.70	138	172824	46.172	ng	92
54) 2,4-Dinitrophenol	9.81	184	72266	74.471	ng	99
55) Dibenzofuran	9.95	168	737603	37.891	ng	97
56) 4-Nitrophenol	9.87	139	111875	46.314	ng	99
57) 2,4-Dinitrotoluene	9.93	165	180386	41.929	ng	97
58) Fluorene	10.29	166	562109	38.146	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	163731	45.778	ng	99
60) Diethylphthalate	10.16	149	659387	44.092	ng	99
61) 4-Chlorophenyl-phenylether	10.28	204	283406	39.544	ng	97
62) 4-Nitroaniline	10.32	138	181896	48.469	ng	100
63) Azobenzene	10.44	77	604563	40.459	ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	98847	47.929	ng	89
66) n-Nitrosodiphenylamine	10.40	169	525441	41.164	ng	99
67) 4-Bromophenyl-phenylether	10.77	248	193895	44.652	ng	98
68) Hexachlorobenzene	10.83	284	223557	45.147	ng	99
69) Atrazine	10.93	200	174354	45.666	ng	99
70) Pentachlorophenol	11.03	266	107752	59.052	ng	99
71) Phenanthrene	11.25	178	867102	40.714	ng	99
72) Anthracene	11.30	178	860501	40.263	ng	99
73) Carbazole	11.46	167	821965	39.326	ng	99
74) Di-n-butylphthalate	11.79	149	1078573	45.717	ng	99
75) Fluoranthene	12.43	202	975787	41.147	ng	99
77) Benzidine	12.56	184	464427	58.331	ng	100
78) Pyrene	12.66	202	999577	44.320	ng	100
80) Butylbenzylphthalate	13.29	149	469646	50.979	ng	96
81) Benzo(a)anthracene	13.85	228	817440	39.794	ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	348243	42.729	ng	98
83) Chrysene	13.89	228	891899	42.526	ng	99
84) Bis(2-ethylhexyl)phthalate	13.85	149	573403	45.157	ng	99
85) Di-n-octyl phthalate	14.46	149	1156624	49.680	ng	100
87) Indeno(1,2,3-cd)pyrene	16.64	276	1094789	43.430	ng	100
88) Benzo(b)fluoranthene	14.87	252	948843	41.767	ng	99
89) Benzo(k)fluoranthene	14.90	252	873681	41.414	ng	99
90) Benzo(a)pyrene	15.22	252	869802	42.420	ng	99
91) Dibenzo(a,h)anthracene	16.66	278	889964	41.202	ng	99
92) Benzo(g,h,i)perylene	17.06	276	900787	42.259	ng	100

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

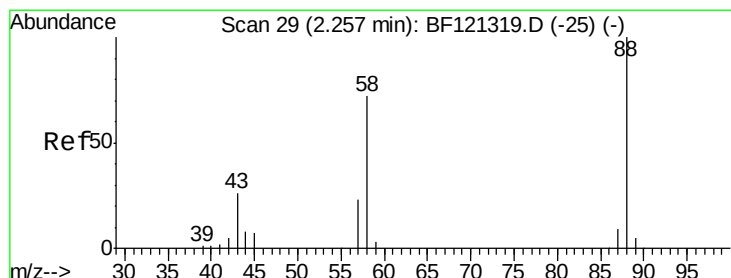
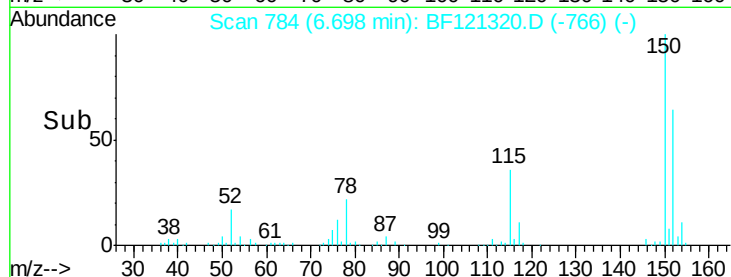
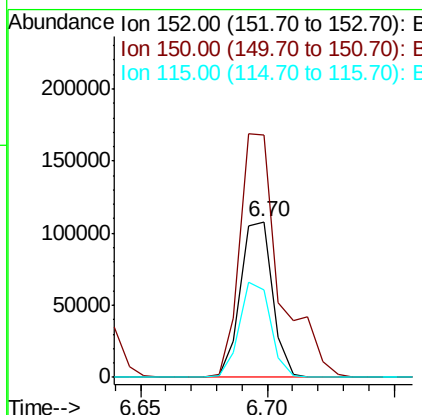
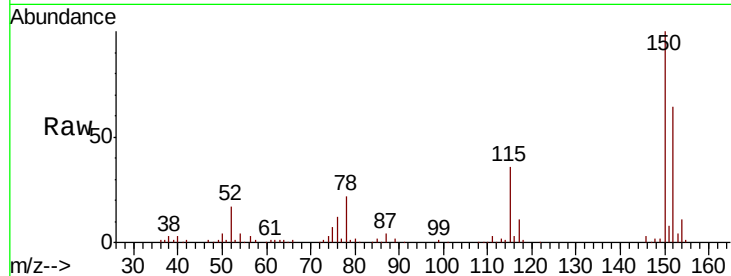


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

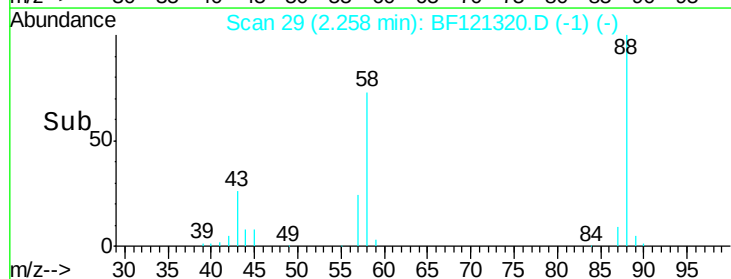
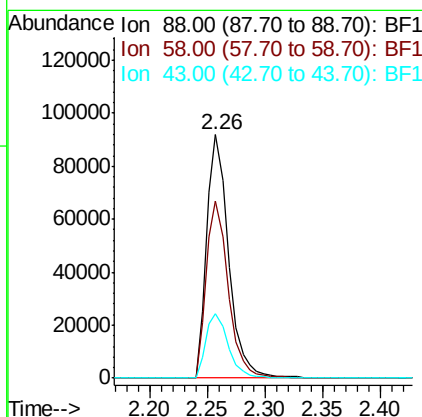
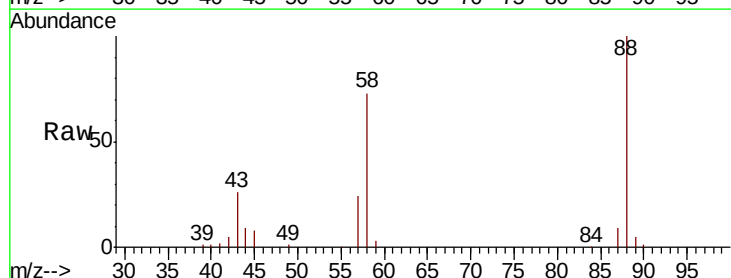
Tot Ion:152 Resp: 95074
 Ion Ratio Lower Upper
 152 100
 150 155.8 127.4 191.2
 115 56.7 49.0 73.6

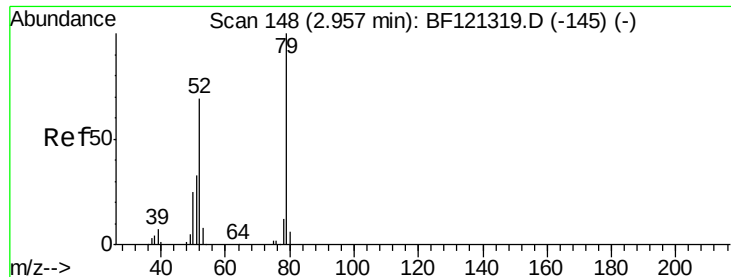


#2

1,4-Dioxane
 Concen: 45.739 ng
 RT: 2.26 min Scan# 29
 Delta R.T. 0.00 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

Tgt Ion: 88 Resp: 122066
 Ion Ratio Lower Upper
 88 100
 58 73.0 58.3 87.5
 43 27.1 22.0 33.0





#3

Pvridine

Concen: 45.978 ng

RT: 2.96 min Scan# 148

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

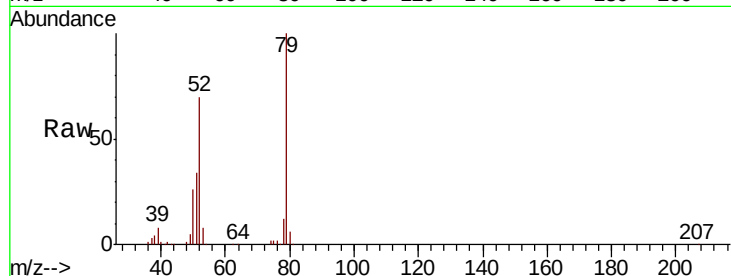
Tot Ion: 79 Resp: 319411

Ion Ratio Lower Upper

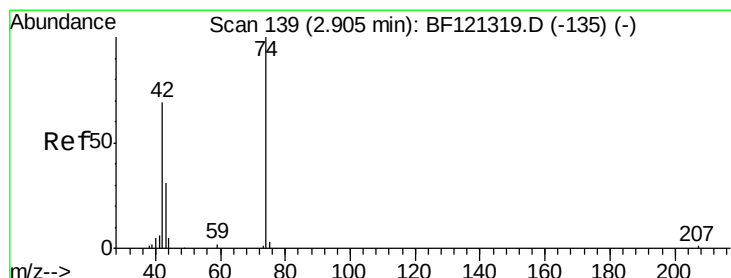
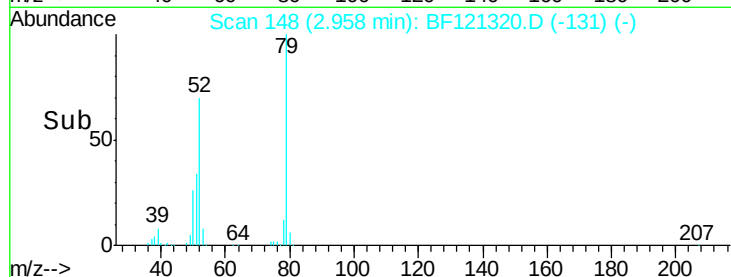
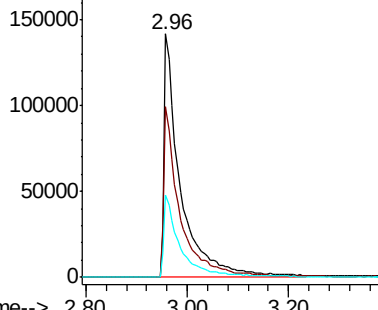
79 100

52 70.2 55.0 82.6

51 33.6 26.2 39.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 45.786 ng

RT: 2.91 min Scan# 140

Delta R.T. 0.01 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

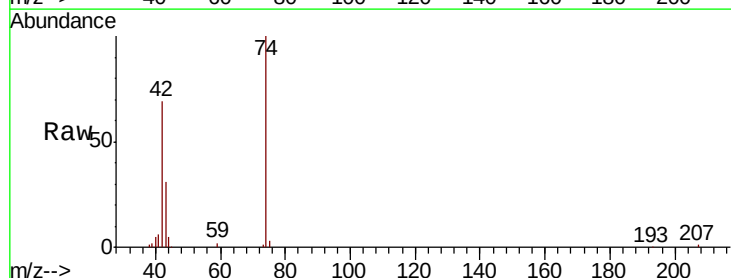
Tgt Ion: 42 Resp: 130270

Ion Ratio Lower Upper

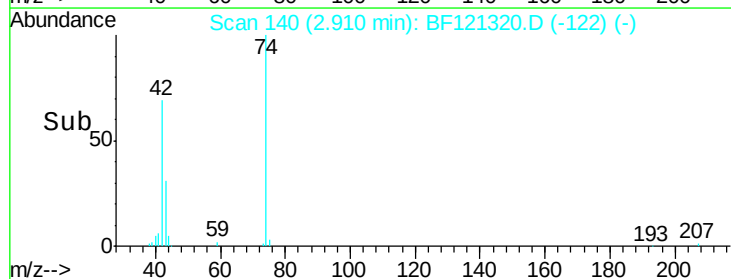
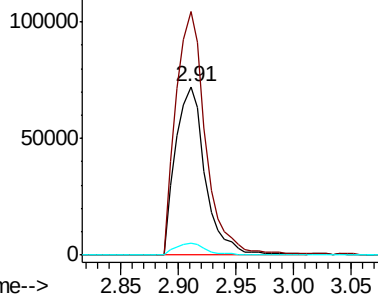
42 100

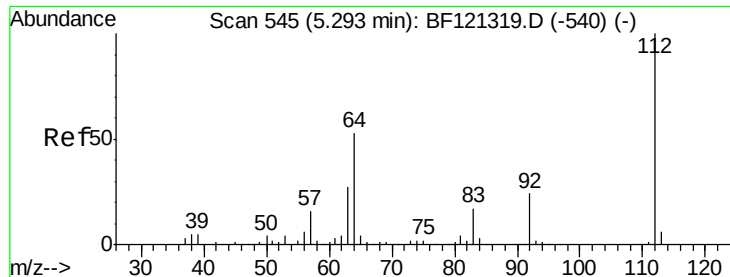
74 144.7 115.2 172.8

44 7.3 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 87.790 ng

RT: 5.29 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

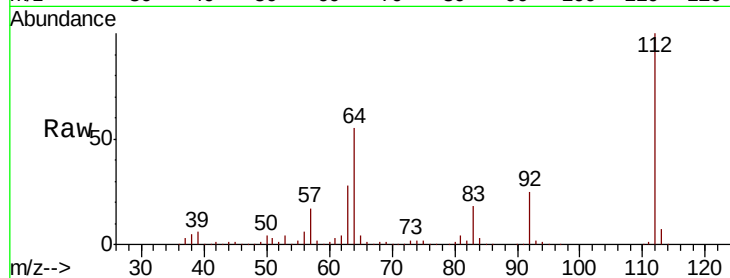
Tot Ion:112 Resp: 550540

Ion Ratio Lower Upper

112 100

64 54.8 42.6 64.0

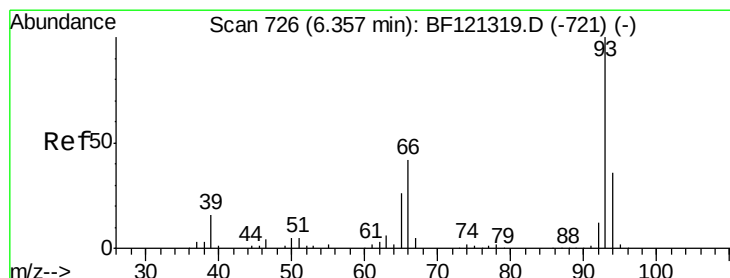
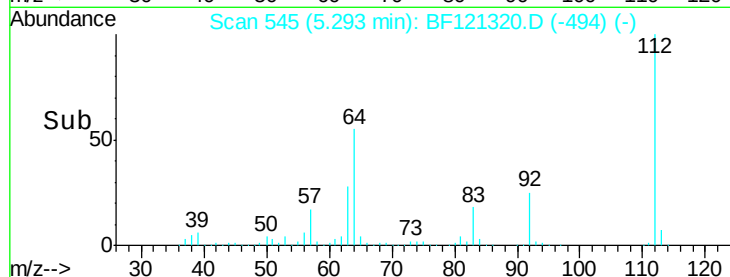
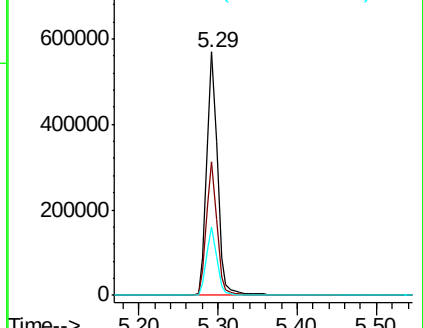
63 27.8 21.4 32.0



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: 42.754 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

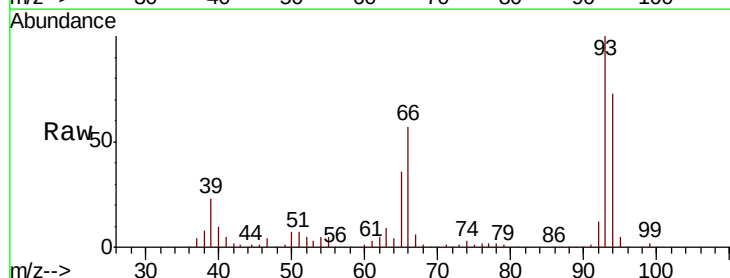
Tgt Ion: 93 Resp: 409573

Ion Ratio Lower Upper

93 100

66 56.7 36.2 54.4#

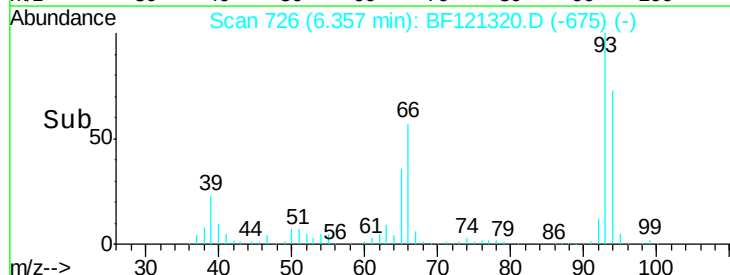
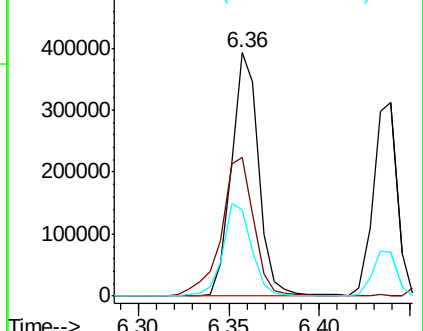
65 35.6 21.0 31.6#

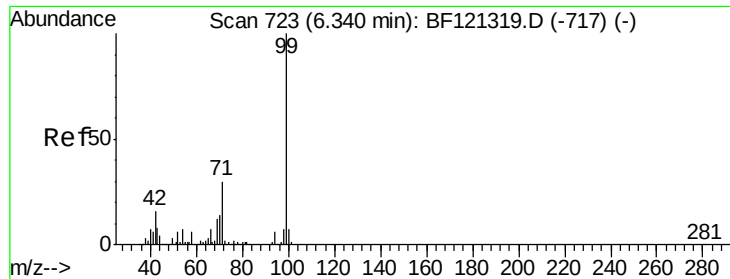


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.689 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

Instrument :

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ClientSampleId :

SSTDICC050

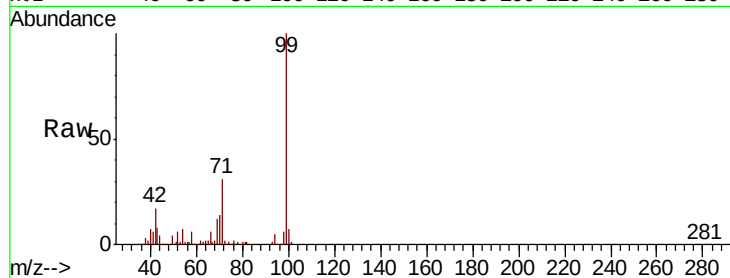
Tot Ion: 99 Resp: 700552

Ion Ratio Lower Upper

99 100

42 16.8 13.2 19.8

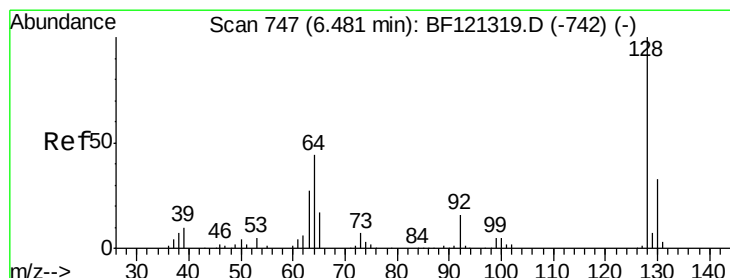
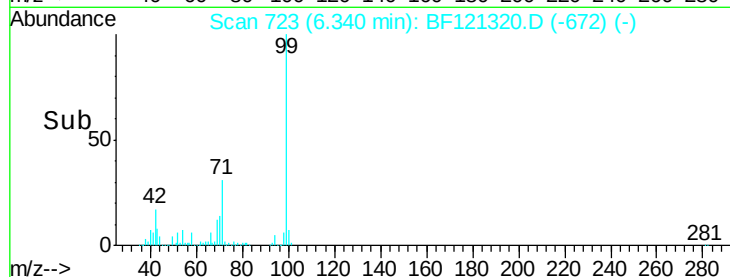
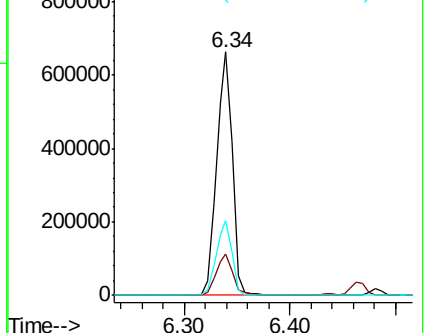
71 30.7 24.0 36.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.081 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

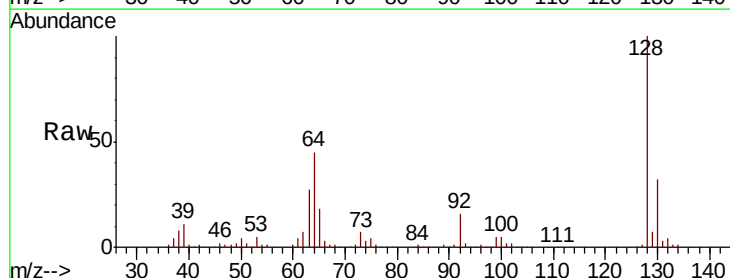
Tgt Ion: 128 Resp: 290180

Ion Ratio Lower Upper

128 100

130 31.7 12.9 52.9

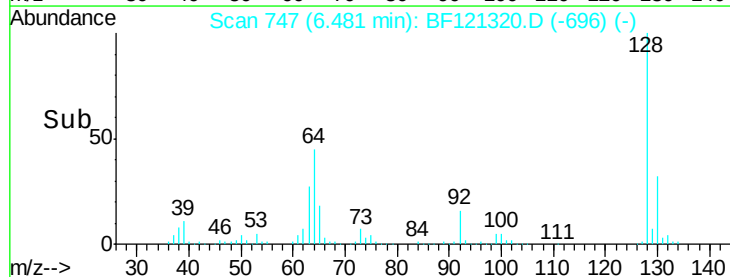
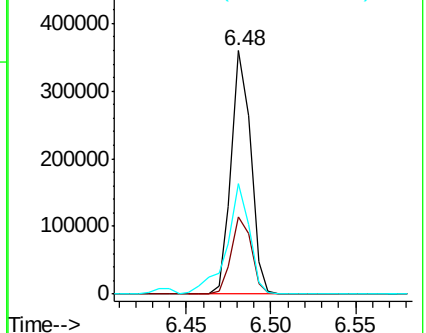
64 45.2 24.3 64.3

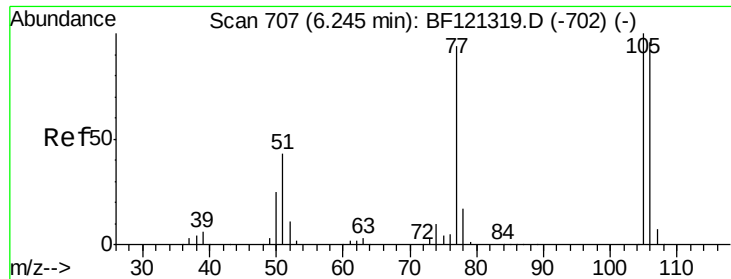


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 48.295 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

Instrument :

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ClientSampleId :

SSTDIC050

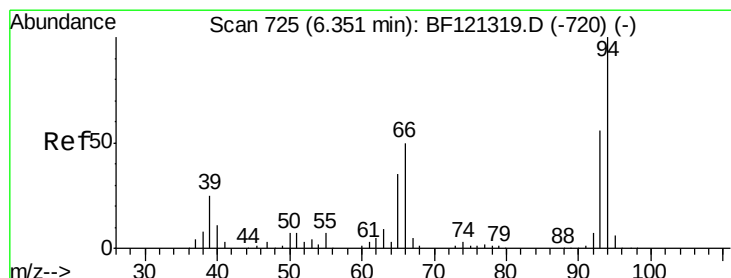
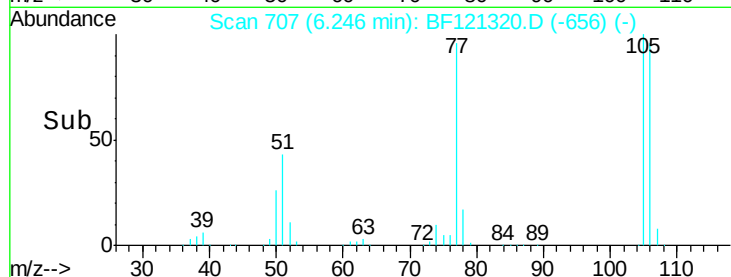
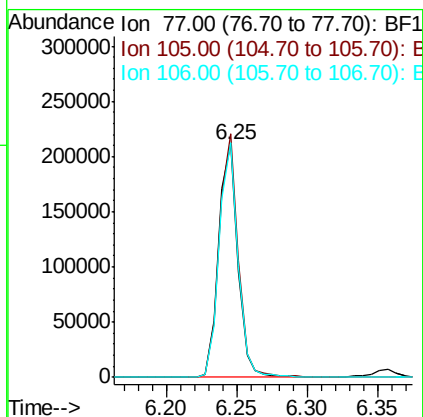
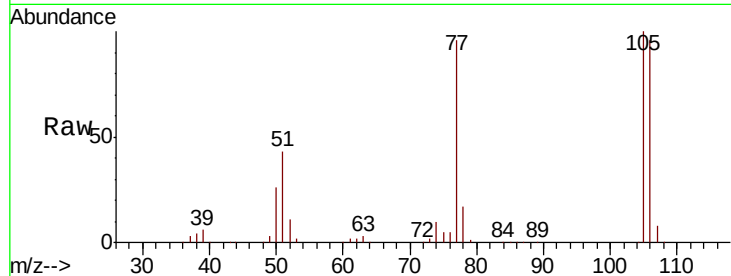
Tot Ion: 77 Resp: 201125

Ion Ratio Lower Upper

77 100

105 104.5 85.9 125.9

106 100.7 82.1 122.1



#10

Phenol

Concen: 40.286 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

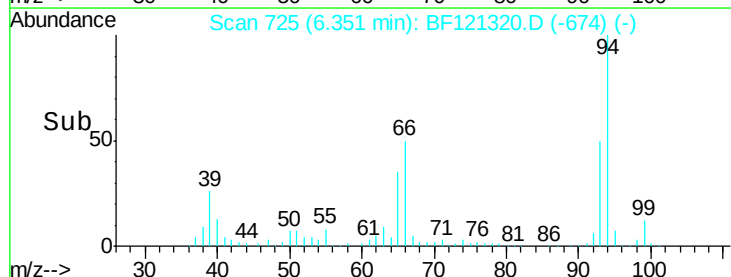
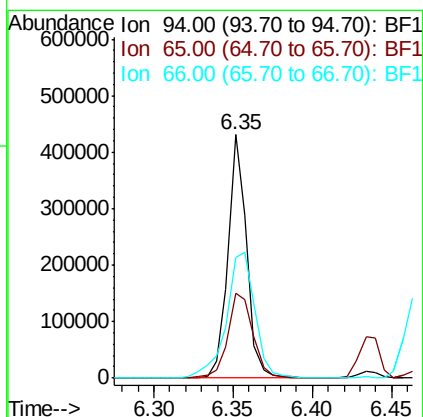
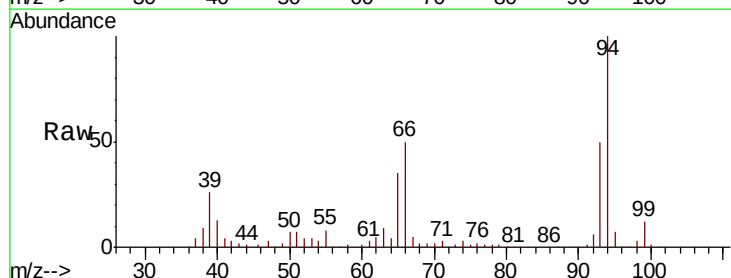
Tgt Ion: 94 Resp: 353165

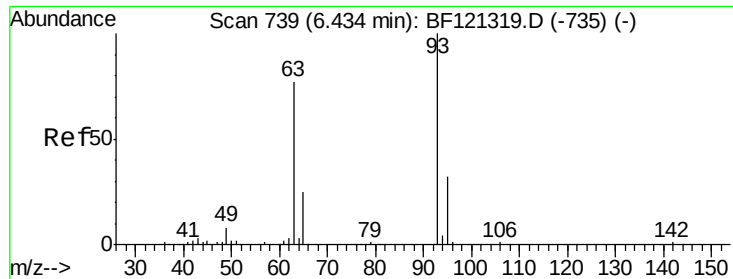
Ion Ratio Lower Upper

94 100

65 34.9 15.0 55.0

66 49.7 31.0 71.0

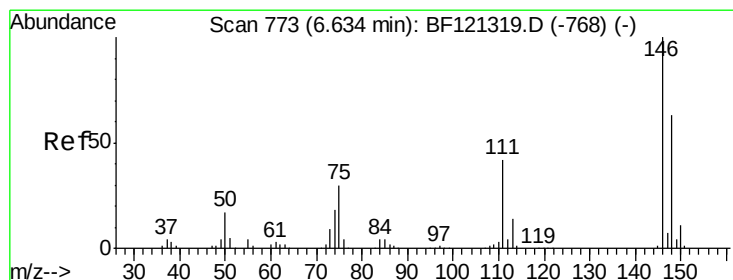
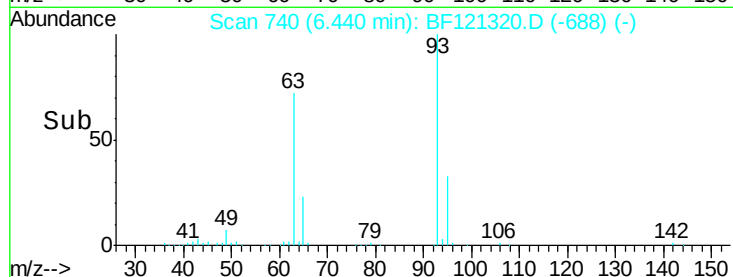
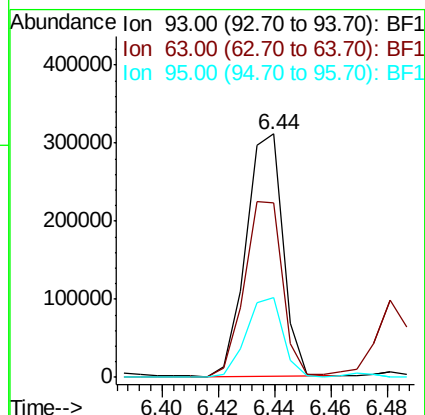
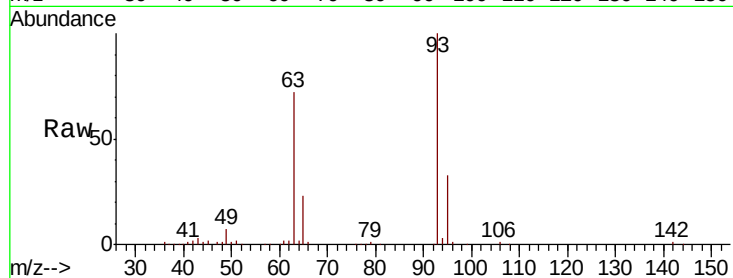




#11
bis(2-Chloroethyl)ether
Concen: 44.585 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF121320.D
Acq: 18 Aug 2020 12:03

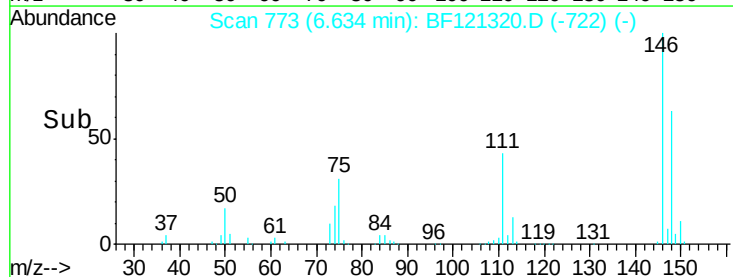
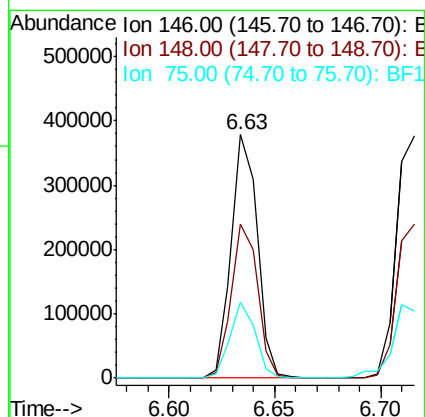
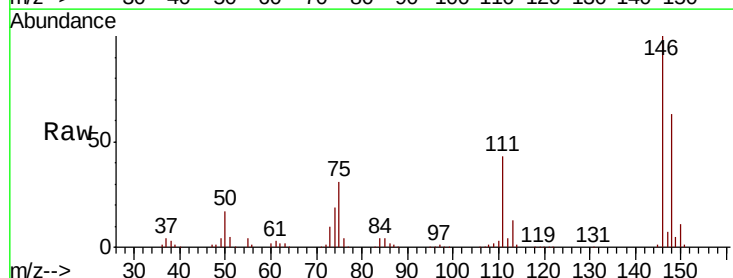
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

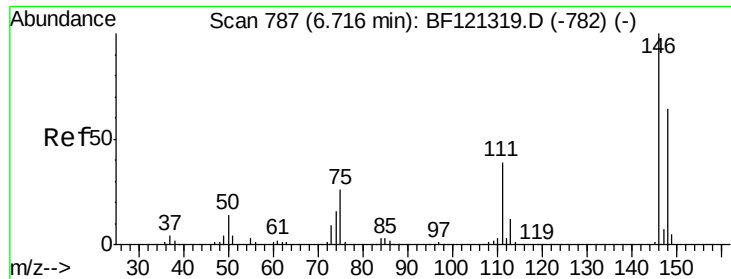
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.8	56.8	96.8
95	32.8	12.0	52.0



#12
1,3-Dichlorobenzene
Concen: 44.329 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF121320.D
Acq: 18 Aug 2020 12:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	76.0
75	31.1	24.4	36.6

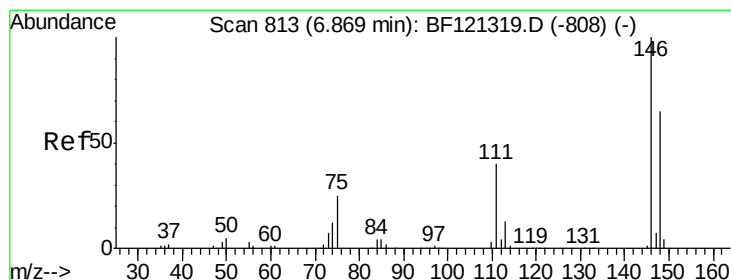
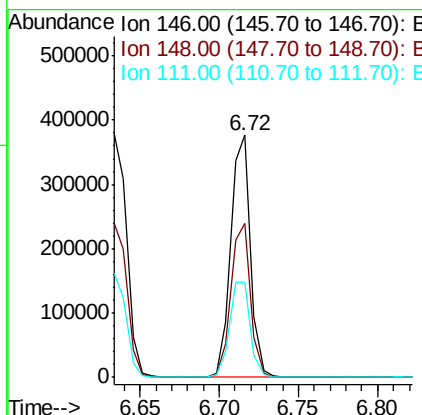
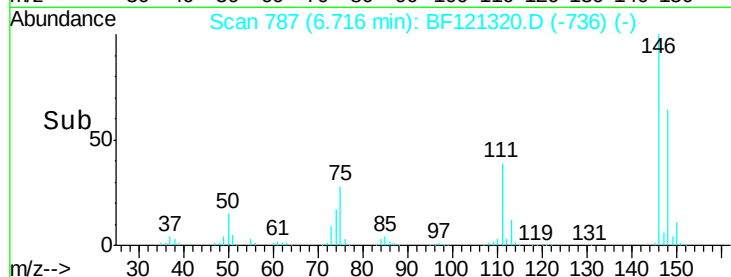
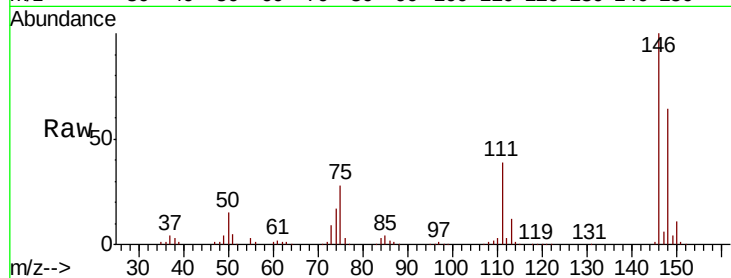




#13
 1,4-Dichlorobenzene
 Concen: 43.846 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

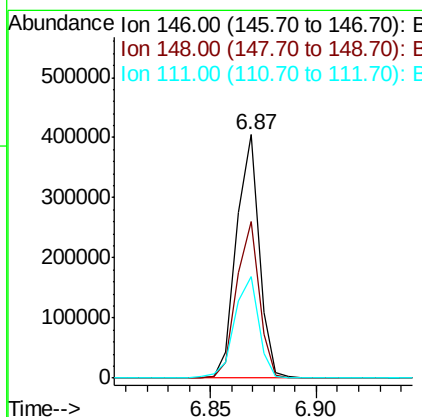
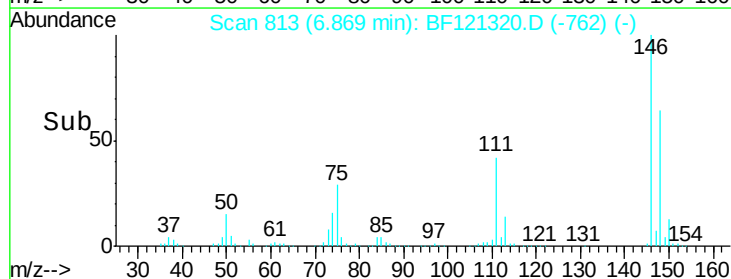
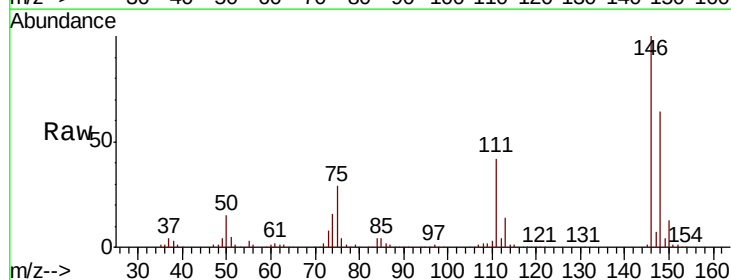
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

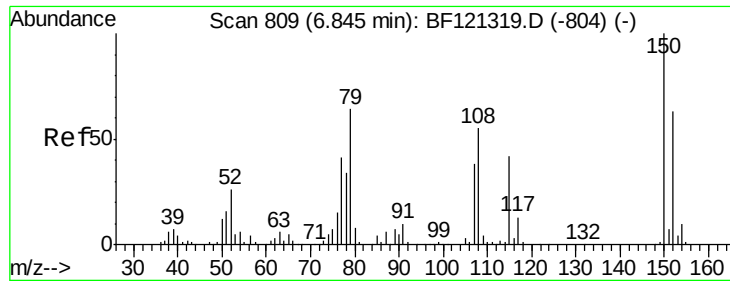
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.2	76.8
111	39.4	31.0	46.6



#14
 1,2-Dichlorobenzene
 Concen: 43.074 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.7	77.5
111	41.5	32.3	48.5

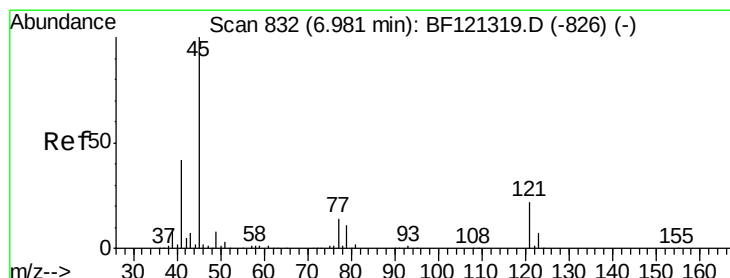
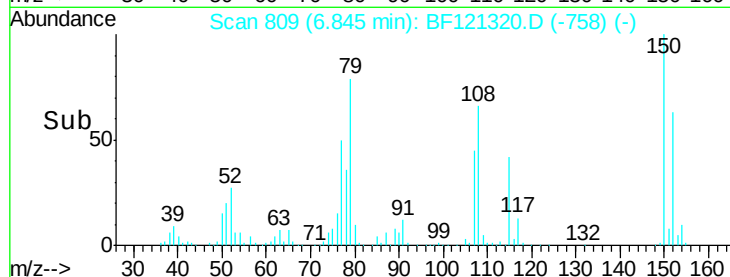
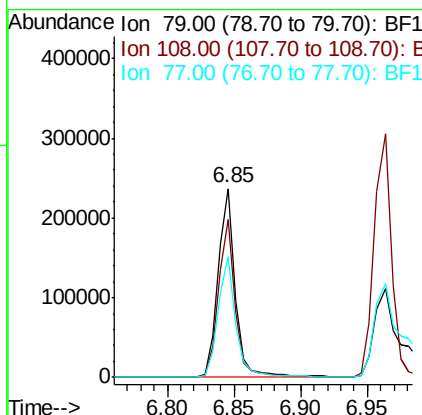
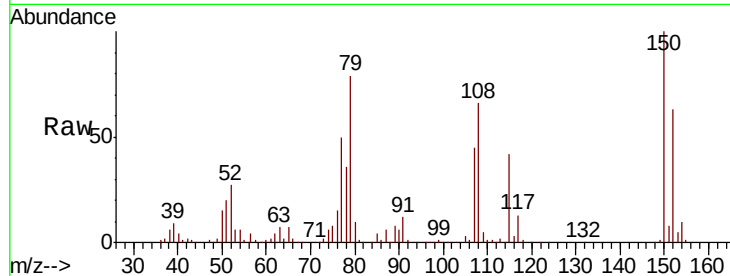




#15
Benzyl Alcohol
Concen: 40.208 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF121320.D
Acq: 18 Aug 2020 12:03

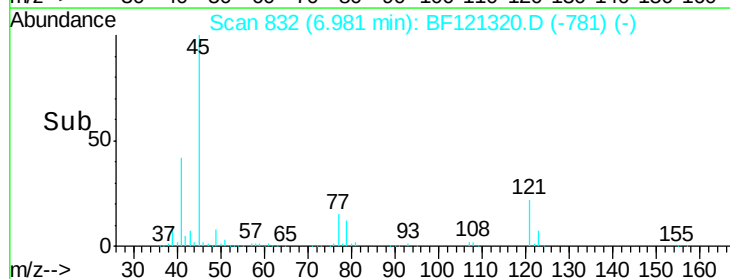
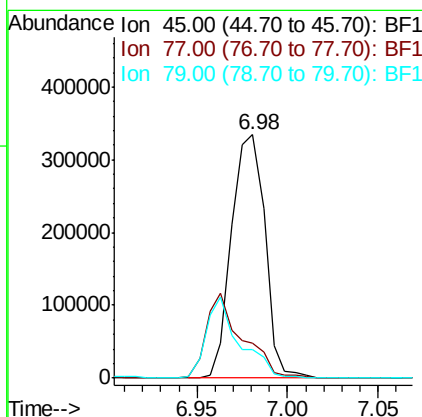
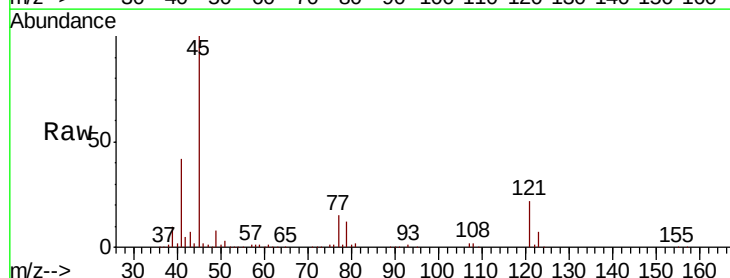
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

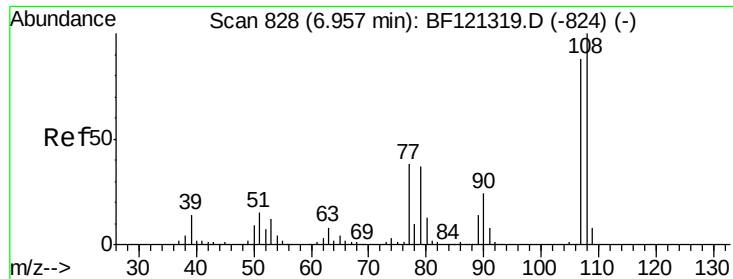
Tot Ion: 79 Resp: 217661
Ion Ratio Lower Upper
79 100
108 83.7 68.6 103.0
77 63.9 51.3 76.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 47.089 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF121320.D
Acq: 18 Aug 2020 12:03

Tgt Ion: 45 Resp: 429068
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.6
79 11.5 0.0 31.4

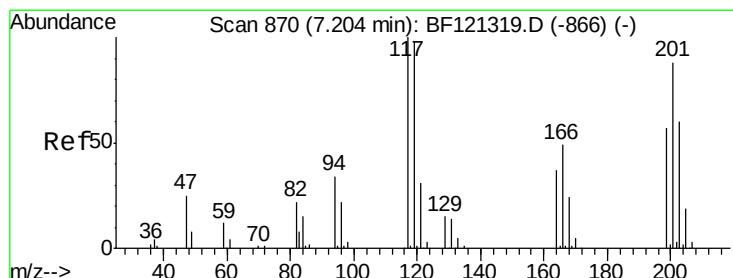
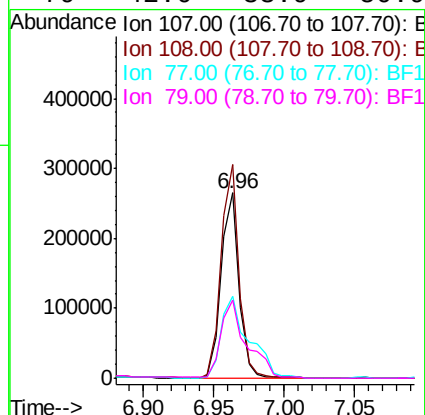
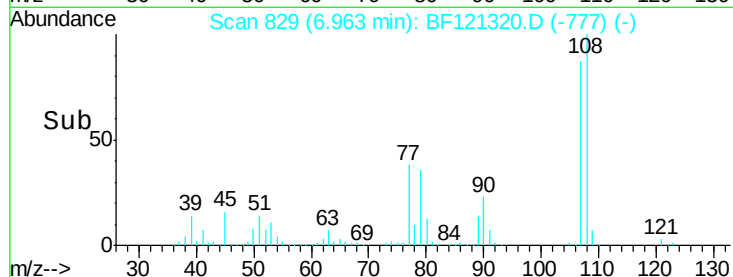
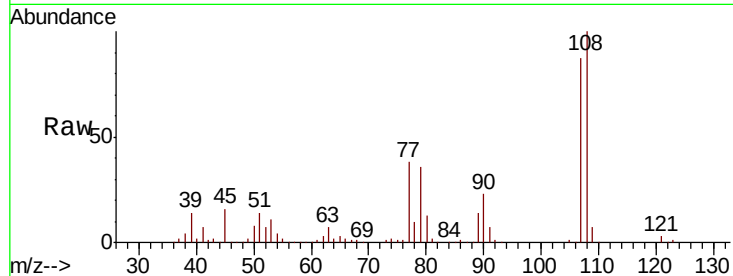




#17
2-Methylphenol
Concen: 43.294 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF121320.D
Acq: 18 Aug 2020 12:03

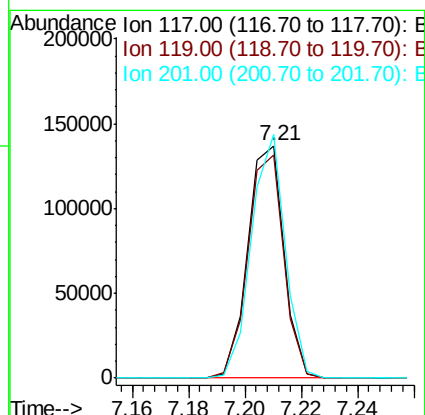
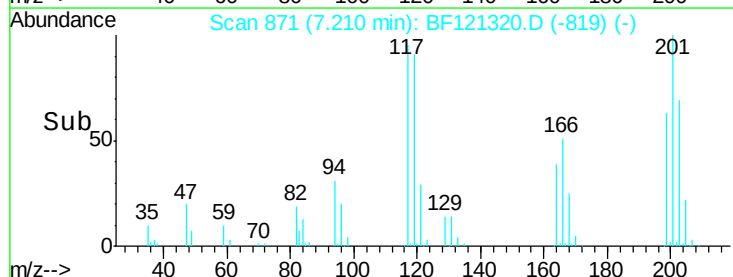
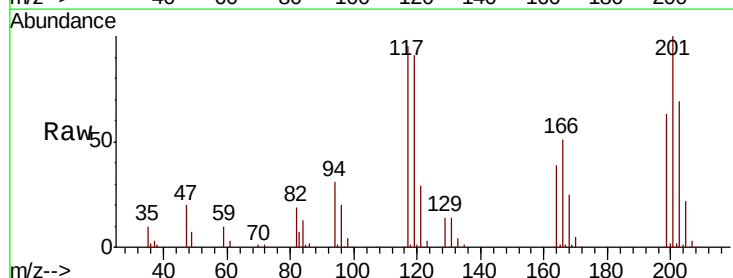
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

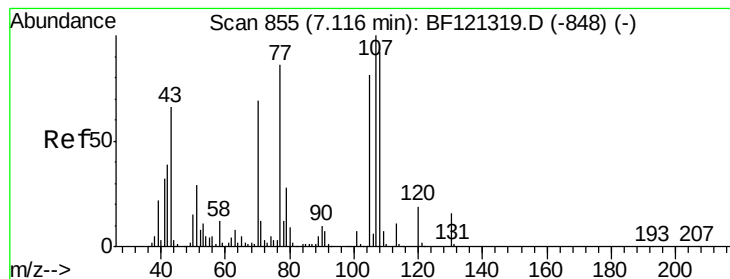
Tot Ion:	107	Resp:	235822
Ion	Ratio	Lower	Upper
107	100		
108	115.3	90.7	136.1
77	44.3	34.4	51.6
79	42.0	33.9	50.9



#18
Hexachloroethane
Concen: 46.560 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF121320.D
Acq: 18 Aug 2020 12:03

Tgt Ion:	117	Resp:	121258
Ion	Ratio	Lower	Upper
117	100		
119	95.9	78.2	117.2
201	104.9	70.5	105.7





#19

n-Nitroso-di-n-propylamine

Concen: 41.395 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 70 Resp: 185866

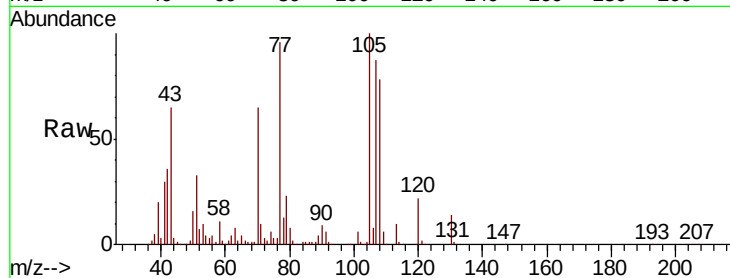
Ion Ratio Lower Upper

70 100

42 56.3 44.5 66.7

101 9.5 7.6 11.4

130 21.8 18.6 27.8



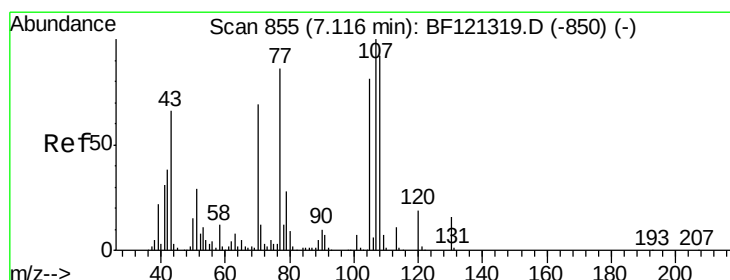
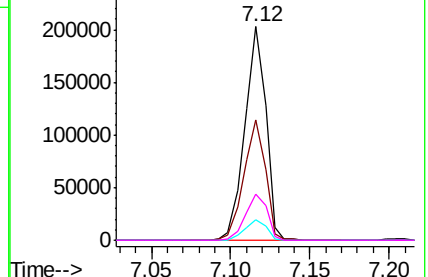
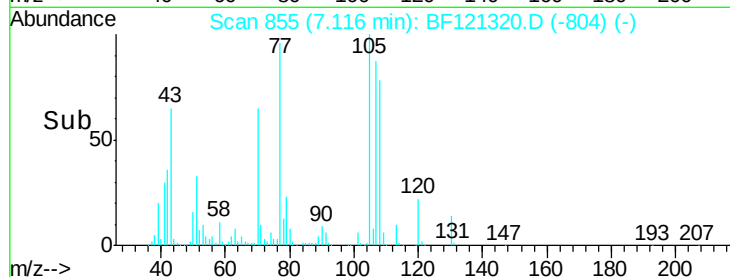
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Time-->



#20

3+4-Methylphenols

Concen: 40.381 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

Tgt Ion:107 Resp: 279066

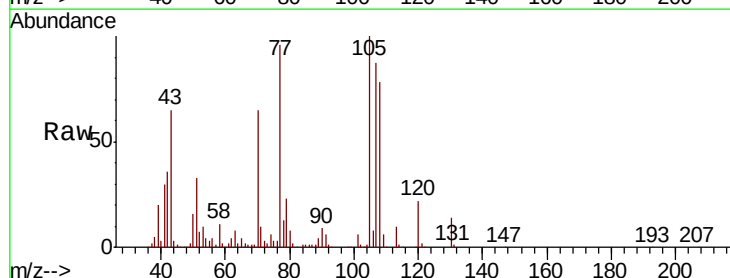
Ion Ratio Lower Upper

107 100

108 89.4 71.7 111.7

77 110.5 65.6 105.6#

79 26.3 8.0 48.0



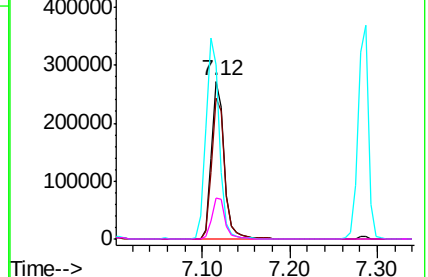
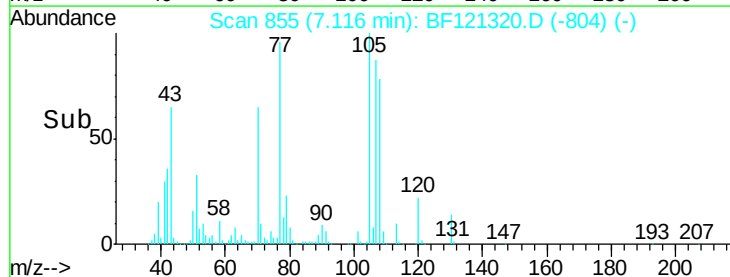
Abundance Ion 107.00 (106.70 to 107.70): BF1

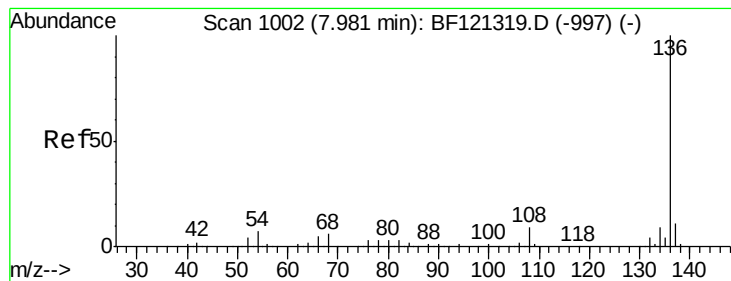
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:136 Resp: 361272

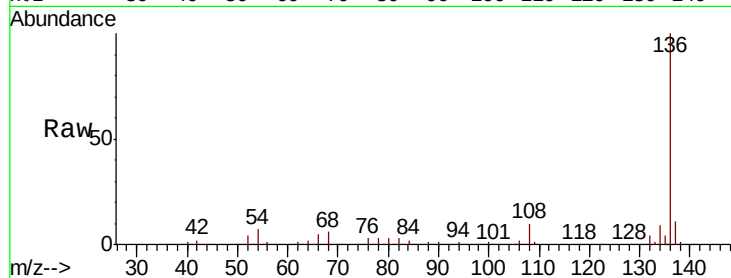
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.2 5.8 8.6

68 5.7 4.6 7.0

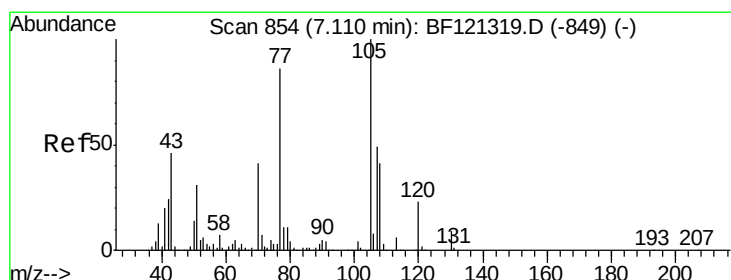
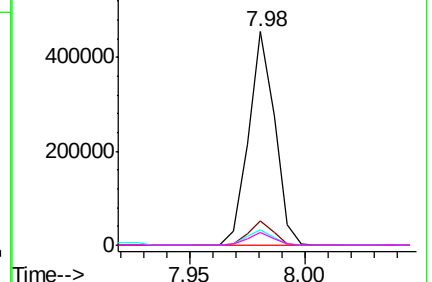
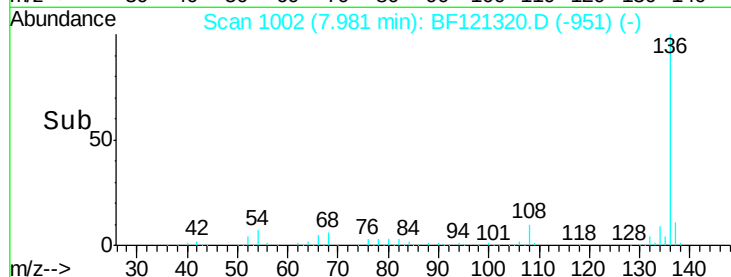


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.948 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

Tgt Ion:105 Resp: 390325

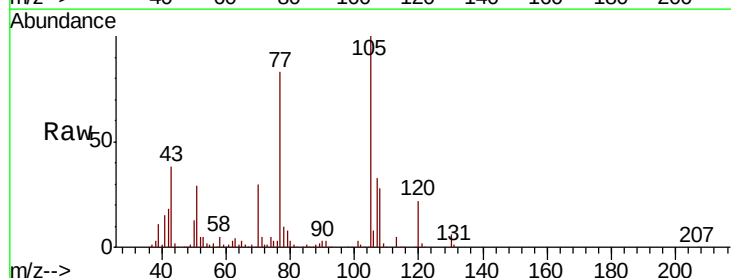
Ion Ratio Lower Upper

105 100

71 5.3 5.4 8.2#

51 29.4 24.6 36.8

120 22.2 18.5 27.7

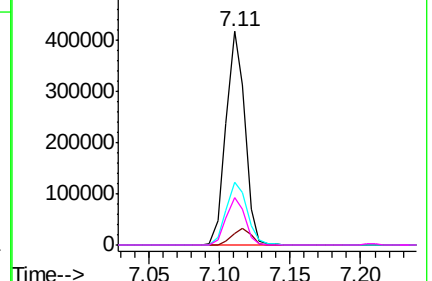
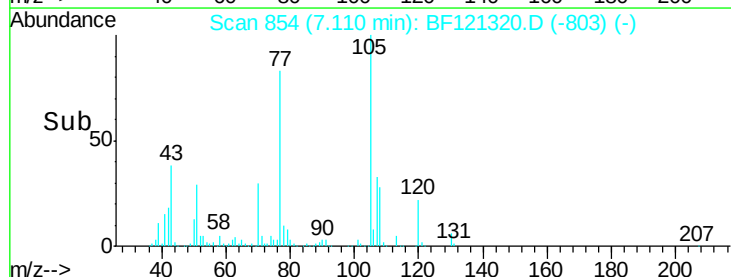


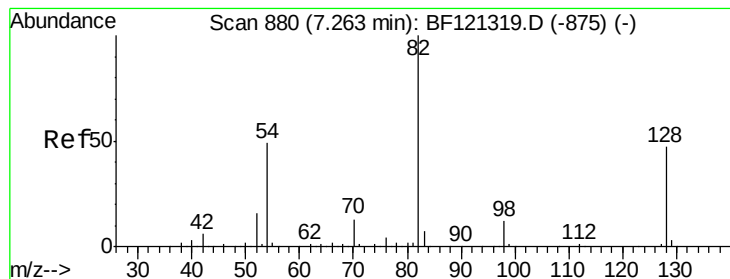
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 89.267 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

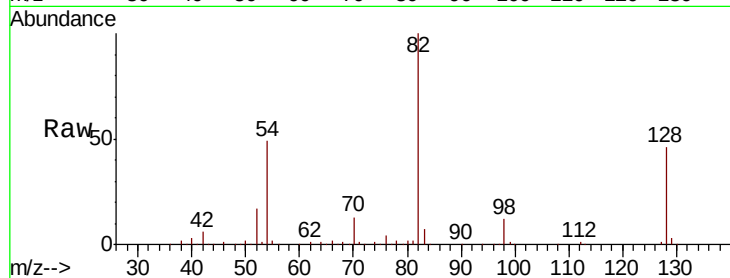
Tot Ion: 82 Resp: 590082

Ion Ratio Lower Upper

82 100

128 46.5 37.4 56.0

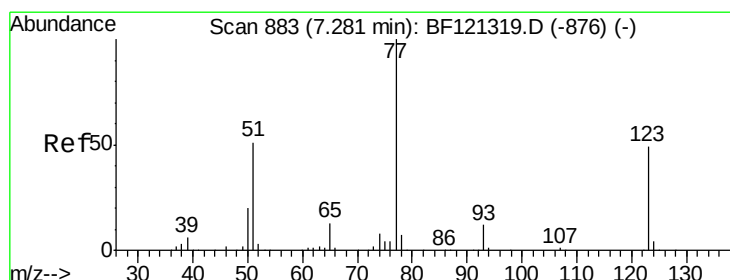
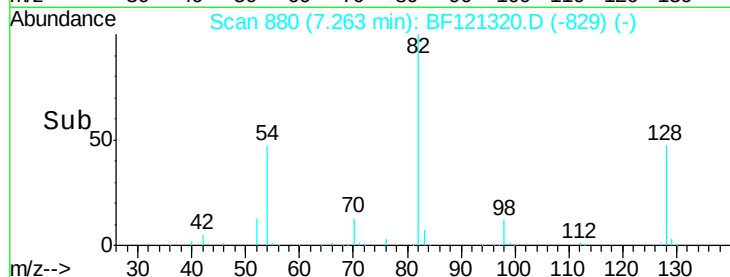
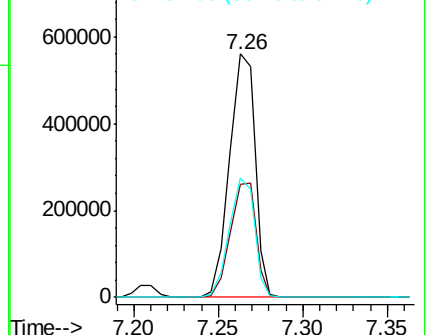
54 48.8 39.0 58.6



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: 42.633 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

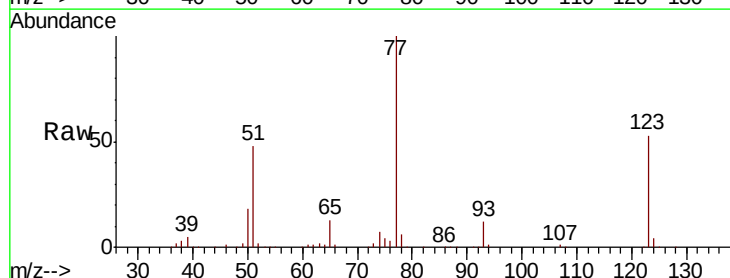
Tgt Ion: 77 Resp: 305788

Ion Ratio Lower Upper

77 100

123 52.6 39.4 59.2

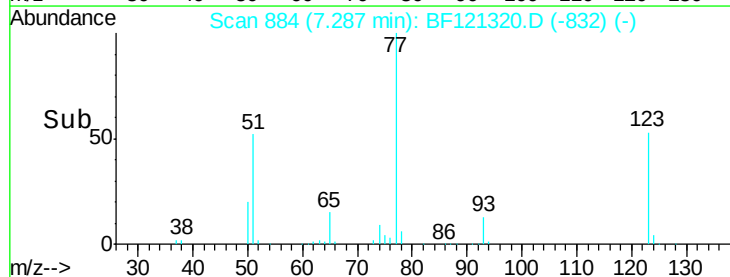
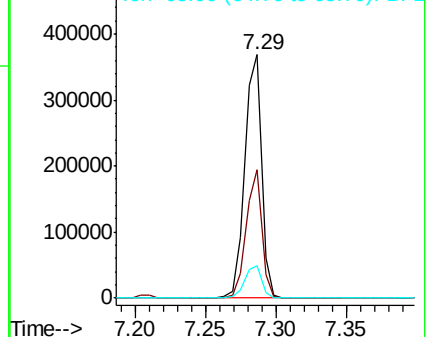
65 13.2 10.6 15.8

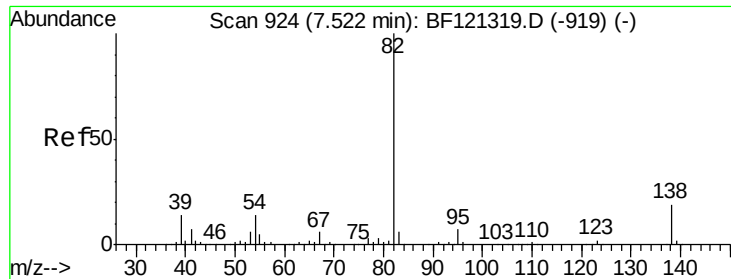


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.228 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

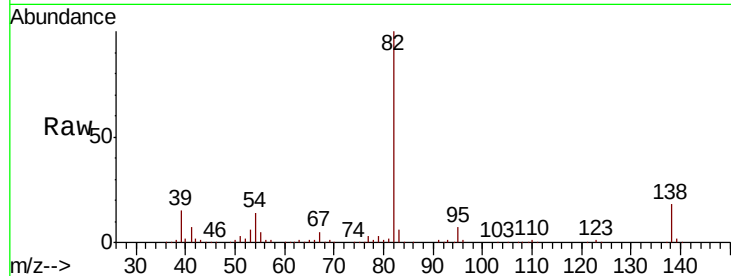
Tot Ion: 82 Resp: 533893

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

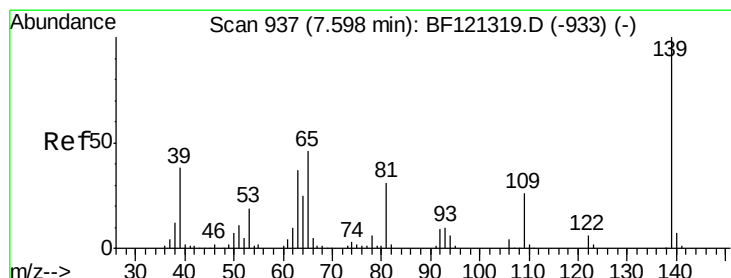
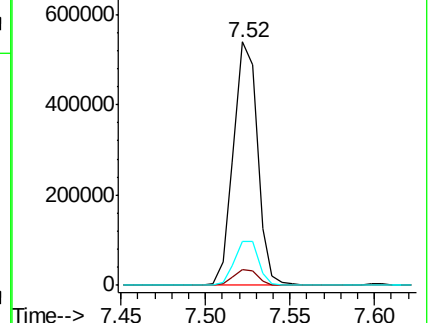
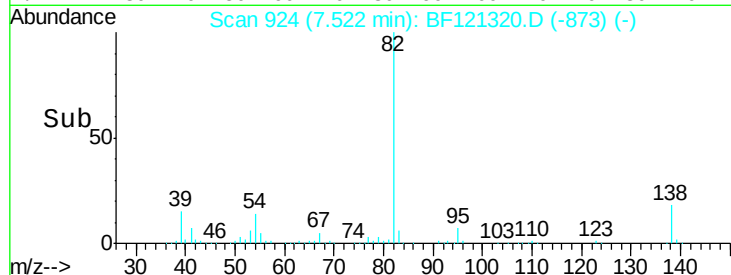
138 18.0 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.078 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

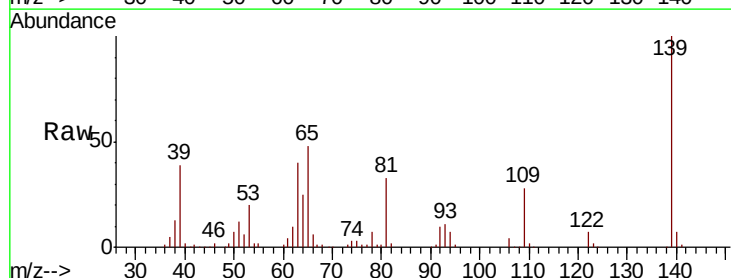
Tgt Ion: 139 Resp: 156662

Ion Ratio Lower Upper

139 100

109 27.9 21.0 31.6

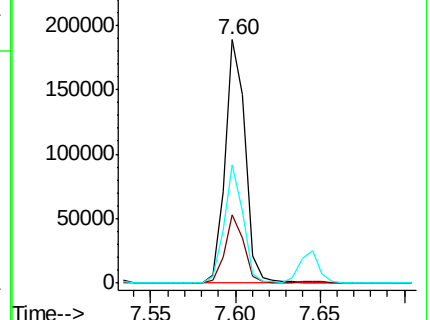
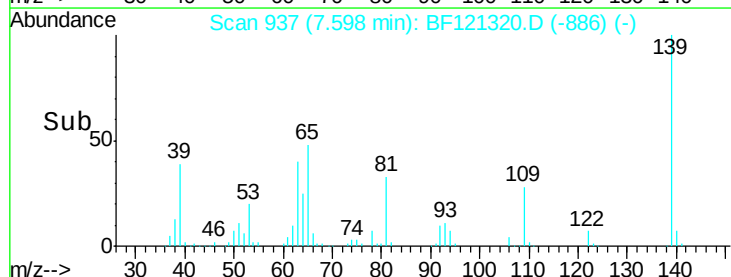
65 48.3 36.8 55.2

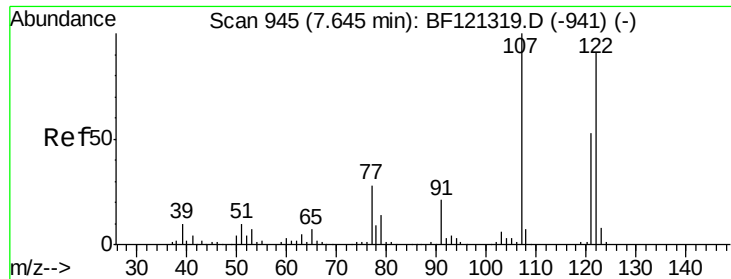


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

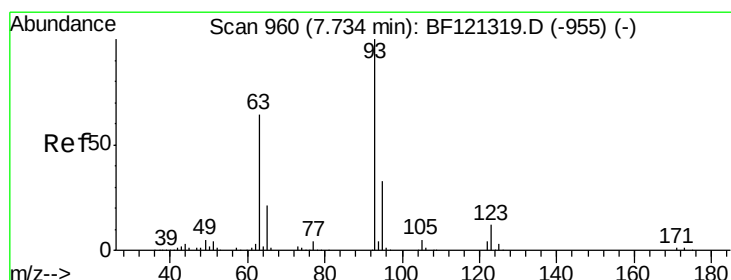
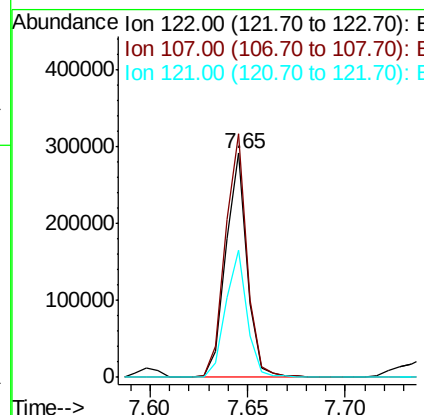
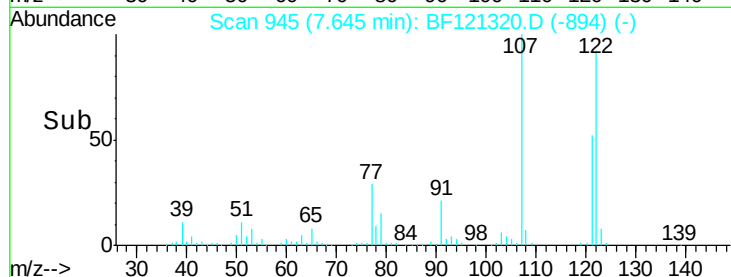
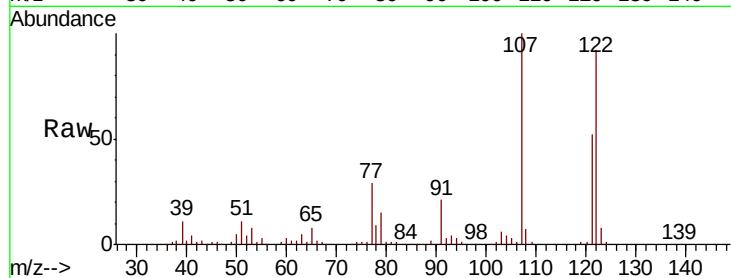




#27
 2,4-Dimethylphenol
 Concen: 39.749 ng
 RT: 7.65 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

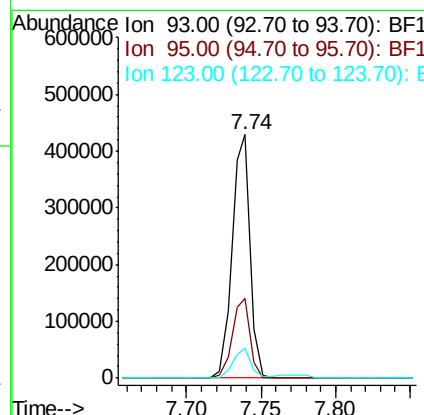
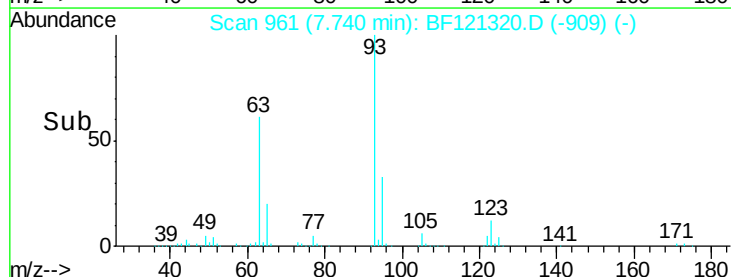
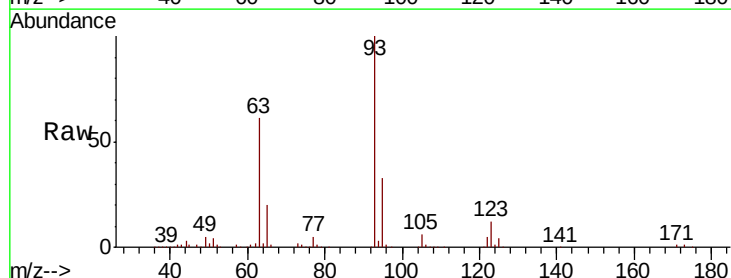
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

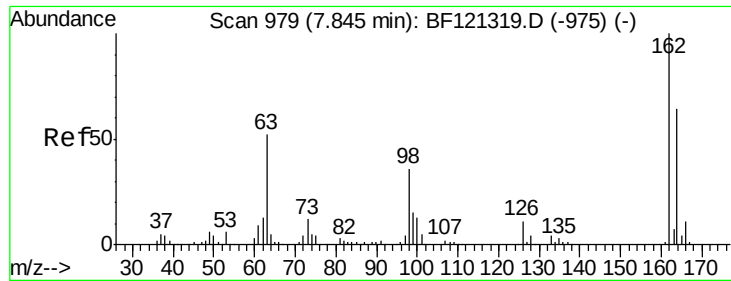
Tot Ion	Ratio	Lower	Upper
122	100		
107	108.8	88.1	132.1
121	56.6	46.5	69.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.437 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	12.2	9.5	14.3

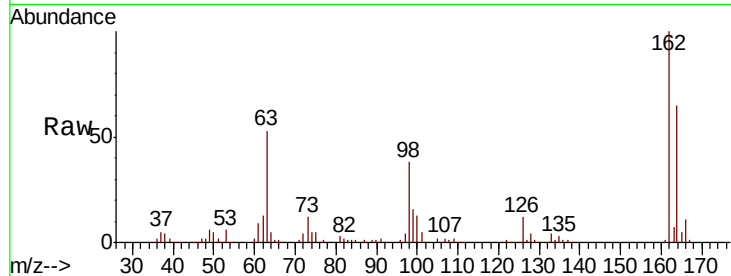




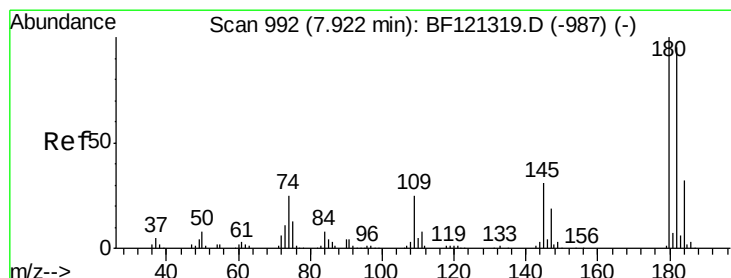
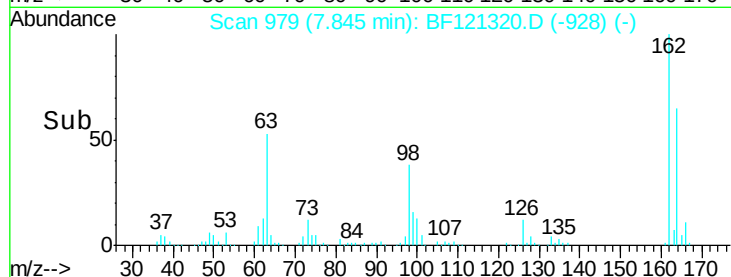
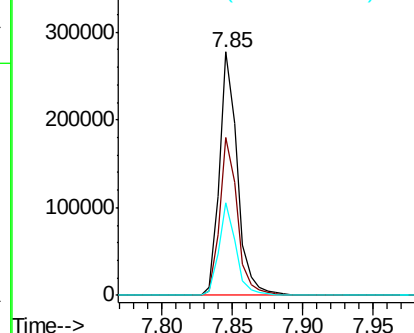
#29
 2,4-Dichlorophenol
 Concen: 43.051 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.2	84.2
98	37.8	16.4	56.4

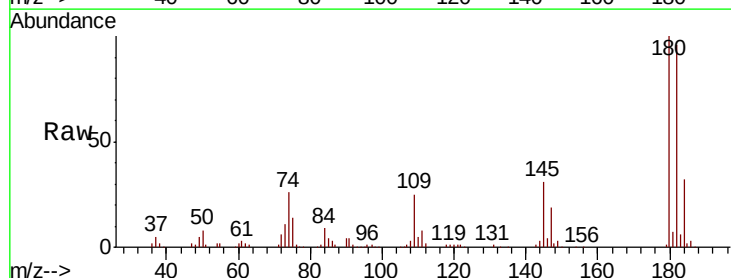


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

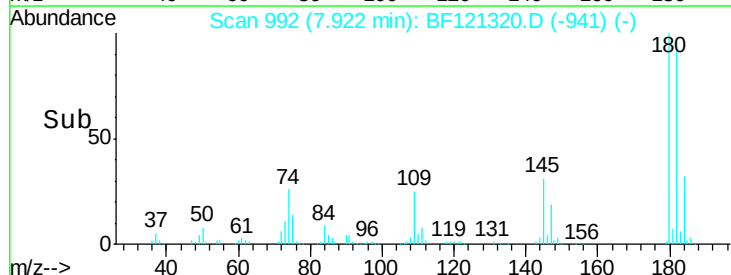
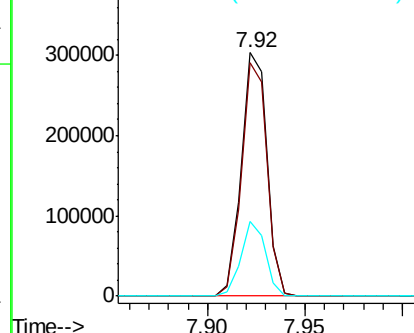


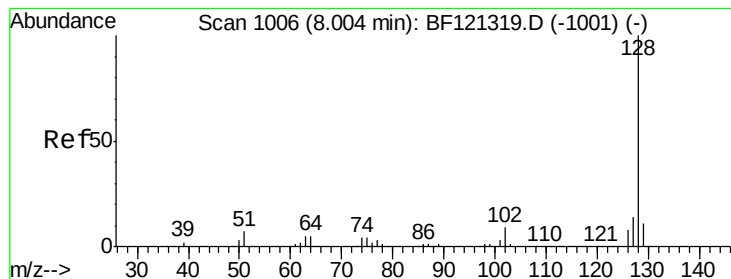
#30
 1,2,4-Trichlorobenzene
 Concen: 43.955 ng
 RT: 7.92 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.7	113.5
145	30.6	24.5	36.7



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: 40.916 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

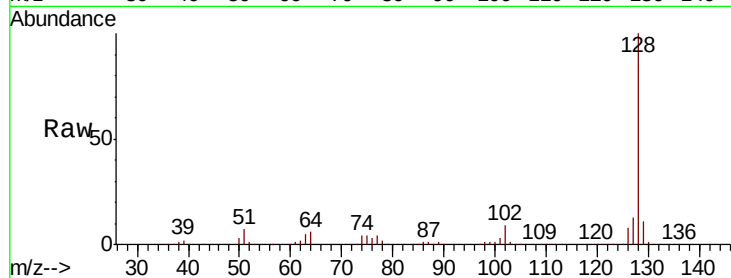
Tot Ion:128 Resp: 831623

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

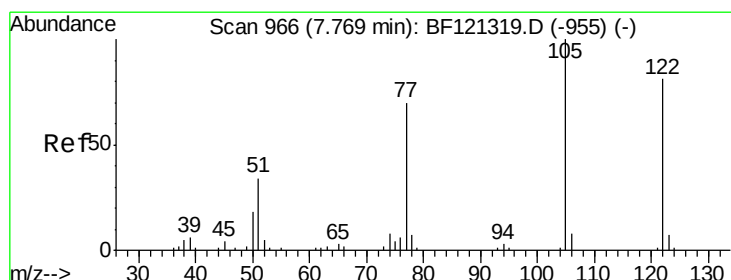
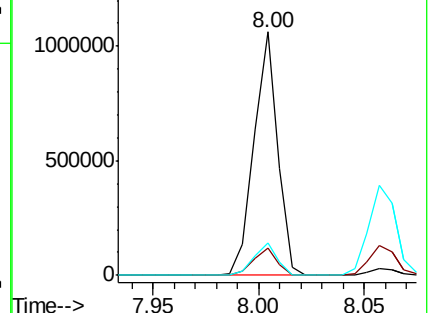
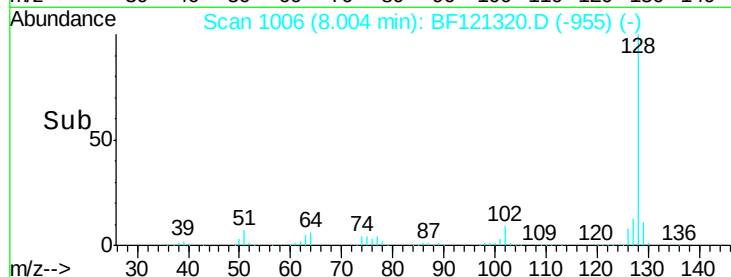
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 62.135 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

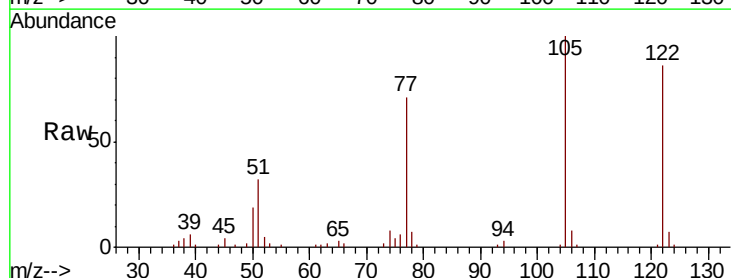
Tgt Ion:122 Resp: 165707

Ion Ratio Lower Upper

122 100

105 116.0 103.1 143.1

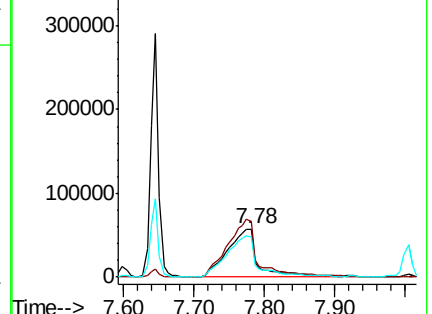
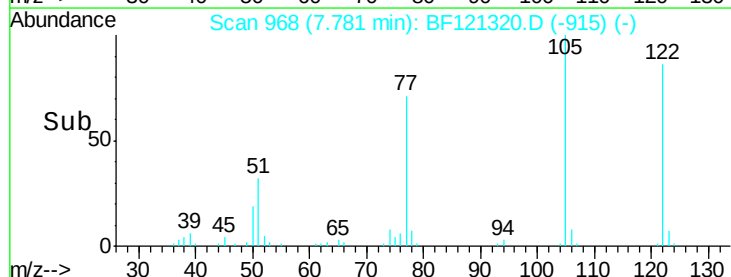
77 82.7 65.8 105.8

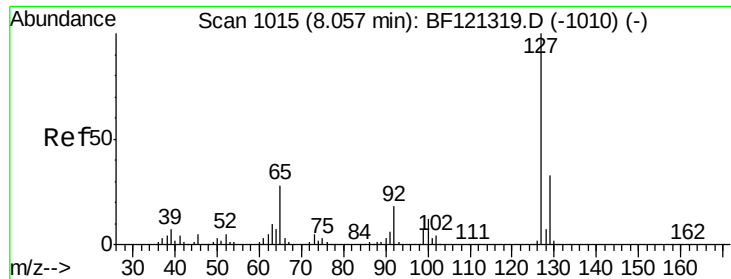


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

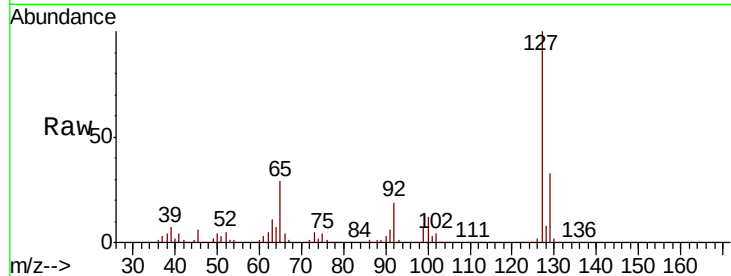




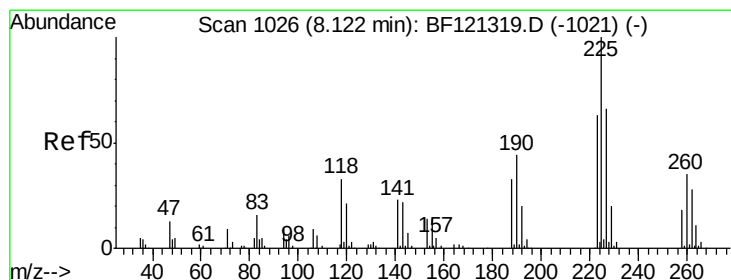
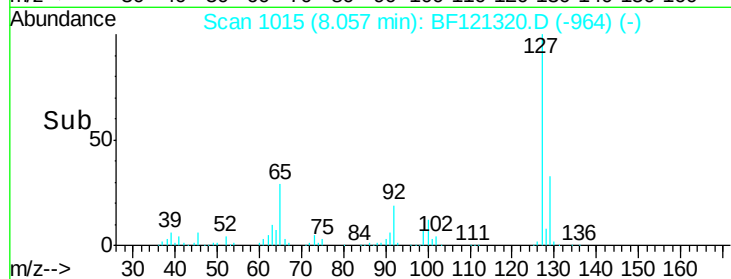
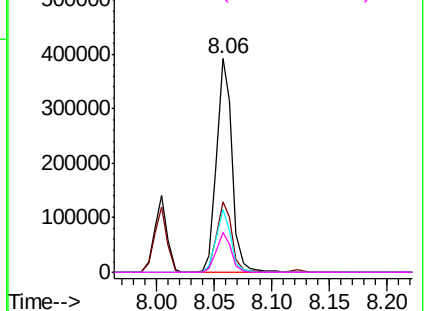
#33
4-Chloroaniline
Concen: 43.666 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF121320.D
Acq: 18 Aug 2020 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:	127	Resp:	362191
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.1	39.1
65	29.2	22.2	33.2
92	18.7	14.6	21.8

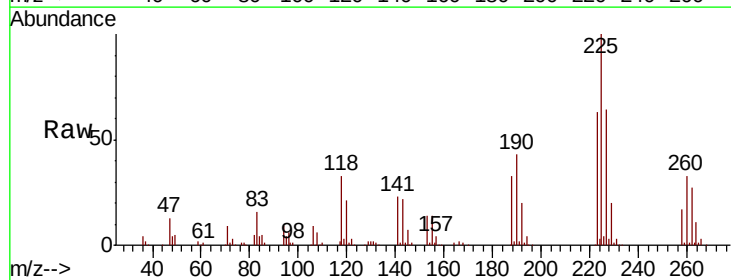


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

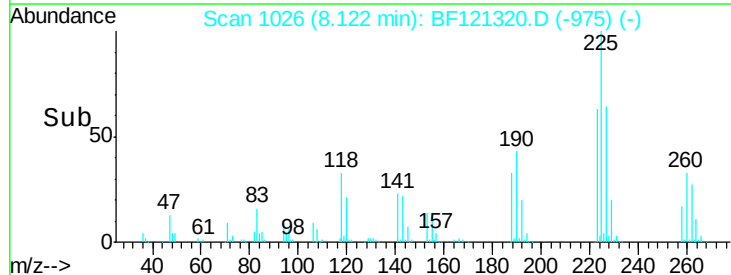
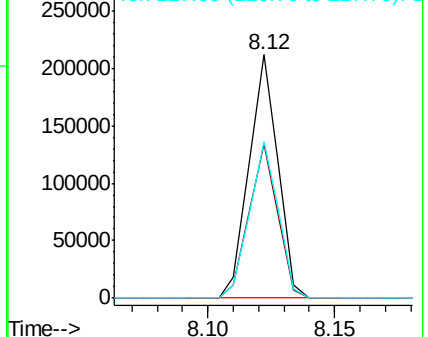


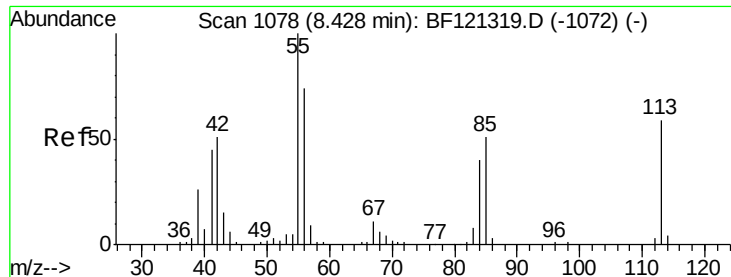
#34
Hexachlorobutadiene
Concen: 44.191 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF121320.D
Acq: 18 Aug 2020 12:03

Tgt Ion:	225	Resp:	168035
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	64.2	52.8	79.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

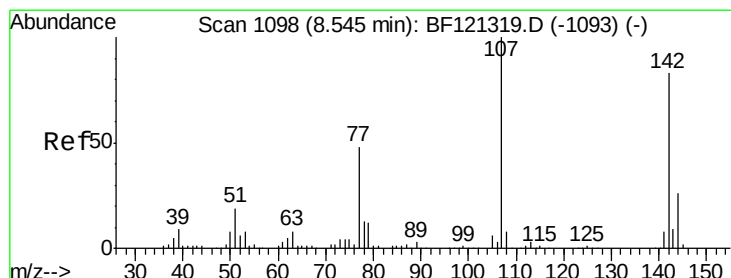
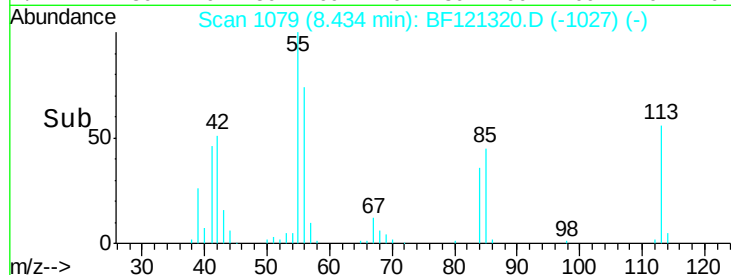
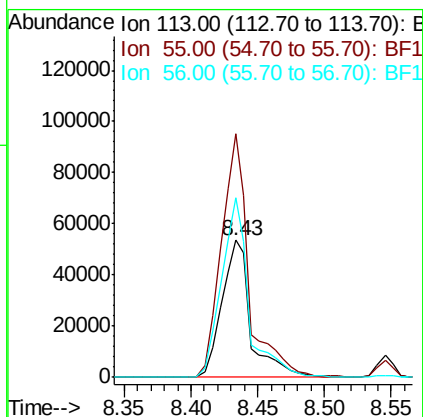
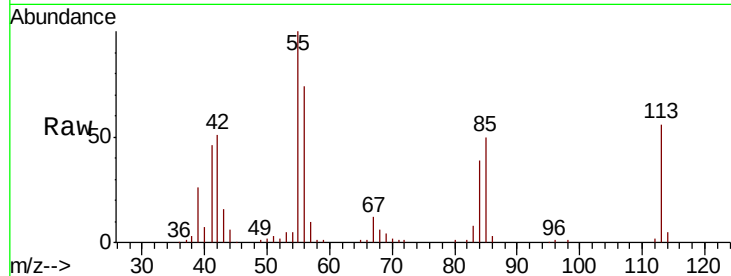




#35
 Caprolactam
 Concen: 47.319 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. 0.01 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

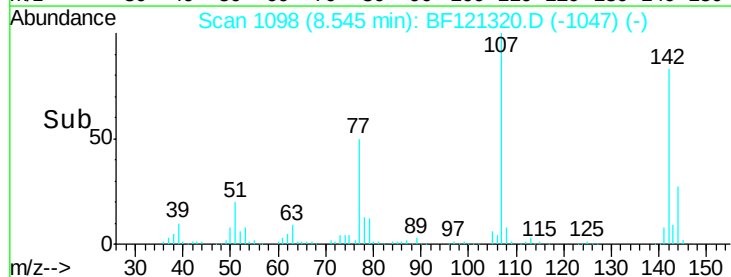
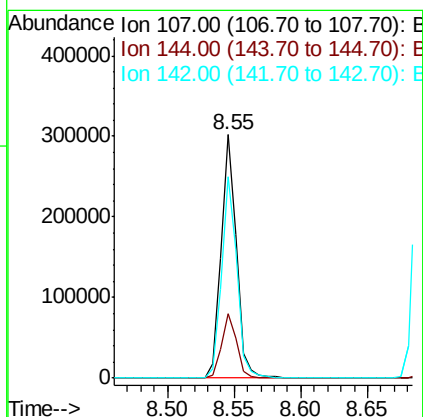
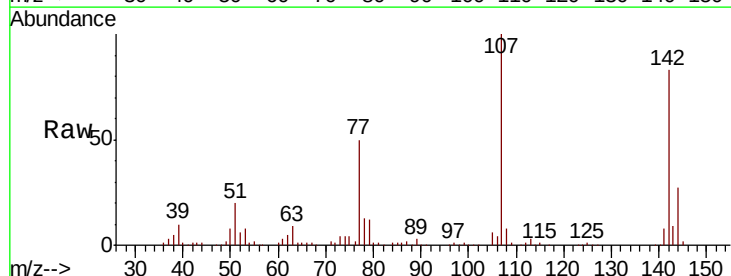
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

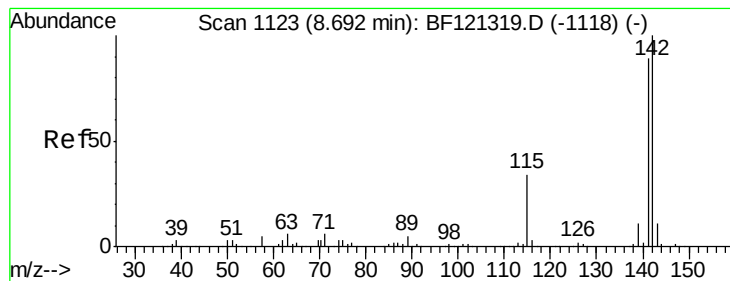
Tot Ion:113 Resp: 81157
 Ion Ratio Lower Upper
 113 100
 55 177.9 149.1 189.1
 56 130.8 105.9 145.9



#36
 4-Chloro-3-methylphenol
 Concen: 42.513 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

Tgt Ion:107 Resp: 246981
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.1 31.7
 142 82.8 66.6 99.8





#37

2-Methylnaphthalene

Concen: 41.480 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

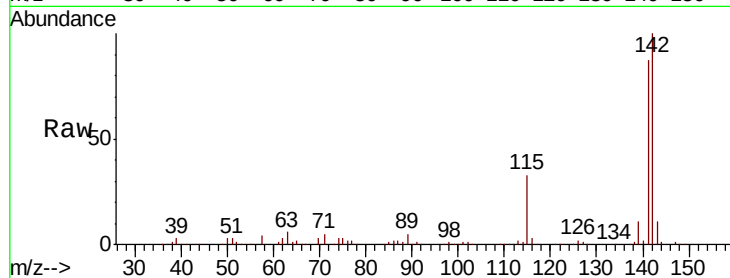
Tot Ion:142 Resp: 554793

Ion Ratio Lower Upper

142 100

141 87.1 71.0 106.4

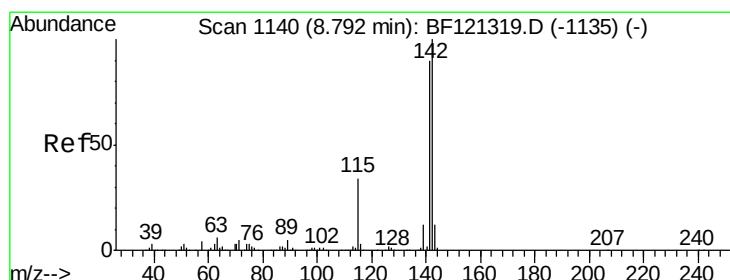
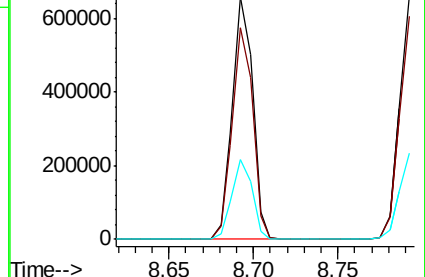
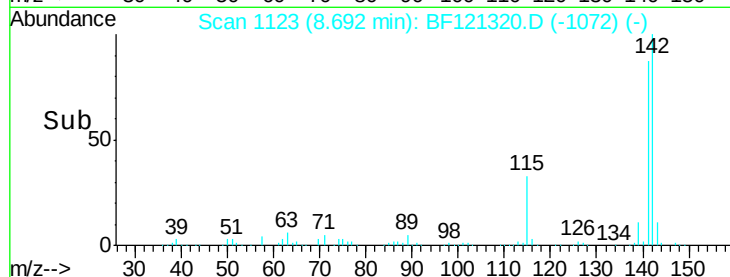
115 33.1 27.0 40.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.153 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

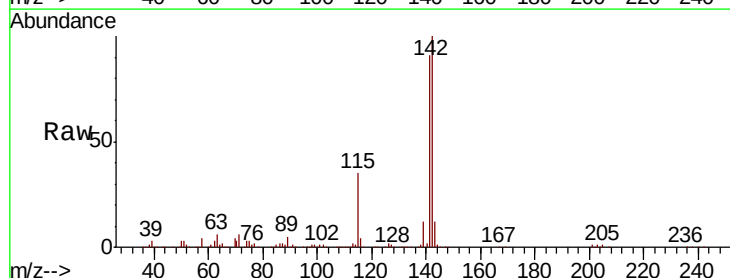
Tgt Ion:142 Resp: 521152

Ion Ratio Lower Upper

142 100

141 91.5 72.5 108.7

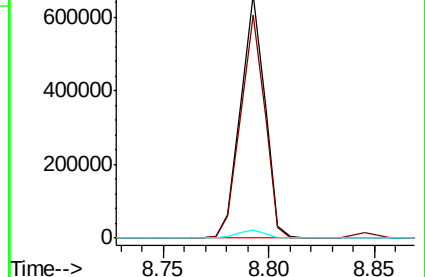
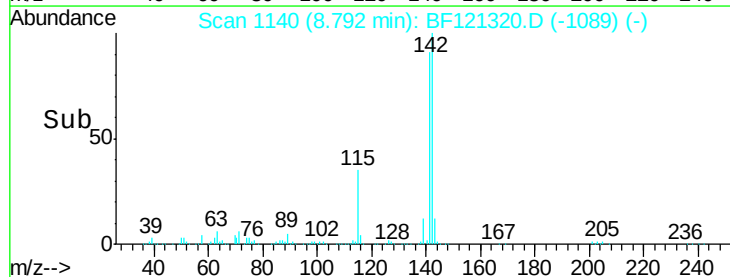
116 3.6 2.8 4.2

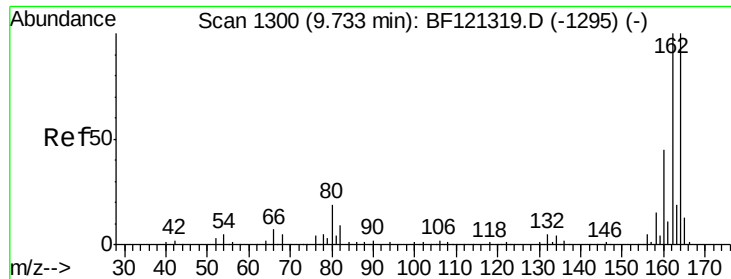


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

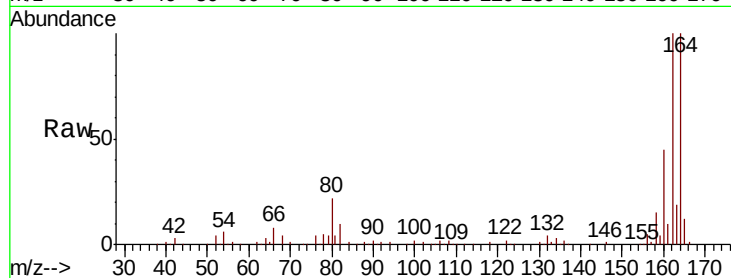
Tot Ion:164 Resp: 195437

Ion Ratio Lower Upper

164 100

162 100.1 80.2 120.2

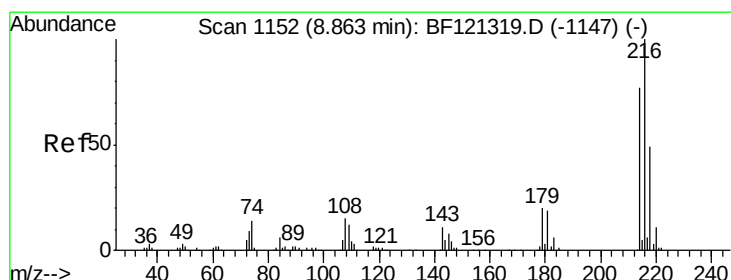
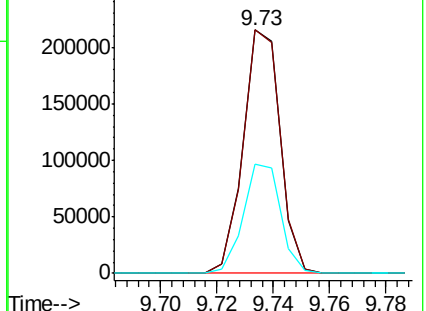
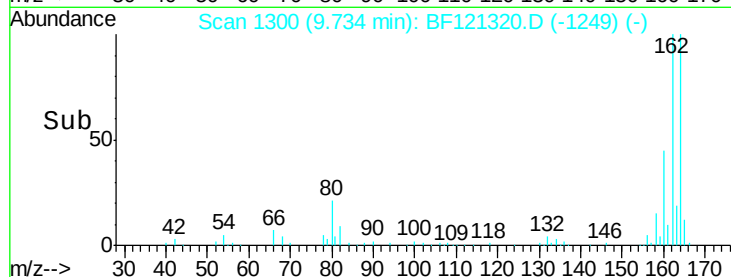
160 44.7 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.984 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

Tgt Ion:216 Resp: 268385

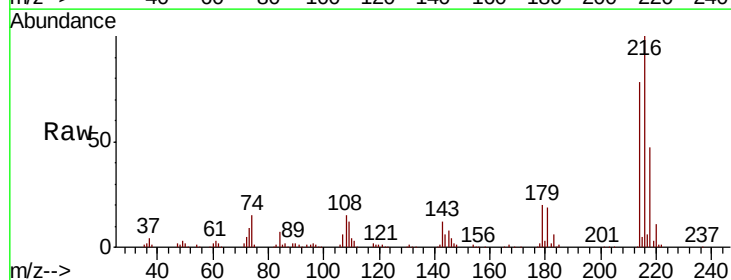
Ion Ratio Lower Upper

216 100

214 78.3 62.8 94.2

179 20.2 16.2 24.4

108 17.5 14.1 21.1

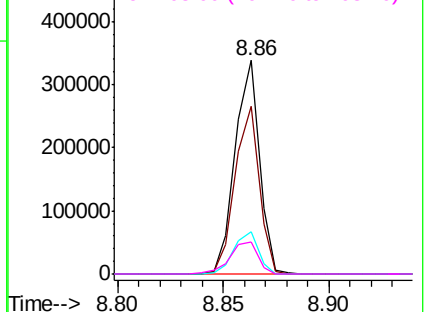
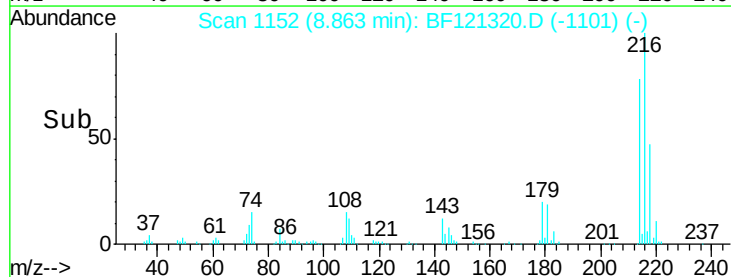


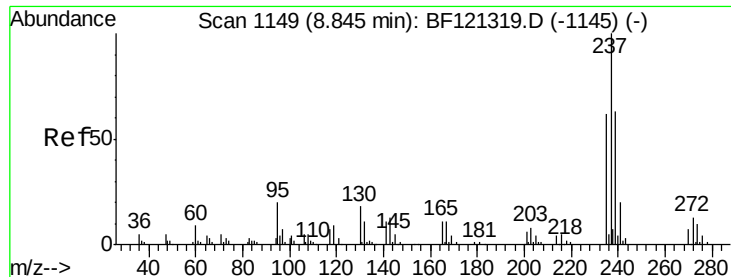
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

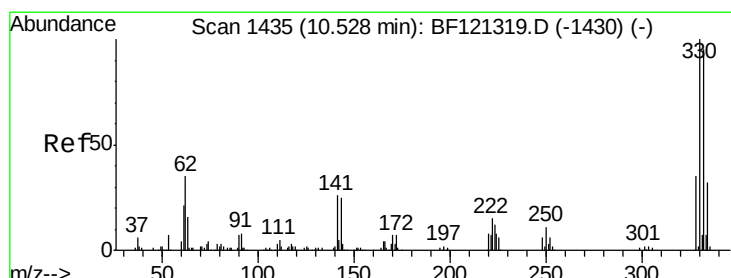
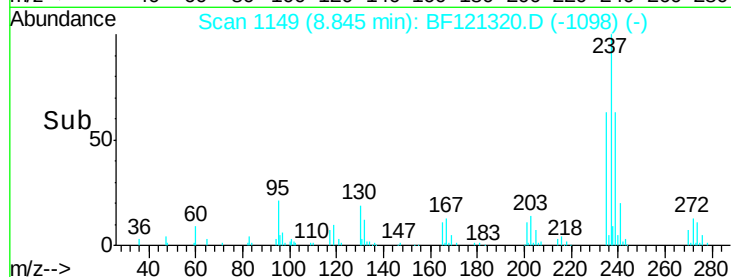
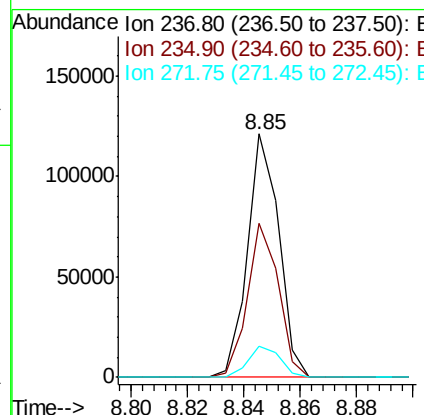
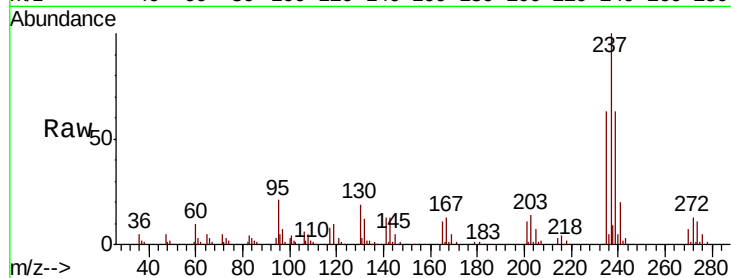




#41
Hexachlorocyclopentadiene
Concen: 65.657 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF121320.D
Acq: 18 Aug 2020 12:03

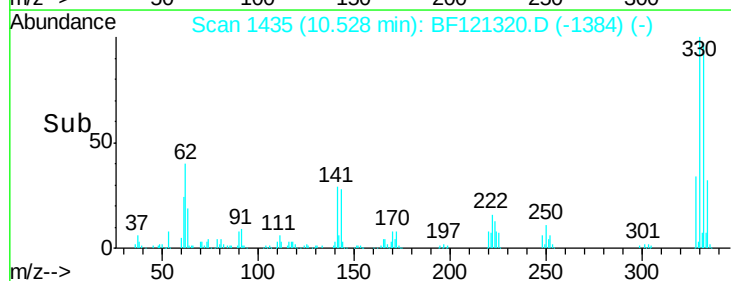
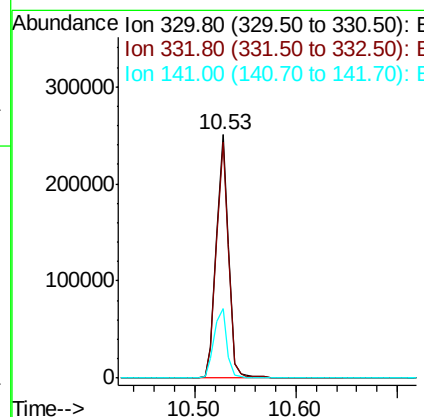
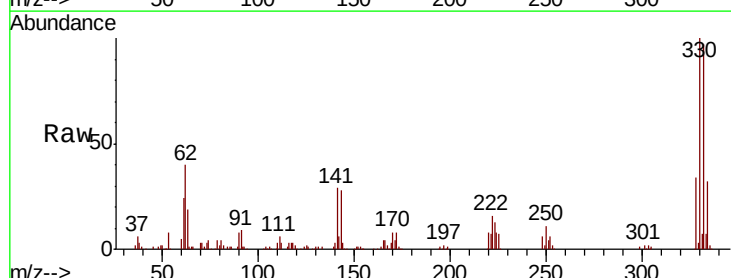
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

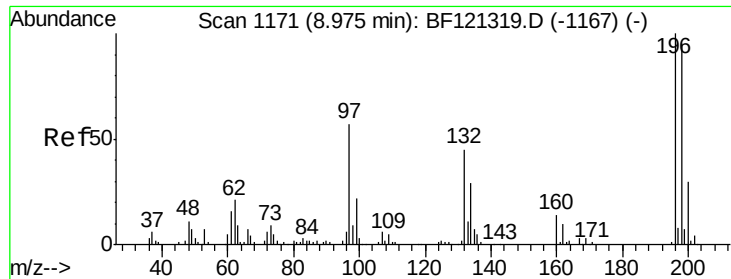
Tot Ion:	237	Resp:	93368
Ion	Ratio	Lower	Upper
237	100		
235	63.4	42.5	82.5
272	12.8	0.0	33.4



#42
2,4,6-Tribromophenol
Concen: 89.270 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF121320.D
Acq: 18 Aug 2020 12:03

Tgt Ion:	330	Resp:	214804
Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.2	112.8
141	29.6	23.8	35.8

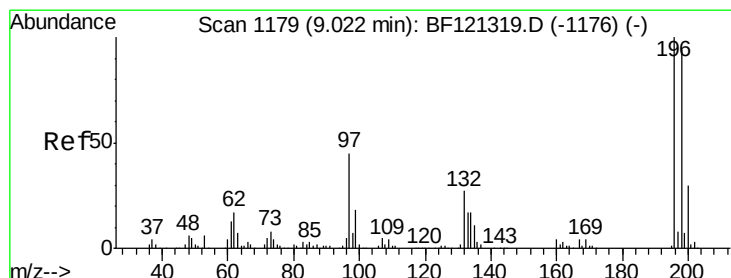
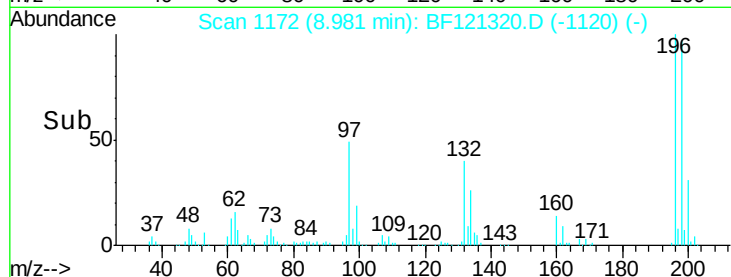
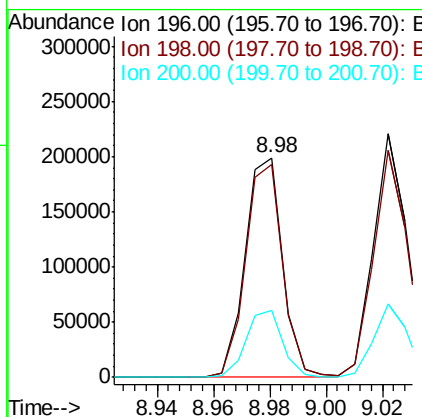
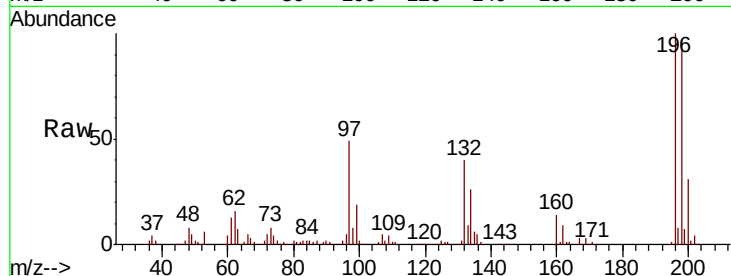




#43
 2,4,6-Trichlorophenol
 Concen: 44.053 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

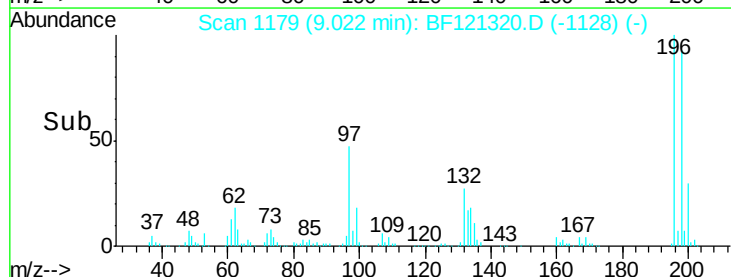
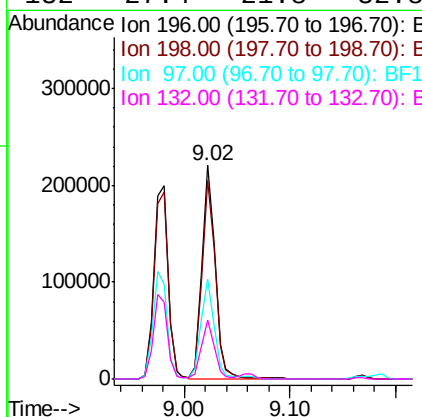
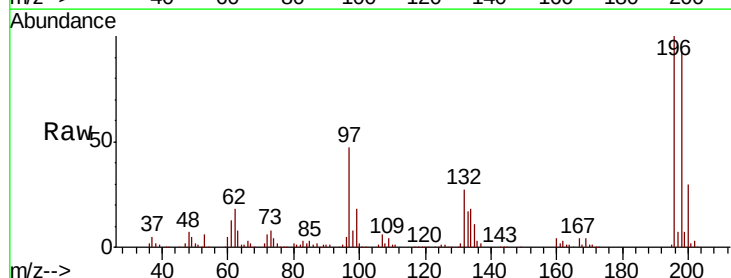
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

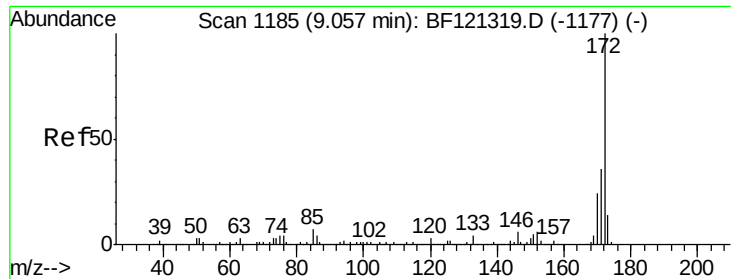
Tot Ion:196	Resp:	183468
Ion Ratio	Lower	Upper
196	100	
198	97.1	75.8 113.6
200	30.7	23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 42.732 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

Tgt Ion:196	Resp:	193301
Ion Ratio	Lower	Upper
196	100	
198	93.1	75.1 112.7
97	47.0	36.3 54.5
132	27.4	21.8 32.8

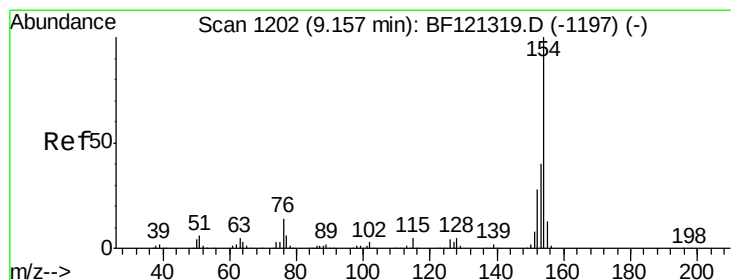
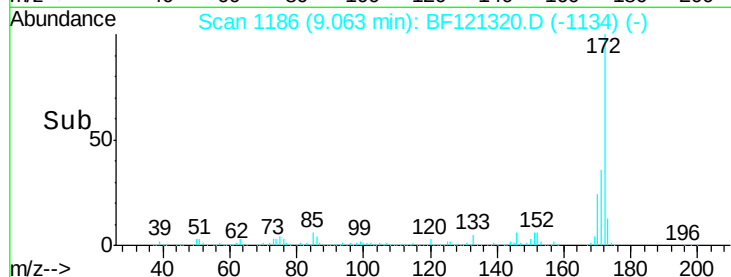
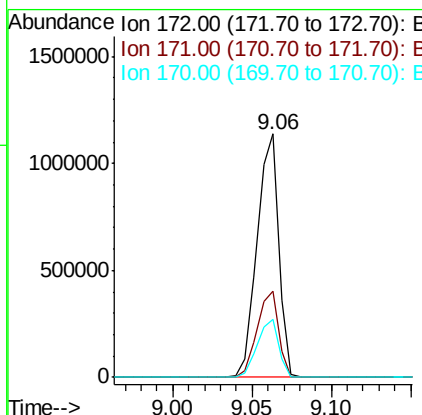
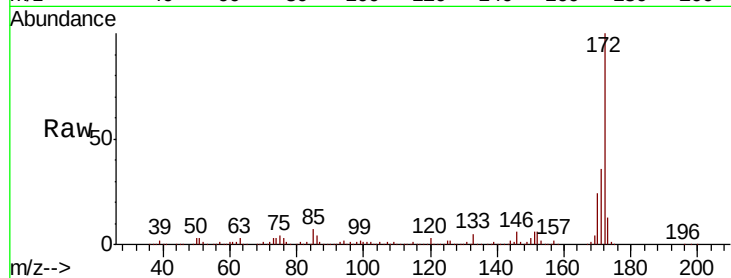




#45
 2-Fluorobiphenyl
 Concen: 76.704 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

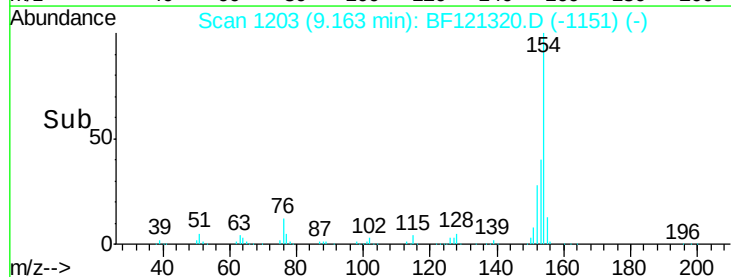
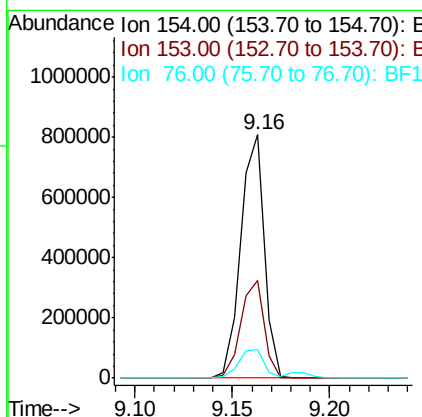
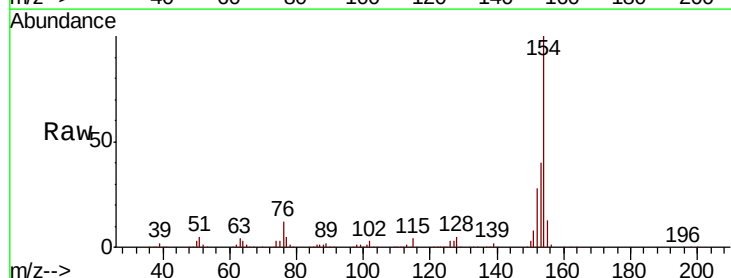
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

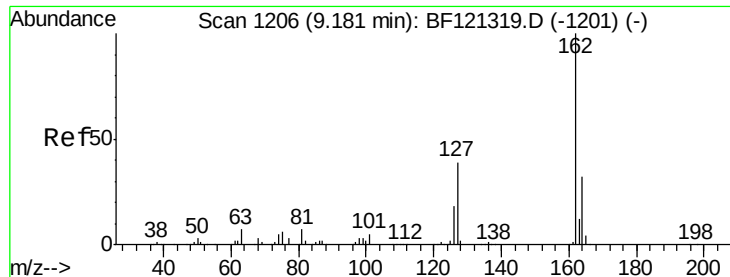
Tot Ion:172 Resp: 1083700
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.7 43.1
 170 24.1 19.4 29.0



#46
 1,1'-Biphenyl
 Concen: 40.006 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

Tgt Ion:154 Resp: 675575
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.0 60.0
 76 11.8 0.0 33.6

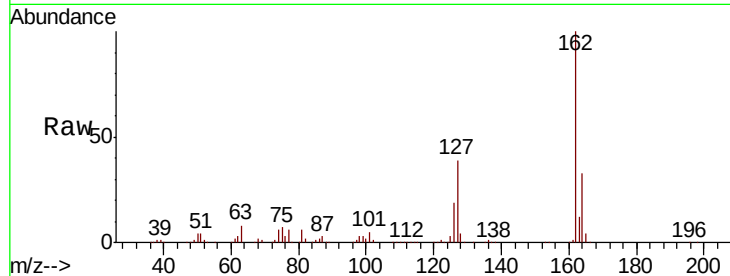




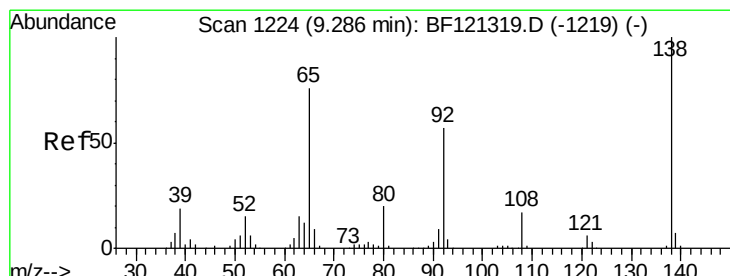
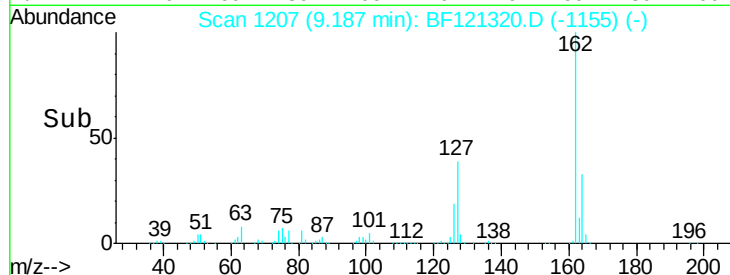
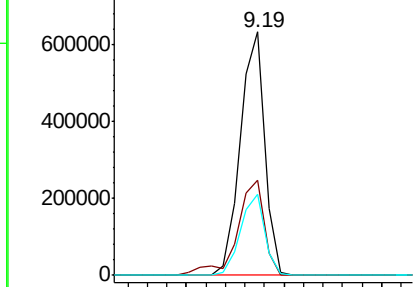
#47
 2-Chloronaphthalene
 Concen: 42.187 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:	162	Resp:	548394
Ion	Ratio	Lower	Upper
162	100		
127	39.1	32.6	48.8
164	33.2	25.9	38.9

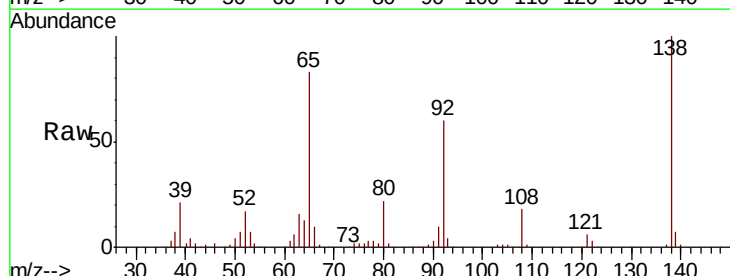


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

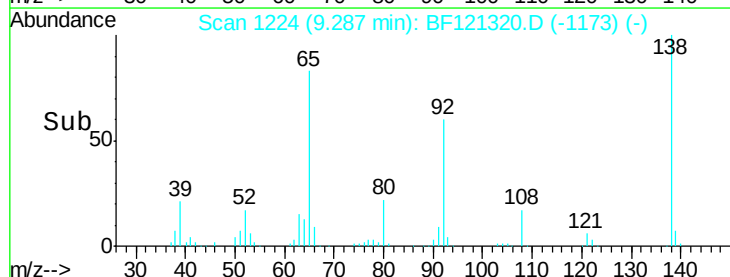
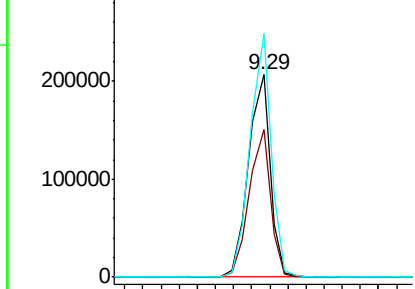


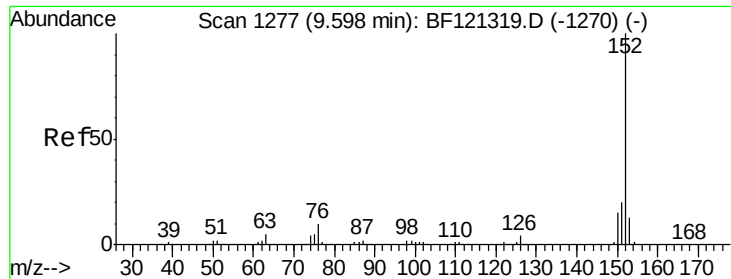
#48
 2-Nitroaniline
 Concen: 47.253 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

Tgt Ion:	65	Resp:	172654
Ion	Ratio	Lower	Upper
65	100		
92	72.7	60.2	90.4
138	120.3	105.3	157.9



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.127 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

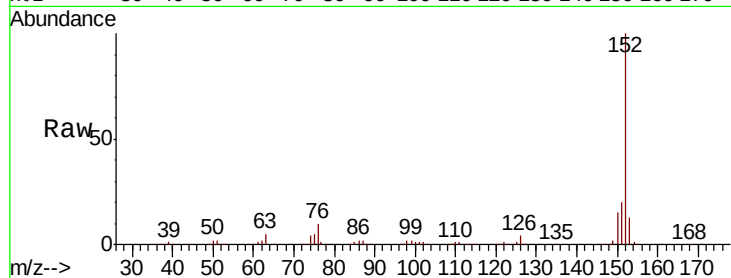
Tot Ion:152 Resp: 828494

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

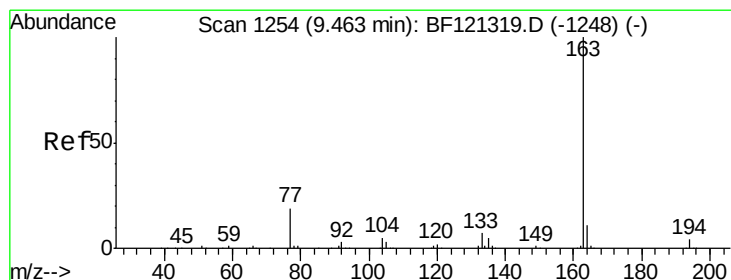
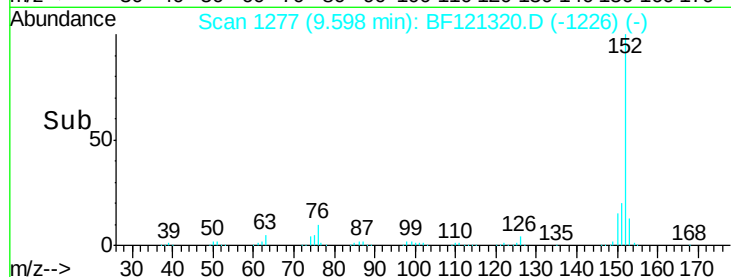
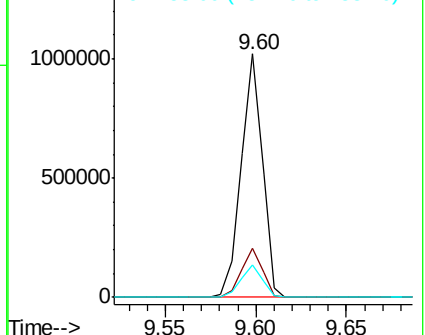
153 13.5 10.6 16.0



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: 44.230 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

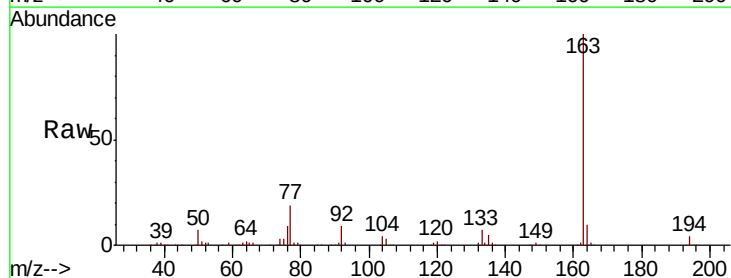
Tgt Ion:163 Resp: 650459

Ion Ratio Lower Upper

163 100

194 4.0 2.9 4.3

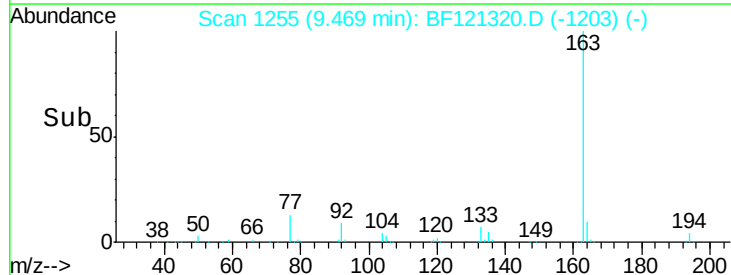
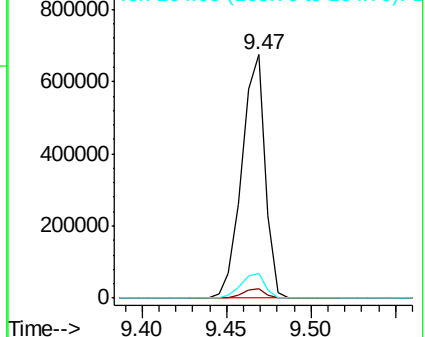
164 10.3 8.6 12.8

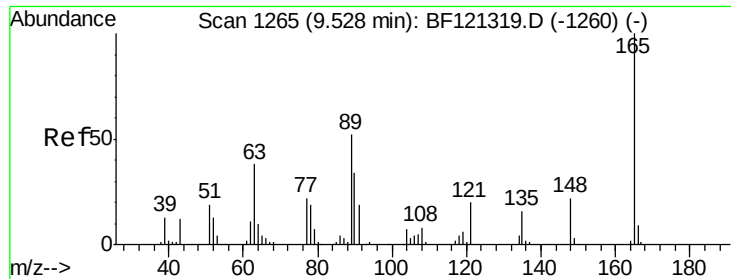


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.971 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

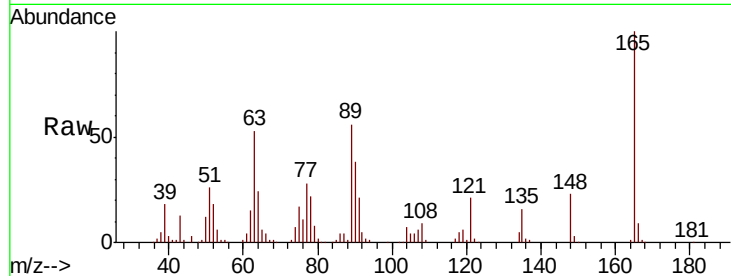
Tot Ion:165 Resp: 140869

Ion Ratio Lower Upper

165 100

63 53.2 38.7 58.1

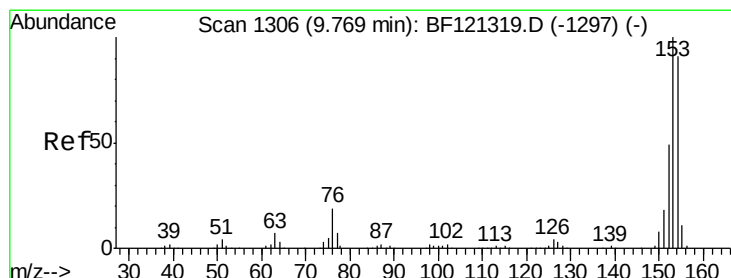
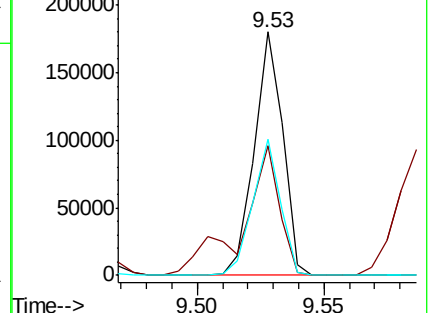
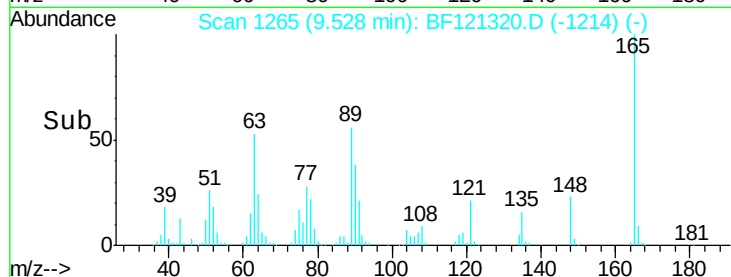
89 55.7 41.4 62.0



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: 41.121 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

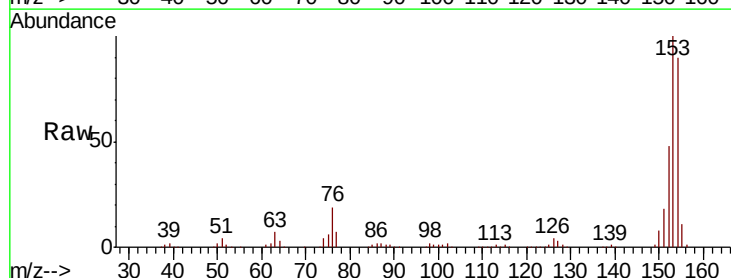
Tgt Ion:154 Resp: 502670

Ion Ratio Lower Upper

154 100

153 111.2 88.2 132.4

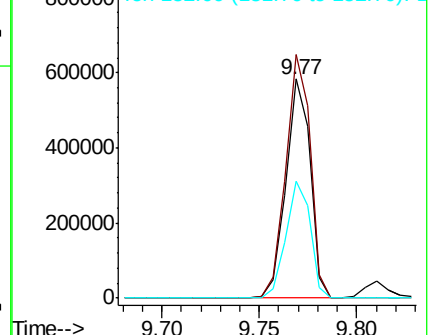
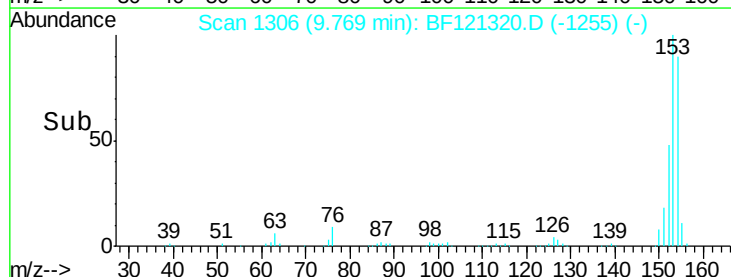
152 53.7 42.9 64.3

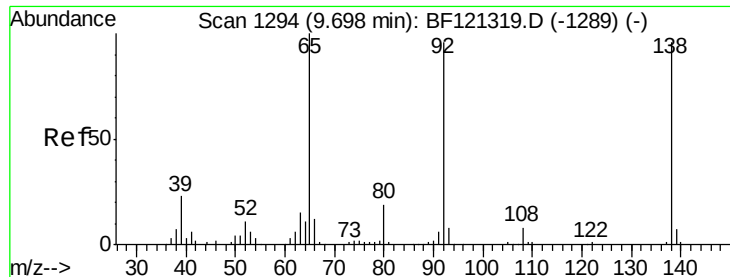


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

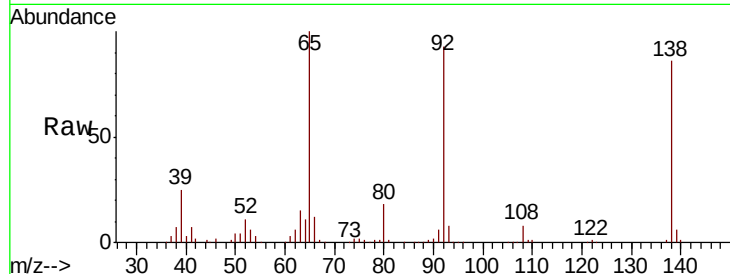




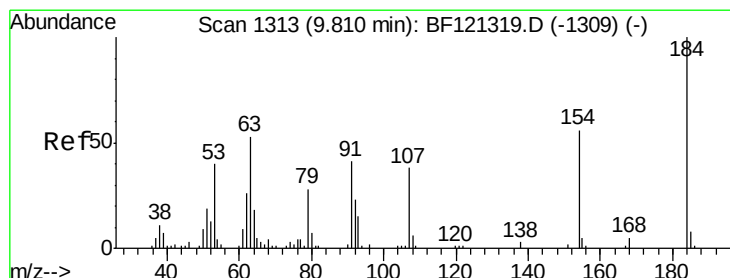
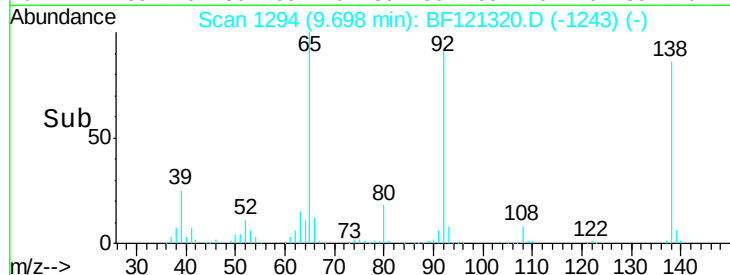
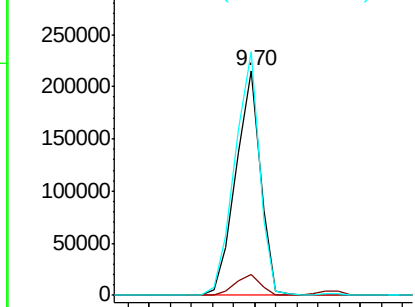
#53
 3-Nitroaniline
 Concen: 46.172 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:138 Resp: 172824
 Ion Ratio Lower Upper
 138 100
 108 9.3 7.0 10.6
 92 108.5 79.9 119.9

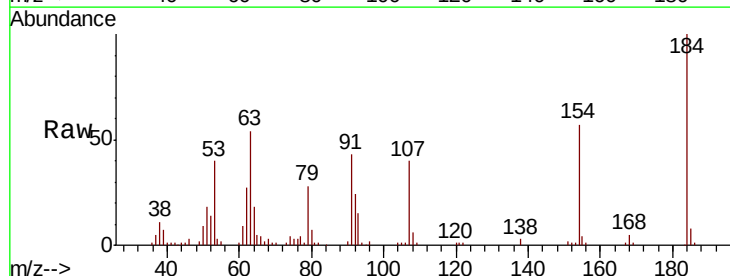


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

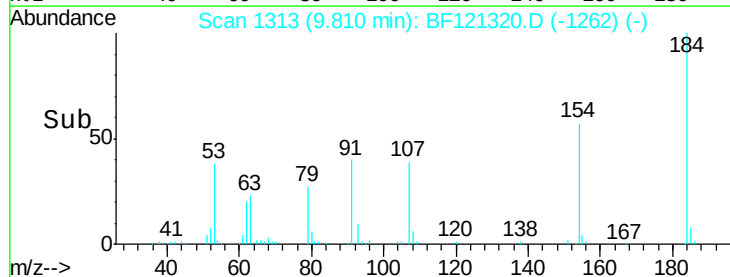
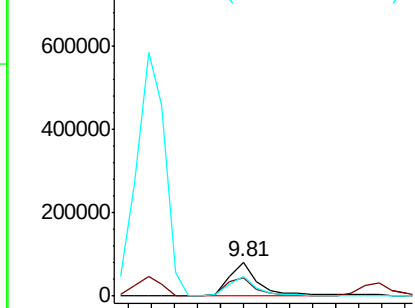


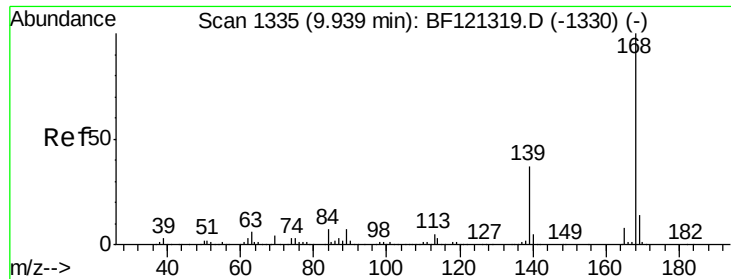
#54
 2,4-Dinitrophenol
 Concen: 74.471 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

Tgt Ion:184 Resp: 72266
 Ion Ratio Lower Upper
 184 100
 63 53.8 42.6 63.8
 154 56.6 46.2 69.4



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

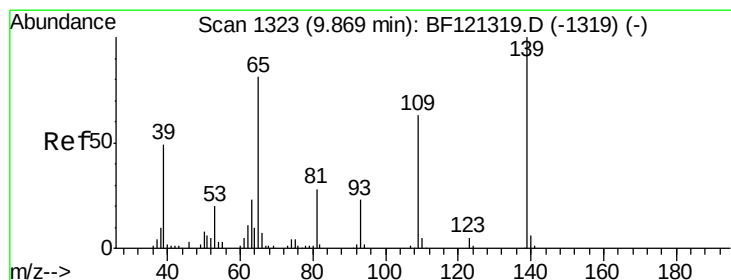
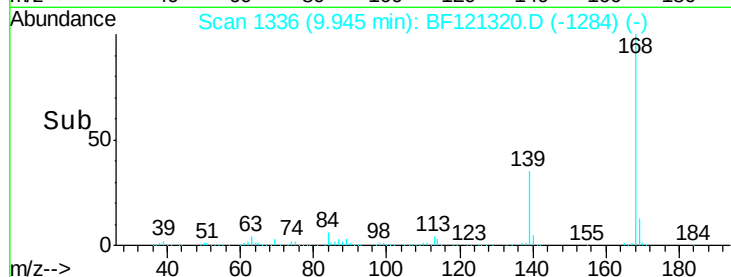
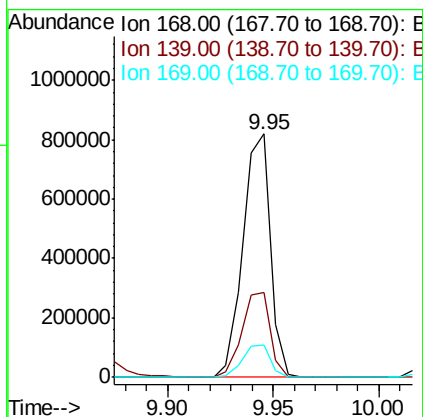
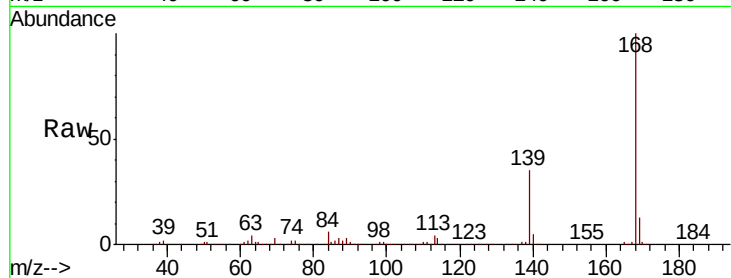




#55
Dibenzenofuran
Concen: 37.891 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF121320.D
Acq: 18 Aug 2020 12:03

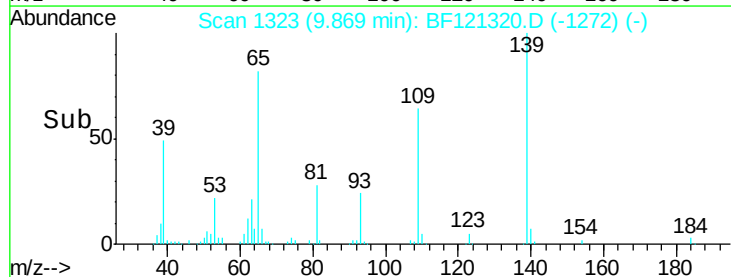
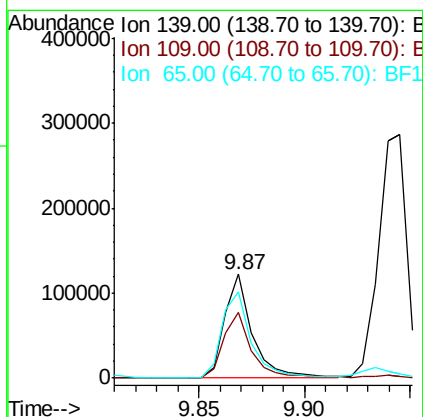
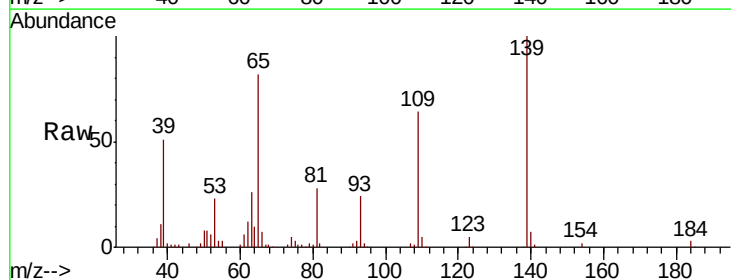
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

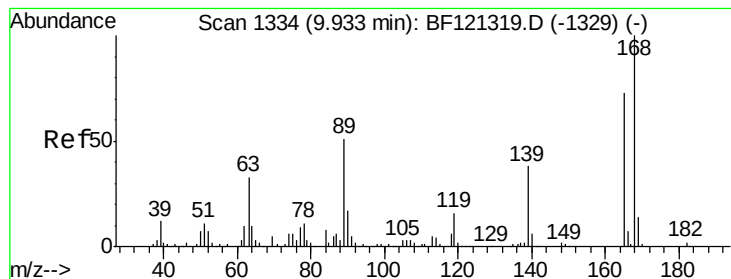
Tot Ion:168 Resp: 737603
Ion Ratio Lower Upper
168 100
139 35.0 29.6 44.4
169 13.3 11.1 16.7



#56
4-Nitrophenol
Concen: 46.314 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF121320.D
Acq: 18 Aug 2020 12:03

Tgt Ion:139 Resp: 111875
Ion Ratio Lower Upper
139 100
109 63.8 43.0 83.0
65 82.4 61.2 101.2





#57

2,4-Dinitrotoluene

Concen: 41.929 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:165 Resp: 180386

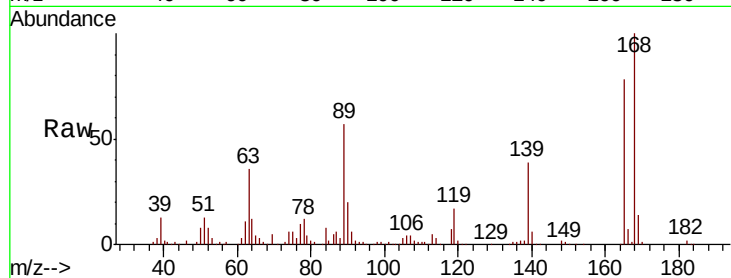
Ion Ratio Lower Upper

165 100

63 46.2 36.0 54.0

89 73.3 56.2 84.2

182 2.5 2.1 3.1

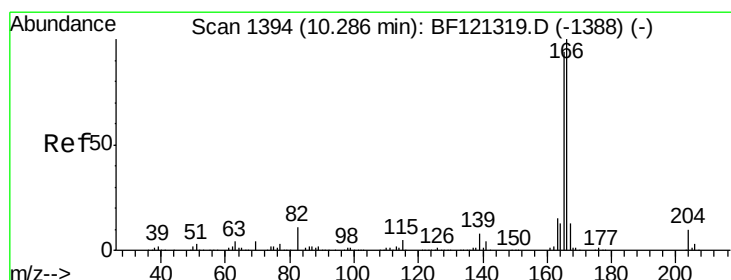
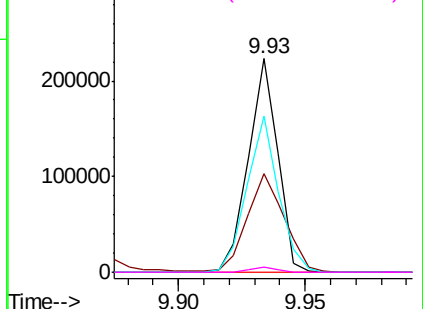
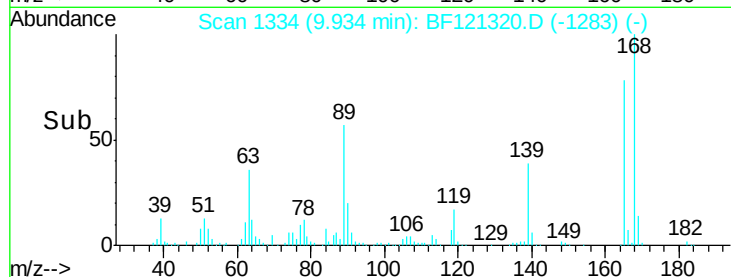


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 38.146 ng

RT: 10.29 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

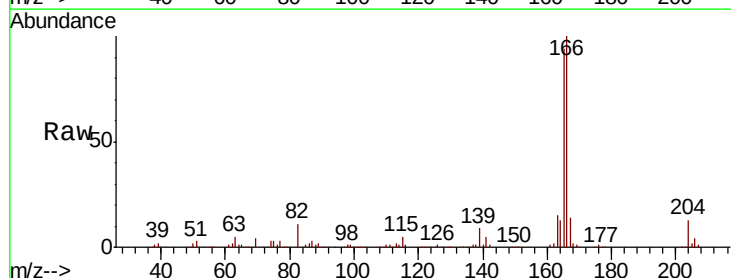
Tgt Ion:166 Resp: 562109

Ion Ratio Lower Upper

166 100

165 94.5 75.2 112.8

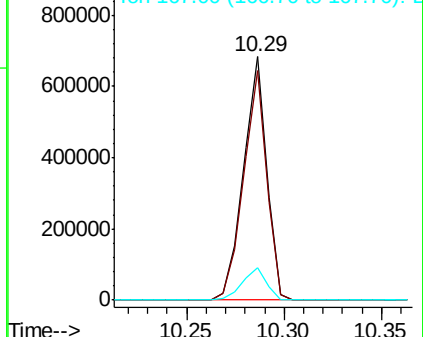
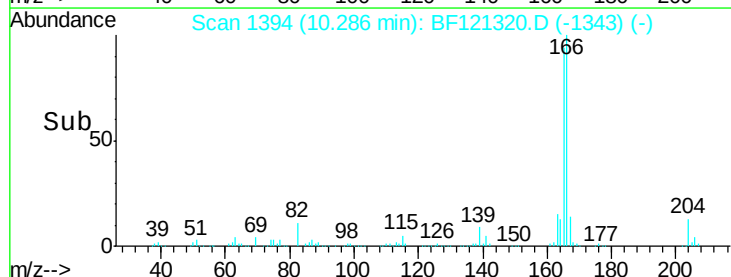
167 13.5 10.8 16.2

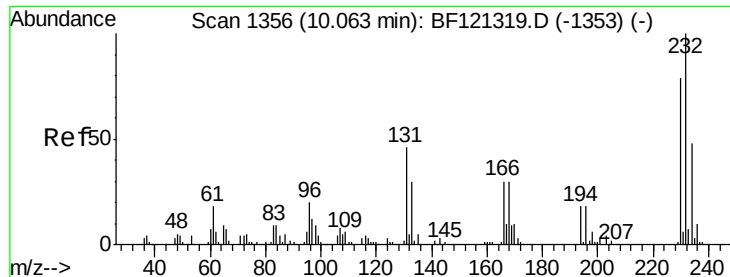


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

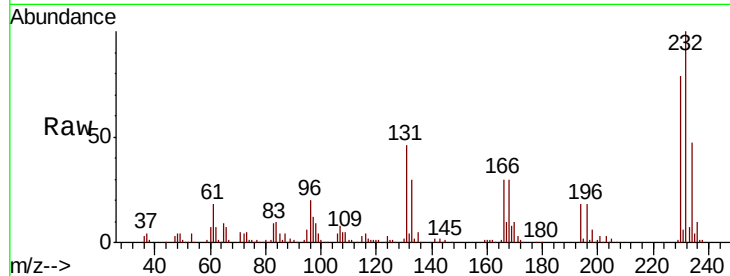




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.778 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.0	35.1	52.7
130	1.9	1.5	2.3
166	28.5	22.4	33.6



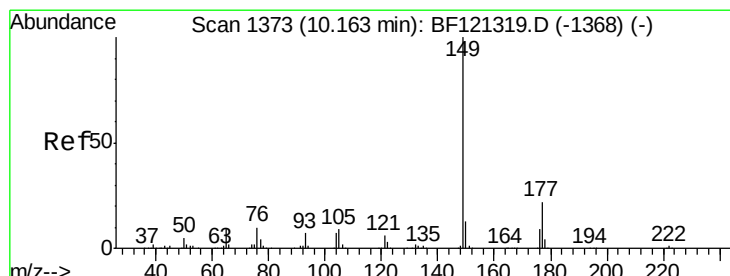
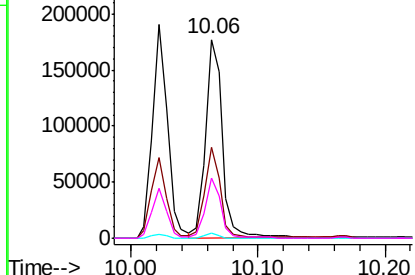
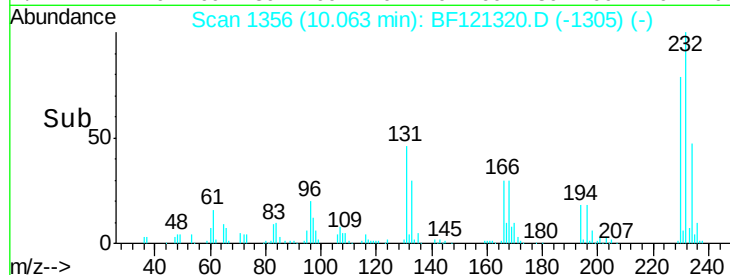
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

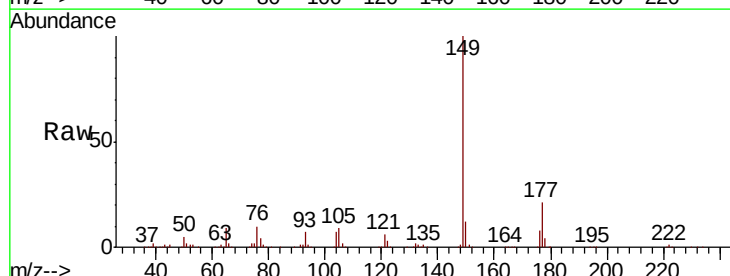
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 44.092 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.3	25.9
150	12.5	10.1	15.1

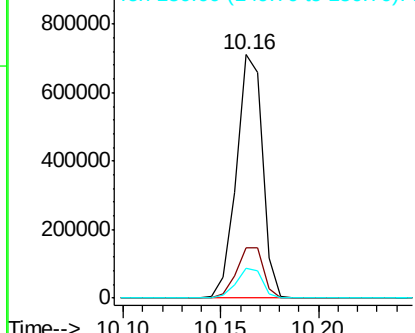
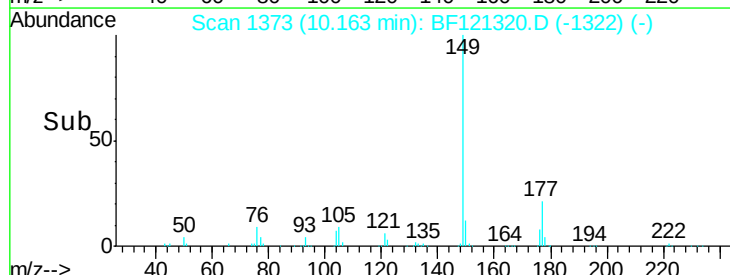


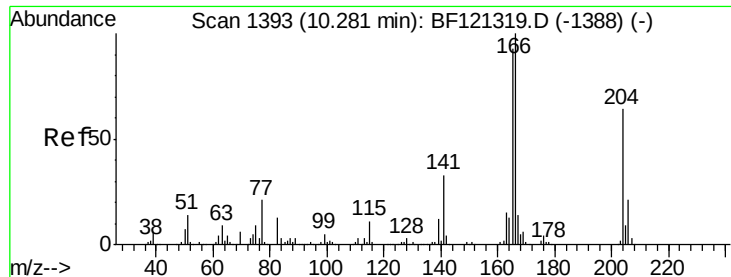
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

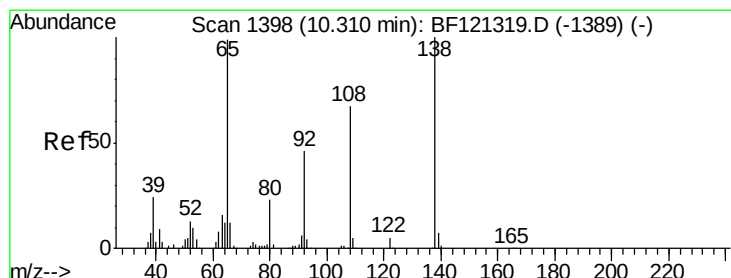
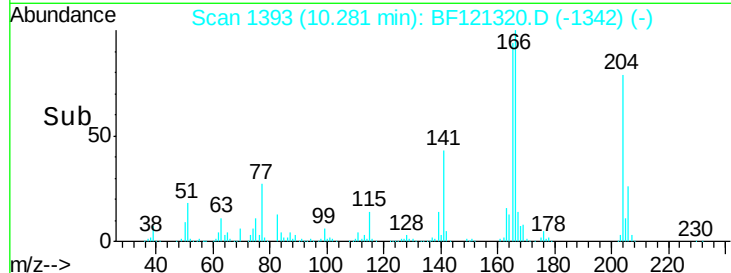
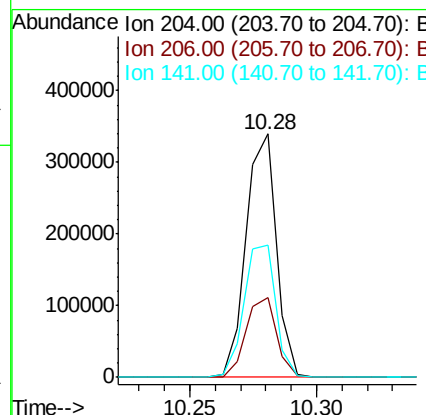
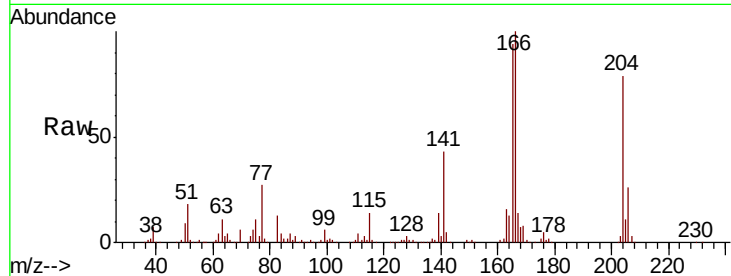




#61
 4-Chlorophenyl-phenylether
 Concen: 39.544 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

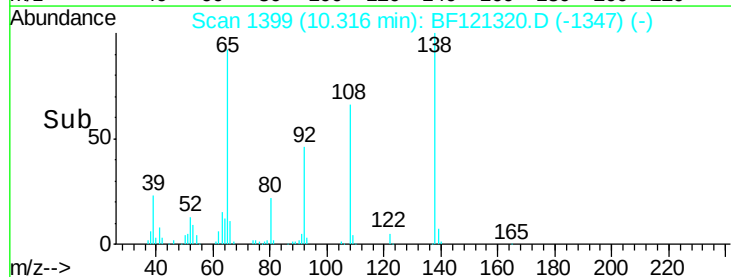
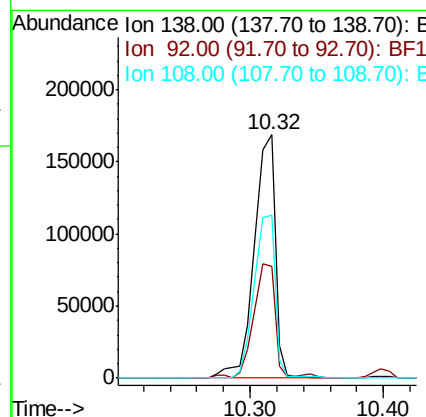
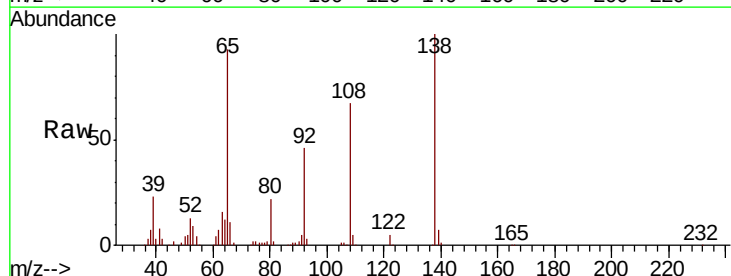
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

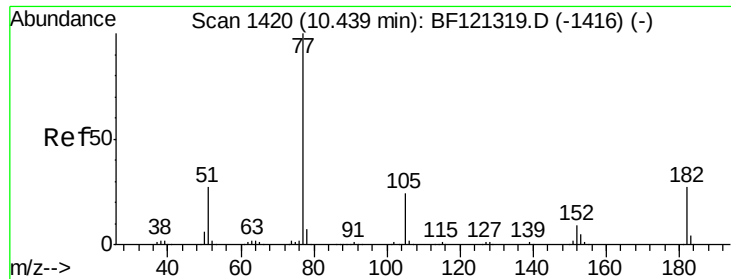
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.1	39.1
141	54.5	41.3	61.9



#62
 4-Nitroaniline
 Concen: 48.469 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.8	26.0	66.0
108	66.8	46.8	86.8





#63

Azobenzene

Concen: 40.459 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 77 Resp: 604563

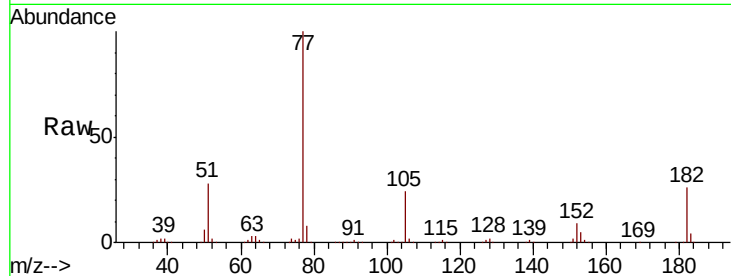
Ion Ratio Lower Upper

77 100

182 25.7 6.9 46.9

105 23.6 3.9 43.9

51 27.9 7.6 47.6

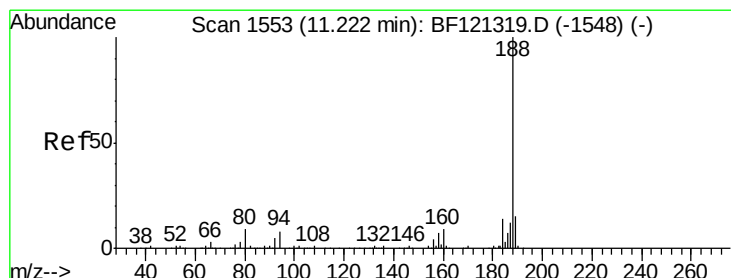
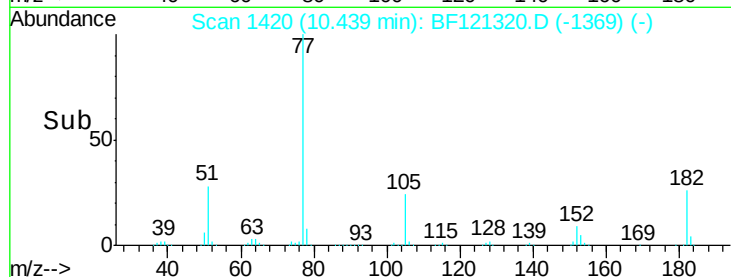
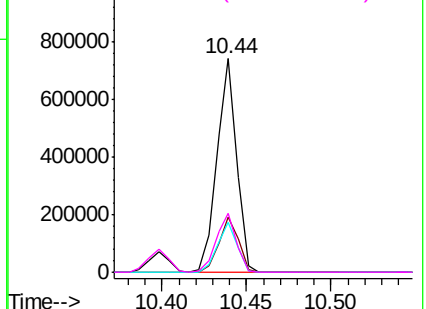


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.22 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

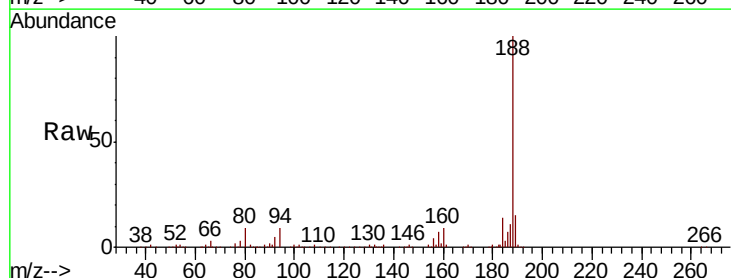
Tgt Ion: 188 Resp: 372269

Ion Ratio Lower Upper

188 100

94 8.6 6.6 9.8

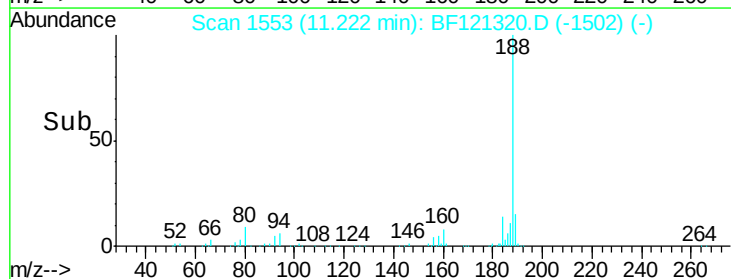
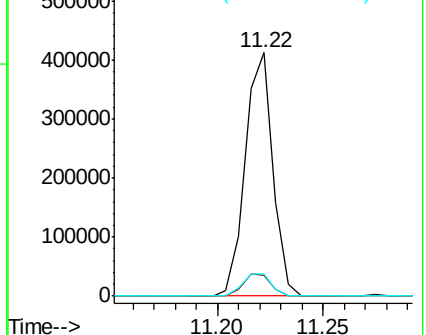
80 9.0 7.1 10.7

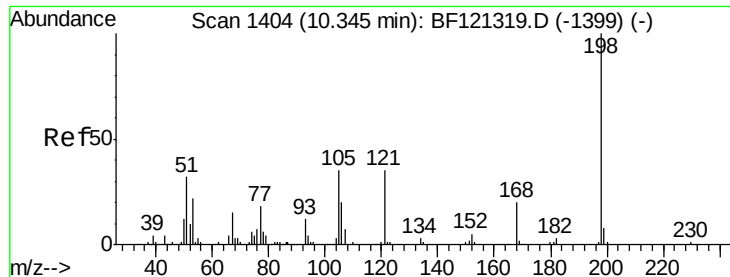


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

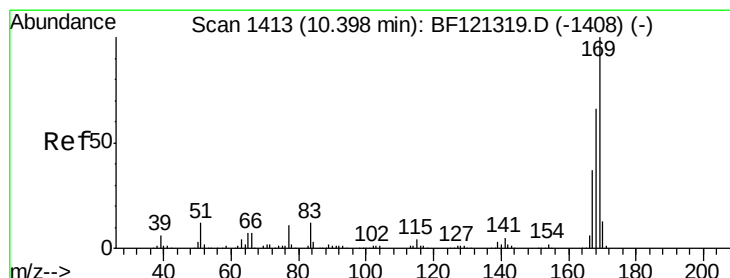
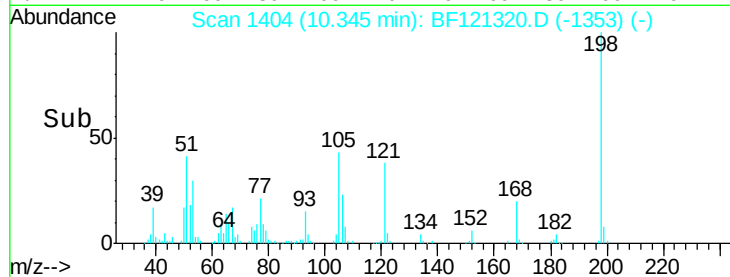
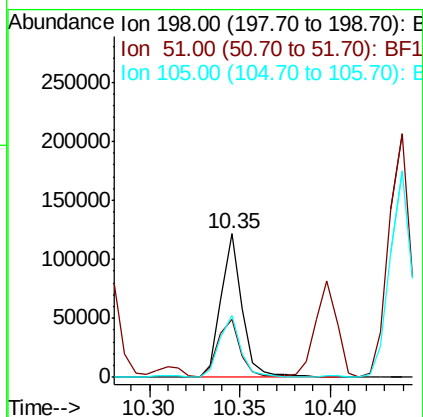
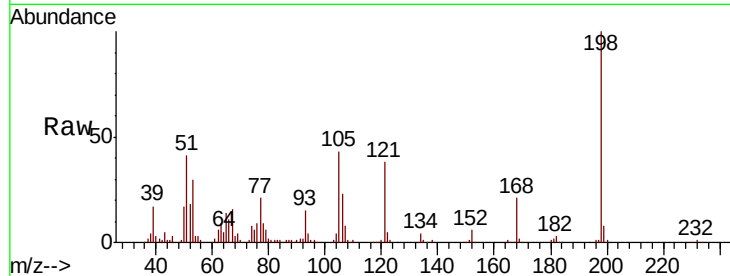




#65
4,6-Dinitro-2-methylphenol
Concen: 47.929 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF121320.D
Acq: 18 Aug 2020 12:03

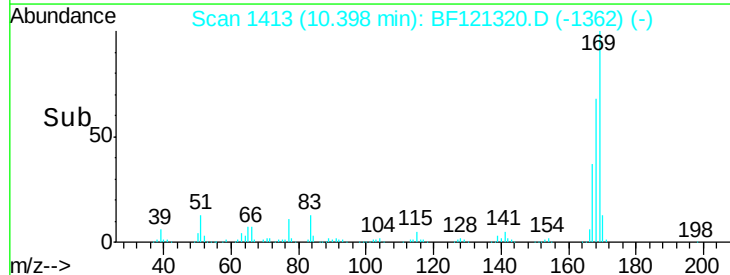
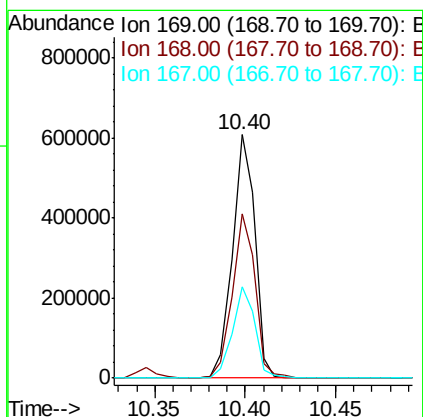
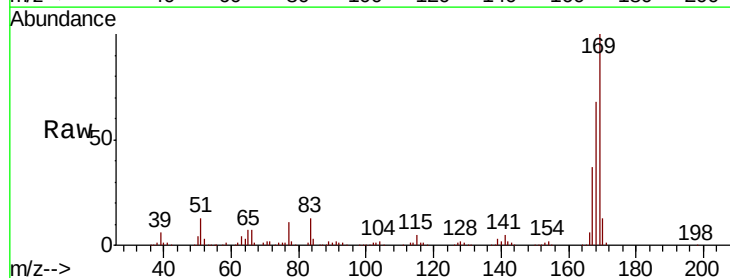
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

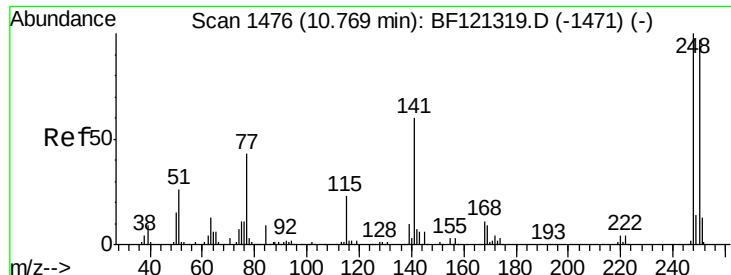
Tot Ion	Ratio	Lower	Upper
198	100		
51	40.7	15.0	55.0
105	43.2	15.9	55.9



#66
n-Nitrosodiphenylamine
Concen: 41.164 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF121320.D
Acq: 18 Aug 2020 12:03

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.1	79.7
167	37.3	29.3	43.9

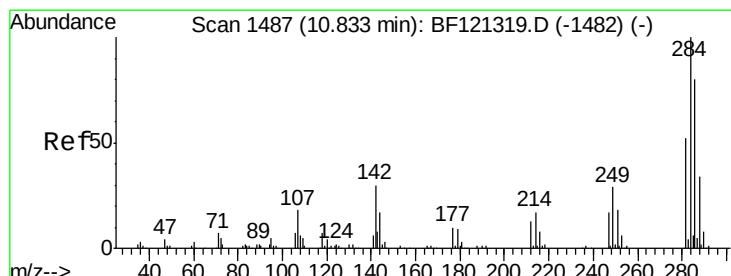
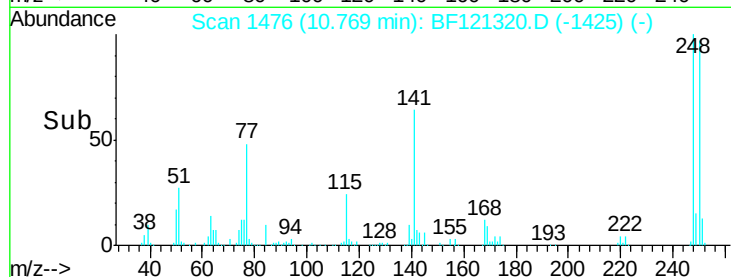
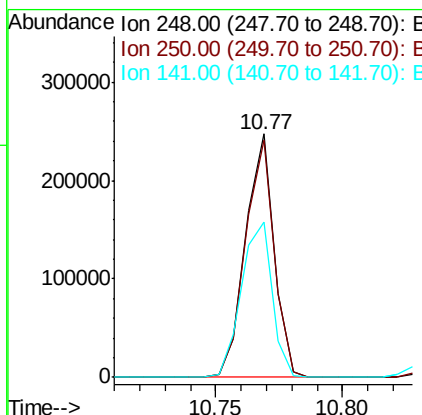
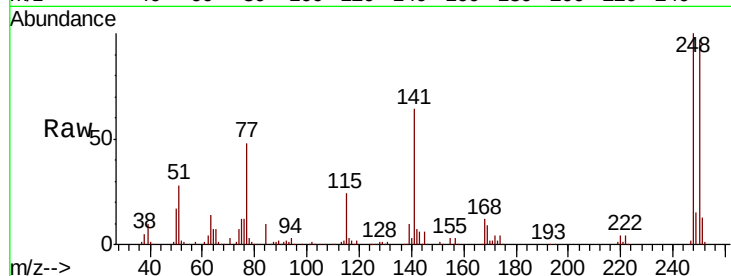




#67
 4-Bromophenyl-phenylether
 Concen: 44.652 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

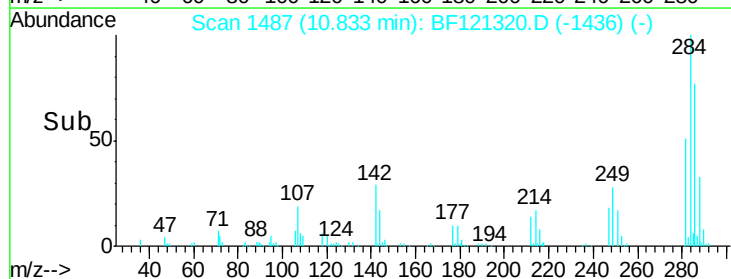
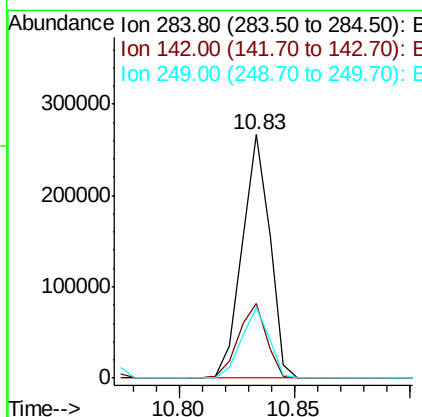
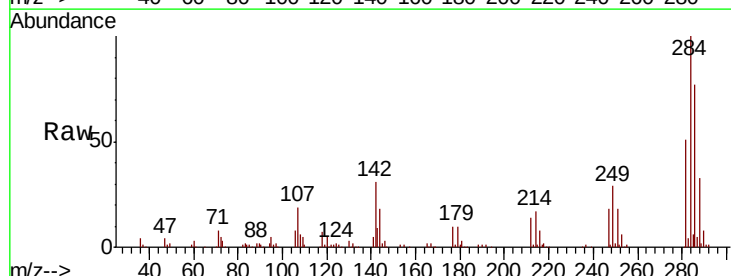
Instrument :
 BNA_F
 ClientSampleId :
 SSTDIC050

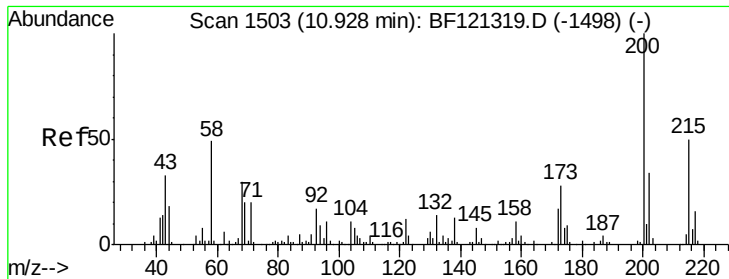
Tot Ion:248 Resp: 193895
 Ion Ratio Lower Upper
 248 100
 250 97.3 77.7 116.5
 141 63.8 48.0 72.0



#68
 Hexachlorobenzene
 Concen: 45.147 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

Tgt Ion:284 Resp: 223557
 Ion Ratio Lower Upper
 284 100
 142 30.6 23.7 35.5
 249 29.1 22.9 34.3

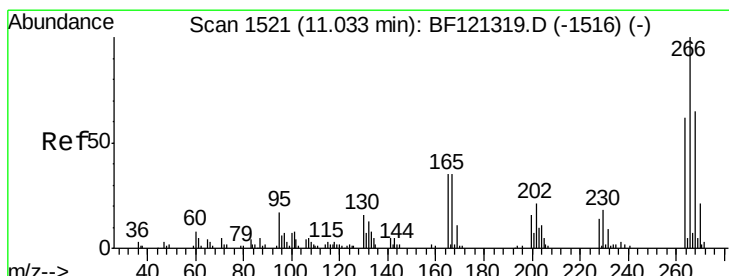
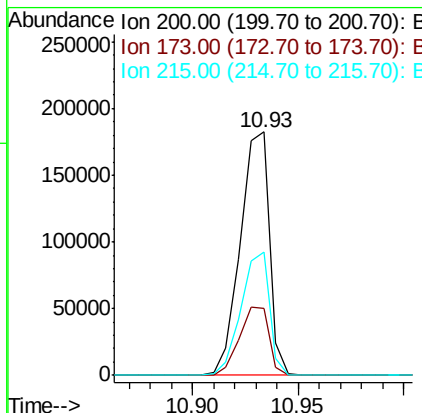
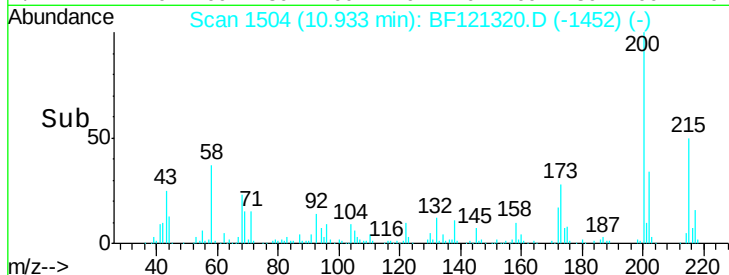
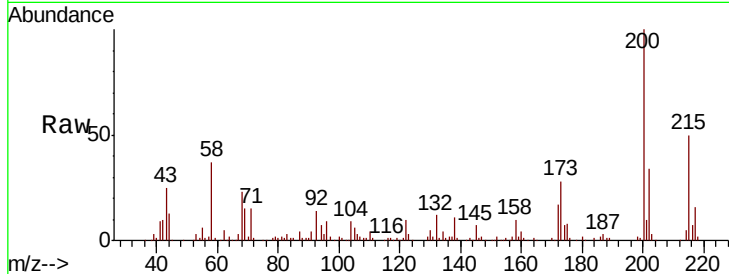




#69
Atrazine
Concen: 45.666 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF121320.D
Acq: 18 Aug 2020 12:03

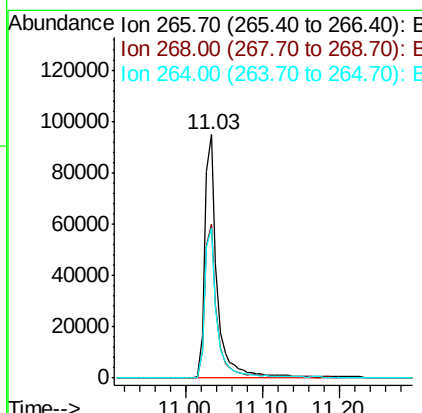
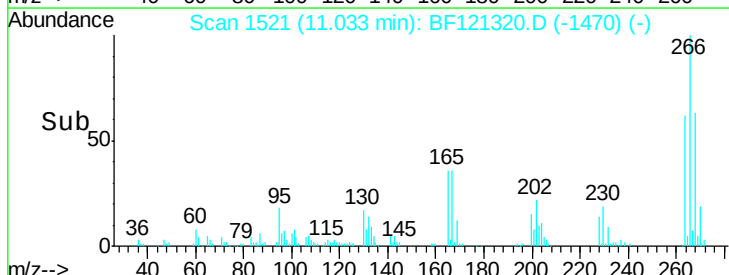
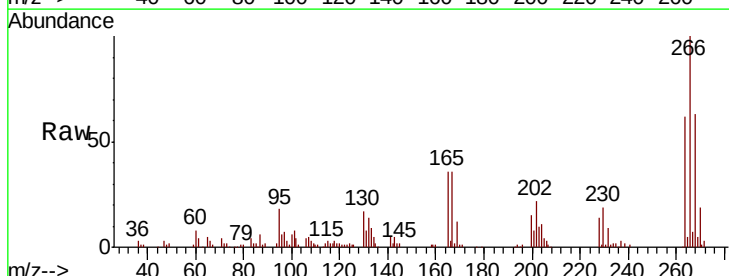
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

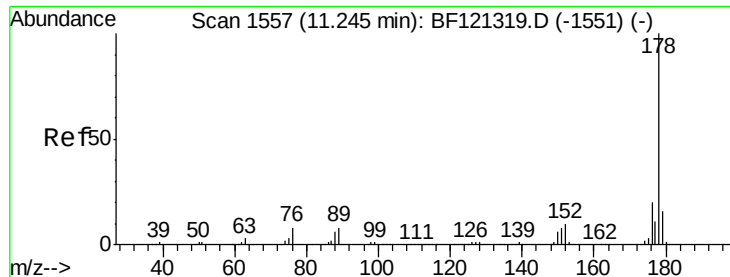
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	8.4	48.4
215	50.5	29.9	69.9



#70
Pentachlorophenol
Concen: 59.052 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF121320.D
Acq: 18 Aug 2020 12:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.9	77.9
264	61.7	49.3	73.9

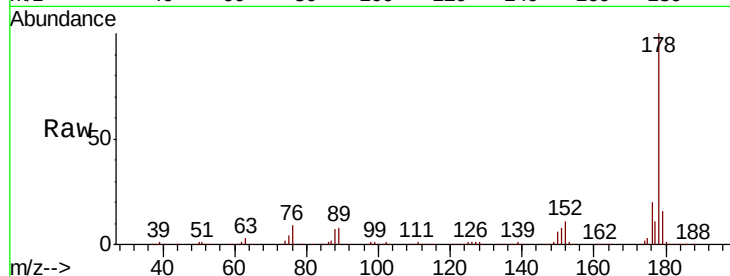




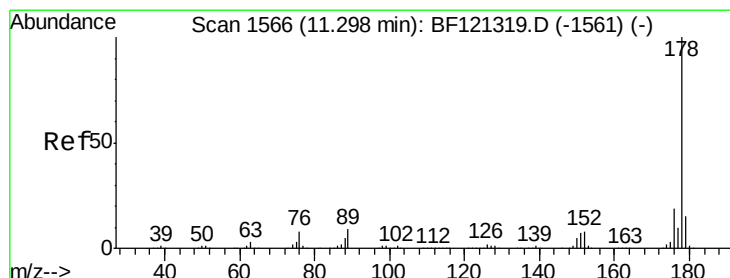
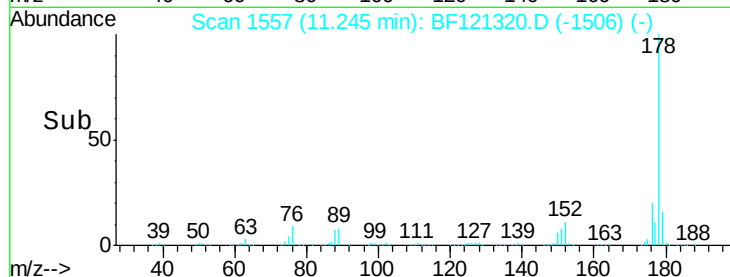
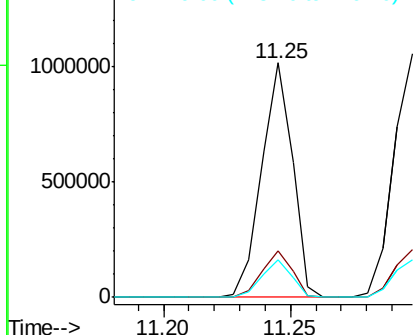
#71
Phenanthrene
Concen: 40.714 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF121320.D
Acq: 18 Aug 2020 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion:178 Resp: 867102
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 15.8 12.4 18.6

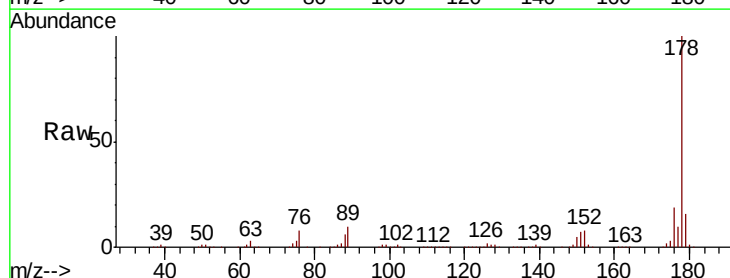


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

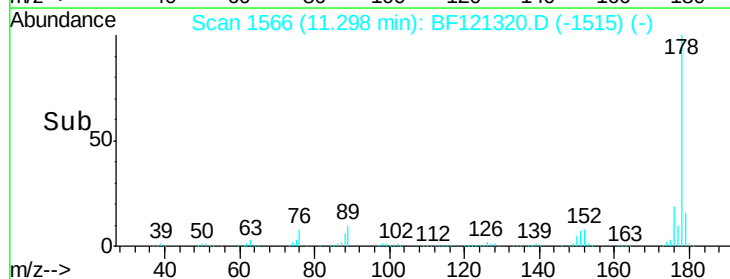
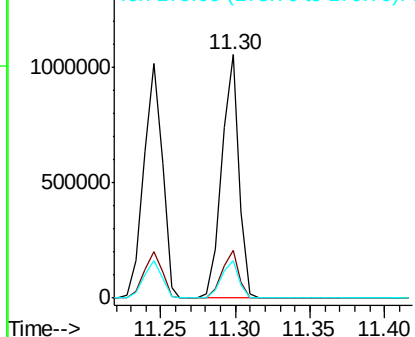


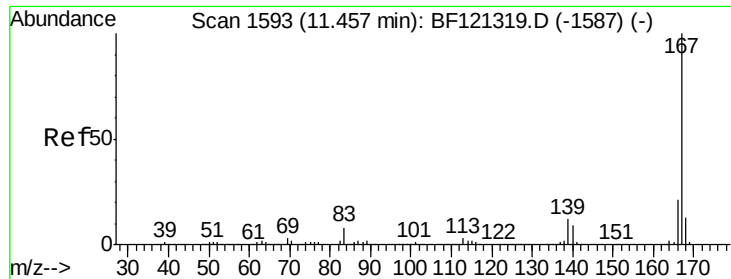
#72
Anthracene
Concen: 40.263 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF121320.D
Acq: 18 Aug 2020 12:03

Tgt Ion:178 Resp: 860501
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 15.6 12.4 18.6



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

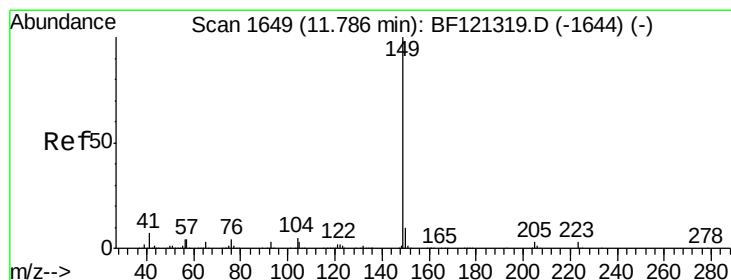
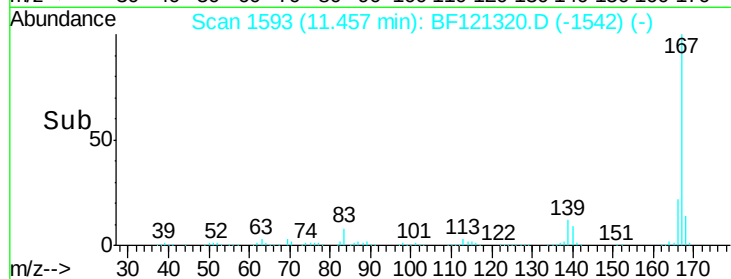
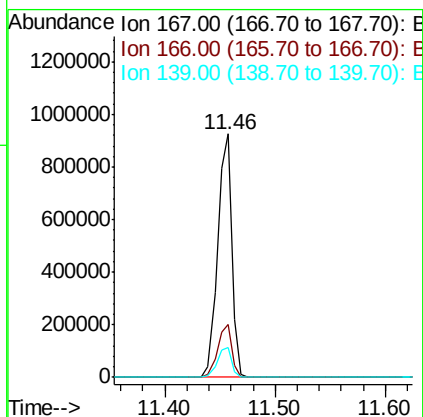
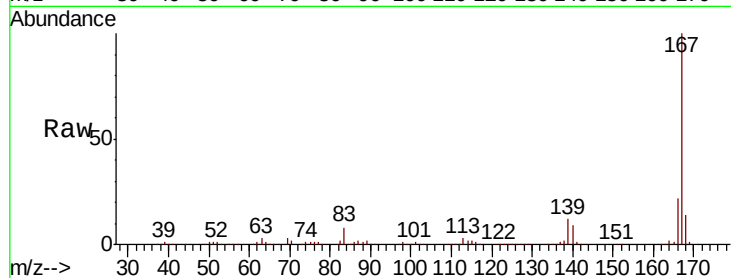




#73
 Carbazole
 Concen: 39.326 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

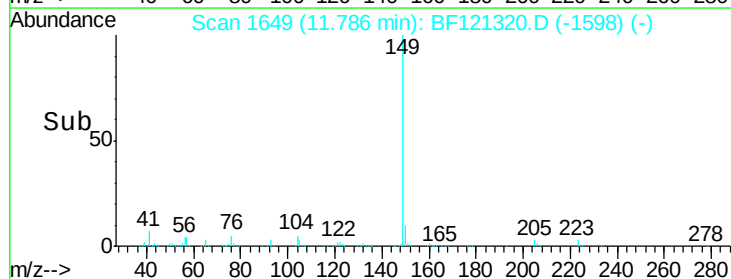
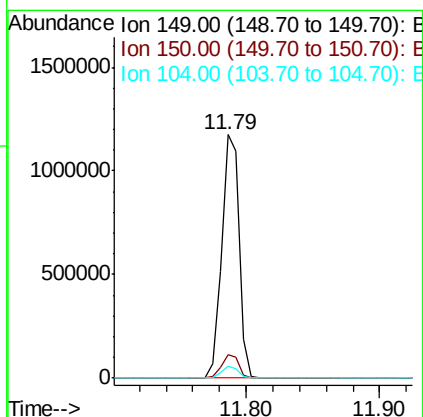
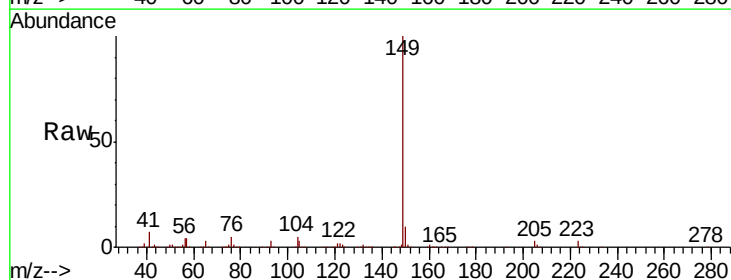
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

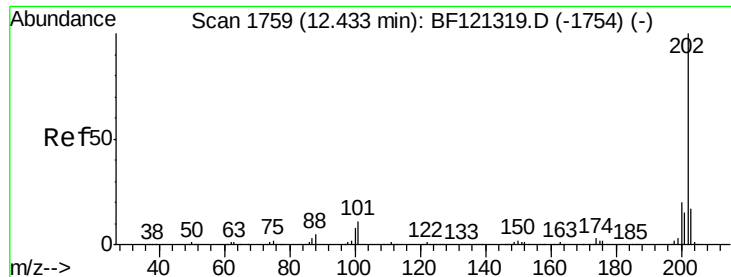
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.1	25.7
139	12.5	9.4	14.2



#74
 Di-n-butylphthalate
 Concen: 45.717 ng
 RT: 11.79 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	4.8	3.7	5.5

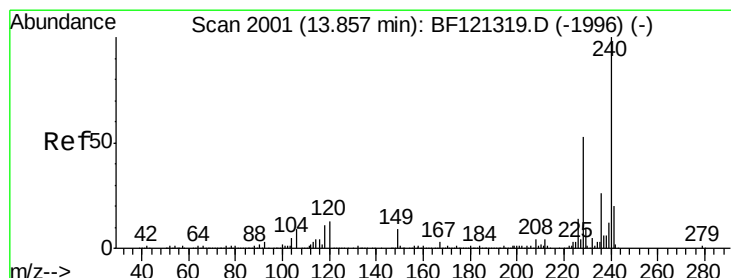
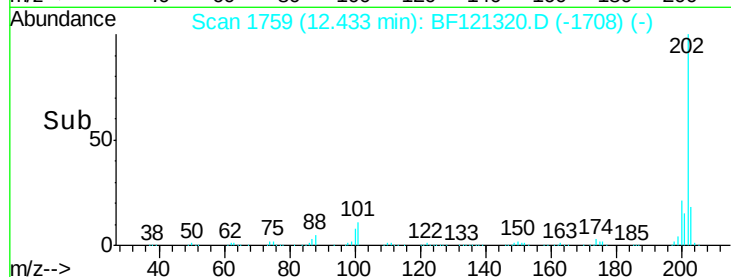
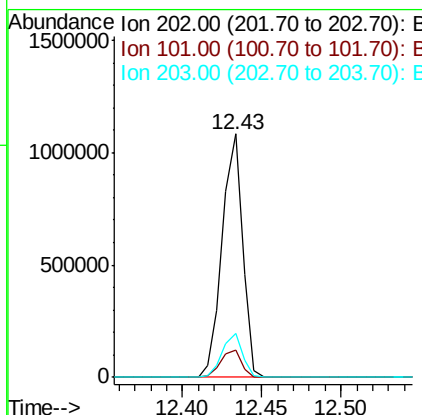
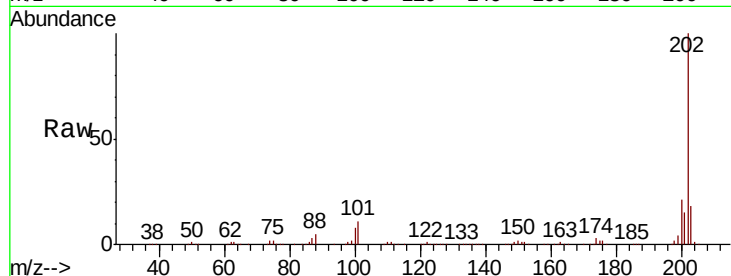




#75
 Fluoranthene
 Concen: 41.147 ng
 RT: 12.43 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

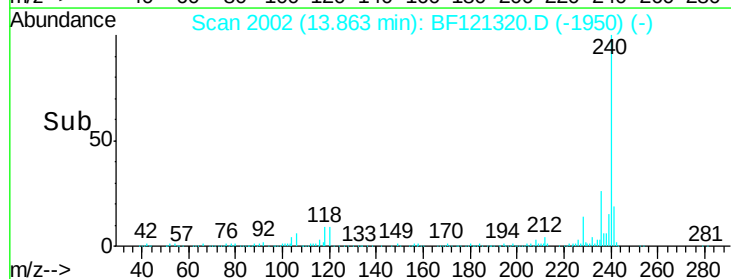
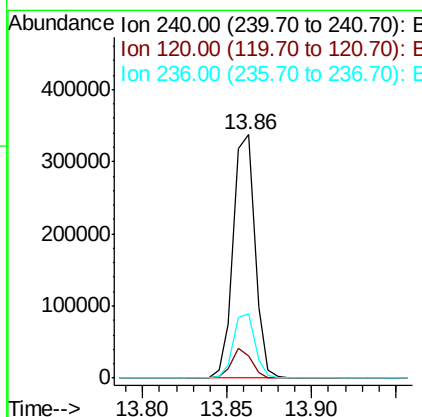
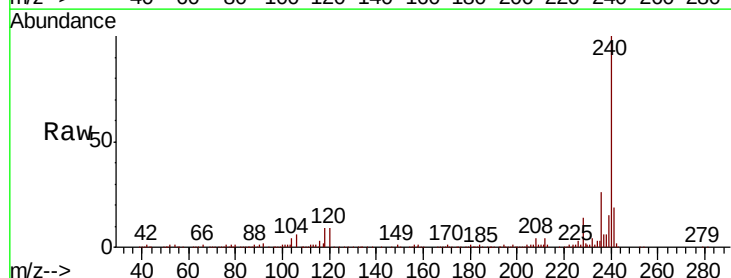
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

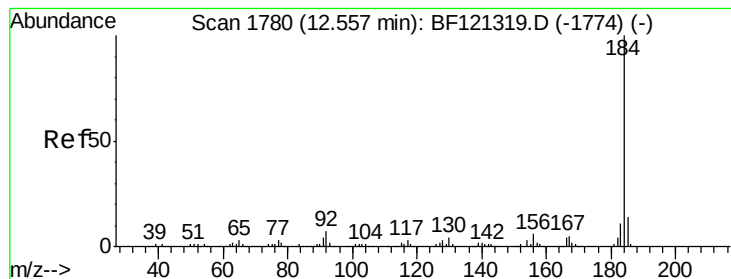
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.6
203	17.8	0.0	37.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	10.2	15.2#
236	26.3	21.1	31.7





#77

Benzidine

Concen: 58.331 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

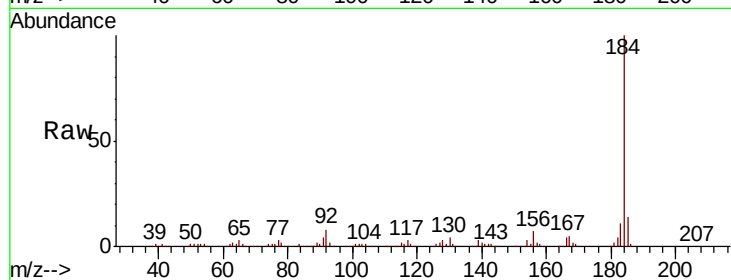
Tot Ion:184 Resp: 464427

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.4	17.2
183	10.8	8.6	13.0

184 100

185 14.4 11.4 17.2

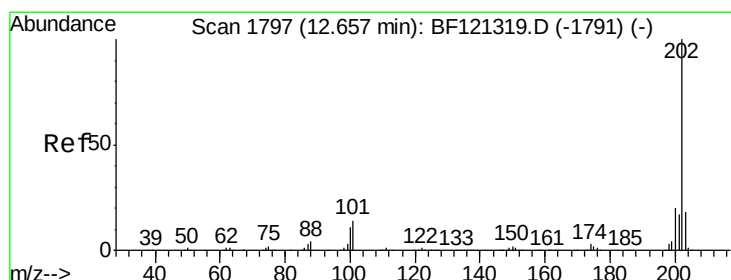
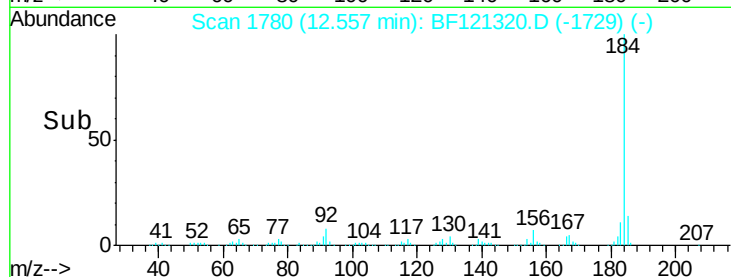
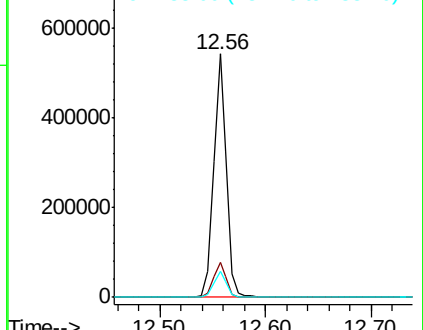
183 10.8 8.6 13.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.320 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

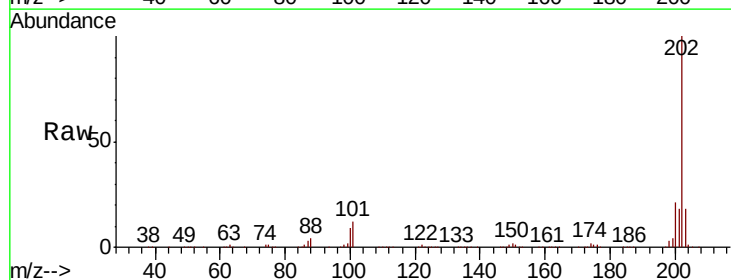
Tgt Ion:202 Resp: 999577

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.4	24.6
203	17.7	14.1	21.1

202 100

200 20.6 16.4 24.6

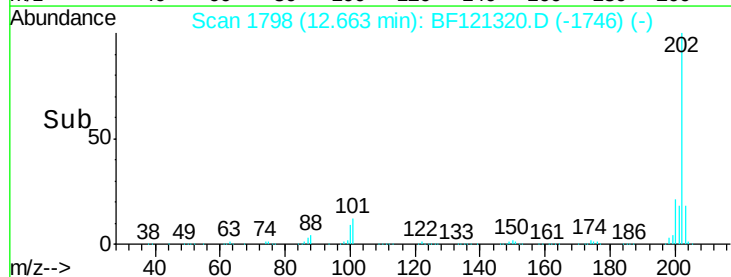
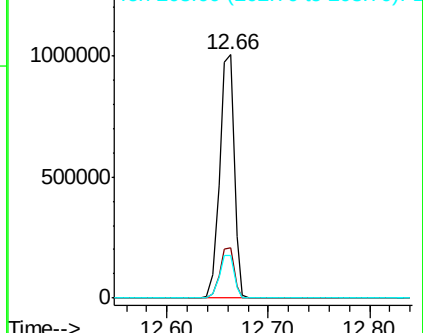
203 17.7 14.1 21.1

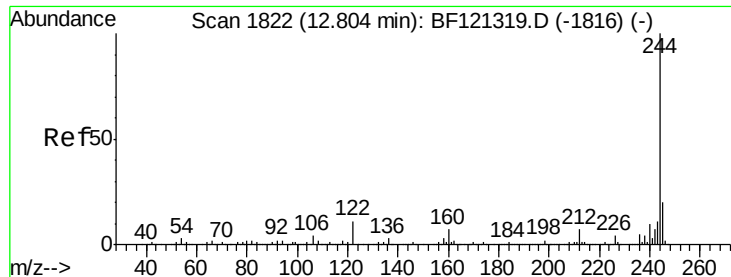


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

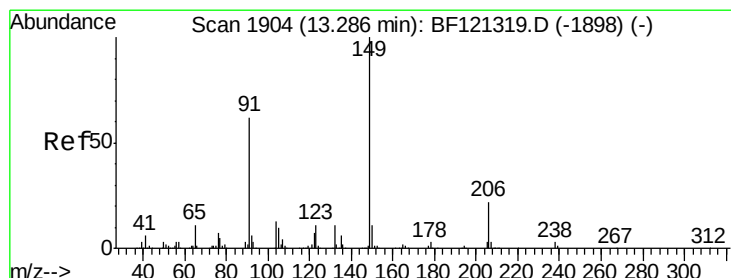
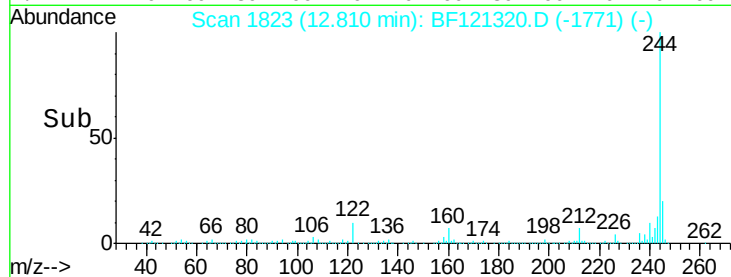
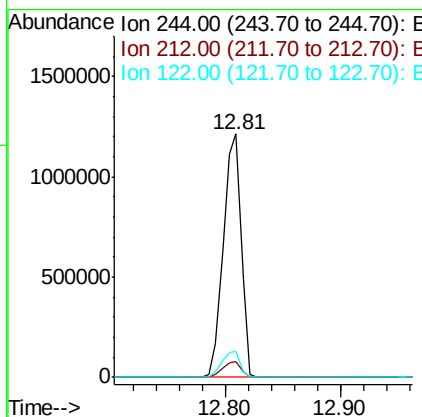
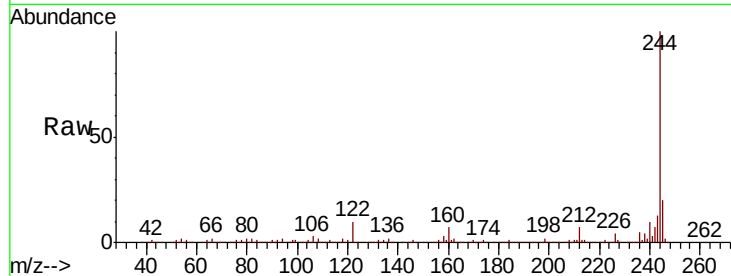




#79
 Terphenyl-d14
 Concen: 83.322 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. 0.01 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

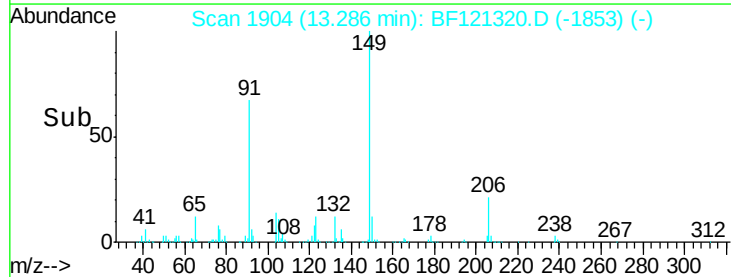
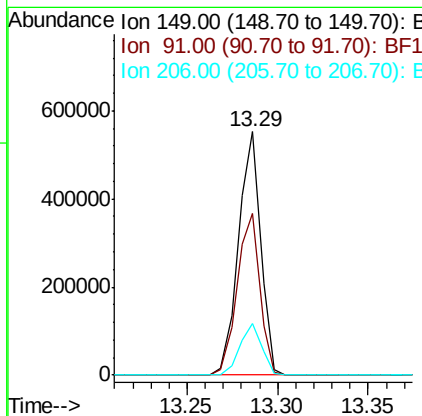
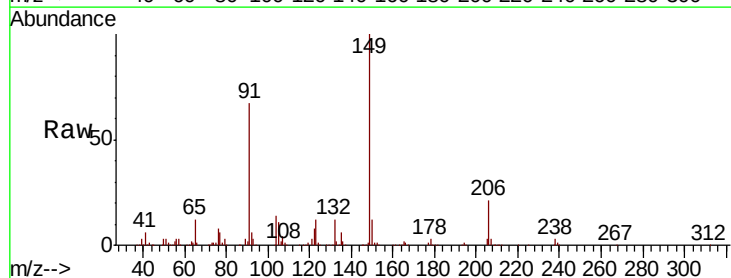
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

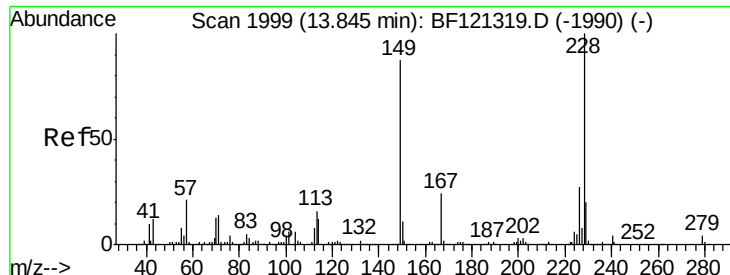
Tot Ion:244 Resp: 1294548
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 10.5 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 50.979 ng
 RT: 13.29 min Scan# 1904
 Delta R.T. 0.00 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

Tgt Ion:149 Resp: 469646
 Ion Ratio Lower Upper
 149 100
 91 66.6 49.9 74.9
 206 21.4 17.4 26.2





#81

Benzo(a)anthracene

Concen: 39.794 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

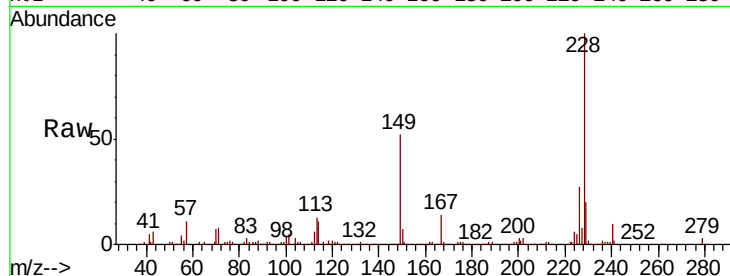
Tot Ion:228 Resp: 817440

Ion Ratio Lower Upper

228 100

226 27.4 22.0 33.0

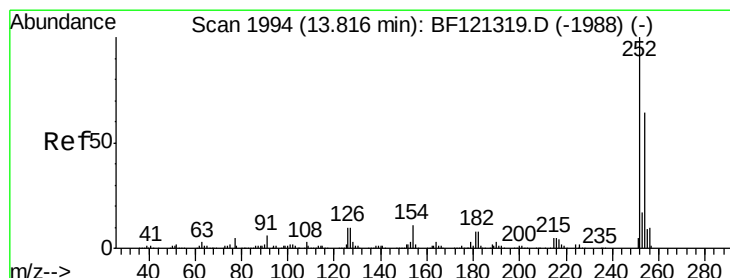
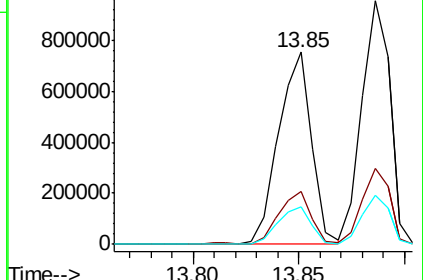
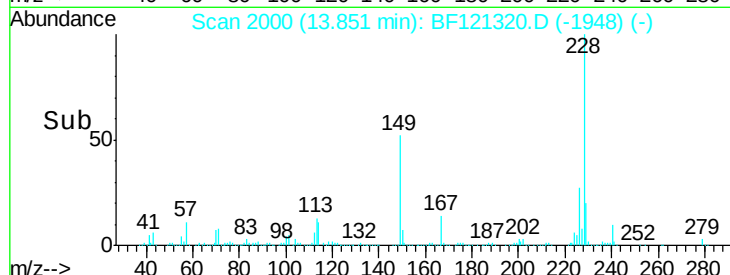
229 19.8 16.1 24.1



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: 42.729 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF121320.D

Acq: 18 Aug 2020 12:03

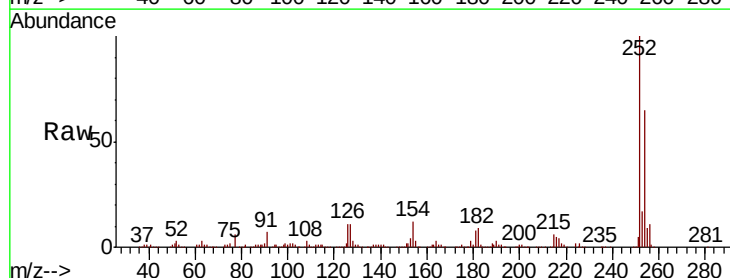
Tgt Ion:252 Resp: 348243

Ion Ratio Lower Upper

252 100

254 65.2 50.8 76.2

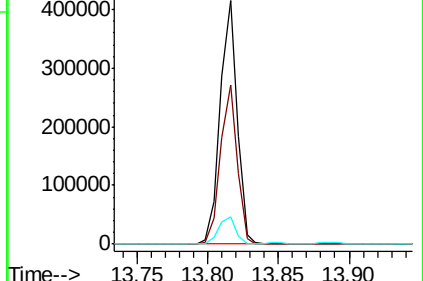
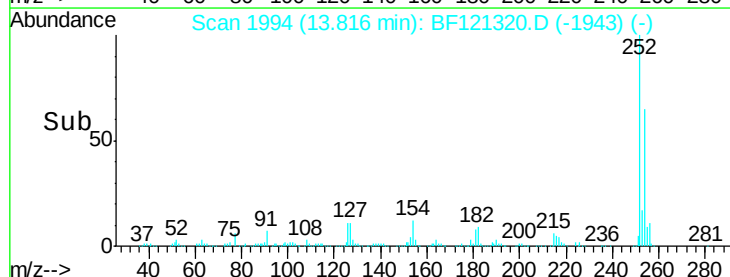
126 11.2 7.9 11.9

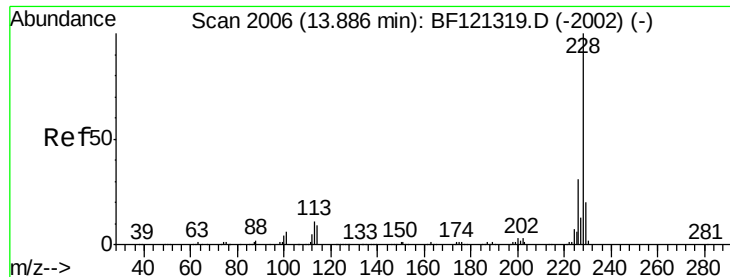


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

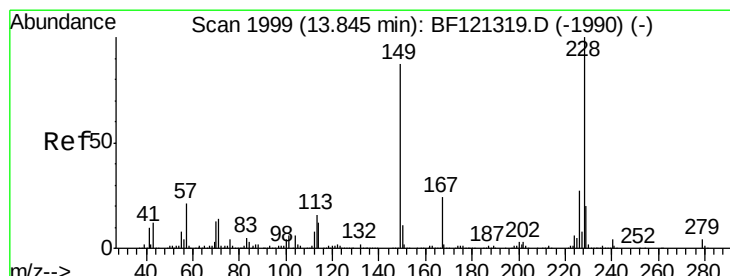
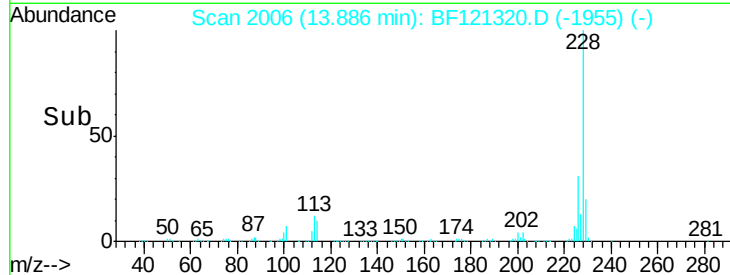
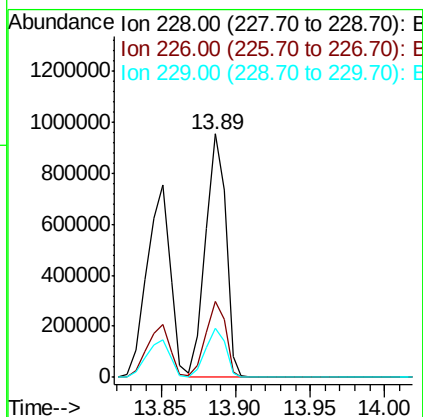
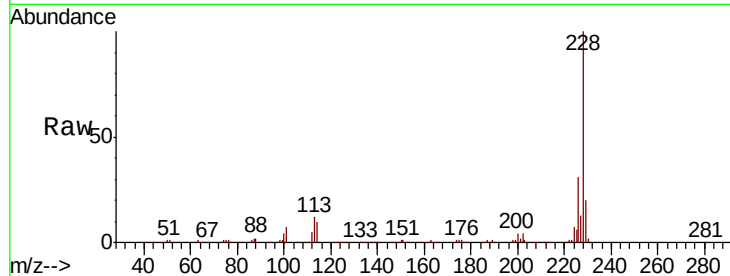




#83
 Chrysene
 Concen: 42.526 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

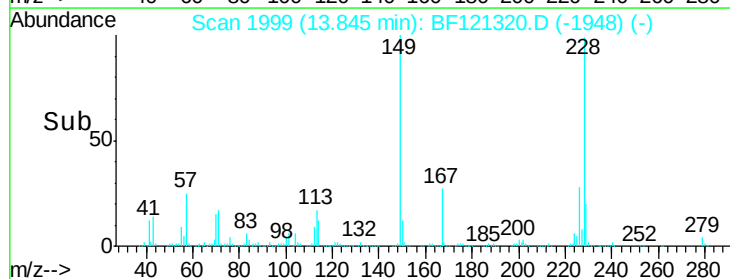
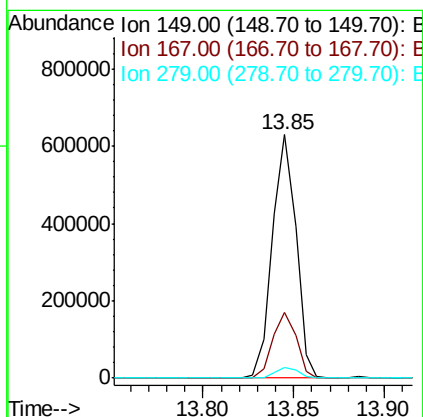
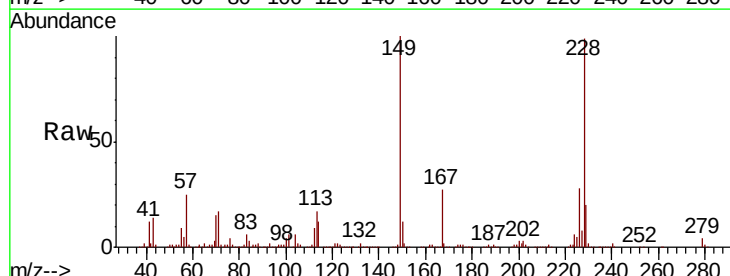
Instrument :
 BNA_F
 ClientSampleId :
 SSTDIC050

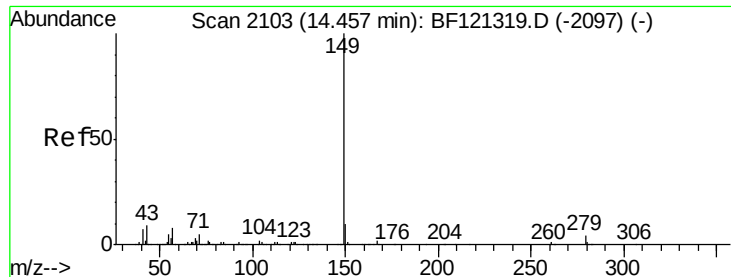
Tot Ion:228 Resp: 891899
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.5 36.7
 229 20.3 15.9 23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.157 ng
 RT: 13.85 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

Tgt Ion:149 Resp: 573403
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.2 33.4
 279 4.2 3.3 4.9

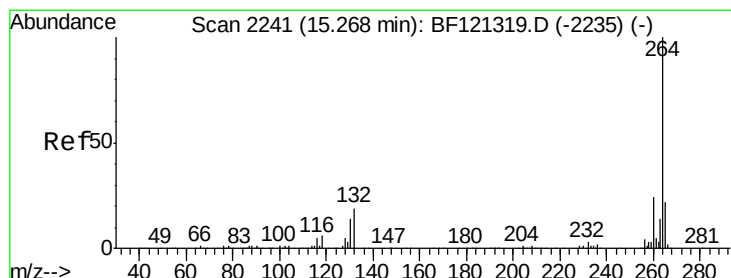
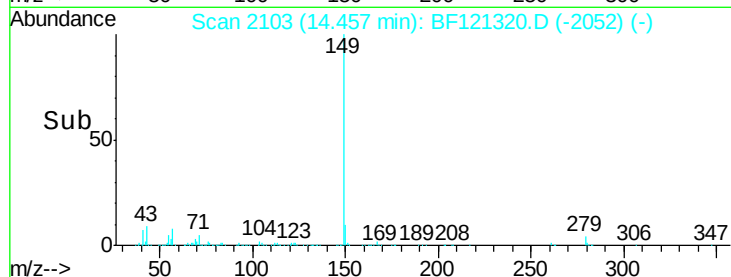
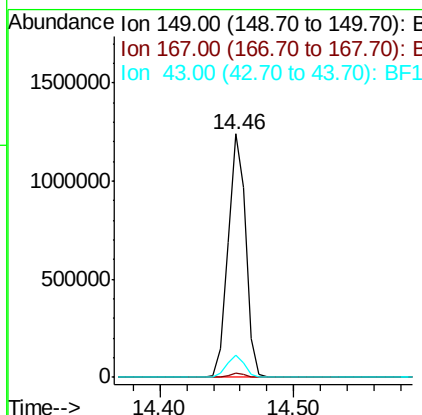
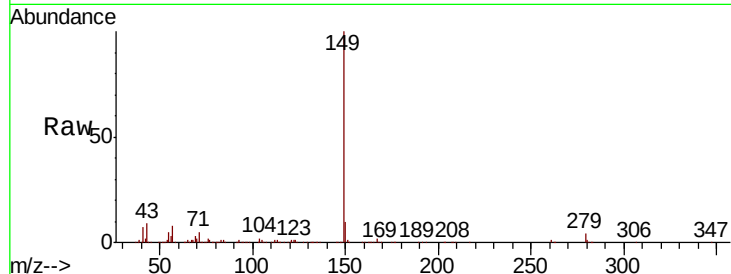




#85
Di-n-octyl phthalate
Concen: 49.680 ng
RT: 14.46 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BF121320.D
Acq: 18 Aug 2020 12:03

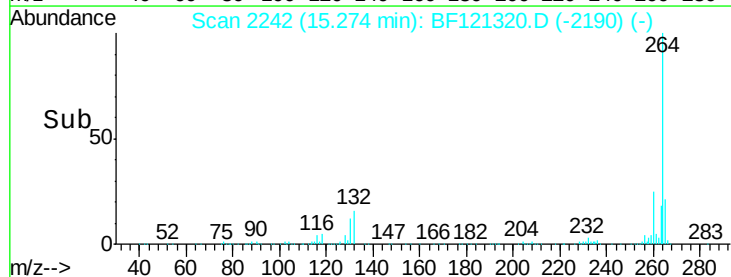
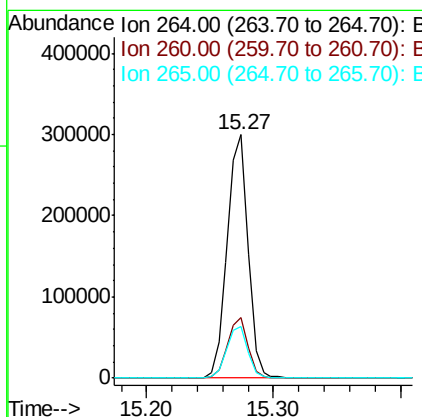
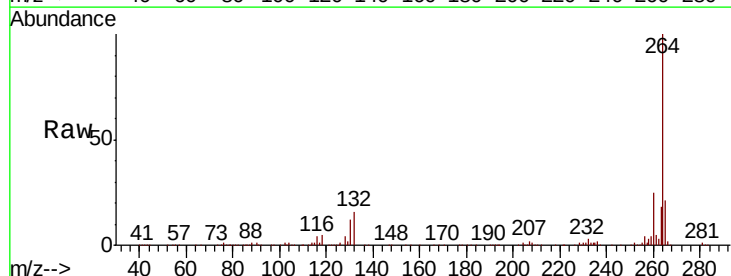
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

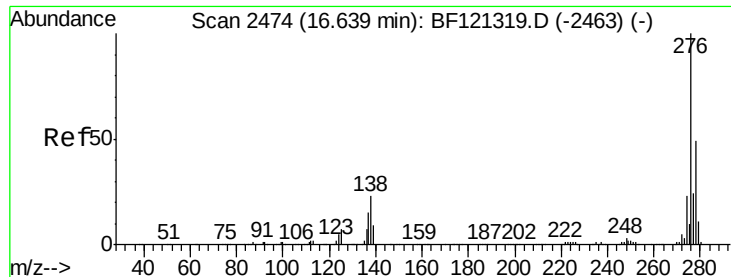
Tot Ion:149 Resp: 1156624
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.2 7.4 11.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF121320.D
Acq: 18 Aug 2020 12:03

Tgt Ion:264 Resp: 339053
Ion Ratio Lower Upper
264 100
260 24.9 19.6 29.4
265 21.1 17.5 26.3

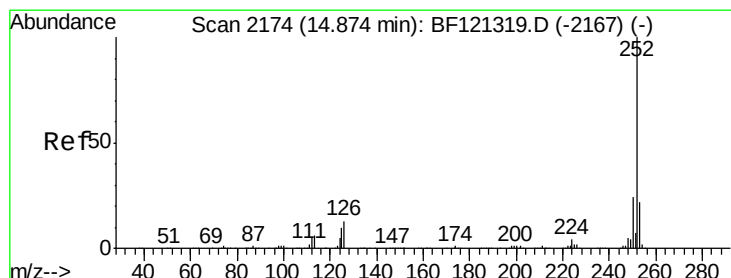
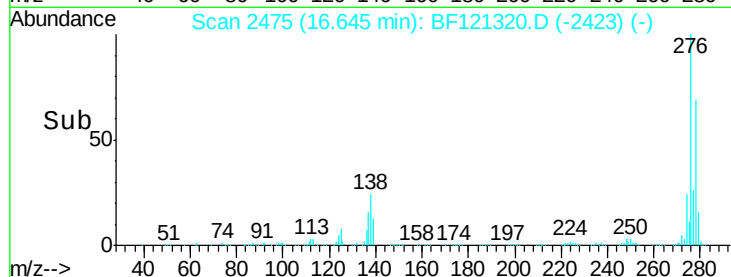
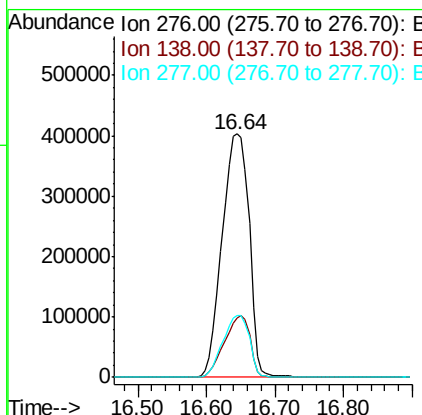
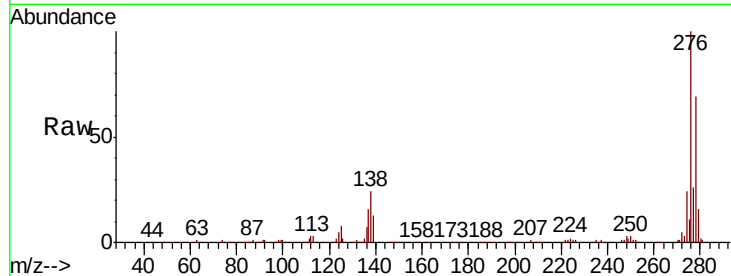




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.430 ng
 RT: 16.64 min Scan# 2475
 Delta R.T. 0.01 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

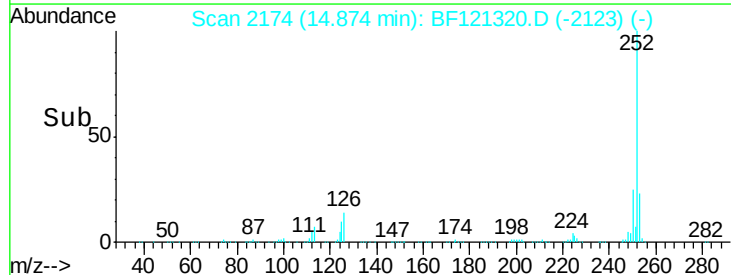
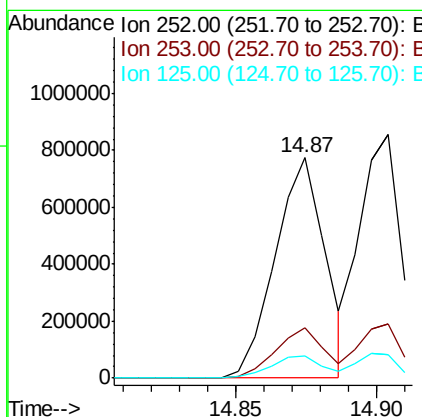
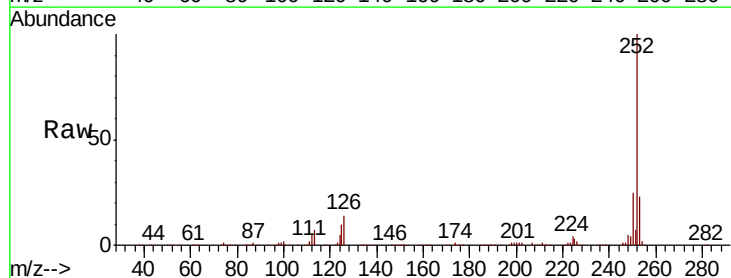
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

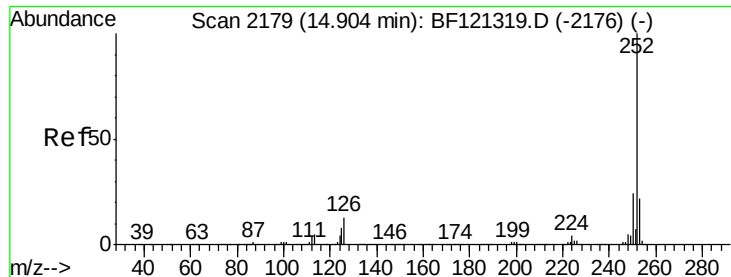
Tot Ion:276 Resp: 1094789
 Ion Ratio Lower Upper
 276 100
 138 24.1 19.4 29.0
 277 25.2 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 41.767 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: BF121320.D
 Acq: 18 Aug 2020 12:03

Tgt Ion:252 Resp: 948843
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.8 26.8
 125 10.1 7.6 11.4

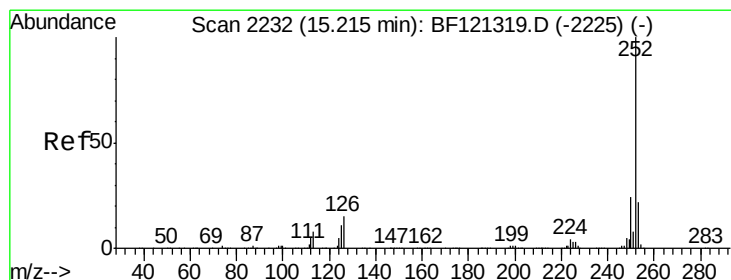
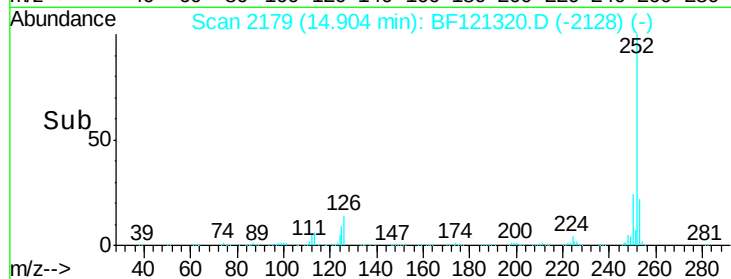
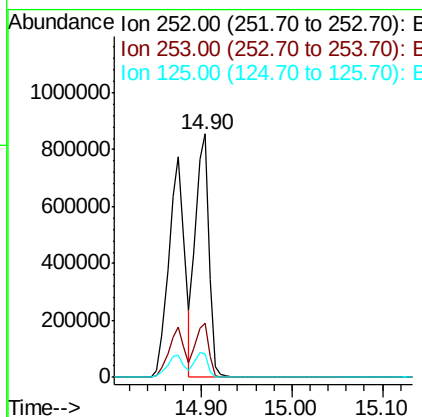
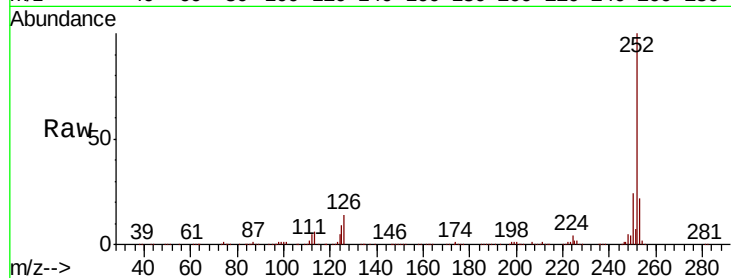




#89
Benzo(k)fluoranthene
Concen: 41.414 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF121320.D
Acq: 18 Aug 2020 12:03

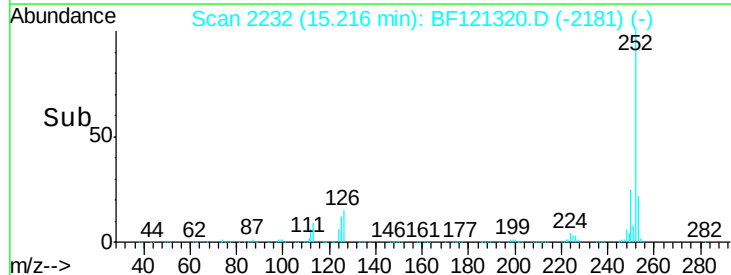
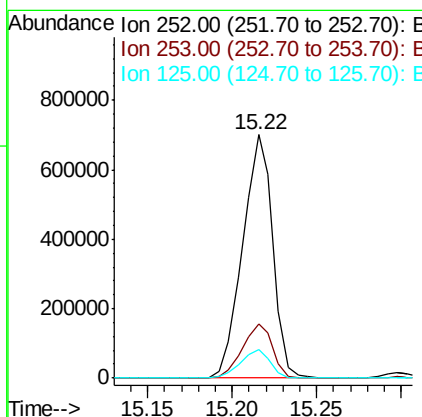
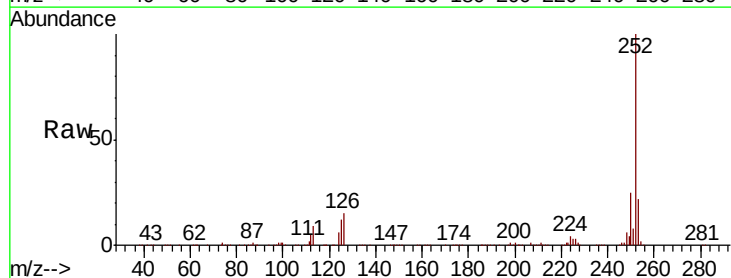
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

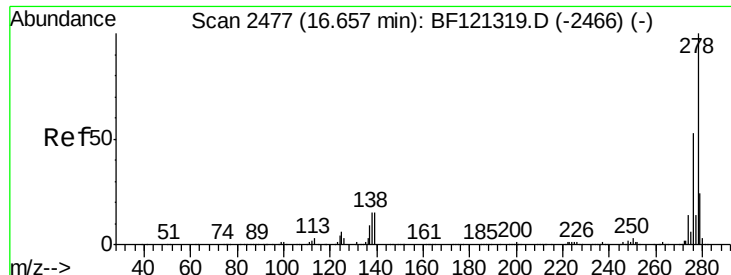
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	9.5	7.2	10.8



#90
Benzo(a)pyrene
Concen: 42.420 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF121320.D
Acq: 18 Aug 2020 12:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	11.9	8.7	13.1

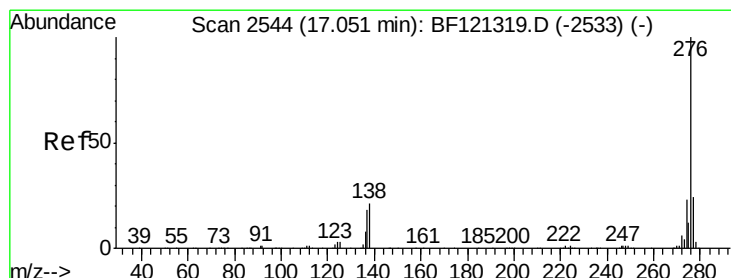
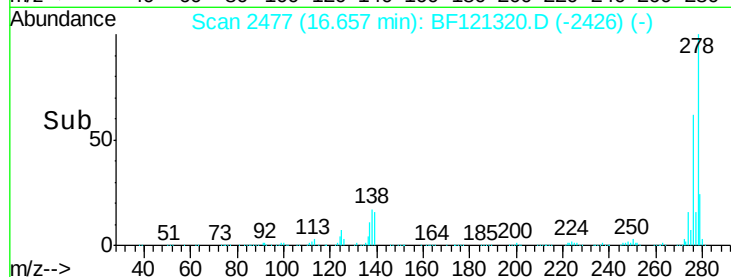
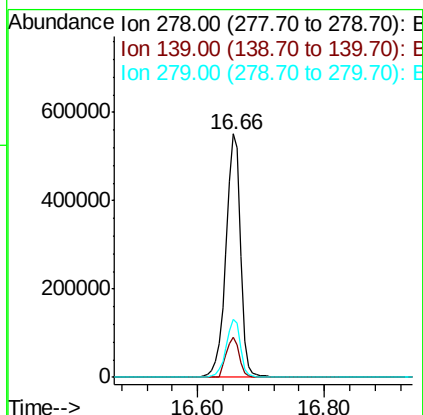
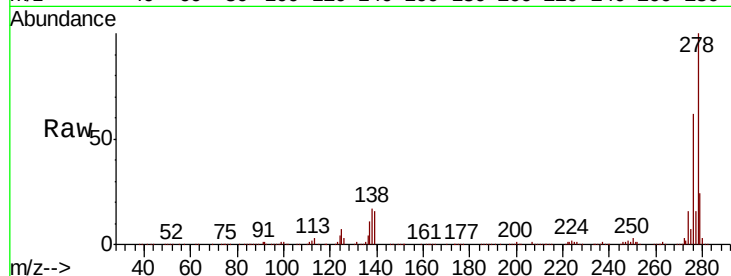




#91
Dibenzo(a,h)anthracene
Concen: 41.202 ng
RT: 16.66 min Scan# 2477
Delta R.T. 0.00 min
Lab File: BF121320.D
Acq: 18 Aug 2020 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.4	18.6
279	23.9	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 42.259 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF121320.D
Acq: 18 Aug 2020 12:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	21.2	17.1	25.7

