

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
 Data File : BF120710.D
 Acq On : 26 Jun 2020 15:50
 Operator : JU/CG
 Sample : L2811-04MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Quant Time: Jun 26 16:54:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	123613	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	556524	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	291653	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	564301	20.00	ng	0.00
76) Chrysene-d12	13.96	240	243954	20.00	ng	0.00
86) Perylene-d12	15.40	264	275659	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	985540	136.69	ng	0.00
7) Phenol-d6	6.44	99	1092925	121.71	ng	0.00
23) Nitrobenzene-d5	7.36	82	960839	96.51	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	453450	133.73	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1751151	91.86	ng	0.00
79) Terphenyl-d14	12.90	244	1243011	112.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	170135	49.787	ng	# 84
3) Pyridine	3.36	79	384803	40.057	ng	97
4) n-Nitrosodimethylamine	3.28	42	191865	48.127	ng	96
6) Aniline	6.46	93	313256	27.257	ng	# 57
8) 2-Chlorophenol	6.58	128	416080	51.068	ng	100
9) Benzaldehyde	6.35	77	102375	18.024	ng	98
10) Phenol	6.45	94	411691	42.969	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	386787	48.466	ng	98
12) 1,3-Dichlorobenzene	6.73	146	418563	48.323	ng	97
13) 1,4-Dichlorobenzene	6.81	146	440359	51.528	ng	98
14) 1,2-Dichlorobenzene	6.97	146	395599	47.520	ng	99
15) Benzyl Alcohol	6.94	79	305923	48.038	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	651604	56.706	ng	96
17) 2-Methylphenol	7.06	107	380934	54.818	ng	98
18) Hexachloroethane	7.30	117	191072	60.676	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	310976	59.700	ng	96
20) 3+4-Methylphenols	7.21	107	432055	49.755	ng	92
22) Acetophenone	7.20	105	620864	49.900	ng	# 97
24) Nitrobenzene	7.38	77	498849	47.879	ng	99
25) Isophorone	7.62	82	913733	47.113	ng	98
26) 2-Nitrophenol	7.69	139	275374	49.959	ng	99
27) 2,4-Dimethylphenol	7.73	122	404668	49.862	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	584059	51.952	ng	100
29) 2,4-Dichlorophenol	7.94	162	414030	50.187	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	455072	49.776	ng	99
31) Naphthalene	8.10	128	1374060	50.282	ng	99
32) Benzoic acid	7.86	122	139115	22.341	ng	97
33) 4-Chloroaniline	8.15	127	295855	23.587	ng	99
34) Hexachlorobutadiene	8.22	225	263396	49.425	ng	99
35) Caprolactam	8.53	113	64090	24.290	ng	94
36) 4-Chloro-3-methylphenol	8.64	107	427253	51.838	ng	98
37) 2-Methylnaphthalene	8.79	142	941953	52.802	ng	100
38) 1-Methylnaphthalene	8.89	142	887217	52.853	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	431147	49.509	ng	99

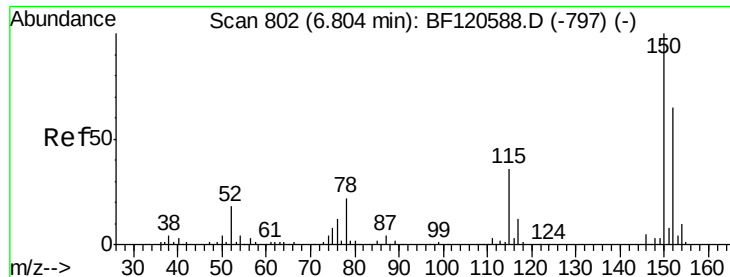
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	411886	84.403	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	307323	49.749	ng	98
44) 2,4,5-Trichlorophenol	9.12	196	331552	47.307	ng	97
46) 1,1'-Biphenyl	9.26	154	1120533	51.453	ng	100
47) 2-Chloronaphthalene	9.28	162	888877	49.913	ng	99
48) 2-Nitroaniline	9.38	65	273772	48.948	ng	94
49) Acenaphthylene	9.70	152	1372429	49.935	ng	99
50) Dimethylphthalate	9.56	163	1066240	50.761	ng	99
51) 2,6-Dinitrotoluene	9.62	165	239992	50.415	ng	99
52) Acenaphthene	9.87	154	810063	49.419	ng	99
53) 3-Nitroaniline	9.79	138	167553	29.305	ng	98
54) 2,4-Dinitrophenol	9.90	184	185231	66.852	ng	95
55) Dibenzofuran	10.04	168	1222414	48.636	ng	97
56) 4-Nitrophenol	9.97	139	327032	75.944	ng	90
57) 2,4-Dinitrotoluene	10.03	165	309629	49.018	ng	91
58) Fluorene	10.38	166	935457	48.281	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	276999	50.237	ng	99
60) Diethylphthalate	10.26	149	1039673	50.256	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	462691	46.243	ng	94
62) 4-Nitroaniline	10.41	138	251729	44.348	ng	95
63) Azobenzene	10.53	77	945541	50.352	ng	100
65) 4,6-Dinitro-2-methylphenol	10.44	198	158323	46.758	ng	91
66) n-Nitrosodiphenylamine	10.49	169	887544	51.217	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	308546	48.178	ng	98
68) Hexachlorobenzene	10.93	284	347398	50.452	ng	93
69) Atrazine	11.02	200	260197	48.521	ng	99
70) Pentachlorophenol	11.13	266	353520	92.347	ng	98
71) Phenanthrene	11.35	178	1389407	49.531	ng	100
72) Anthracene	11.40	178	1432895	50.677	ng	99
73) Carbazole	11.55	167	1333561	47.645	ng	99
74) Di-n-butylphthalate	11.88	149	897121	28.510	ng	100
75) Fluoranthene	12.53	202	886558	27.643	ng	97
77) Benzidine	12.65	184	228394	27.683	ng	99
78) Pyrene	12.76	202	906670	52.463	ng	99
80) Butylbenzylphthalate	13.38	149	385392	50.221	ng	95
81) Benzo(a)anthracene	13.95	228	785080	53.565	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	188854	33.734	ng	99
83) Chrysene	13.99	228	783753	52.132	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	541820	57.853	ng	98
85) Di-n-octyl phthalate	14.55	149	949036	53.097	ng	98
87) Indeno(1,2,3-cd)pyrene	16.84	276	960939	57.309	ng	98
88) Benzo(b)fluoranthene	14.99	252	869531	52.954	ng	98
89) Benzo(k)fluoranthene	15.02	252	759691	52.285	ng	99
90) Benzo(a)pyrene	15.34	252	757314	51.533	ng	99
91) Dibenzo(a,h)anthracene	16.86	278	786840	58.518	ng	99
92) Benzo(g,h,i)perylene	17.28	276	798924	58.947	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

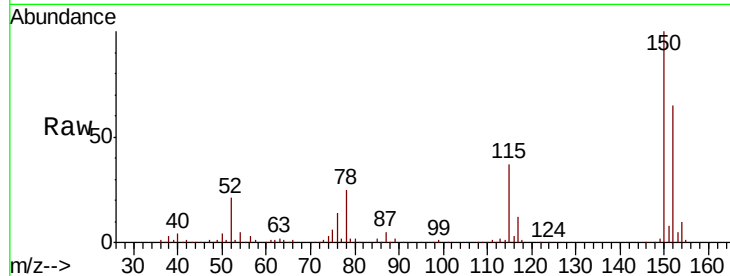
Tot Ion:152 Resp: 123613

Ion Ratio Lower Upper

152 100

150 154.5 123.2 184.8

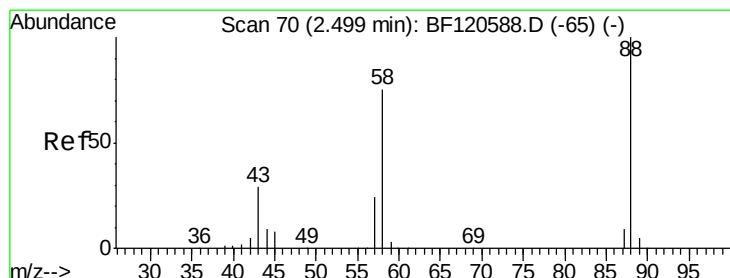
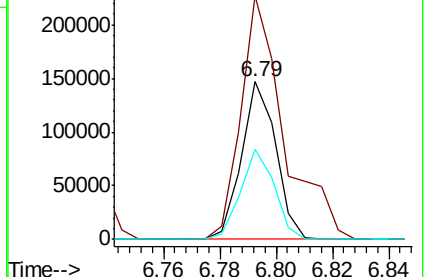
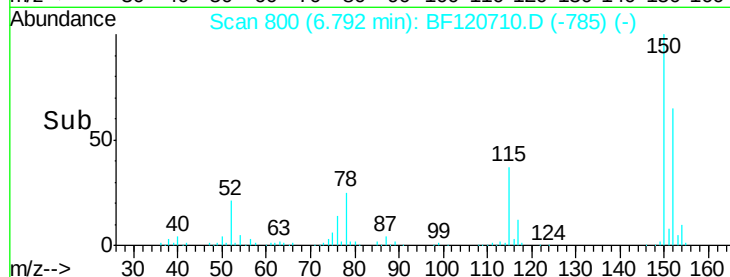
115 56.9 43.9 65.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 49.787 ng

RT: 2.64 min Scan# 94

Delta R.T. 0.14 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

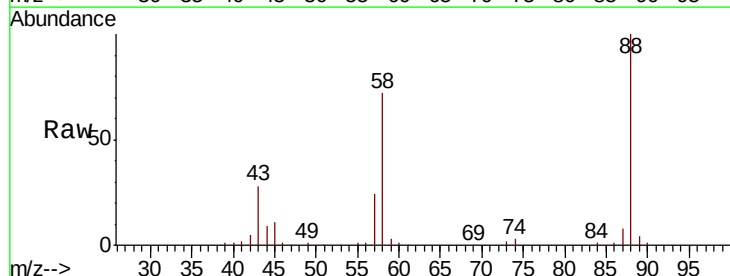
Tgt Ion: 88 Resp: 170135

Ion Ratio Lower Upper

88 100

58 73.5 59.6 89.4

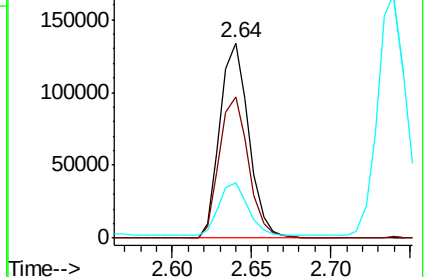
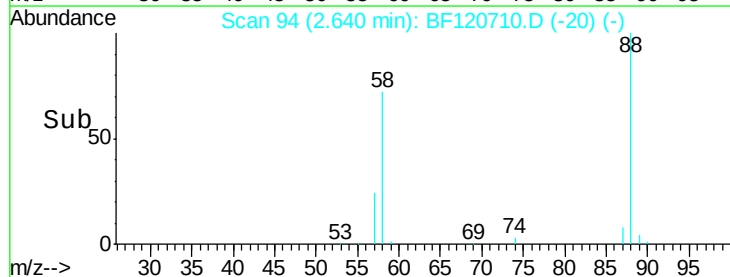
43 0.0 23.1 34.7#

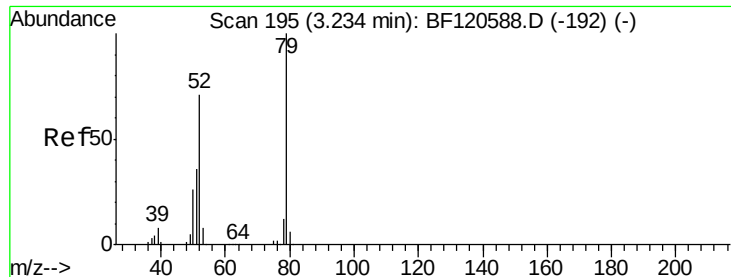


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

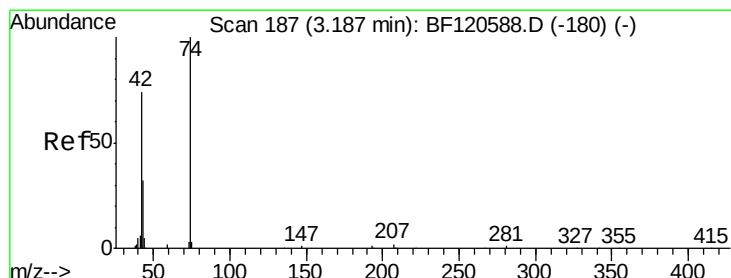
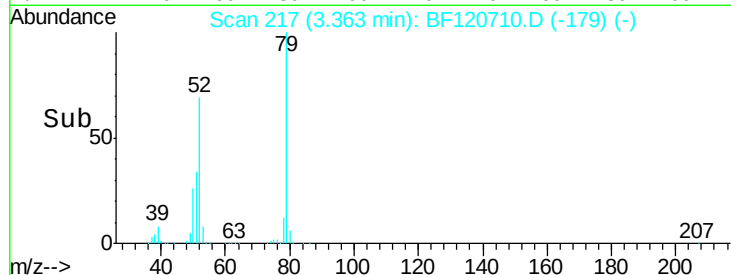
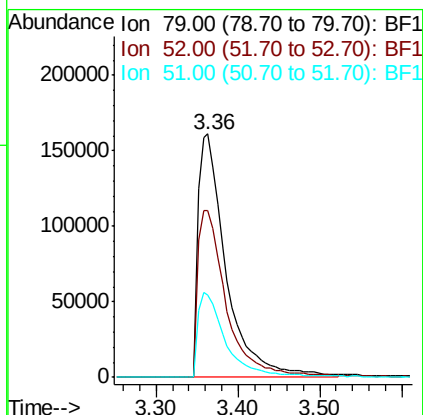
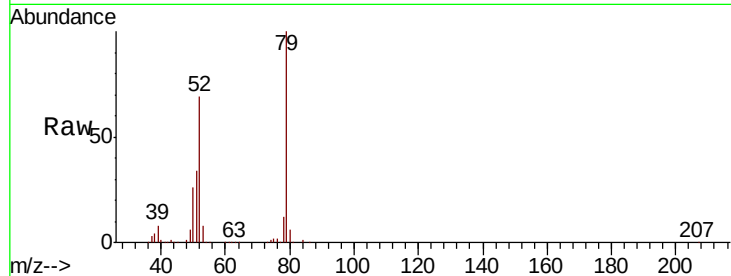




#3
 Pvridine
 Concen: 40.057 ng
 RT: 3.36 min Scan# 217
 Delta R.T. 0.12 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

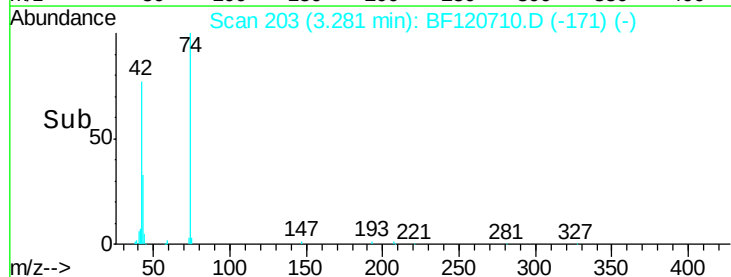
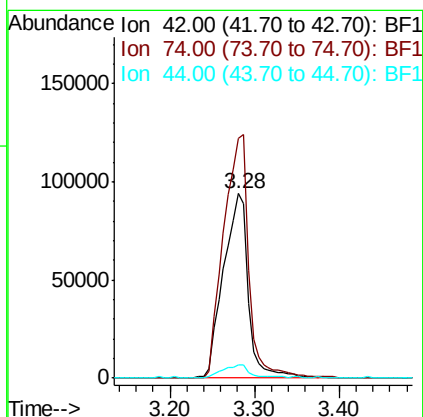
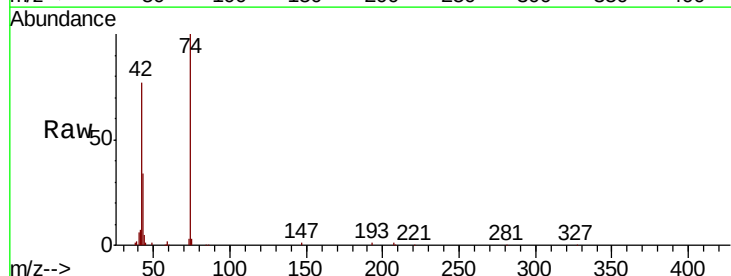
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

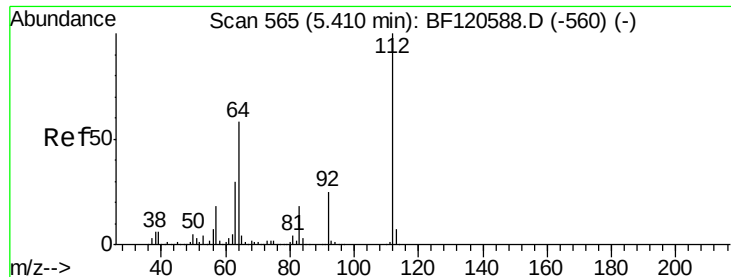
Tot Ion: 79 Resp: 384803
 Ion Ratio Lower Upper
 79 100
 52 68.7 57.0 85.6
 51 33.8 28.5 42.7



#4
 n-Nitrosodimethylamine
 Concen: 48.127 ng
 RT: 3.28 min Scan# 203
 Delta R.T. 0.09 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion: 42 Resp: 191865
 Ion Ratio Lower Upper
 42 100
 74 129.8 107.8 161.6
 44 7.0 5.1 7.7





#5

2-Fluorophenol

Concen: 136.690 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

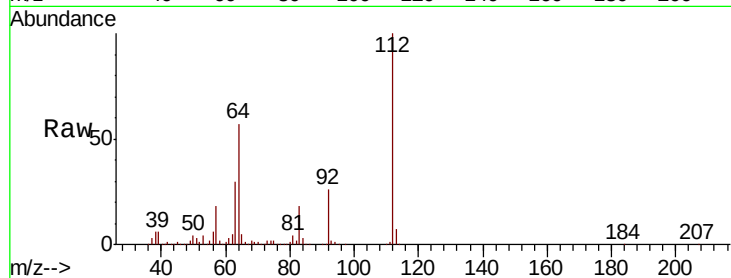
Tot Ion:112 Resp: 985540

Ion Ratio Lower Upper

112 100

64 57.3 46.1 69.1

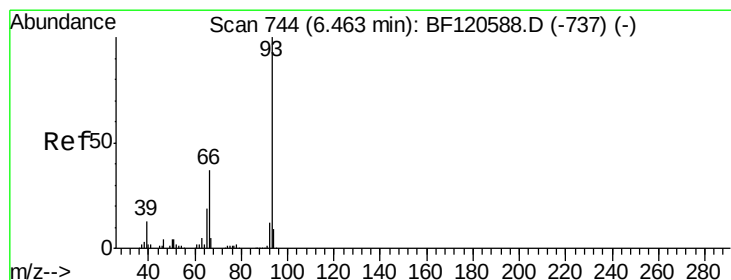
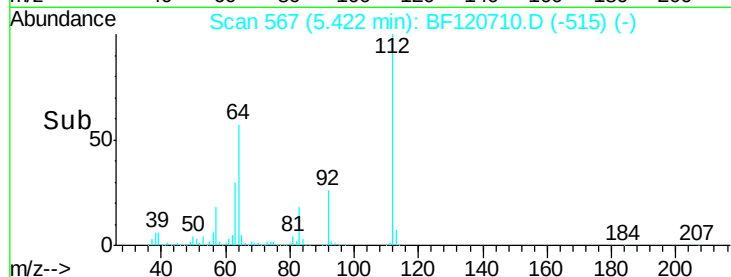
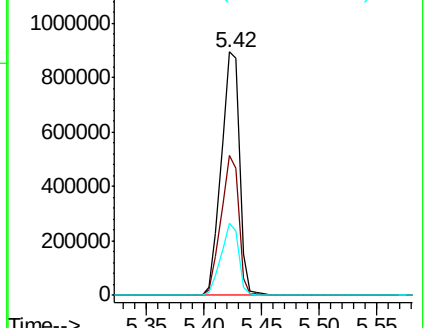
63 29.5 23.7 35.5



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: 27.257 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

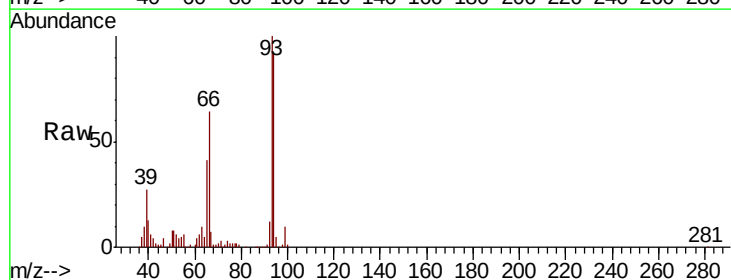
Tgt Ion: 93 Resp: 313256

Ion Ratio Lower Upper

93 100

66 64.1 30.9 46.3#

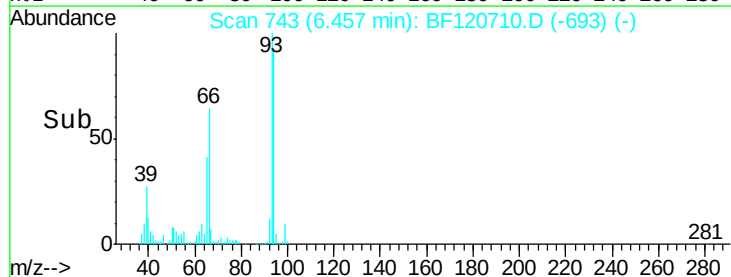
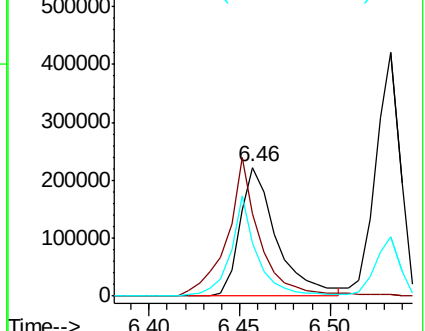
65 40.7 15.9 23.9#

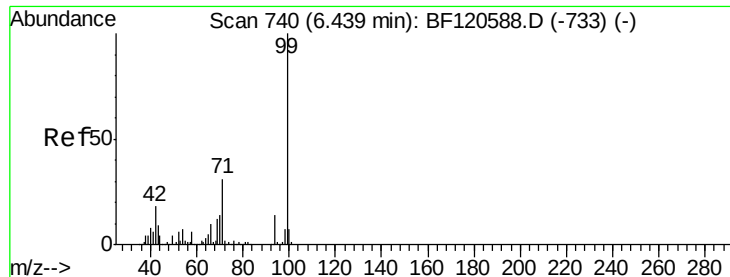


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.705 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF120710.D

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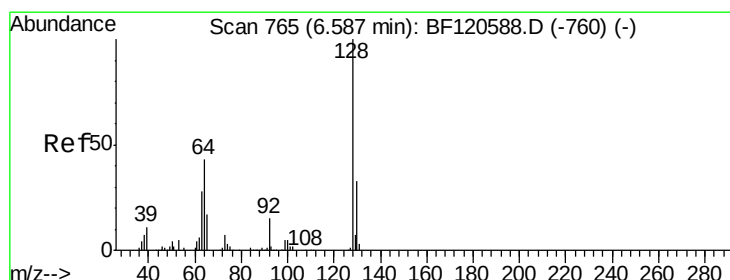
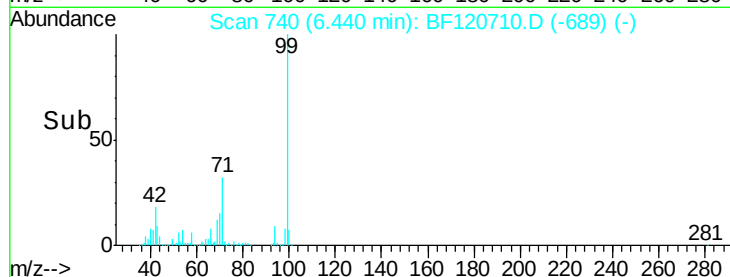
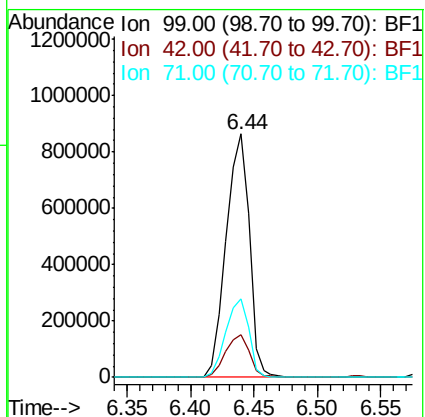
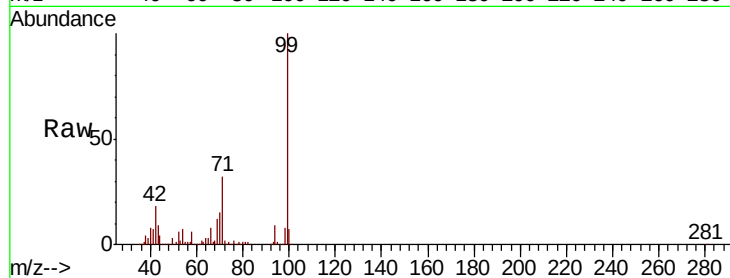
Tot Ion: 99 Resp: 1092925

Ion Ratio Lower Upper

99 100

42 17.8 14.0 21.0

71 32.5 24.9 37.3



#8

2-Chlorophenol

Concen: 51.068 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

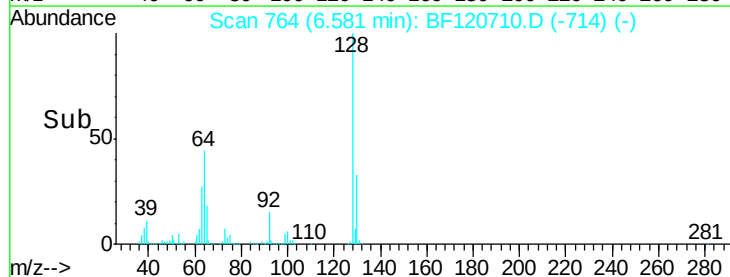
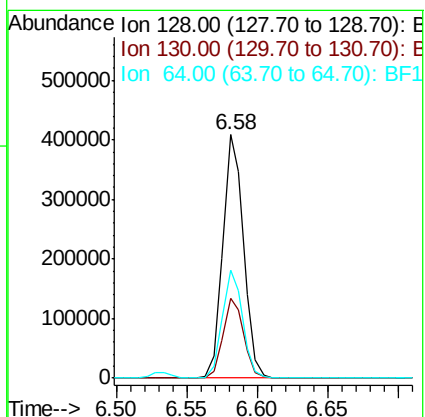
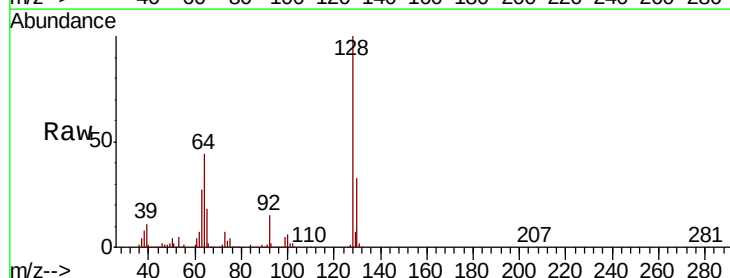
Tgt Ion: 128 Resp: 416080

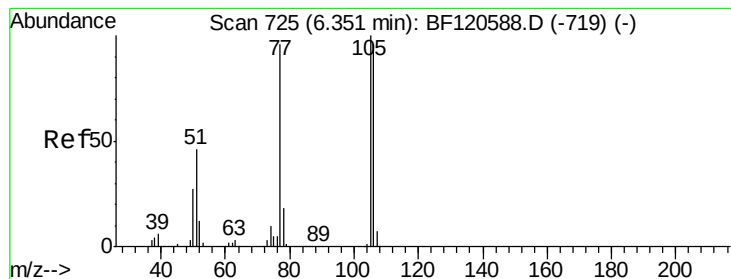
Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

64 44.3 24.3 64.3





#9

Benzaldehyde

Concen: 18.024 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

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ClientSampleId :

NB-08-061620MS

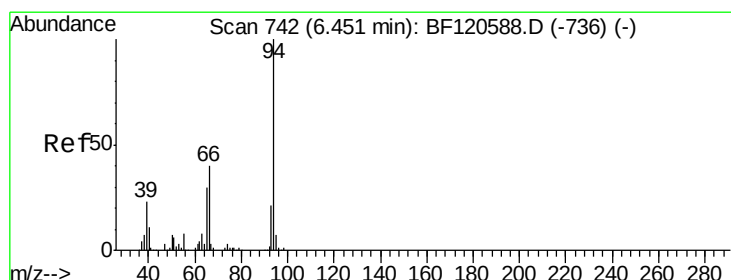
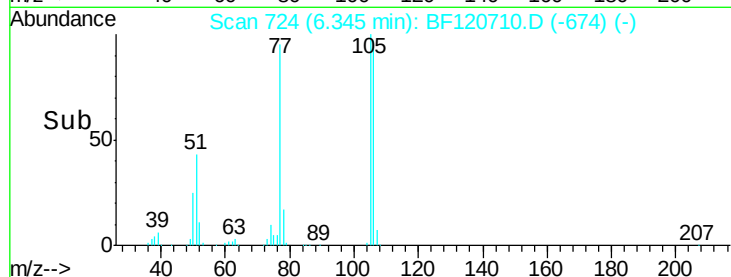
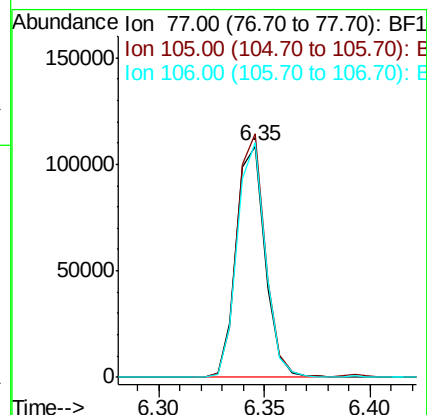
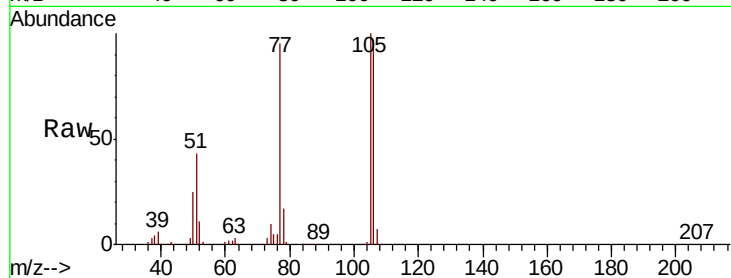
Tot Ion: 77 Resp: 102375

Ion Ratio Lower Upper

77 100

105 105.4 83.8 123.8

106 101.7 79.3 119.3



#10

Phenol

Concen: 42.969 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

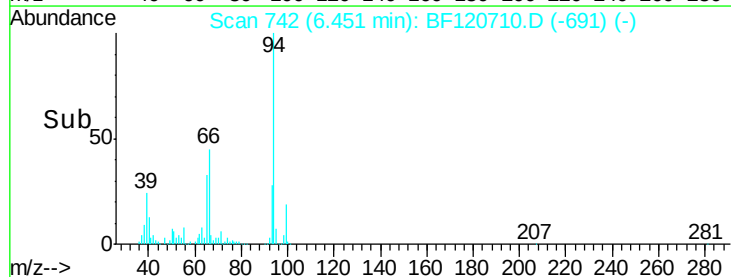
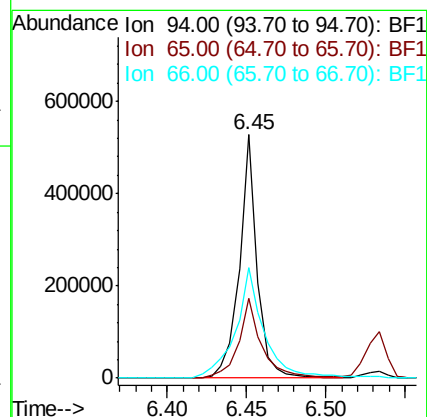
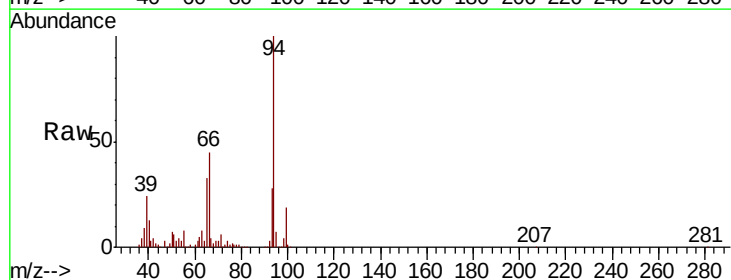
Tgt Ion: 94 Resp: 411691

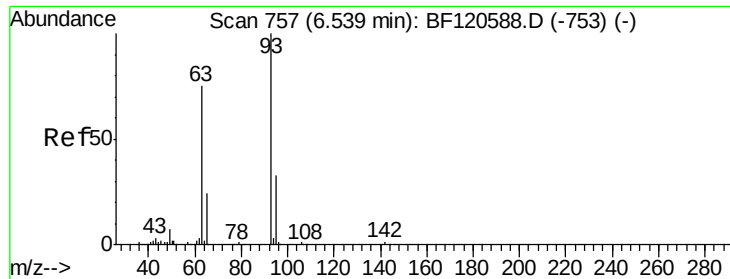
Ion Ratio Lower Upper

94 100

65 32.8 9.9 49.9

66 45.1 20.1 60.1

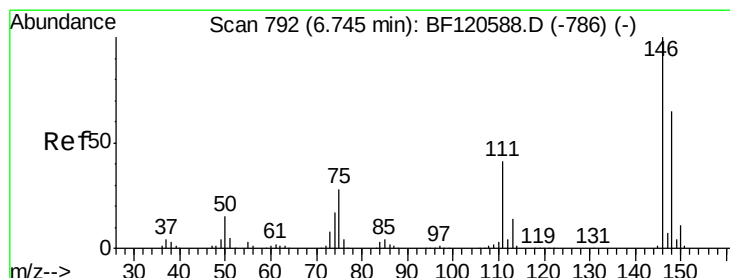
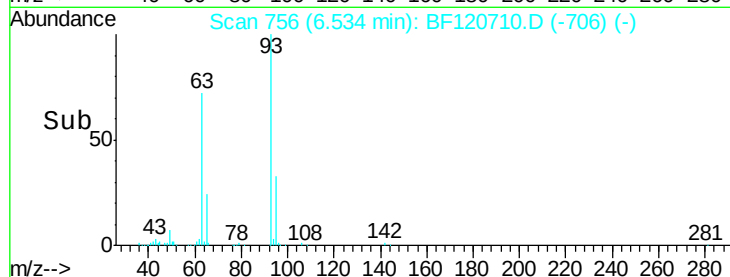
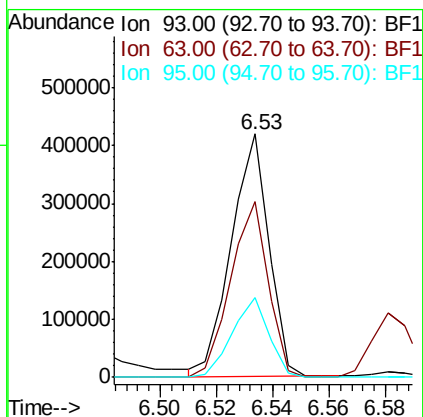
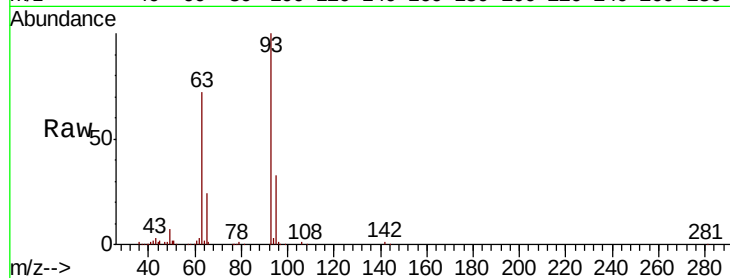




#11
bis(2-Chloroethyl)ether
Concen: 48.466 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

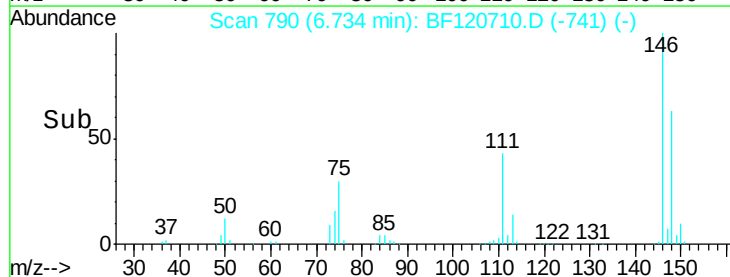
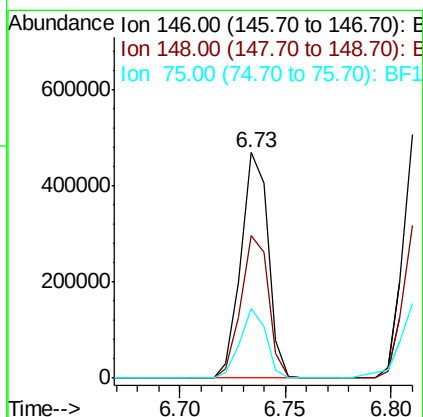
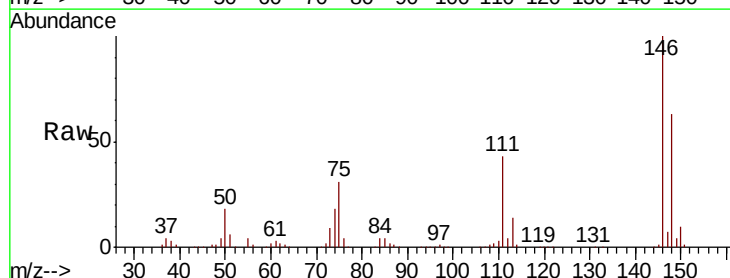
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

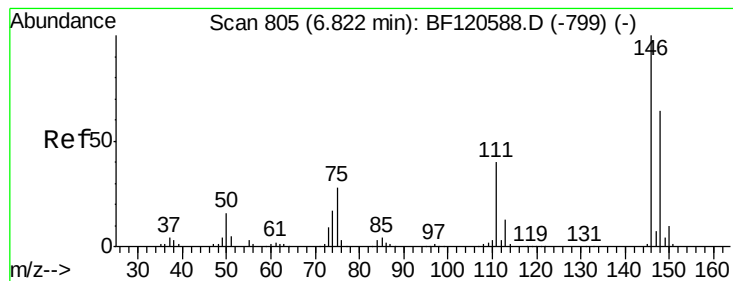
Tot Ion: 93 Resp: 386787
Ion Ratio Lower Upper
93 100
63 72.3 54.4 94.4
95 32.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 48.323 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion: 146 Resp: 418563
Ion Ratio Lower Upper
146 100
148 63.1 51.8 77.6
75 30.9 22.2 33.4





#13

1,4-Dichlorobenzene

Concen: 51.528 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

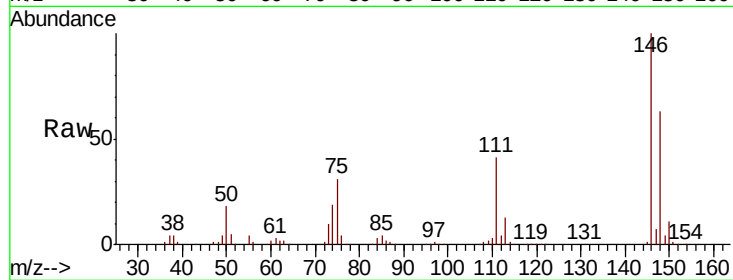
Tot Ion:146 Resp: 440359

Ion Ratio Lower Upper

146 100

148 62.5 51.5 77.3

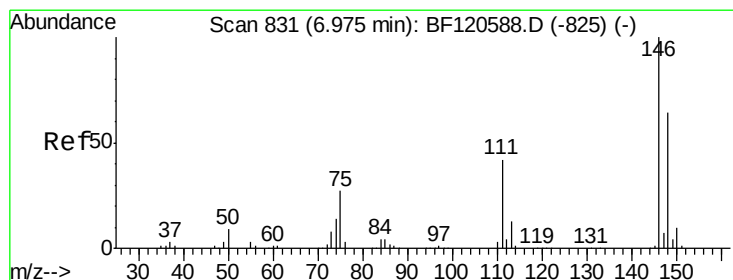
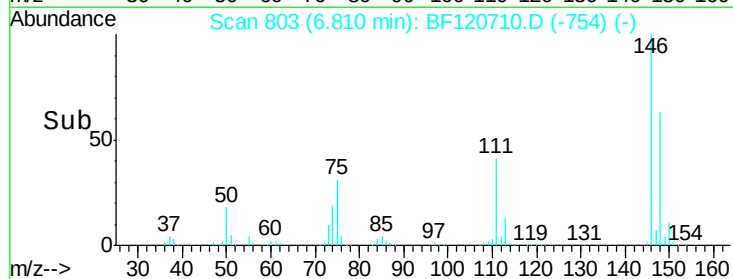
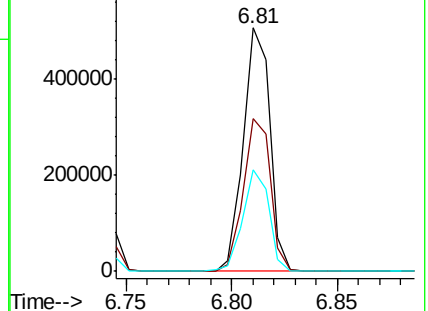
111 41.5 32.2 48.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.520 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

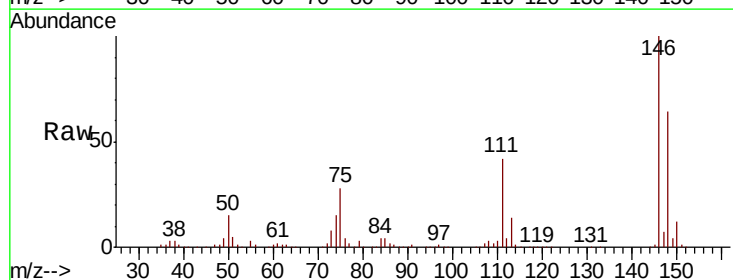
Tgt Ion:146 Resp: 395599

Ion Ratio Lower Upper

146 100

148 64.0 50.8 76.2

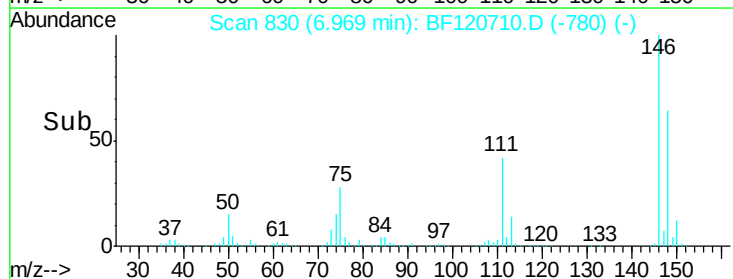
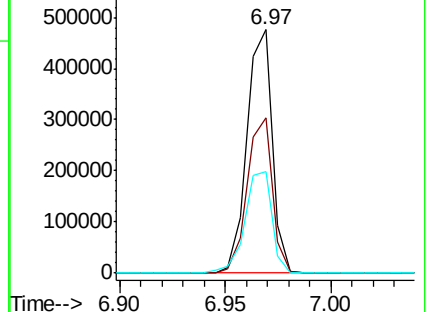
111 41.7 33.6 50.4

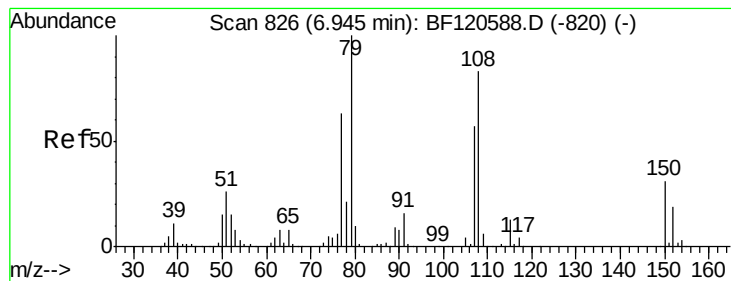


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.038 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

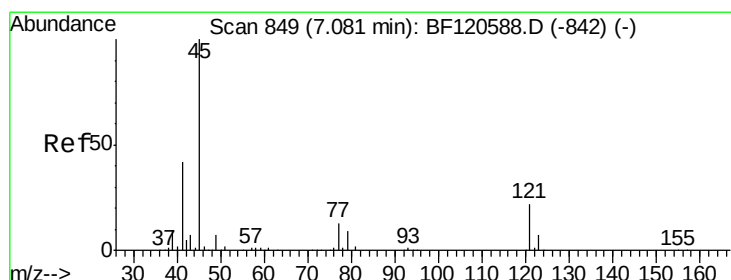
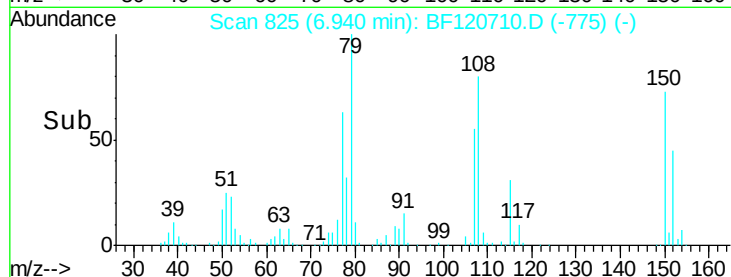
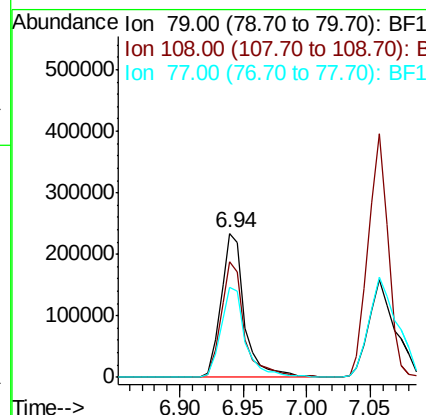
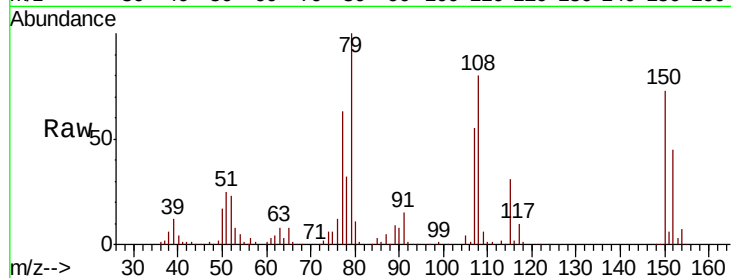
Tot Ion: 79 Resp: 305923

Ion Ratio Lower Upper

79 100

108 80.1 66.8 100.2

77 62.8 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 56.706 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

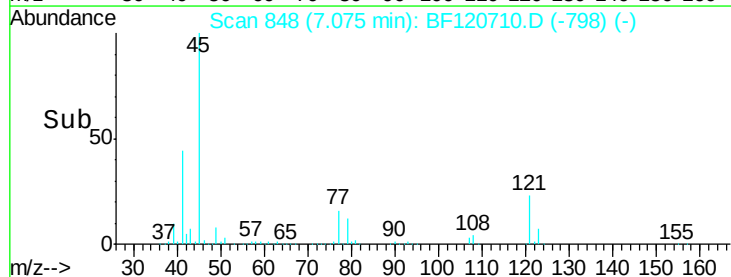
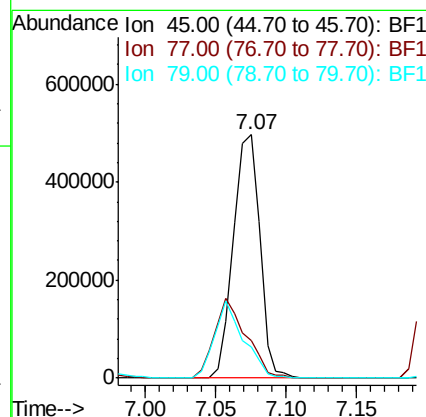
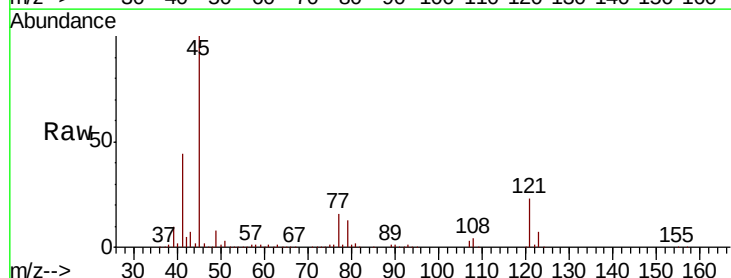
Tgt Ion: 45 Resp: 651604

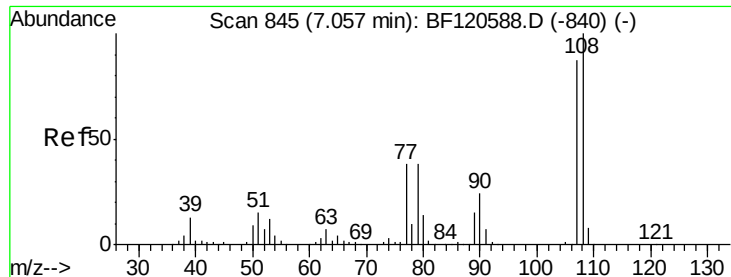
Ion Ratio Lower Upper

45 100

77 15.6 0.0 34.2

79 12.5 0.0 30.9

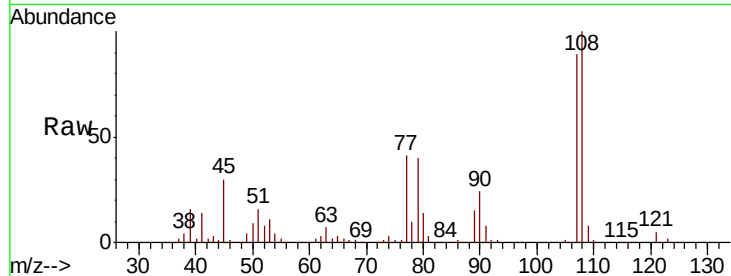




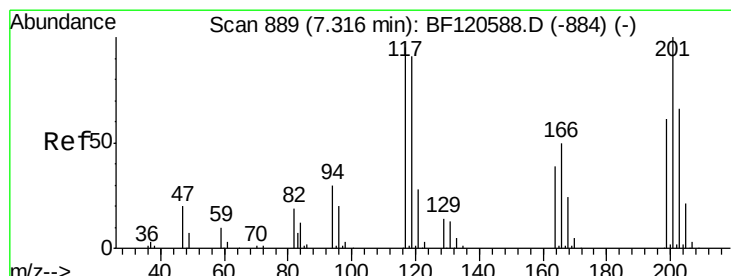
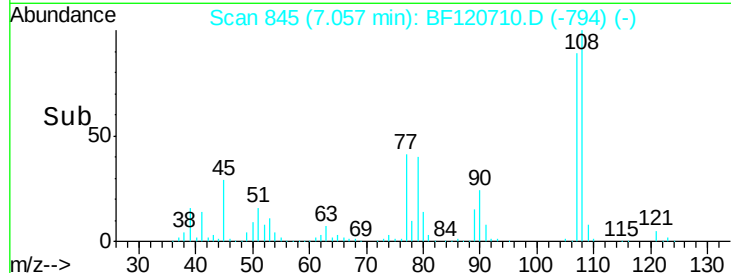
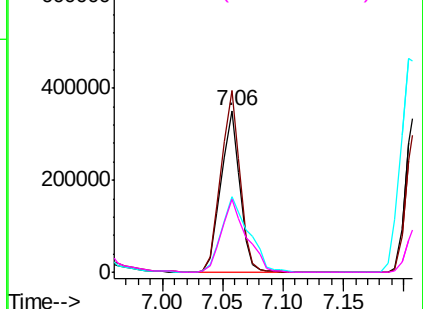
#17
2-Methylphenol
Concen: 54.818 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion:107 Resp: 380934
Ion Ratio Lower Upper
107 100
108 112.7 91.9 137.9
77 46.6 35.4 53.2
79 45.0 34.8 52.2

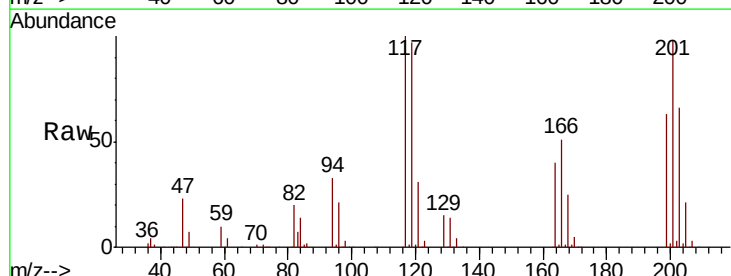


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

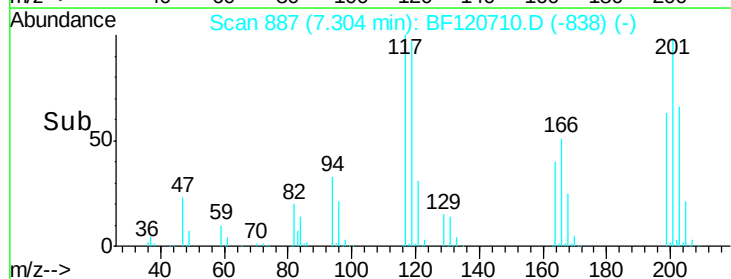
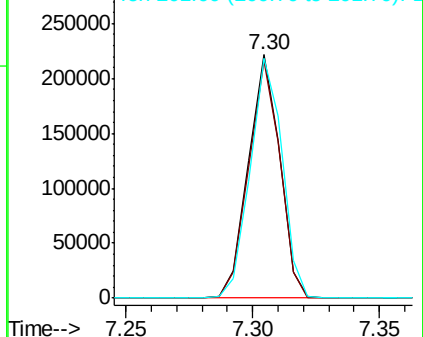


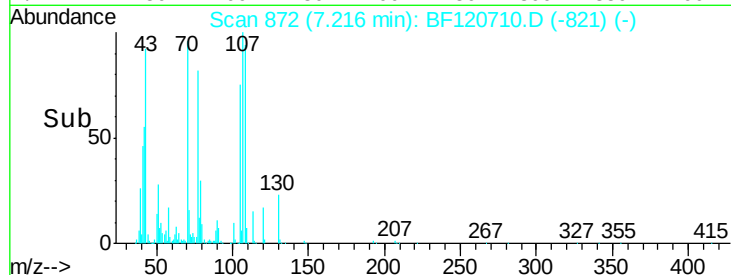
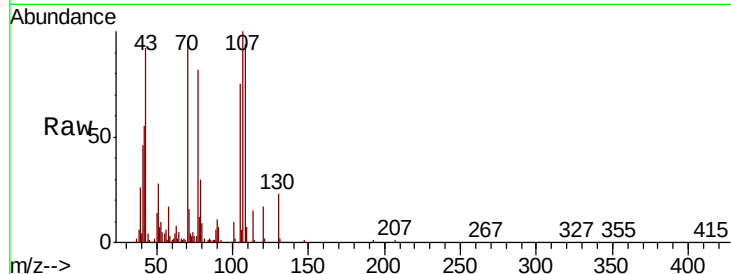
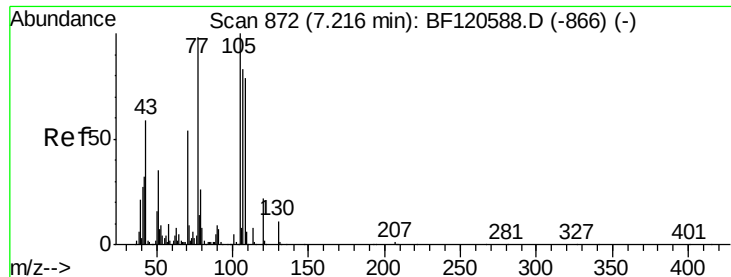
#18
Hexachloroethane
Concen: 60.676 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion:117 Resp: 191072
Ion Ratio Lower Upper
117 100
119 97.2 76.9 115.3
201 98.3 84.6 127.0



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

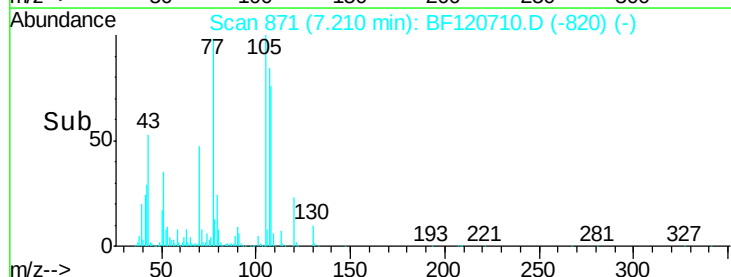
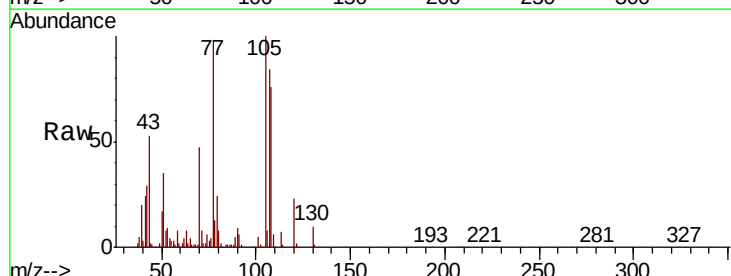
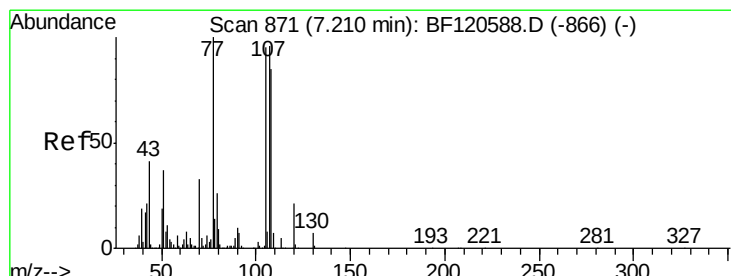
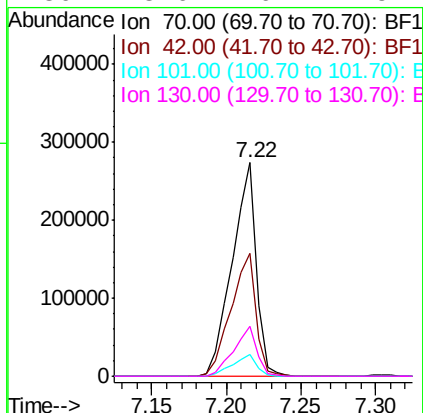




#19
n-Nitroso-di-n-propylamine
Concen: 59.700 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

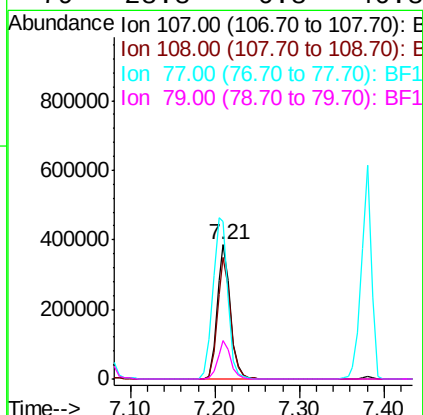
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

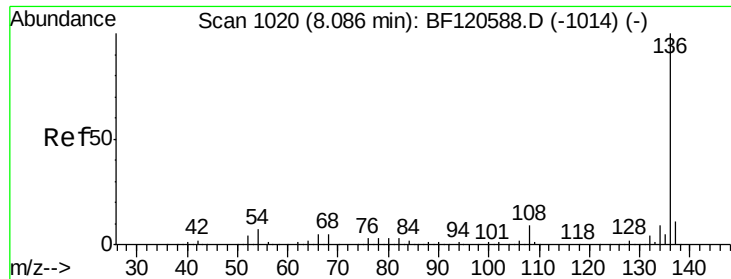
Tot Ion:	70	Resp:	310976
Ion	Ratio	Lower	Upper
70	100		
42	57.3	47.7	71.5
101	10.1	7.6	11.4
130	23.6	16.7	25.1



#20
3+4-Methylphenols
Concen: 49.755 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion:	107	Resp:	432055
Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.7	108.7
77	117.4	84.2	124.2
79	28.8	6.8	46.8

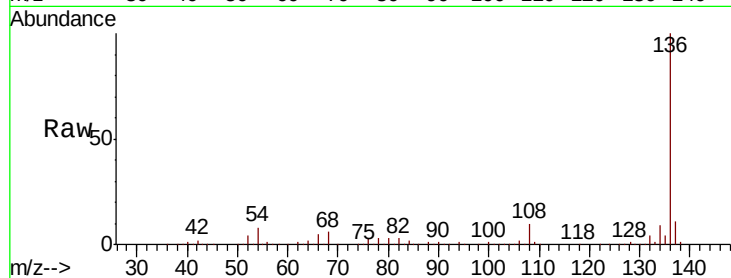




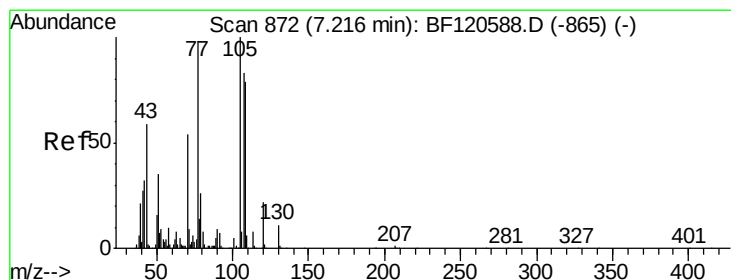
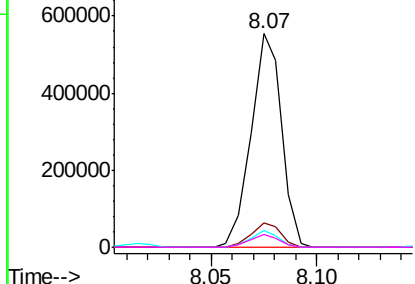
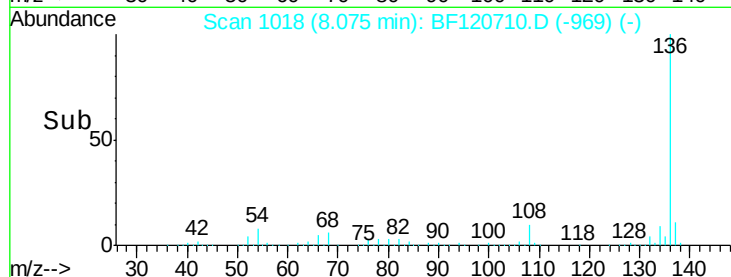
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion:136	Resp:	556524
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.6 13.0
54	7.9	5.8 8.6
68	6.0	4.4 6.6

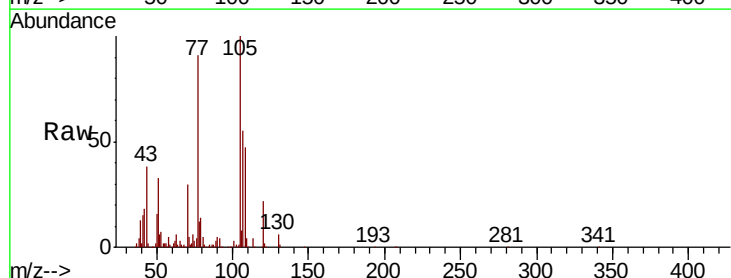


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

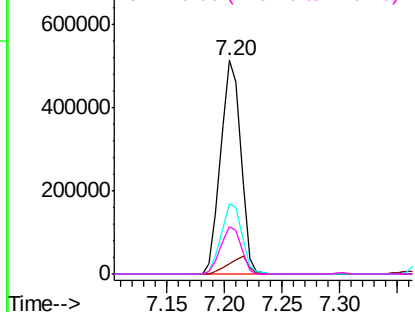
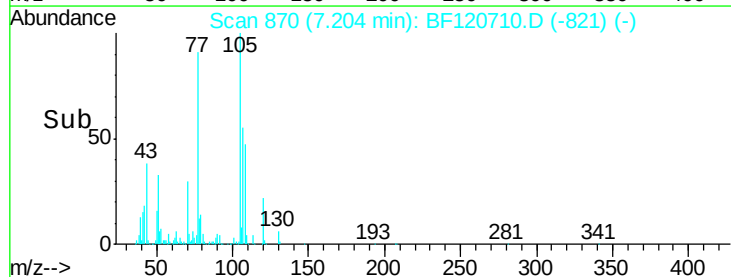


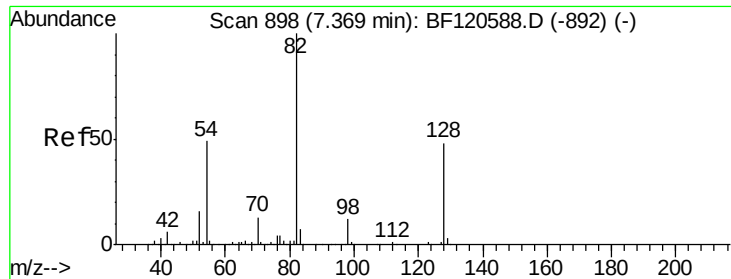
#22
Acetophenone
Concen: 49.900 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion:105	Resp:	620864
Ion	Ratio	Lower Upper
105	100	
71	4.9	7.2 10.8#
51	33.1	27.8 41.8
120	22.3	18.0 27.0



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

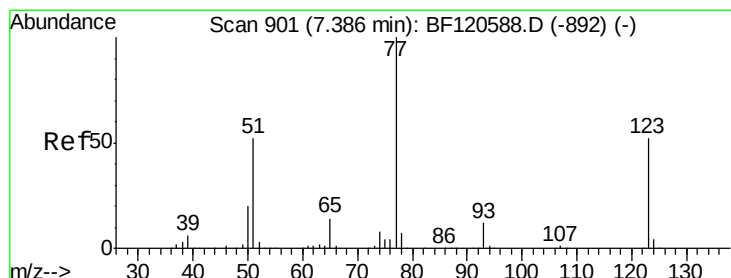
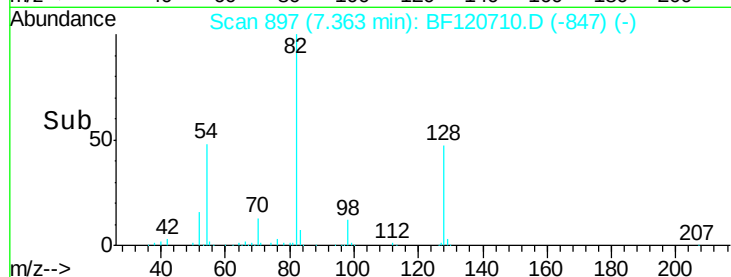
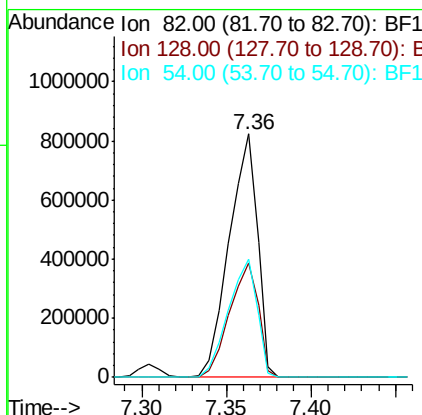
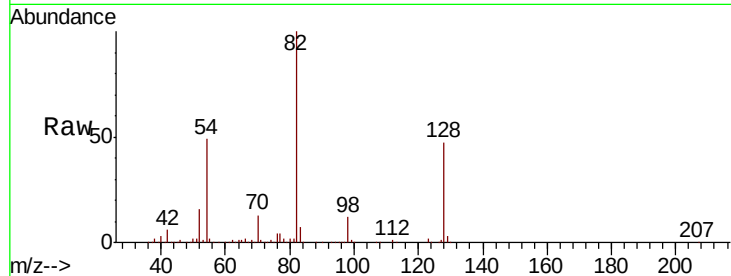




#23
Nitrobenzene-d5
Concen: 96.506 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

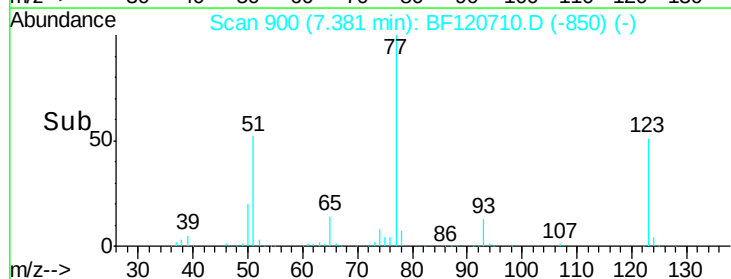
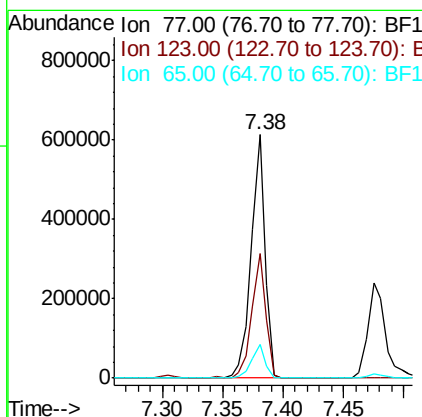
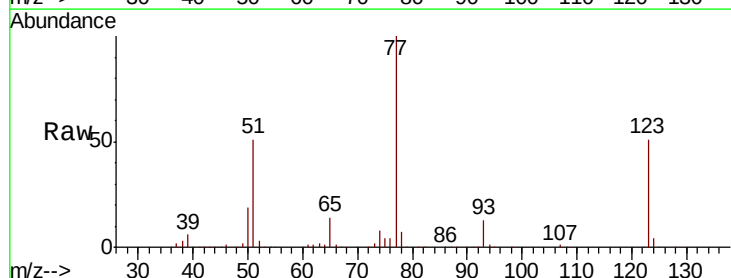
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

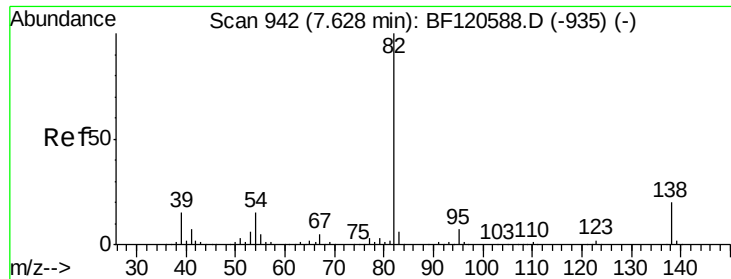
Tot Ion	82	Resp	960839
Ion Ratio	Lower	Upper	
82	100		
128	46.8	38.0	57.0
54	48.6	38.8	58.2



#24
Nitrobenzene
Concen: 47.879 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	77	Resp	498849
Ion Ratio	Lower	Upper	
77	100		
123	50.9	41.4	62.0
65	13.7	11.0	16.4





#25

Isophorone

Concen: 47.113 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

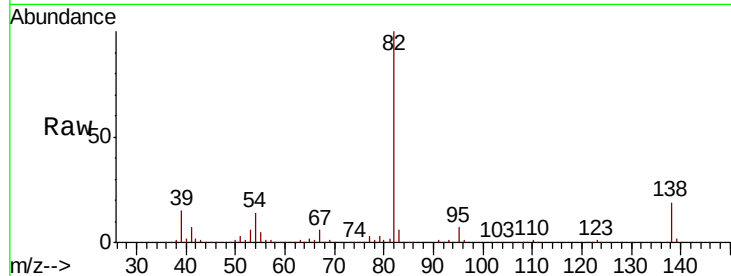
Tot Ion: 82 Resp: 913733

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

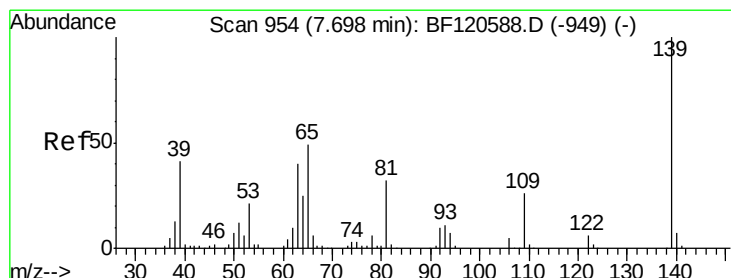
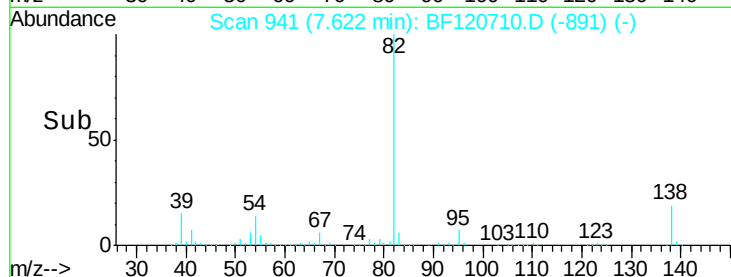
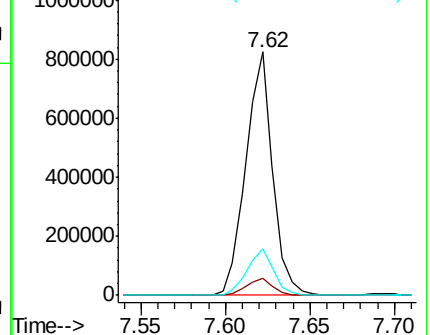
138 19.3 16.2 24.4



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: 49.959 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

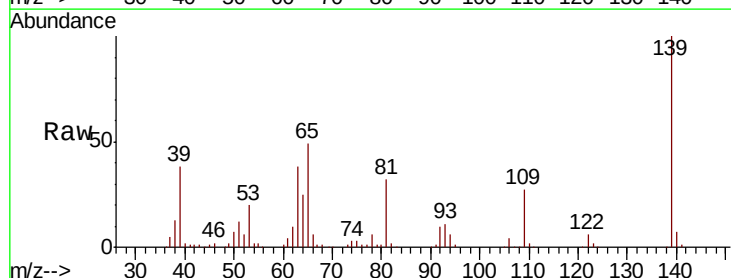
Tgt Ion: 139 Resp: 275374

Ion Ratio Lower Upper

139 100

109 27.3 21.1 31.7

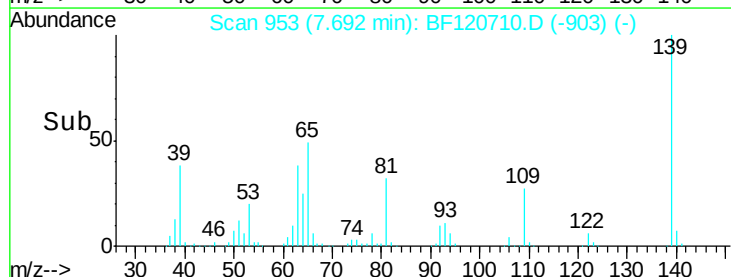
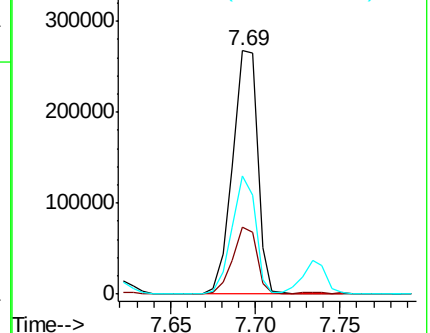
65 48.5 39.4 59.0

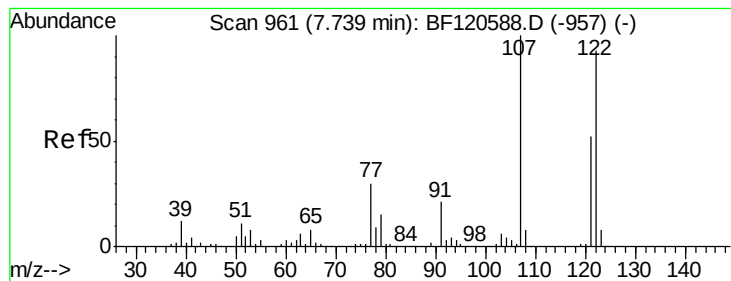


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 49.862 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

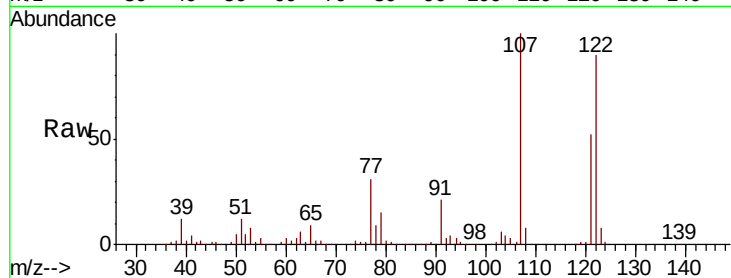
Tot Ion:122 Resp: 404668

Ion Ratio Lower Upper

122 100

107 111.2 86.4 129.6

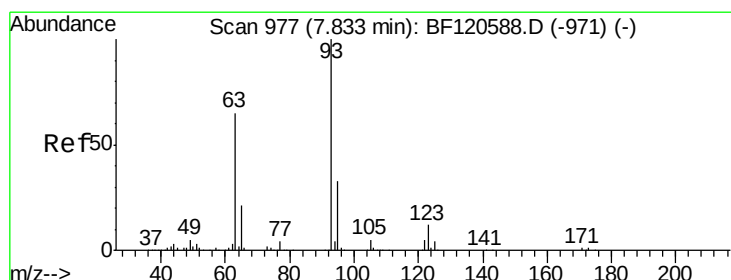
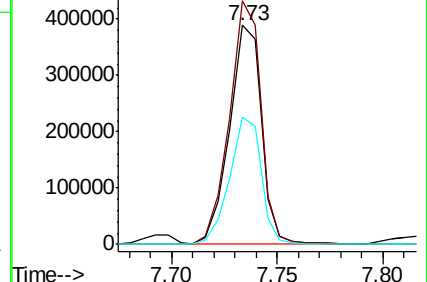
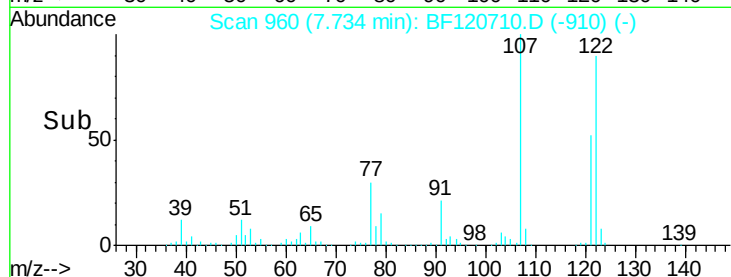
121 58.0 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 51.952 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

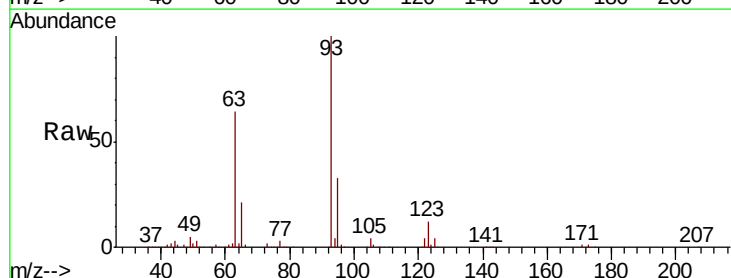
Tgt Ion: 93 Resp: 584059

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

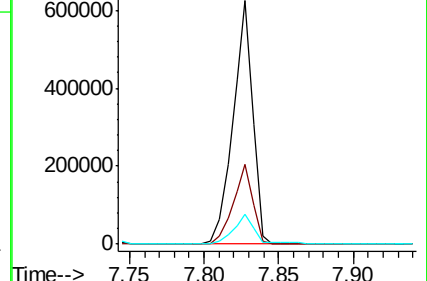
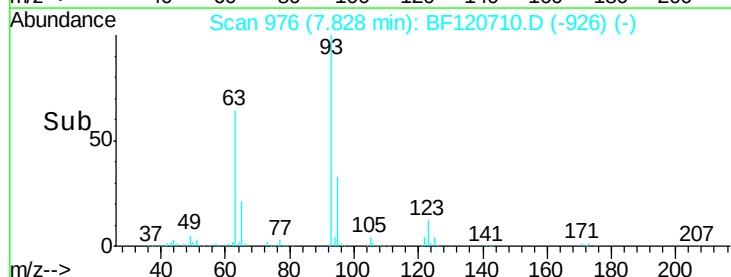
123 12.1 9.5 14.3

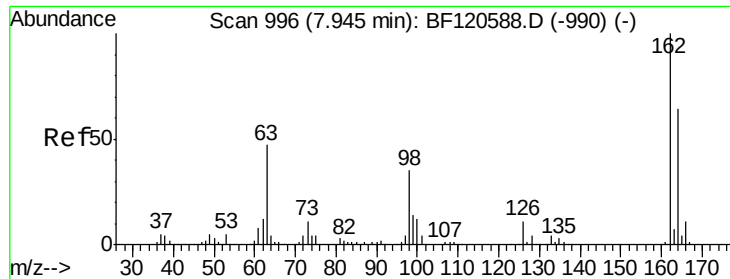


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

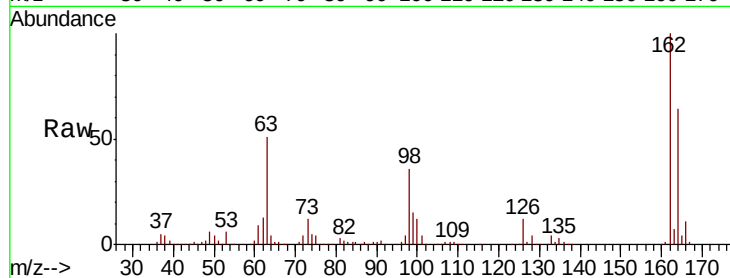




#29
 2,4-Dichlorophenol
 Concen: 50.187 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.1	84.1
98	36.3	14.7	54.7

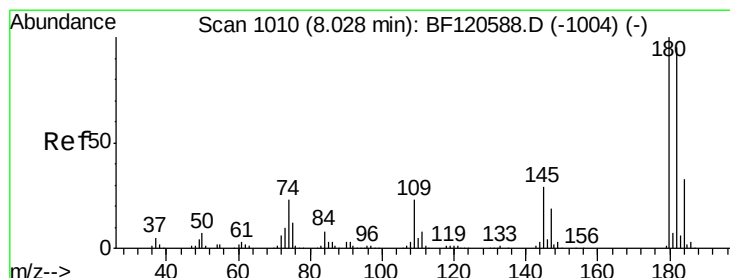
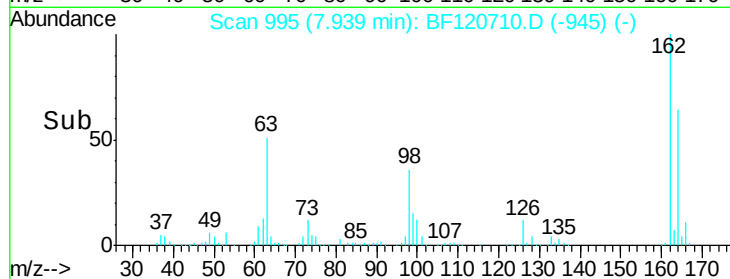
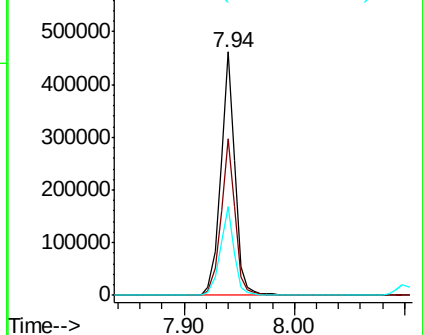


Abundance

Ion 162.00 (161.70 to 162.70): E

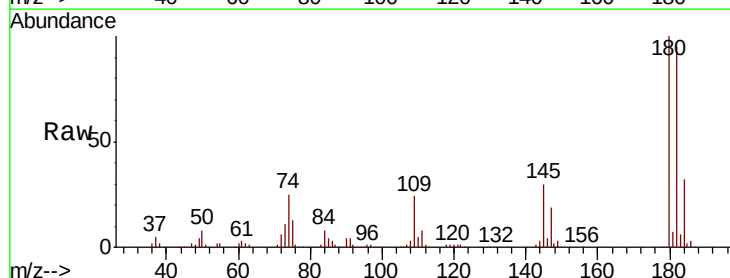
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 49.776 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.8	113.6
145	30.0	23.0	34.6

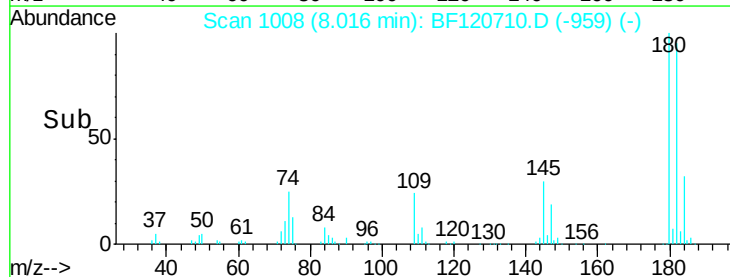
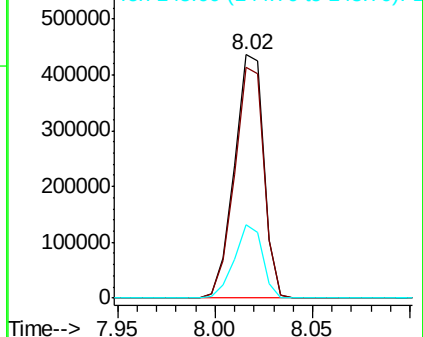


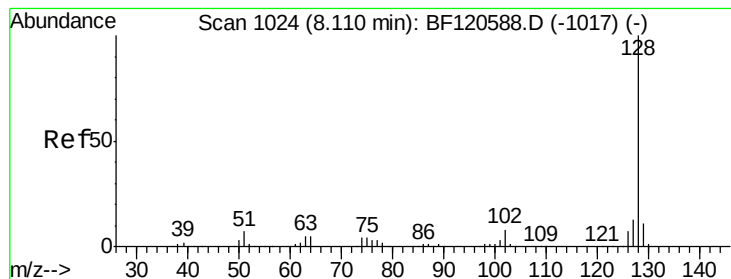
Abundance

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: 50.282 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

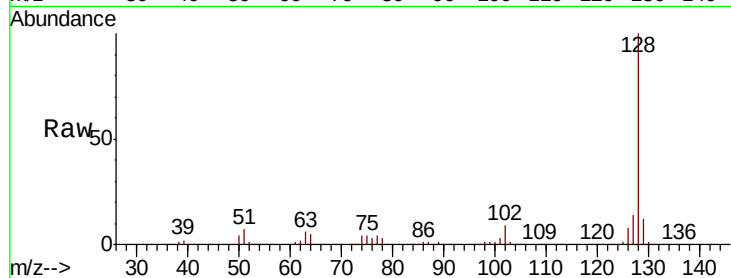
Tot Ion:128 Resp: 1374060

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

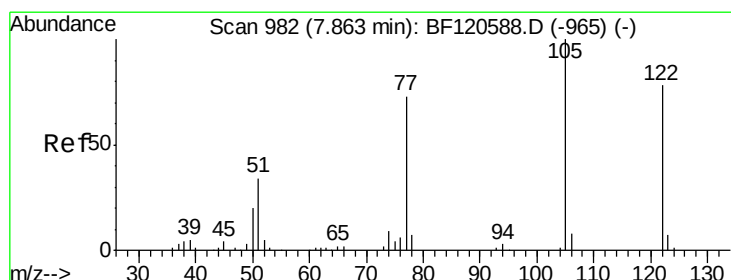
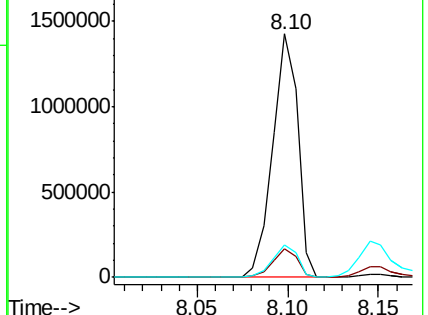
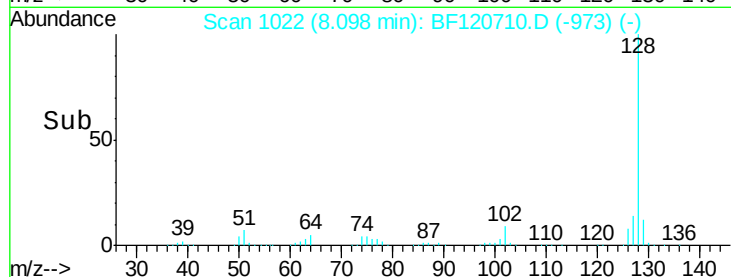
127 13.5 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.341 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

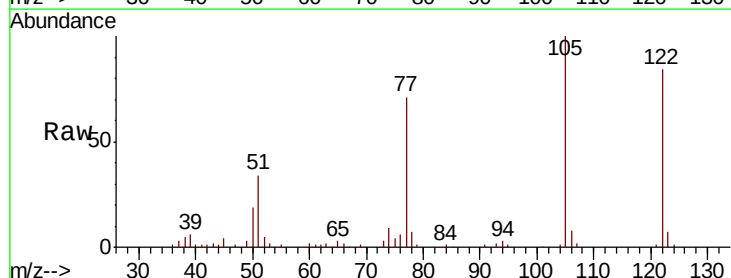
Tgt Ion:122 Resp: 139115

Ion Ratio Lower Upper

122 100

105 119.4 101.0 141.0

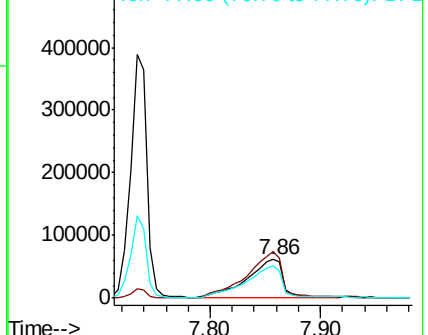
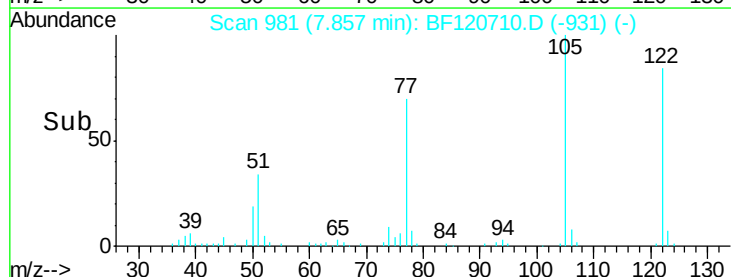
77 84.8 69.8 109.8

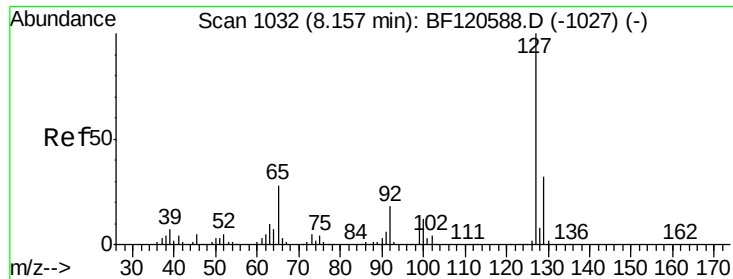


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

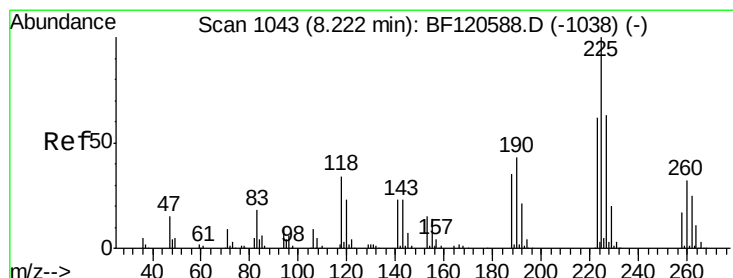
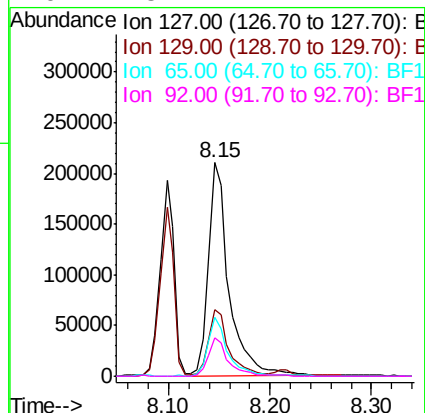
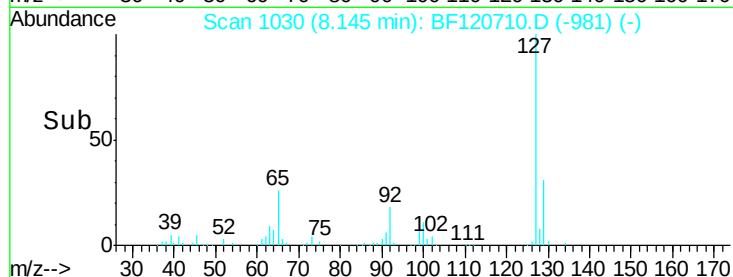
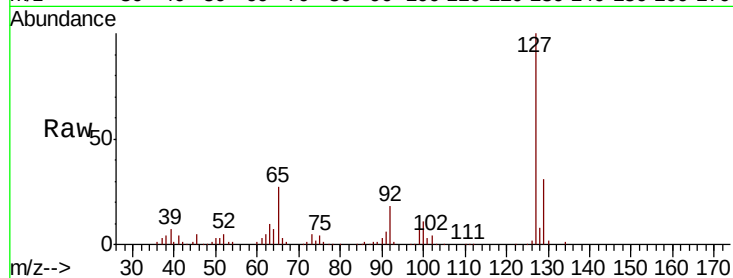




#33
4-Chloroaniline
Concen: 23.587 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

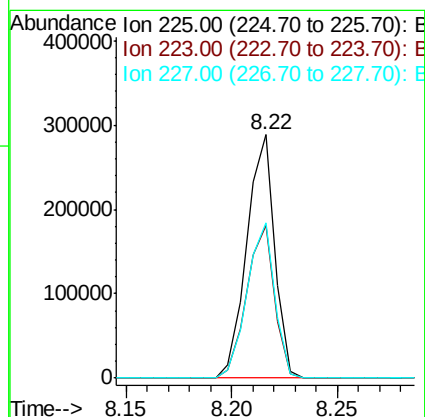
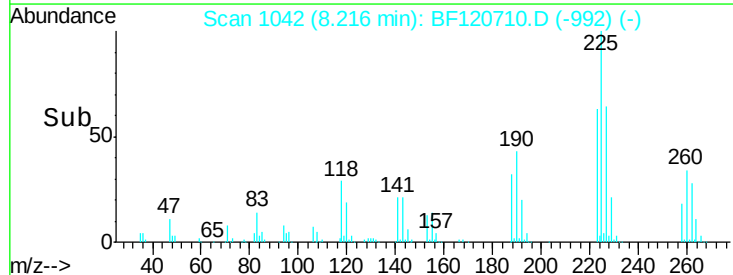
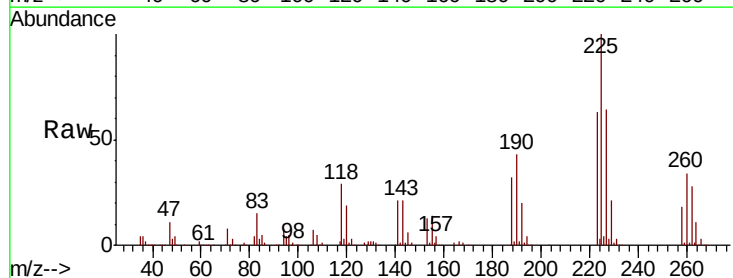
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

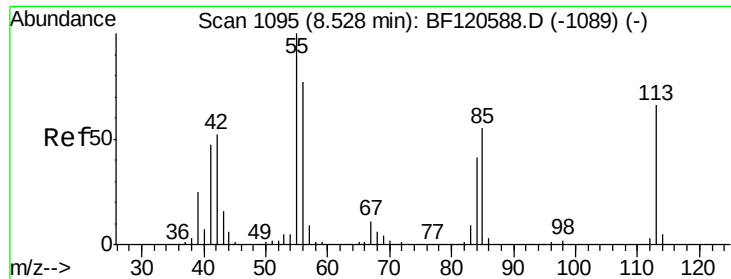
Tot Ion:	127	Resp:	295855
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.9	38.9
65	27.3	22.2	33.4
92	18.1	14.2	21.2



#34
Hexachlorobutadiene
Concen: 49.425 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion:	225	Resp:	263396
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.9	74.9
227	63.9	50.5	75.7

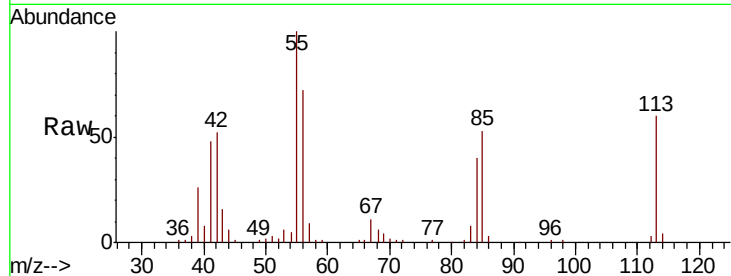




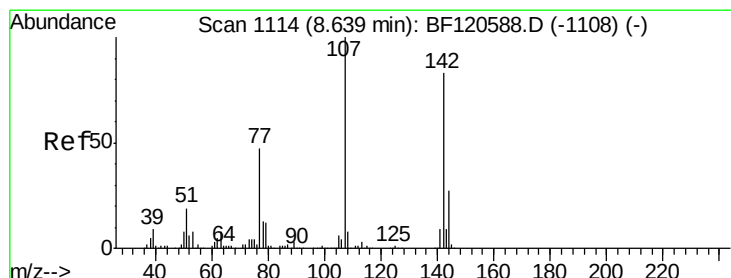
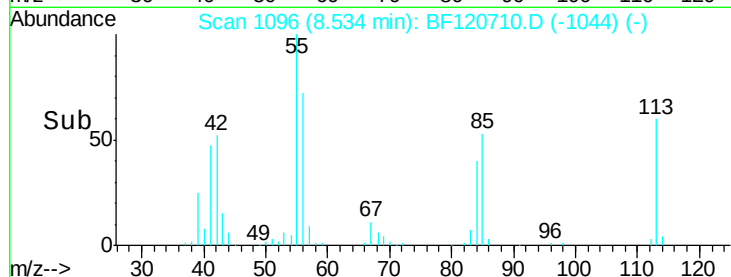
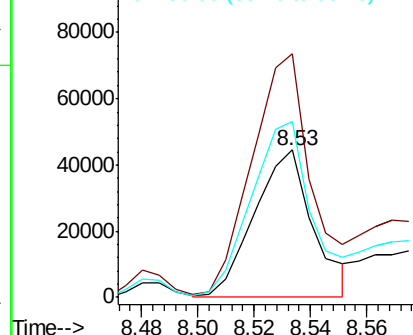
#35
 Caprolactam
 Concen: 24.290 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion:113 Resp: 64090
 Ion Ratio Lower Upper
 113 100
 55 165.5 133.1 173.1
 56 119.5 98.4 138.4

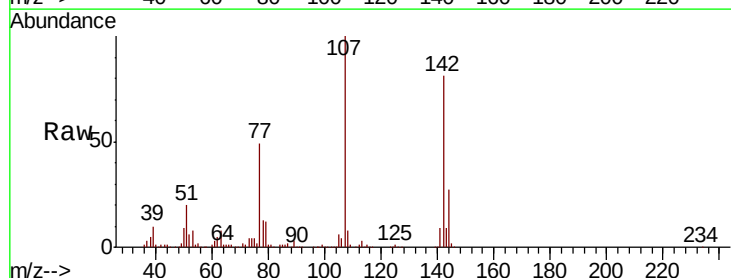


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

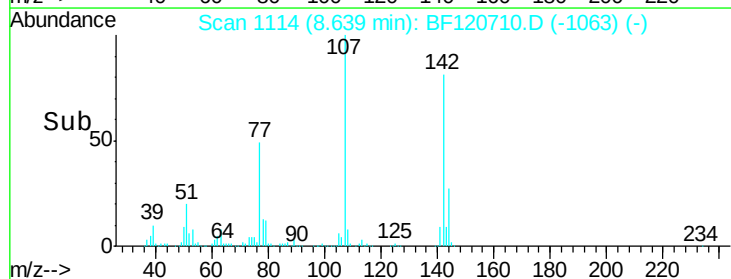
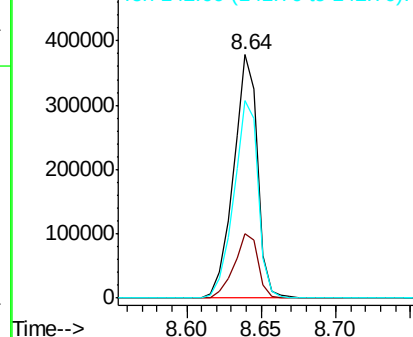


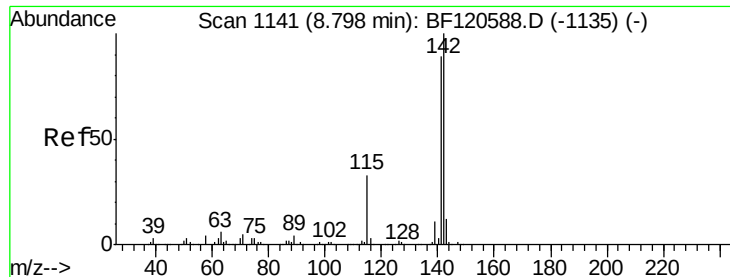
#36
 4-Chloro-3-methylphenol
 Concen: 51.838 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion:107 Resp: 427253
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.4 32.2
 142 81.0 66.3 99.5



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

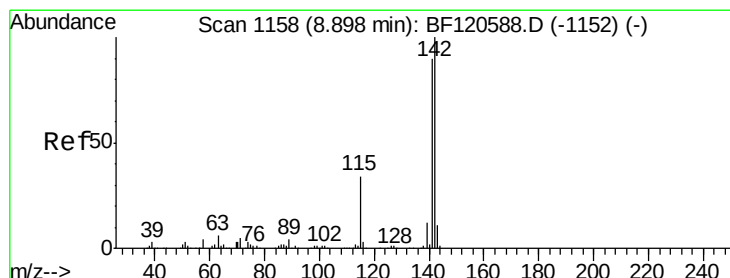
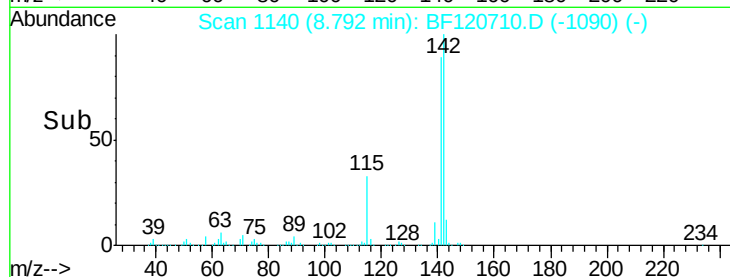
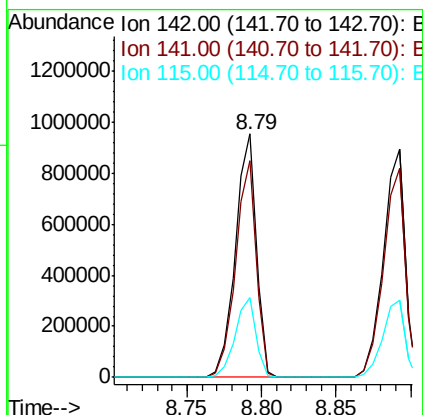
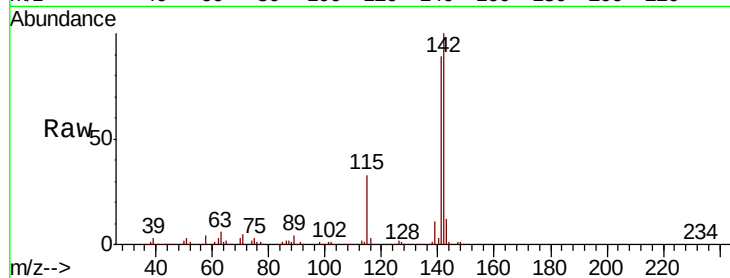




#37
2-Methylnaphthalene
Concen: 52.802 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

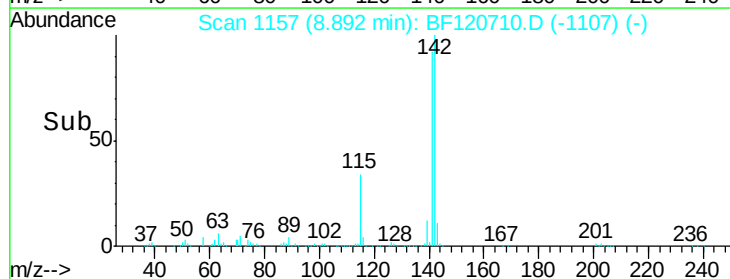
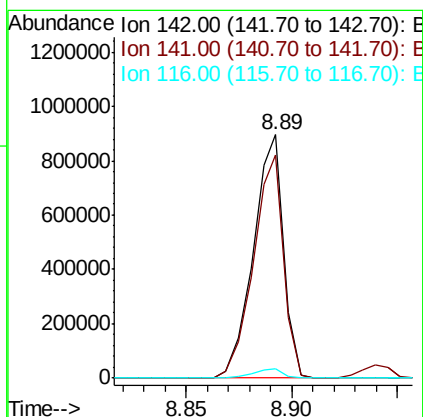
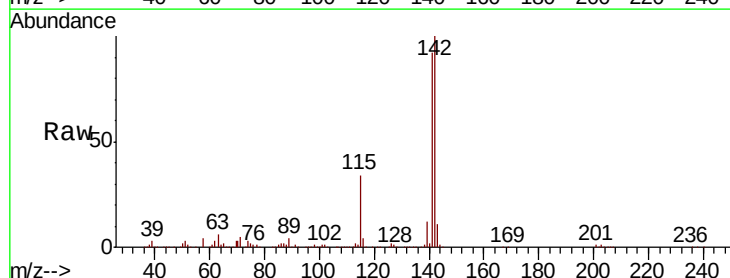
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

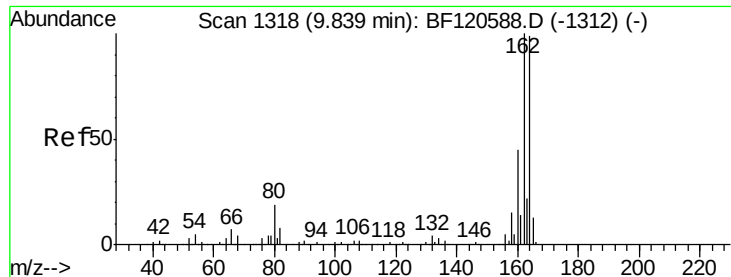
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.0
115	32.9	26.1	39.1



#38
1-Methylnaphthalene
Concen: 52.853 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.1	108.1
116	3.6	2.7	4.1

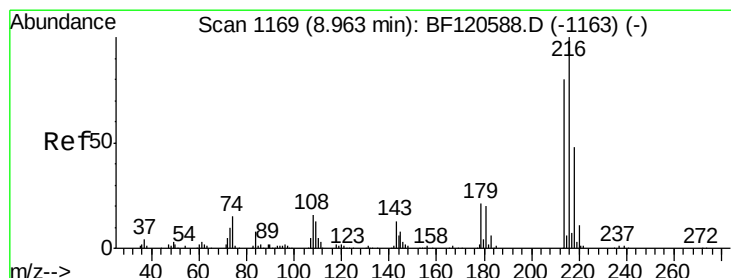
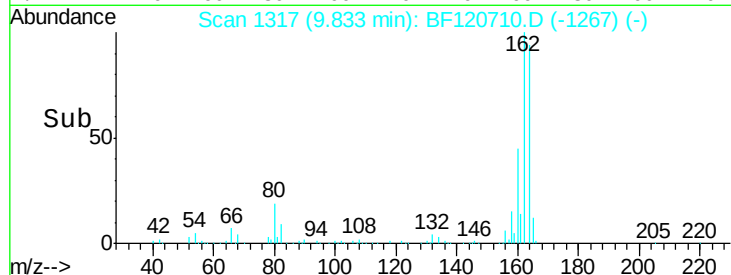
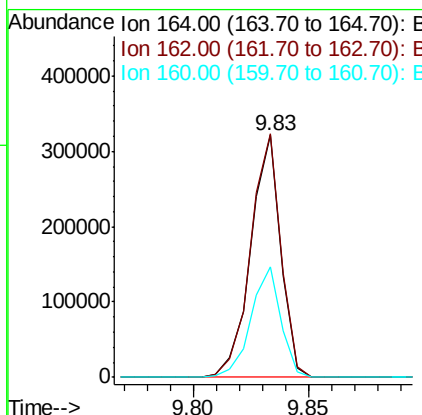
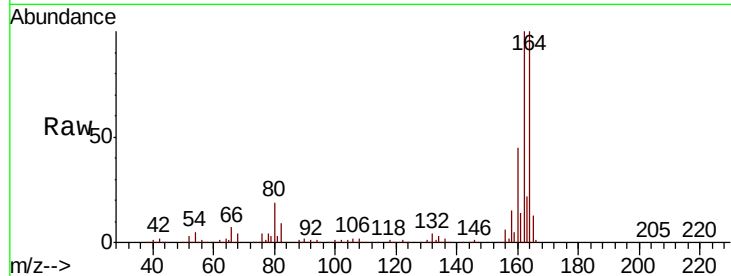




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

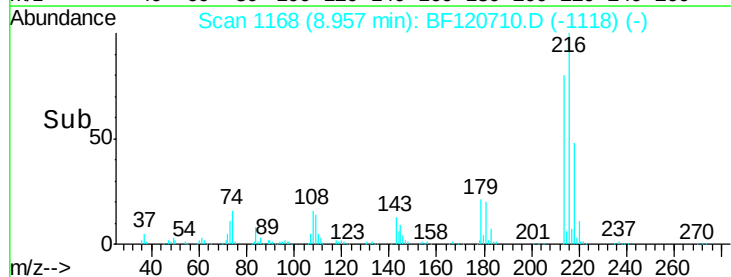
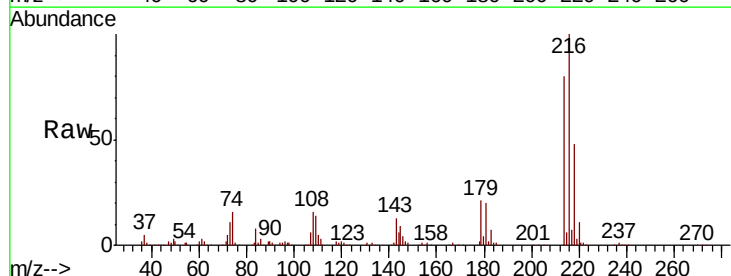
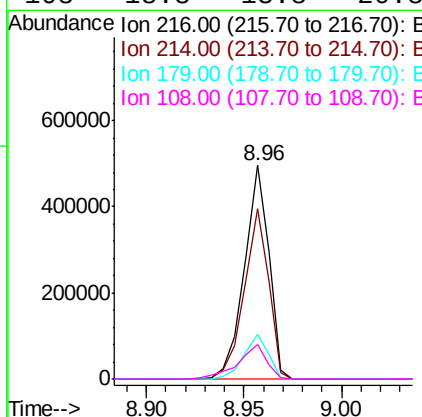
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

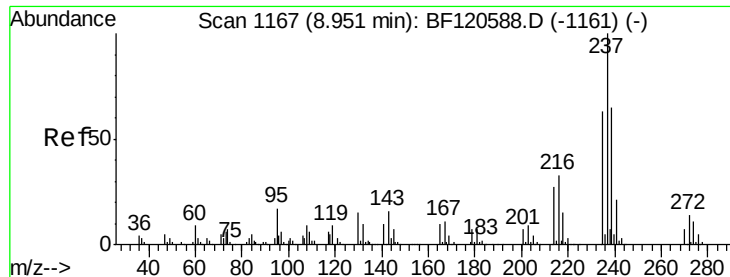
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.6	120.8
160	45.5	36.2	54.2



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.509 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.8	95.6
179	20.9	16.4	24.6
108	18.8	13.8	20.8





#41

Hexachlorocyclopentadiene

Concen: 84.403 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

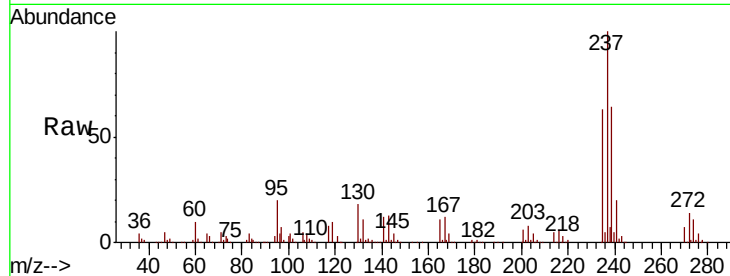
Tot Ion:237 Resp: 411886

Ion Ratio Lower Upper

237 100

235 63.2 43.2 83.2

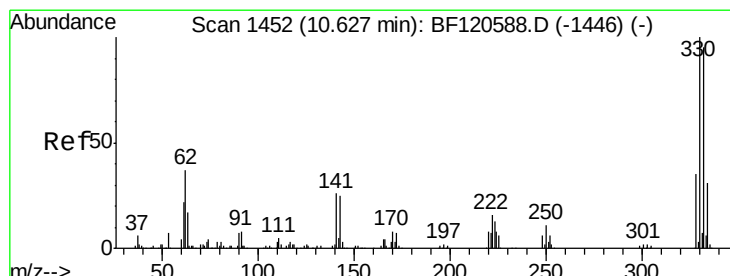
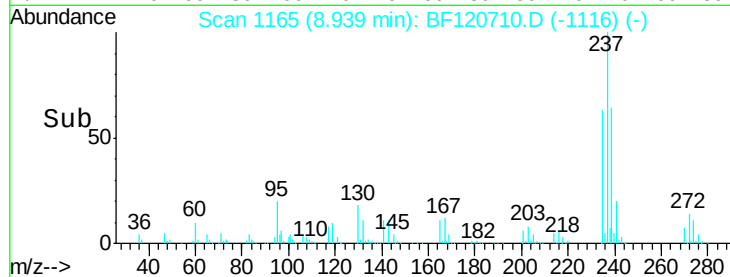
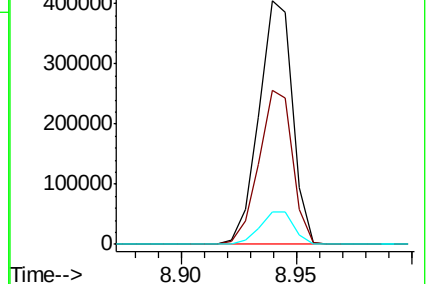
272 13.5 0.0 33.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 133.727 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

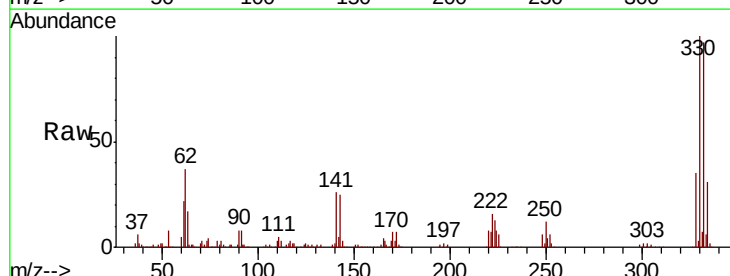
Tgt Ion:330 Resp: 453450

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

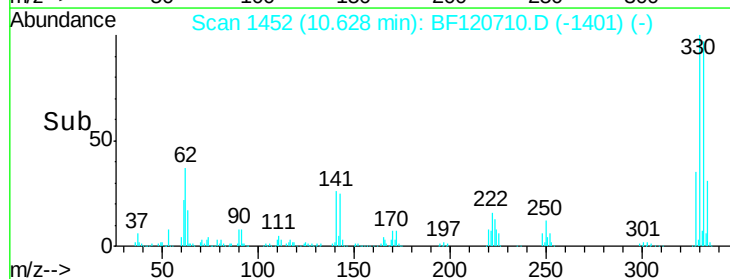
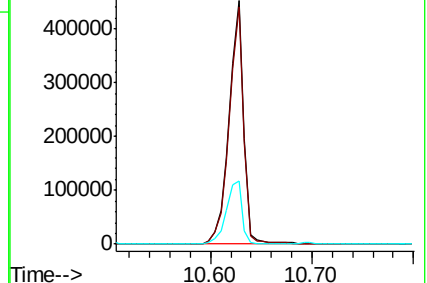
141 28.2 23.2 34.8

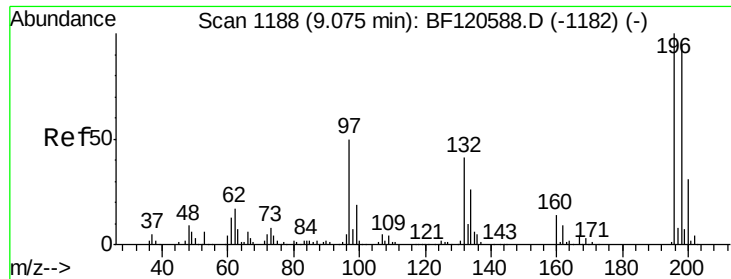


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

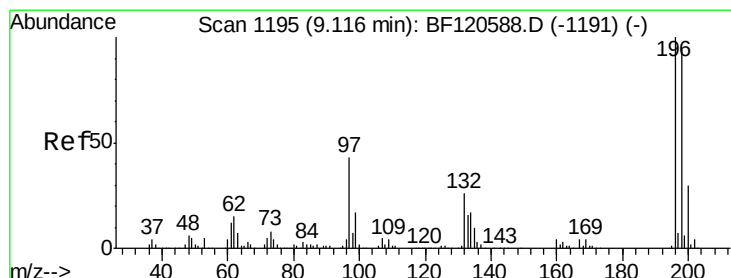
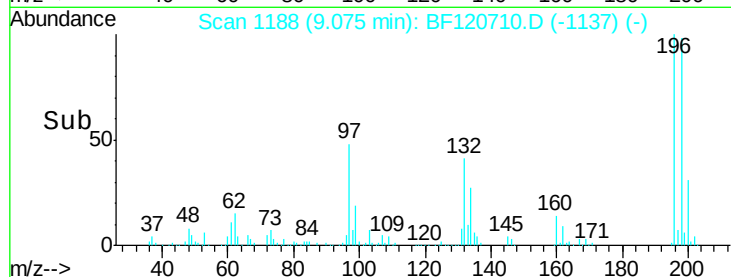
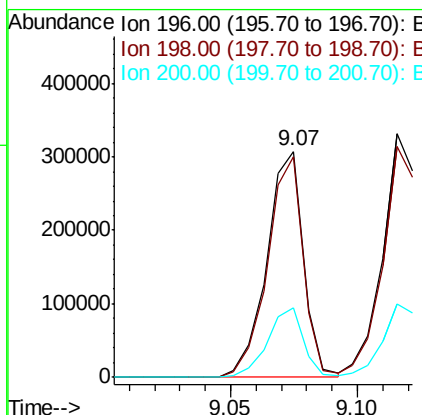
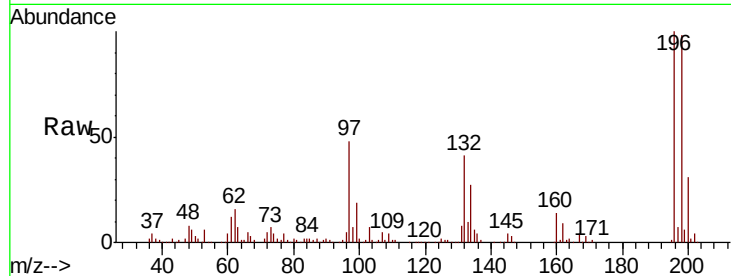




#43
 2,4,6-Trichlorophenol
 Concen: 49.749 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

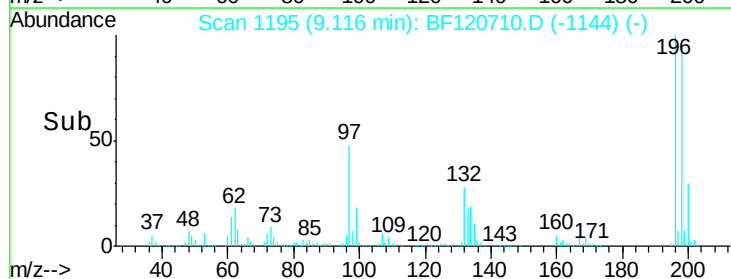
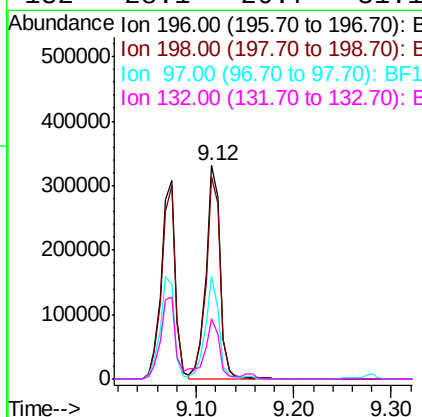
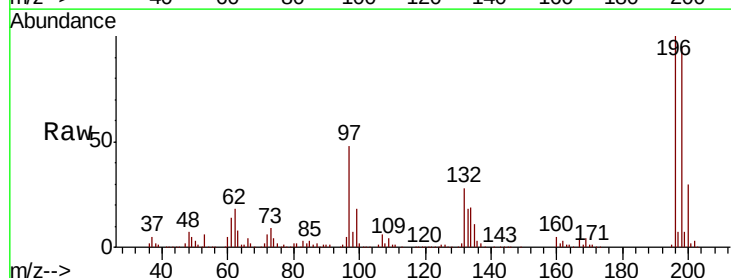
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

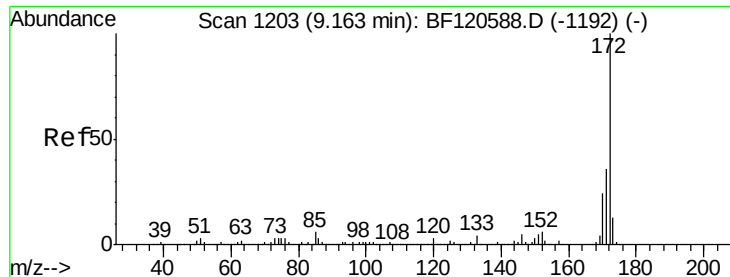
Tot Ion:196 Resp: 307323
 Ion Ratio Lower Upper
 196 100
 198 97.6 76.2 114.2
 200 30.6 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 47.307 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion:196 Resp: 331552
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.5 113.3
 97 48.1 34.4 51.6
 132 28.1 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 91.864 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

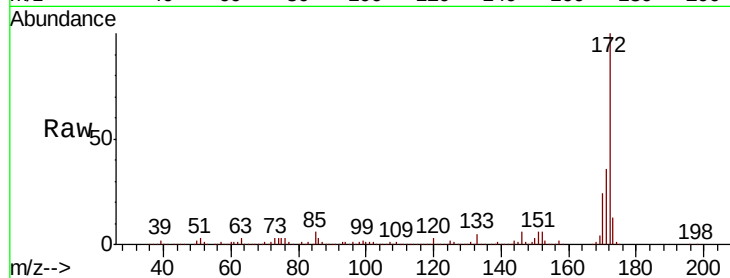
Tot Ion:172 Resp: 1751151

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

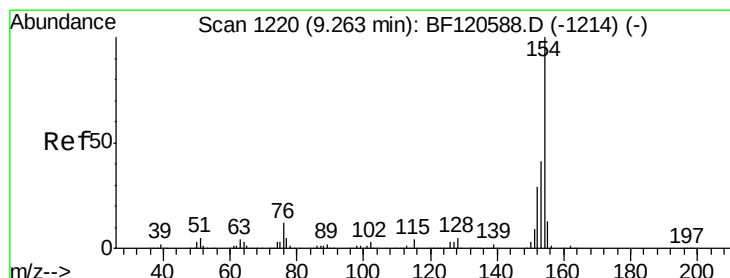
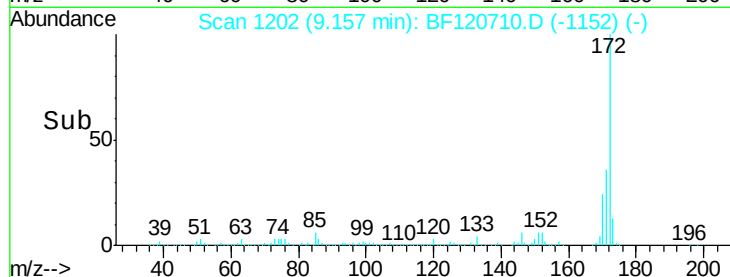
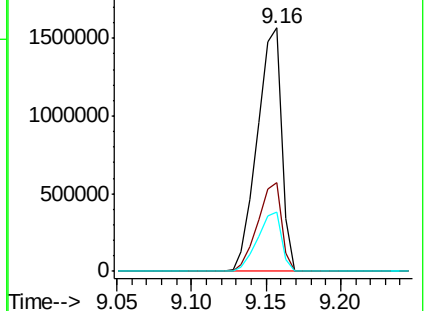
170 24.3 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 51.453 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

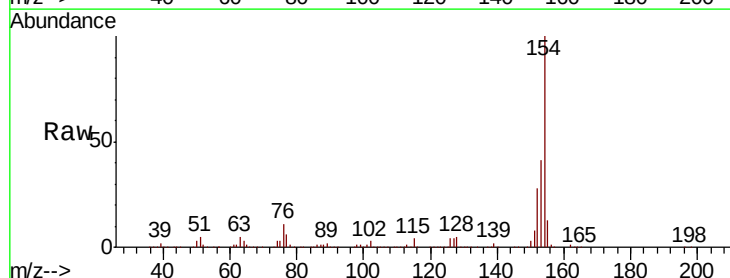
Tgt Ion:154 Resp: 1120533

Ion Ratio Lower Upper

154 100

153 41.1 21.4 61.4

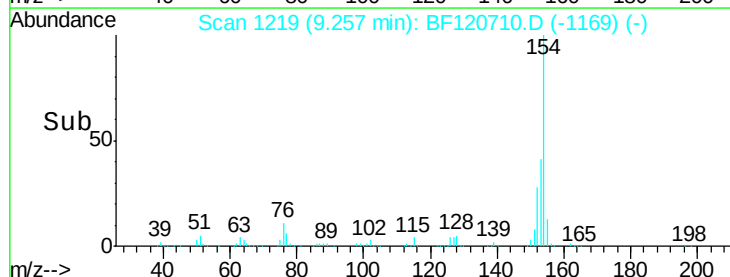
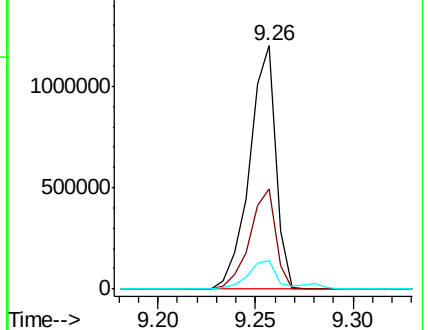
76 11.5 0.0 31.6

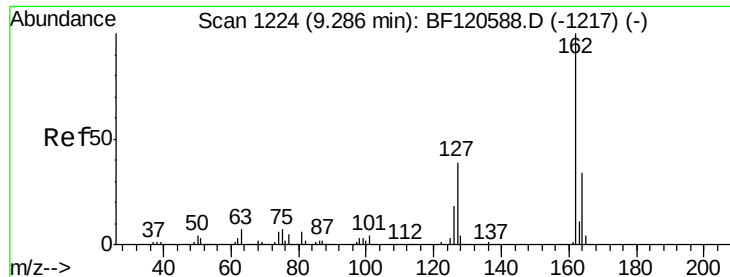


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

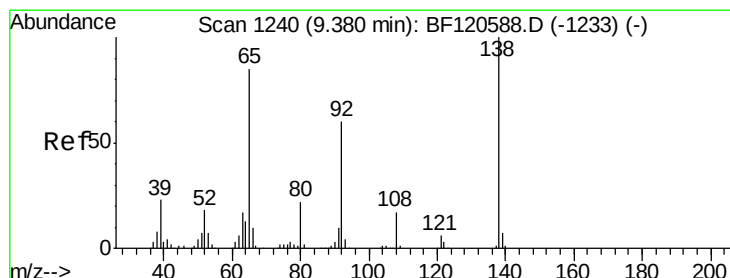
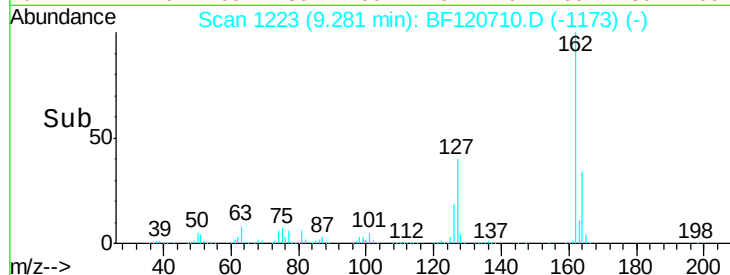
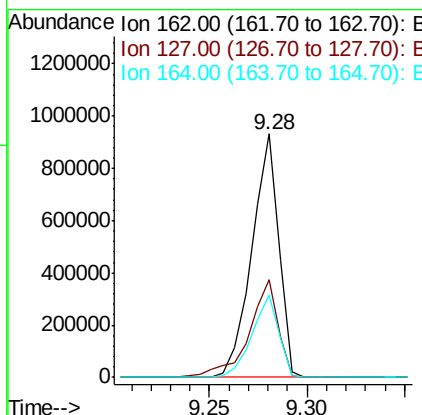
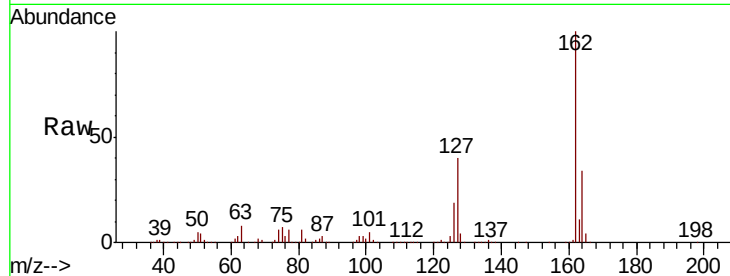




#47
 2-Chloronaphthalene
 Concen: 49.913 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

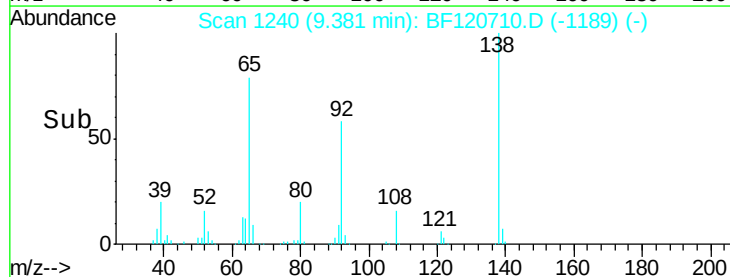
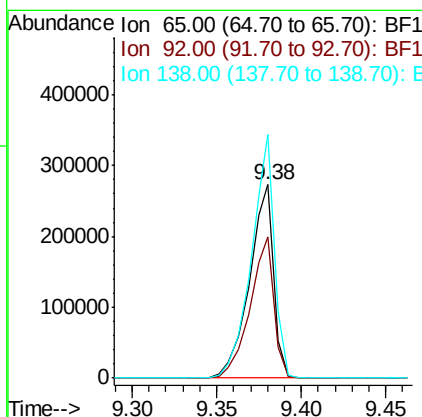
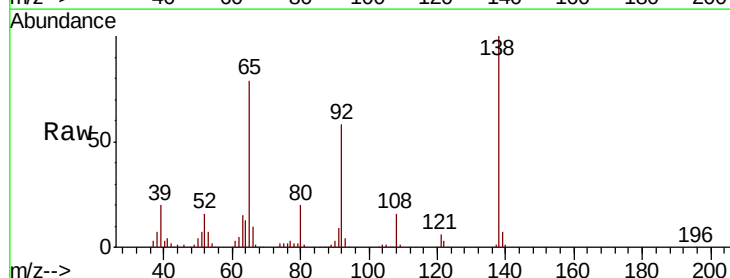
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

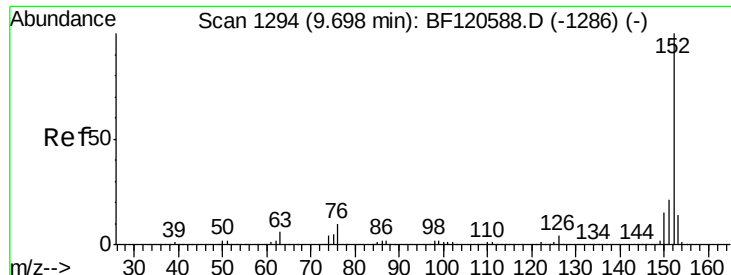
Tot Ion:	162	Resp:	888877
Ion	Ratio	Lower	Upper
162	100		
127	40.1	31.3	46.9
164	33.8	26.9	40.3



#48
 2-Nitroaniline
 Concen: 48.948 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion:	65	Resp:	273772
Ion	Ratio	Lower	Upper
65	100		
92	73.3	56.0	84.0
138	126.1	94.0	141.0





#49

Acenaphthylene

Concen: 49.935 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

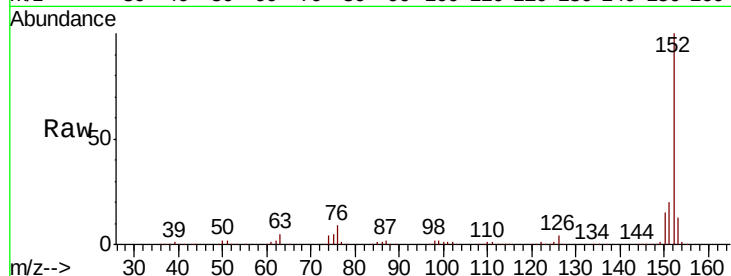
Tot Ion:152 Resp: 1372429

Ion Ratio Lower Upper

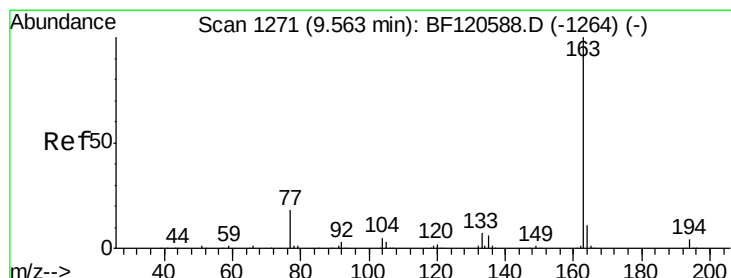
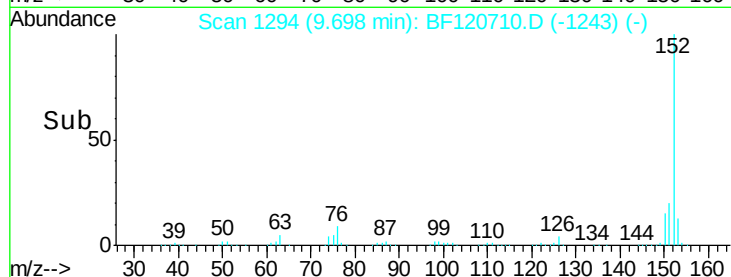
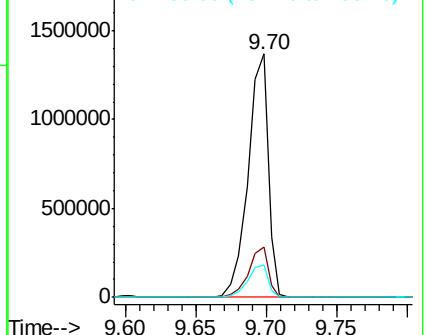
152 100

151 20.4 16.6 25.0

153 13.3 11.0 16.6



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: 50.761 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

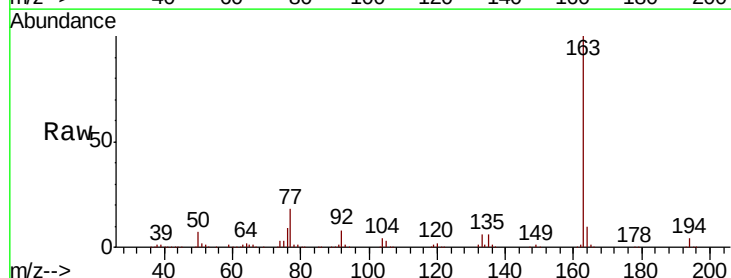
Tgt Ion:163 Resp: 1066240

Ion Ratio Lower Upper

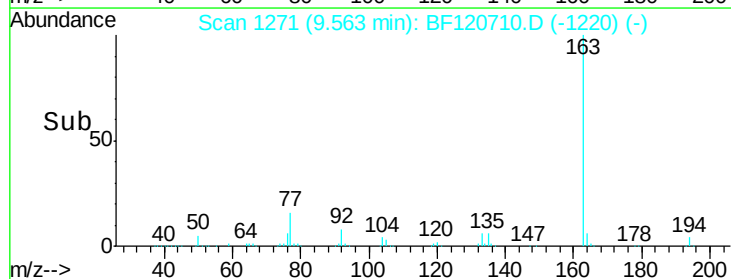
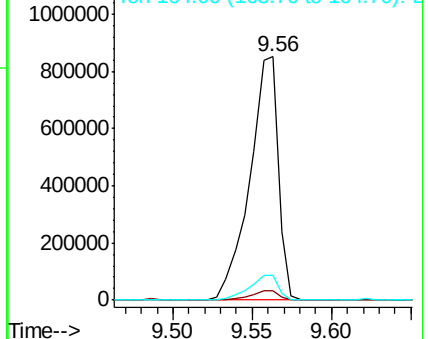
163 100

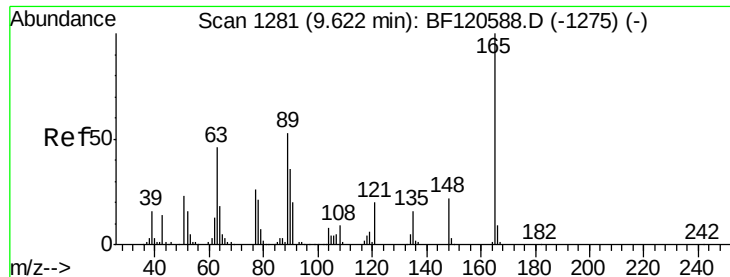
194 4.1 3.1 4.7

164 10.0 8.5 12.7



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

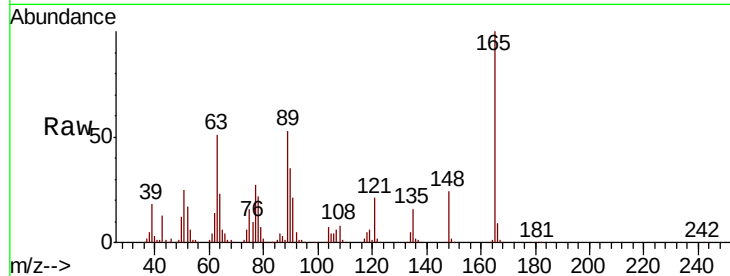




#51
2,6-Dinitrotoluene
Concen: 50.415 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

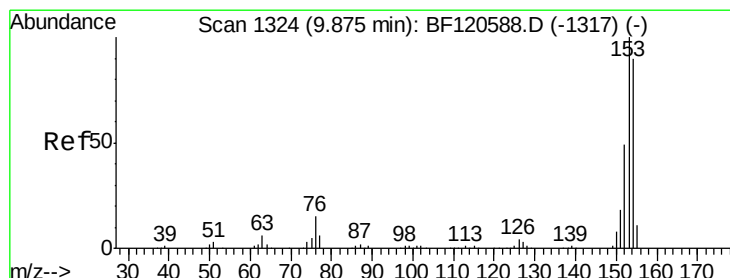
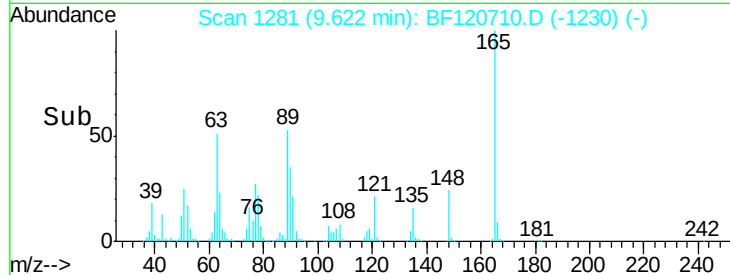
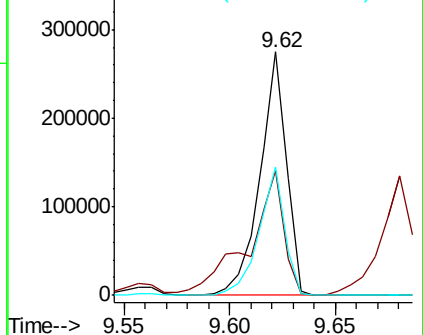
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.2	41.7	62.5
89	52.6	42.6	64.0



Abundance Ion 165.00 (164.70 to 165.70): E

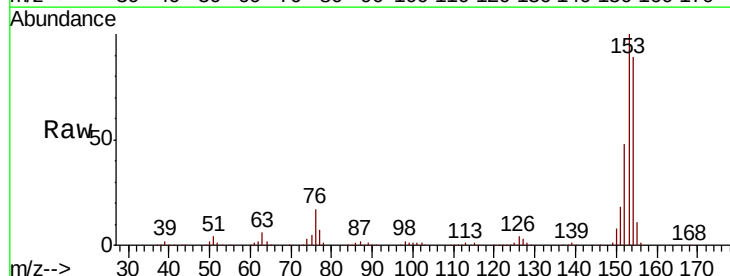
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 49.419 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

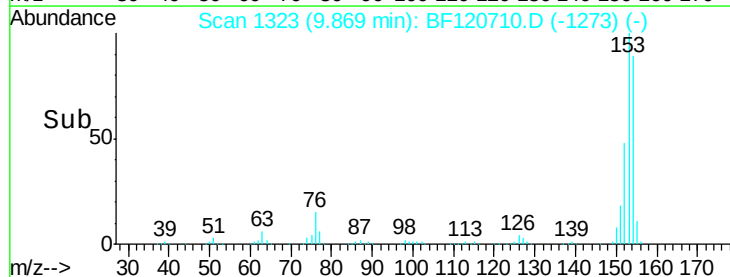
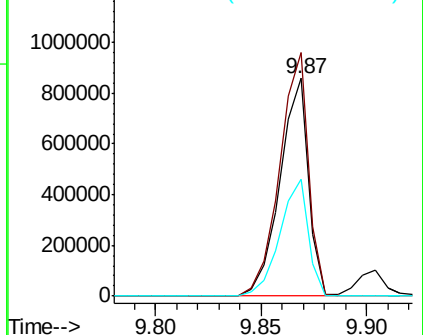
Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.1	133.7
152	53.8	43.7	65.5

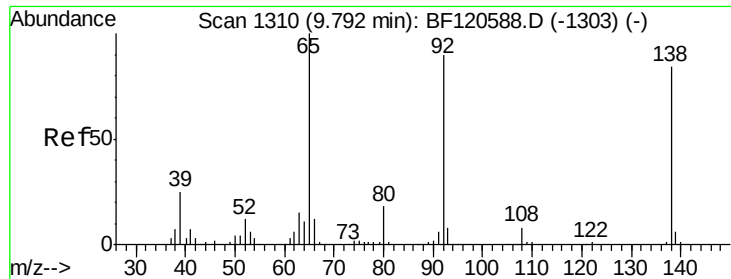


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

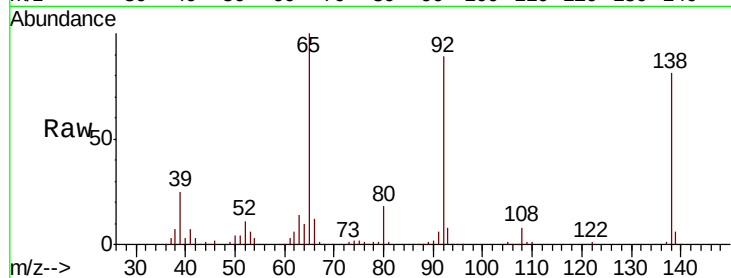




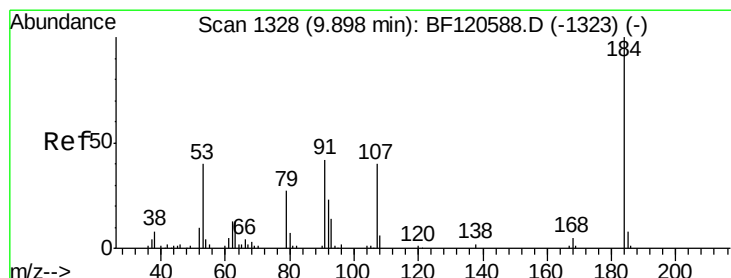
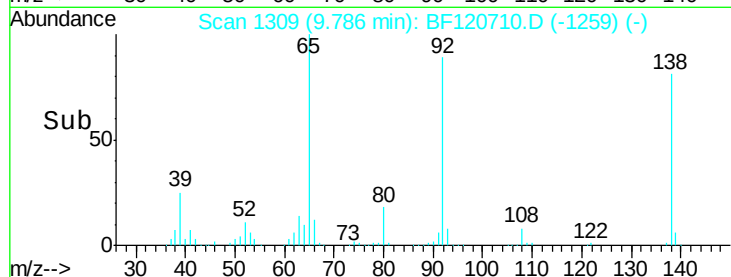
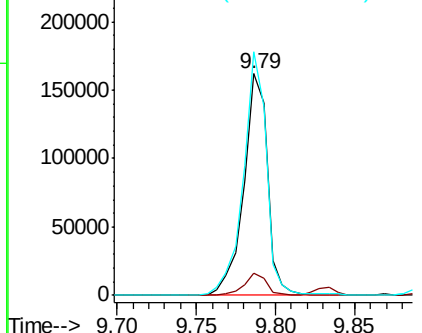
#53
 3-Nitroaniline
 Concen: 29.305 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion:138 Resp: 167553
 Ion Ratio Lower Upper
 138 100
 108 9.7 8.0 12.0
 92 109.9 86.0 129.0

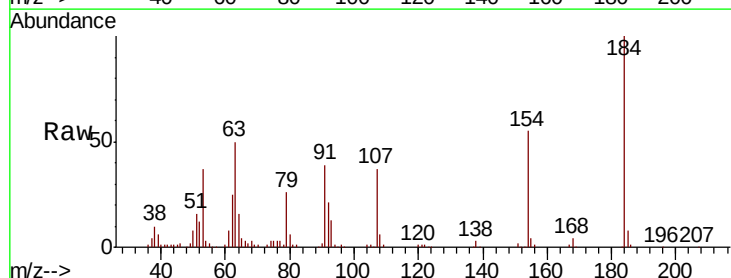


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

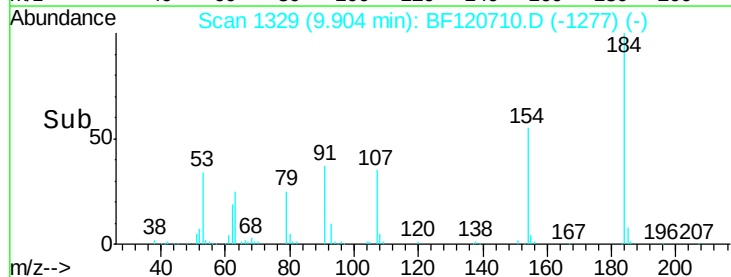
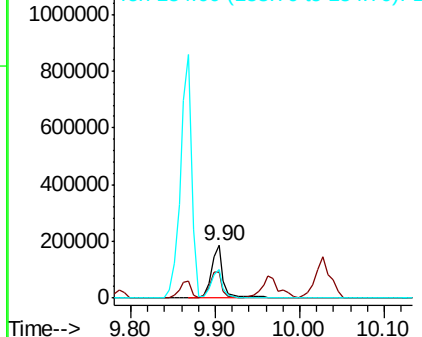


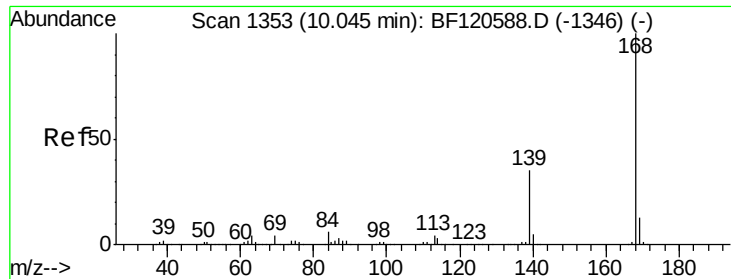
#54
 2,4-Dinitrophenol
 Concen: 66.852 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion:184 Resp: 185231
 Ion Ratio Lower Upper
 184 100
 63 50.3 44.2 66.2
 154 55.4 45.9 68.9



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

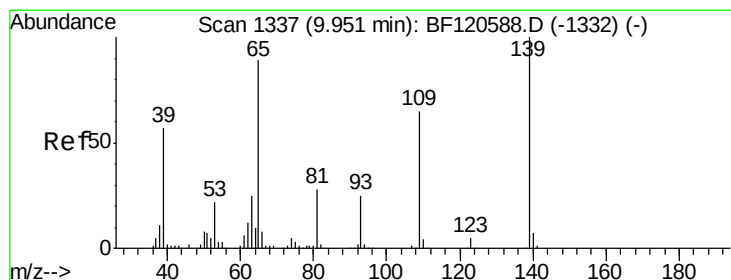
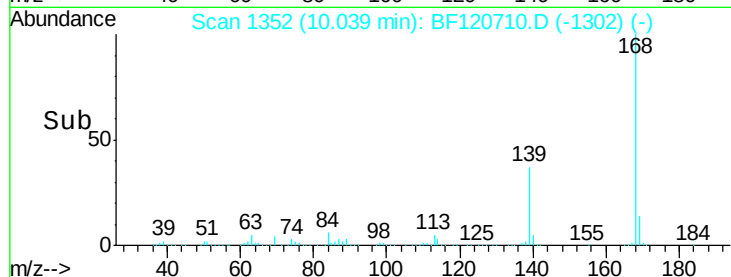
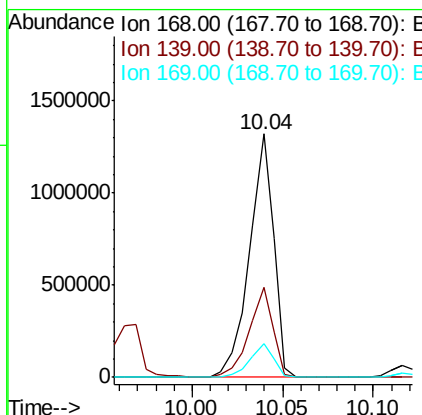
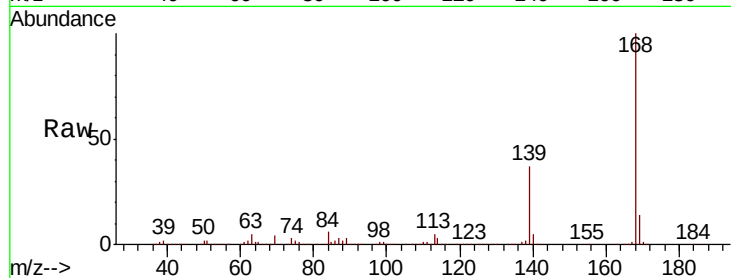




#55
Dibenzenofuran
Concen: 48.636 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

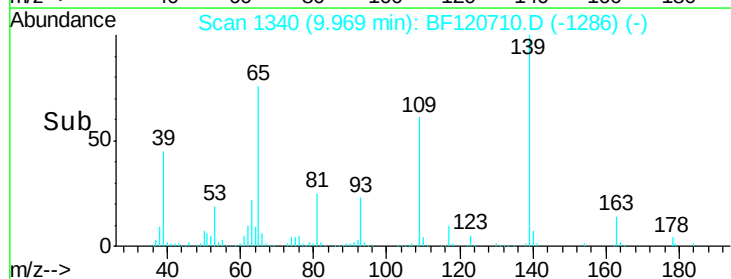
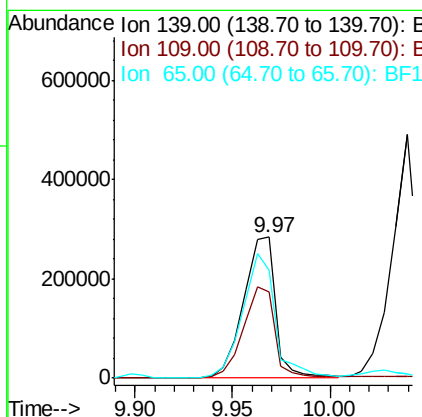
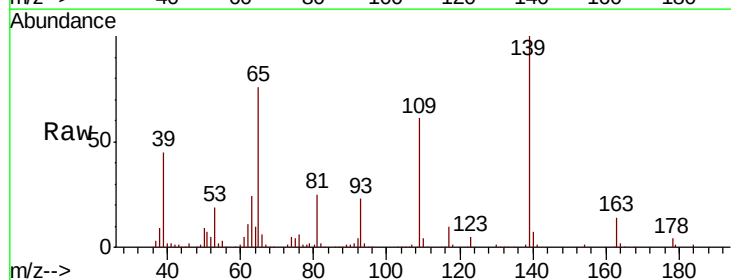
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

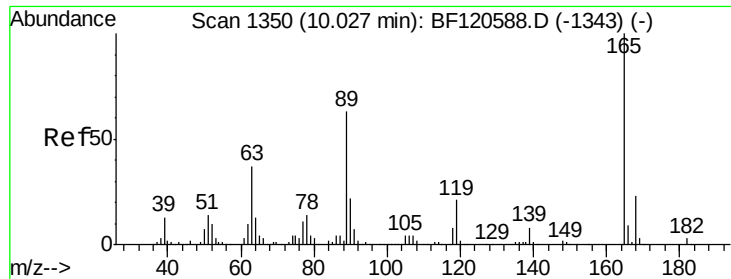
Tot Ion:168 Resp: 1222414
Ion Ratio Lower Upper
168 100
139 37.2 28.1 42.1
169 14.0 10.6 16.0



#56
4-Nitrophenol
Concen: 75.944 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.02 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion:139 Resp: 327032
Ion Ratio Lower Upper
139 100
109 61.3 44.6 84.6
65 76.1 69.2 109.2

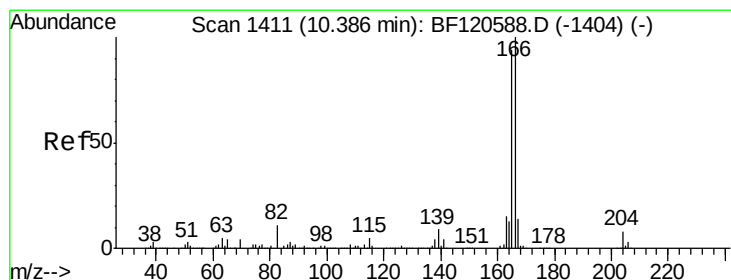
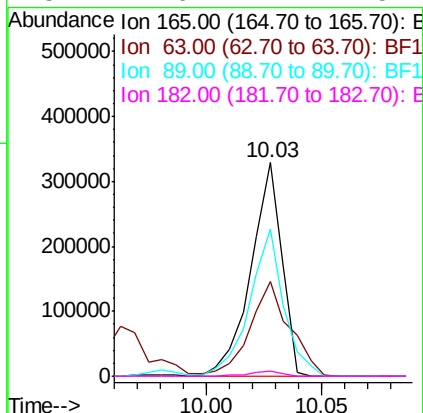
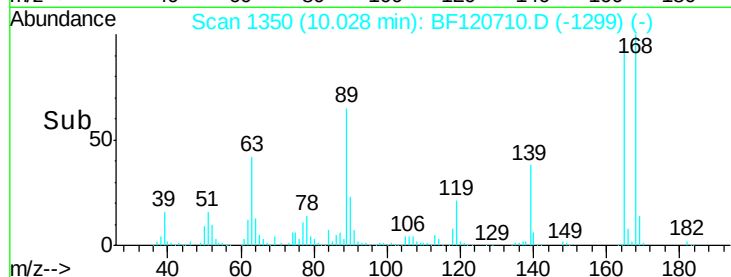
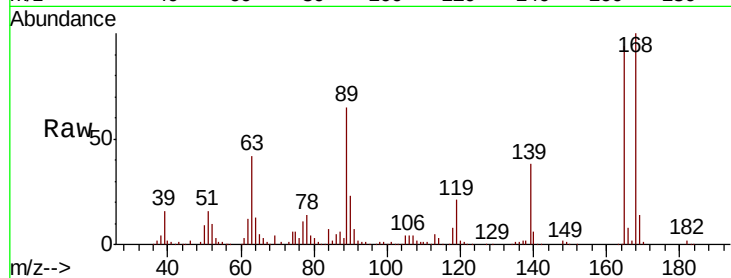




#57
2,4-Dinitrotoluene
Concen: 49.018 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

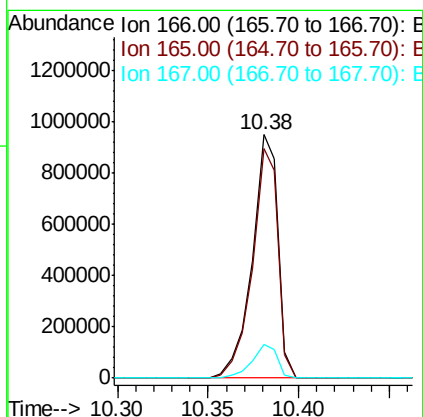
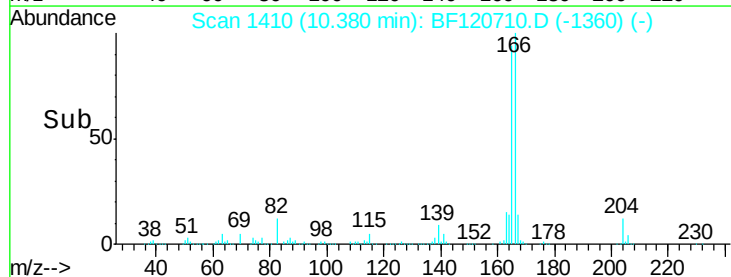
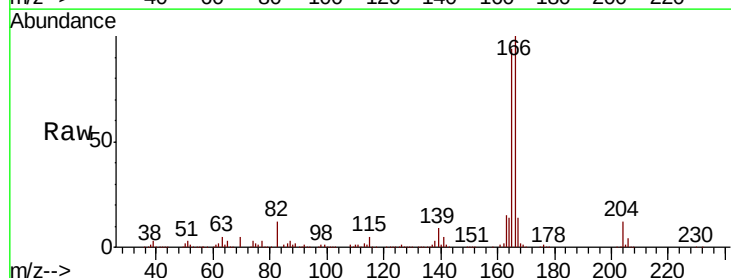
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

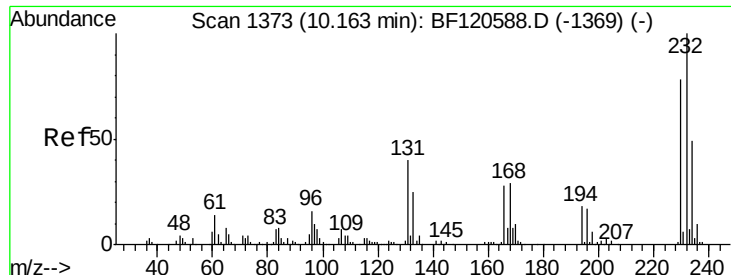
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.6	29.8	44.8
89	69.2	50.4	75.6
182	2.6	2.1	3.1



#58
Fluorene
Concen: 48.281 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.4	75.0	112.6
167	14.0	11.0	16.4

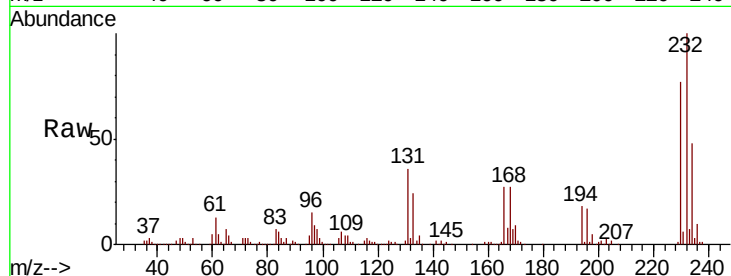




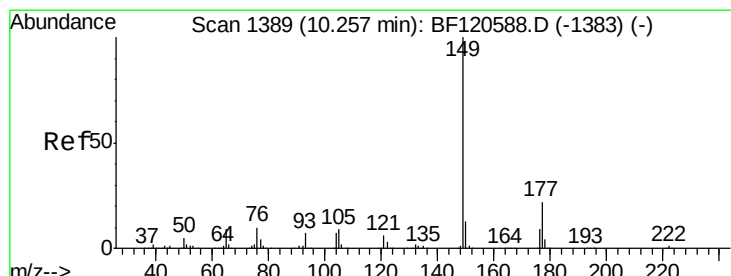
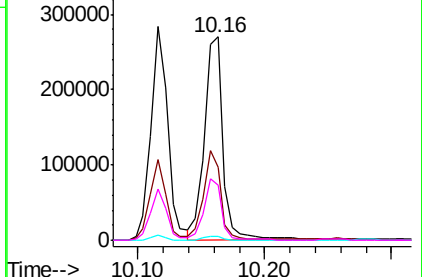
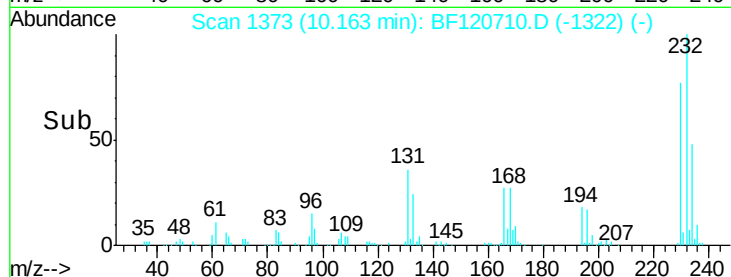
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.237 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion:	232	Resp:	276999
Ion	Ratio	Lower	Upper
232	100		
131	41.4	33.5	50.3
130	2.0	1.5	2.3
166	28.9	23.4	35.0

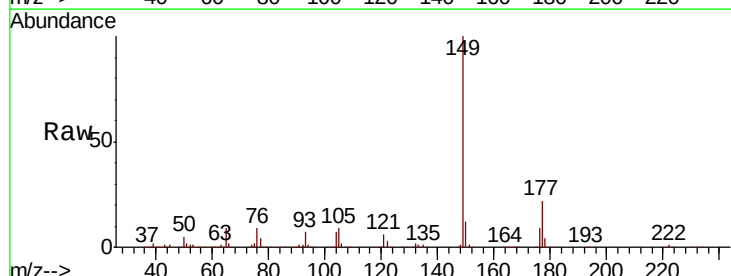


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

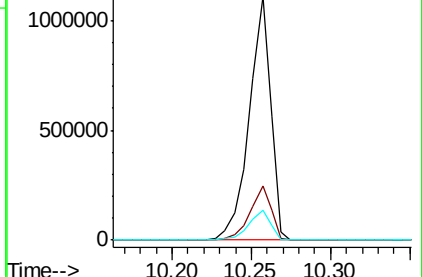
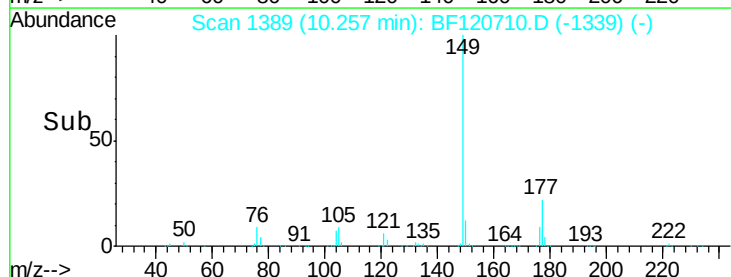


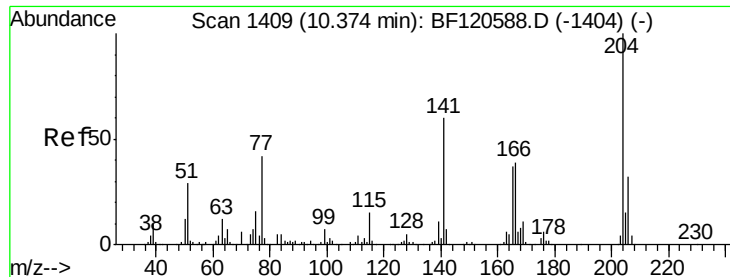
#60
 Diethylphthalate
 Concen: 50.256 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion:	149	Resp:	1039673
Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.3	25.9
150	12.5	10.3	15.5



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

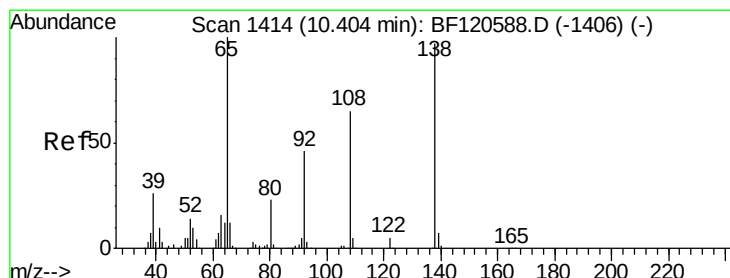
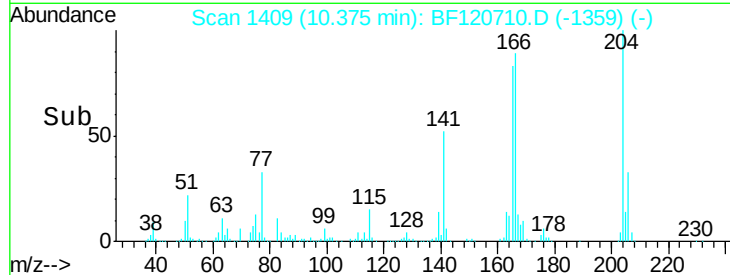
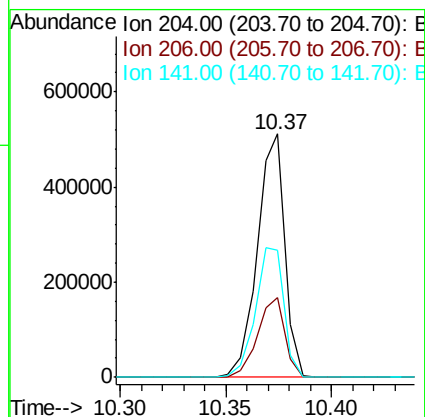
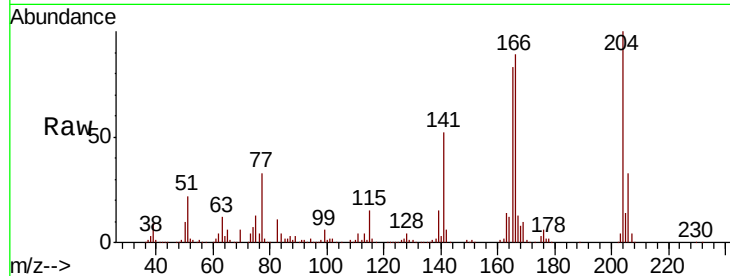




#61
 4-Chlorophenyl-phenylether
 Concen: 46.243 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

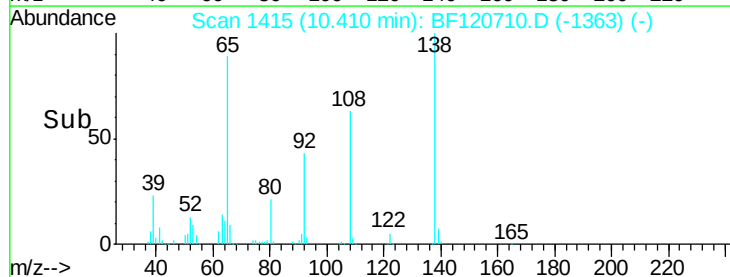
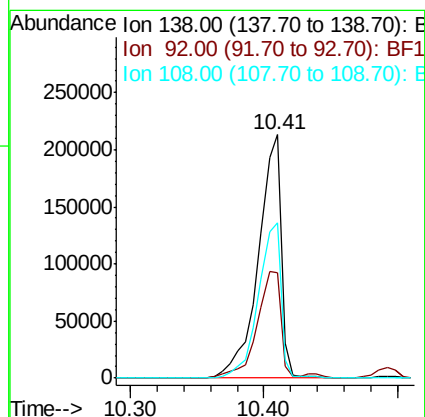
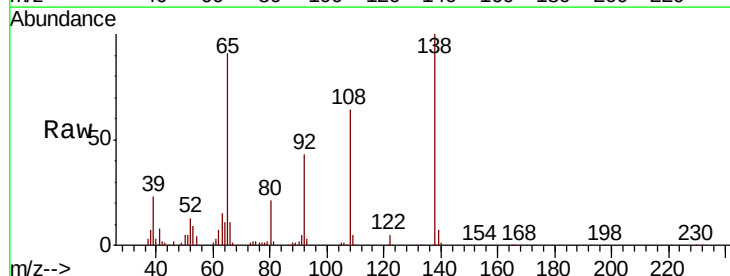
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

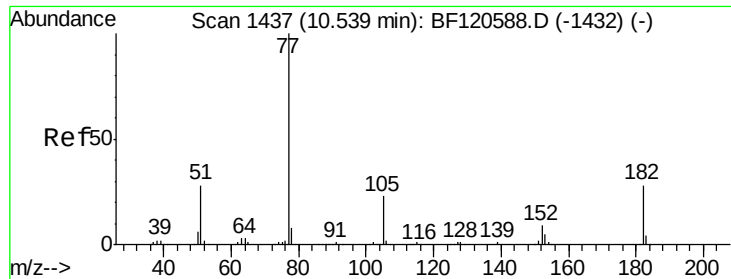
Tot Ion:	204	Resp:	462691
Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.9	38.9
141	52.4	47.6	71.4



#62
 4-Nitroaniline
 Concen: 44.348 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion:	138	Resp:	251729
Ion	Ratio	Lower	Upper
138	100		
92	43.3	27.3	67.3
108	63.9	47.4	87.4





#63

Azobenzene

Concen: 50.352 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

Tot Ion: 77 Resp: 945541

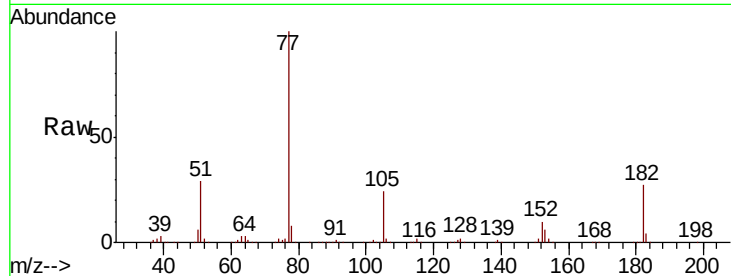
Ion Ratio Lower Upper

77 100

182 27.5 7.7 47.7

105 23.6 3.2 43.2

51 28.6 8.5 48.5

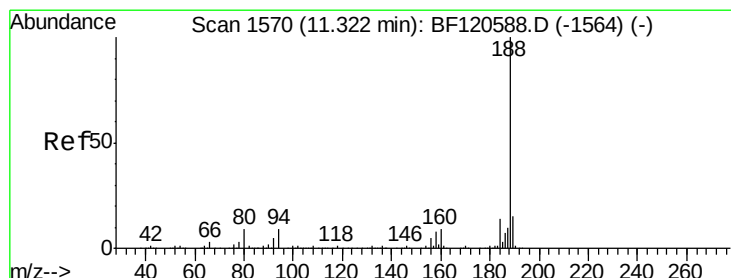
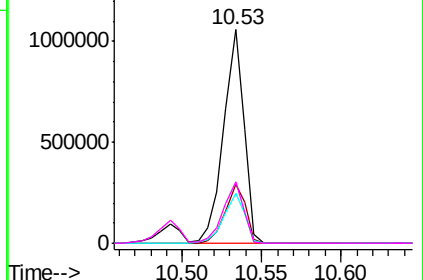
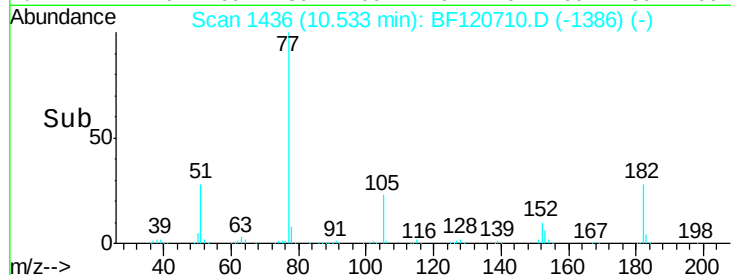


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

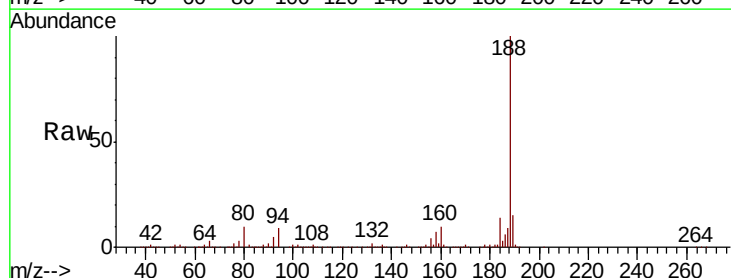
Tgt Ion: 188 Resp: 564301

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

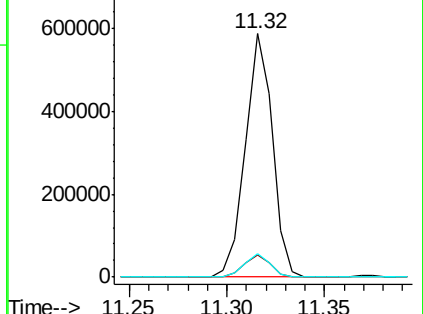
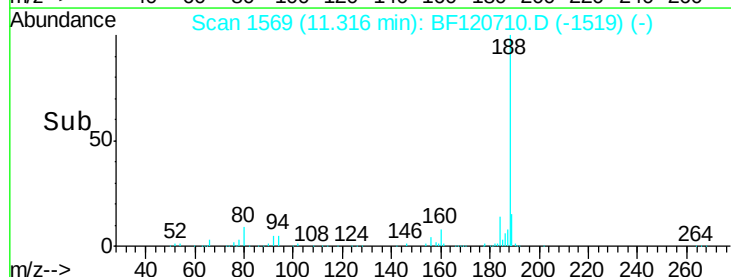
80 9.8 7.4 11.2

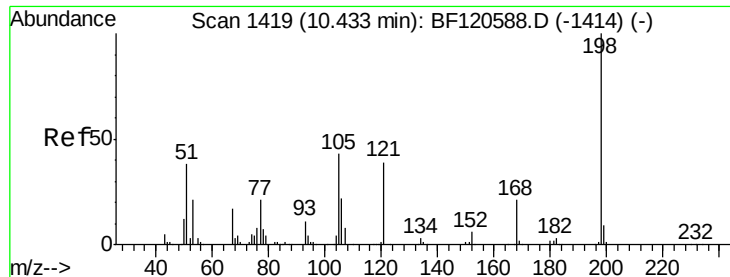


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

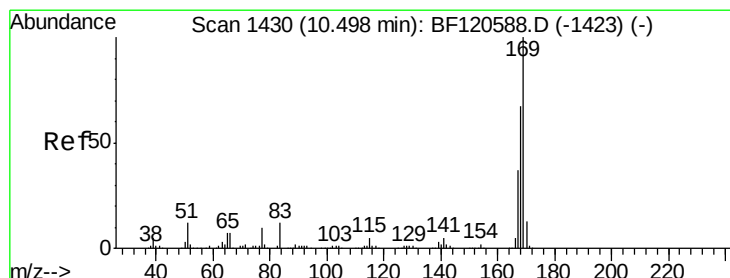
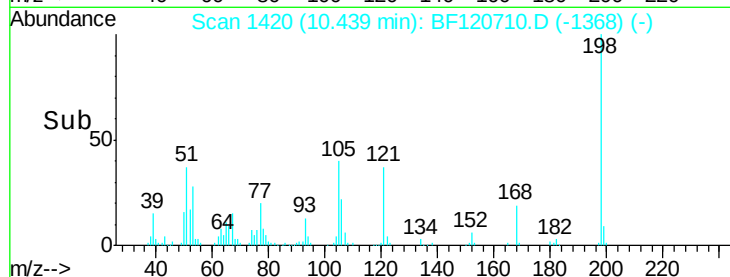
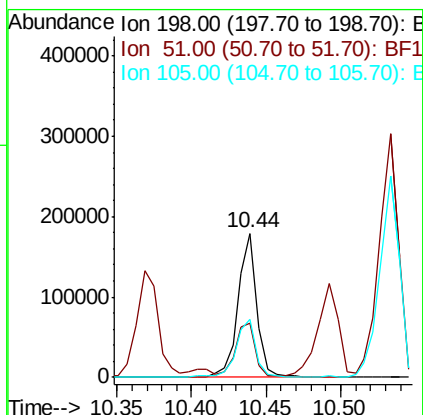
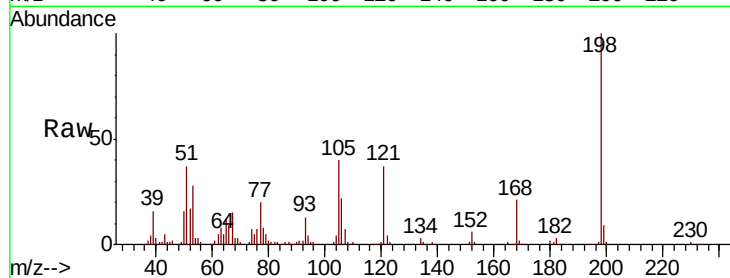




#65
4,6-Dinitro-2-methylphenol
Concen: 46.758 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

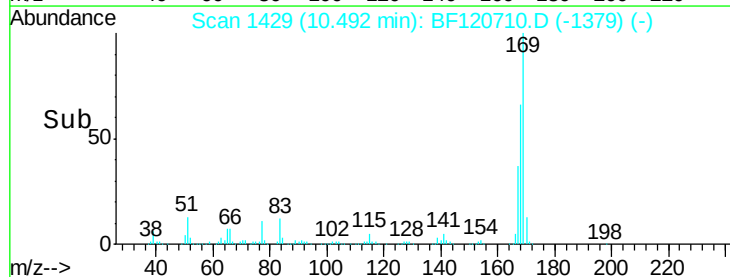
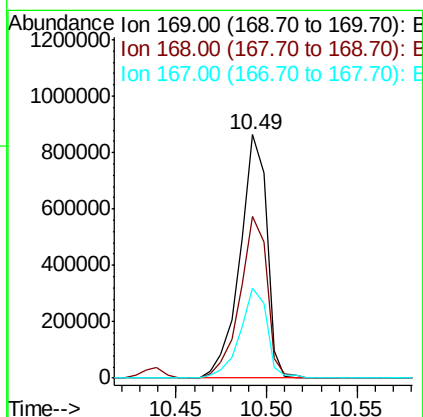
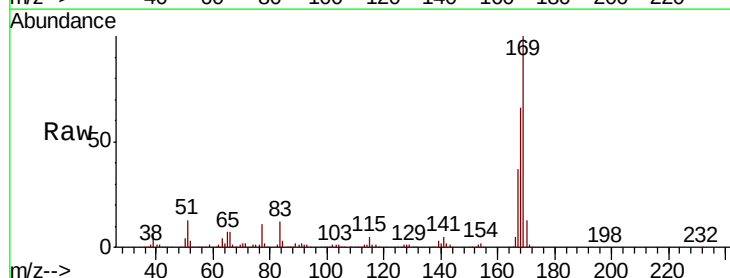
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

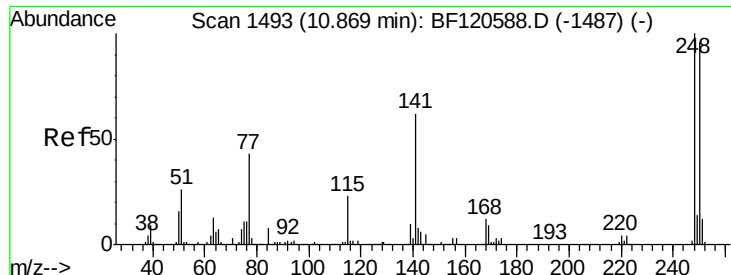
Tot Ion:198 Resp: 158323
Ion Ratio Lower Upper
198 100
51 37.2 24.8 64.8
105 40.2 23.9 63.9



#66
n-Nitrosodiphenylamine
Concen: 51.217 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion:169 Resp: 887544
Ion Ratio Lower Upper
169 100
168 66.4 53.7 80.5
167 36.8 29.9 44.9

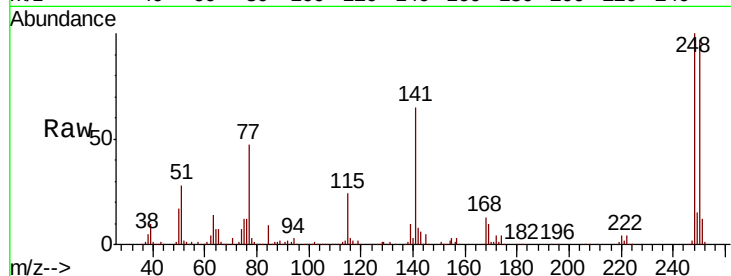




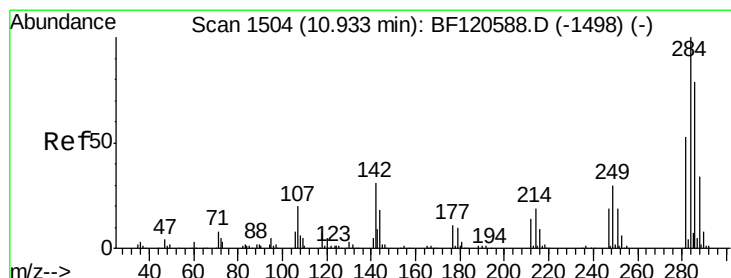
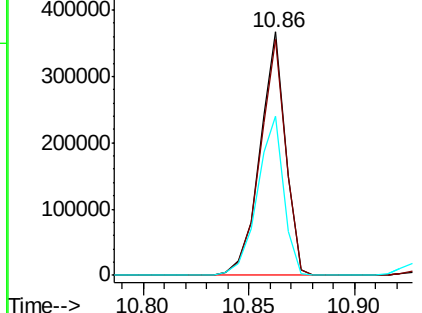
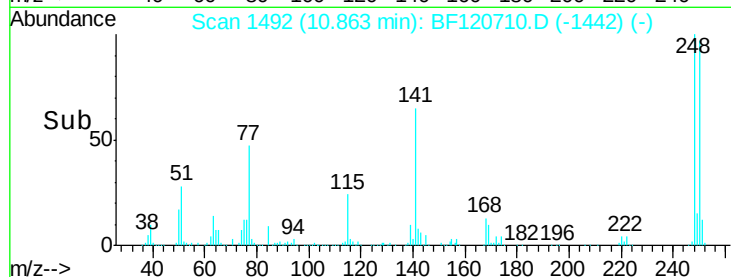
#67
 4-Bromophenyl-phenylether
 Concen: 48.178 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion:248 Resp: 308546
 Ion Ratio Lower Upper
 248 100
 250 96.7 76.7 115.1
 141 65.3 49.4 74.0

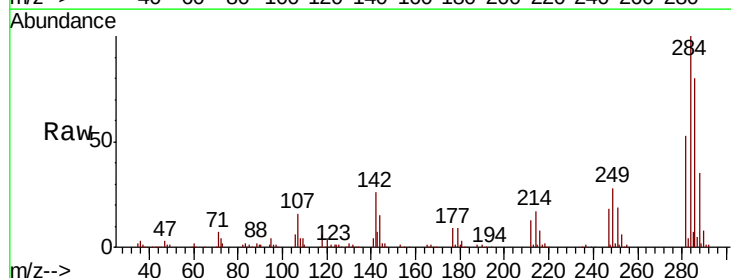


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

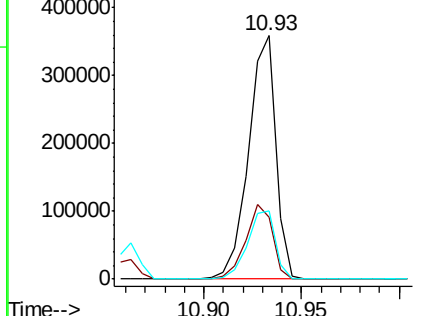
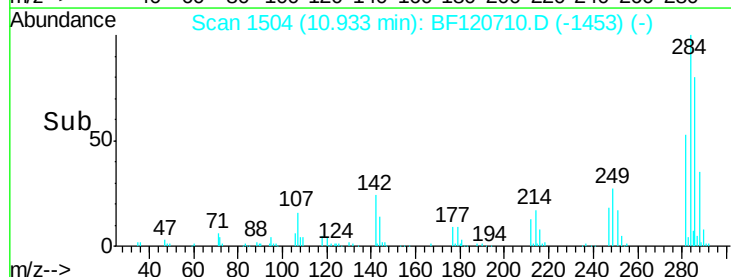


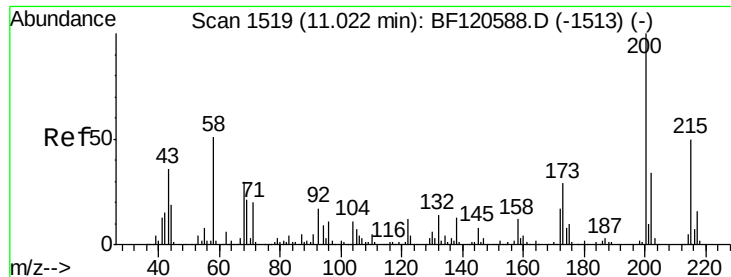
#68
 Hexachlorobenzene
 Concen: 50.452 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion:284 Resp: 347398
 Ion Ratio Lower Upper
 284 100
 142 25.6 25.1 37.7
 249 28.2 24.0 36.0



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

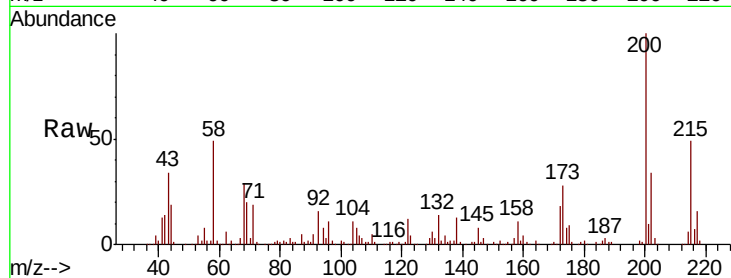




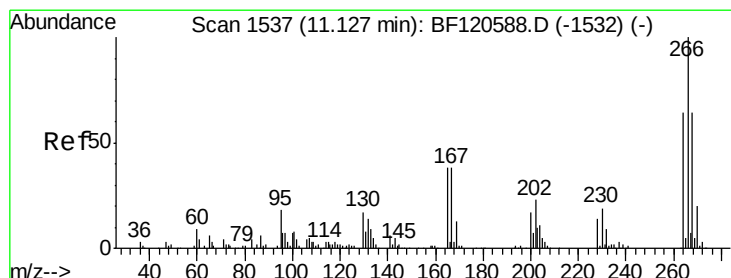
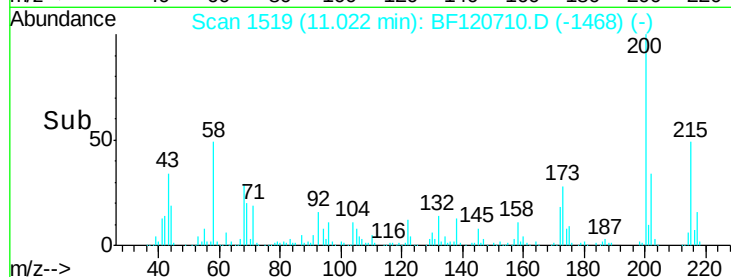
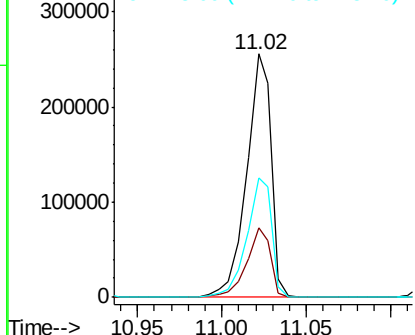
#69
 Atrazine
 Concen: 48.521 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion:200 Resp: 260197
 Ion Ratio Lower Upper
 200 100
 173 28.4 9.1 49.1
 215 49.0 29.8 69.8

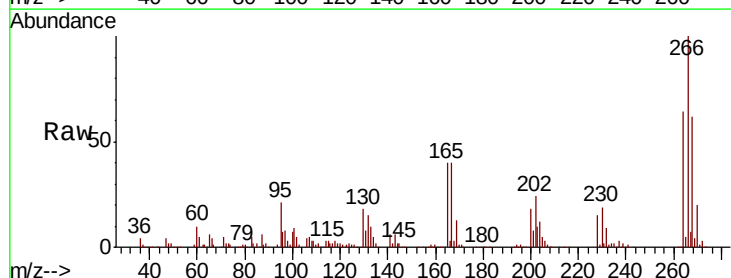


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

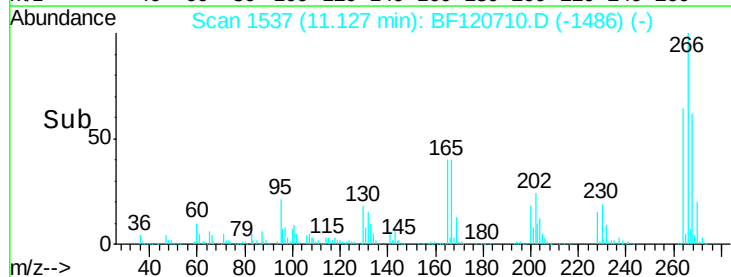
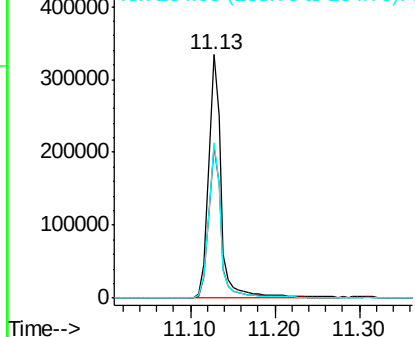


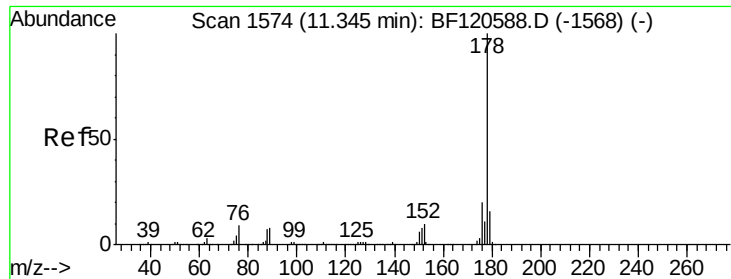
#70
 Pentachlorophenol
 Concen: 92.347 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion:266 Resp: 353520
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.4 77.0
 264 63.8 50.8 76.2



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





#71

Phenanthrene

Concen: 49.531 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

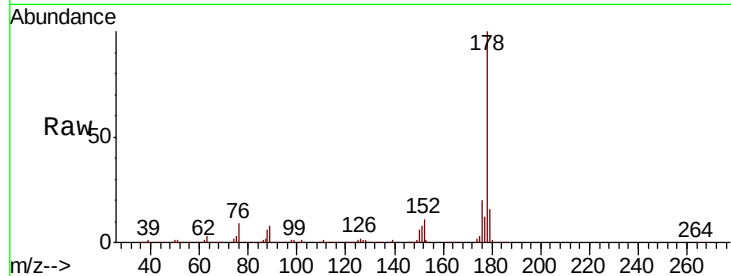
Tot Ion:178 Resp: 1389407

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

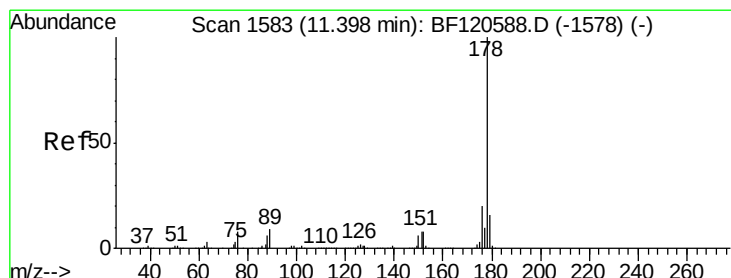
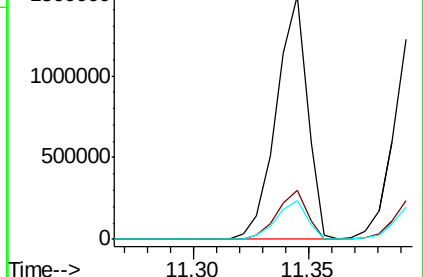
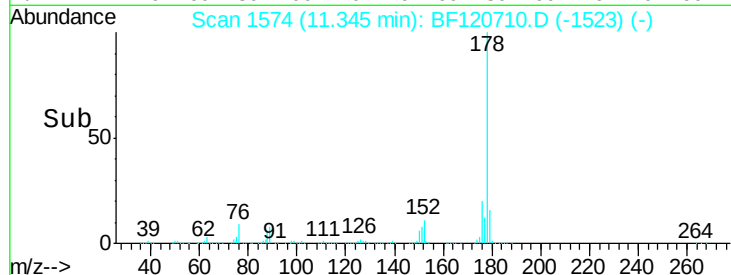
179 16.0 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.677 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

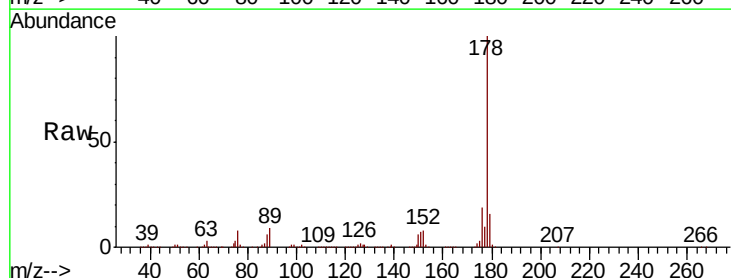
Tgt Ion:178 Resp: 1432895

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

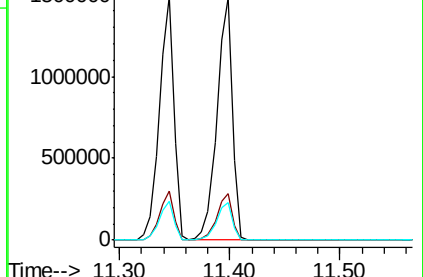
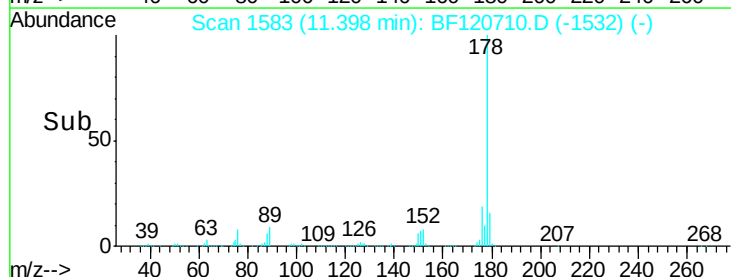
179 15.8 12.9 19.3

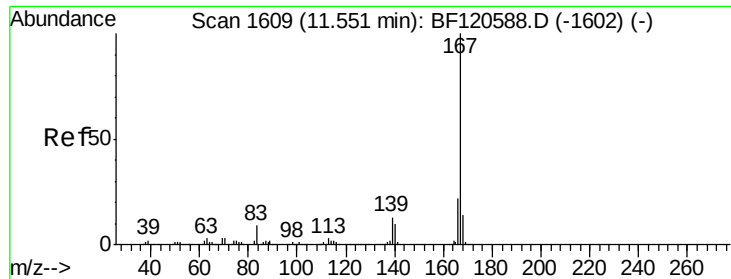


Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

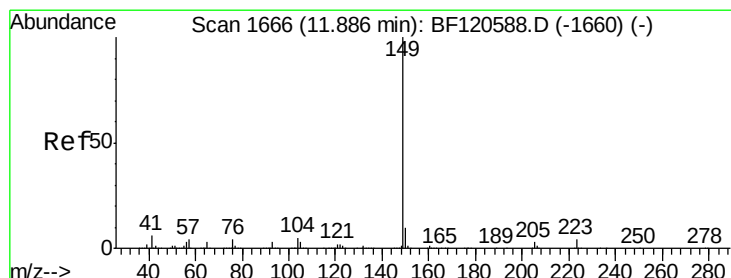
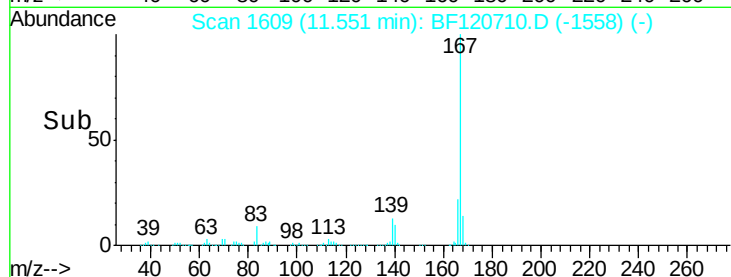
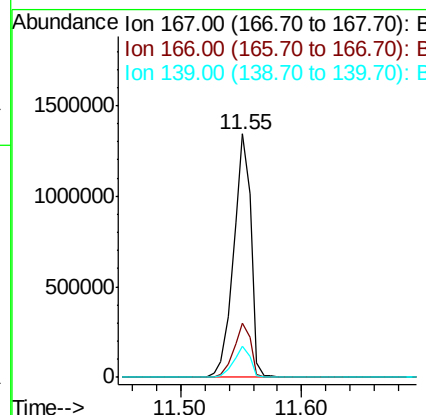
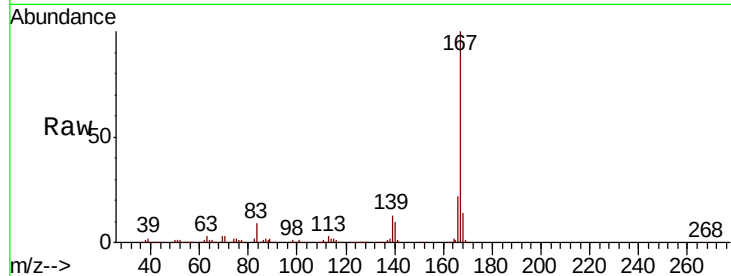




#73
 Carbazole
 Concen: 47.645 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

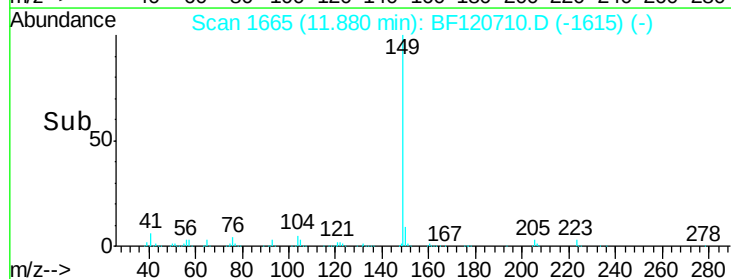
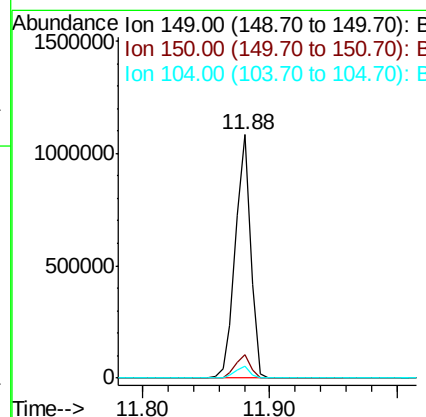
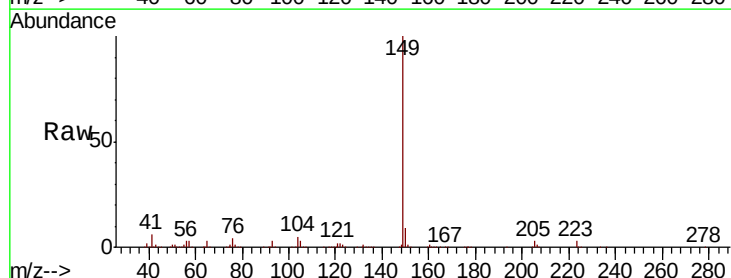
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

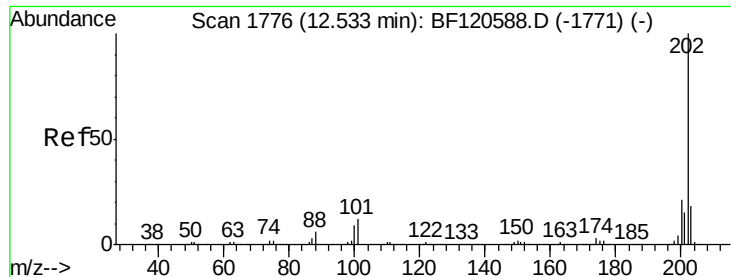
Tot Ion:167 Resp: 1333561
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.2 25.8
 139 12.8 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 28.510 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion:149 Resp: 897121
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.7 3.7 5.5

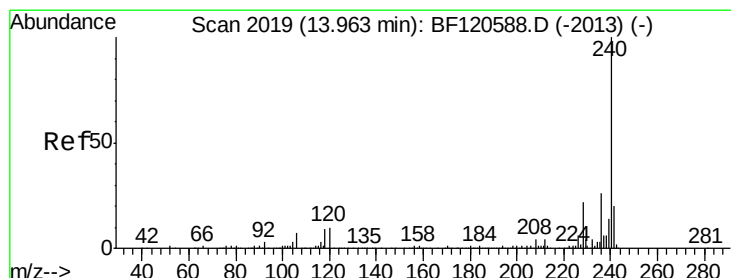
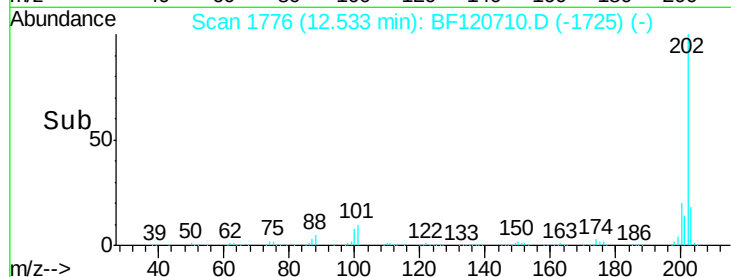
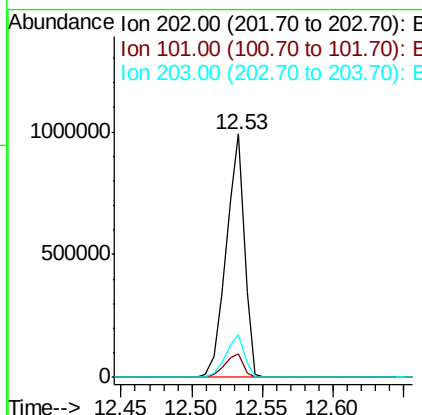
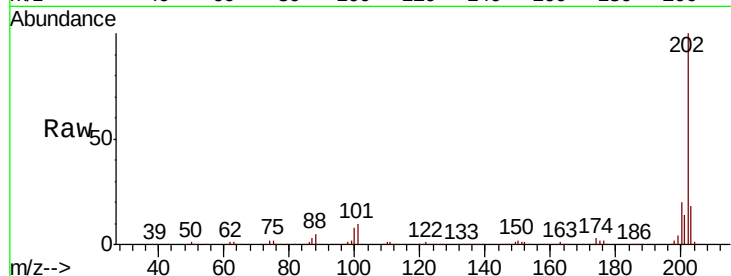




#75
Fluoranthene
Concen: 27.643 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

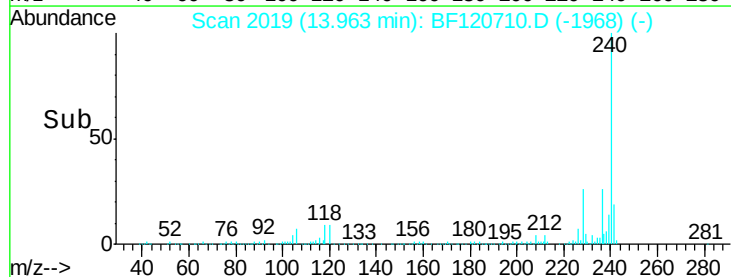
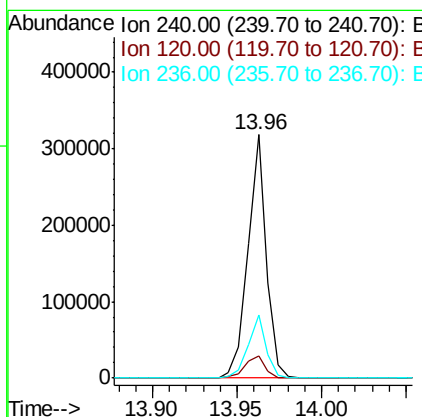
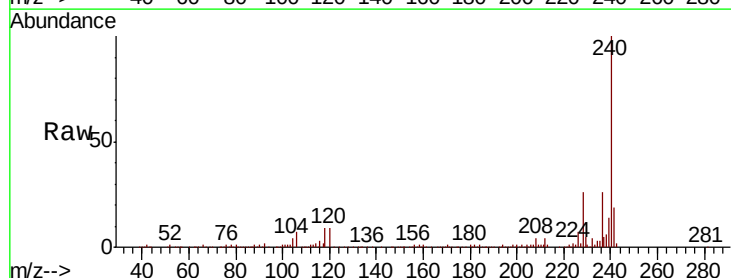
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

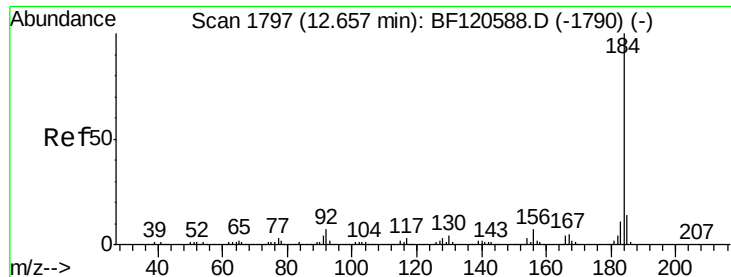
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	32.0
203	17.6	0.0	38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.3	12.5
236	25.7	21.0	31.4





#77

Benzidine

Concen: 27.683 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

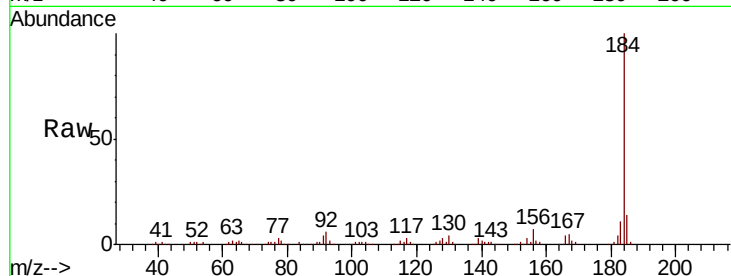
Tot Ion:184 Resp: 228394

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.0

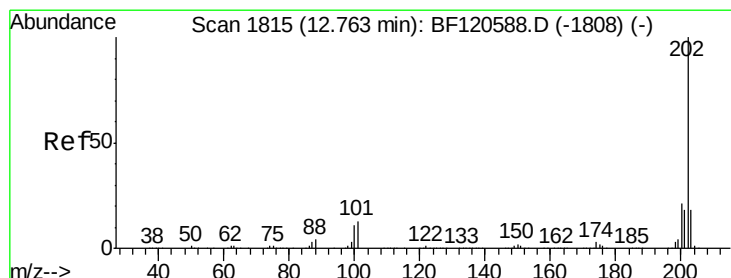
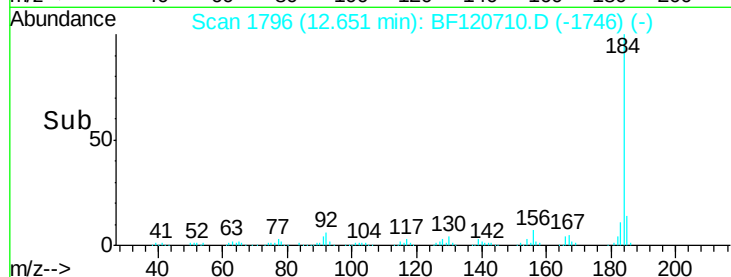
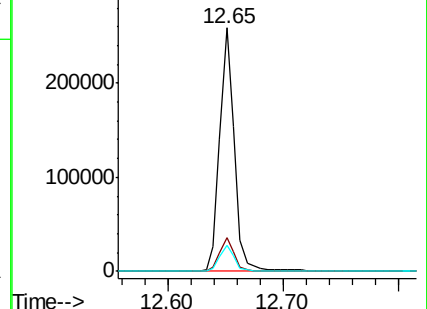
183 10.9 9.0 13.6



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: 52.463 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

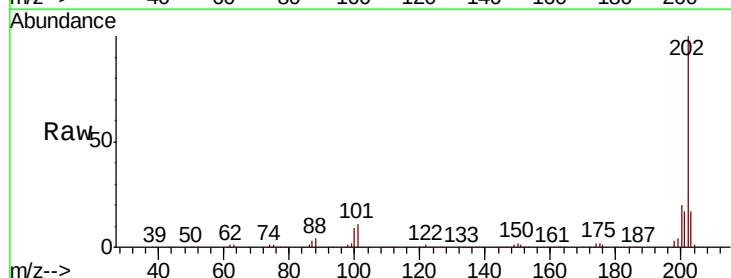
Tgt Ion:202 Resp: 906670

Ion Ratio Lower Upper

202 100

200 20.4 16.8 25.2

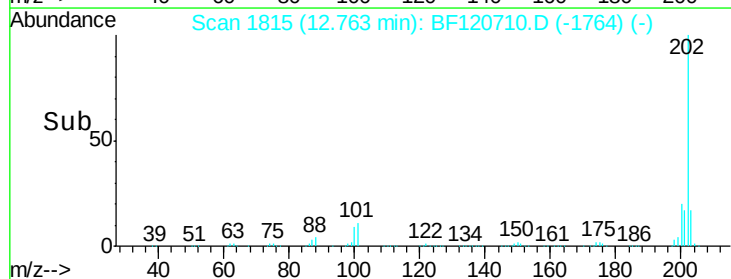
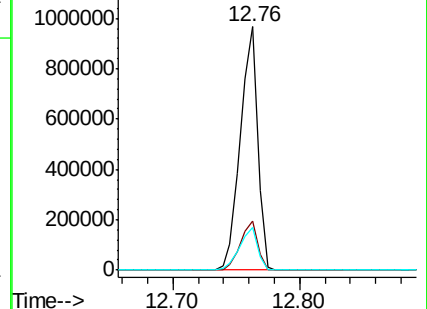
203 17.5 14.3 21.5

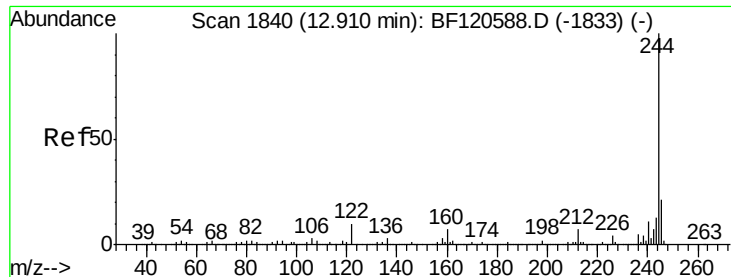


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 112.548 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

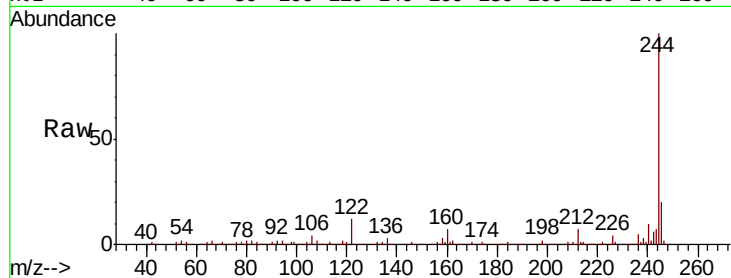
Tot Ion:244 Resp: 1243011

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

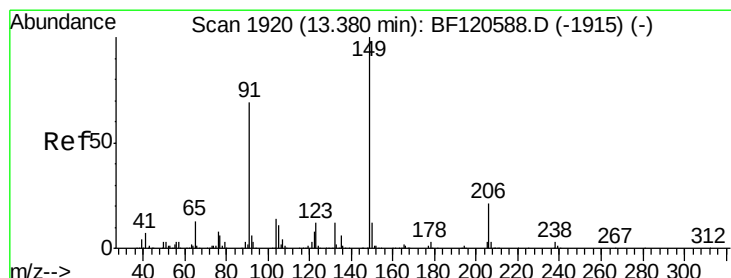
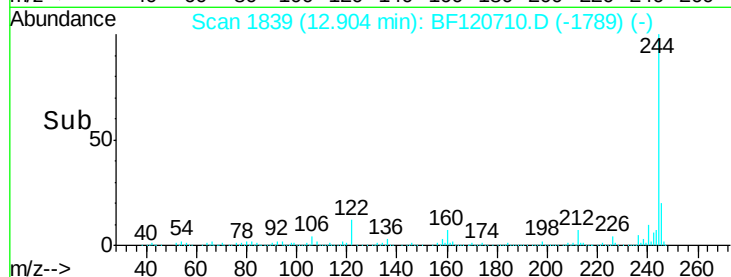
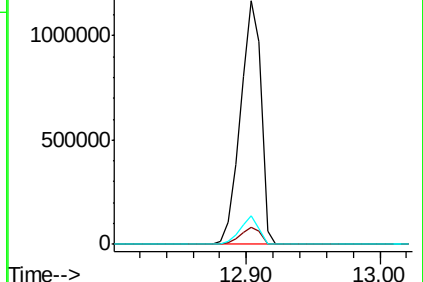
122 11.6 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.221 ng

RT: 13.38 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

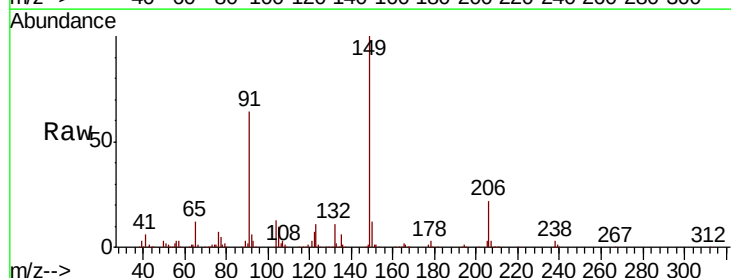
Tgt Ion:149 Resp: 385392

Ion Ratio Lower Upper

149 100

91 64.2 55.4 83.0

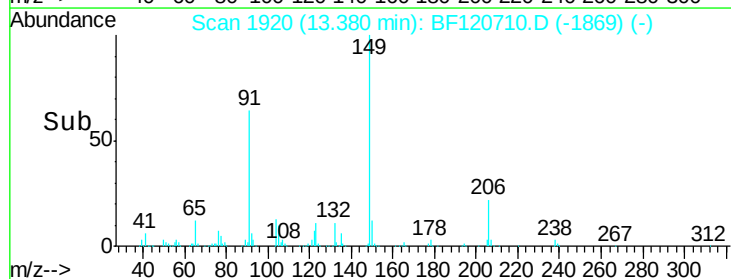
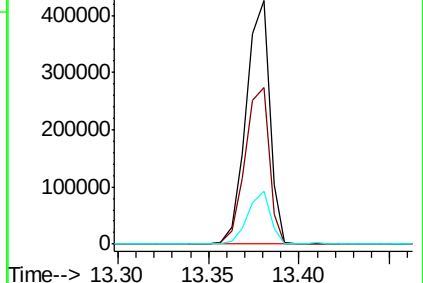
206 21.9 17.0 25.4

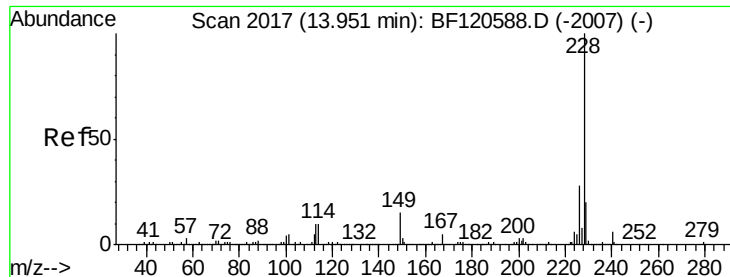


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 53.565 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

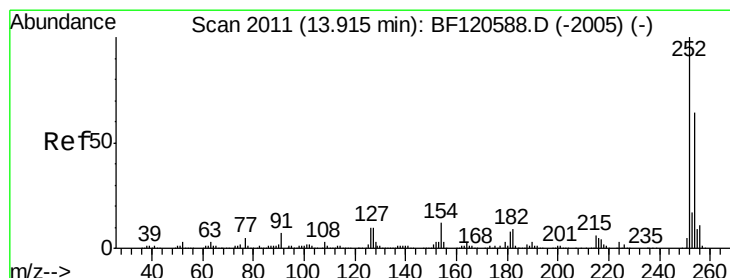
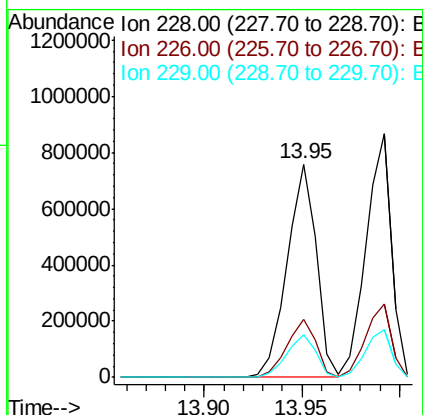
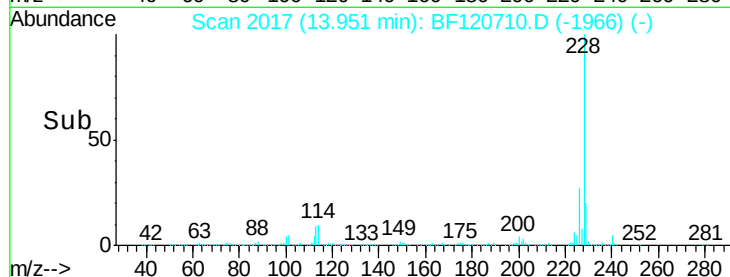
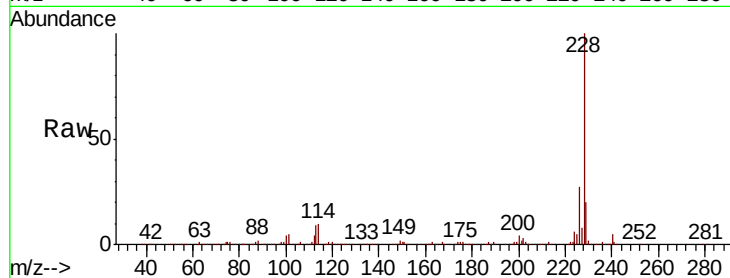
BNA_F

ClientSampleId :

NB-08-061620MS

Tot Ion:228 Resp: 785080

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.5	33.7
229	20.0	16.1	24.1



#82

3,3'-Dichlorobenzidine

Concen: 33.734 ng

RT: 13.91 min Scan# 2010

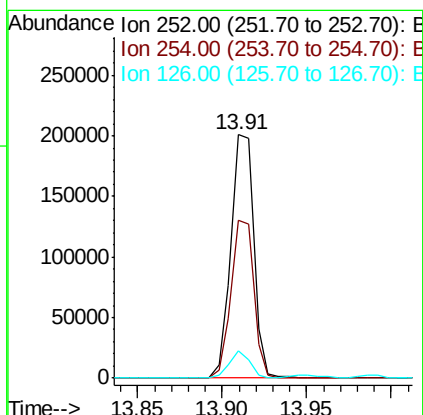
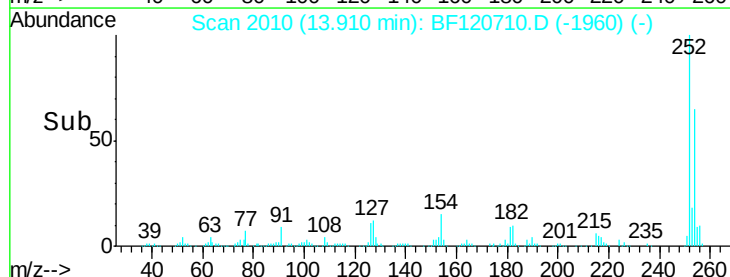
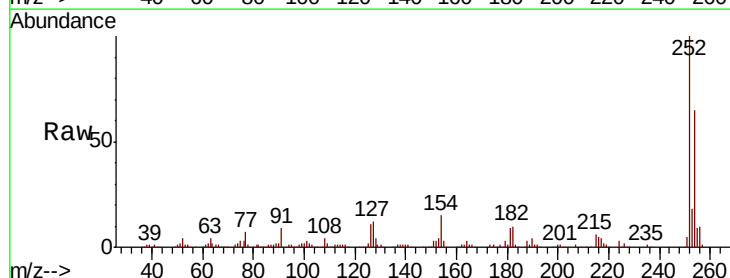
Delta R.T. -0.01 min

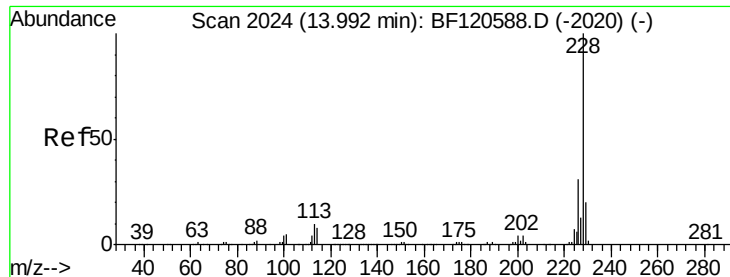
Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Tgt Ion:252 Resp: 188854

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.4	77.2
126	11.4	7.9	11.9





#83

Chrysene

Concen: 52.132 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

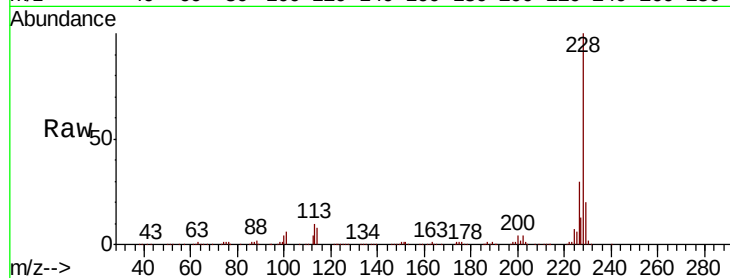
Tot Ion:228 Resp: 783753

Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

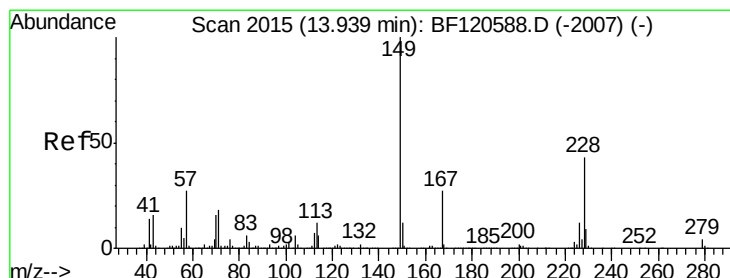
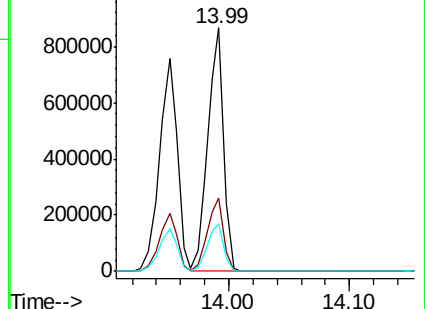
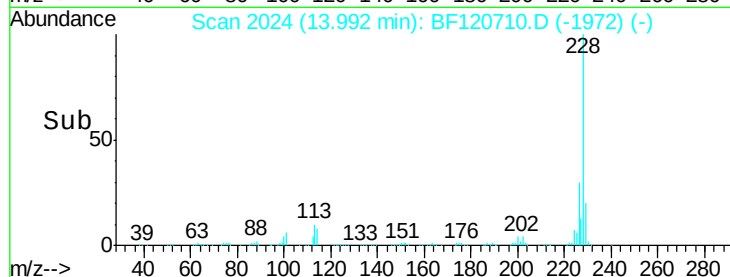
229 19.6 16.1 24.1



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.853 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

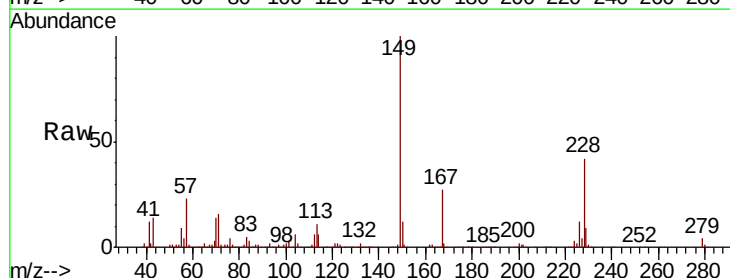
Tgt Ion:149 Resp: 541820

Ion Ratio Lower Upper

149 100

167 26.6 22.0 33.0

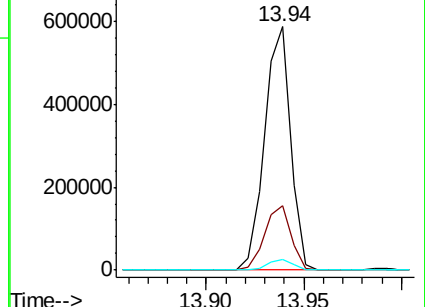
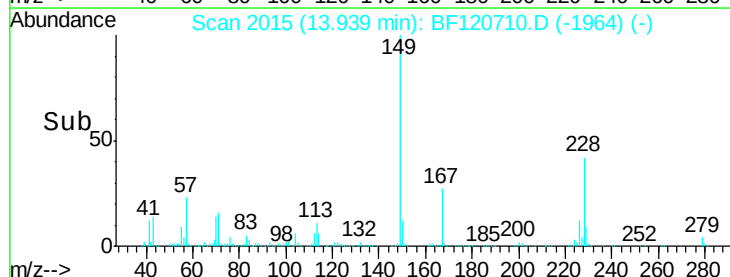
279 4.4 3.0 4.6

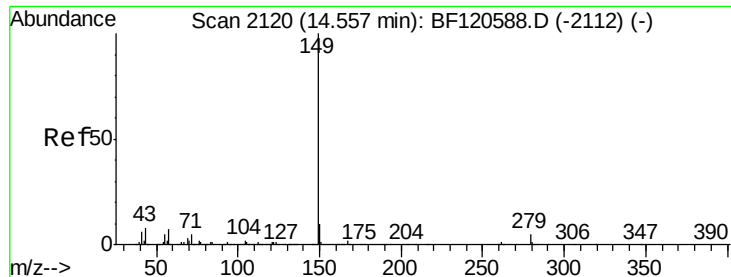


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.097 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

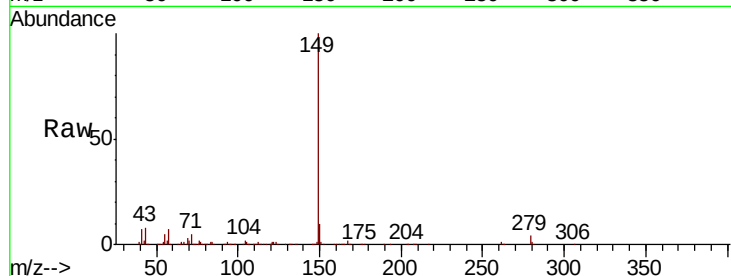
Tot Ion:149 Resp: 949036

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

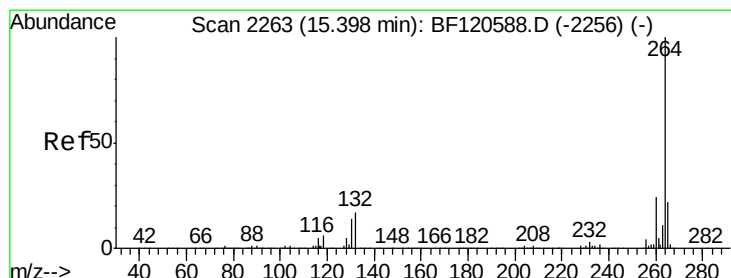
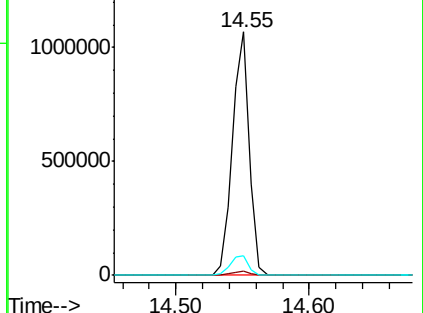
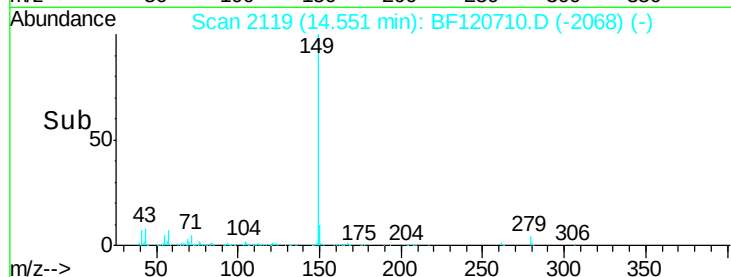
43 8.6 7.6 11.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

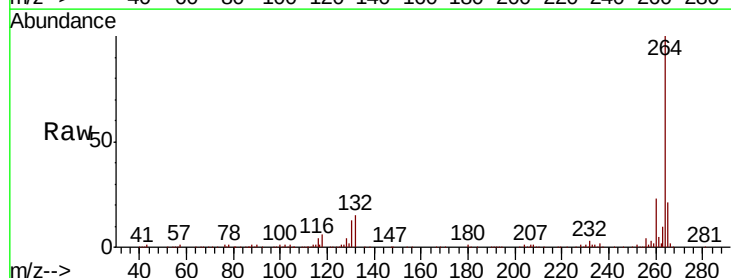
Tgt Ion:264 Resp: 275659

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

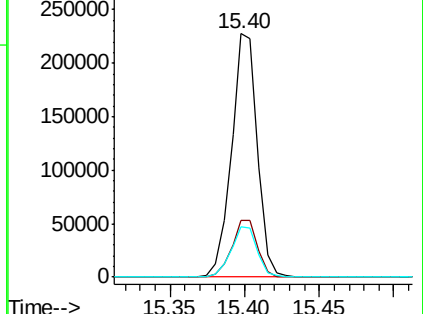
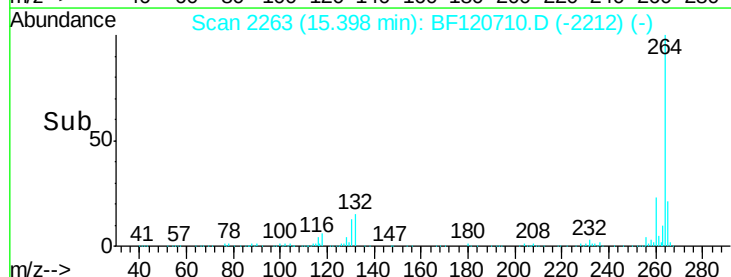
265 20.8 17.8 26.8

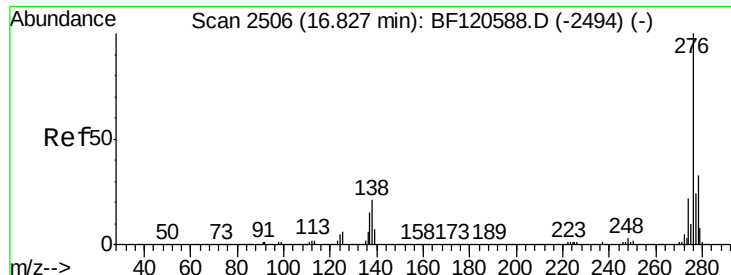


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

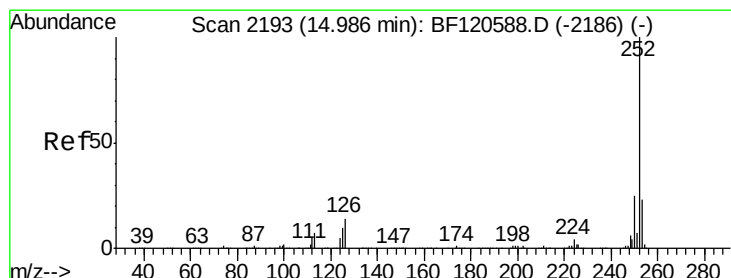
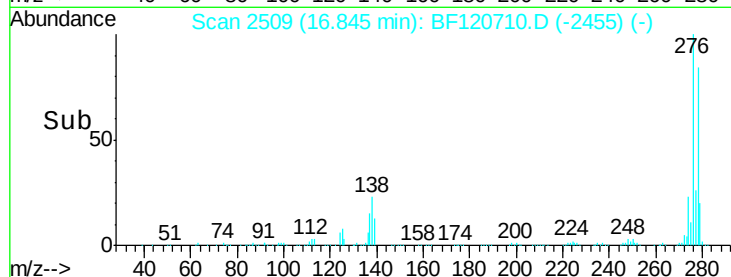
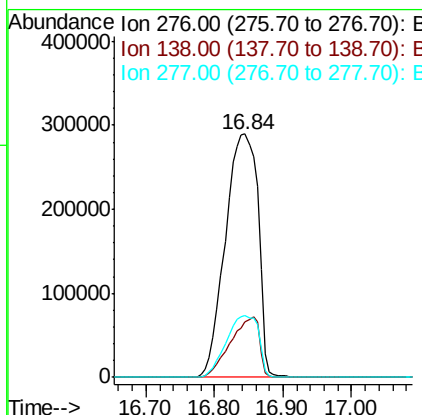
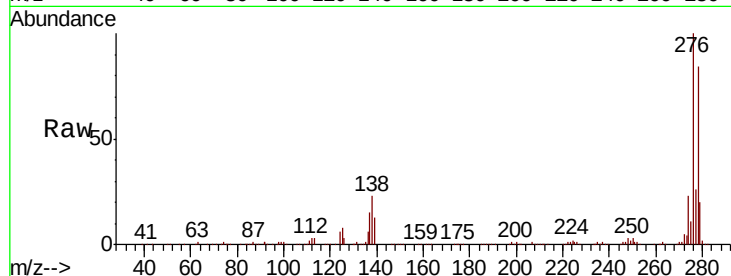




#87
Indeno(1,2,3-cd)pyrene
Concen: 57.309 ng
RT: 16.84 min Scan# 2509
Delta R.T. 0.02 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

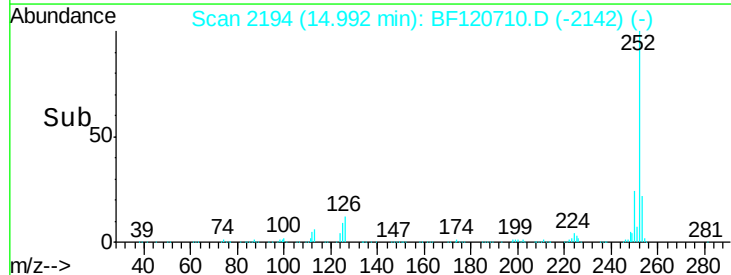
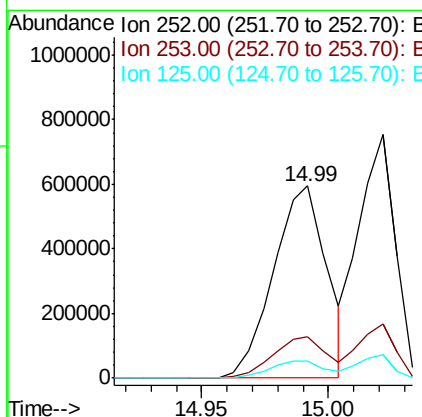
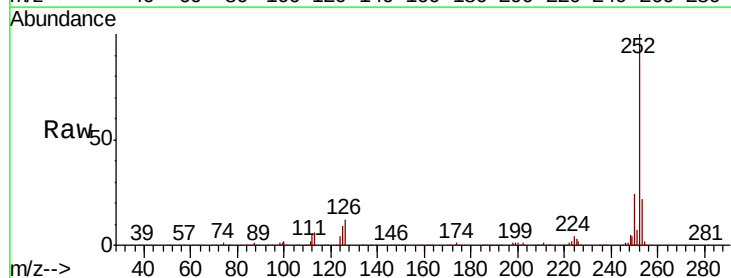
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

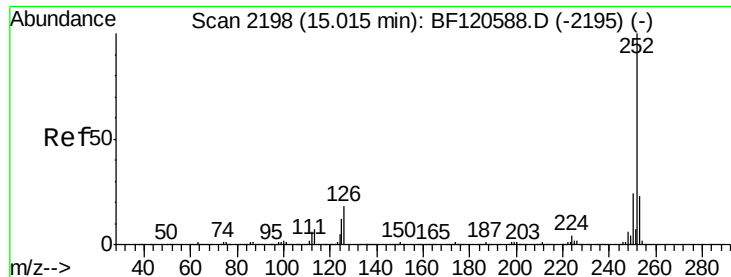
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	18.9	28.3
277	25.3	20.2	30.2



#88
Benzo(b)fluoranthene
Concen: 52.954 ng
RT: 14.99 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	9.0	8.3	12.5

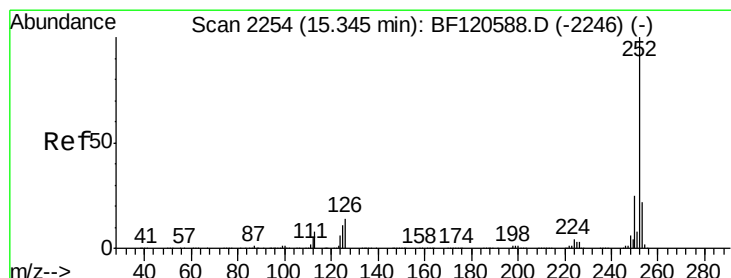
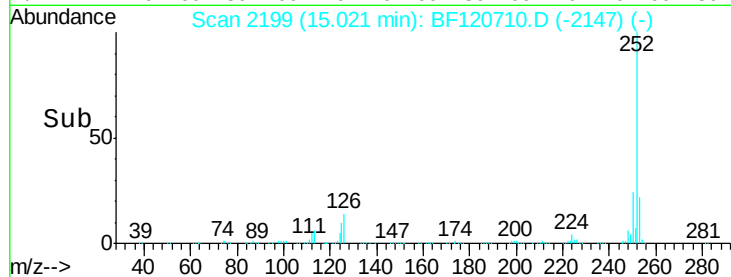
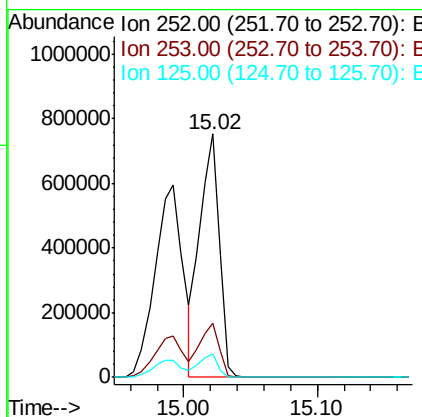
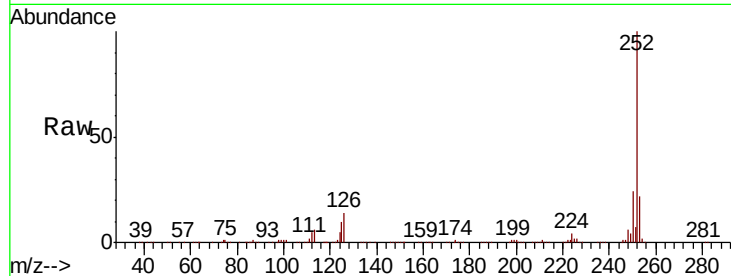




#89
Benzo(k)fluoranthene
Concen: 52.285 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

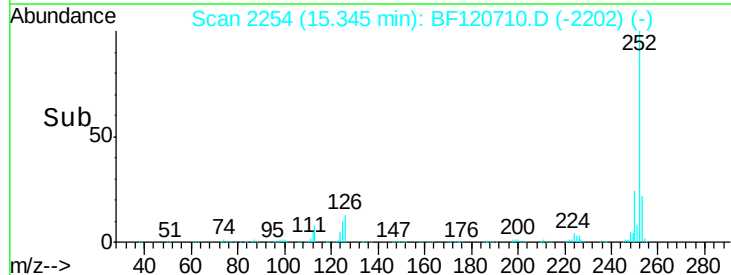
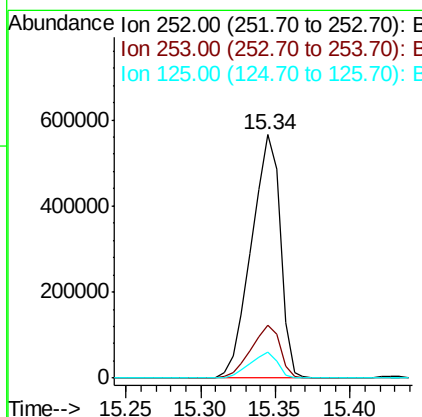
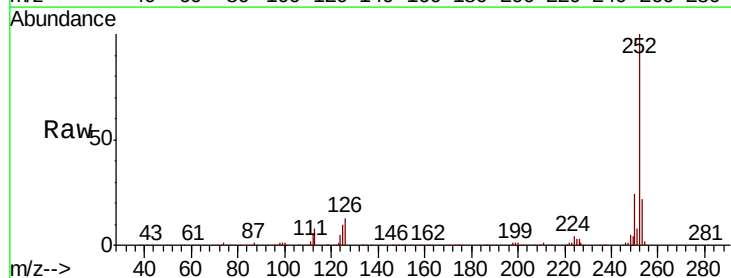
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

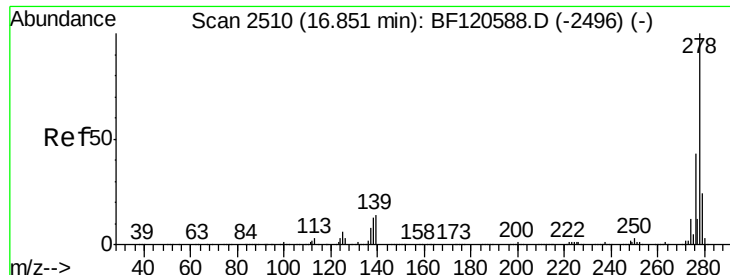
Tot Ion:252 Resp: 759691
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 9.6 8.3 12.5



#90
Benzo(a)pyrene
Concen: 51.533 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion:252 Resp: 757314
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 10.5 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 58.518 ng

RT: 16.86 min Scan# 2512

Delta R.T. 0.02 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

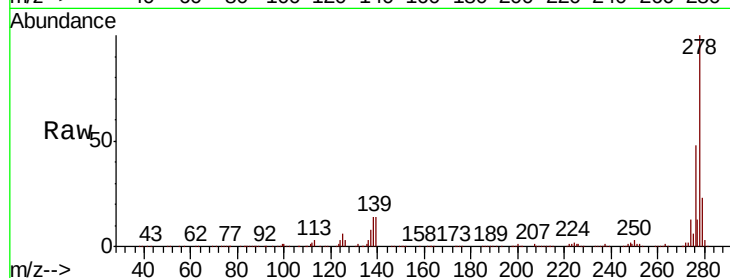
Tot Ion:278 Resp: 786840

Ion Ratio Lower Upper

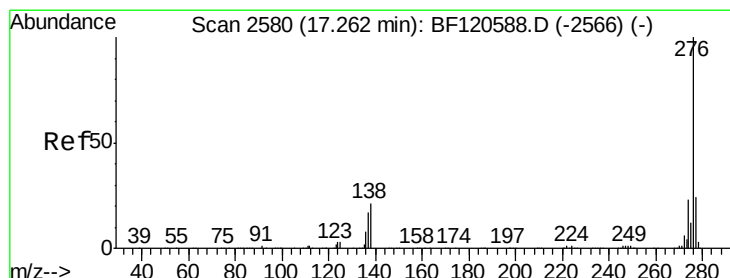
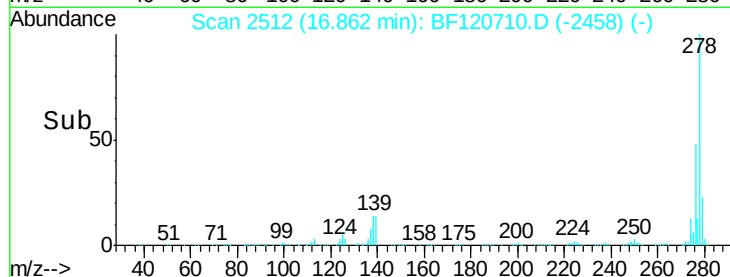
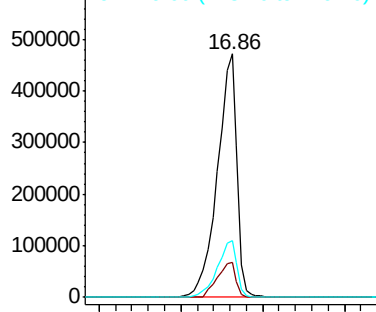
278 100

139 14.2 11.4 17.2

279 23.3 19.1 28.7



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



#92

Benzo(g,h,i)perylene

Concen: 58.947 ng

RT: 17.28 min Scan# 2583

Delta R.T. 0.02 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

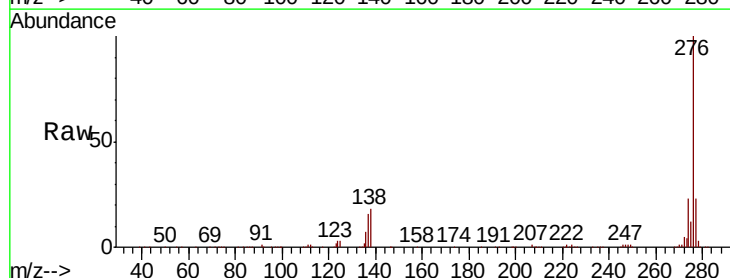
Tgt Ion:276 Resp: 798924

Ion Ratio Lower Upper

276 100

277 23.1 19.6 29.4

138 18.2 16.5 24.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

