

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
 Data File : BF121600.D
 Acq On : 17 Sep 2020 16:23
 Operator : JU/CG
 Sample : PB131684BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

Quant Time: Sep 17 18:20:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	170294	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	681662	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	361016	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	684992	20.00	ng	0.00
76) Chrysene-d12	13.98	240	567041	20.00	ng	-0.01
86) Perylene-d12	15.43	264	547245	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1035695	90.38	ng	0.01
7) Phenol-d6	6.46	99	1369957	91.13	ng	0.00
23) Nitrobenzene-d5	7.39	82	1173805	92.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	431466	96.16	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2051820	86.08	ng	-0.01
79) Terphenyl-d14	12.93	244	1921941	68.67	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	190424	36.172	ng	99
3) Pyridine	3.43	79	451031	30.991	ng	98
4) n-Nitrosodimethylamine	3.38	42	240776	35.667	ng	98
6) Aniline	6.49	93	498151	25.442	ng	96
8) 2-Chlorophenol	6.61	128	434575	37.249	ng	99
9) Benzaldehyde	6.37	77	260496	26.506	ng	99
10) Phenol	6.47	94	556846	34.784	ng	89
11) bis(2-Chloroethyl)ether	6.56	93	439981	36.466	ng	97
12) 1,3-Dichlorobenzene	6.76	146	471498	36.208	ng	99
13) 1,4-Dichlorobenzene	6.84	146	484738	37.072	ng	99
14) 1,2-Dichlorobenzene	6.99	146	432752	35.927	ng	99
15) Benzyl Alcohol	6.97	79	377313	36.926	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	701049	36.107	ng	96
17) 2-Methylphenol	7.08	107	375329	37.809	ng	96
18) Hexachloroethane	7.33	117	178289	38.081	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	318706	36.784	ng	99
20) 3+4-Methylphenols	7.23	107	438279	36.747	ng	# 86
22) Acetophenone	7.23	105	602771	34.852	ng	94
24) Nitrobenzene	7.40	77	482027	35.104	ng	99
25) Isophorone	7.65	82	897453	35.116	ng	99
26) 2-Nitrophenol	7.72	139	235263	37.013	ng	95
27) 2,4-Dimethylphenol	7.76	122	396791	34.782	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	552882	34.945	ng	99
29) 2,4-Dichlorophenol	7.97	162	373277	35.925	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	393024	35.915	ng	98
31) Naphthalene	8.13	128	1272470	35.362	ng	99
32) Benzoic acid	7.89	122	282815	35.362	ng	97
33) 4-Chloroaniline	8.17	127	364605	23.375	ng	99
34) Hexachlorobutadiene	8.25	225	228786	35.618	ng	99
35) Caprolactam	8.55	113	82670	23.892	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	403953	36.089	ng	100
37) 2-Methylnaphthalene	8.82	142	849860	36.039	ng	100
38) 1-Methylnaphthalene	8.92	142	797846	36.353	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	386862	34.305	ng	99

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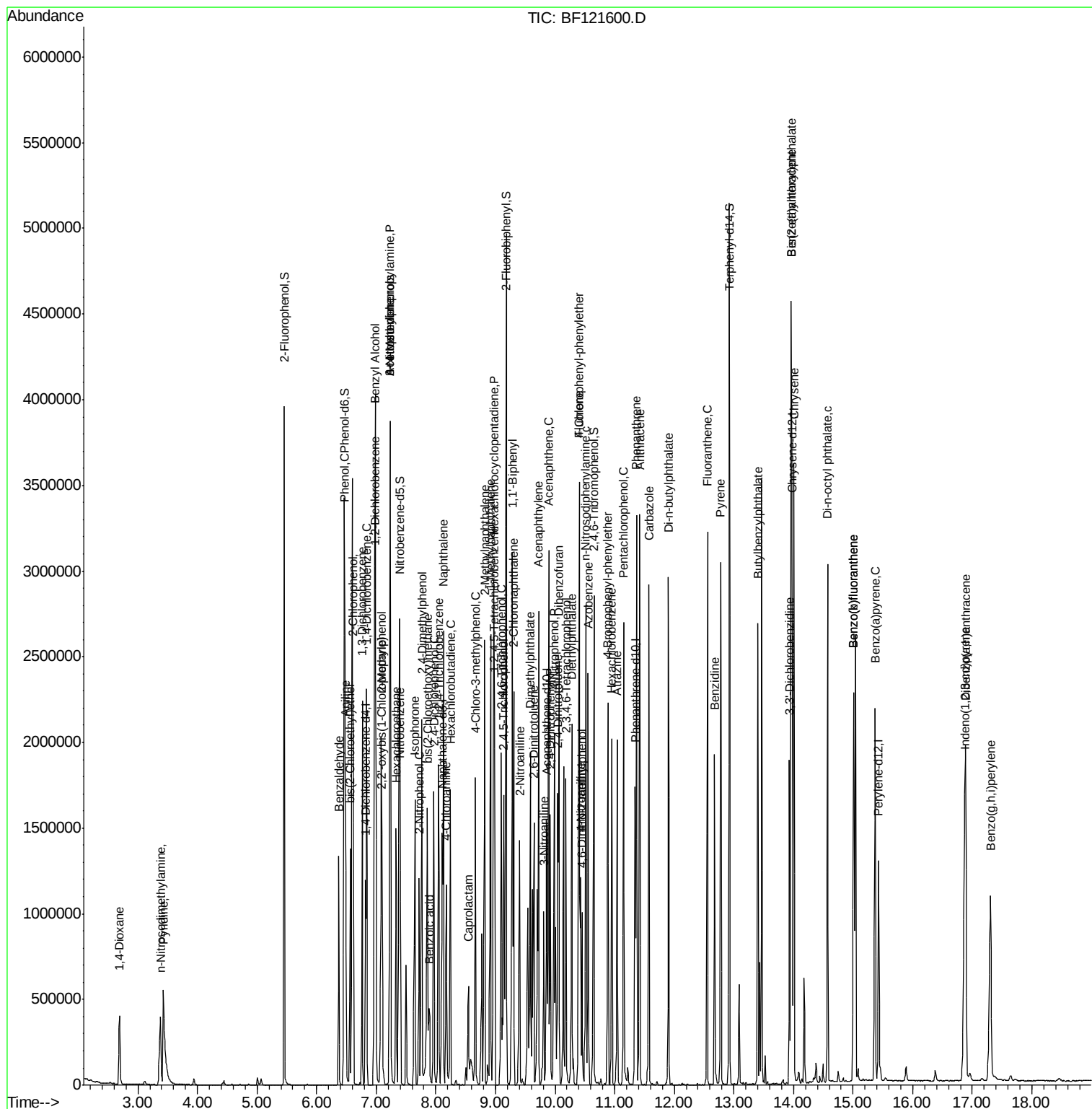
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	477177	74.096	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	275572	35.851	ng	98
44) 2,4,5-Trichlorophenol	9.14	196	292648	36.014	ng	# 95
46) 1,1'-Biphenyl	9.28	154	1010229	34.954	ng	99
47) 2-Chloronaphthalene	9.30	162	782038	34.337	ng	99
48) 2-Nitroaniline	9.40	65	271311	38.335	ng	93
49) Acenaphthylene	9.72	152	1253056	35.808	ng	100
50) Dimethylphthalate	9.59	163	929081	35.507	ng	99
51) 2,6-Dinitrotoluene	9.65	165	211031	37.870	ng	98
52) Acenaphthene	9.89	154	743741	33.650	ng	99
53) 3-Nitroaniline	9.81	138	158546	24.560	ng	97
54) 2,4-Dinitrophenol	9.92	184	214392	68.209	ng	95
55) Dibenzofuran	10.06	168	1083213	34.801	ng	98
56) 4-Nitrophenol	9.99	139	352892	68.547	ng	97
57) 2,4-Dinitrotoluene	10.05	165	282914	40.356	ng	96
58) Fluorene	10.41	166	822524	34.556	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	247990	37.539	ng	98
60) Diethylphthalate	10.28	149	917255	35.955	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	405248	35.541	ng	98
62) 4-Nitroaniline	10.43	138	220460	34.396	ng	99
63) Azobenzene	10.56	77	944934	34.782	ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	151296	37.708	ng	89
66) n-Nitrosodiphenylamine	10.52	169	801709	34.115	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	276422	35.444	ng	98
68) Hexachlorobenzene	10.96	284	304987	34.652	ng	# 91
69) Atrazine	11.05	200	232234	39.776	ng	99
70) Pentachlorophenol	11.15	266	341355	70.622	ng	99
71) Phenanthrene	11.37	178	1262133	33.818	ng	99
72) Anthracene	11.42	178	1307889	33.959	ng	99
73) Carbazole	11.57	167	1166902	33.575	ng	99
74) Di-n-butylphthalate	11.90	149	1405252	35.032	ng	100
75) Fluoranthene	12.56	202	1362210	34.192	ng	97
77) Benzidine	12.67	184	714262	37.996	ng	100
78) Pyrene	12.79	202	1396568	33.709	ng	99
80) Butylbenzylphthalate	13.40	149	614366	36.666	ng	93
81) Benzo(a)anthracene	13.97	228	1226418	34.187	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	364775	26.046	ng	99
83) Chrysene	14.01	228	1222224	33.645	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	791944	35.380	ng	99
85) Di-n-octyl phthalate	14.57	149	1453292	36.789	ng	99
87) Indeno(1,2,3-cd)pyrene	16.87	276	1274709	35.768	ng	99
88) Benzo(b)fluoranthene	15.01	252	1324505	36.205	ng	99
89) Benzo(k)fluoranthene	15.01	252	1324505	39.536	ng	99
90) Benzo(a)pyrene	15.37	252	1098621	35.328	ng	98
91) Dibenzo(a,h)anthracene	16.89	278	1052945	35.493	ng	98
92) Benzo(g,h,i)perylene	17.30	276	1041208	35.705	ng	98

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

```
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ALS Vial  : 4      Sample Multiplier: 1
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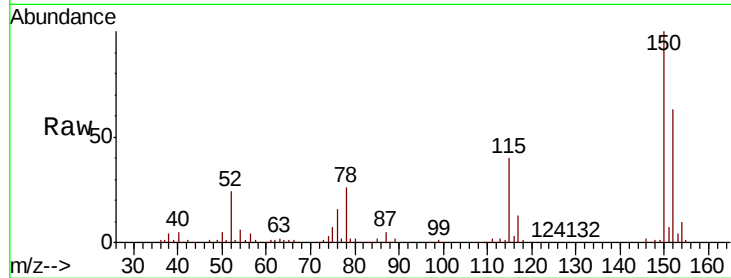


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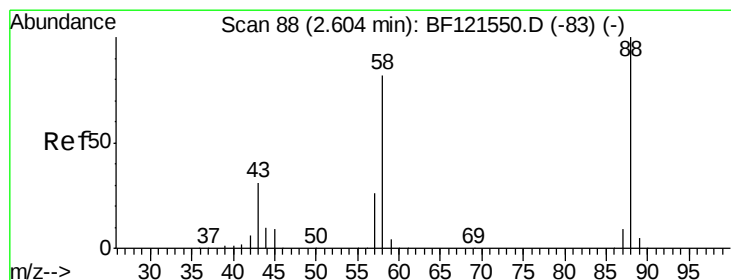
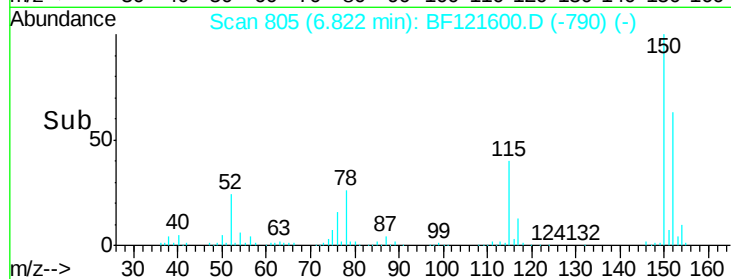
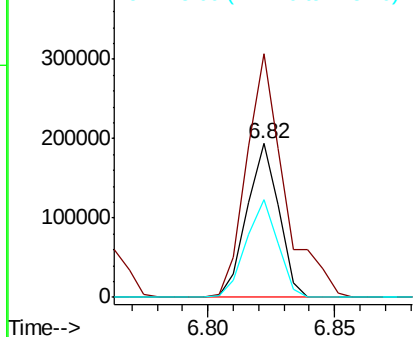
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB131684BS

Tot Ion:152 Resp: 170294
Ion Ratio Lower Upper
152 100
150 158.7 125.8 188.6
115 63.5 47.8 71.8



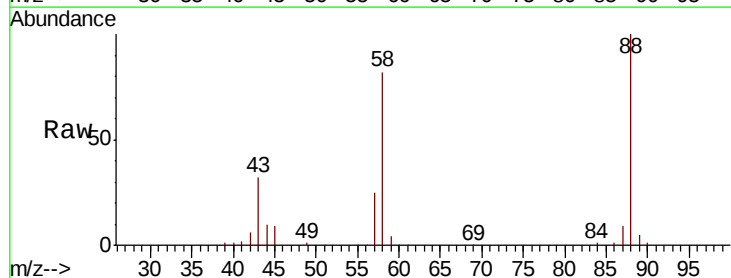
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



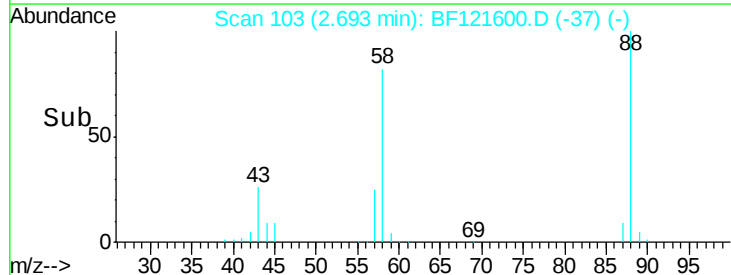
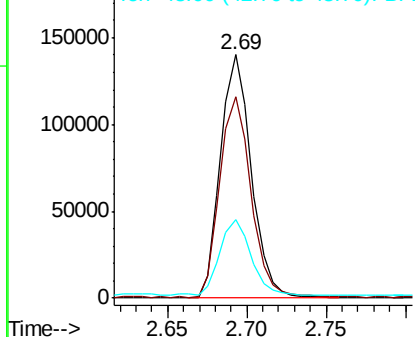
#2

1,4-Dioxane
Concen: 36.172 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.09 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion: 88 Resp: 190424
Ion Ratio Lower Upper
88 100
58 82.7 65.1 97.7
43 31.5 25.0 37.4



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: 30.991 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.08 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB131684BS

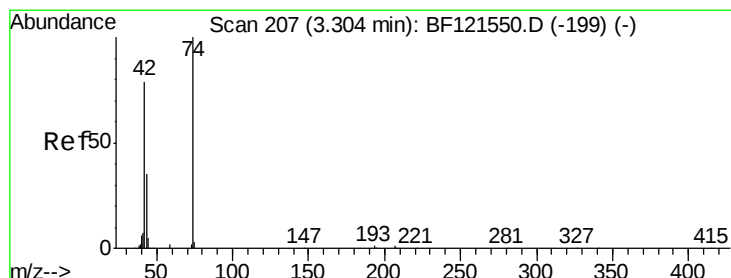
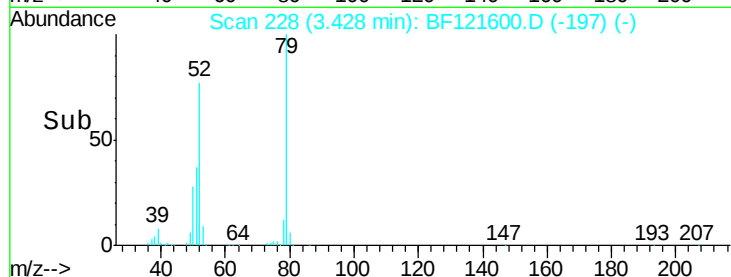
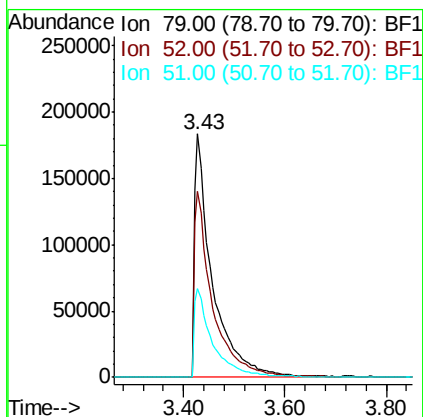
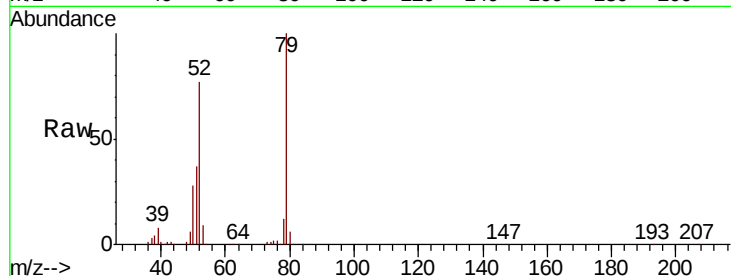
Tot Ion: 79 Resp: 451031

Ion Ratio Lower Upper

79 100

52 76.5 62.2 93.2

51 36.6 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 35.667 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.08 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

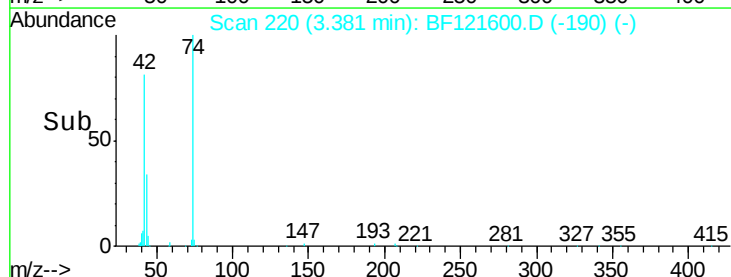
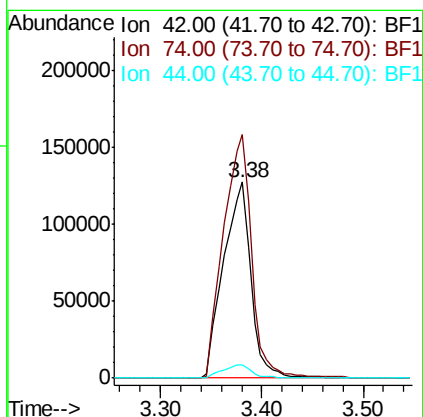
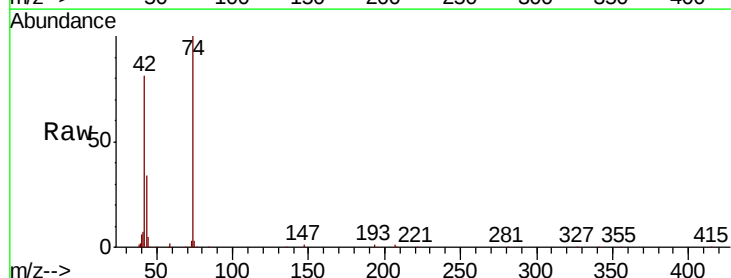
Tgt Ion: 42 Resp: 240776

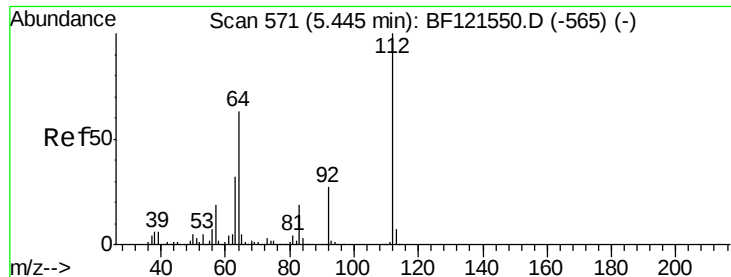
Ion Ratio Lower Upper

42 100

74 124.2 101.7 152.5

44 6.8 5.4 8.2





#5

2-Fluorophenol

Concen: 90.383 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB131684BS

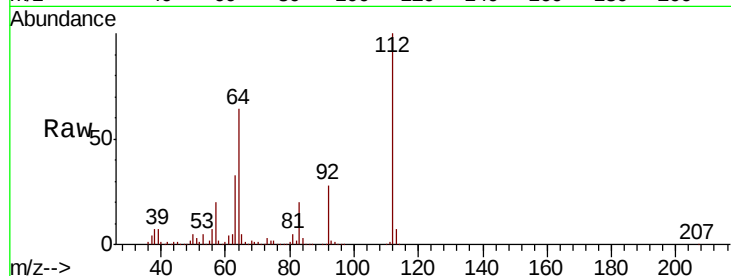
Tot Ion:112 Resp: 1035695

Ion Ratio Lower Upper

112 100

64 64.0 50.3 75.5

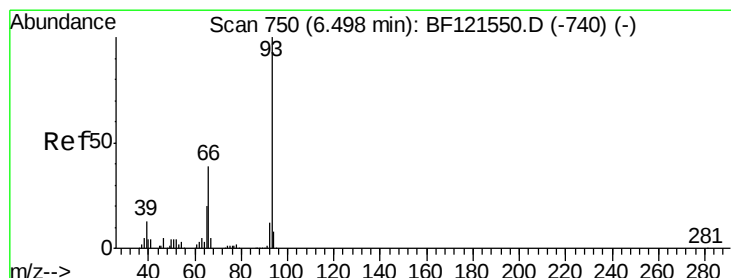
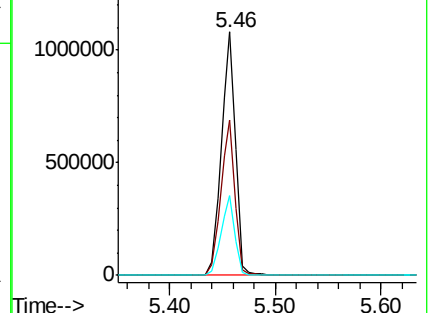
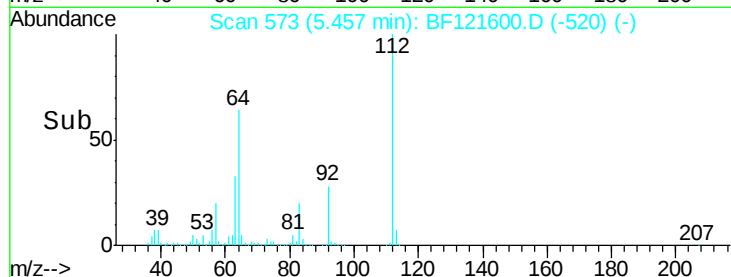
63 32.8 25.6 38.4



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: 25.442 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

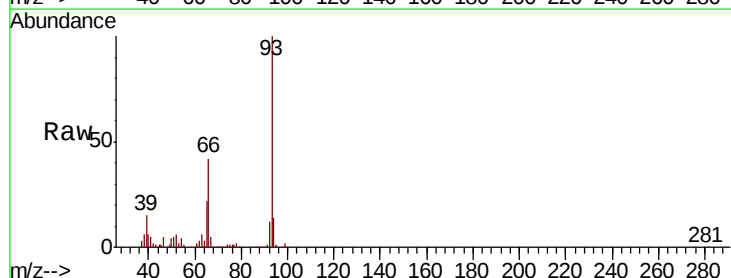
Tgt Ion: 93 Resp: 498151

Ion Ratio Lower Upper

93 100

66 42.4 31.8 47.8

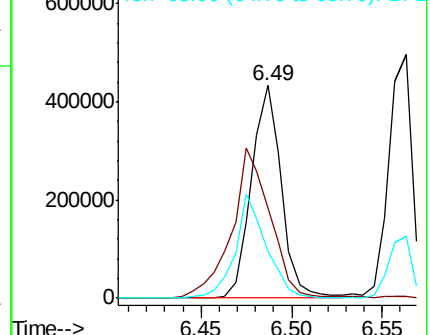
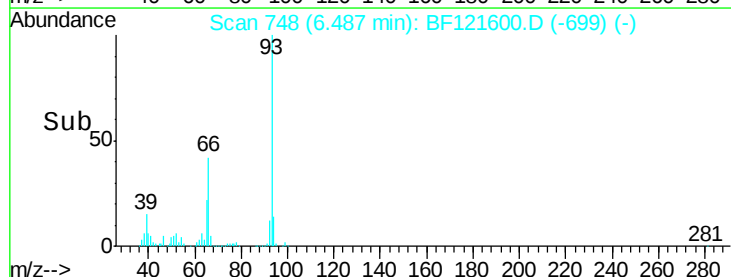
65 21.9 16.2 24.2

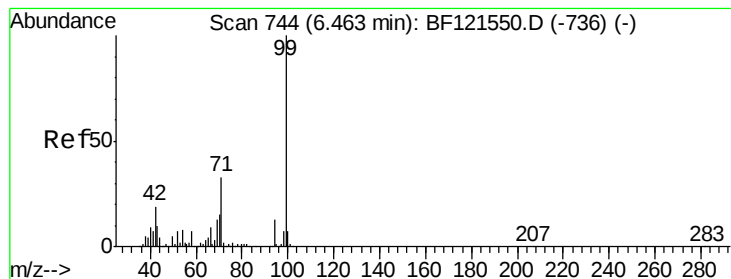


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.127 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

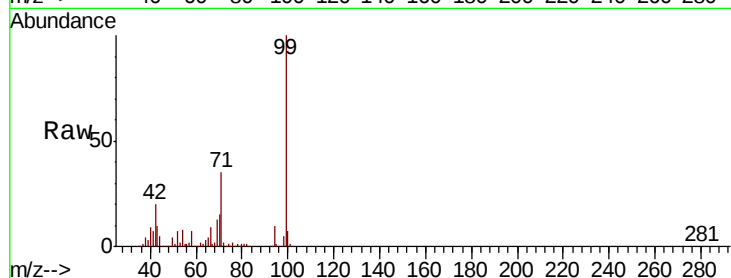
BNA_F

ClientSampleId :

PB131684BS

Tot Ion: 99 Resp: 1369957

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.5	23.3
71	34.9	26.1	39.1

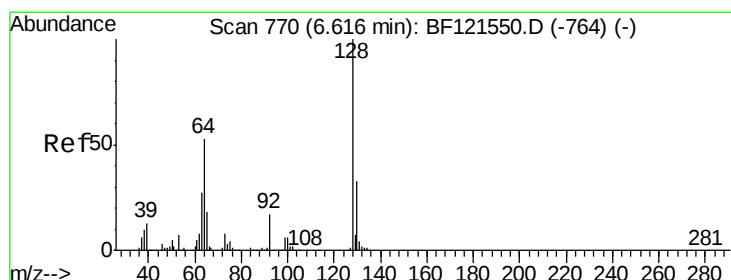
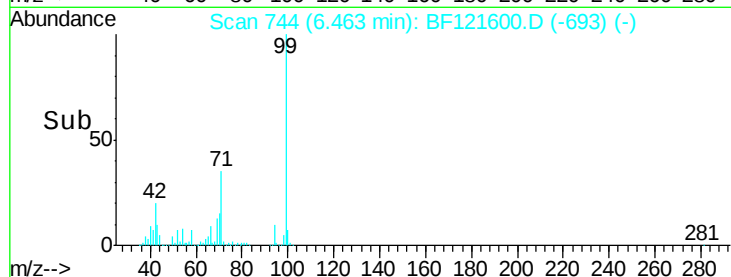
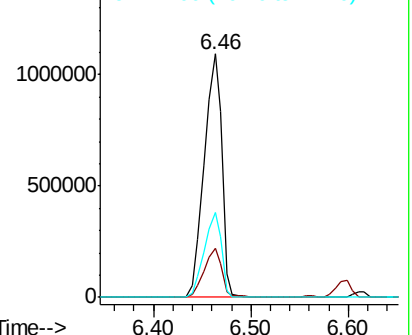


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.249 ng

RT: 6.61 min Scan# 769

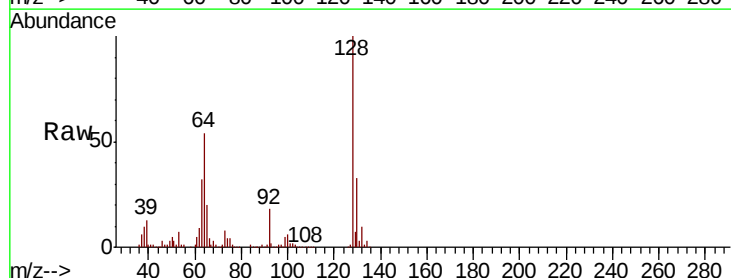
Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Tgt Ion: 128 Resp: 434575

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	53.7	33.1	73.1

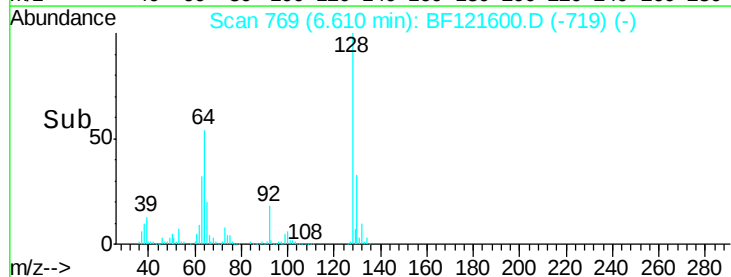
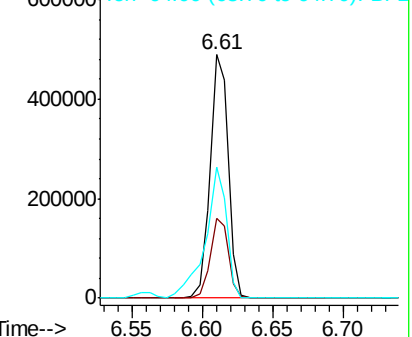


Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.506 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF121600.D

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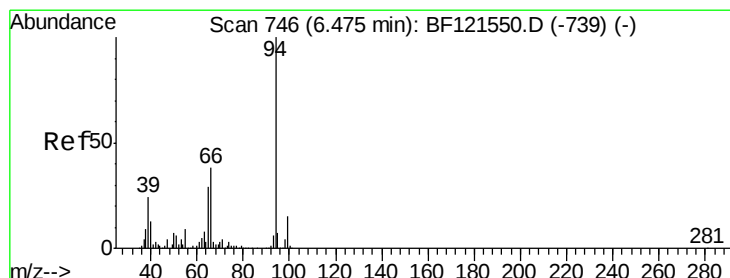
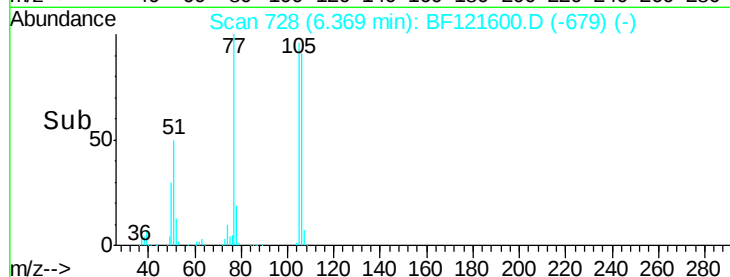
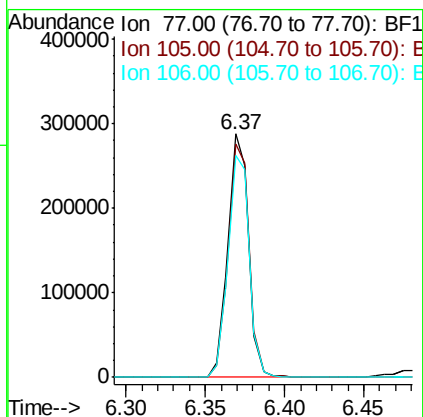
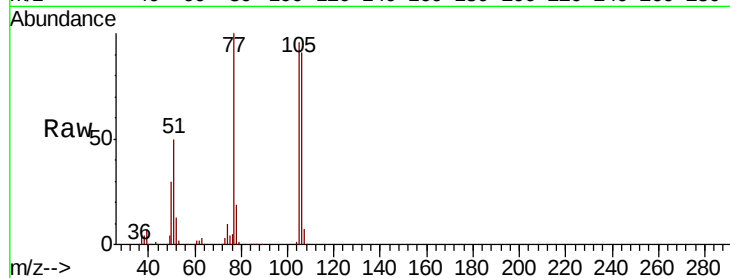
Tot Ion: 77 Resp: 260496

Ion Ratio Lower Upper

77 100

105 95.9 76.4 116.4

106 91.2 73.5 113.5



#10

Phenol

Concen: 34.784 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

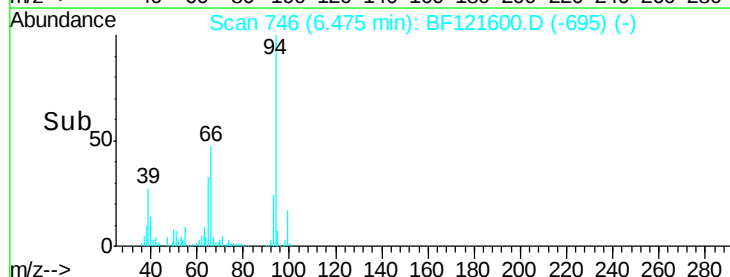
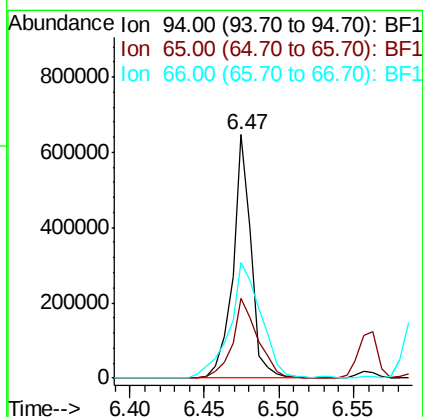
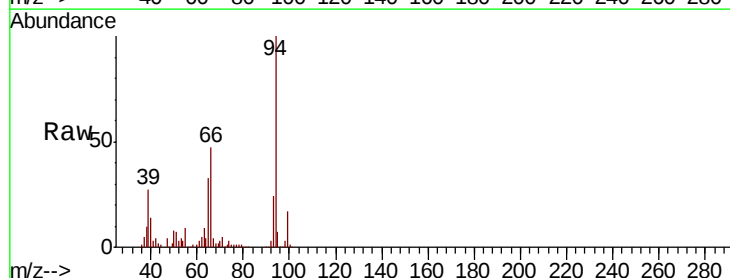
Tgt Ion: 94 Resp: 556846

Ion Ratio Lower Upper

94 100

65 32.6 9.4 49.4

66 47.3 18.3 58.3

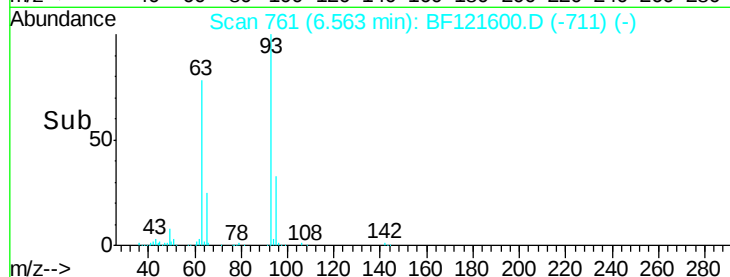
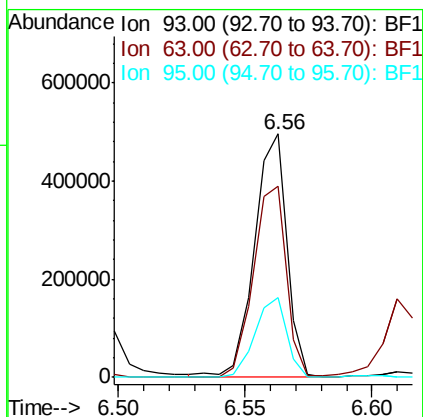
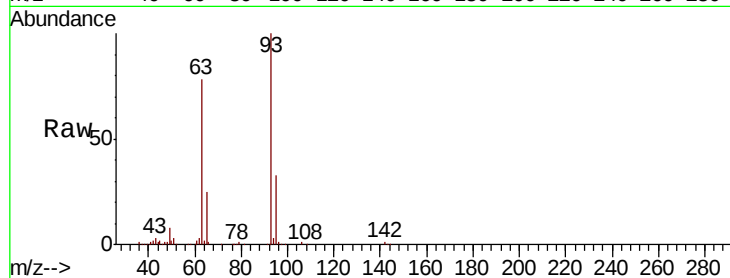




#11
bis(2-Chloroethyl)ether
Concen: 36.466 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

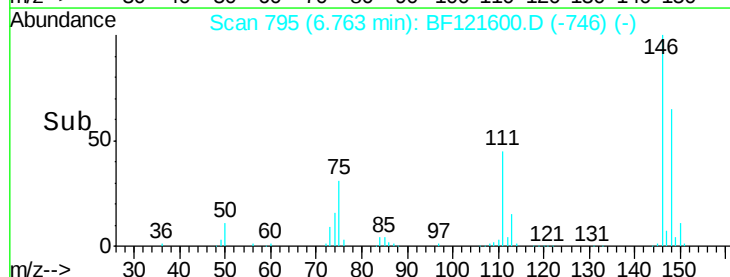
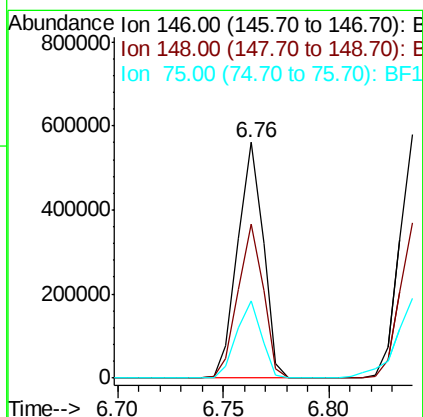
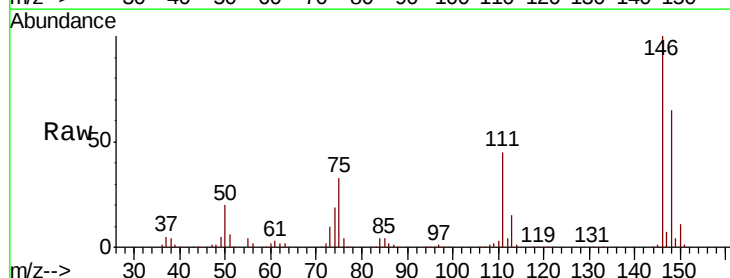
Instrument :
BNA_F
ClientSampleId :
PB131684BS

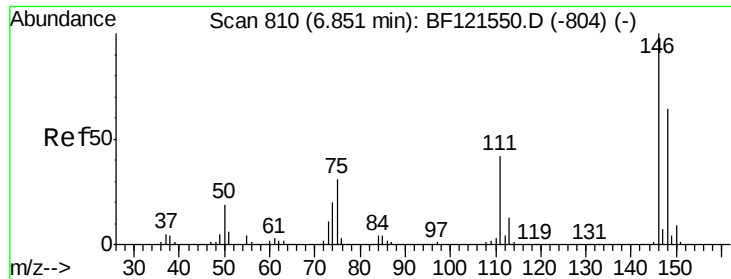
Tot Ion: 93 Resp: 439981
Ion Ratio Lower Upper
93 100
63 78.4 61.7 101.7
95 32.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 36.208 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion: 146 Resp: 471498
Ion Ratio Lower Upper
146 100
148 65.2 51.8 77.8
75 32.6 24.6 36.8

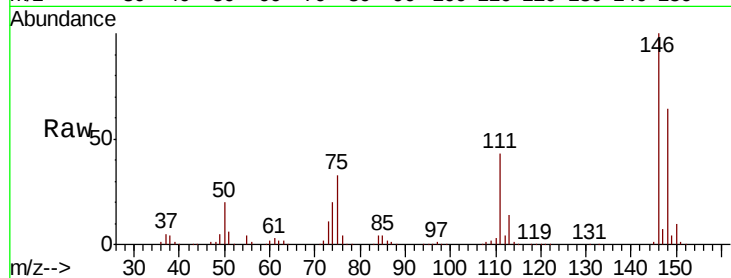




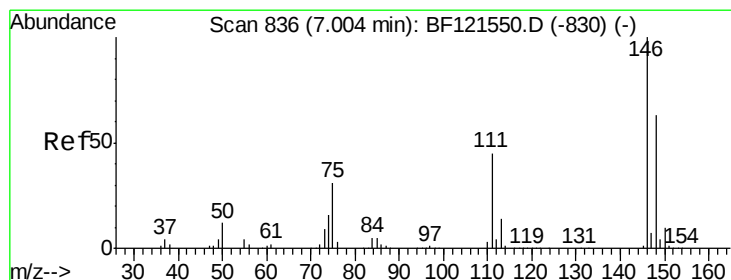
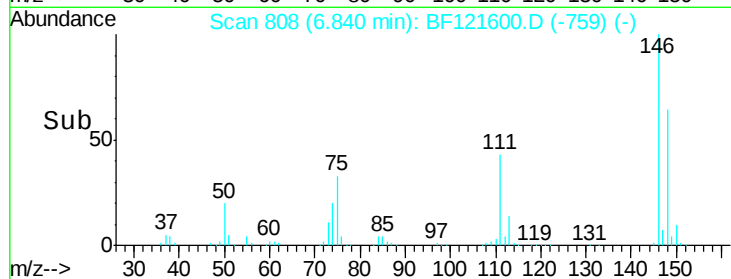
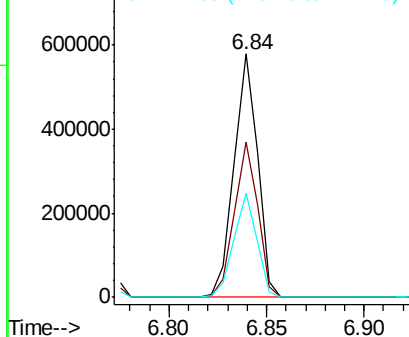
#13
 1,4-Dichlorobenzene
 Concen: 37.072 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

Tot Ion:146 Resp: 484738
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.2 76.8
 111 42.6 33.4 50.0

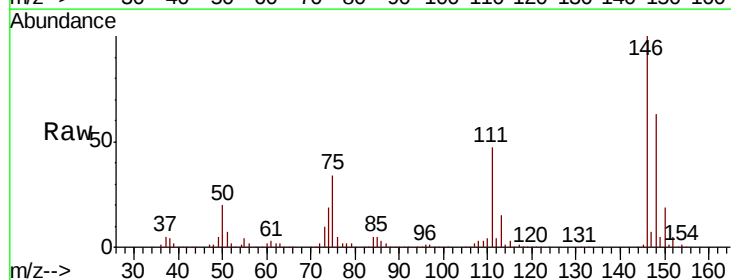


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

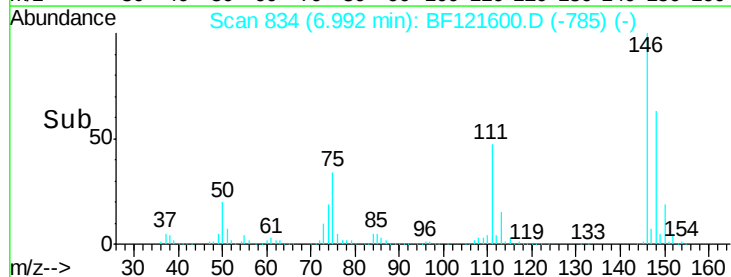
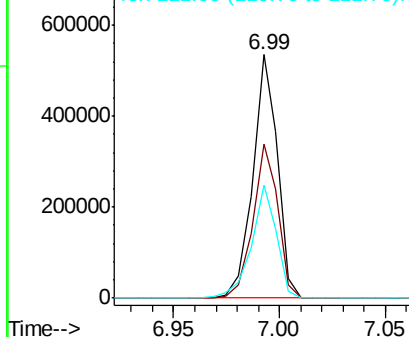


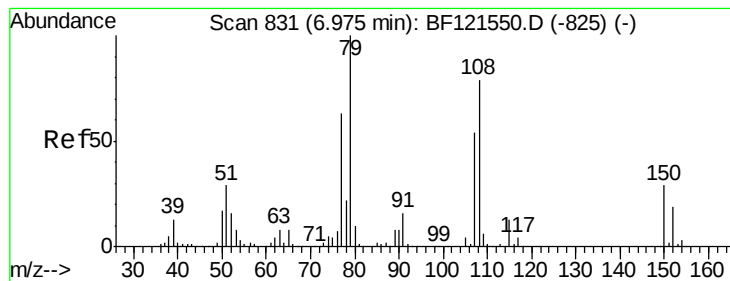
#14
 1,2-Dichlorobenzene
 Concen: 35.927 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion:146 Resp: 432752
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.7 76.1
 111 46.6 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 36.926 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB131684BS

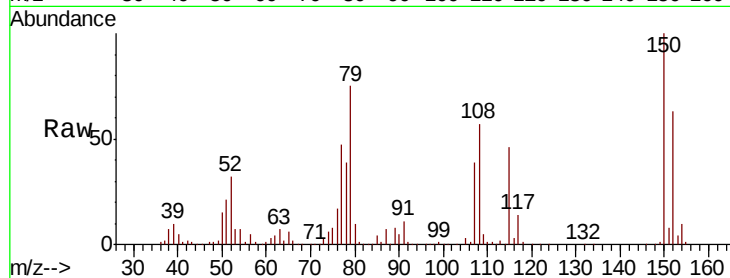
Tot Ion: 79 Resp: 377313

Ion Ratio Lower Upper

79 100

108 76.8 63.1 94.7

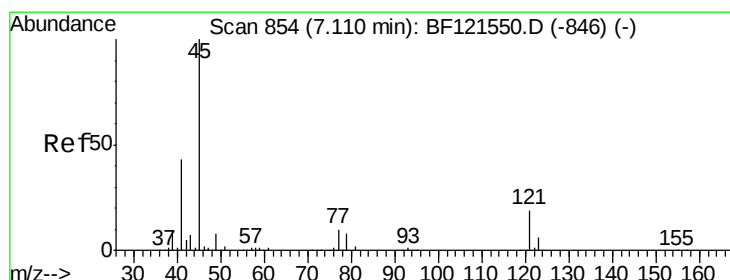
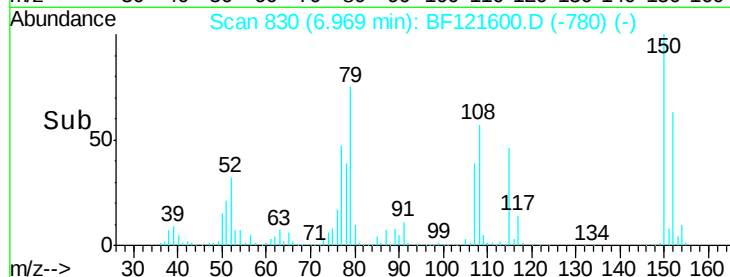
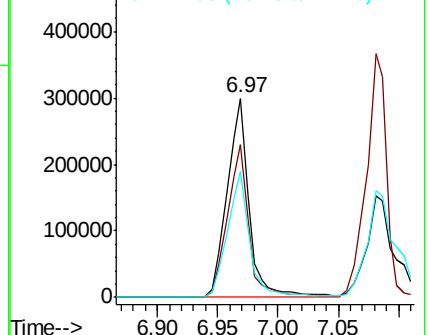
77 63.1 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.107 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

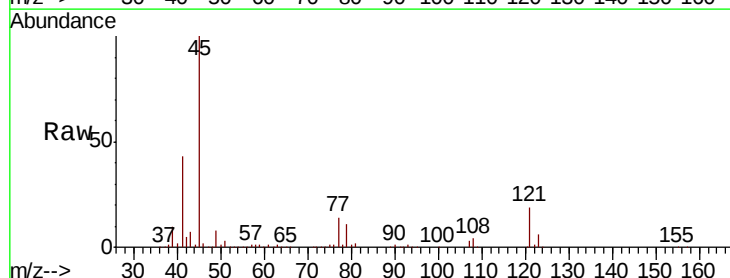
Tgt Ion: 45 Resp: 701049

Ion Ratio Lower Upper

45 100

77 14.3 0.0 32.5

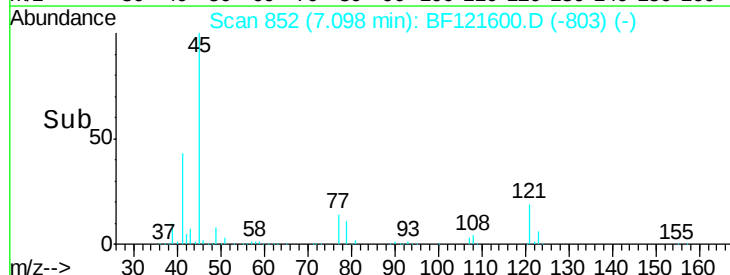
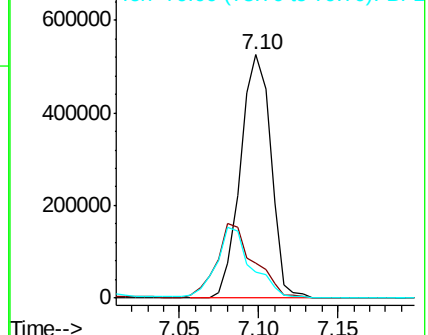
79 10.8 0.0 29.8

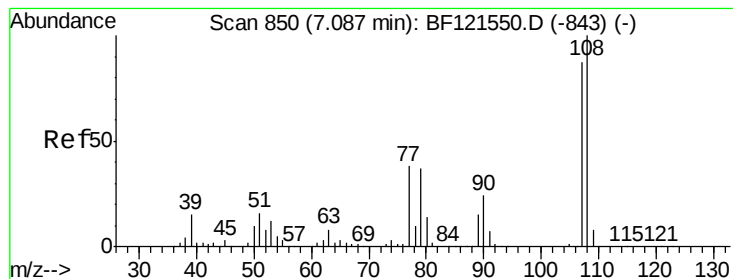


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 37.809 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB131684BS

Tot Ion:107 Resp: 375329

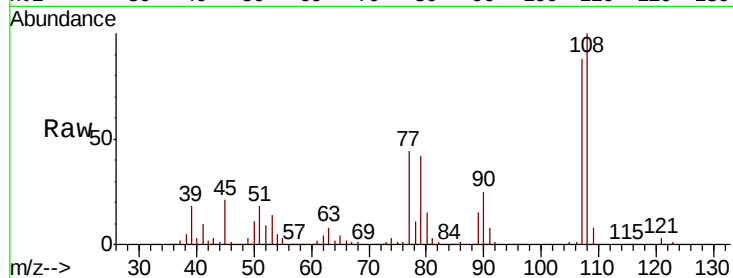
Ion Ratio Lower Upper

107 100

108 113.5 92.1 138.1

77 49.5 35.5 53.3

79 47.4 34.5 51.7

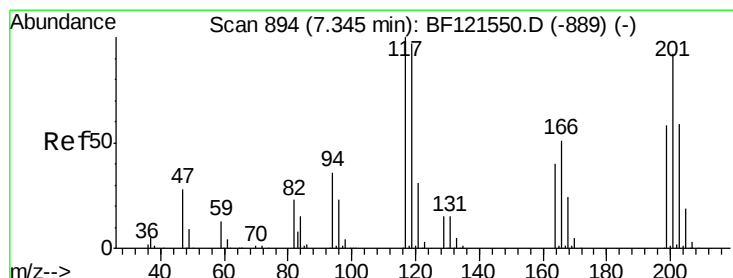
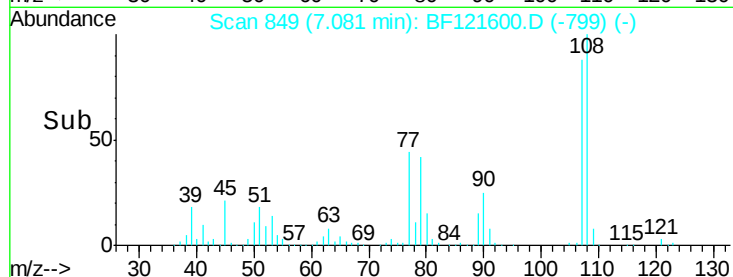
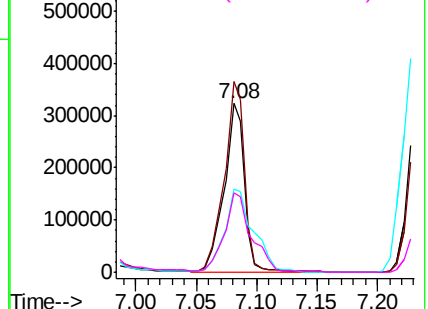


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.081 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

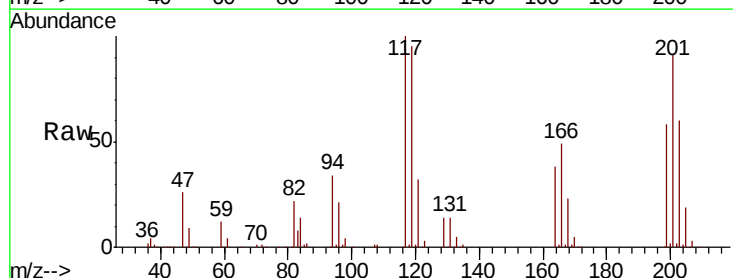
Tgt Ion:117 Resp: 178289

Ion Ratio Lower Upper

117 100

119 94.9 77.2 115.8

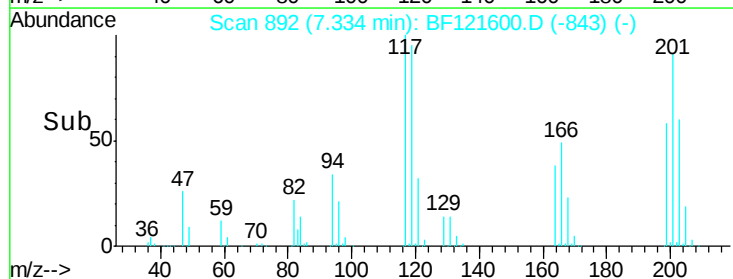
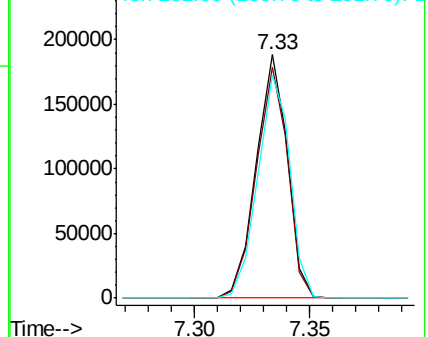
201 91.4 73.7 110.5

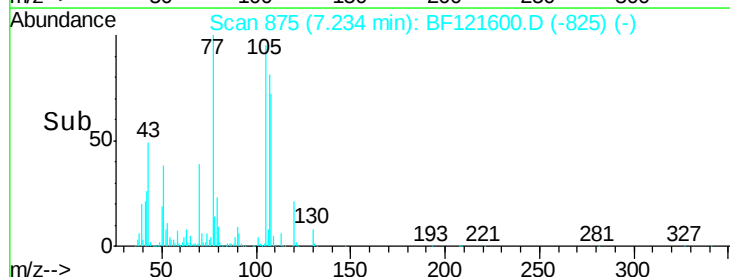
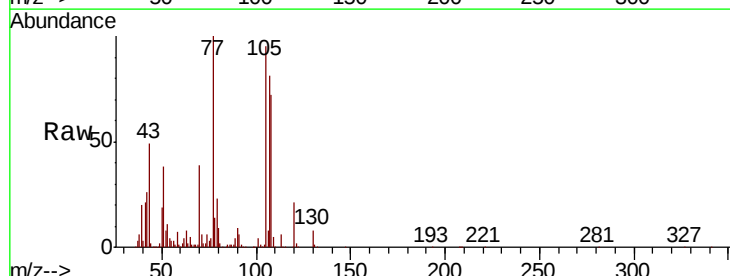
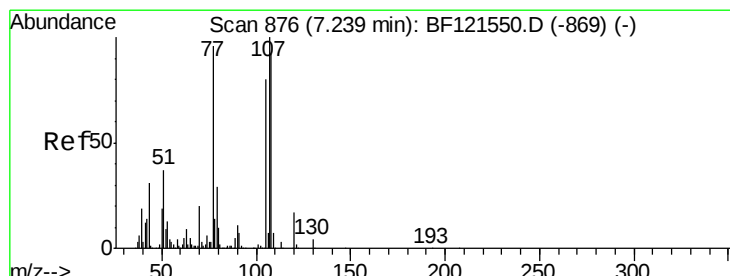
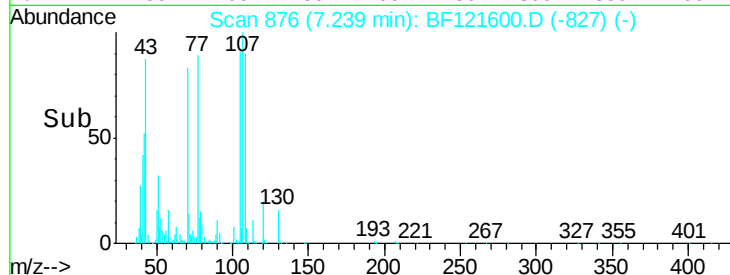
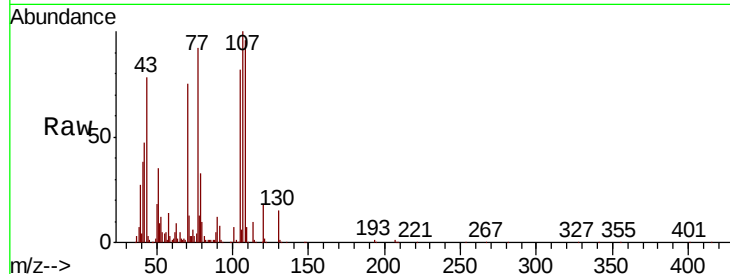


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

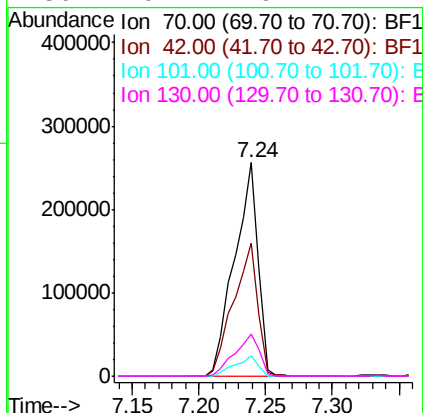




#19
n-Nitroso-di-n-propylamine
Concen: 36.784 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

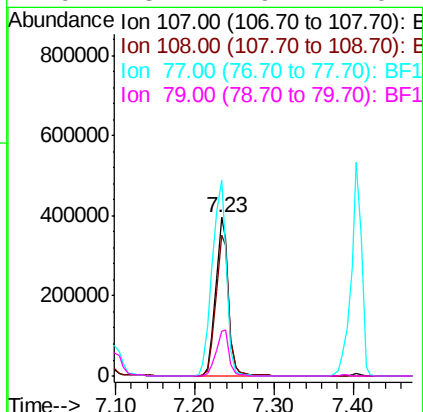
Instrument :
BNA_F
ClientSampleId :
PB131684BS

Tot Ion:	70	Resp:	318706
Ion	Ratio	Lower	Upper
70	100		
42	62.2	49.4	74.2
101	9.3	7.6	11.4
130	19.7	16.2	24.4



#20
3+4-Methylphenols
Concen: 36.747 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion:	107	Resp:	438279
Ion	Ratio	Lower	Upper
107	100		
108	89.2	71.8	111.8
77	123.2	75.5	115.5#
79	28.1	9.2	49.2

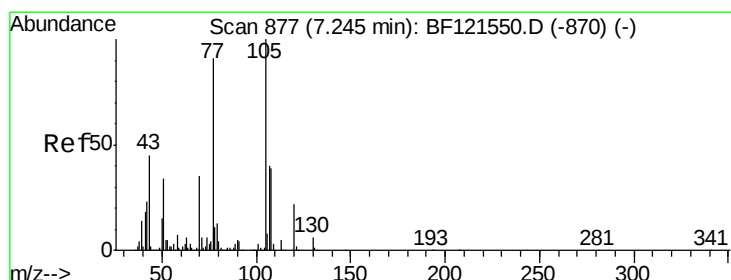
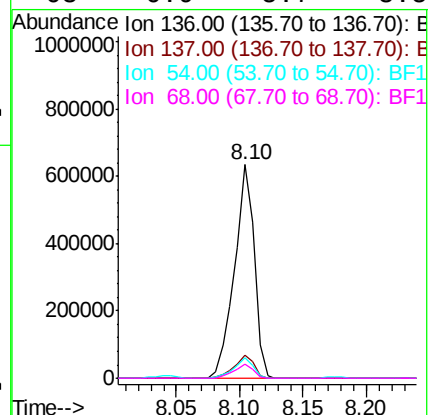
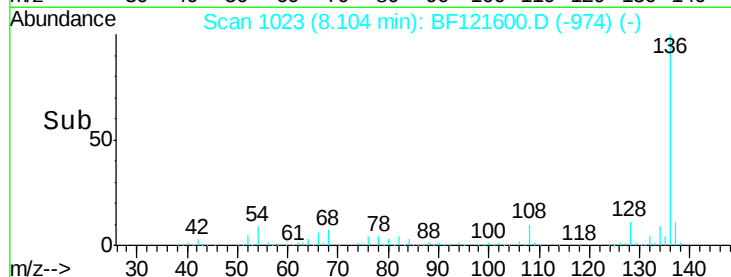
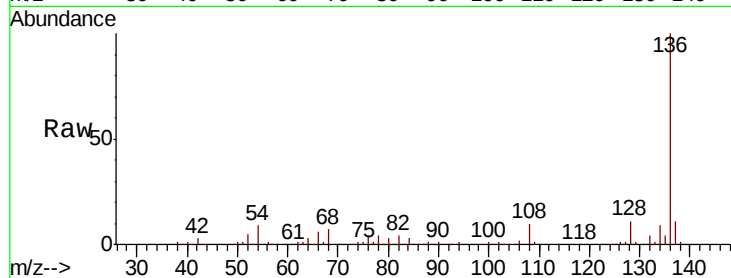




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

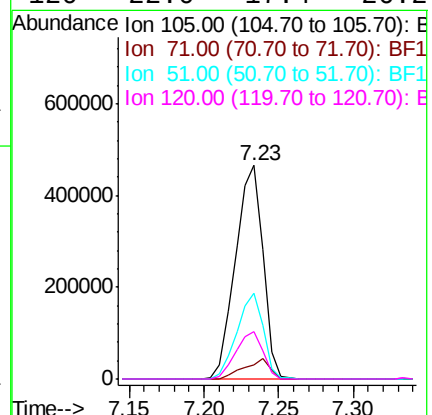
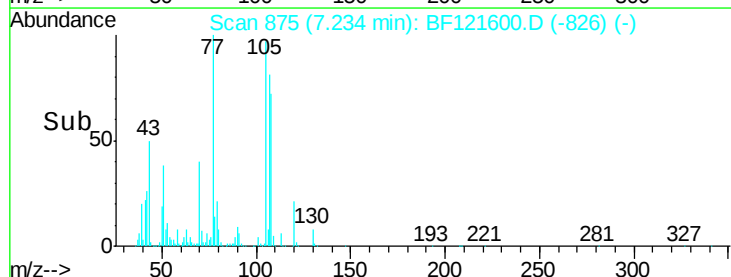
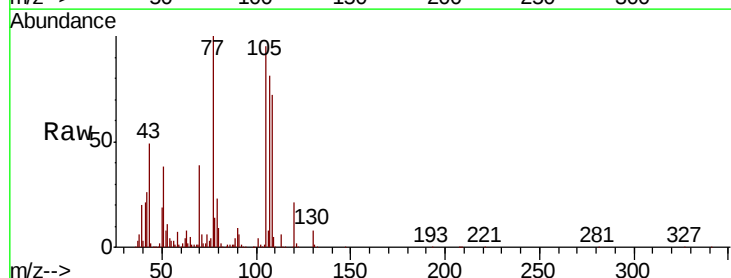
Instrument :
BNA_F
ClientSampleId :
PB131684BS

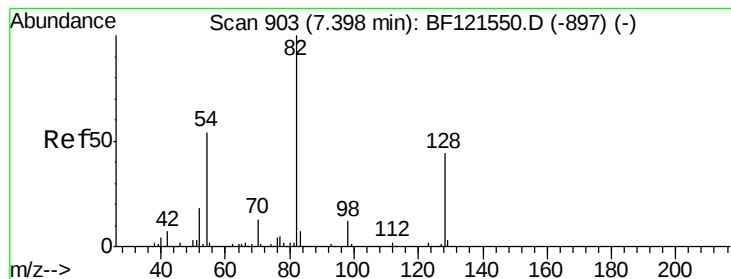
Tot Ion:136	Resp:	681662
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.6
54	9.4	7.6 11.4
68	6.9	5.7 8.5



#22
Acetophenone
Concen: 34.852 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion:105	Resp:	602771
Ion Ratio	Lower	Upper
105	100	
71	6.7	4.6 7.0
51	40.3	27.6 41.4
120	22.0	17.4 26.2





#23

Nitrobenzene-d5

Concen: 92.456 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB131684BS

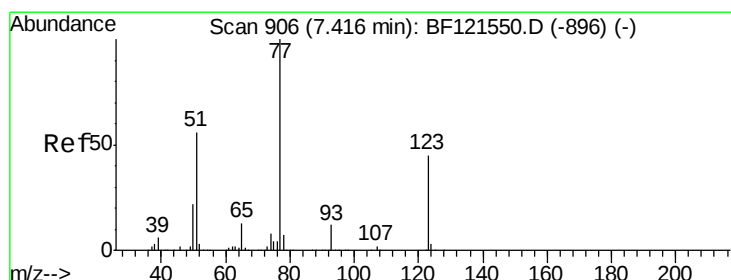
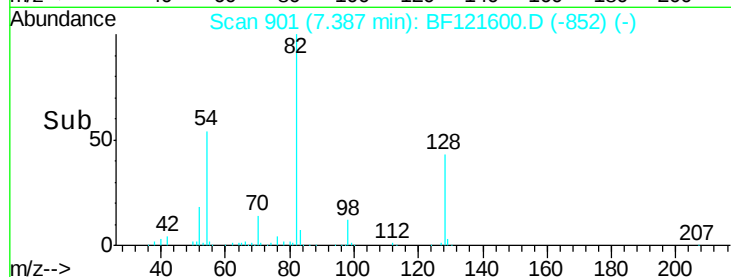
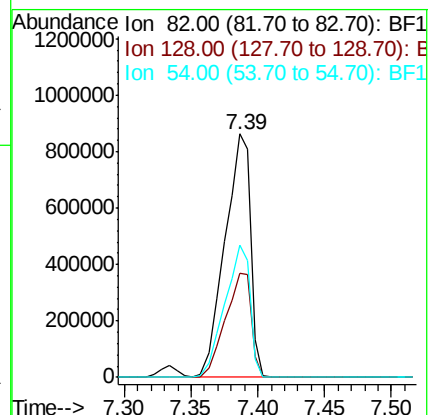
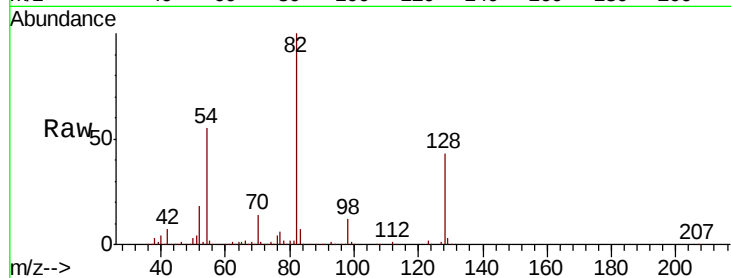
Tot Ion: 82 Resp: 1173805

Ion Ratio Lower Upper

82 100

128 42.7 35.1 52.7

54 54.5 43.0 64.6



#24

Nitrobenzene

Concen: 35.104 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

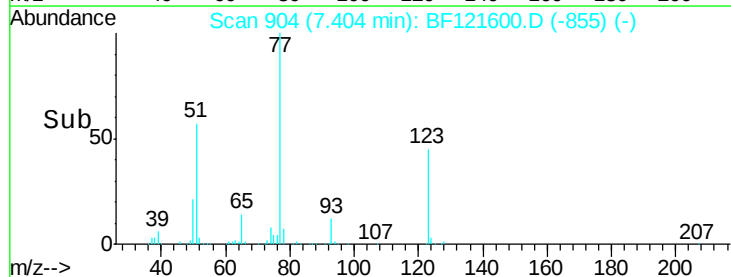
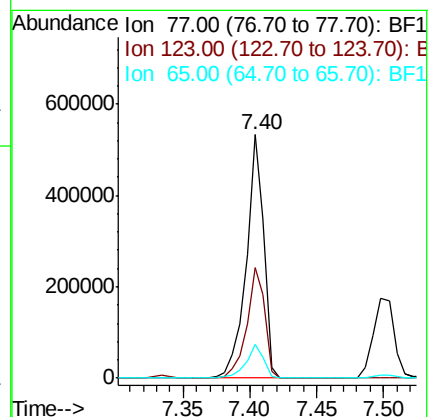
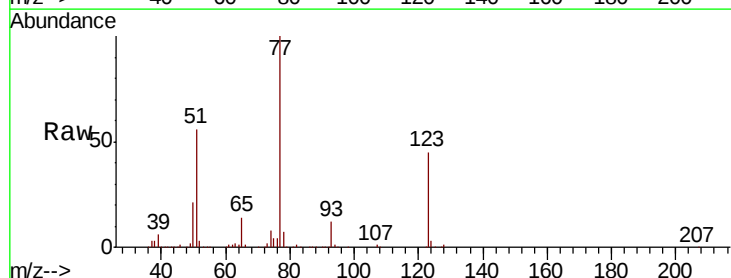
Tgt Ion: 77 Resp: 482027

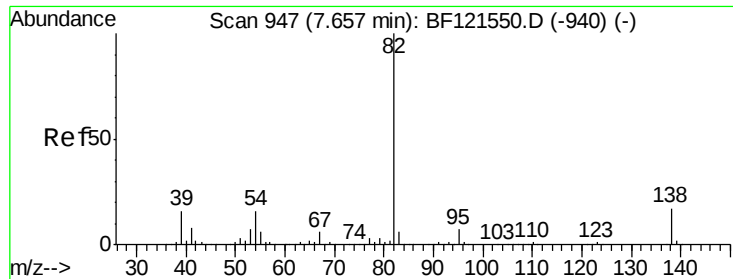
Ion Ratio Lower Upper

77 100

123 45.2 35.8 53.8

65 13.8 10.7 16.1





#25

Isophorone

Concen: 35.116 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB131684BS

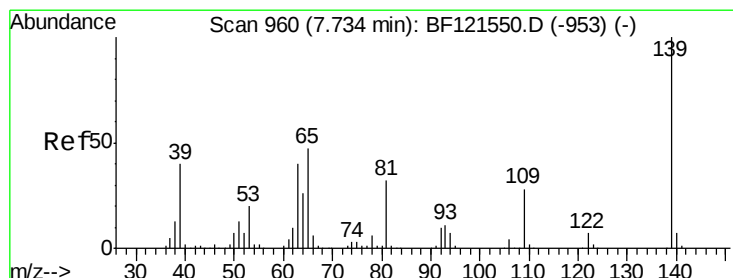
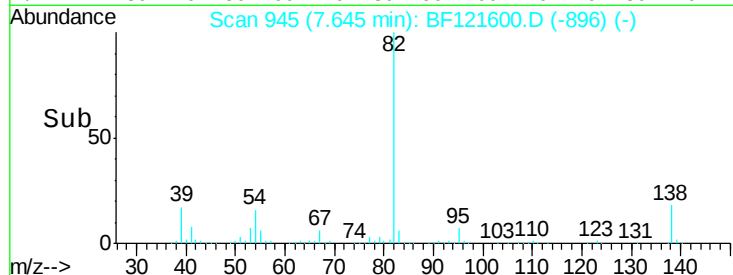
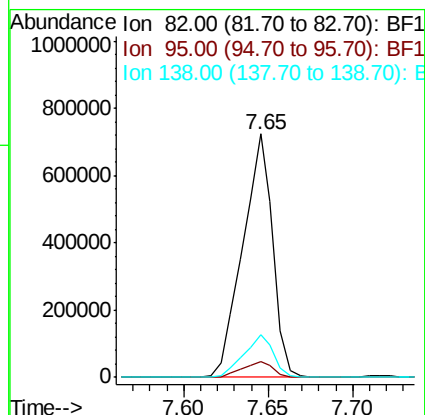
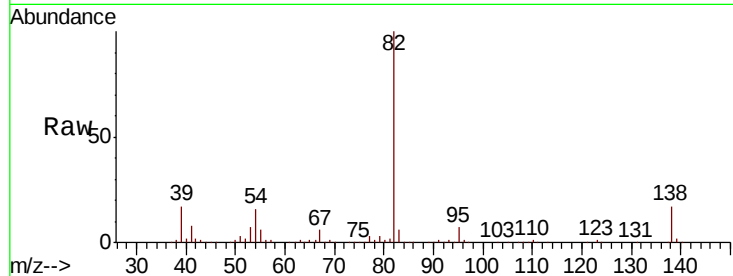
Tot Ion: 82 Resp: 897453

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 17.5 13.7 20.5



#26

2-Nitrophenol

Concen: 37.013 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

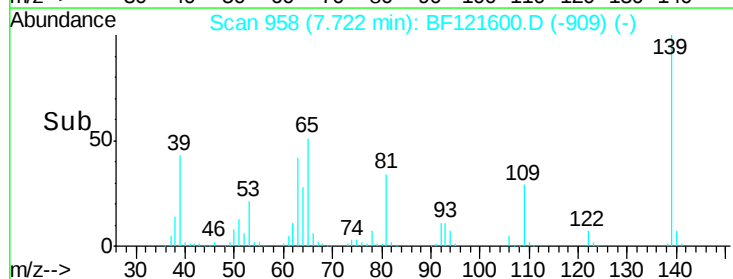
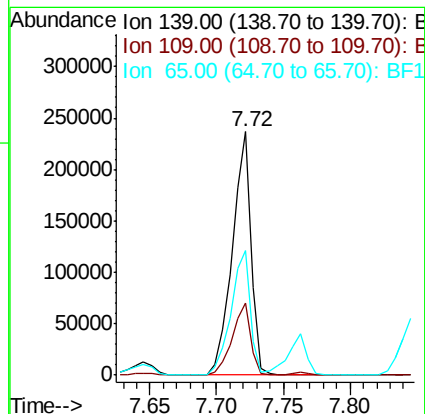
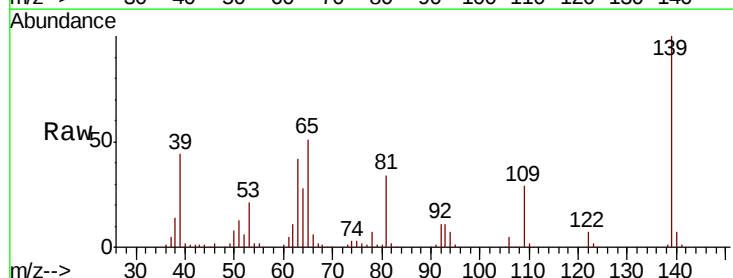
Tgt Ion: 139 Resp: 235263

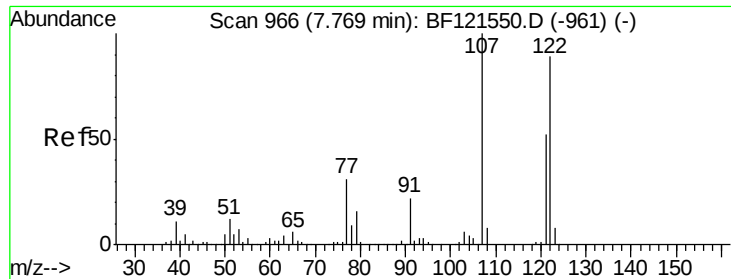
Ion Ratio Lower Upper

139 100

109 29.5 22.4 33.6

65 51.2 37.6 56.4

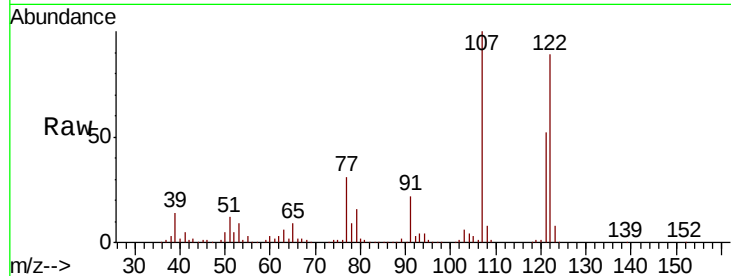




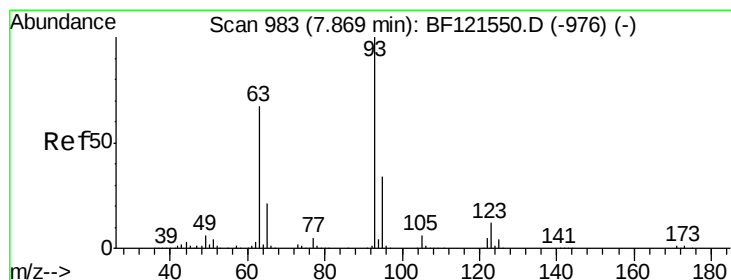
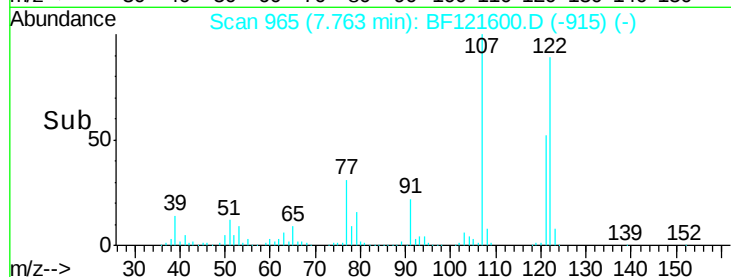
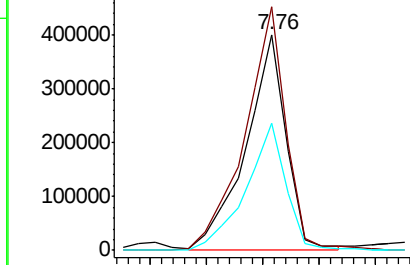
#27
 2,4-Dimethylphenol
 Concen: 34.782 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.9	89.5	134.3
121	59.0	46.6	70.0

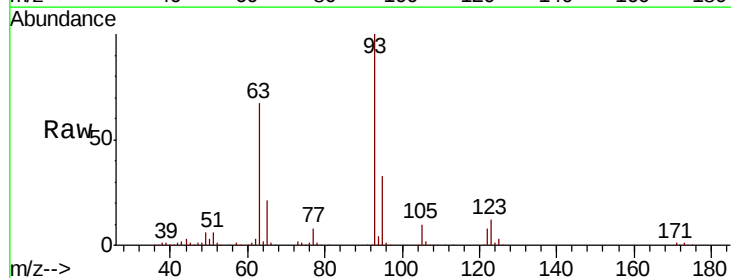


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

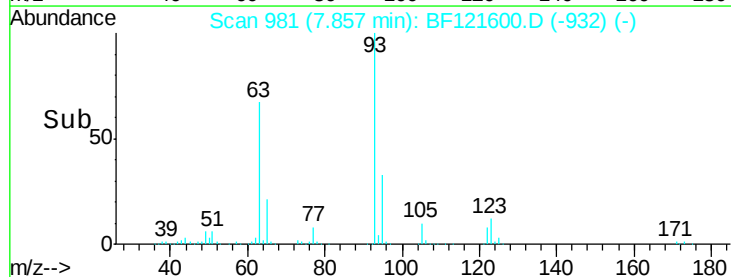
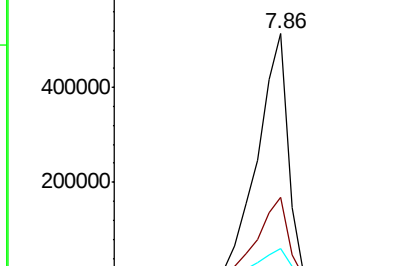


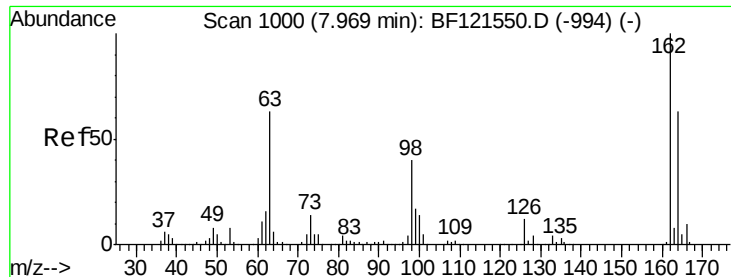
#28
 bis(2-Chloroethoxy)methane
 Concen: 34.945 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.8	40.2
123	11.7	9.7	14.5



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

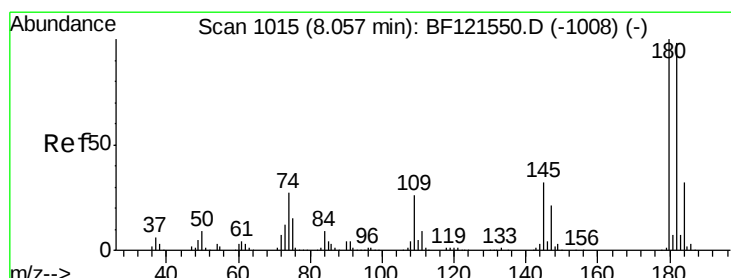
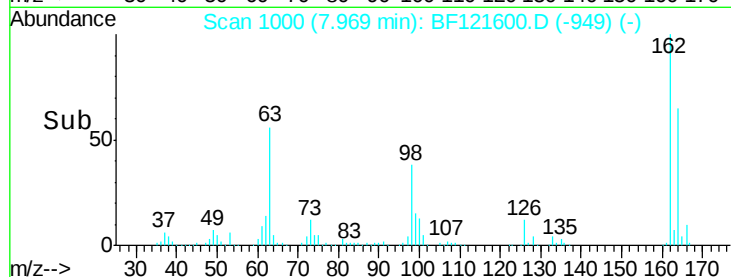
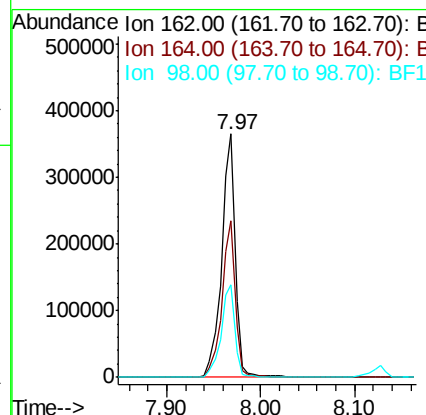
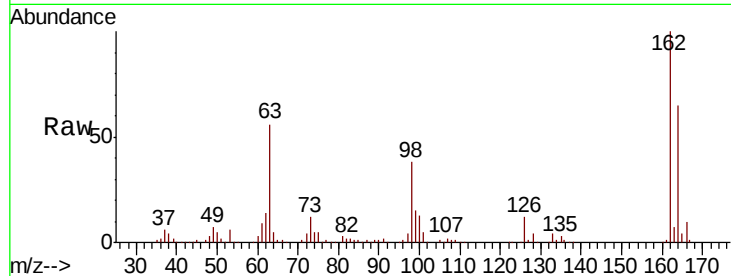




#29
 2,4-Dichlorophenol
 Concen: 35.925 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

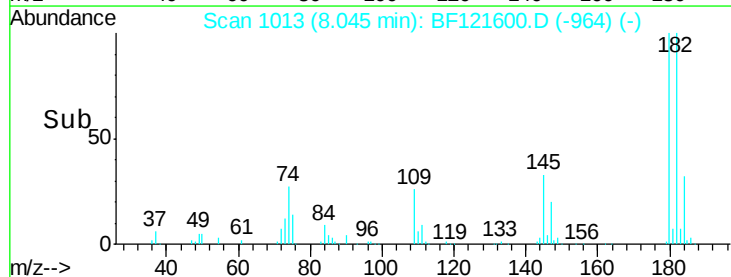
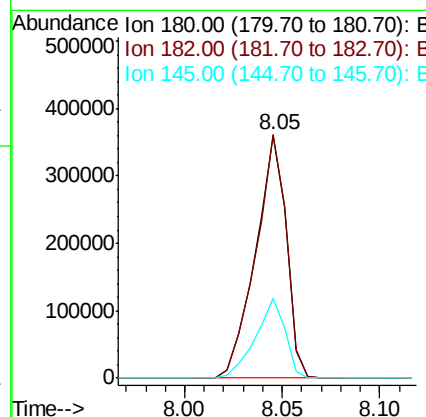
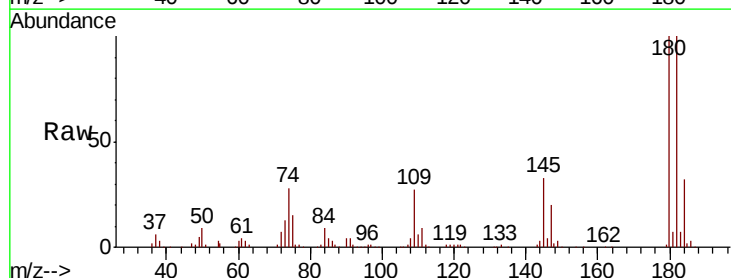
Instrument :
 BNA_F
 ClientSampleID :
 PB131684BS

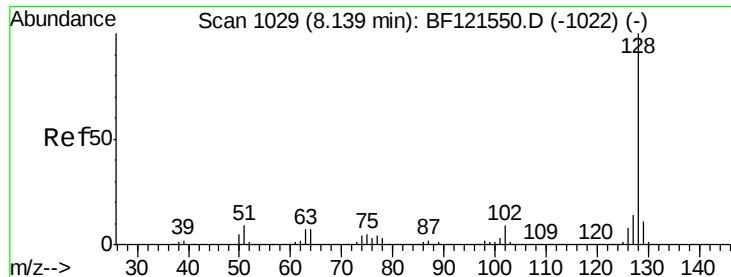
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.5	83.5
98	37.9	20.2	60.2



#30
 1,2,4-Trichlorobenzene
 Concen: 35.915 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.4	78.7	118.1
145	33.0	26.0	39.0

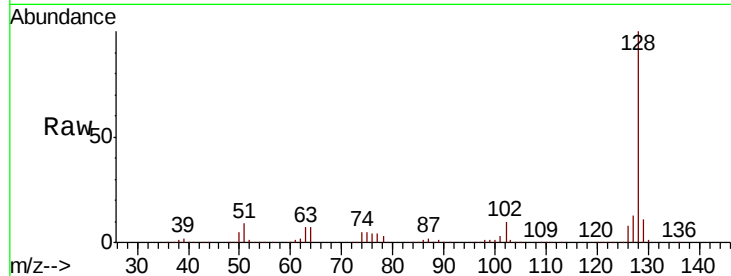




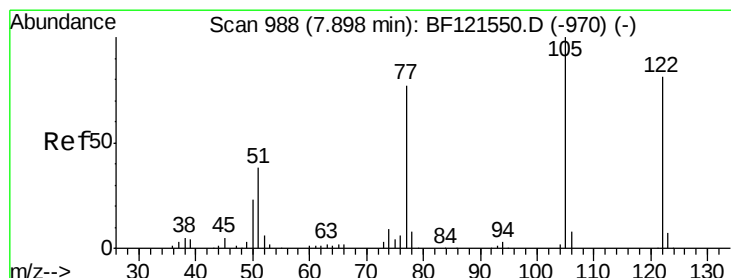
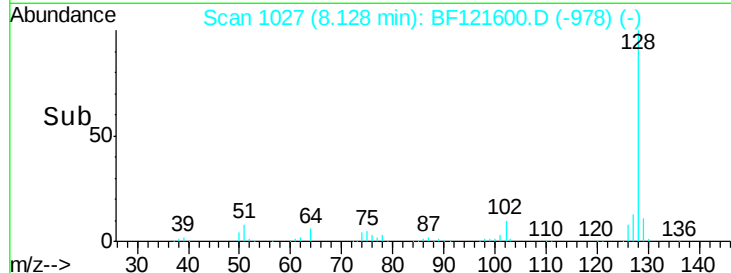
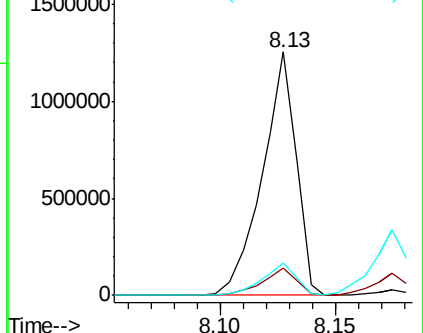
#31
Naphthalene
Concen: 35.362 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB131684BS

Tot Ion:128 Resp: 1272470
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.4 11.0 16.6

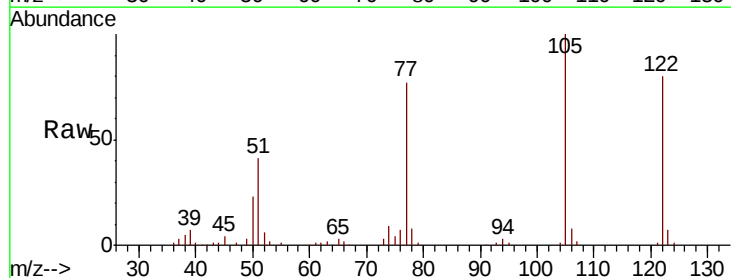


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

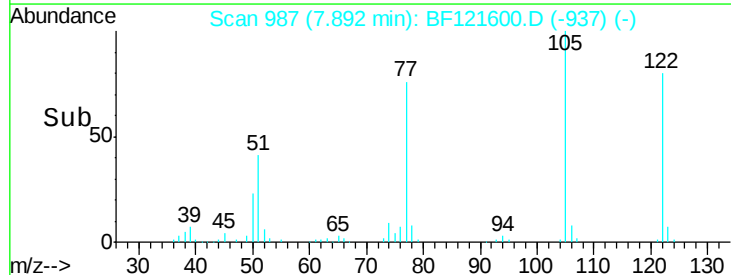
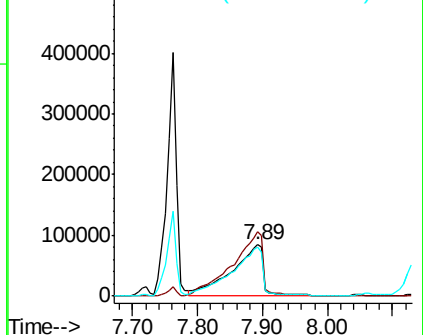


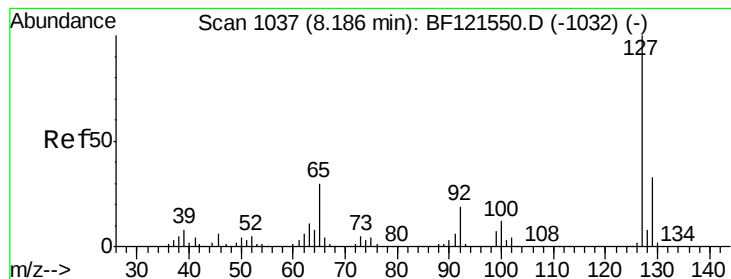
#32
Benzoic acid
Concen: 35.362 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion:122 Resp: 282815
Ion Ratio Lower Upper
122 100
105 124.3 100.5 140.5
77 95.2 72.6 112.6



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: 23.375 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB131684BS

Tot Ion:127 Resp: 364605

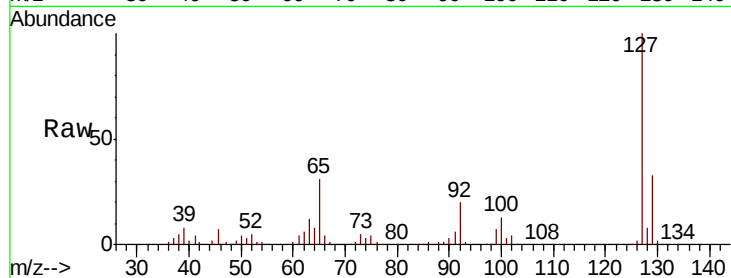
Ion Ratio Lower Upper

127 100

129 33.2 26.4 39.6

65 31.3 24.4 36.6

92 19.9 15.4 23.2

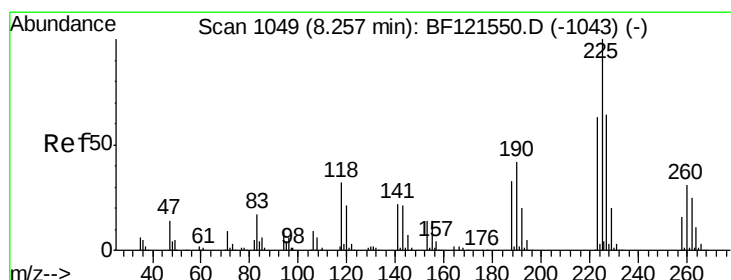
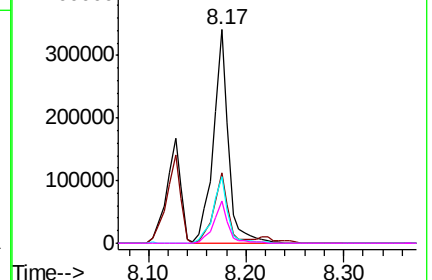
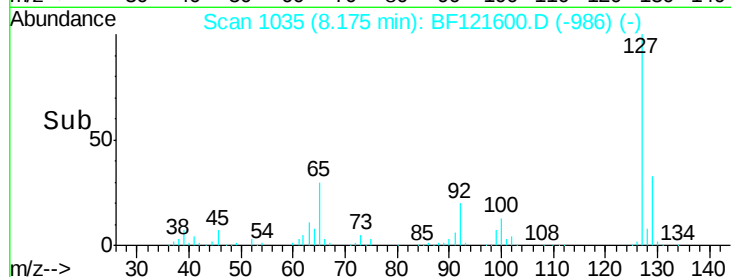


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 35.618 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

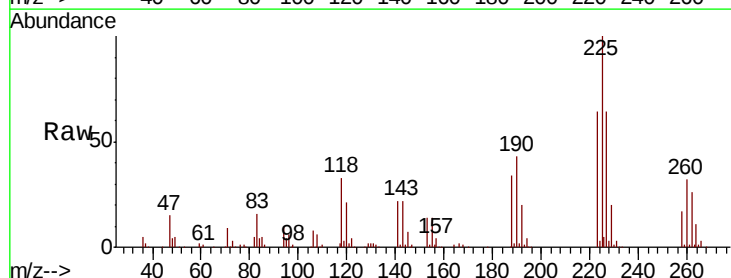
Tgt Ion:225 Resp: 228786

Ion Ratio Lower Upper

225 100

223 64.4 50.2 75.2

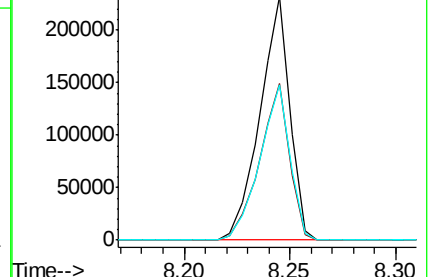
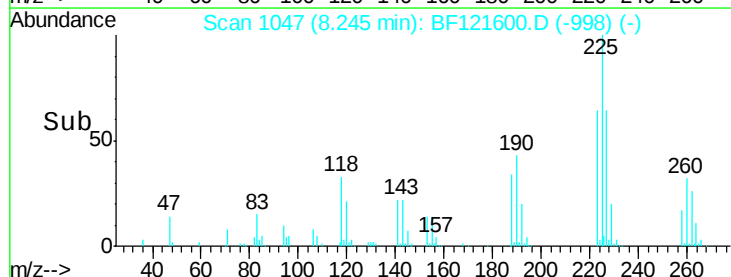
227 63.6 51.0 76.4

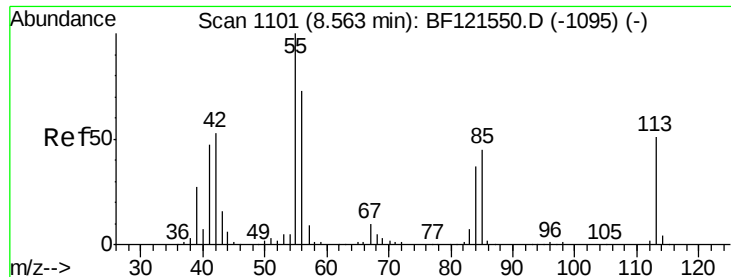


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

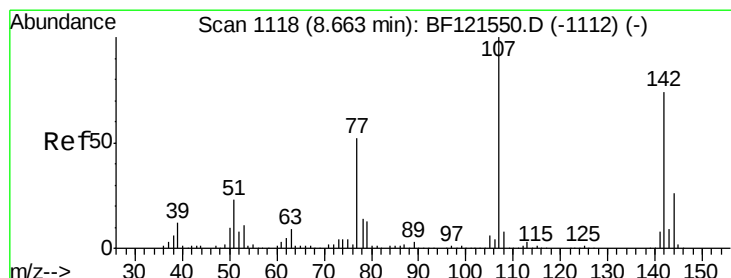
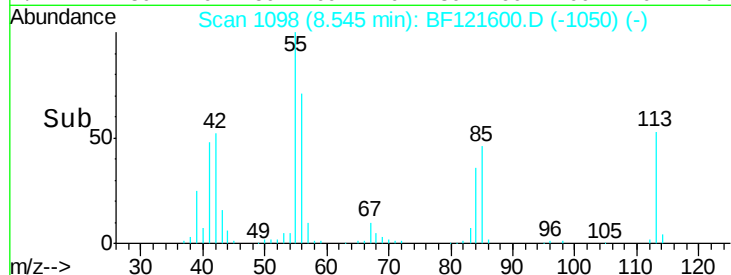
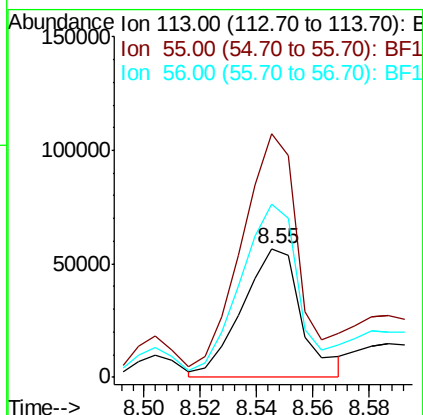
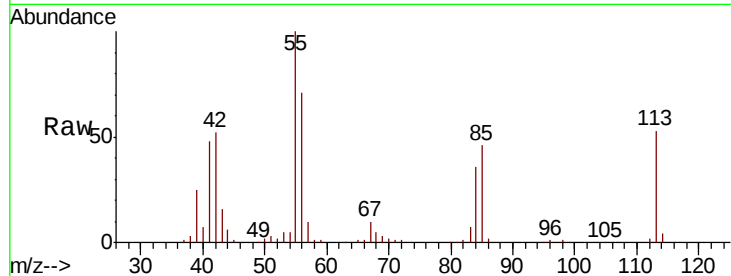




#35
 Caprolactam
 Concen: 23.892 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.02 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

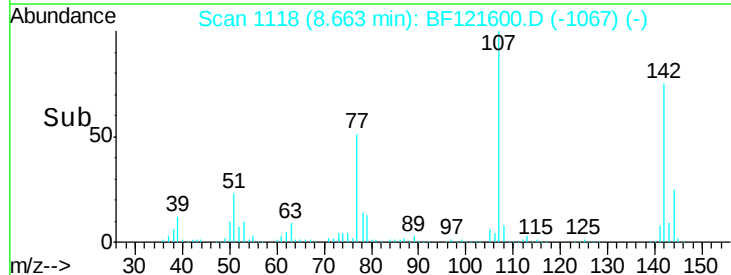
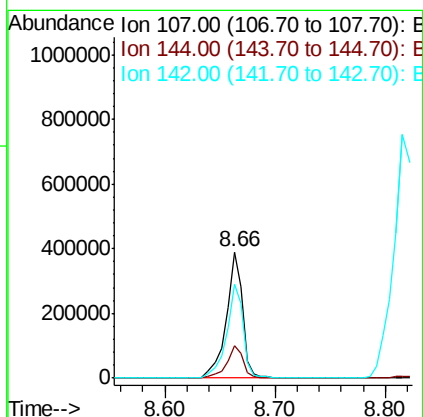
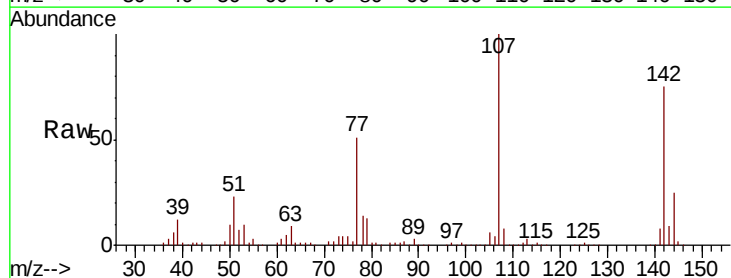
Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

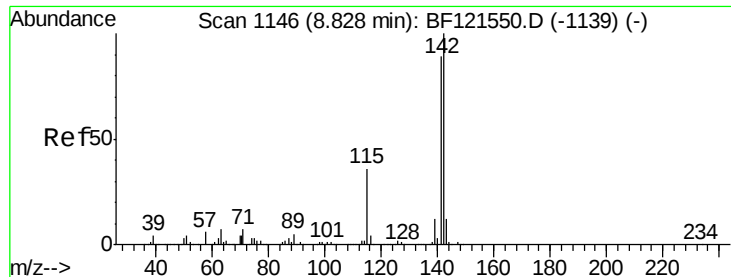
Tot Ion:113 Resp: 82670
 Ion Ratio Lower Upper
 113 100
 55 189.0 176.2 216.2
 56 134.2 123.9 163.9



#36
 4-Chloro-3-methylphenol
 Concen: 36.089 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.00 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion:107 Resp: 403953
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.5 30.7
 142 74.6 59.5 89.3

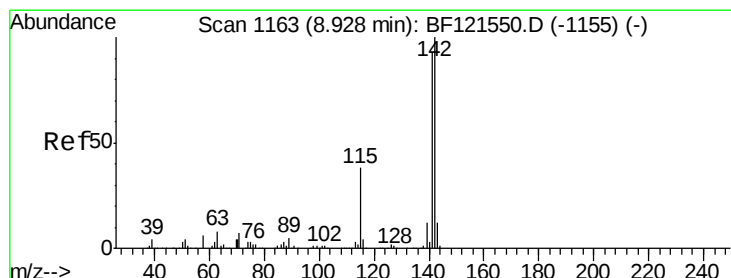
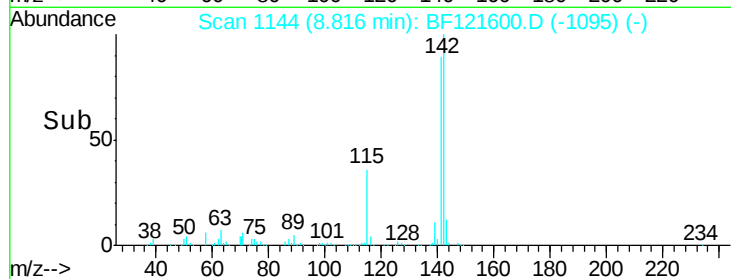
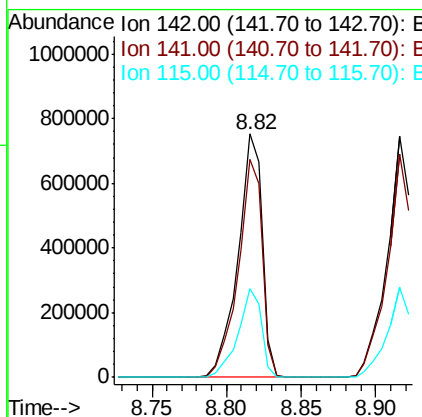
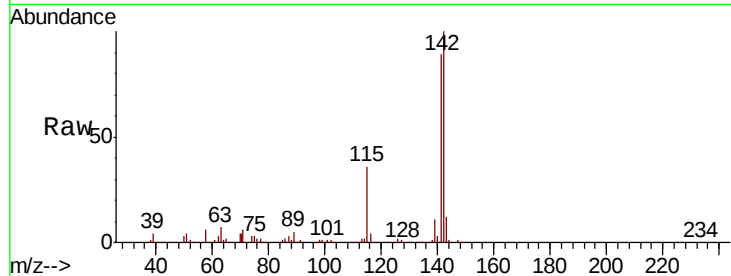




#37
2-Methylnaphthalene
Concen: 36.039 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

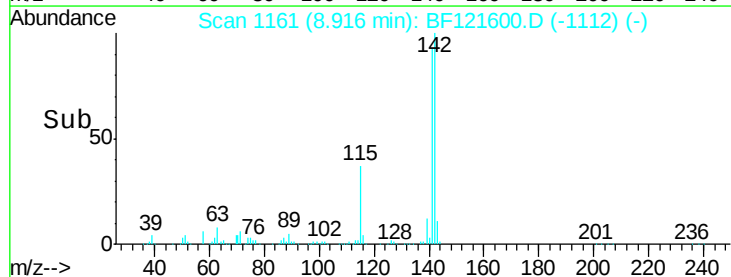
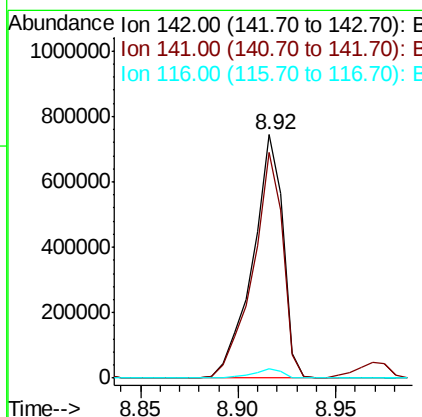
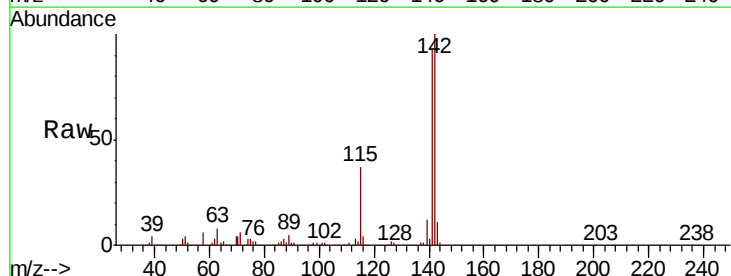
Instrument :
BNA_F
ClientSampleId :
PB131684BS

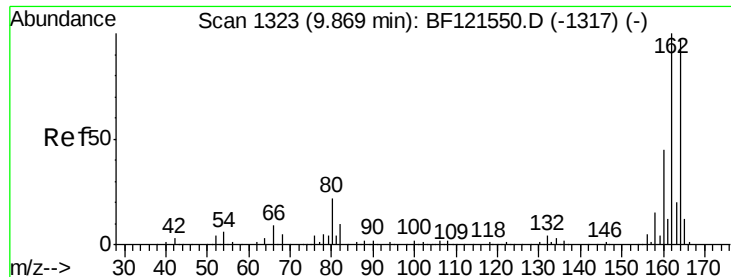
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.5	107.3
115	36.2	28.7	43.1



#38
1-Methylnaphthalene
Concen: 36.353 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.8	112.2
116	3.9	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB131684BS

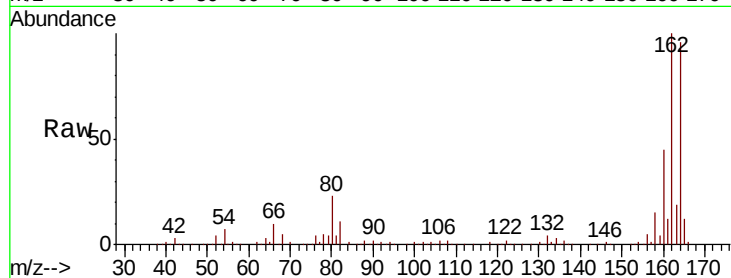
Tot Ion:164 Resp: 361016

Ion Ratio Lower Upper

164 100

162 104.6 82.3 123.5

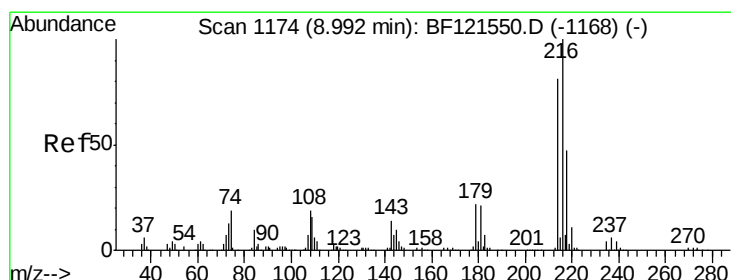
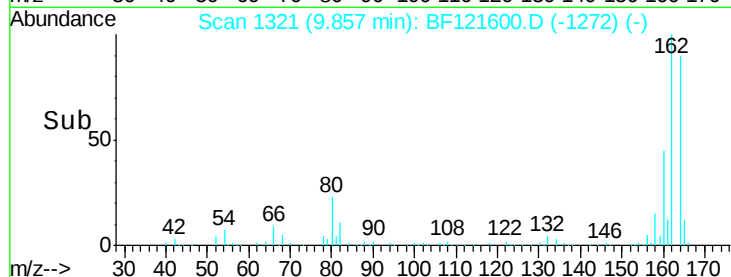
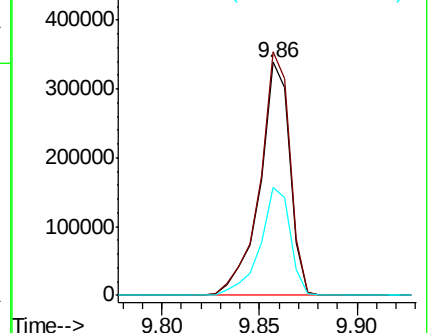
160 46.6 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.305 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Tgt Ion:216 Resp: 386862

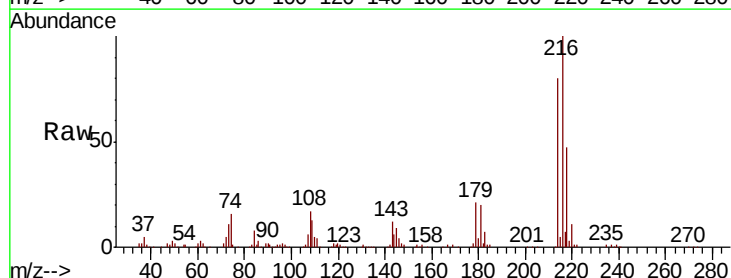
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.8

179 21.0 16.6 25.0

108 21.9 15.8 23.6

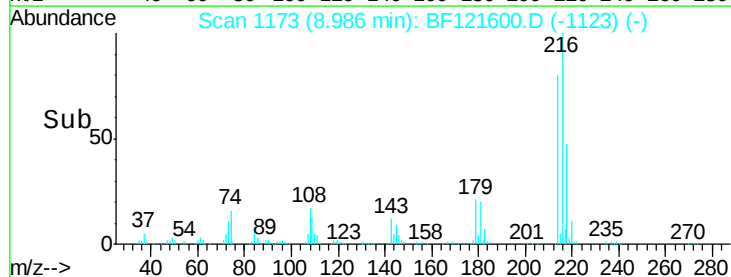
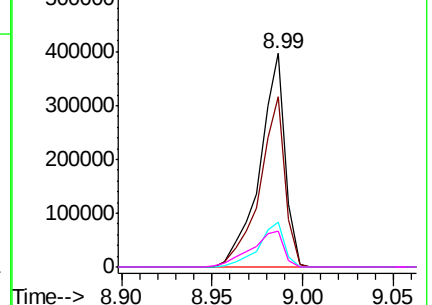


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 74.096 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB131684BS

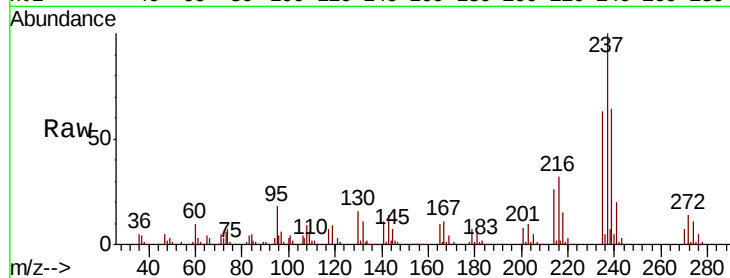
Tot Ion:237 Resp: 477177

Ion Ratio Lower Upper

237 100

235 62.9 44.0 84.0

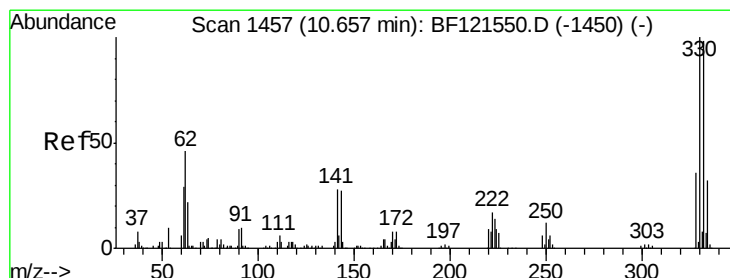
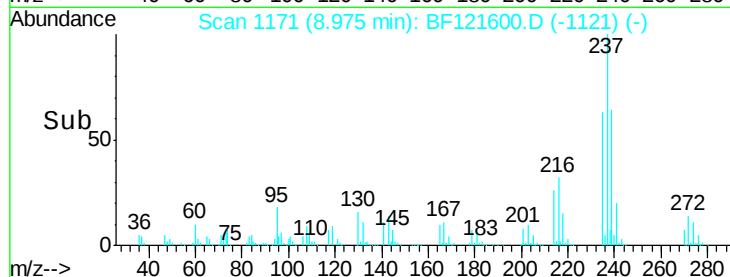
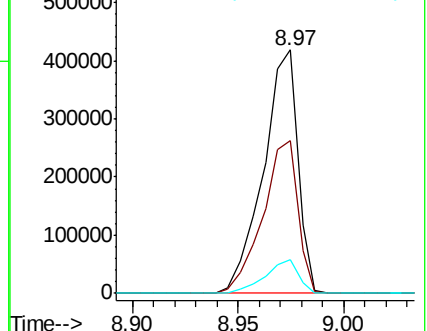
272 13.8 0.0 33.4



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: 96.160 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

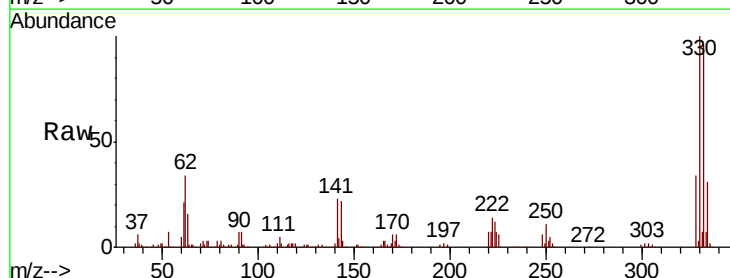
Tgt Ion:330 Resp: 431466

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

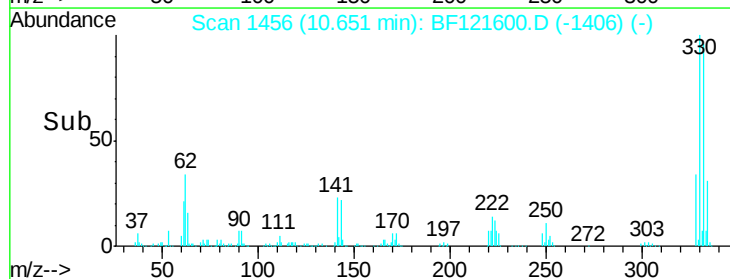
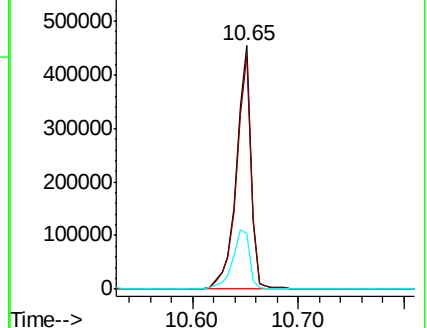
141 28.5 23.6 35.4



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

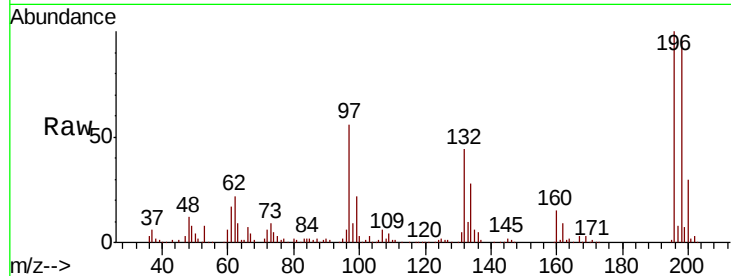




#43
 2,4,6-Trichlorophenol
 Concen: 35.851 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

Tot Ion	196	Resp	275572
Ion Ratio	Lower	Upper	
196	100		
198	96.3	75.6	113.4
200	30.3	24.0	36.0

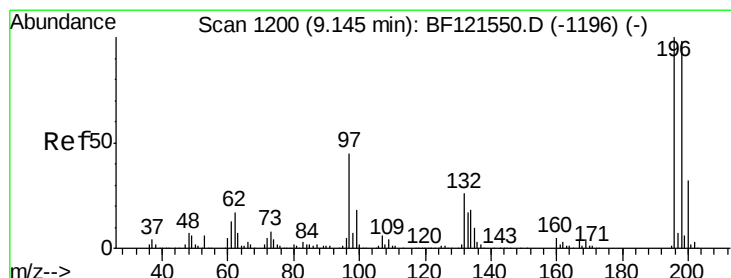
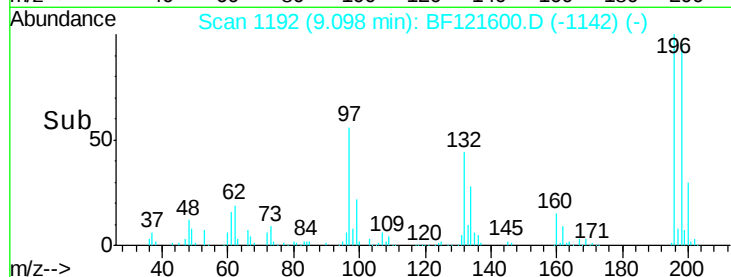
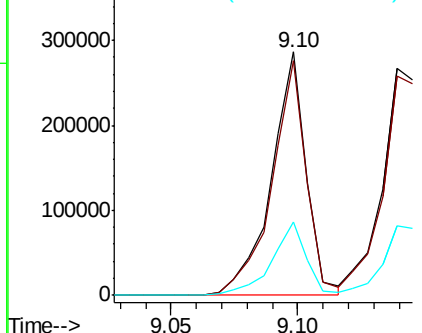


Abundance

Ion 196.00 (195.70 to 196.70): E

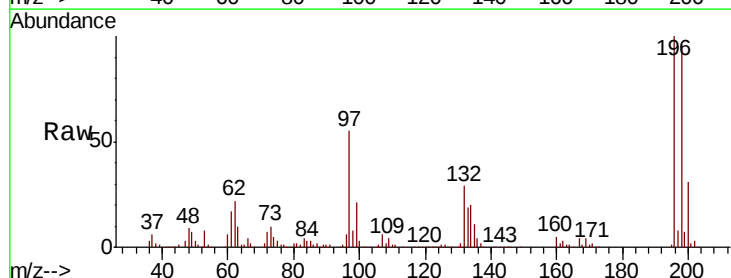
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 36.014 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion	196	Resp	292648
Ion Ratio	Lower	Upper	
196	100		
198	96.5	78.1	117.1
97	55.2	36.8	55.2#
132	29.1	20.9	31.3



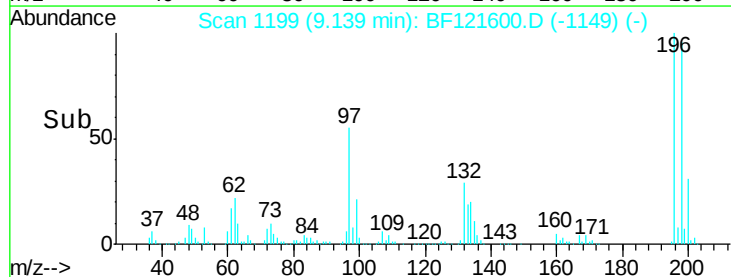
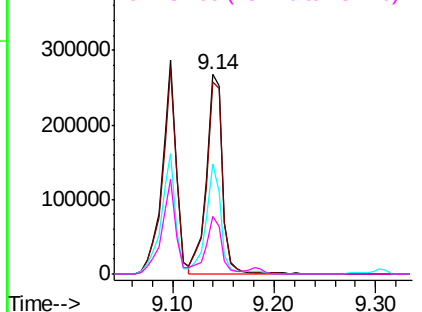
Abundance

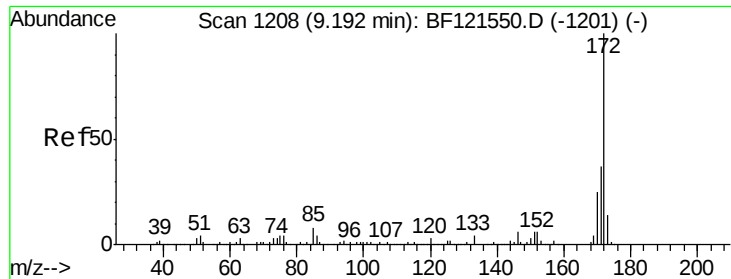
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

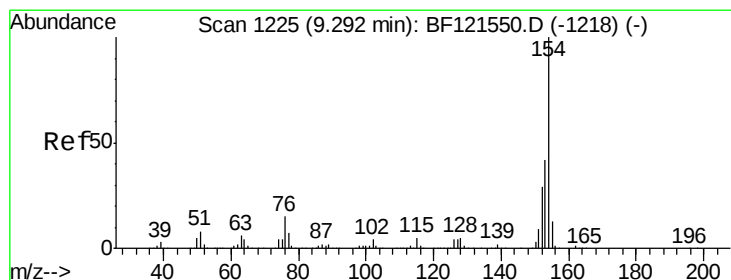
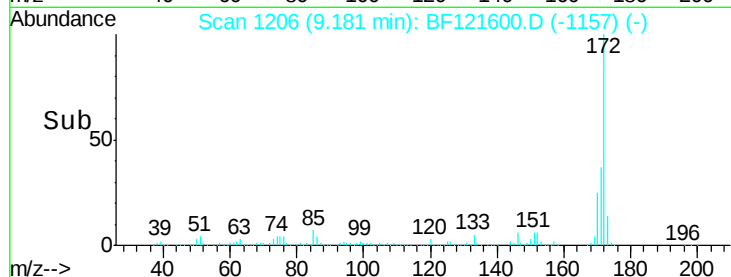
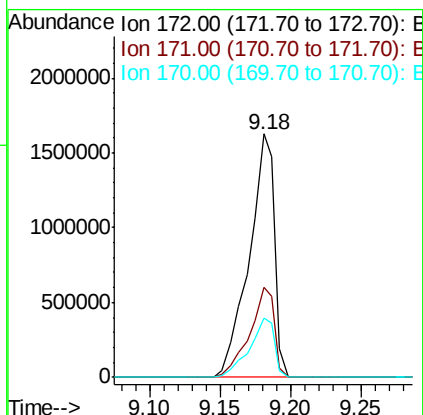
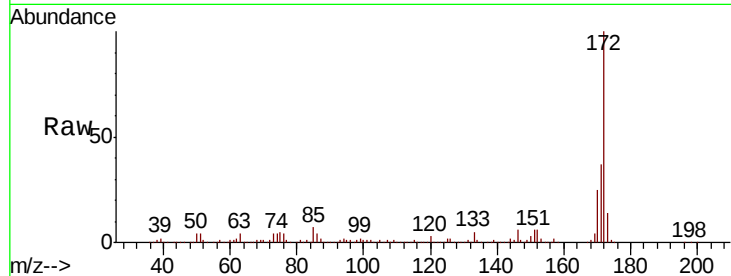




#45
 2-Fluorobiphenyl
 Concen: 86.078 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

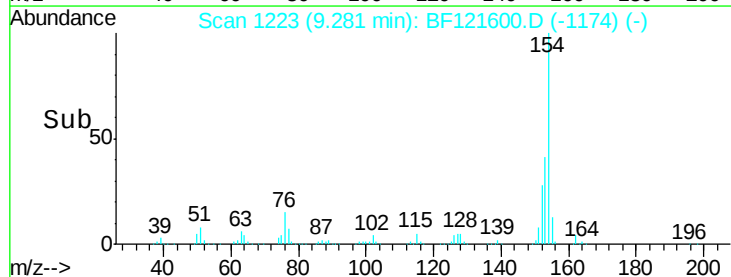
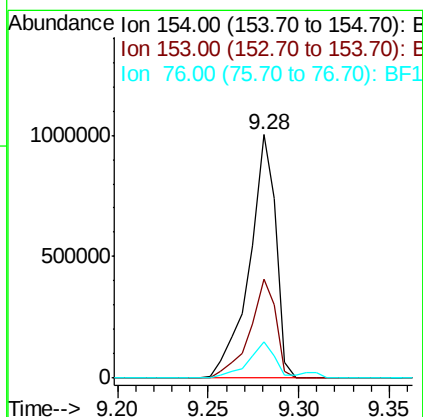
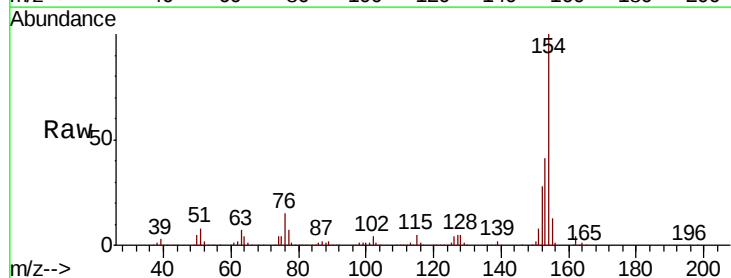
Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

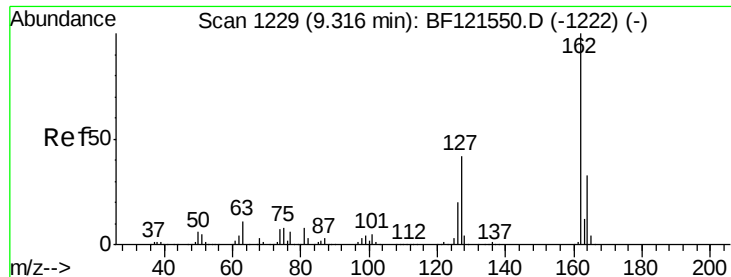
Tot Ion:172 Resp: 2051820
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.8 44.6
 170 24.6 19.8 29.8



#46
 1,1'-Biphenyl
 Concen: 34.954 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion:154 Resp: 1010229
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.7 61.7
 76 15.0 0.0 35.5

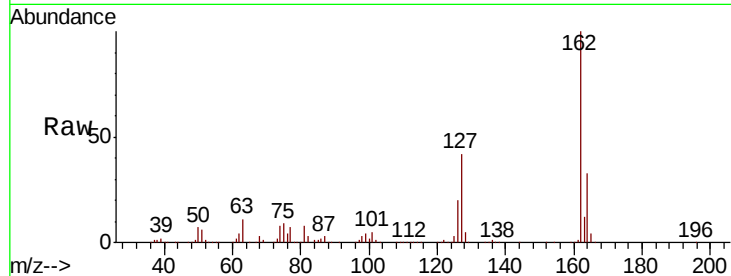




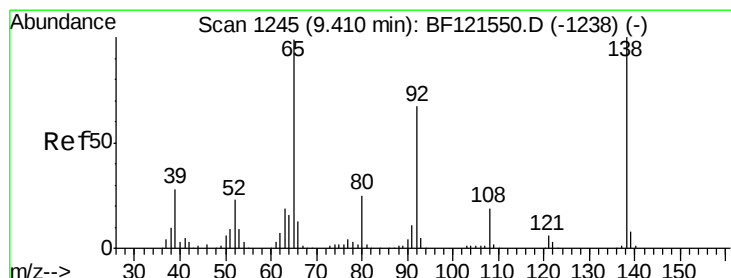
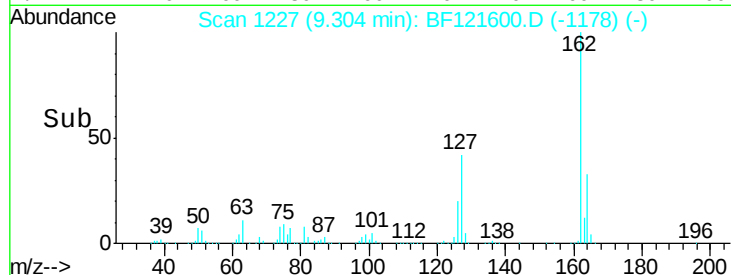
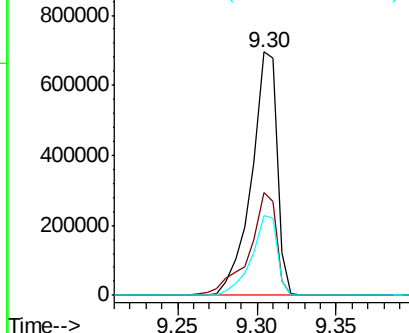
#47
 2-Chloronaphthalene
 Concen: 34.337 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.9	50.9
164	32.7	26.7	40.1

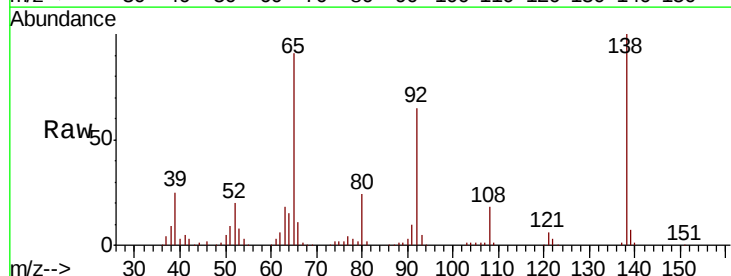


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

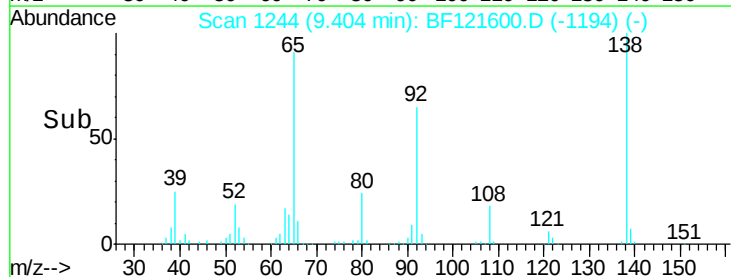
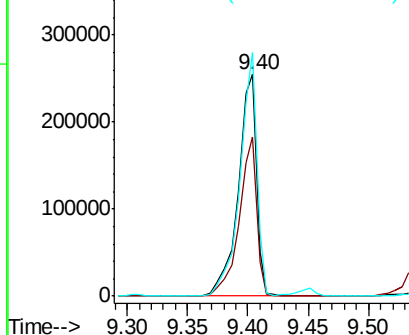


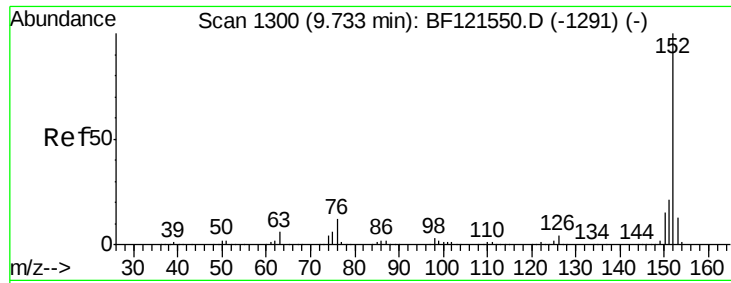
#48
 2-Nitroaniline
 Concen: 38.335 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.0	54.2	81.4
138	110.0	80.8	121.2



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





#49

Acenaphthylene

Concen: 35.808 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB131684BS

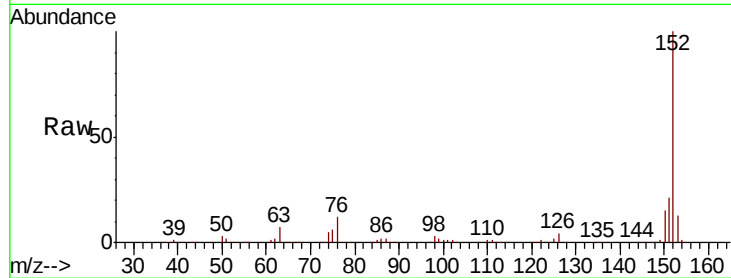
Tot Ion:152 Resp: 1253056

Ion Ratio Lower Upper

152 100

151 20.7 16.6 24.8

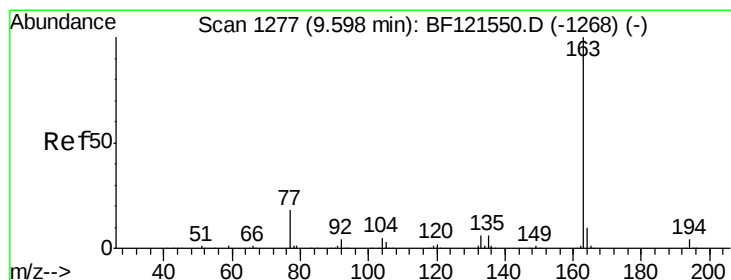
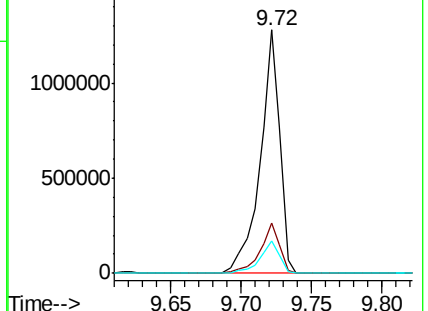
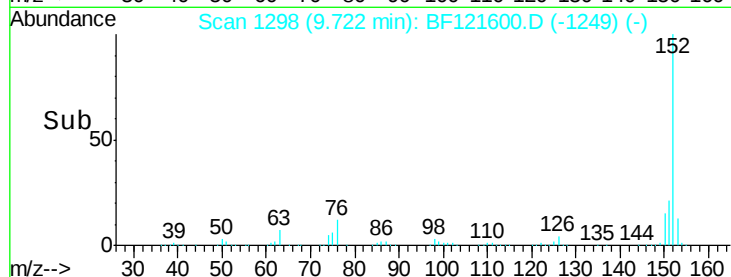
153 13.3 10.7 16.1



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: 35.507 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

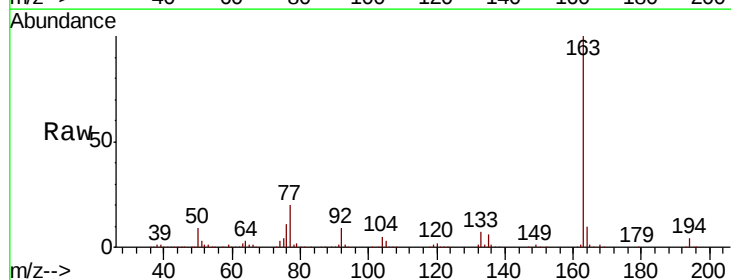
Tgt Ion:163 Resp: 929081

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

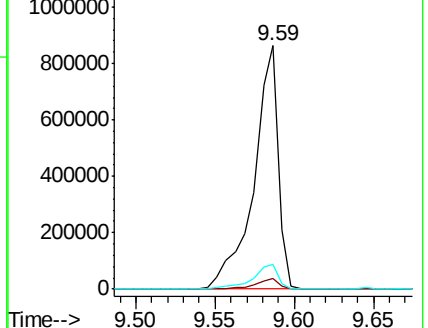
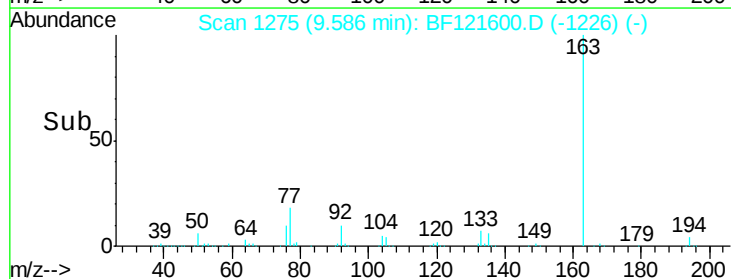
164 10.3 7.9 11.9

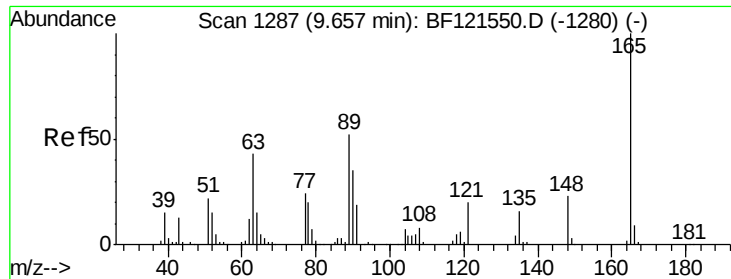


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.870 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB131684BS

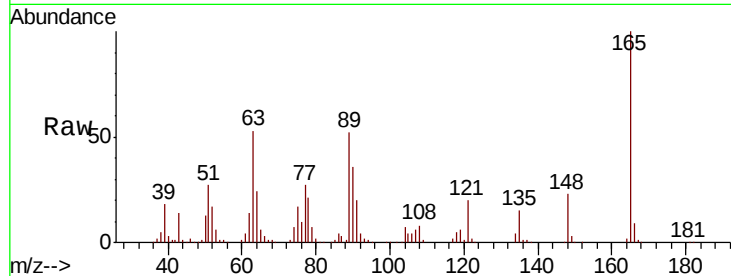
Tot Ion:165 Resp: 211031

Ion Ratio Lower Upper

165 100

63 53.2 40.6 61.0

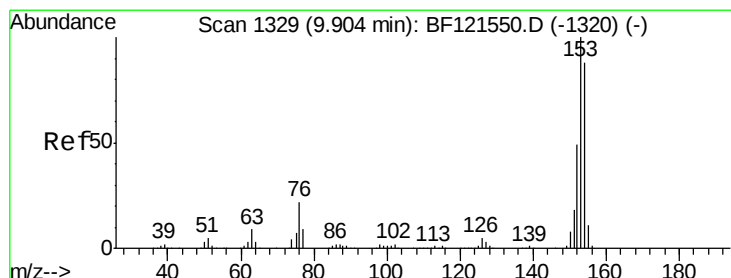
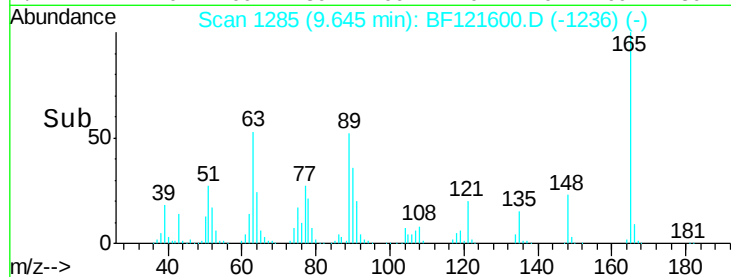
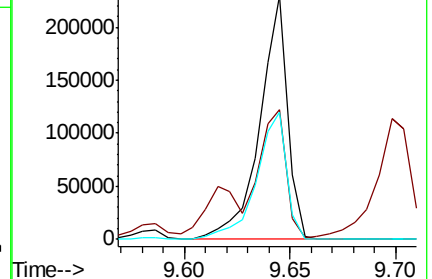
89 52.0 41.8 62.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 33.650 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

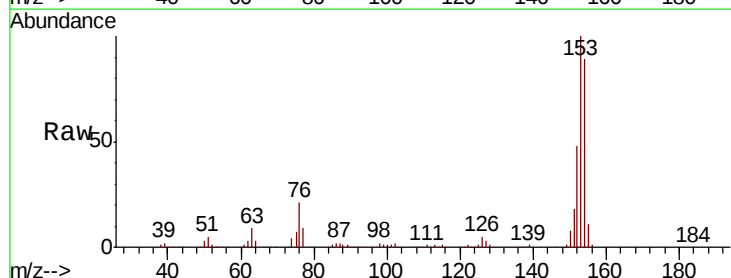
Tgt Ion:154 Resp: 743741

Ion Ratio Lower Upper

154 100

153 112.8 91.0 136.4

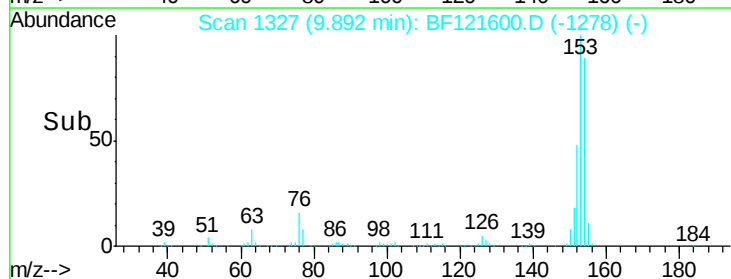
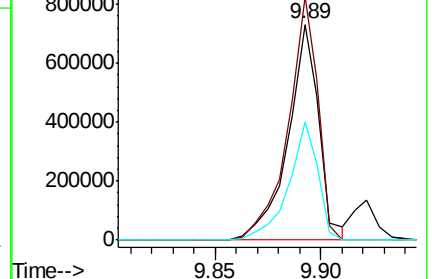
152 54.7 44.2 66.2

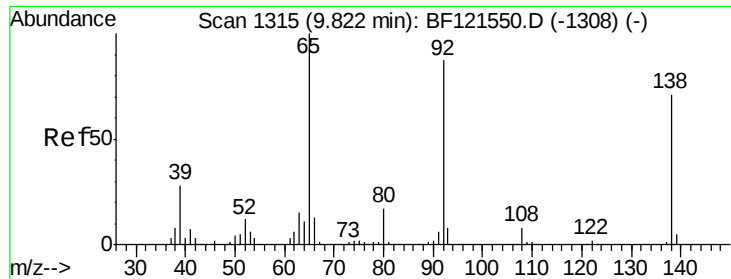


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

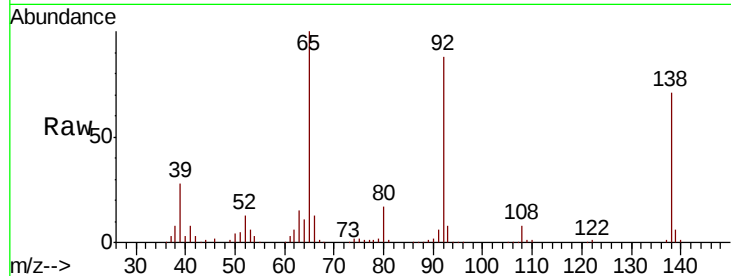




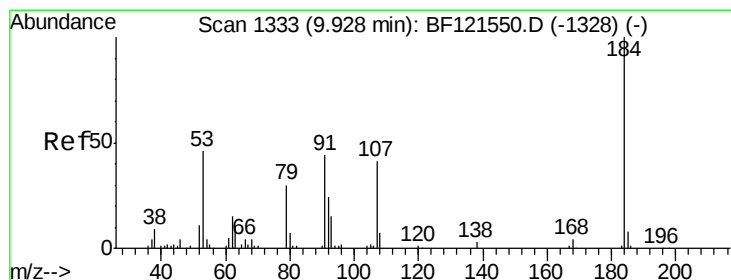
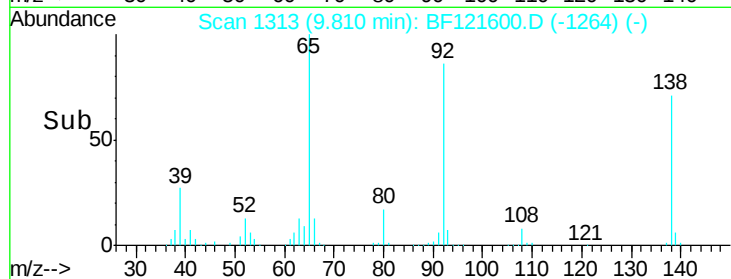
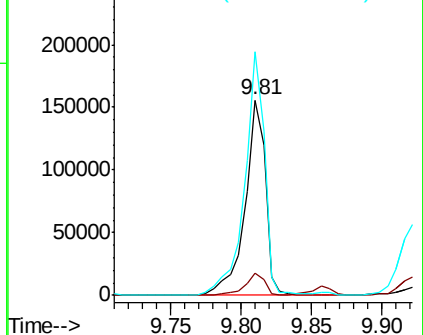
#53
3-Nitroaniline
Concen: 24.560 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB131684BS

Tot Ion:138 Resp: 158546
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.6
92 124.8 97.4 146.0

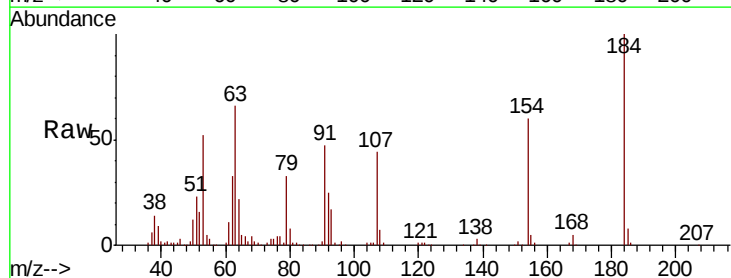


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

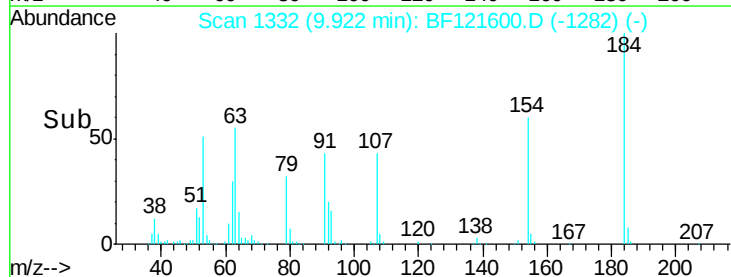
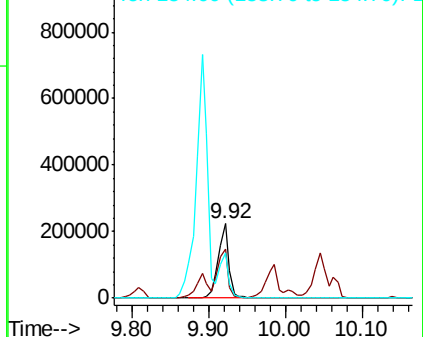


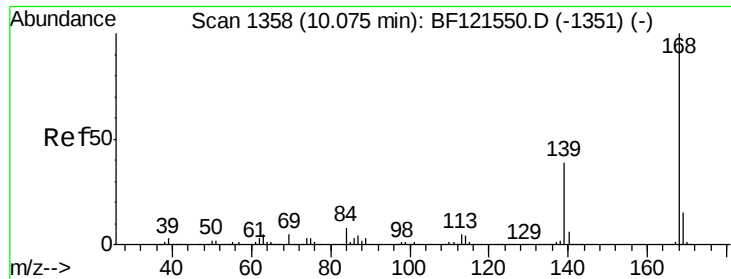
#54
2,4-Dinitrophenol
Concen: 68.209 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion:184 Resp: 214392
Ion Ratio Lower Upper
184 100
63 66.0 47.7 71.5
154 60.2 47.2 70.8



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

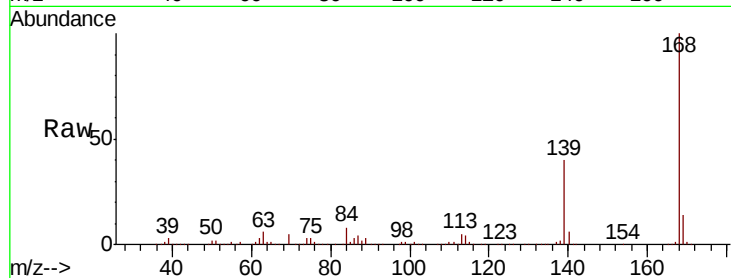




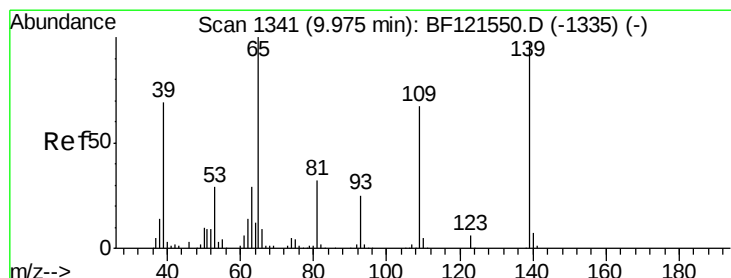
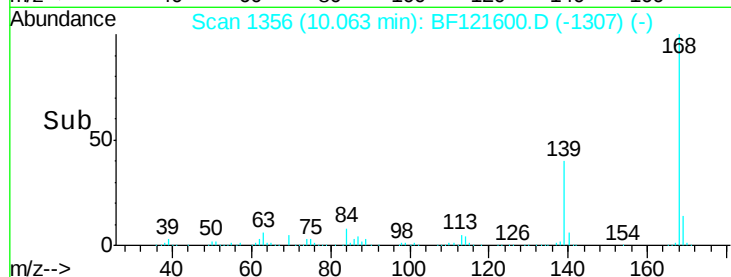
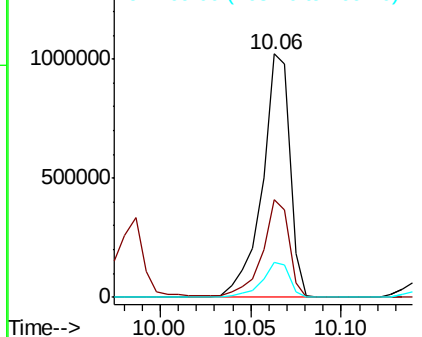
#55
Dibenzenofuran
Concen: 34.801 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB131684BS

Tot Ion:168 Resp: 1083213
Ion Ratio Lower Upper
168 100
139 40.2 31.4 47.0
169 14.5 11.9 17.9

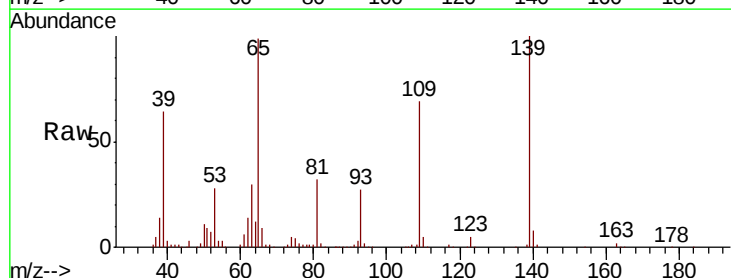


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

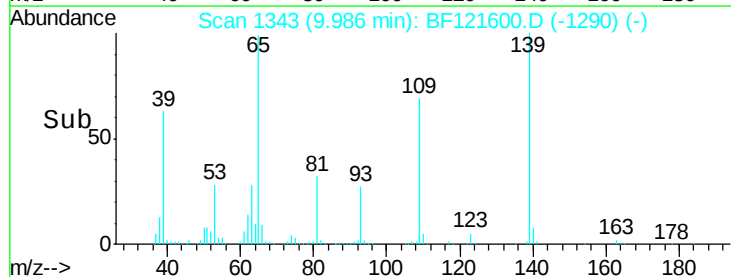
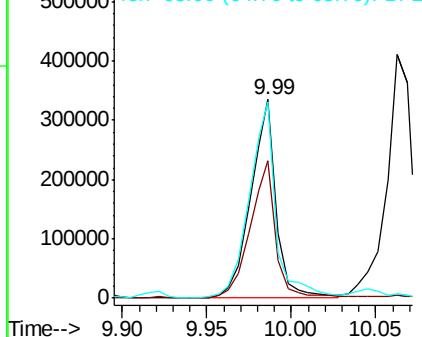


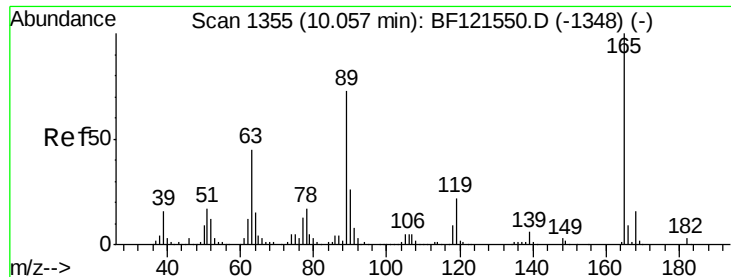
#56
4-Nitrophenol
Concen: 68.547 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion:139 Resp: 352892
Ion Ratio Lower Upper
139 100
109 68.8 48.8 88.8
65 98.7 83.6 123.6



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





#57

2,4-Dinitrotoluene

Concen: 40.356 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB131684BS

Tot Ion:165 Resp: 282914

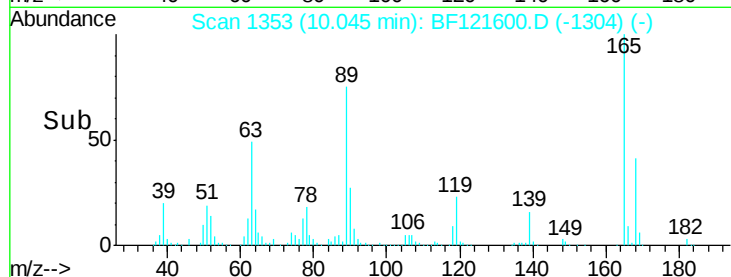
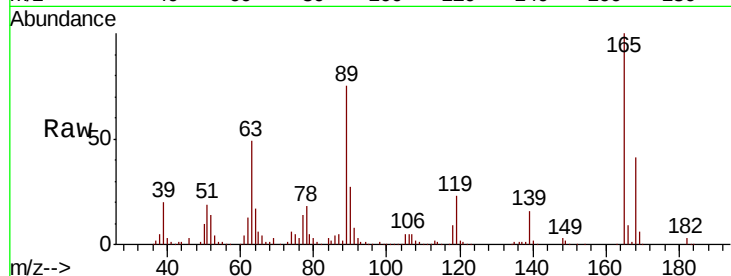
Ion Ratio Lower Upper

165 100

63 49.5 36.2 54.4

89 75.3 58.2 87.4

182 2.6 2.2 3.2

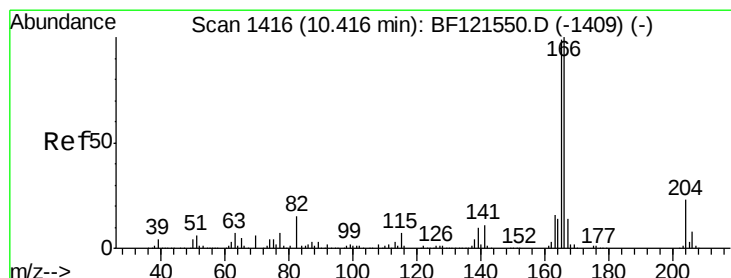
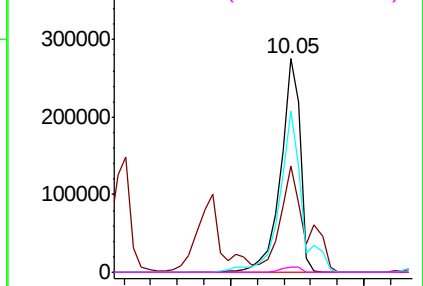


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 34.556 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

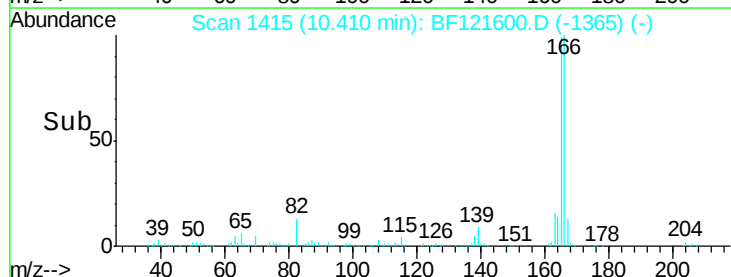
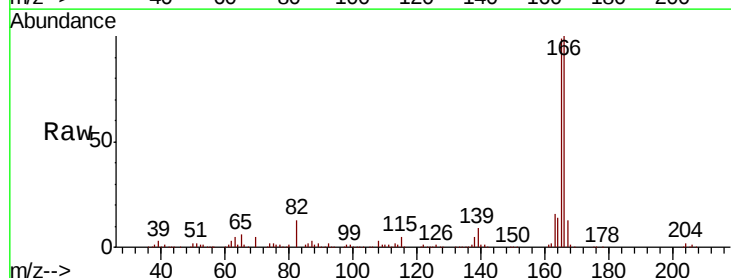
Tgt Ion:166 Resp: 822524

Ion Ratio Lower Upper

166 100

165 98.9 79.0 118.4

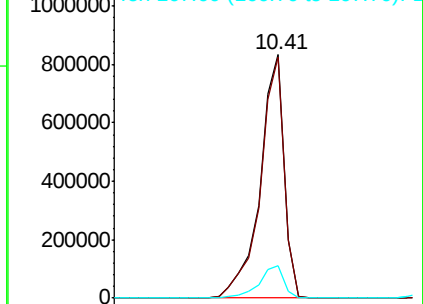
167 13.1 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

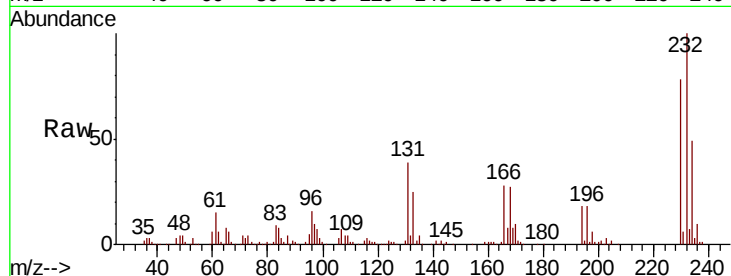




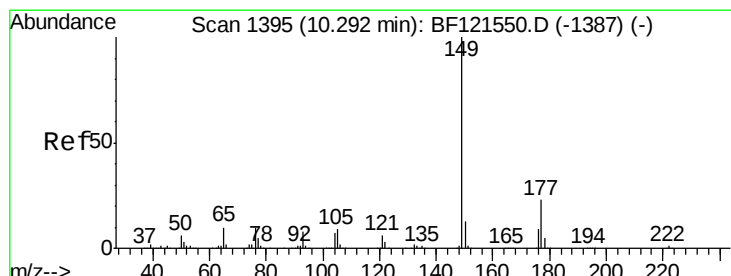
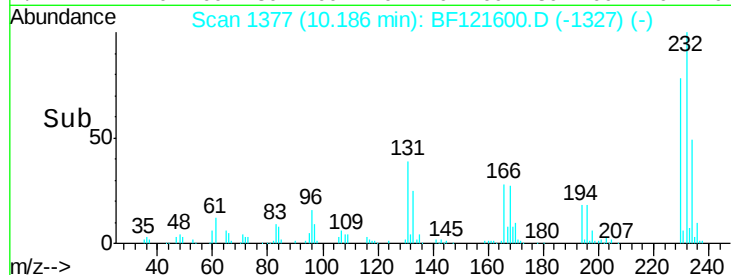
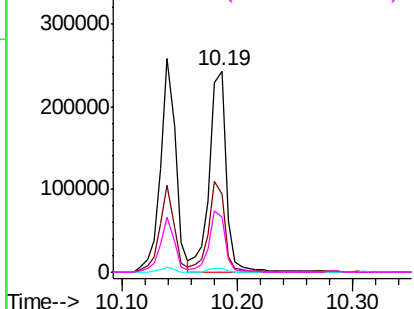
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.539 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

Tot Ion:	232	Resp:	247990
Ion	Ratio	Lower	Upper
232	100		
131	43.2	36.3	54.5
130	2.1	1.9	2.9
166	29.5	23.9	35.9

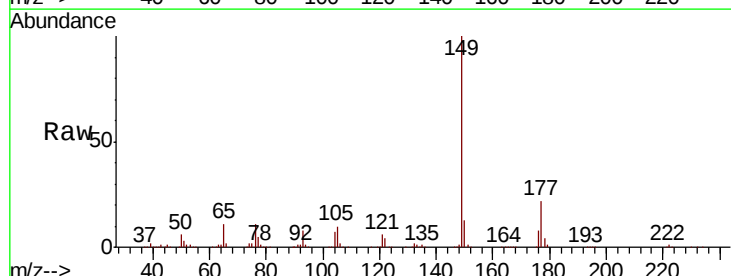


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

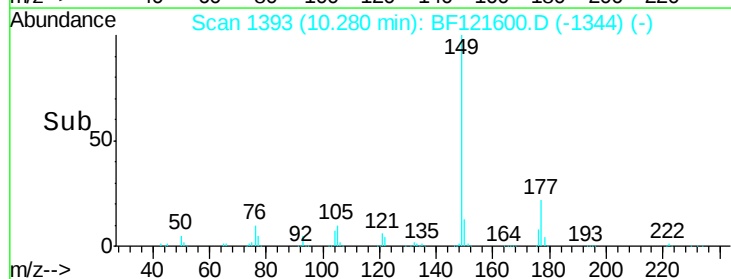
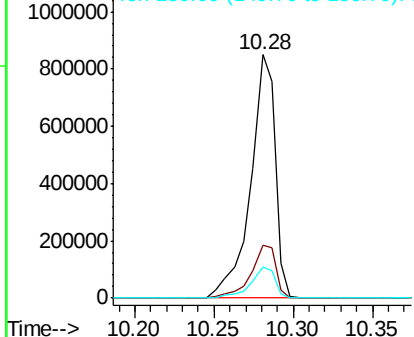


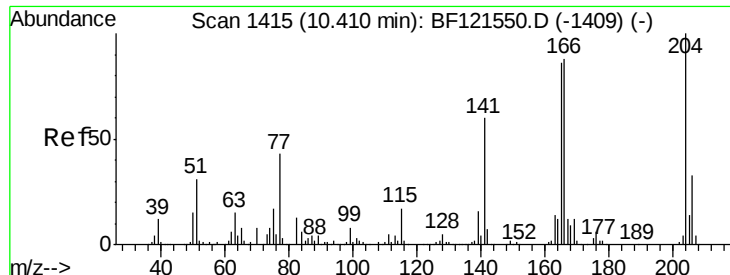
#60
 Diethylphthalate
 Concen: 35.955 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion:	149	Resp:	917255
Ion	Ratio	Lower	Upper
149	100		
177	21.8	18.2	27.2
150	12.6	10.2	15.2



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

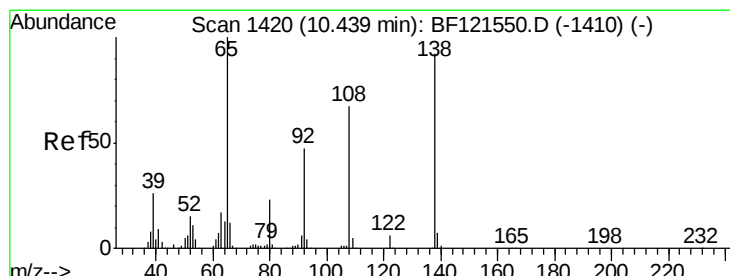
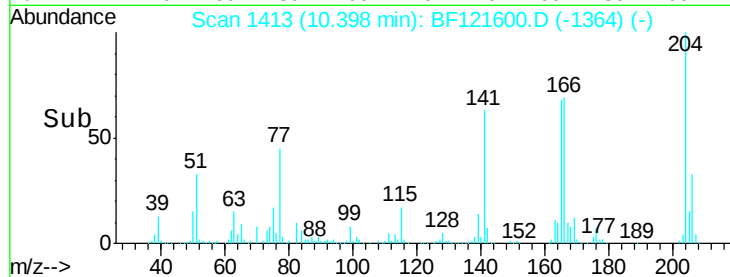
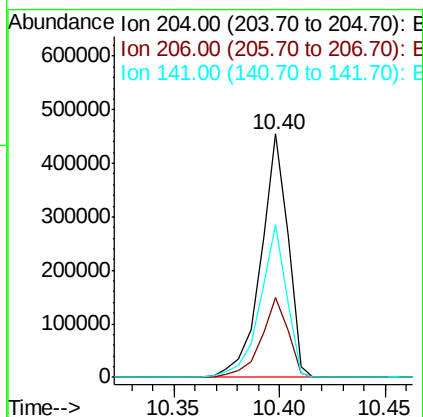
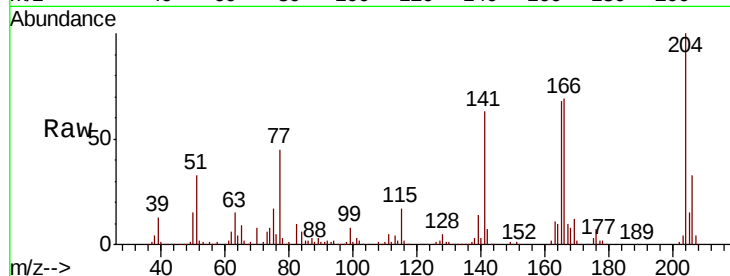




#61
 4-Chlorophenyl-phenylether
 Concen: 35.541 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

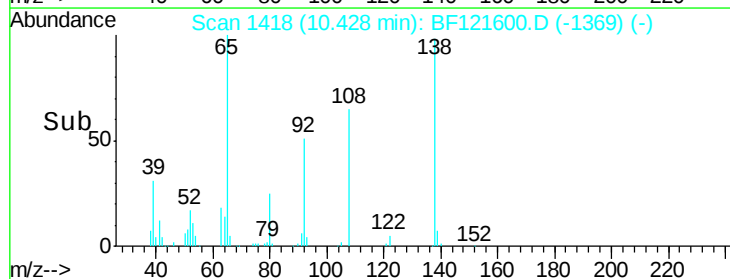
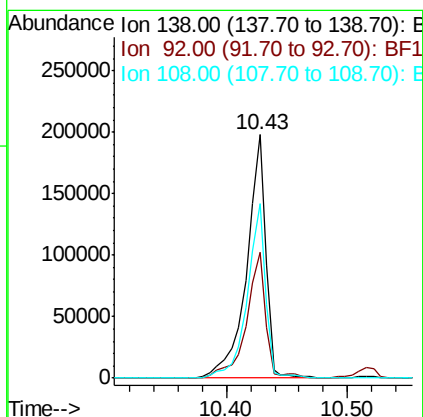
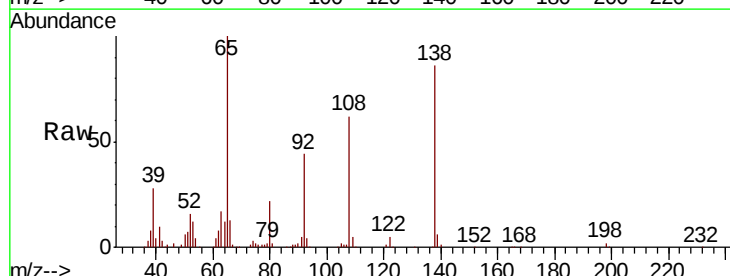
Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

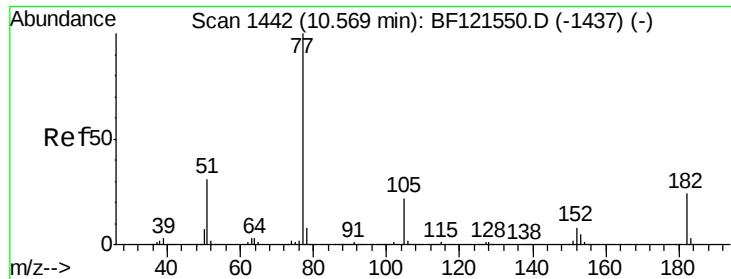
Tot Ion:	204	Resp:	405248
Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.4	39.6
141	62.6	48.3	72.5



#62
 4-Nitroaniline
 Concen: 34.396 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion:	138	Resp:	220460
Ion	Ratio	Lower	Upper
138	100		
92	51.7	31.4	71.4
108	71.6	52.4	92.4





#63

Azobenzene

Concen: 34.782 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB131684BS

Tot Ion: 77 Resp: 944934

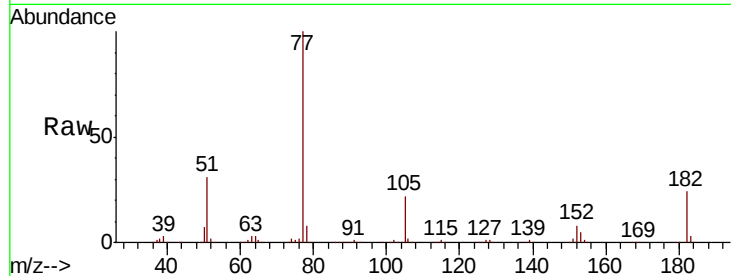
Ion Ratio Lower Upper

77 100

182 23.9 3.9 43.9

105 21.6 2.2 42.2

51 31.2 11.1 51.1

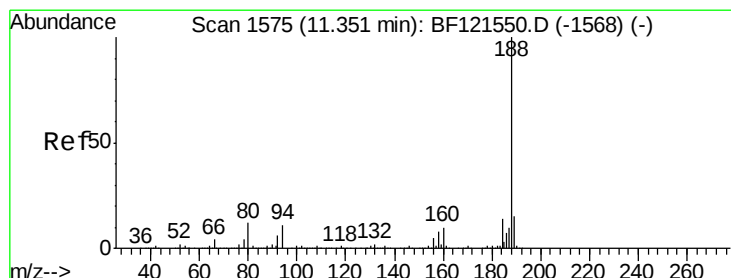
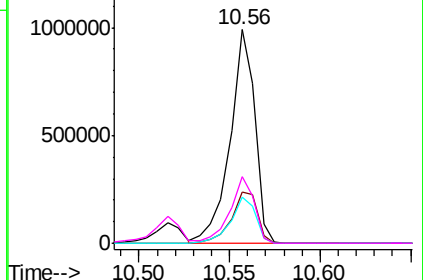
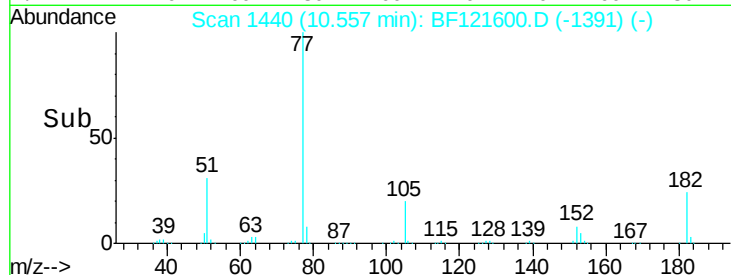


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

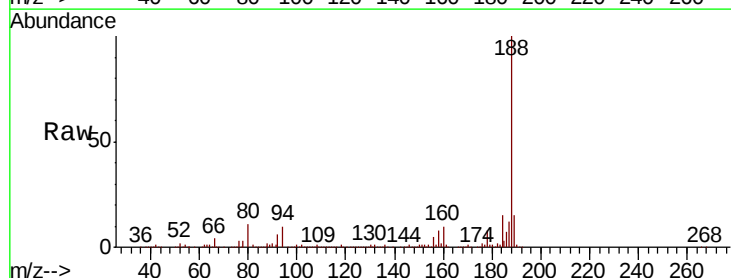
Tgt Ion: 188 Resp: 684992

Ion Ratio Lower Upper

188 100

94 10.0 8.7 13.1

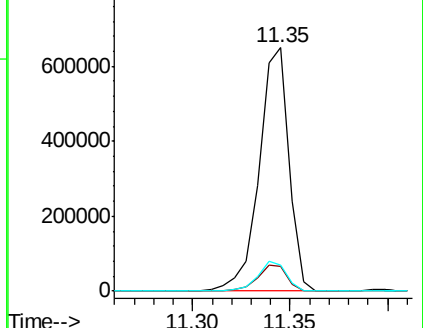
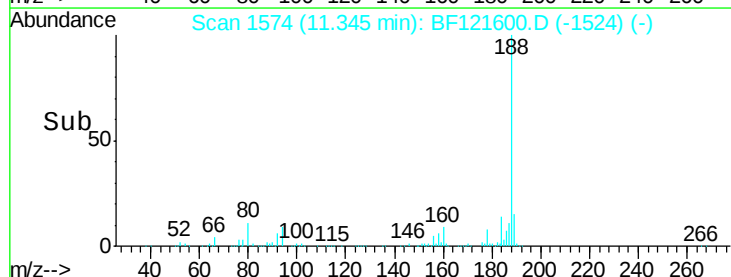
80 10.7 9.3 13.9

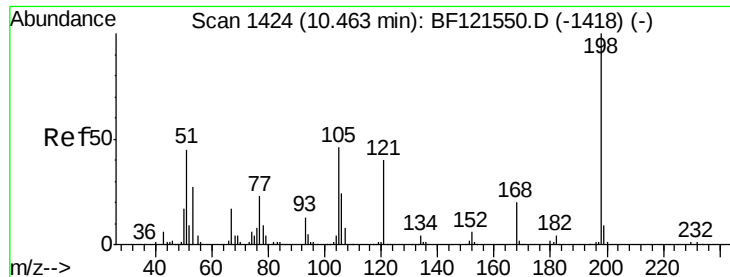


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

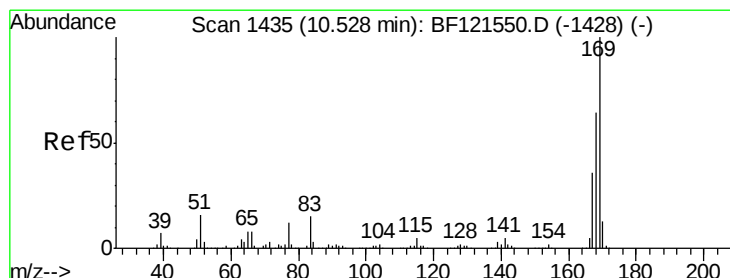
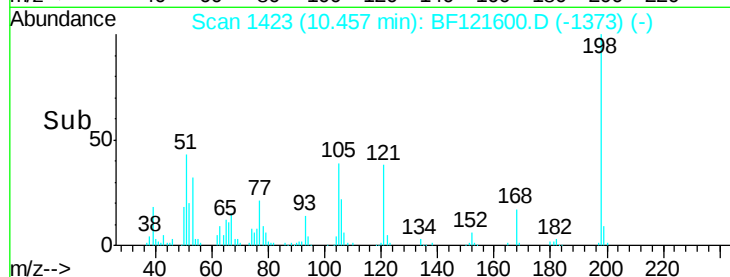
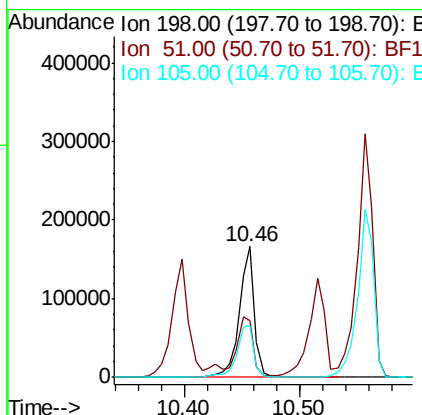
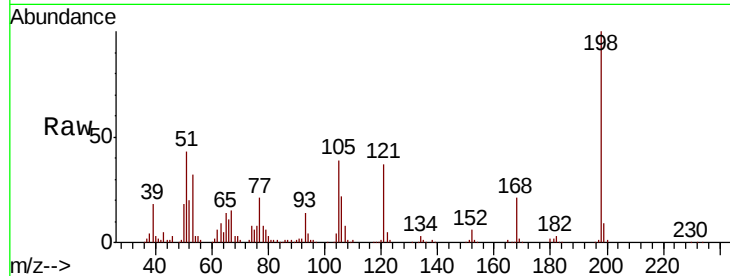




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.708 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

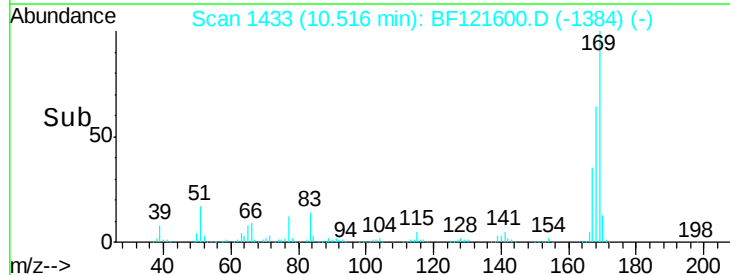
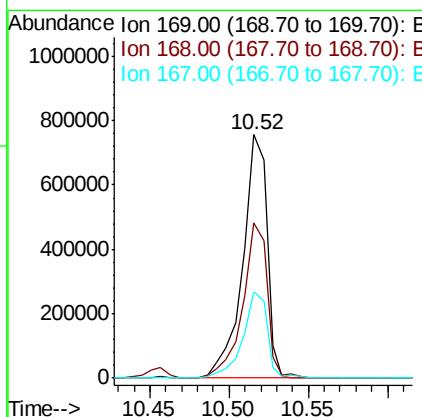
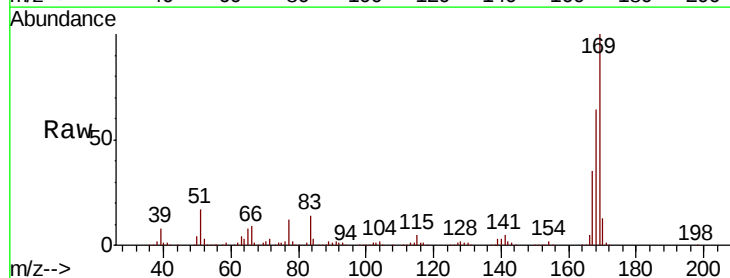
Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

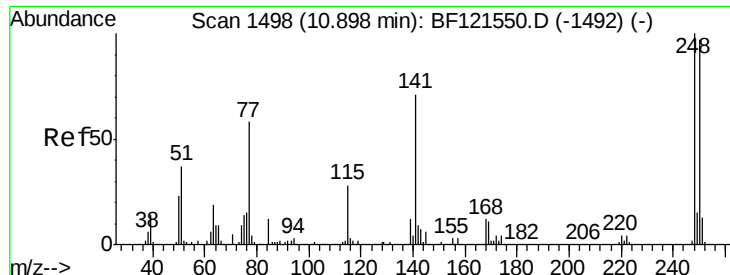
Tot Ion	Ratio	Lower	Upper
198	100		
51	43.3	31.1	71.1
105	39.2	26.6	66.6



#66
 n-Nitrosodiphenylamine
 Concen: 34.115 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.7	51.2	76.8
167	35.2	28.9	43.3

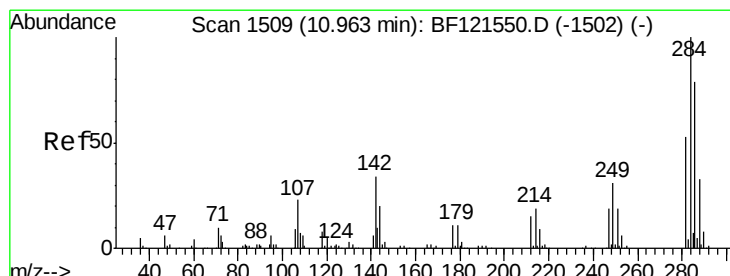
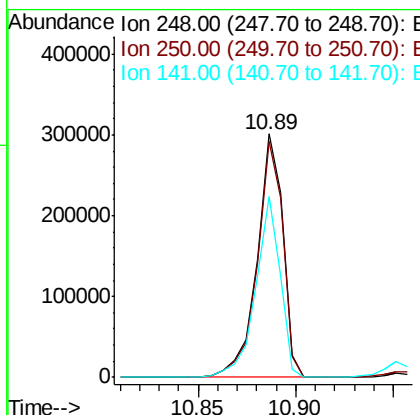
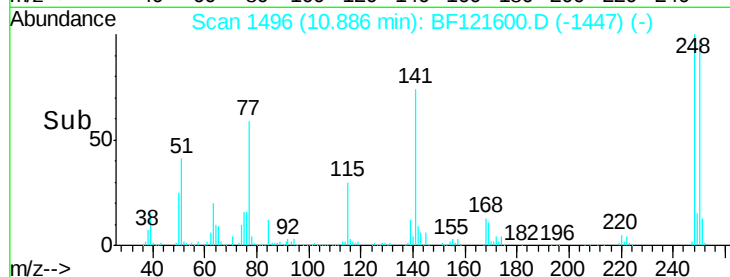
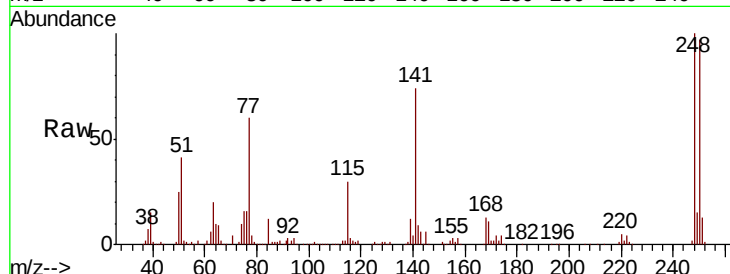




#67
 4-Bromophenyl-phenylether
 Concen: 35.444 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

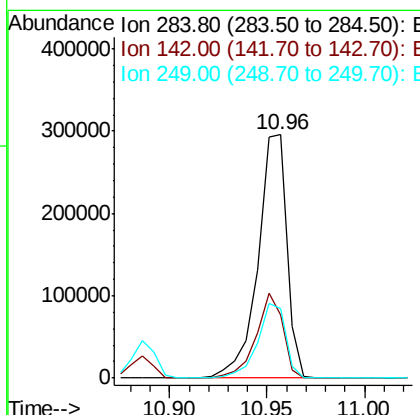
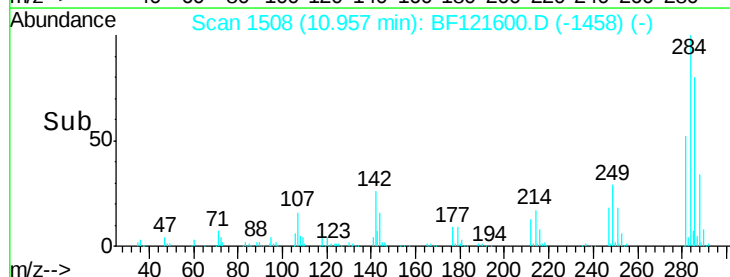
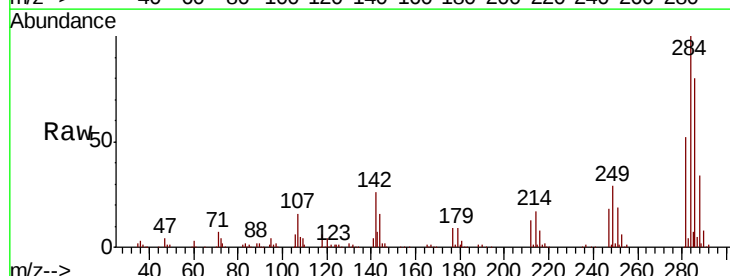
Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

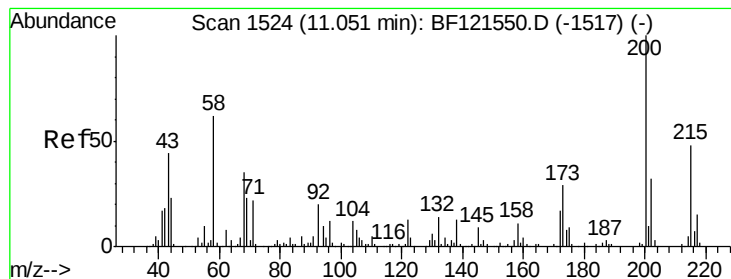
Tot Ion:248 Resp: 276422
 Ion Ratio Lower Upper
 248 100
 250 96.9 77.4 116.0
 141 74.5 56.7 85.1



#68
 Hexachlorobenzene
 Concen: 34.652 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion:284 Resp: 304987
 Ion Ratio Lower Upper
 284 100
 142 26.0 27.0 40.4#
 249 28.8 24.7 37.1





#69

Atrazine

Concen: 39.776 ng

RT: 11.05 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB131684BS

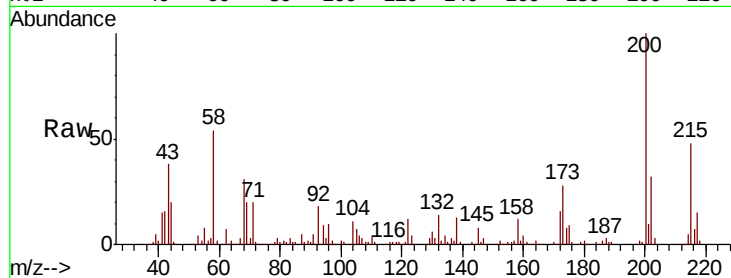
Tot Ion:200 Resp: 232234

Ion Ratio Lower Upper

200 100

173 27.6 8.5 48.5

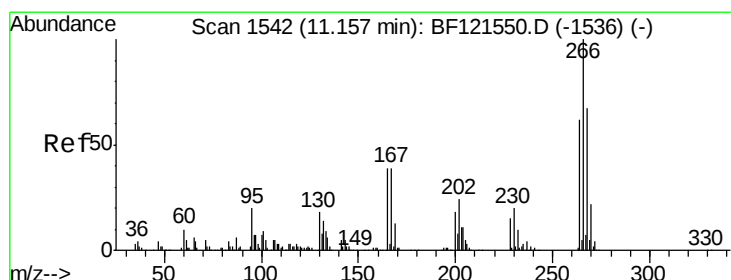
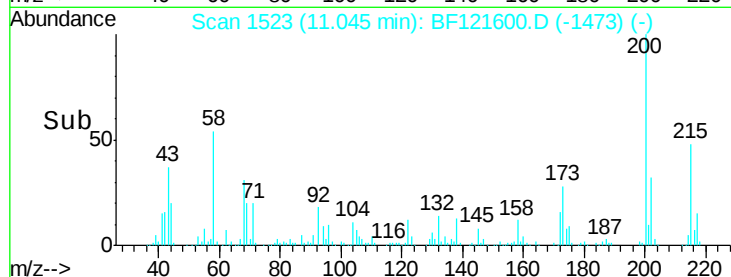
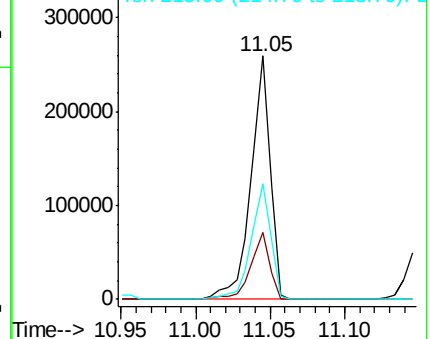
215 47.5 27.8 67.8



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: 70.622 ng

RT: 11.15 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

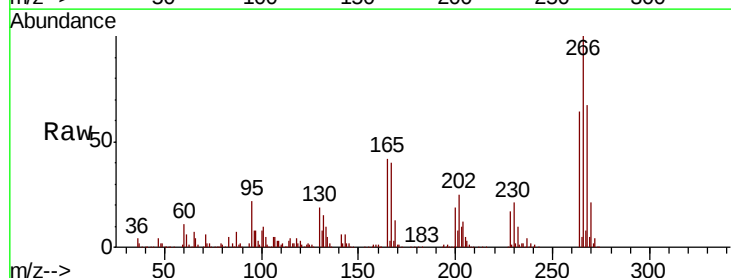
Tgt Ion:266 Resp: 341355

Ion Ratio Lower Upper

266 100

268 67.2 53.5 80.3

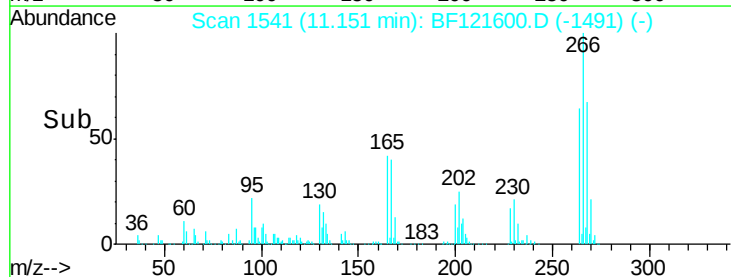
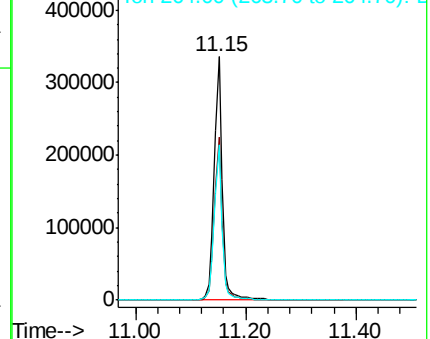
264 63.9 49.8 74.8

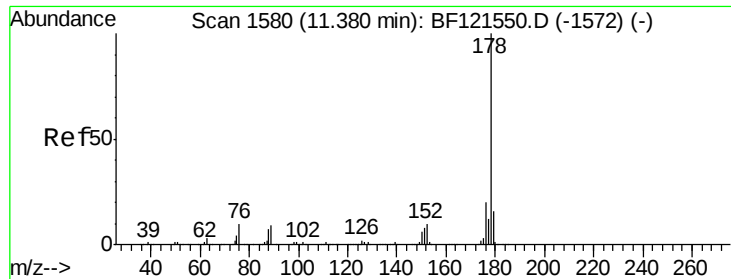


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

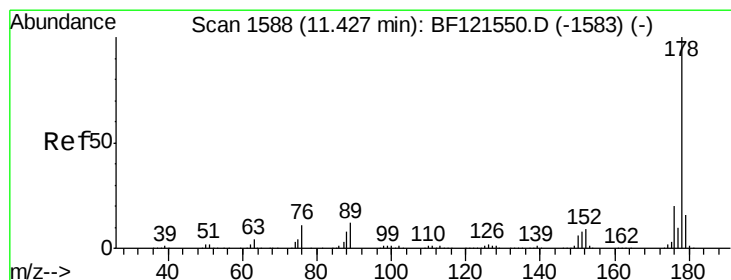
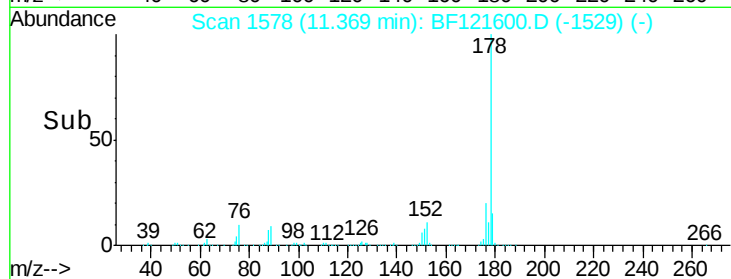
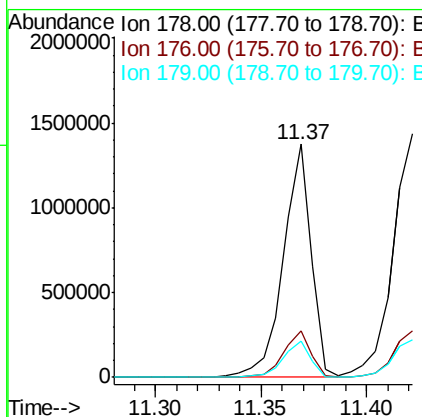
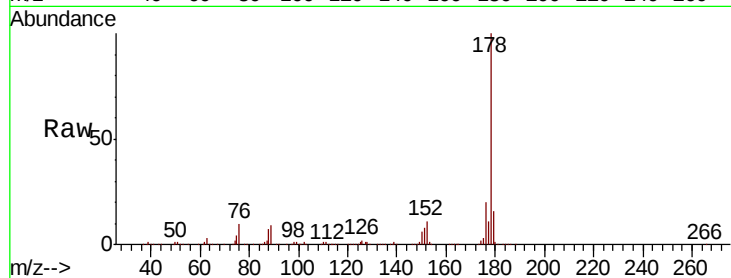




#71
Phenanthrene
Concen: 33.818 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

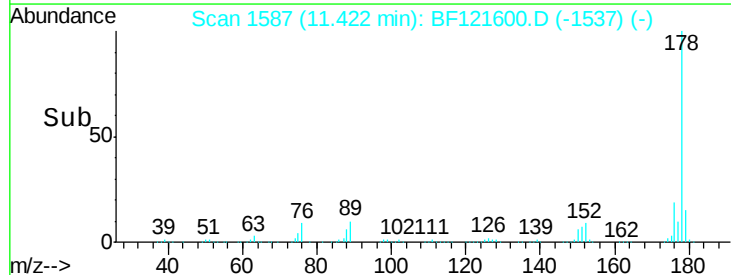
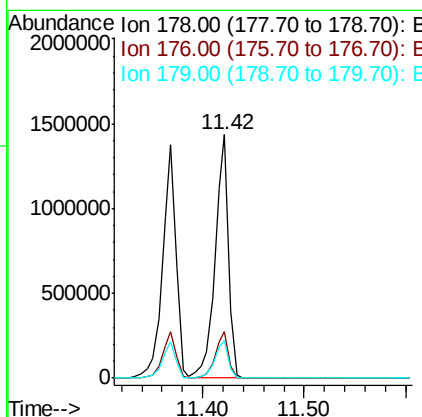
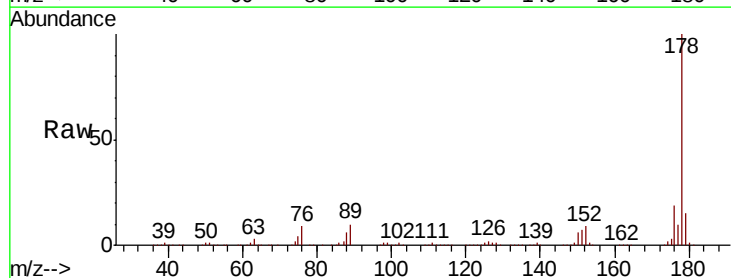
Instrument :
BNA_F
ClientSampleId :
PB131684BS

Tot Ion:178 Resp: 1262133
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.4
179 15.5 12.6 19.0



#72
Anthracene
Concen: 33.959 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion:178 Resp: 1307889
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 15.5 12.8 19.2

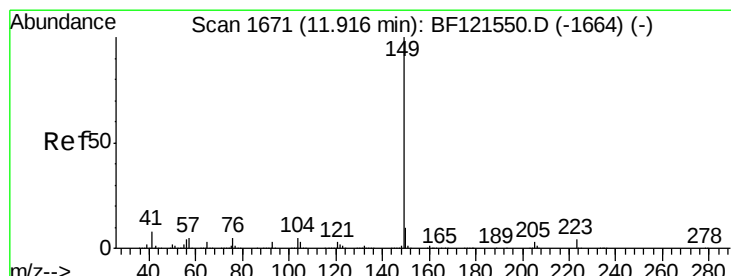
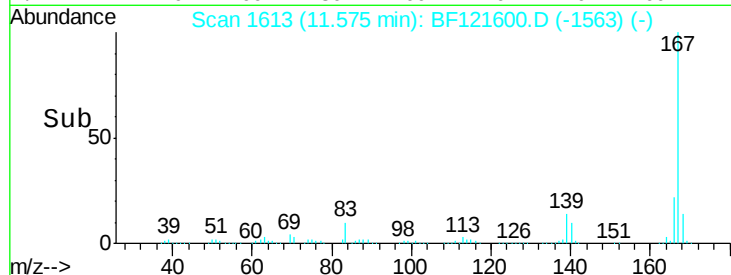
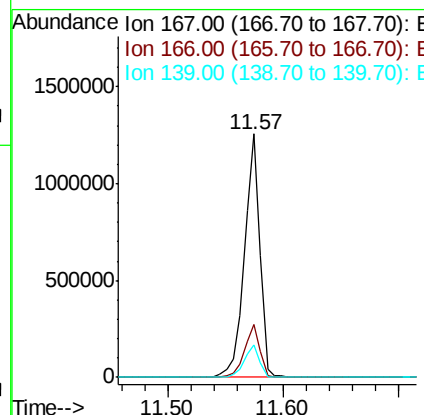
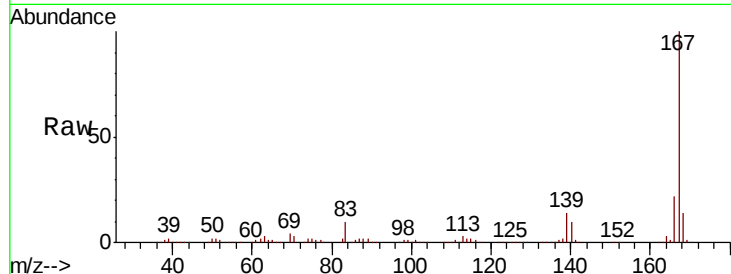




#73
 Carbazole
 Concen: 33.575 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

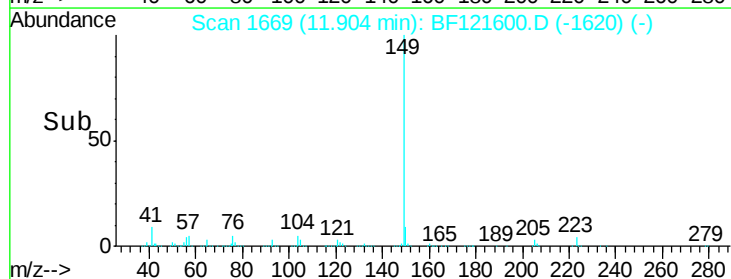
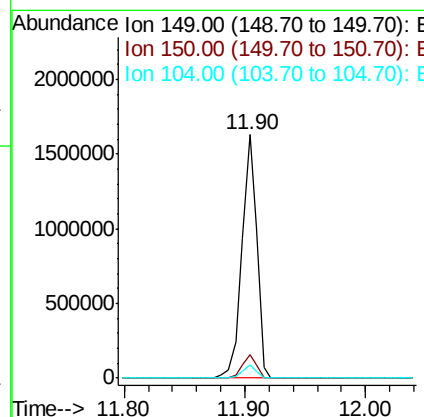
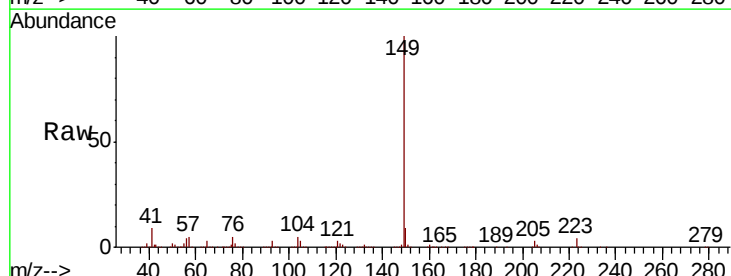
Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

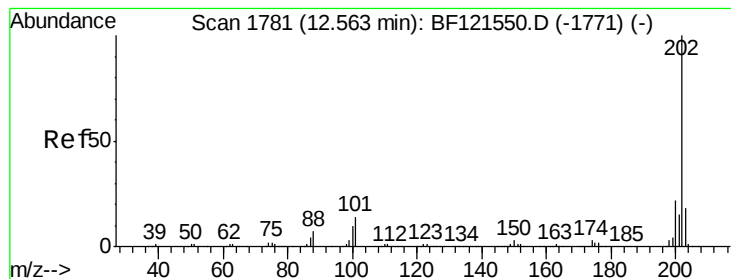
Tot Ion:167 Resp: 1166902
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.9 26.9
 139 13.5 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 35.032 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion:149 Resp: 1405252
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 5.3 4.2 6.4





#75

Fluoranthene

Concen: 34.192 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB131684BS

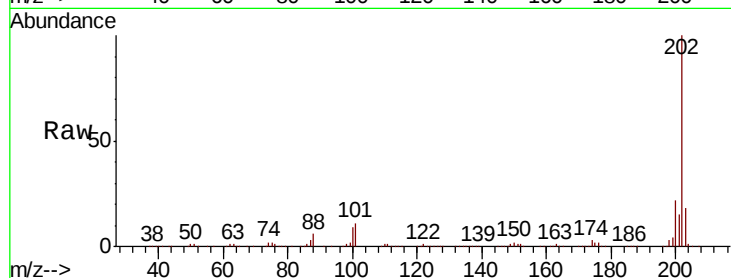
Tot Ion:202 Resp: 1362210

Ion Ratio Lower Upper

202 100

101 11.4 0.0 34.0

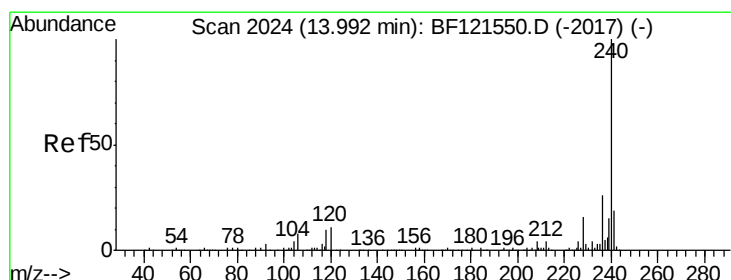
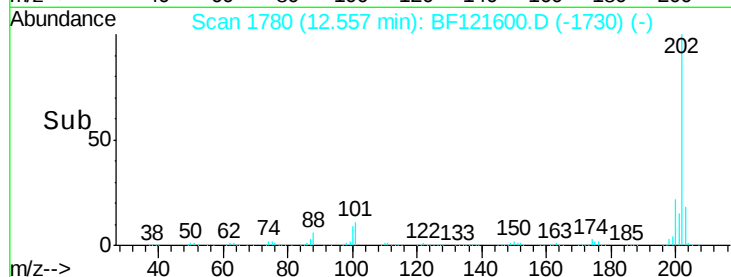
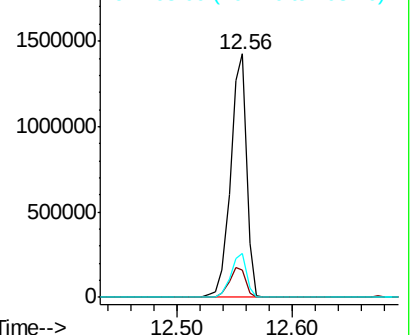
203 17.9 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

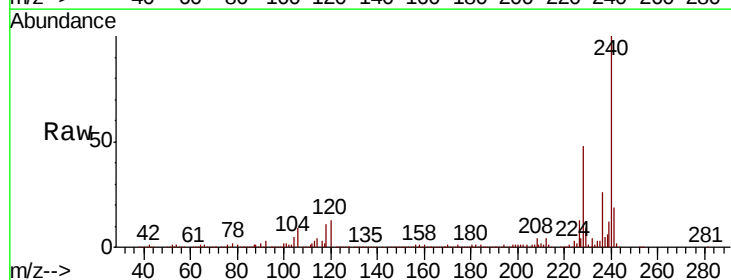
Tgt Ion:240 Resp: 567041

Ion Ratio Lower Upper

240 100

120 12.9 9.2 13.8

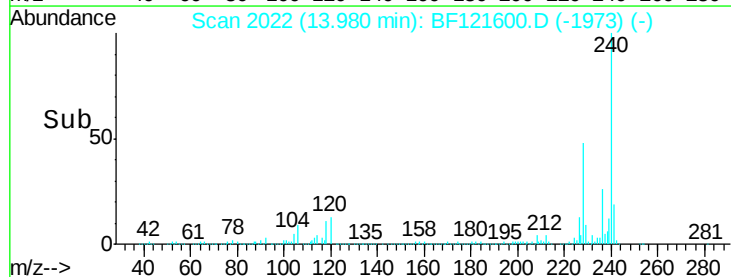
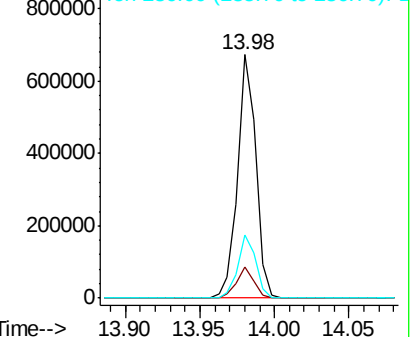
236 26.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.996 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB131684BS

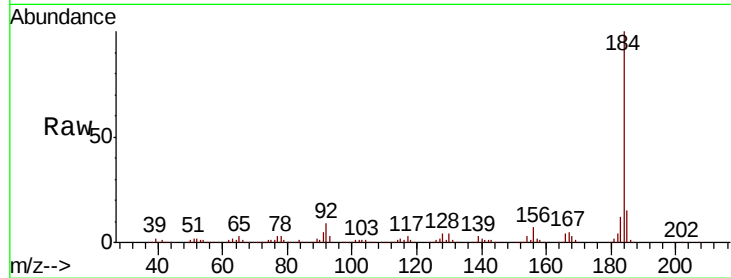
Tot Ion:184 Resp: 714262

Ion Ratio Lower Upper

184 100

185 15.1 12.0 18.0

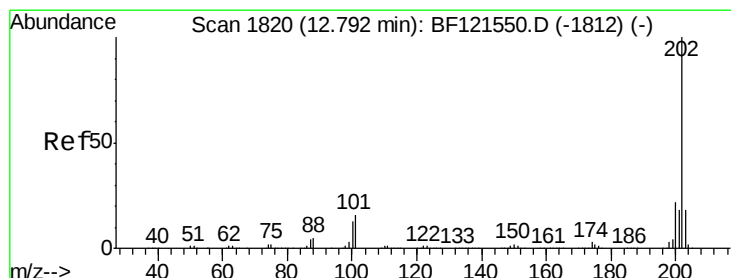
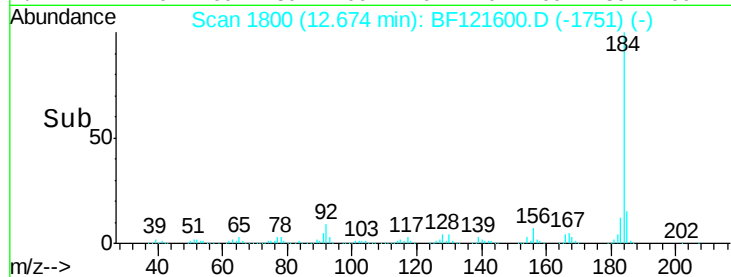
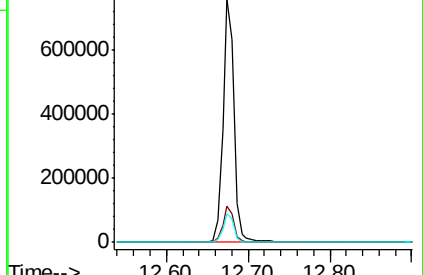
183 11.8 9.5 14.3



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: 33.709 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

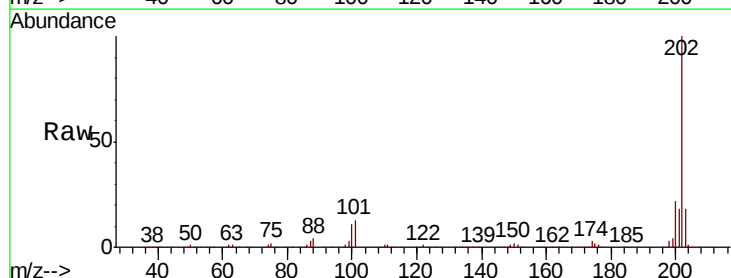
Tgt Ion:202 Resp: 1396568

Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.8

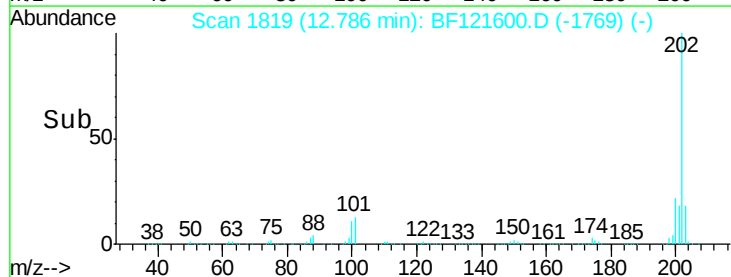
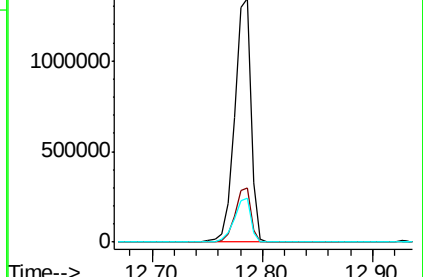
203 17.9 14.6 22.0



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

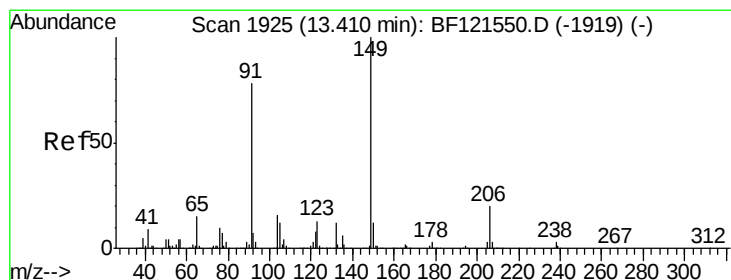
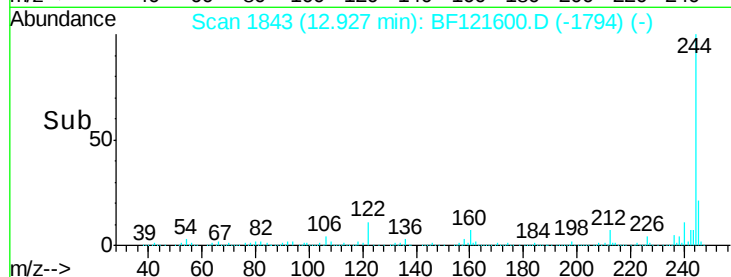
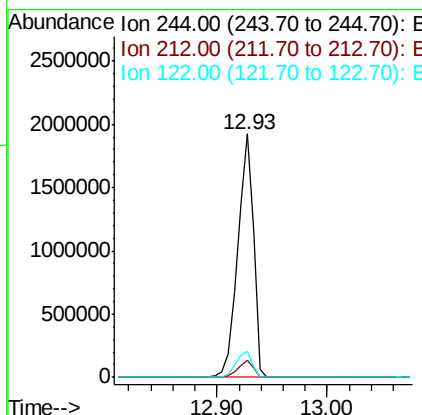
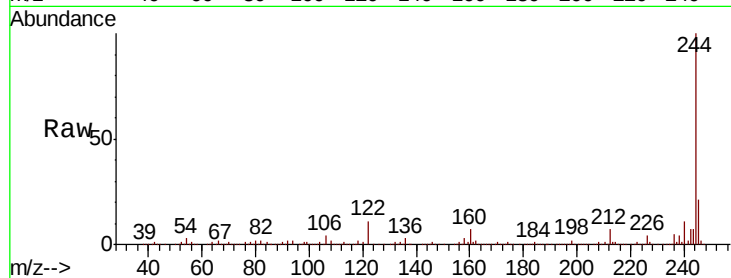




#79
 Terphenyl-d14
 Concen: 68.666 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

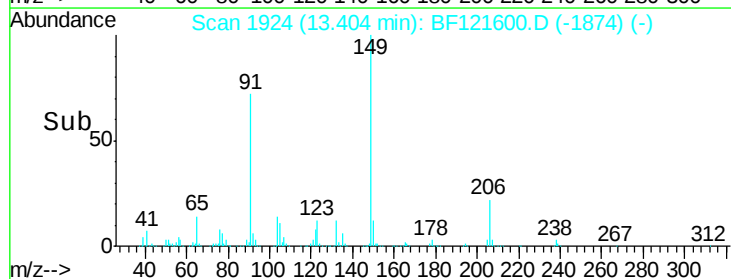
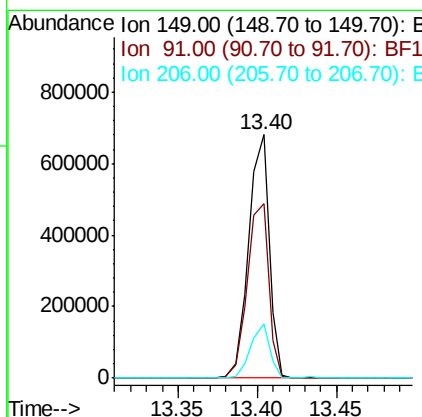
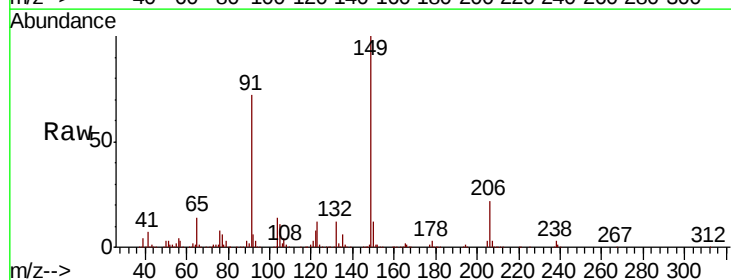
Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

Tot Ion:244 Resp: 1921941
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.9 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 36.666 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion:149 Resp: 614366
 Ion Ratio Lower Upper
 149 100
 91 71.6 62.6 94.0
 206 22.0 15.8 23.6





#81

Benzo(a)anthracene

Concen: 34.187 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB131684BS

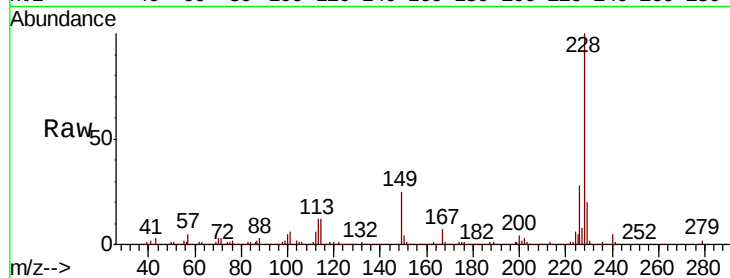
Tot Ion:228 Resp: 1226418

Ion Ratio Lower Upper

228 100

226 27.9 22.9 34.3

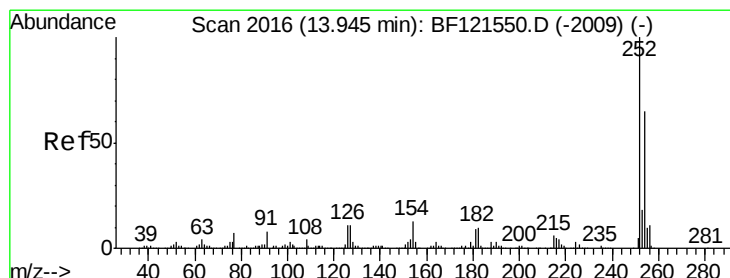
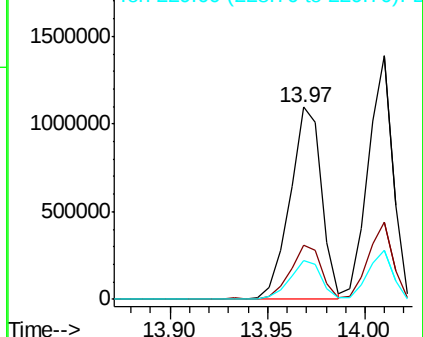
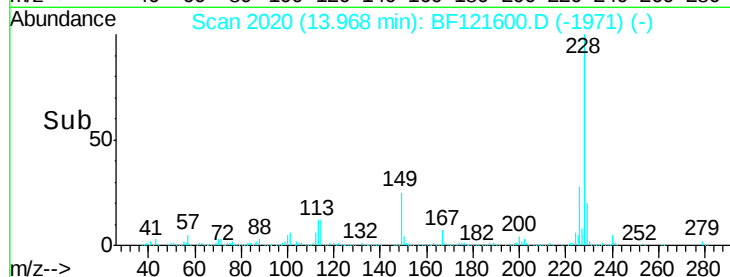
229 20.5 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.046 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

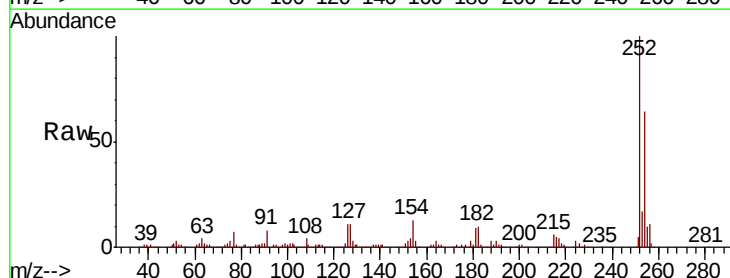
Tgt Ion:252 Resp: 364775

Ion Ratio Lower Upper

252 100

254 64.5 52.3 78.5

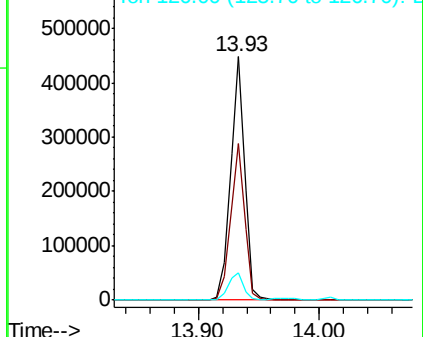
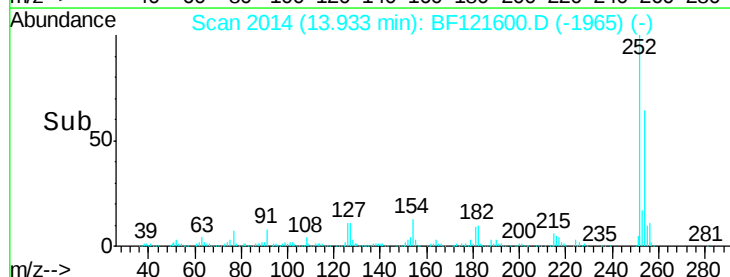
126 11.2 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

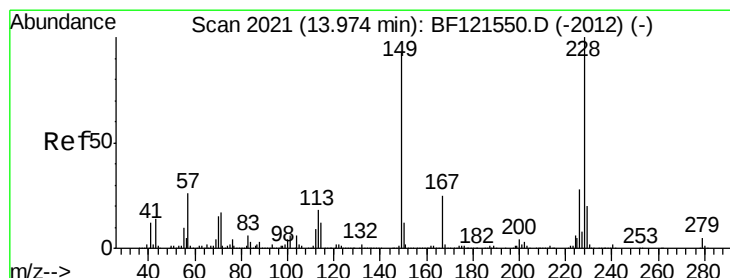
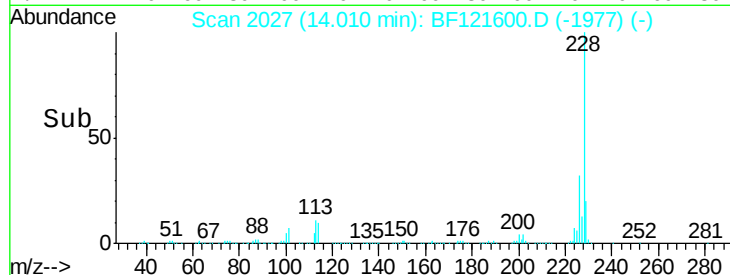
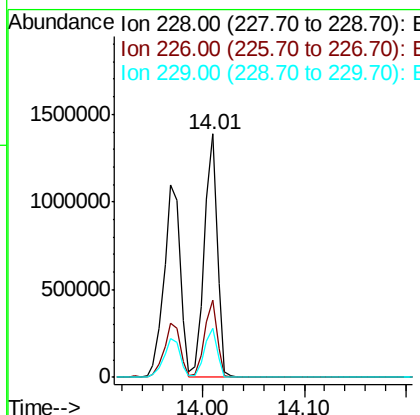
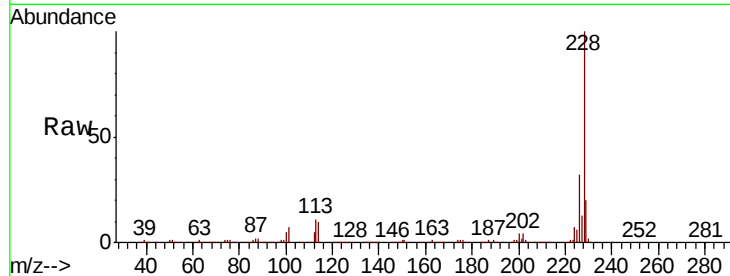




#83
 Chrvsene
 Concen: 33.645 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

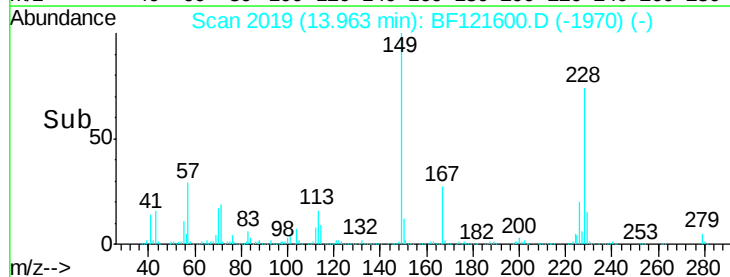
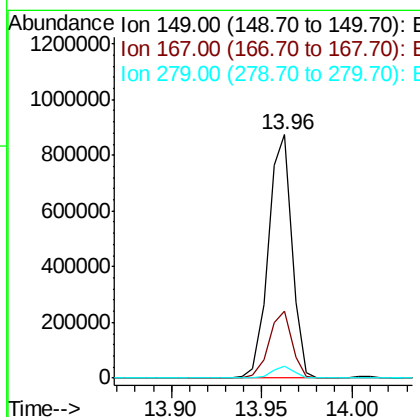
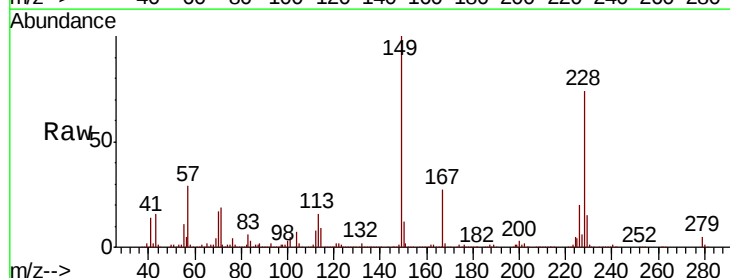
Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

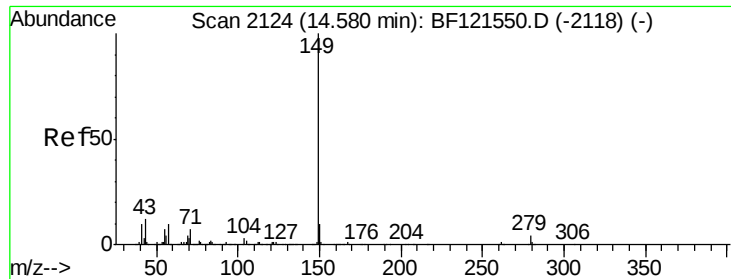
Tot Ion:228 Resp: 1222224
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.1 37.7
 229 20.2 16.6 25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.380 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion:149 Resp: 791944
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.6 32.4
 279 5.1 4.1 6.1

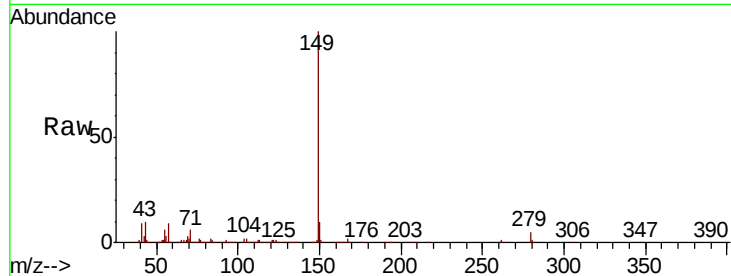




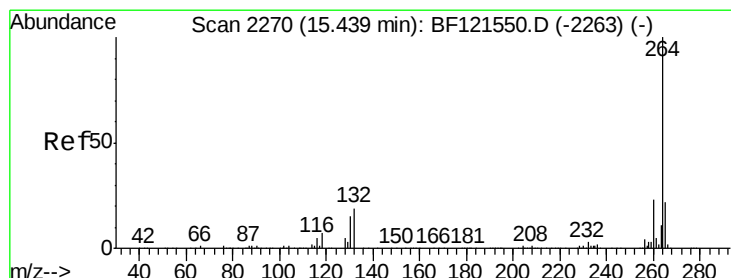
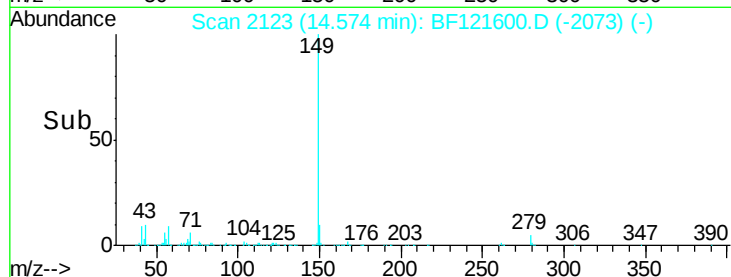
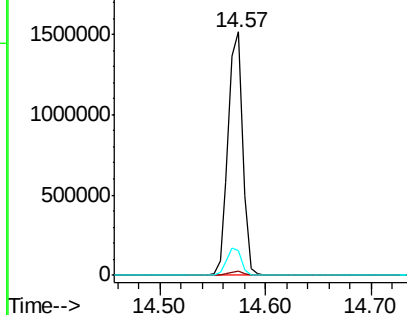
#85
Di-n-octyl phthalate
Concen: 36.789 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB131684BS

Tot Ion:149 Resp: 1453292
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.5 9.4 14.0

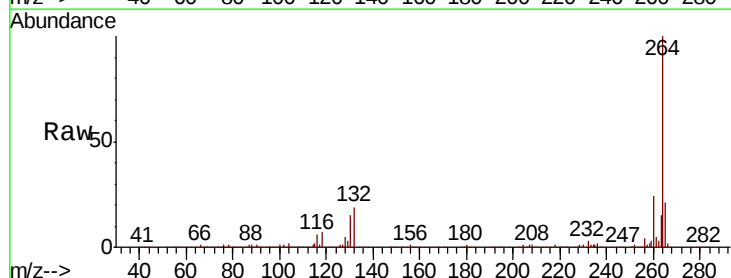


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

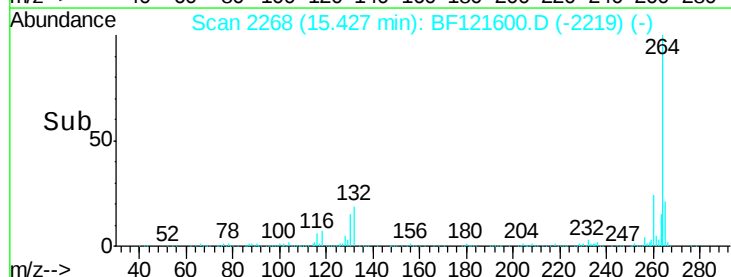
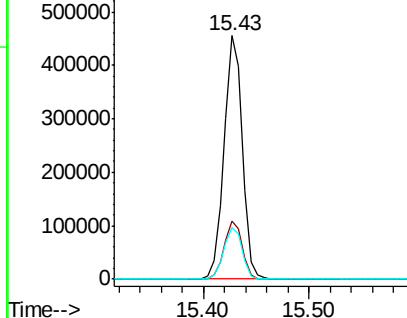


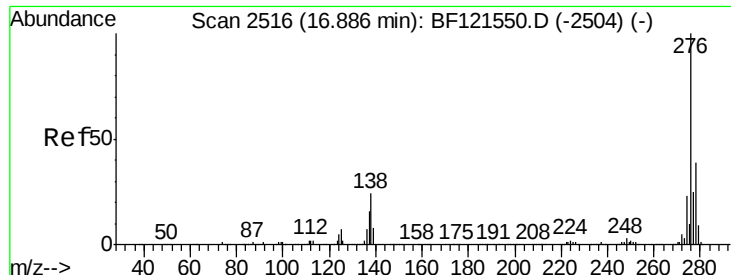
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion:264 Resp: 547245
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 21.3 17.8 26.6



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



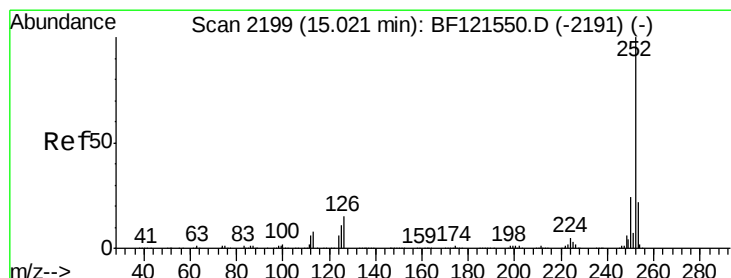
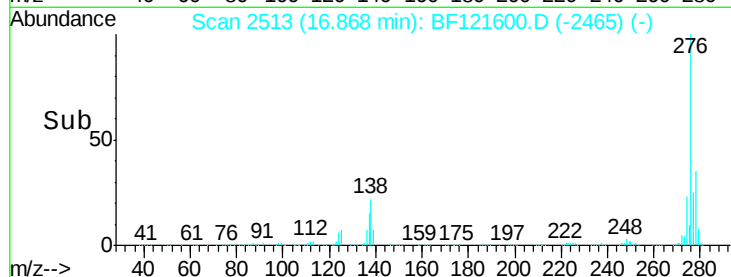
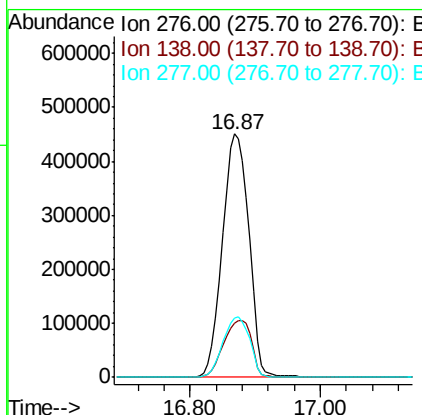
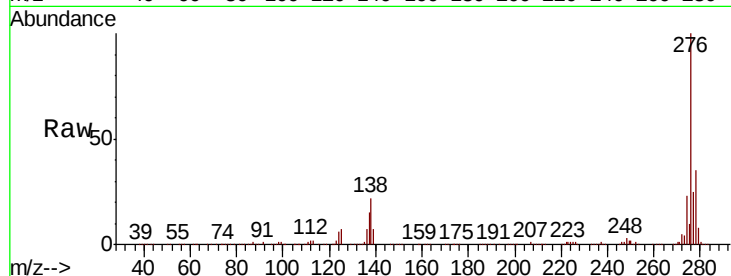


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.768 ng
 RT: 16.87 min Scan# 2513
 Delta R.T. -0.02 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

Tot Ion:276 Resp: 1274709

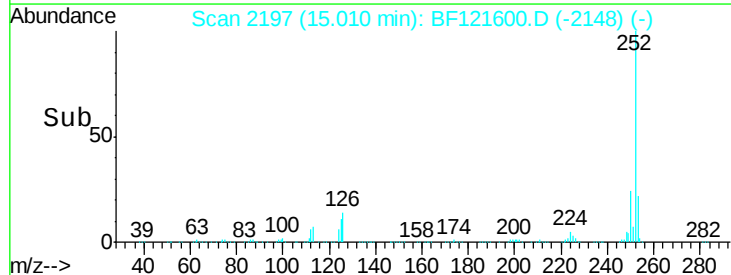
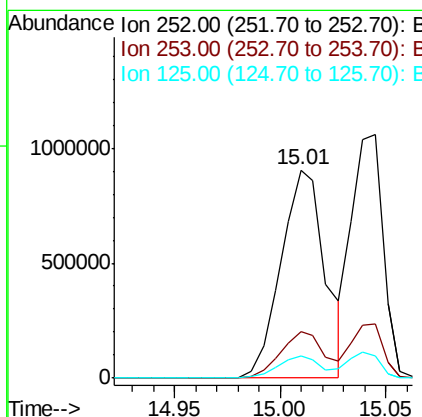
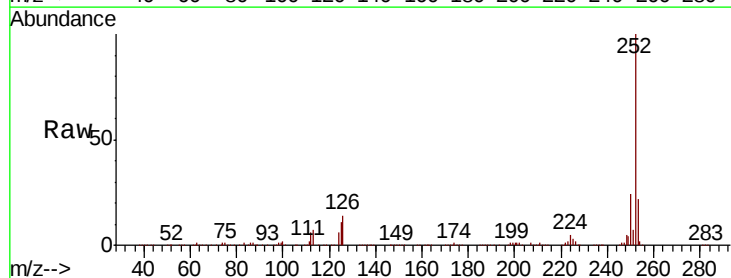
Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.6	31.0
277	25.4	20.2	30.4



#88
 Benzo(b)fluoranthene
 Concen: 36.205 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion:252 Resp: 1324505

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	10.8	9.2	13.8

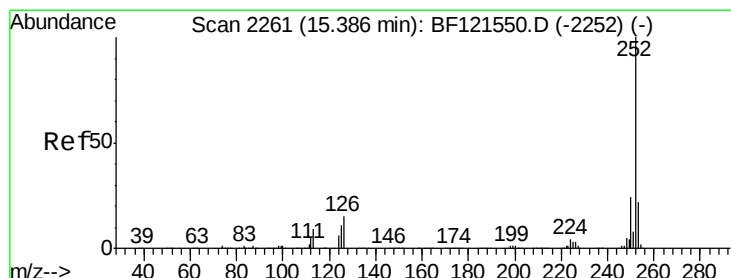
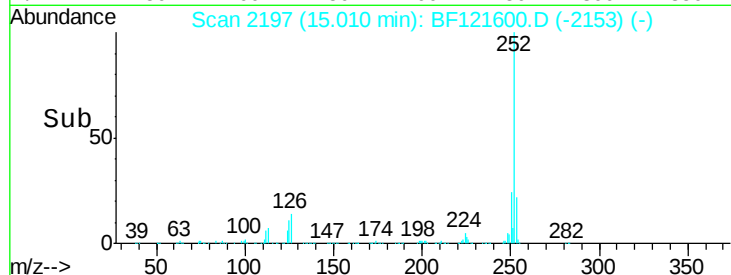
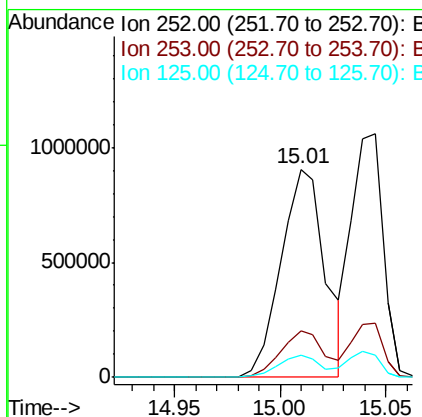
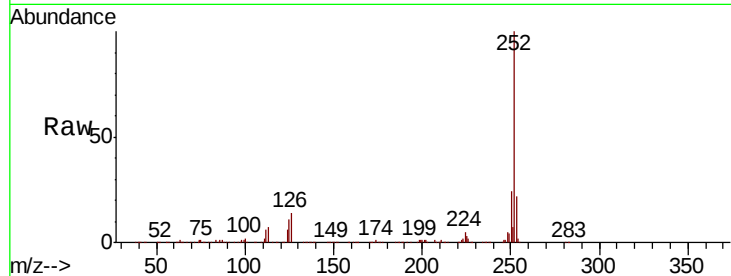




#89
Benzo(k)fluoranthene
Concen: 39.536 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.04 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

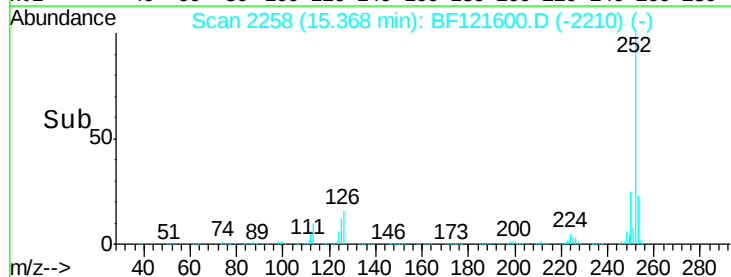
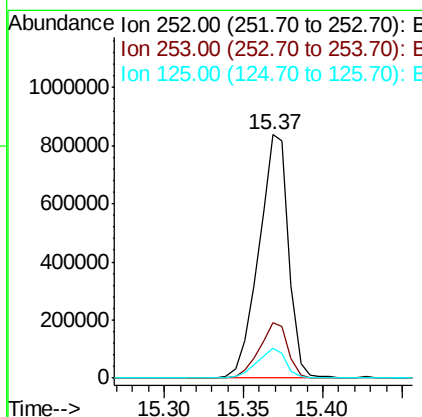
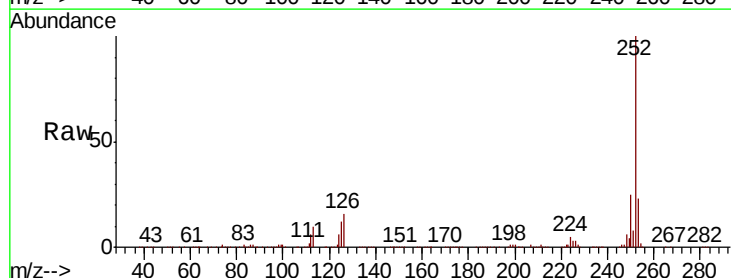
Instrument :
BNA_F
ClientSampleId :
PB131684BS

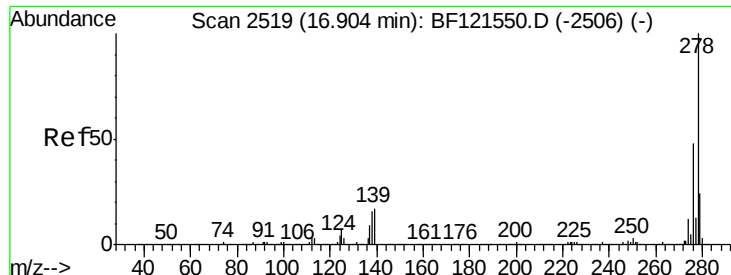
Tot Ion:252 Resp: 1324505
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.8 9.8 14.6



#90
Benzo(a)pyrene
Concen: 35.328 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion:252 Resp: 1098621
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 12.3 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 35.493 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

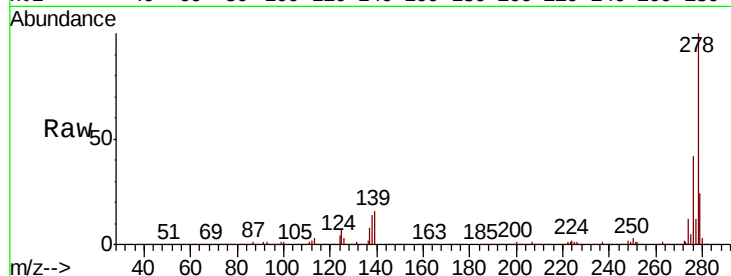
BNA_F

ClientSampleId :

PB131684BS

Tot Ion:278 Resp: 1052945

Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.9	20.9
279	24.1	19.2	28.8

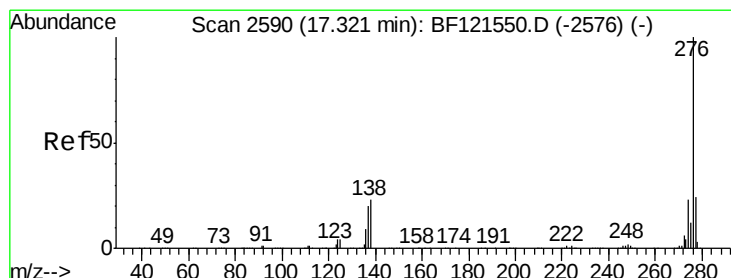
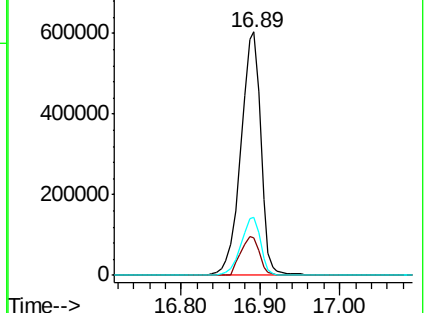
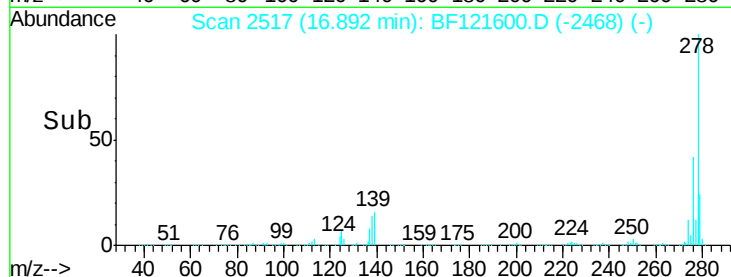


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 35.705 ng

RT: 17.30 min Scan# 2587

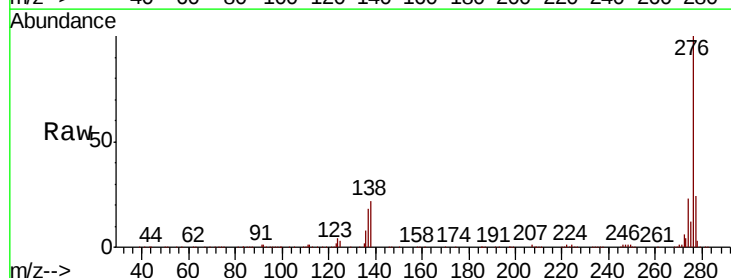
Delta R.T. -0.02 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Tgt Ion:276 Resp: 1041208

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.0
138	21.7	18.7	28.1



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

