

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092820\
 Data File : BF121702.D
 Acq On : 28 Sep 2020 9:27
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 28 12:20:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 11:40:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	160524	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	598488	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	309225	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	584632	20.00	ng	0.00
76) Chrysene-d12	13.96	240	455911	20.00	ng	0.00
86) Perylene-d12	15.39	264	406654	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	854465	79.11	ng	0.00
7) Phenol-d6	6.44	99	1122628	79.22	ng	0.00
23) Nitrobenzene-d5	7.37	82	935029	83.88	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	343558	89.39	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1612881	79.00	ng	0.00
79) Terphenyl-d14	12.90	244	1886119	83.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	190177	38.324	ng	100
3) Pyridine	3.25	79	542888	39.573	ng	100
4) n-Nitrosodimethylamine	3.21	42	252868	39.738	ng	100
6) Aniline	6.46	93	703928	38.140	ng	100
8) 2-Chlorophenol	6.59	128	435837	39.631	ng	100
9) Benzaldehyde	6.35	77	331768	35.813	ng	100
10) Phenol	6.45	94	576882	38.229	ng	100
11) bis(2-Chloroethyl)ether	6.54	93	451956	39.738	ng	100
12) 1,3-Dichlorobenzene	6.74	146	491337	40.028	ng	100
13) 1,4-Dichlorobenzene	6.82	146	495002	40.162	ng	100
14) 1,2-Dichlorobenzene	6.97	146	452801	39.880	ng	100
15) Benzyl Alcohol	6.95	79	393930	40.899	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.07	45	705330	38.538	ng	100
17) 2-Methylphenol	7.06	107	368721	39.404	ng	100
18) Hexachloroethane	7.31	117	181357	41.094	ng	100
19) n-Nitroso-di-n-propylamine	7.22	70	323433	39.602	ng	100
20) 3+4-Methylphenols	7.21	107	431638	38.393	ng	100
22) Acetophenone	7.21	105	597036	39.318	ng	100
24) Nitrobenzene	7.39	77	499058	41.396	ng	100
25) Isophorone	7.63	82	895035	39.888	ng	100
26) 2-Nitrophenol	7.70	139	236433	41.996	ng	100
27) 2,4-Dimethylphenol	7.74	122	389664	38.904	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	556197	40.040	ng	100
29) 2,4-Dichlorophenol	7.95	162	369214	40.472	ng	100
30) 1,2,4-Trichlorobenzene	8.02	180	392008	40.801	ng	100
31) Naphthalene	8.10	128	1258226	39.826	ng	100
32) Benzoic acid	7.88	122	253995	36.013	ng	100
33) 4-Chloroaniline	8.15	127	544412	39.753	ng	100
34) Hexachlorobutadiene	8.22	225	235531	41.764	ng	100
35) Caprolactam	8.54	113	124680	41.040	ng	100
36) 4-Chloro-3-methylphenol	8.64	107	400668	40.770	ng	100
37) 2-Methylnaphthalene	8.79	142	822255	39.714	ng	100
38) 1-Methylnaphthalene	8.89	142	764608	39.681	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	393022	40.689	ng	100

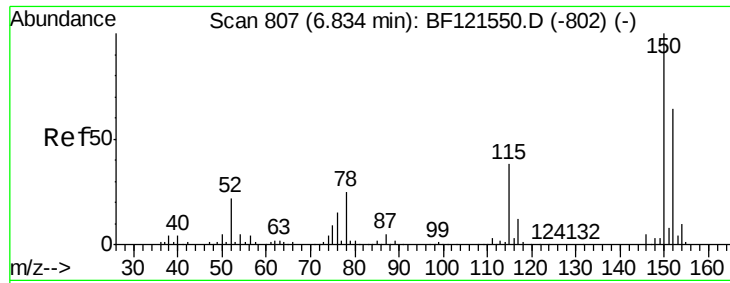
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092820\
 Data File : BF121702.D
 Acq On : 28 Sep 2020 9:27
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 QLast Update : Mon Sep 28 11:40:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	208606	37.818	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	267806	40.676	ng	100
44) 2,4,5-Trichlorophenol	9.12	196	282254	40.553	ng	100
46) 1,1'-Biphenyl	9.26	154	984366	39.764	ng	100
47) 2-Chloronaphthalene	9.28	162	782330	40.103	ng	100
48) 2-Nitroaniline	9.38	65	267923	44.196	ng	100
49) Acenaphthylene	9.70	152	1208584	40.322	ng	100
50) Dimethylphthalate	9.56	163	920017	41.050	ng	100
51) 2,6-Dinitrotoluene	9.62	165	207674	43.510	ng	100
52) Acenaphthene	9.87	154	704058	37.190	ng	100
53) 3-Nitroaniline	9.79	138	230911	41.762	ng	100
54) 2,4-Dinitrophenol	9.90	184	99740	41.180	ng	100
55) Dibenzofuran	10.04	168	1067962	40.058	ng	100
56) 4-Nitrophenol	9.96	139	176200	39.958	ng	100
57) 2,4-Dinitrotoluene	10.03	165	271934	45.286	ng	100
58) Fluorene	10.38	166	827874	40.606	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	234190	41.388	ng	100
60) Diethylphthalate	10.26	149	905703	41.448	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	404026	41.368	ng	100
62) 4-Nitroaniline	10.41	138	233856	42.596	ng	100
63) Azobenzene	10.53	77	943305	40.538	ng	100
65) 4,6-Dinitro-2-methylphenol	10.44	198	149096	42.479	ng	100
66) n-Nitrosodiphenylamine	10.49	169	795791	39.676	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	274959	41.308	ng	100
68) Hexachlorobenzene	10.93	284	312599	41.614	ng	100
69) Atrazine	11.02	200	207448	41.630	ng	100
70) Pentachlorophenol	11.13	266	159749	38.723	ng	100
71) Phenanthrene	11.34	178	1252892	39.333	ng	100
72) Anthracene	11.39	178	1303570	39.657	ng	100
73) Carbazole	11.55	167	1171641	39.498	ng	100
74) Di-n-butylphthalate	11.88	149	1406003	41.068	ng	100
75) Fluoranthene	12.53	202	1369016	40.262	ng	100
77) Benzidine	12.65	184	506879	33.536	ng	100
78) Pyrene	12.76	202	1405587	42.197	ng	100
80) Butylbenzylphthalate	13.37	149	593826	44.079	ng	100
81) Benzo(a)anthracene	13.94	228	1179079	40.879	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	469978	41.737	ng	100
83) Chrysene	13.99	228	1174398	40.209	ng	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	779168	43.294	ng	100
85) Di-n-octyl phthalate	14.54	149	1329631	41.863	ng	100
87) Indeno(1,2,3-cd)pyrene	16.83	276	1014880	38.323	ng	100
88) Benzo(b)fluoranthene	14.98	252	1160931	42.704	ng	100
89) Benzo(k)fluoranthene	15.02	252	983304	39.499	ng	100
90) Benzo(a)pyrene	15.34	252	946736	40.969	ng	100
91) Dibenzo(a,h)anthracene	16.84	278	837720	38.001	ng	100
92) Benzo(g,h,i)perylene	17.26	276	826958	38.162	ng	100

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

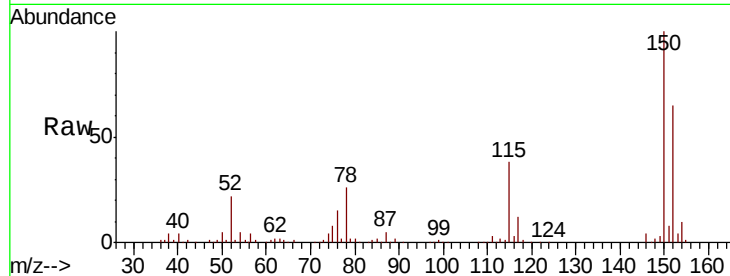


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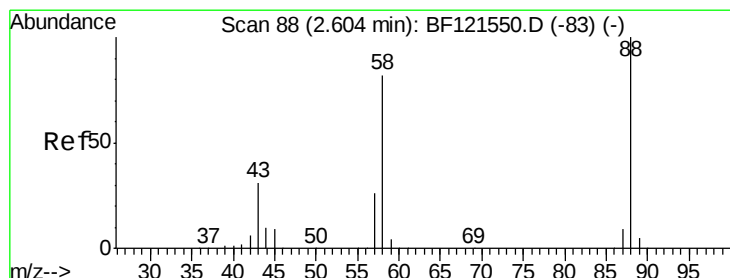
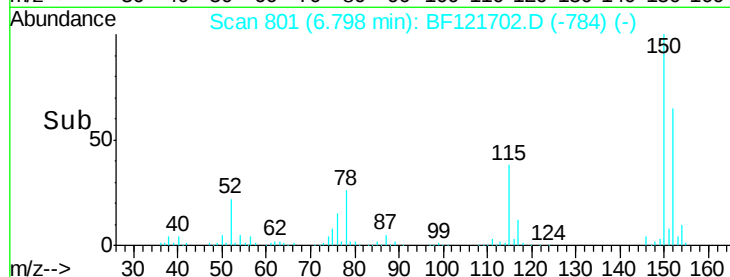
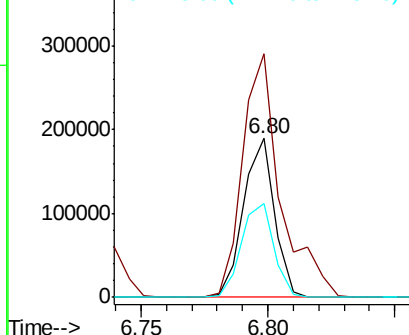
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF121702.D
Acq: 28 Sep 2020 9:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 160524
Ion Ratio Lower Upper
152 100
150 153.3 122.6 184.0
115 58.9 47.1 70.7



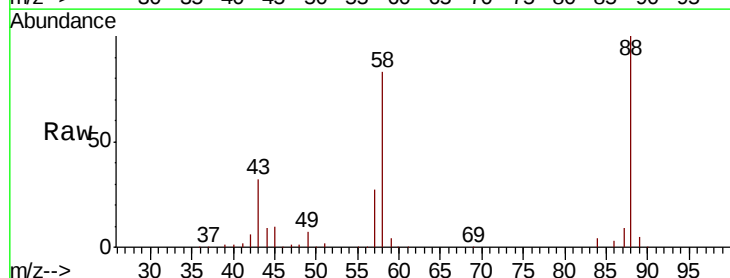
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



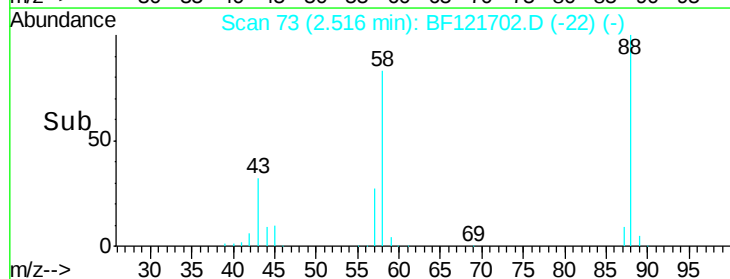
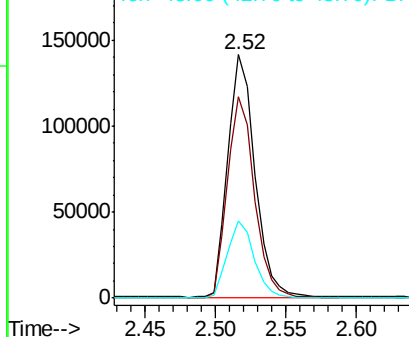
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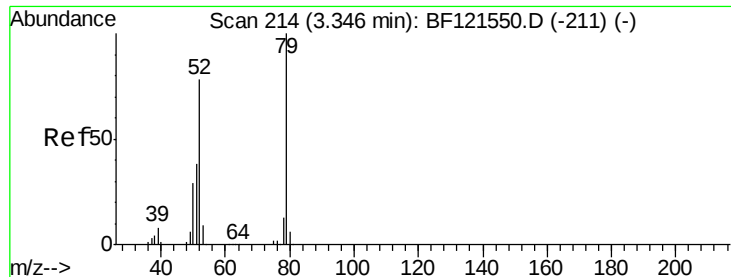
1,4-Dioxane
Concen: 38.324 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.00 min
Lab File: BF121702.D
Acq: 28 Sep 2020 9:27

Tgt Ion: 88 Resp: 190177
Ion Ratio Lower Upper
88 100
58 82.7 66.2 99.2
43 31.7 25.4 38.0



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

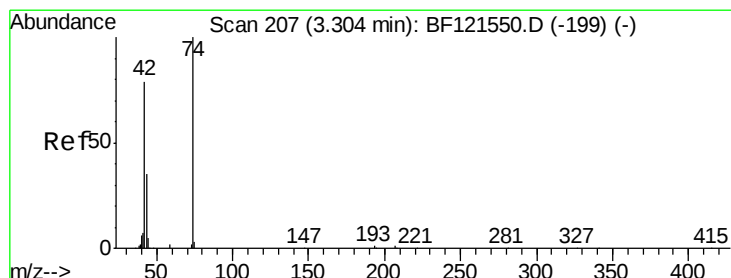
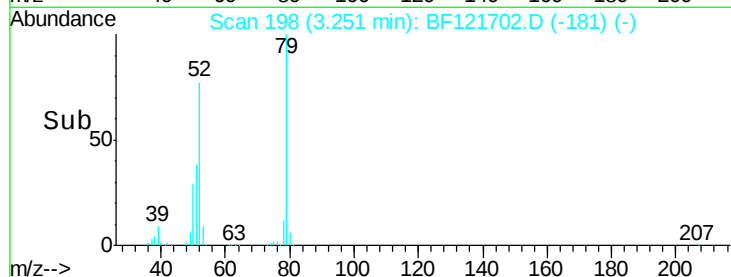
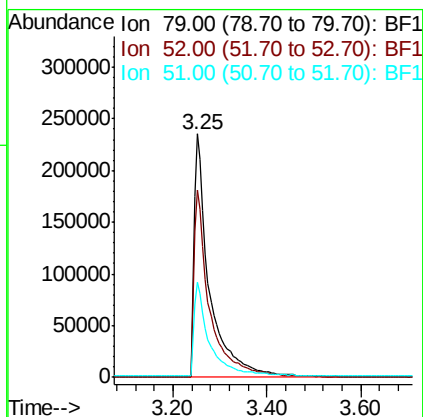
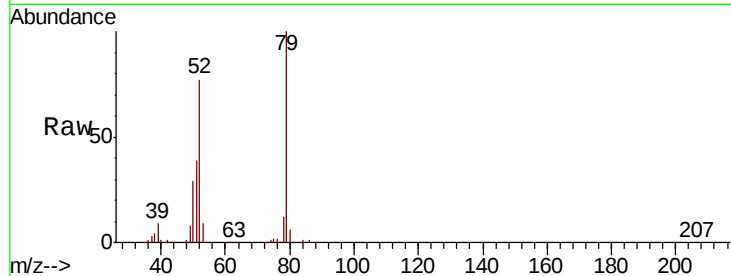




#3
 Pvridine
 Concen: 39.573 ng
 RT: 3.25 min Scan# 198
 Delta R.T. 0.00 min
 Lab File: BF121702.D
 Acq: 28 Sep 2020 9:27

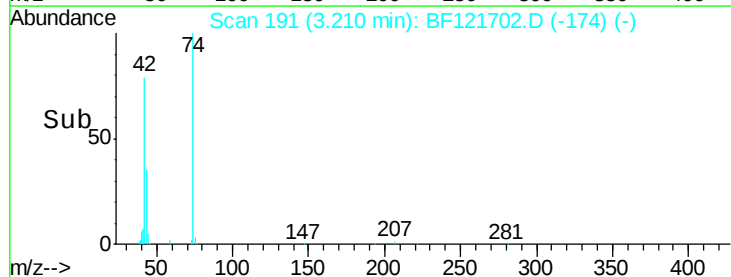
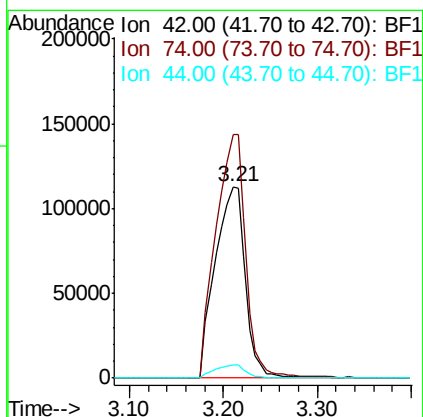
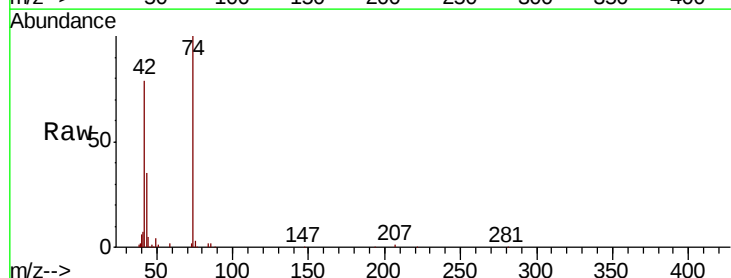
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

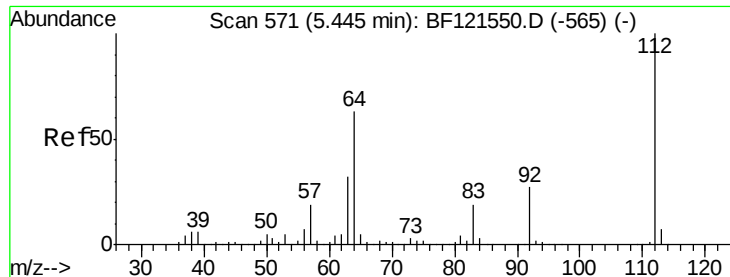
Tot Ion: 79 Resp: 542888
 Ion Ratio Lower Upper
 79 100
 52 77.0 61.6 92.4
 51 39.2 31.4 47.0



#4
 n-Nitrosodimethylamine
 Concen: 39.738 ng
 RT: 3.21 min Scan# 191
 Delta R.T. 0.00 min
 Lab File: BF121702.D
 Acq: 28 Sep 2020 9:27

Tgt Ion: 42 Resp: 252868
 Ion Ratio Lower Upper
 42 100
 74 127.2 101.8 152.6
 44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 79.106 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

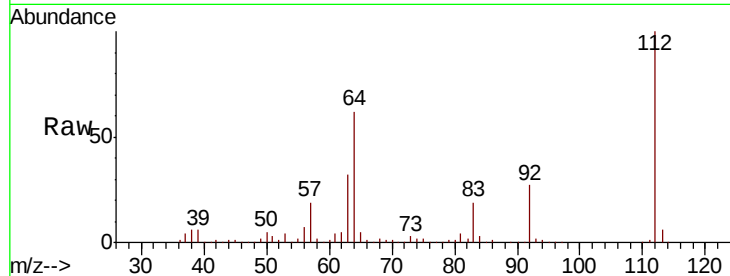
Tot Ion:112 Resp: 854465

Ion Ratio Lower Upper

112 100

64 61.9 49.5 74.3

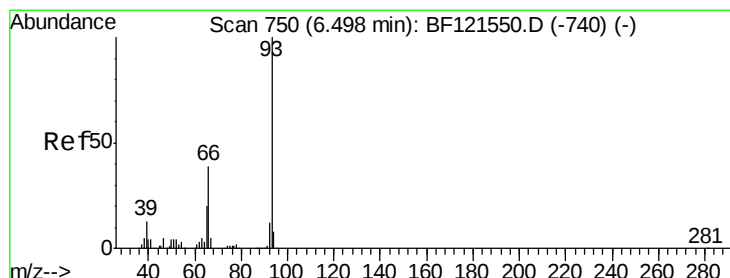
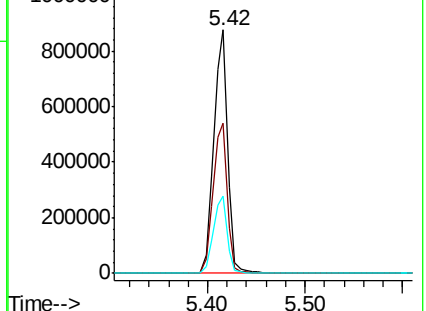
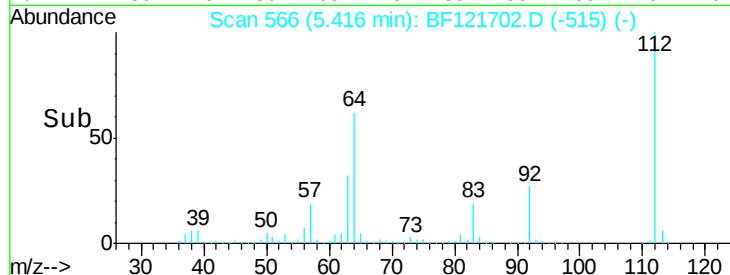
63 31.7 25.4 38.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.140 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

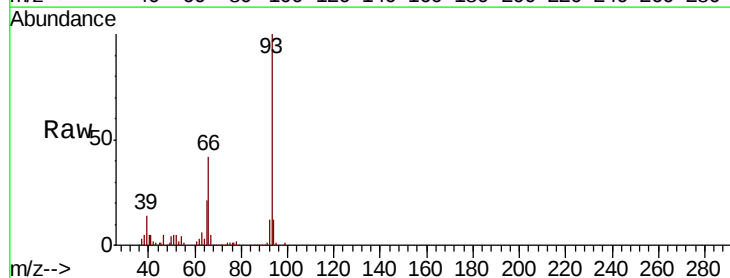
Tgt Ion: 93 Resp: 703928

Ion Ratio Lower Upper

93 100

66 42.1 33.7 50.5

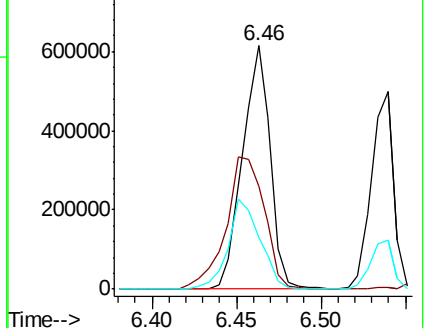
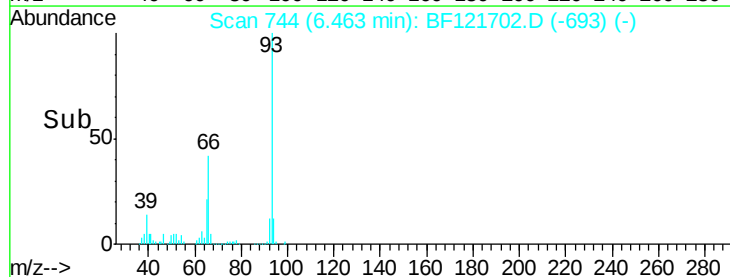
65 21.3 17.0 25.6

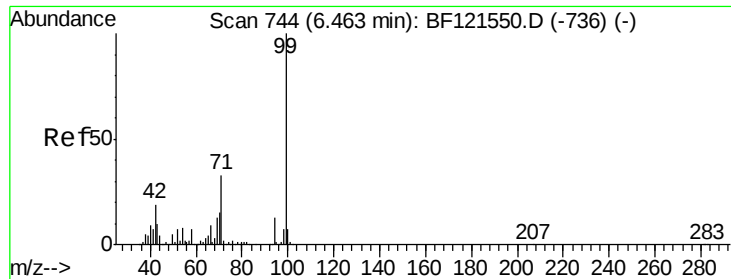


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.220 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

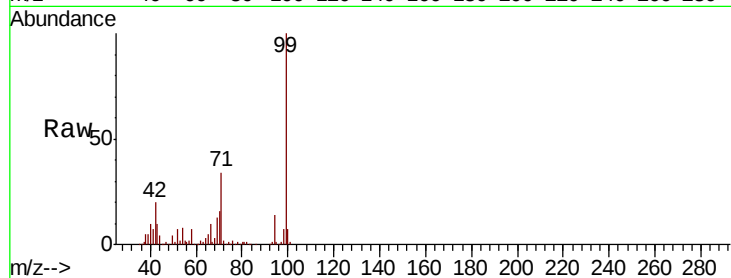
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1122628

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.1	24.1
71	34.5	27.6	41.4

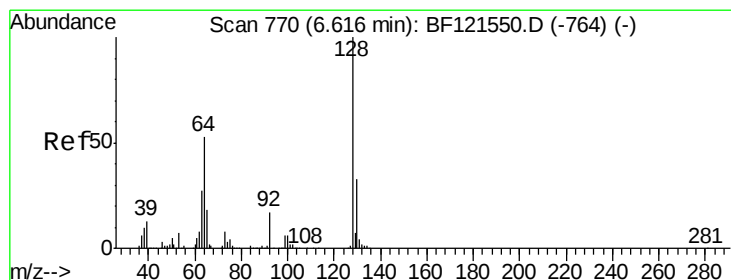
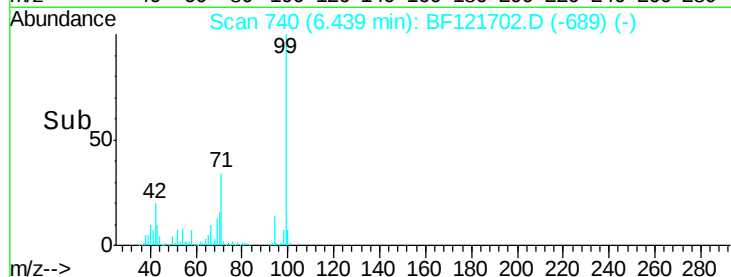
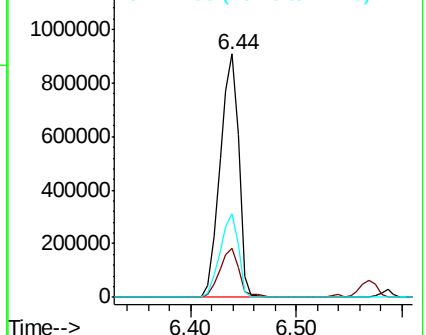


Abundance

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: 39.631 ng

RT: 6.59 min Scan# 765

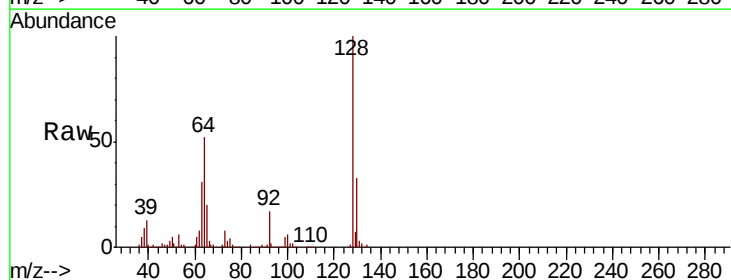
Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Tgt Ion: 128 Resp: 435837

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	51.7	31.7	71.7

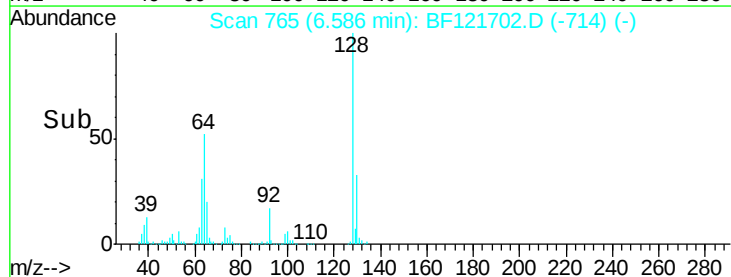
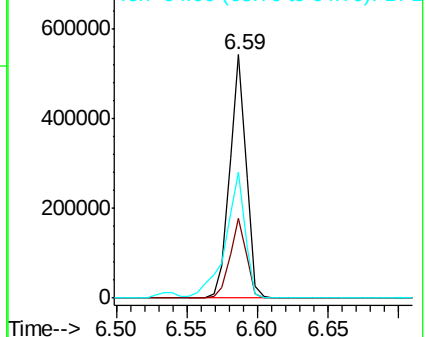


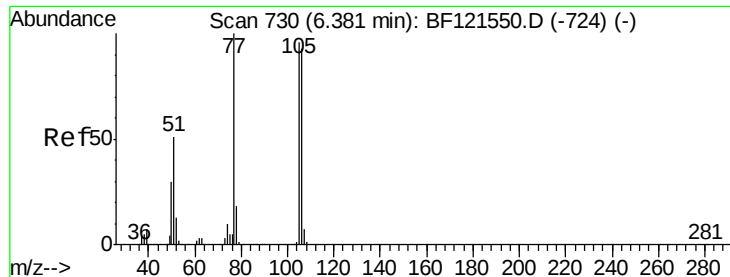
Abundance

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: 35.813 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

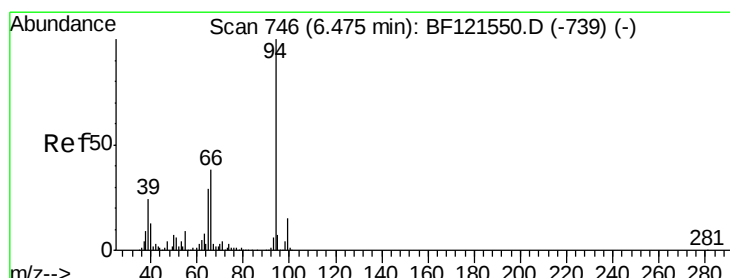
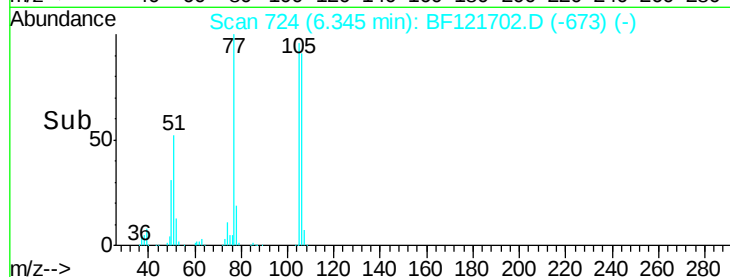
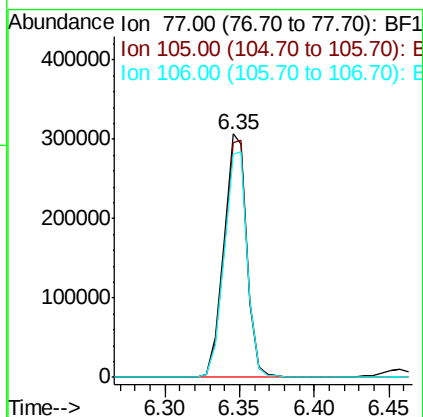
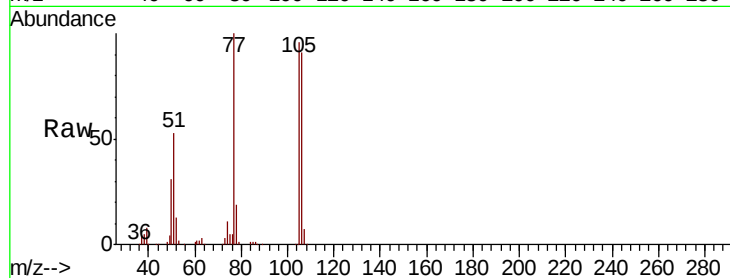
Tot Ion: 77 Resp: 331768

Ion Ratio Lower Upper

77 100

105 96.5 76.5 116.5

106 91.5 71.5 111.5



#10

Phenol

Concen: 38.229 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

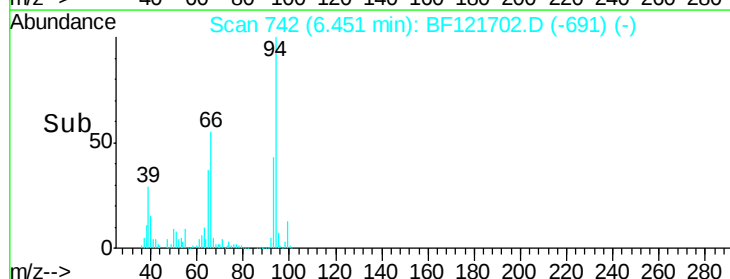
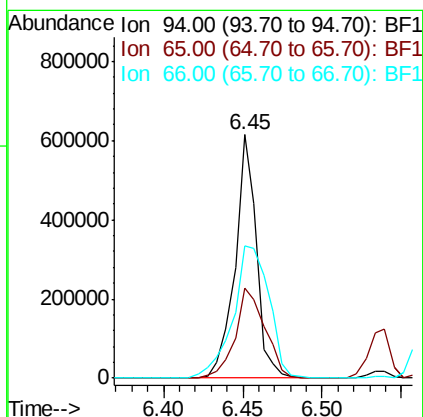
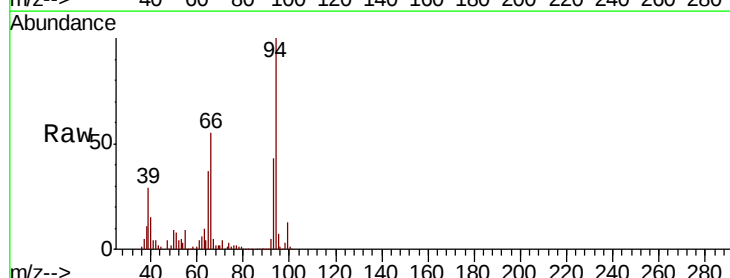
Tgt Ion: 94 Resp: 576882

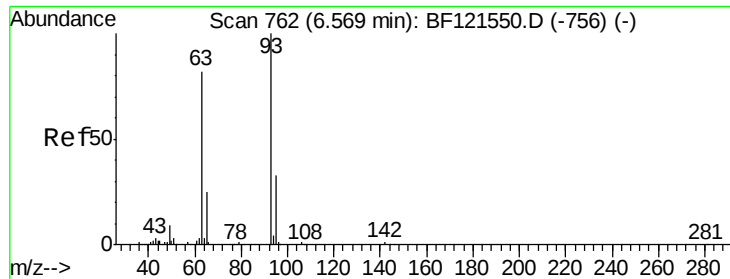
Ion Ratio Lower Upper

94 100

65 36.8 16.8 56.8

66 54.5 34.5 74.5

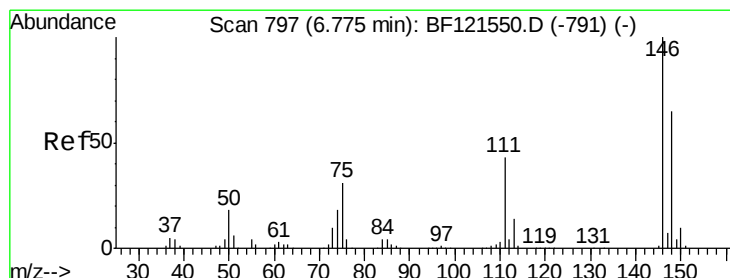
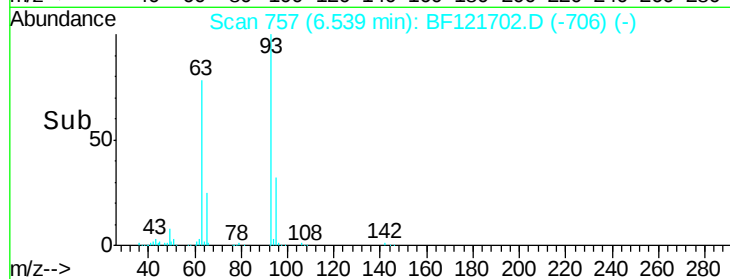
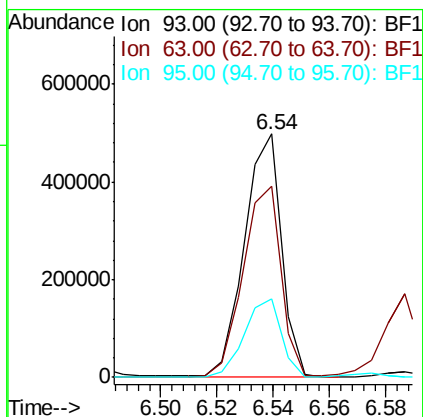
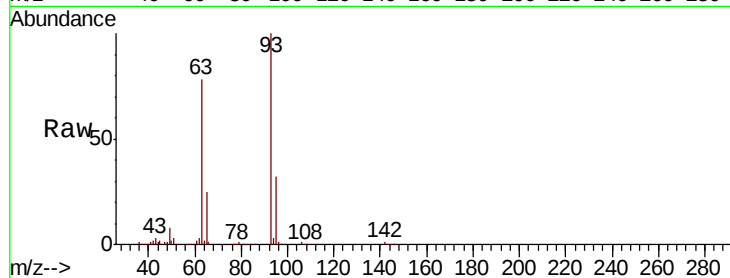




#11
bis(2-Chloroethyl)ether
Concen: 39.738 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF121702.D
Acq: 28 Sep 2020 9:27

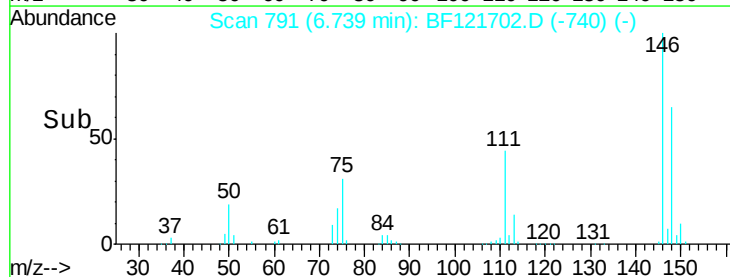
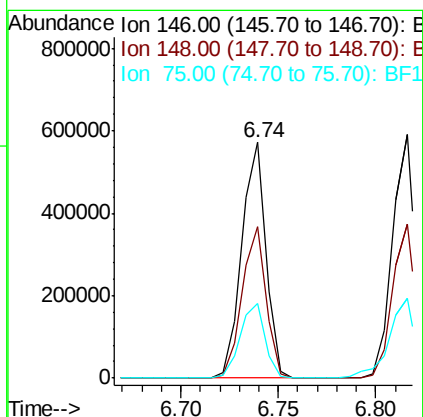
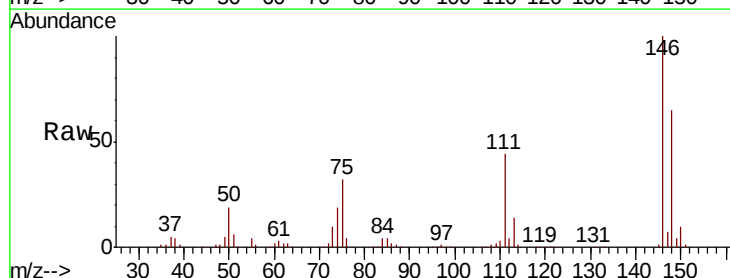
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

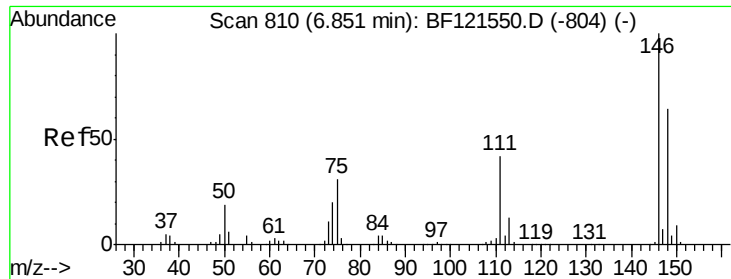
Tot Ion	Ratio	Lower	Upper
93	100		
63	78.5	58.5	98.5
95	32.5	12.5	52.5



#12
1,3-Dichlorobenzene
Concen: 40.028 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF121702.D
Acq: 28 Sep 2020 9:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.7	77.5
75	31.6	25.3	37.9

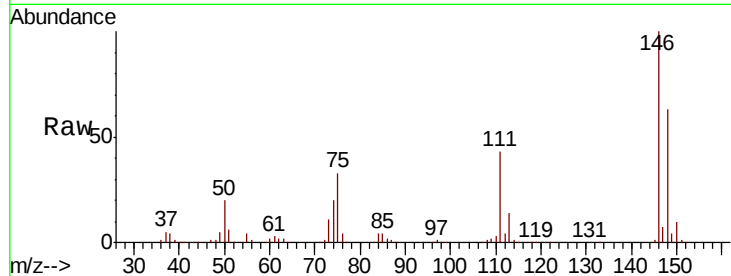




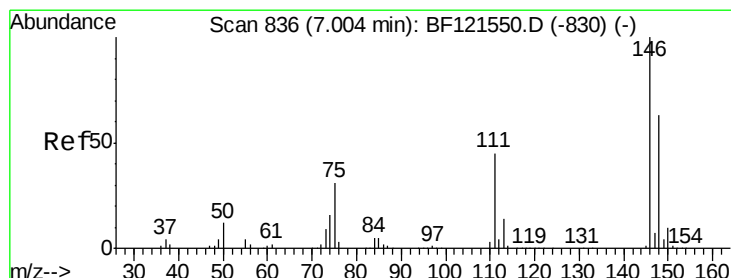
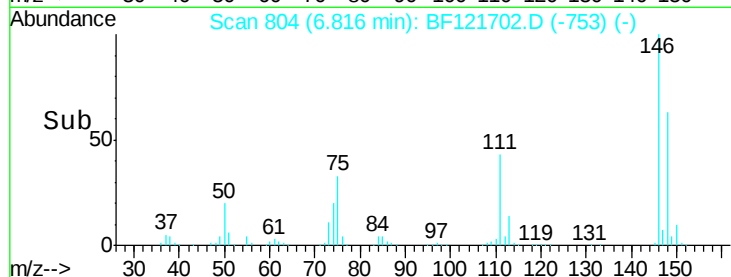
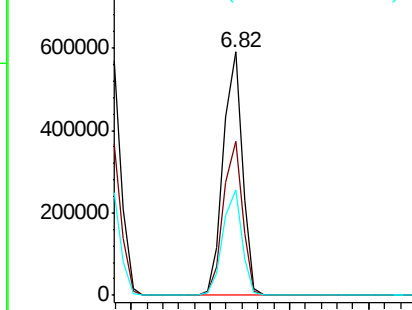
#13
 1,4-Dichlorobenzene
 Concen: 40.162 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF121702.D
 Acq: 28 Sep 2020 9:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
111	43.5	34.8	52.2

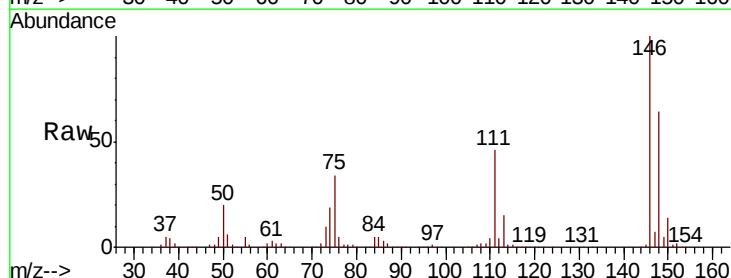


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

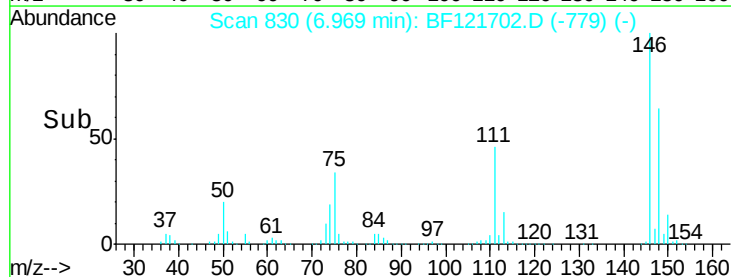
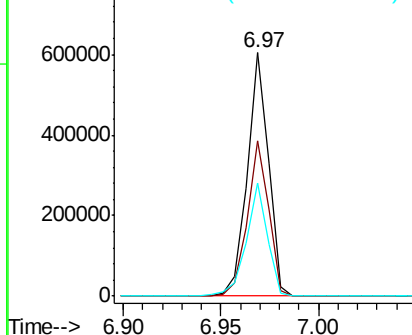


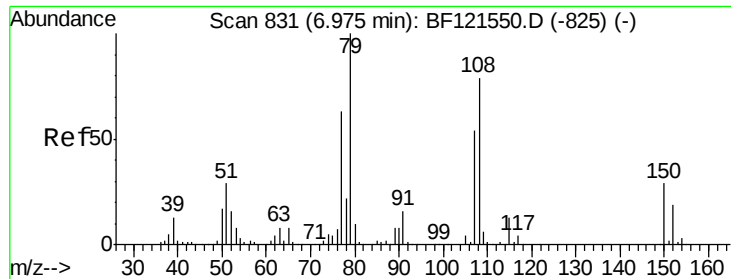
#14
 1,2-Dichlorobenzene
 Concen: 39.880 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF121702.D
 Acq: 28 Sep 2020 9:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
111	46.5	37.2	55.8



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

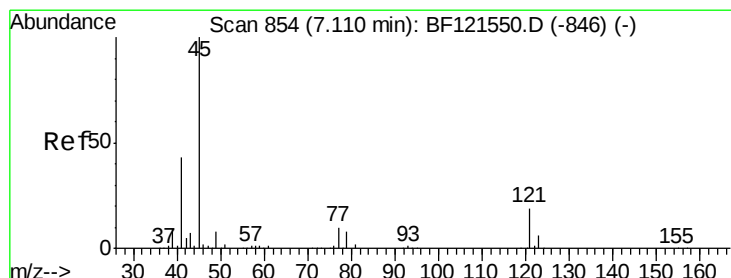
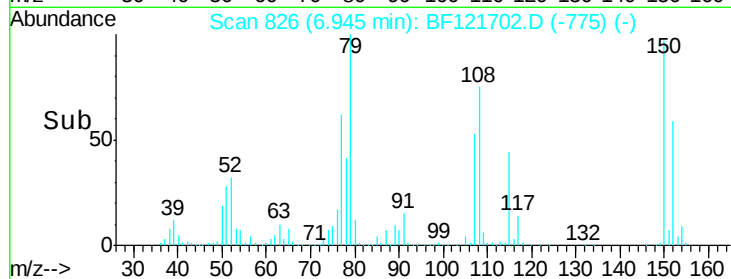
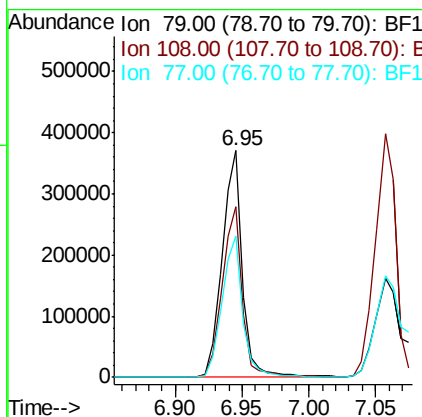
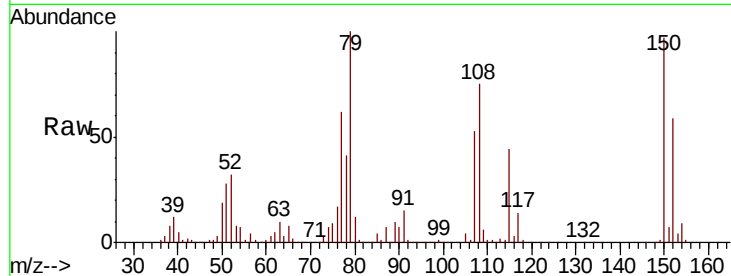




#15
Benzyl Alcohol
Concen: 40.899 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF121702.D
Acq: 28 Sep 2020 9:27

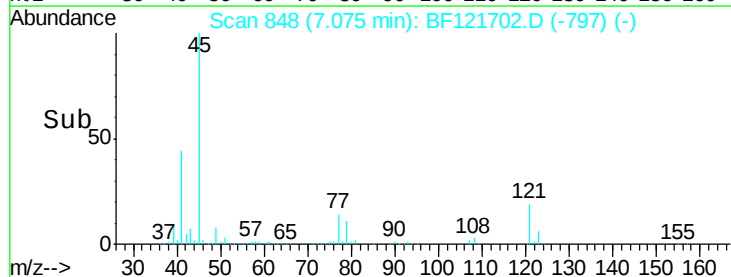
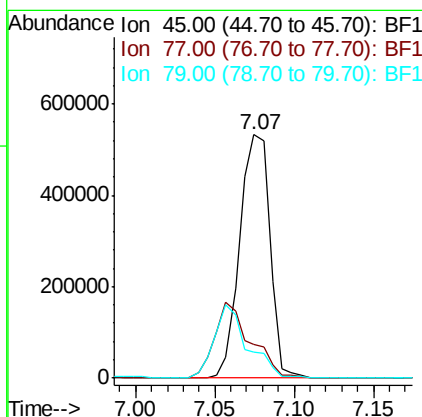
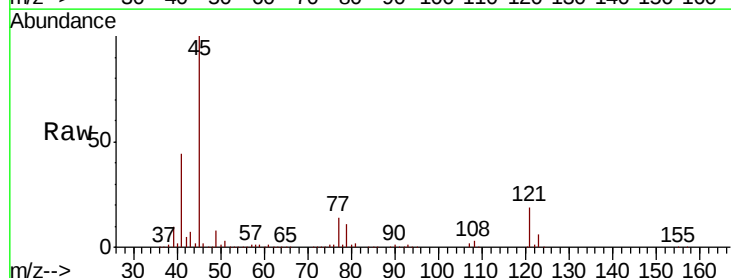
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

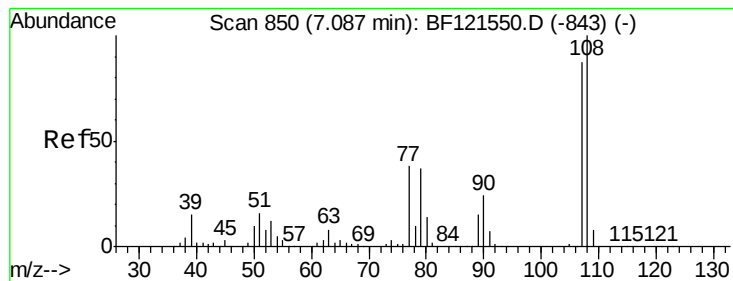
Tot Ion: 79 Resp: 393930
Ion Ratio Lower Upper
79 100
108 75.0 60.0 90.0
77 62.3 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.538 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF121702.D
Acq: 28 Sep 2020 9:27

Tgt Ion: 45 Resp: 705330
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.9
79 10.8 0.0 30.8





#17

2-Methylphenol

Concen: 39.404 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 368721

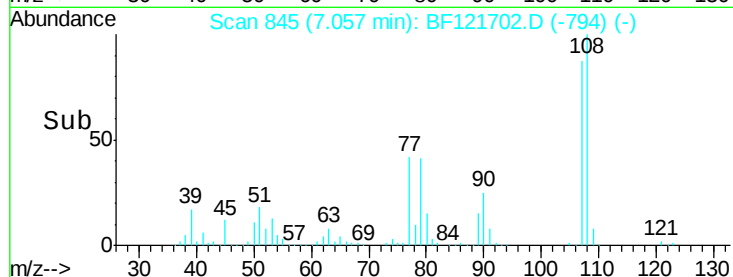
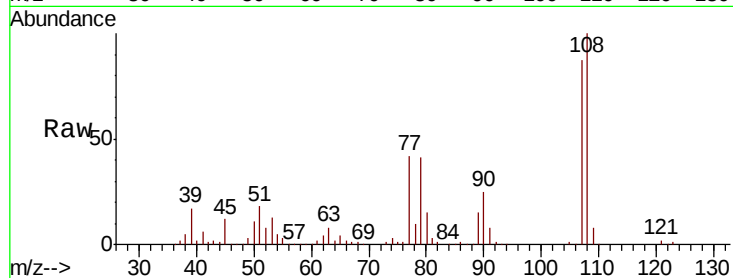
Ion Ratio Lower Upper

107 100

108 114.6 91.7 137.5

77 47.8 38.2 57.4

79 46.6 37.3 55.9

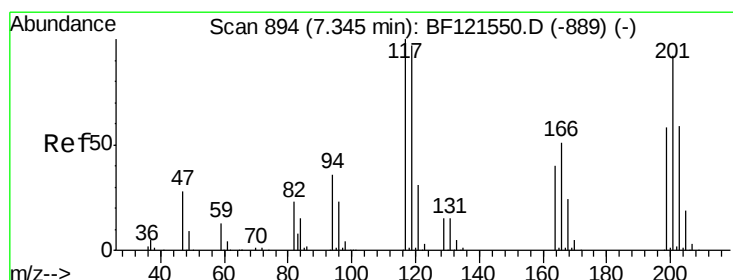
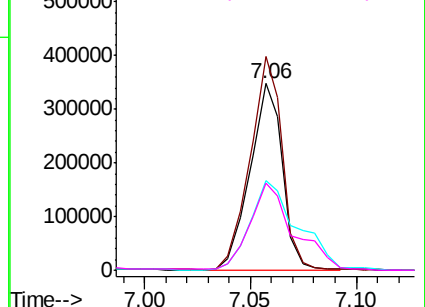


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.094 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

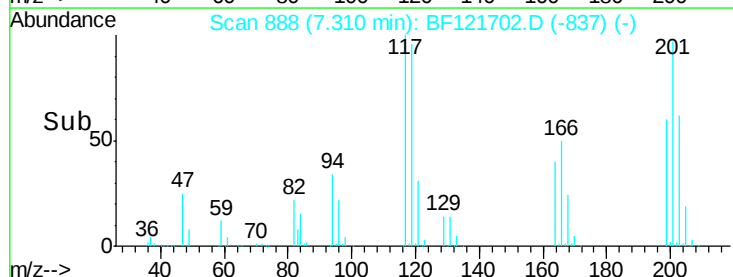
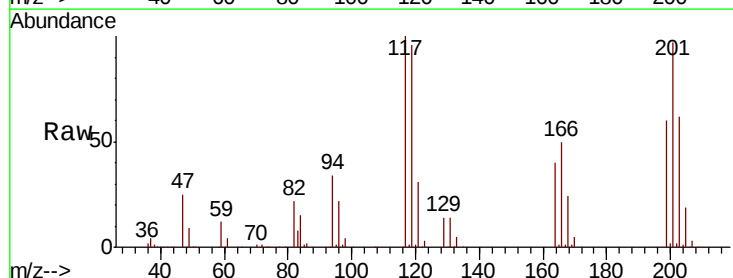
Tgt Ion:117 Resp: 181357

Ion Ratio Lower Upper

117 100

119 96.1 76.9 115.3

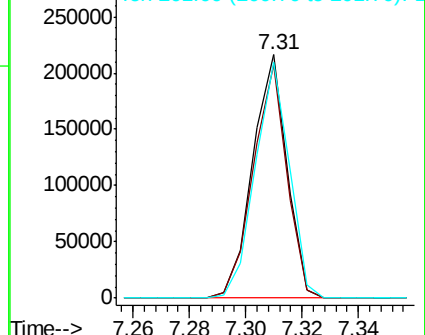
201 96.9 77.5 116.3

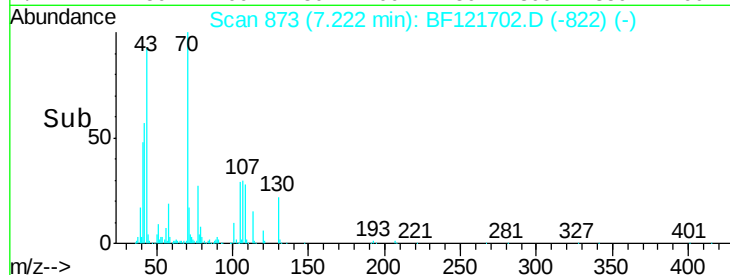
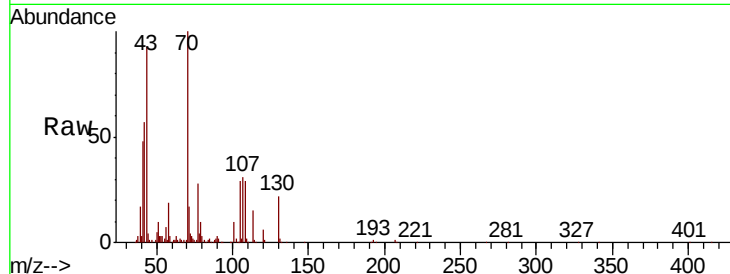
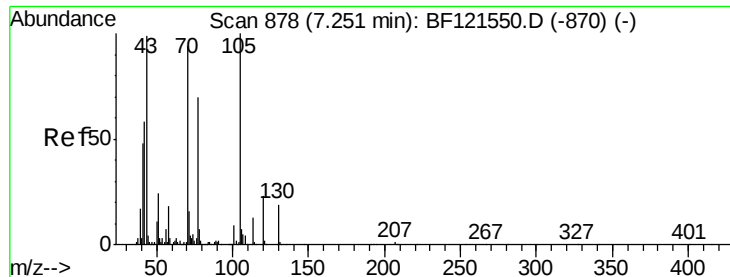


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

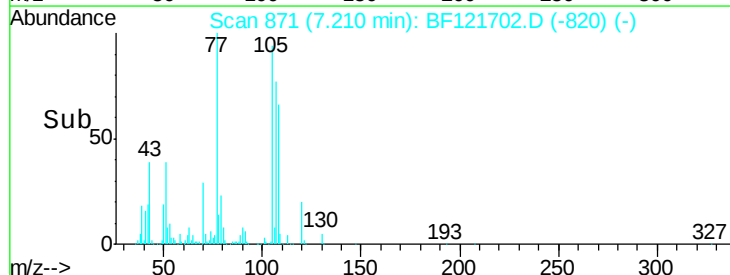
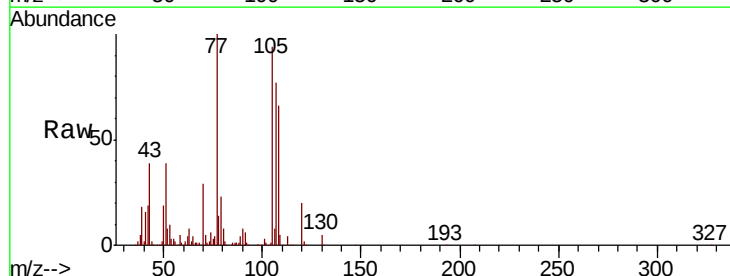
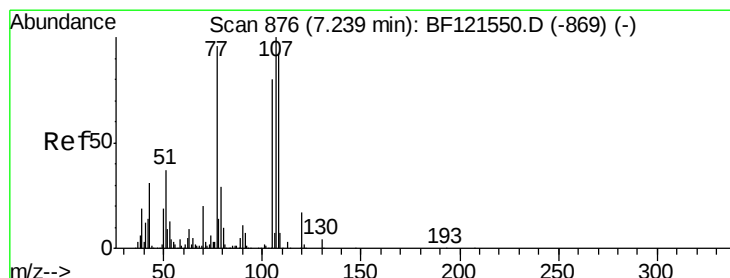
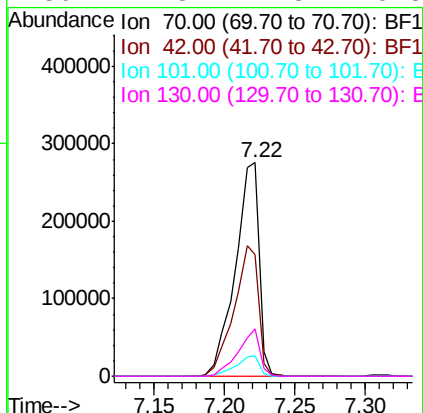




#19
n-Nitroso-di-n-propylamine
Concen: 39.602 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF121702.D
Acq: 28 Sep 2020 9:27

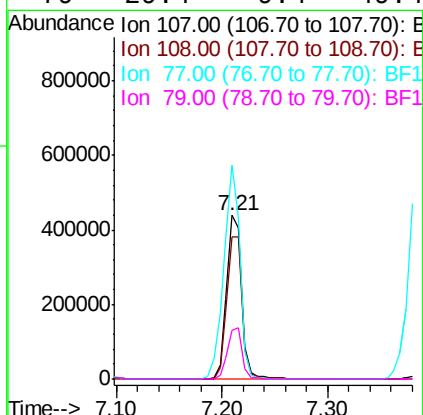
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

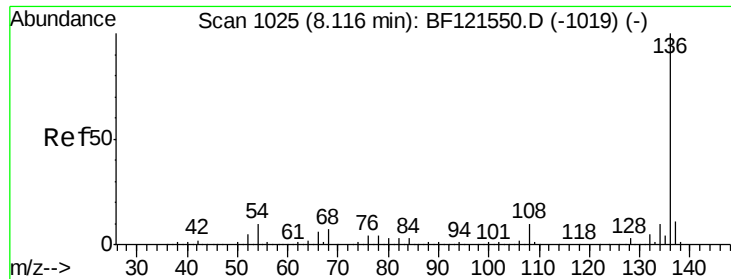
Tot Ion:	70	Resp:	323433
Ion	Ratio	Lower	Upper
70	100		
42	57.2	45.8	68.6
101	9.5	7.6	11.4
130	22.3	17.8	26.8



#20
3+4-Methylphenols
Concen: 38.393 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF121702.D
Acq: 28 Sep 2020 9:27

Tgt Ion:	107	Resp:	431638
Ion	Ratio	Lower	Upper
107	100		
108	86.7	66.7	106.7
77	130.6	110.6	150.6
79	29.4	9.4	49.4

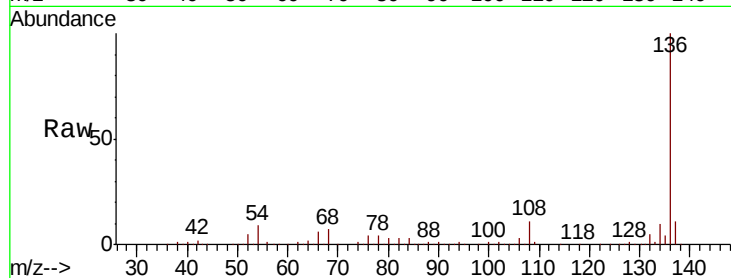




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF121702.D
Acq: 28 Sep 2020 9:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	598488
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	9.4	7.5 11.3
68	6.9	5.5 8.3



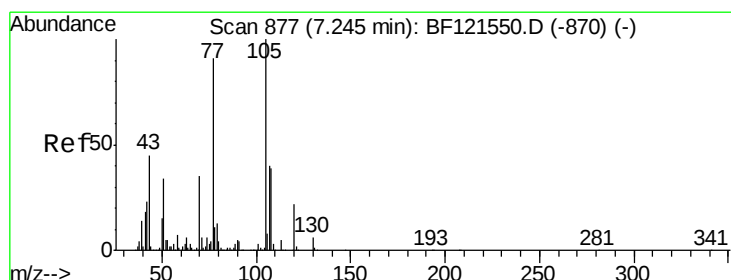
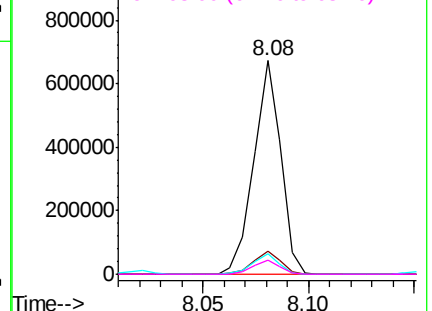
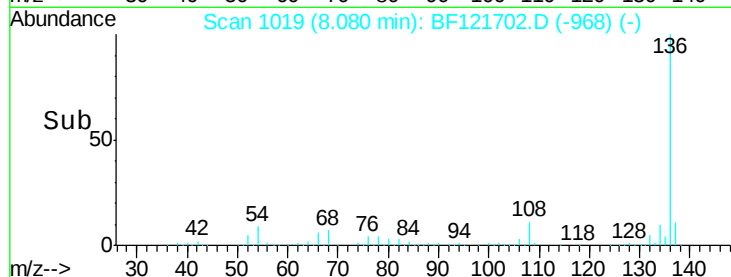
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

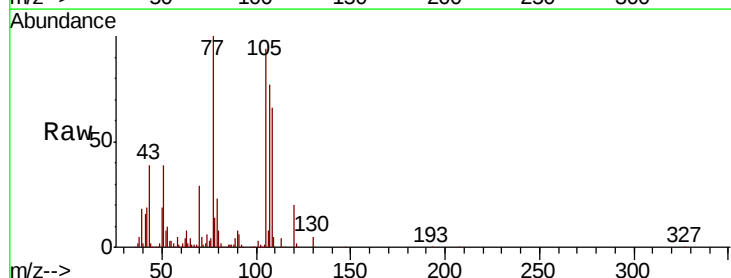
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.318 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF121702.D
Acq: 28 Sep 2020 9:27

Tgt Ion:105	Resp:	597036
Ion Ratio	Lower	Upper
105	100	
71	5.2	4.2 6.2
51	41.3	33.0 49.6
120	21.7	17.4 26.0



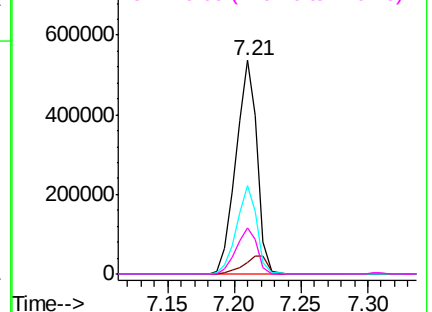
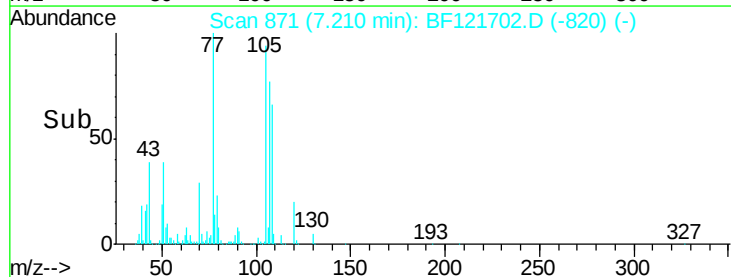
Abundance

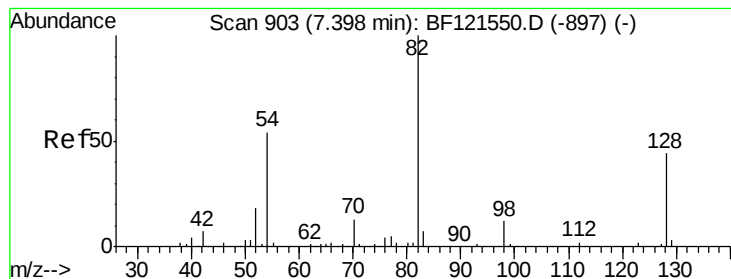
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.884 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

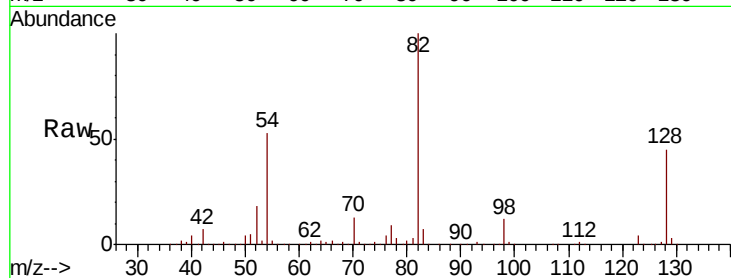
Tot Ion: 82 Resp: 935029

Ion Ratio Lower Upper

82 100

128 44.7 35.8 53.6

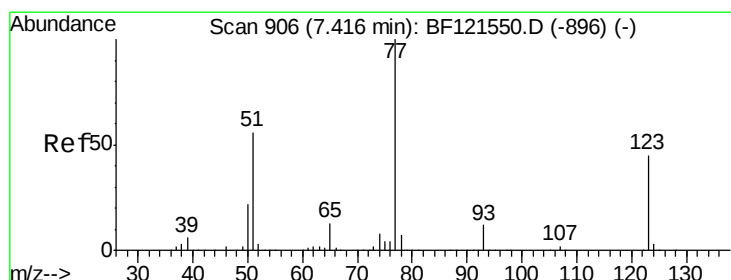
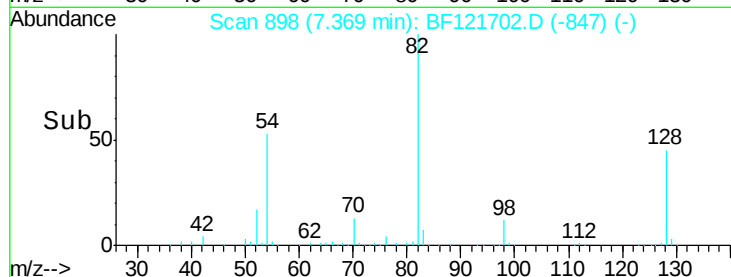
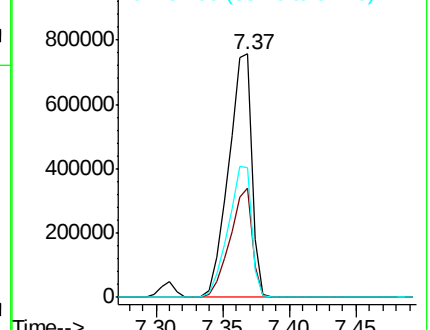
54 53.2 42.6 63.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 41.396 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

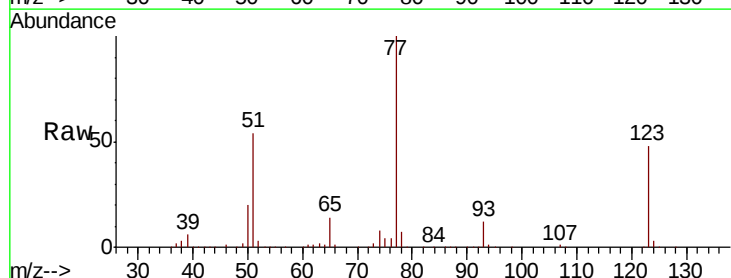
Tgt Ion: 77 Resp: 499058

Ion Ratio Lower Upper

77 100

123 48.3 38.6 58.0

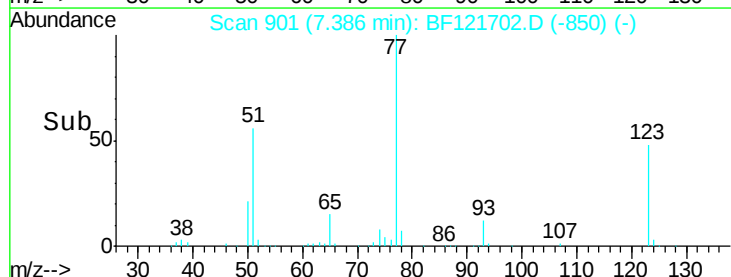
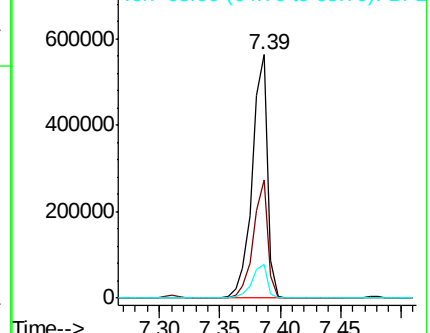
65 13.9 11.1 16.7

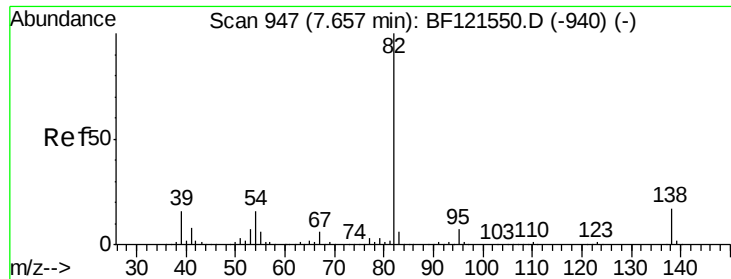


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.888 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

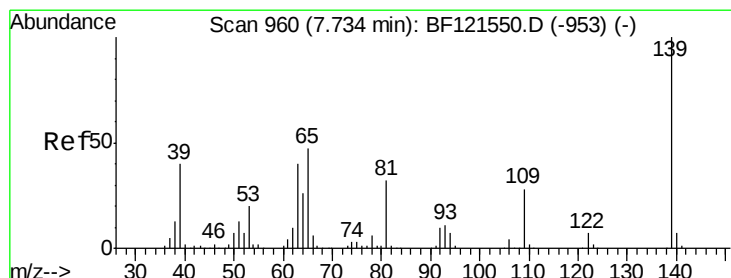
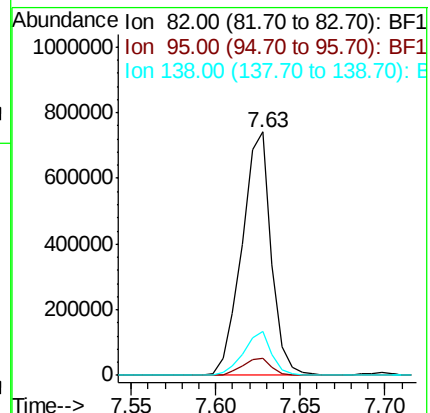
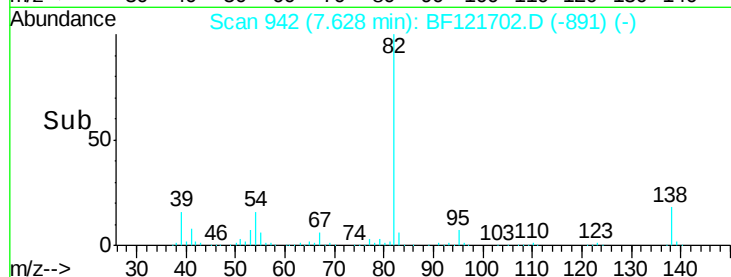
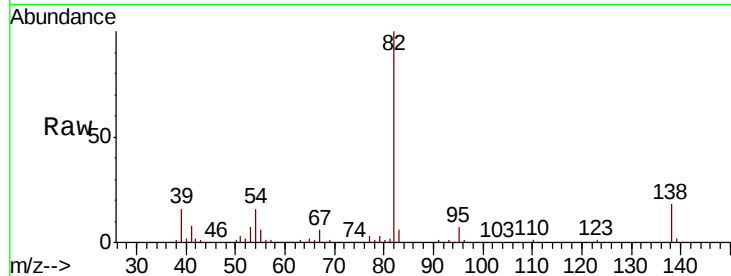
Tot Ion: 82 Resp: 895035

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

138 17.8 14.2 21.4



#26

2-Nitrophenol

Concen: 41.996 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

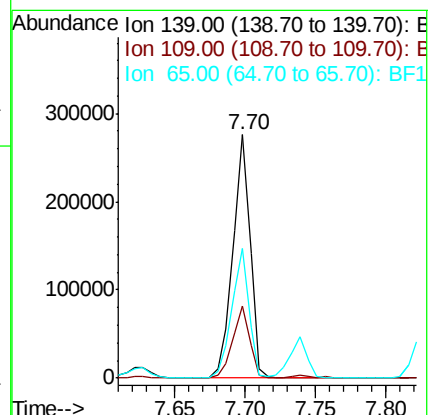
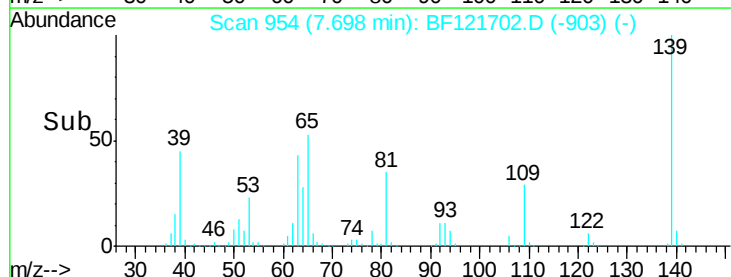
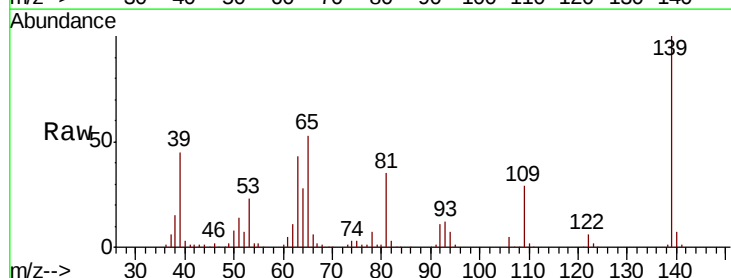
Tgt Ion: 139 Resp: 236433

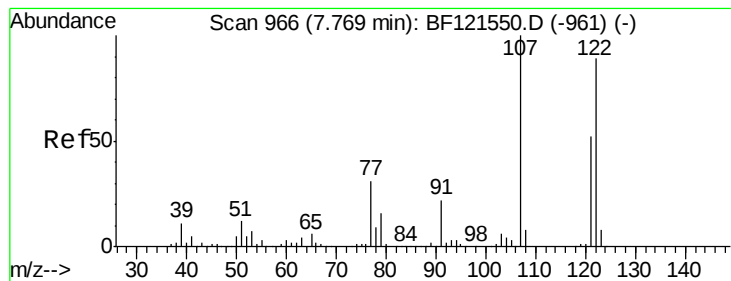
Ion Ratio Lower Upper

139 100

109 29.4 23.5 35.3

65 53.5 42.8 64.2





#27

2,4-Dimethylphenol

Concen: 38.904 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

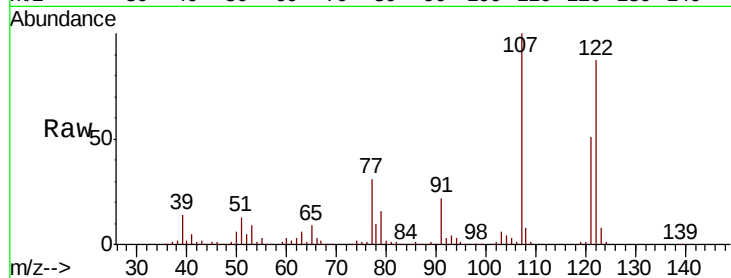
Tot Ion:122 Resp: 389664

Ion Ratio Lower Upper

122 100

107 115.4 92.3 138.5

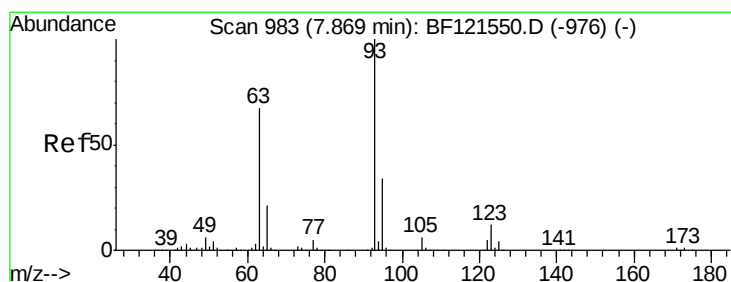
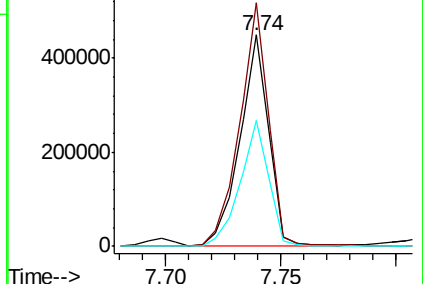
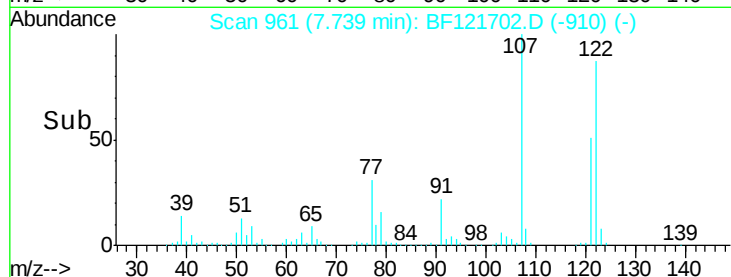
121 59.4 47.5 71.3



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: 40.040 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

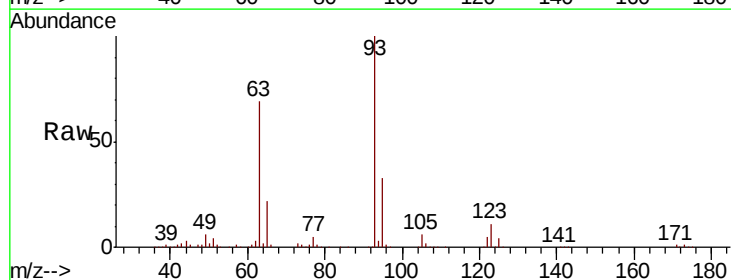
Tgt Ion: 93 Resp: 556197

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

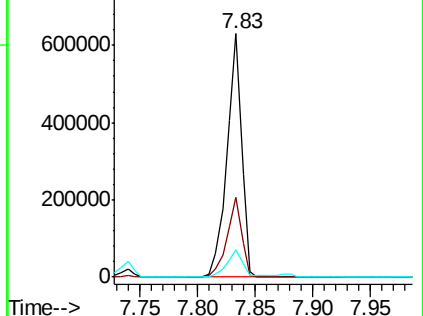
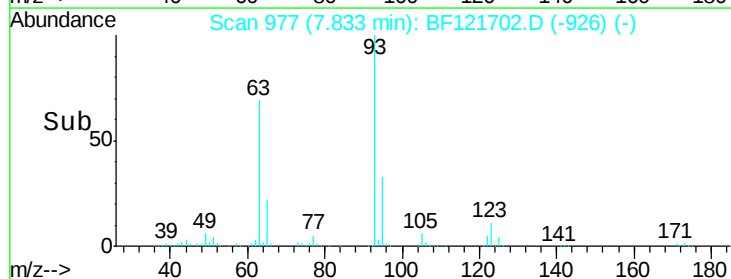
123 11.2 9.0 13.4

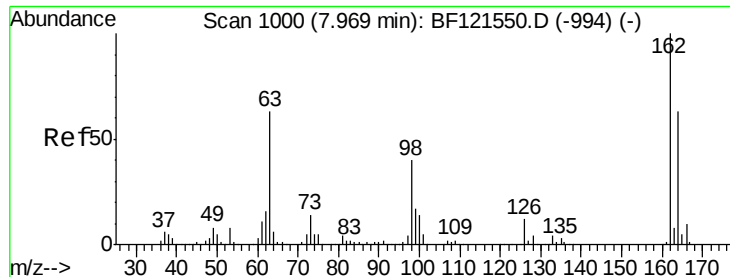


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

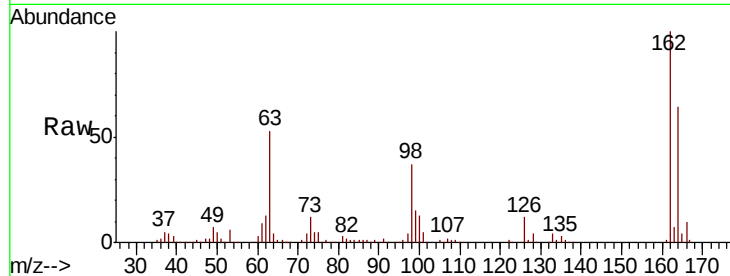




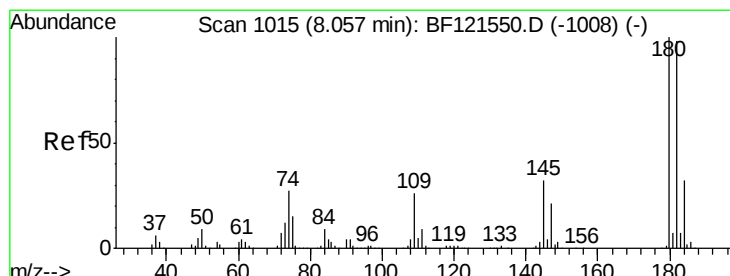
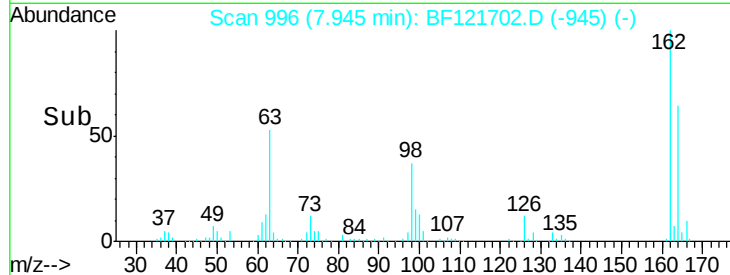
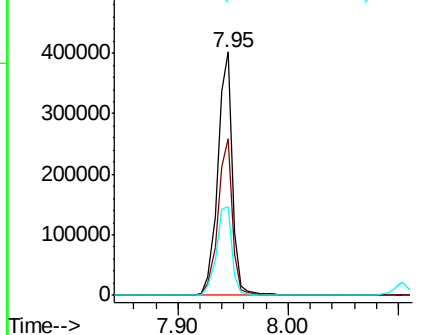
#29
 2,4-Dichlorophenol
 Concen: 40.472 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF121702.D
 Acq: 28 Sep 2020 9:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	36.7	16.7	56.7

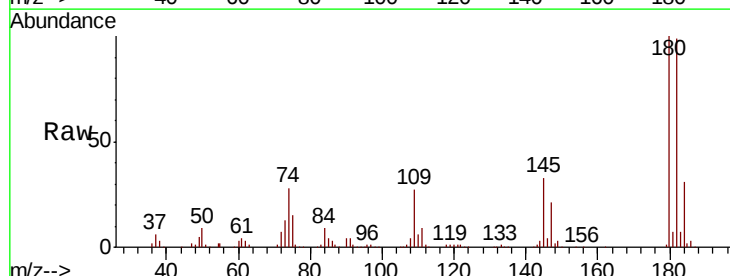


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

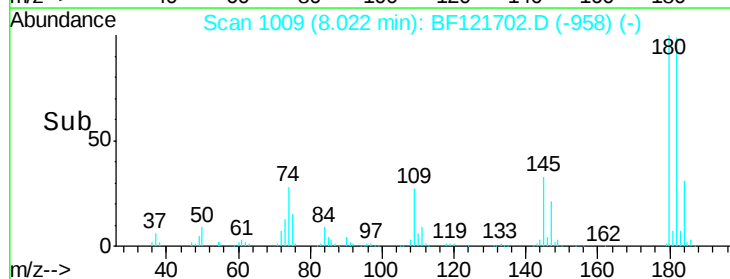
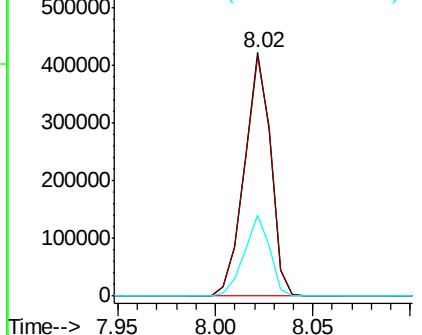


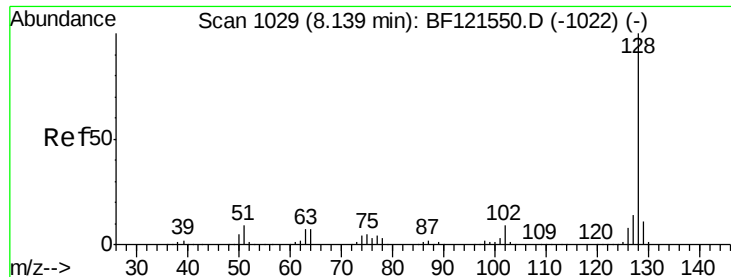
#30
 1,2,4-Trichlorobenzene
 Concen: 40.801 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF121702.D
 Acq: 28 Sep 2020 9:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	78.9	118.3
145	33.3	26.6	40.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

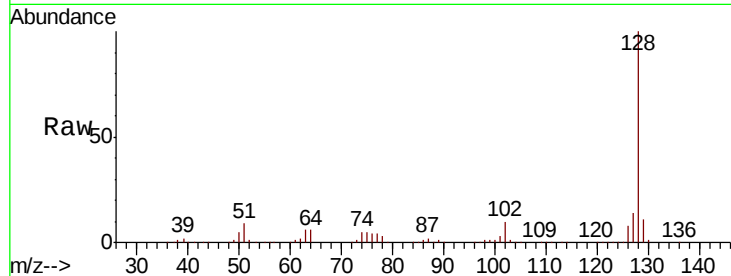




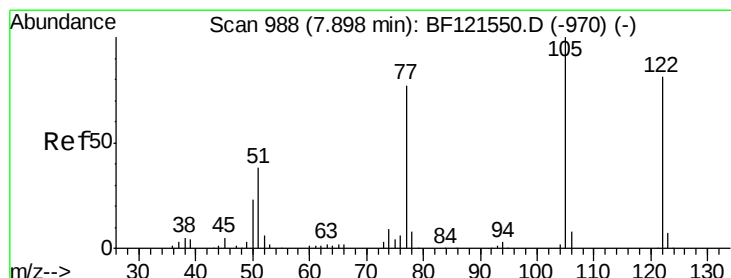
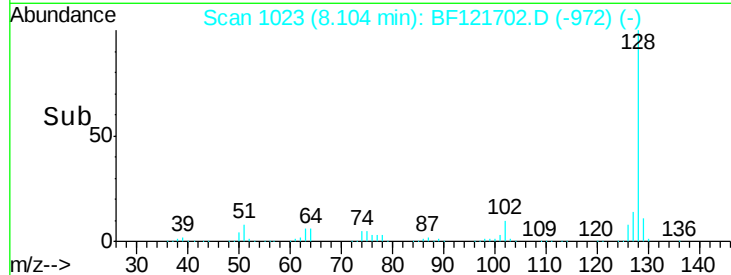
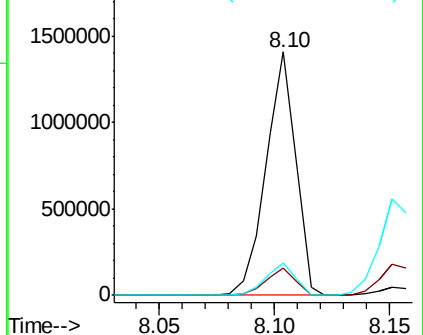
#31
Naphthalene
Concen: 39.826 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF121702.D
Acq: 28 Sep 2020 9:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1258226
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.5 10.8 16.2

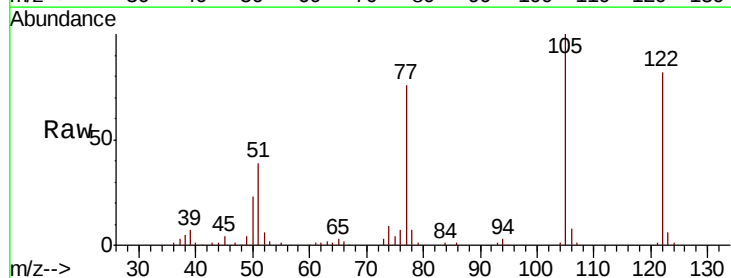


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

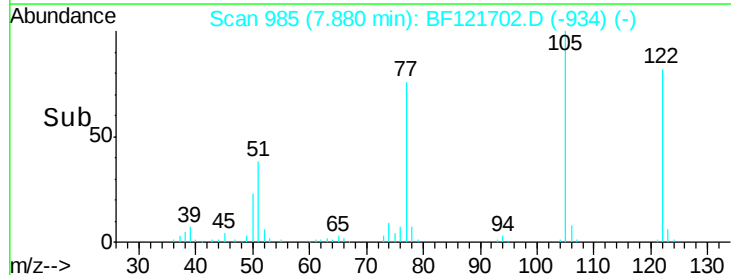
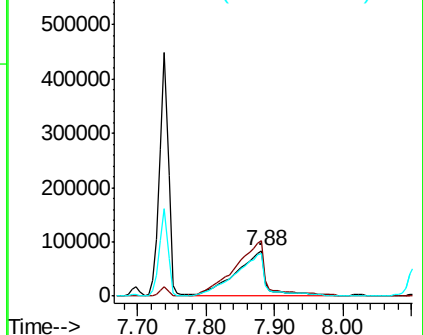


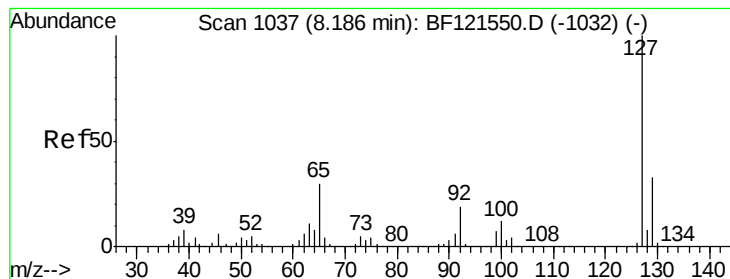
#32
Benzoic acid
Concen: 36.013 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF121702.D
Acq: 28 Sep 2020 9:27

Tgt Ion:122 Resp: 253995
Ion Ratio Lower Upper
122 100
105 121.7 101.7 141.7
77 92.8 72.8 112.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 39.753 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 544412

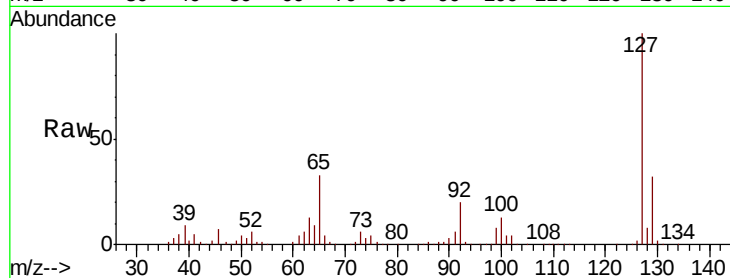
Ion Ratio Lower Upper

127 100

129 32.5 26.0 39.0

65 33.4 26.7 40.1

92 20.4 16.3 24.5

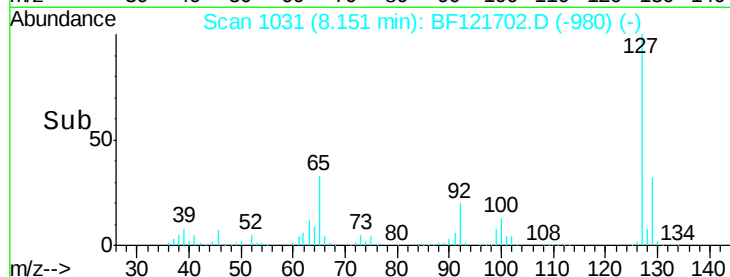


Abundance Ion 127.00 (126.70 to 127.70): E

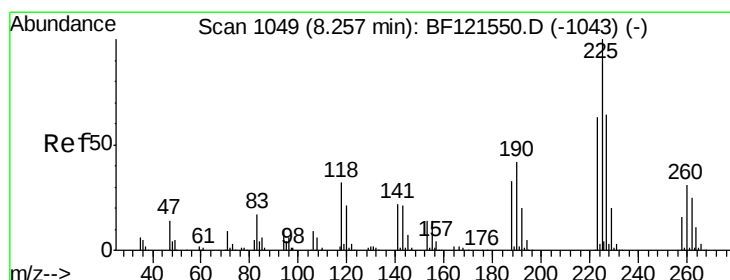
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



Time-->



#34

Hexachlorobutadiene

Concen: 41.764 ng

RT: 8.22 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

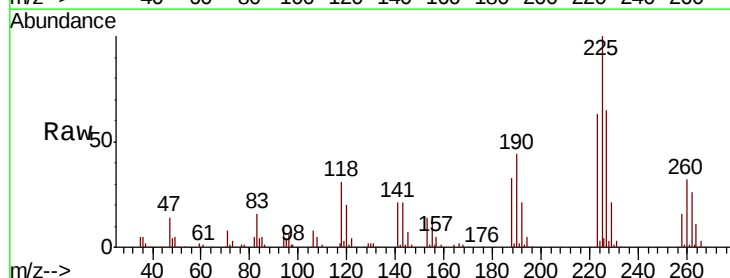
Tgt Ion:225 Resp: 235531

Ion Ratio Lower Upper

225 100

223 63.3 50.6 76.0

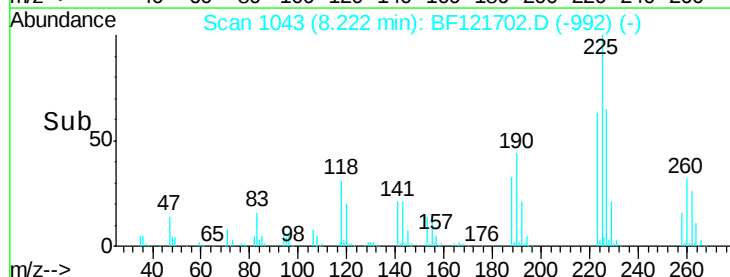
227 64.6 51.7 77.5



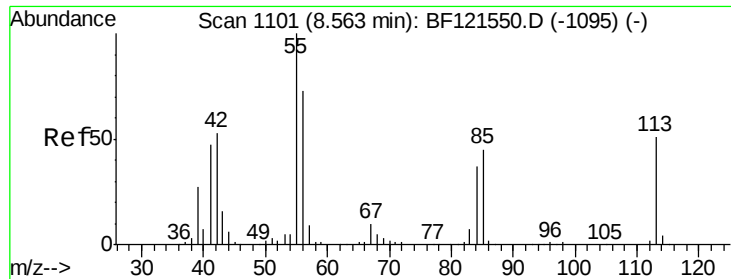
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



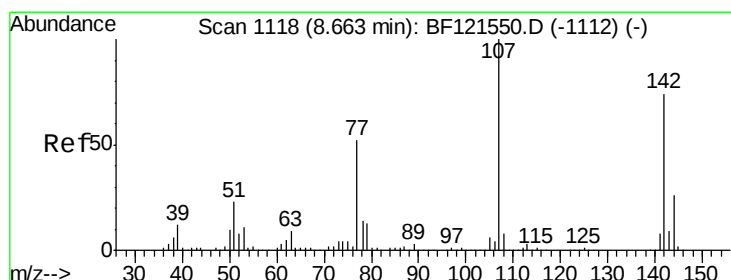
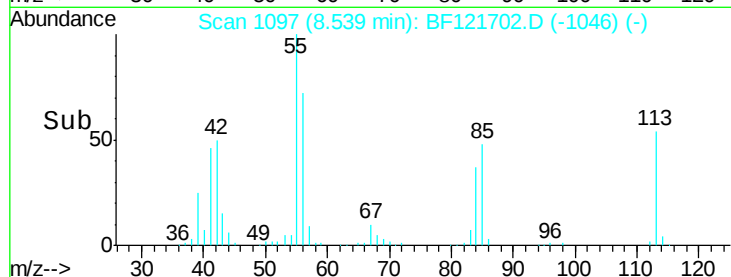
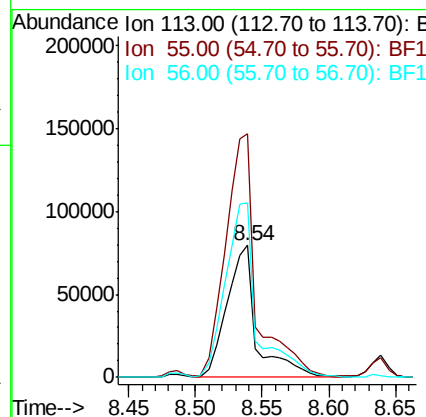
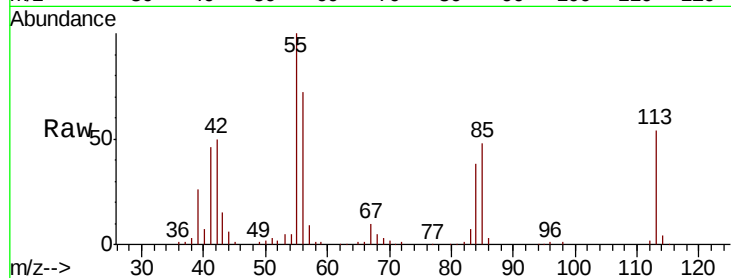
Time-->



#35
 Caprolactam
 Concen: 41.040 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF121702.D
 Acq: 28 Sep 2020 9:27

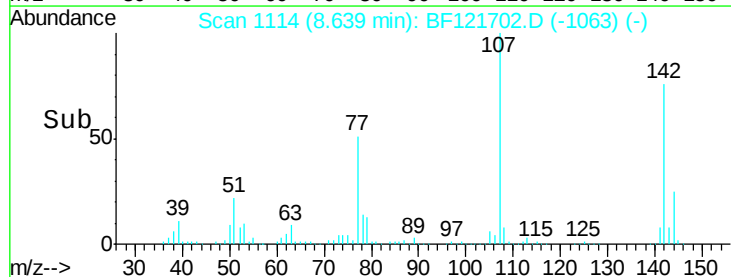
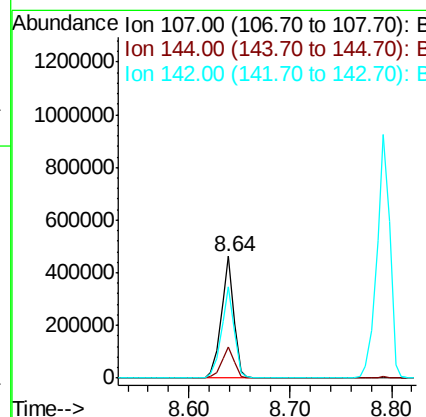
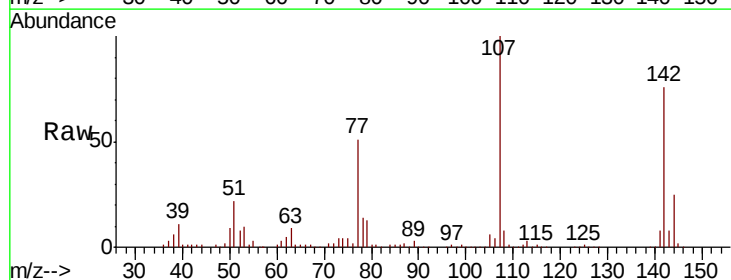
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

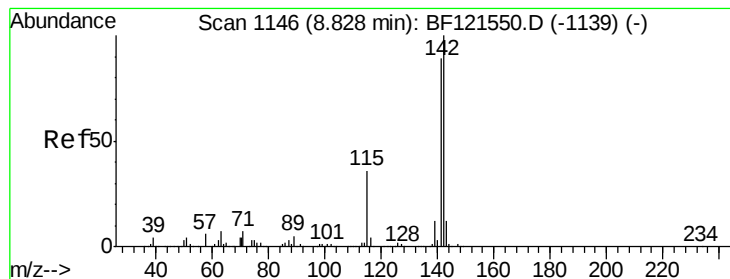
Tot Ion:113 Resp: 124680
 Ion Ratio Lower Upper
 113 100
 55 184.8 164.8 204.8
 56 132.9 112.9 152.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.770 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF121702.D
 Acq: 28 Sep 2020 9:27

Tgt Ion:107 Resp: 400668
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.3 30.5
 142 75.5 60.4 90.6





#37

2-Methylnaphthalene

Concen: 39.714 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

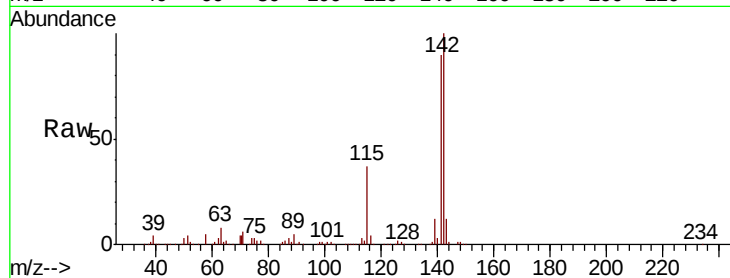
Tot Ion:142 Resp: 822255

Ion Ratio Lower Upper

142 100

141 89.9 71.9 107.9

115 37.4 29.9 44.9



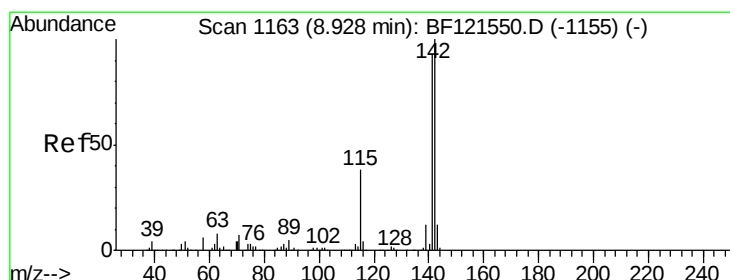
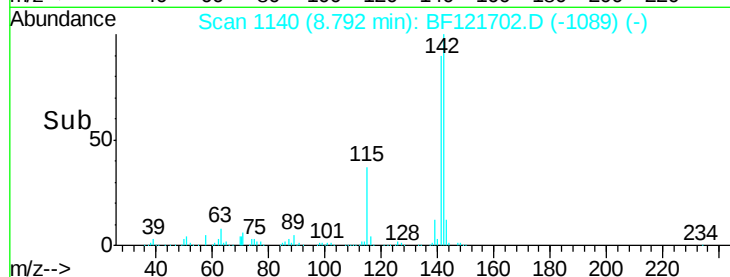
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.79

Time-->



#38

1-Methylnaphthalene

Concen: 39.681 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

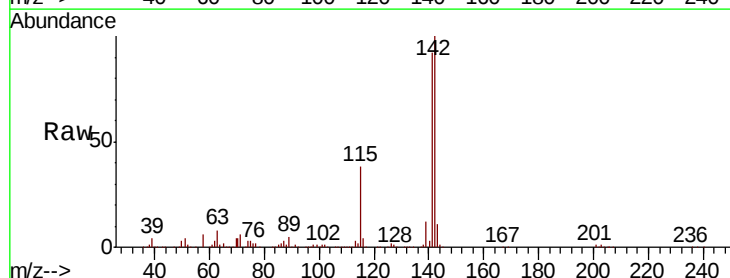
Tgt Ion:142 Resp: 764608

Ion Ratio Lower Upper

142 100

141 92.3 73.8 110.8

116 4.0 3.2 4.8



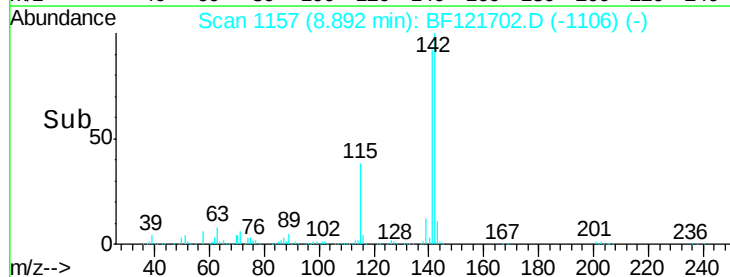
Abundance Ion 142.00 (141.70 to 142.70): E

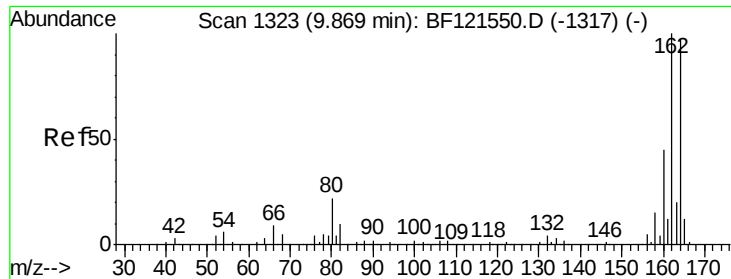
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.89

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

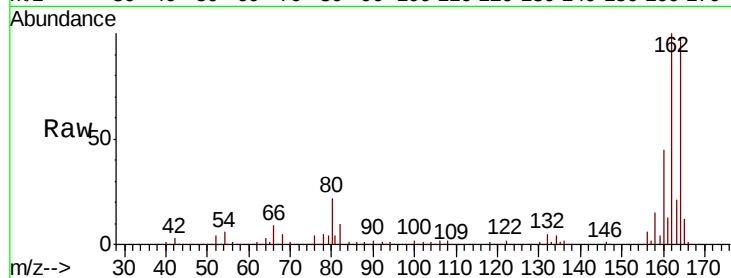
Tot Ion:164 Resp: 309225

Ion Ratio Lower Upper

164 100

162 102.6 82.1 123.1

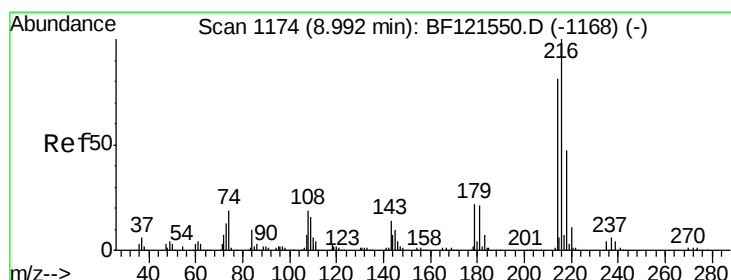
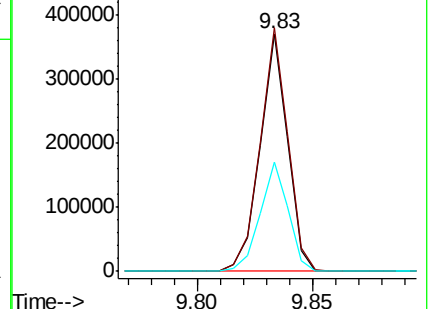
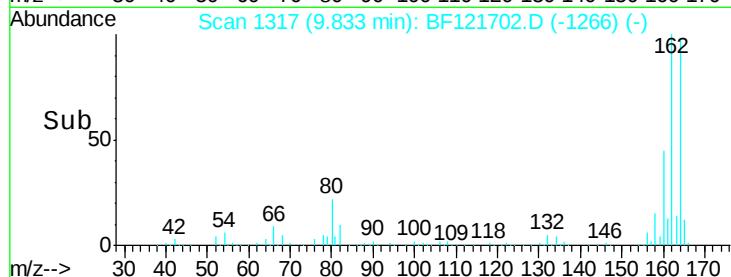
160 46.0 36.8 55.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.689 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Tgt Ion:216 Resp: 393022

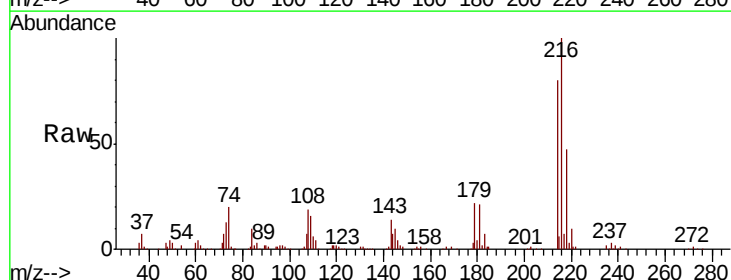
Ion Ratio Lower Upper

216 100

214 79.5 63.6 95.4

179 21.2 17.0 25.4

108 19.6 15.7 23.5

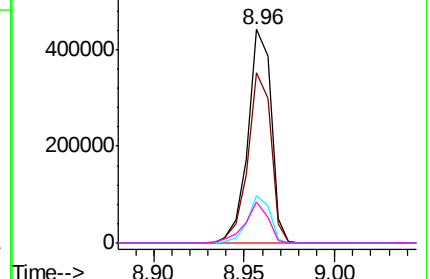
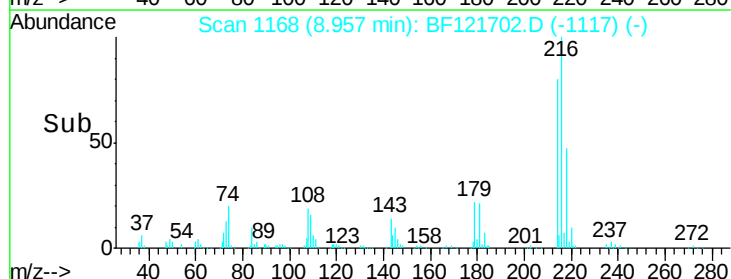


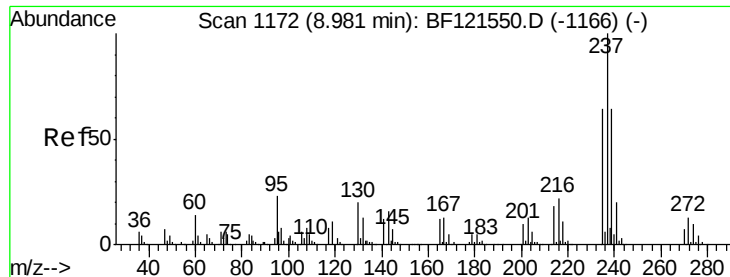
Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.818 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

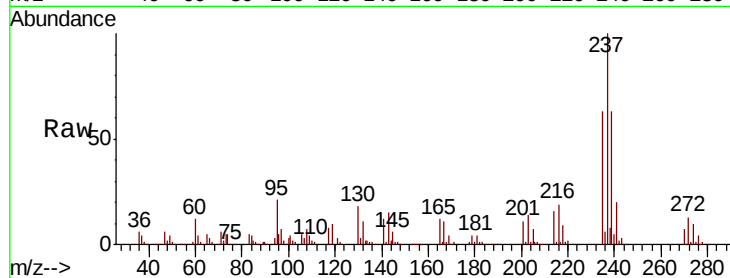
Tot Ion:237 Resp: 208606

Ion Ratio Lower Upper

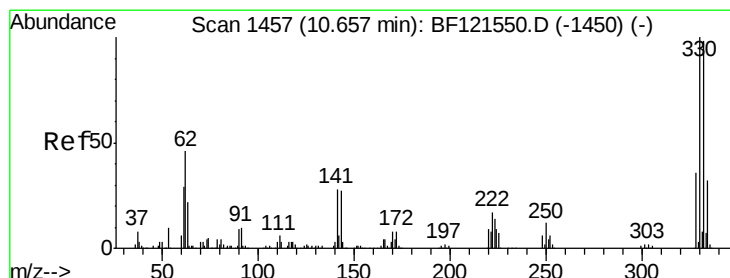
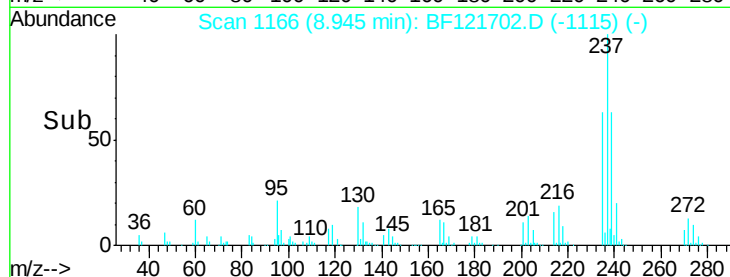
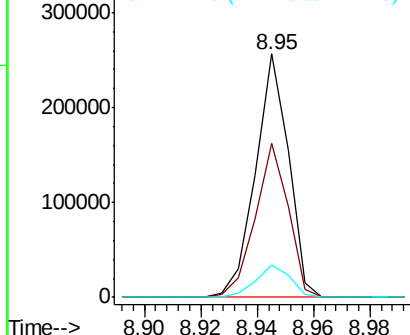
237 100

235 63.1 43.1 83.1

272 13.3 0.0 33.3



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: 89.393 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

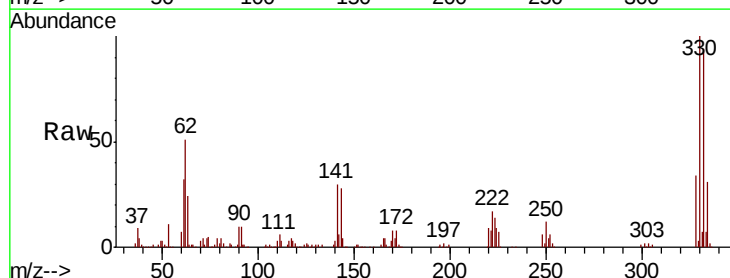
Tgt Ion:330 Resp: 343558

Ion Ratio Lower Upper

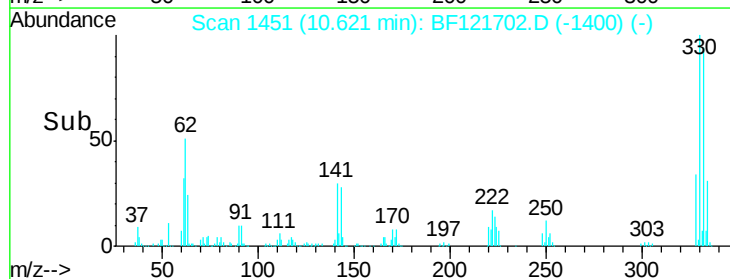
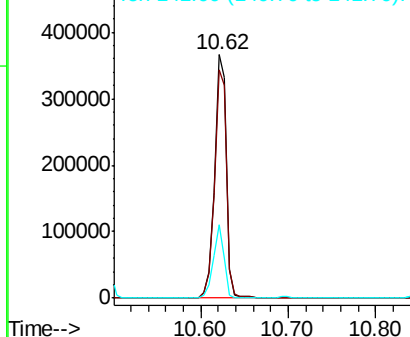
330 100

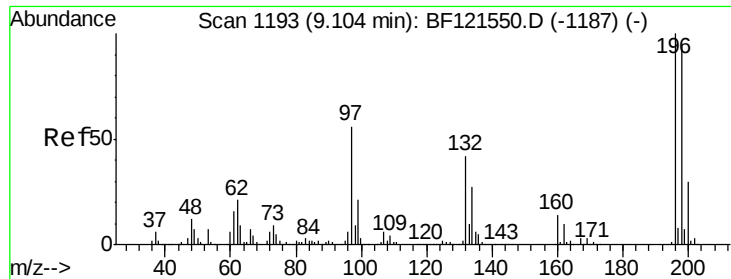
332 95.0 76.0 114.0

141 27.8 22.2 33.4



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

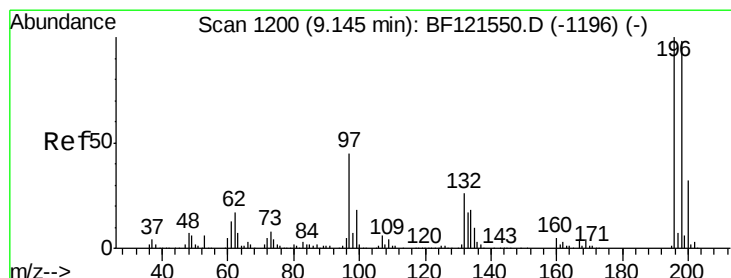
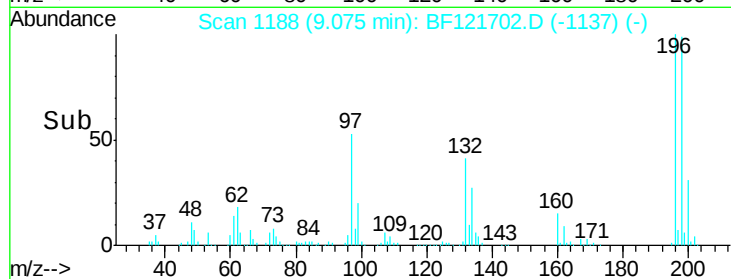
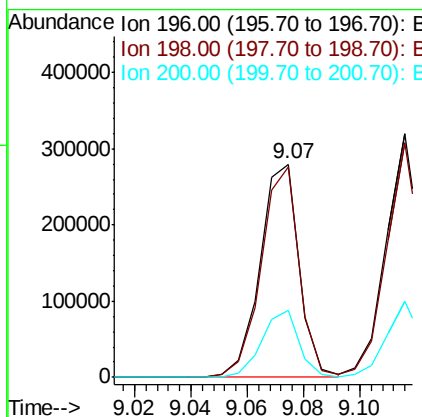
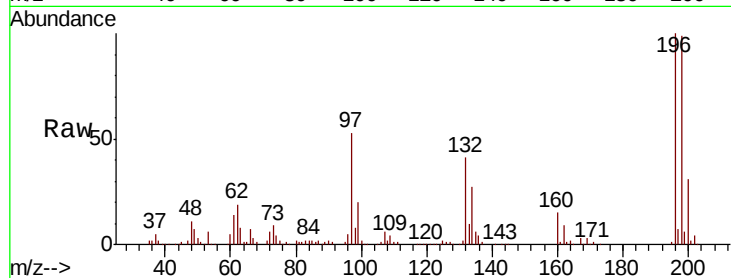




#43
 2,4,6-Trichlorophenol
 Concen: 40.676 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF121702.D
 Acq: 28 Sep 2020 9:27

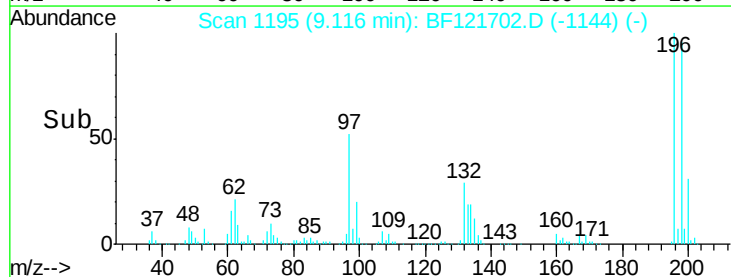
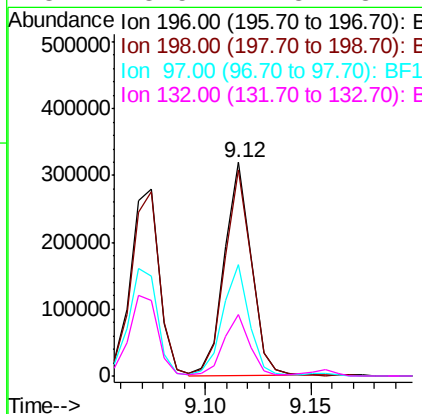
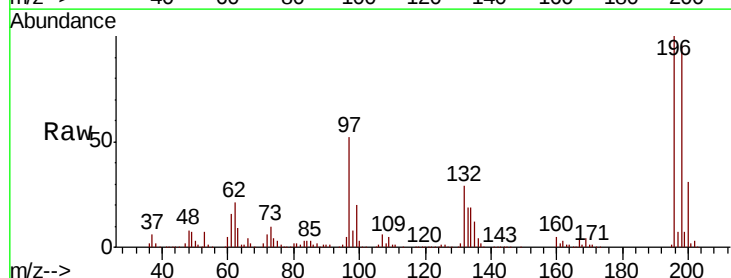
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

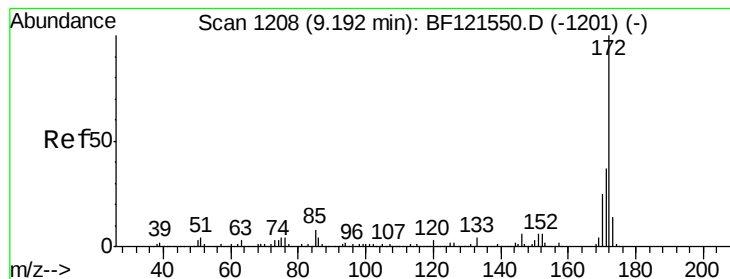
Tot Ion:196	Resp:	267806
Ion Ratio	Lower	Upper
196	100	
198	98.8	79.0 118.6
200	31.3	25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 40.553 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF121702.D
 Acq: 28 Sep 2020 9:27

Tgt Ion:196	Resp:	282254
Ion Ratio	Lower	Upper
196	100	
198	96.3	77.0 115.6
97	52.1	41.7 62.5
132	28.5	22.8 34.2





#45

2-Fluorobiphenyl

Concen: 78.996 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

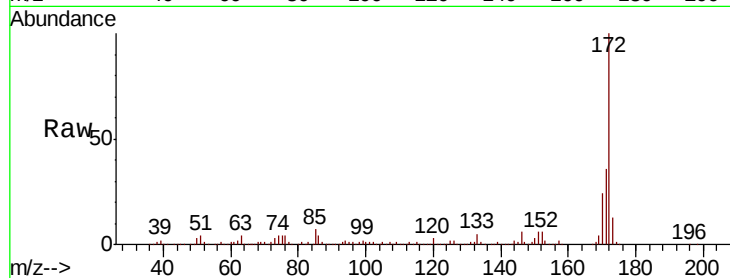
Tot Ion:172 Resp: 1612881

Ion Ratio Lower Upper

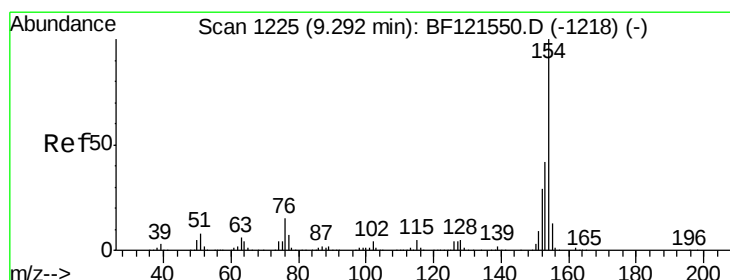
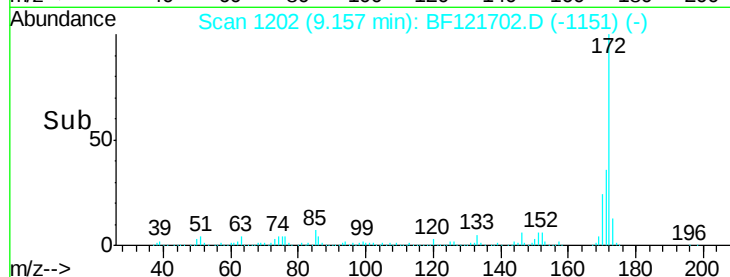
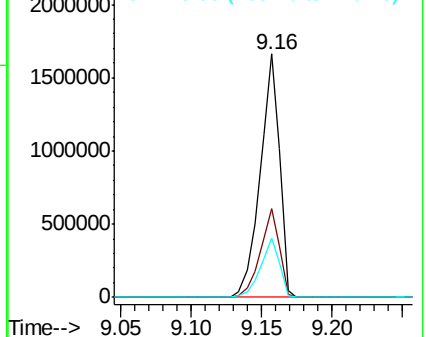
172 100

171 36.3 29.0 43.6

170 24.4 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 39.764 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

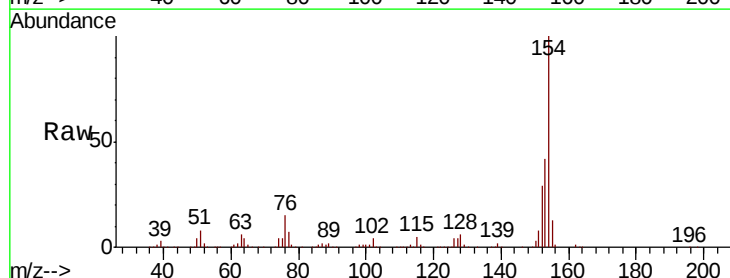
Tgt Ion:154 Resp: 984366

Ion Ratio Lower Upper

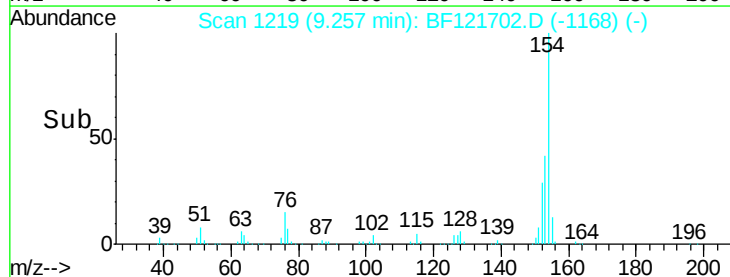
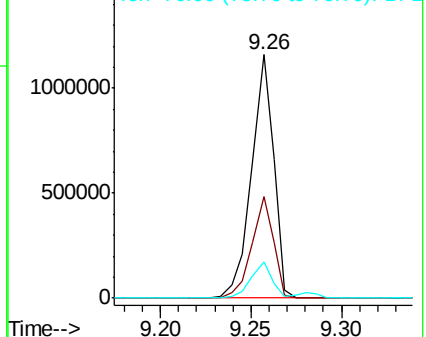
154 100

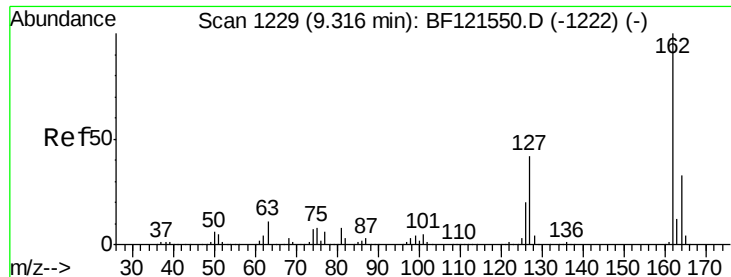
153 41.9 21.9 61.9

76 14.7 0.0 34.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

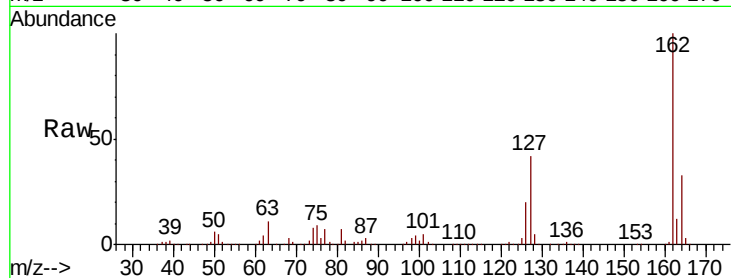




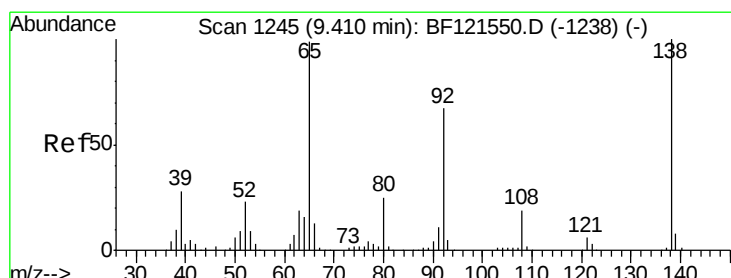
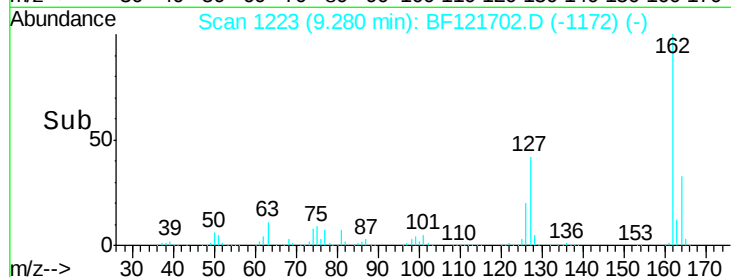
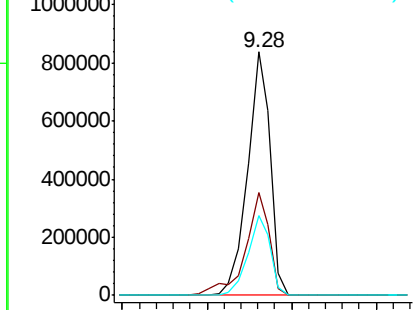
#47
 2-Chloronaphthalene
 Concen: 40.103 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF121702.D
 Acq: 28 Sep 2020 9:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 782330
 Ion Ratio Lower Upper
 162 100
 127 42.4 33.9 50.9
 164 33.0 26.4 39.6

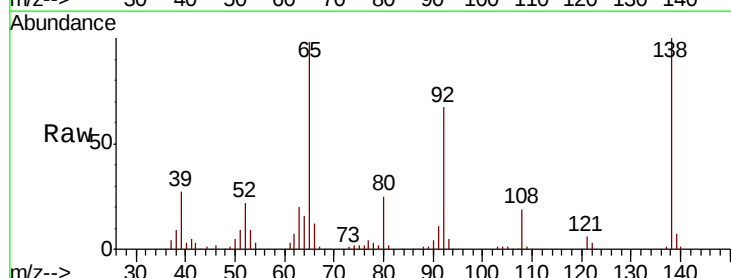


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

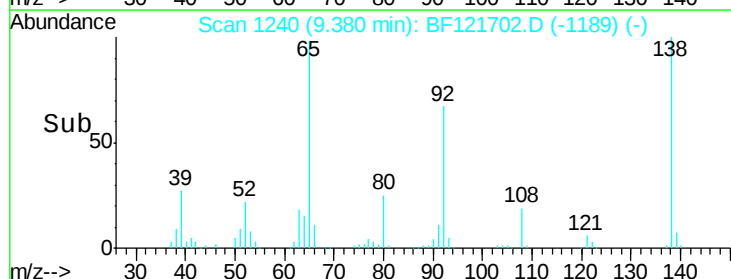
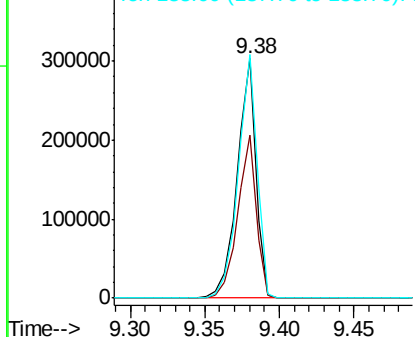


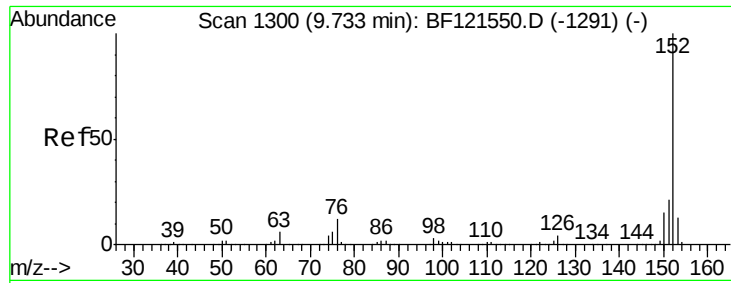
#48
 2-Nitroaniline
 Concen: 44.196 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF121702.D
 Acq: 28 Sep 2020 9:27

Tgt Ion: 65 Resp: 267923
 Ion Ratio Lower Upper
 65 100
 92 68.2 54.6 81.8
 138 101.6 81.3 121.9



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





#49

Acenaphthylene

Concen: 40.322 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

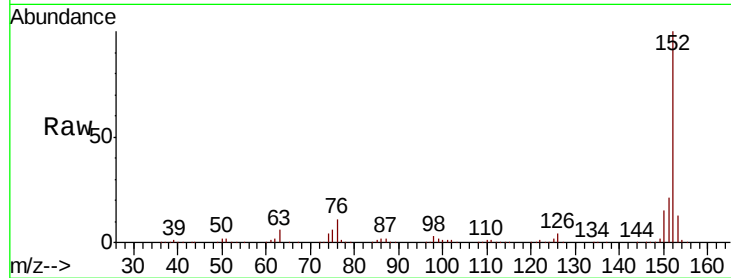
Tot Ion:152 Resp: 1208584

Ion Ratio Lower Upper

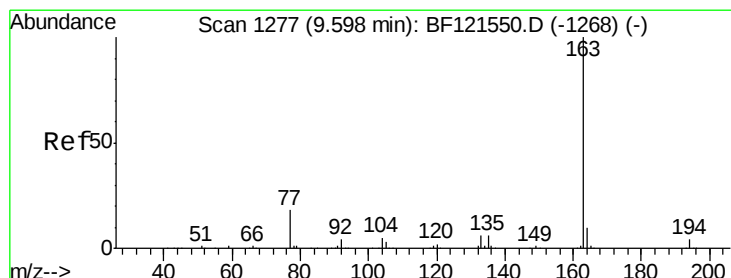
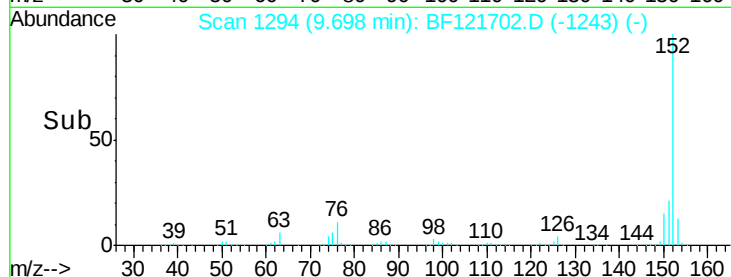
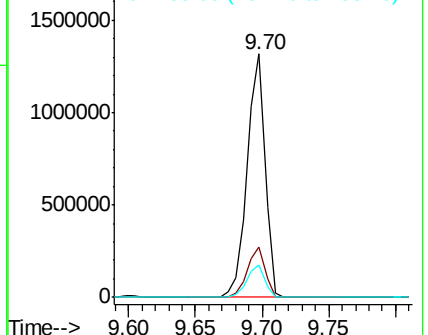
152 100

151 20.6 16.5 24.7

153 13.3 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.050 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

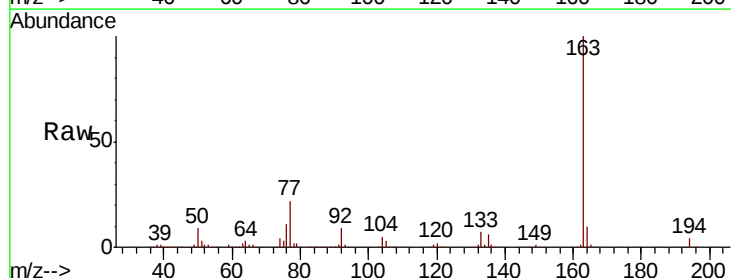
Tgt Ion:163 Resp: 920017

Ion Ratio Lower Upper

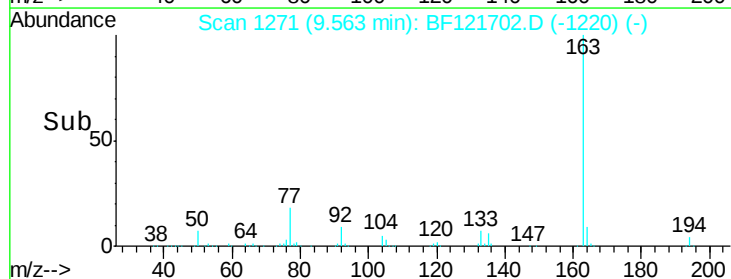
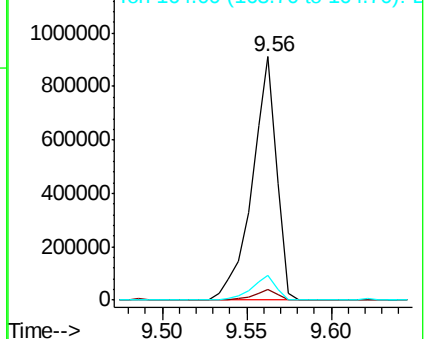
163 100

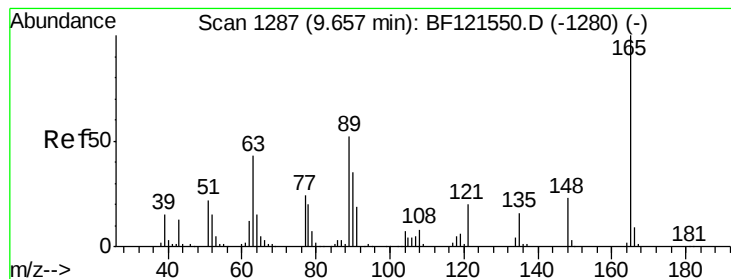
194 4.2 3.4 5.0

164 10.2 8.2 12.2



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: 43.510 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

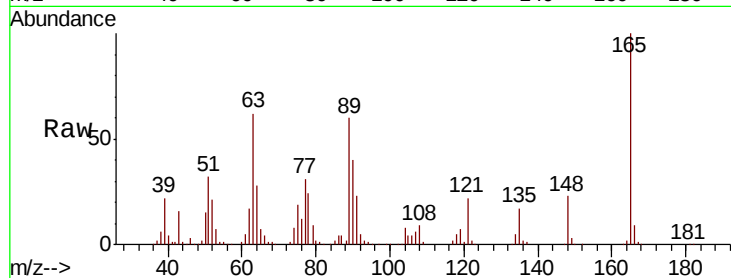
Tot Ion:165 Resp: 207674

Ion Ratio Lower Upper

165 100

63 62.2 49.8 74.6

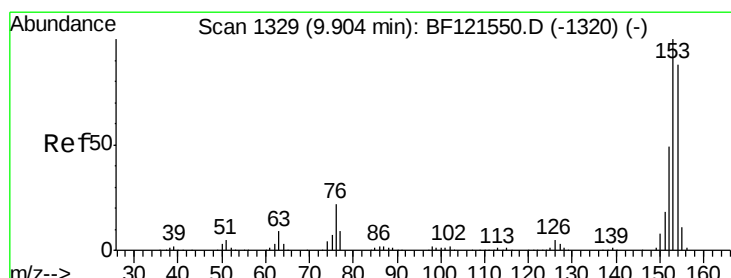
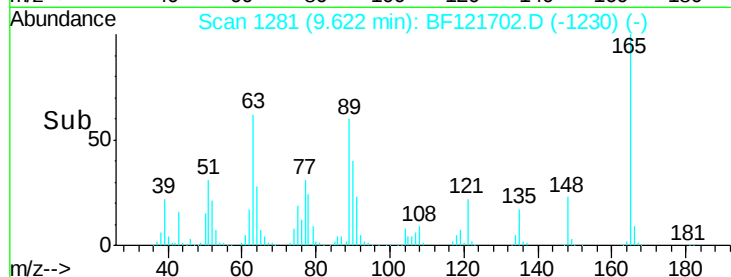
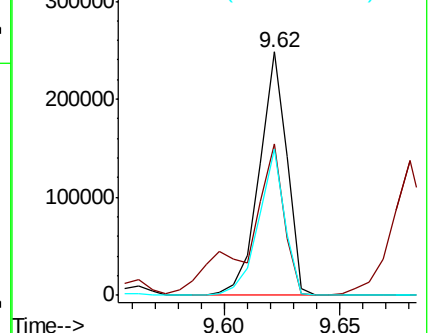
89 60.2 48.2 72.2



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



#52

Acenaphthene

Concen: 37.190 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

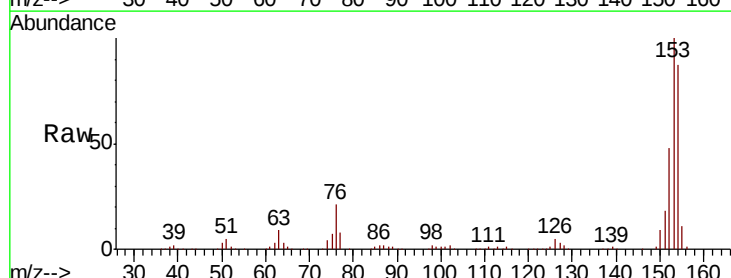
Tgt Ion:154 Resp: 704058

Ion Ratio Lower Upper

154 100

153 114.6 91.7 137.5

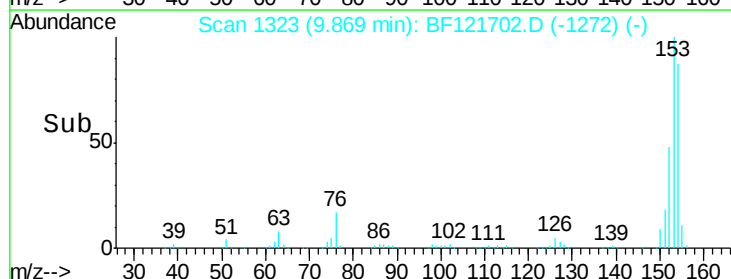
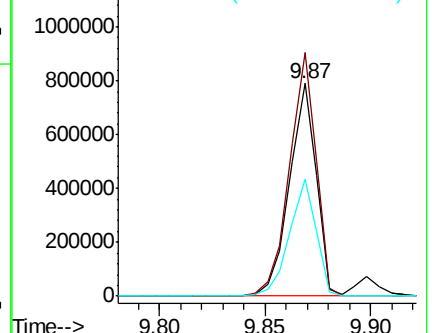
152 55.0 44.0 66.0

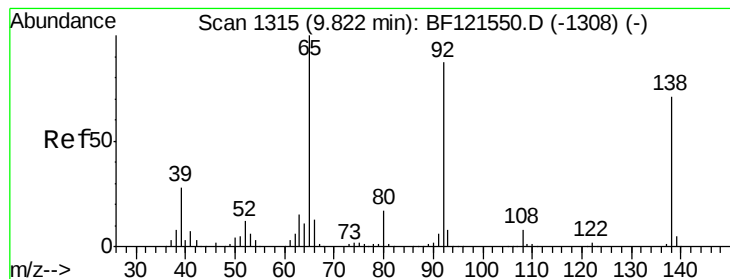


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 41.762 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

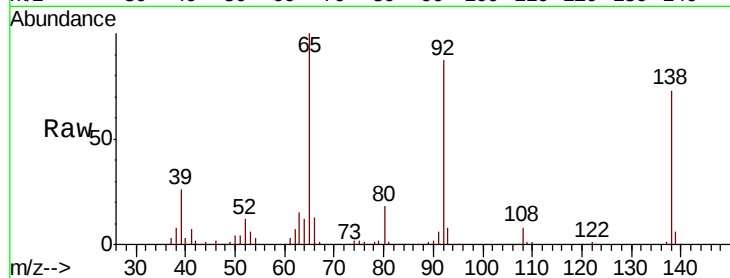
Tot Ion:138 Resp: 230911

Ion Ratio Lower Upper

138 100

108 11.0 8.8 13.2

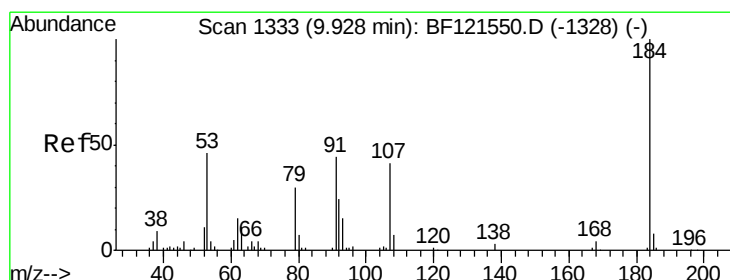
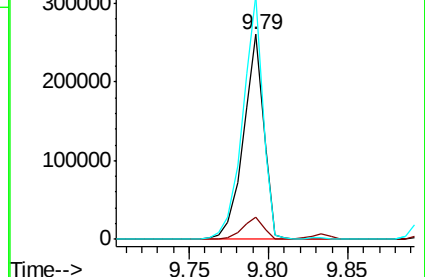
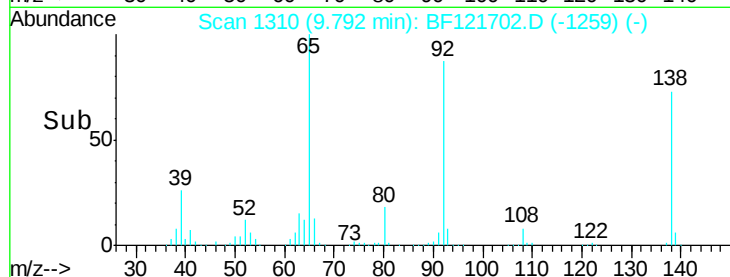
92 118.9 95.1 142.7



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: 41.180 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

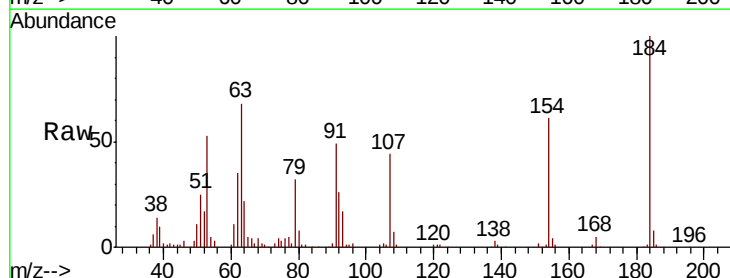
Tgt Ion:184 Resp: 99740

Ion Ratio Lower Upper

184 100

63 68.3 54.6 82.0

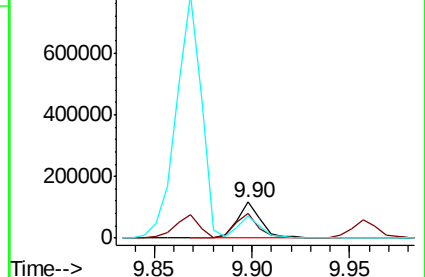
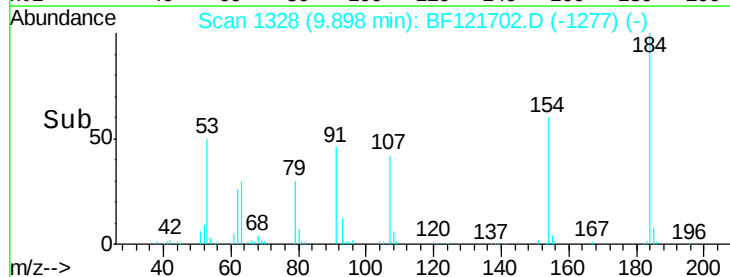
154 60.5 48.4 72.6

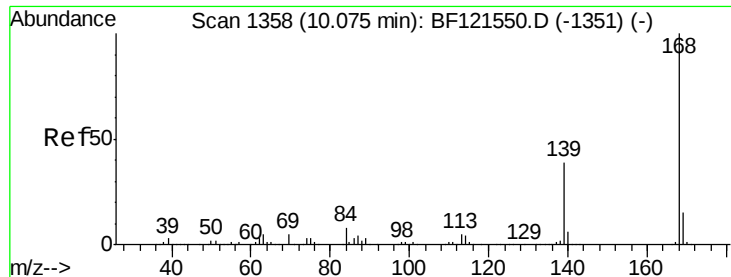


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

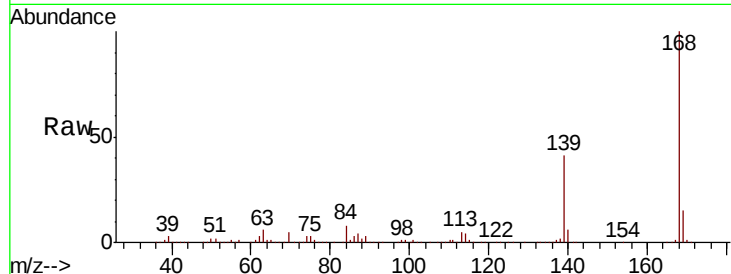




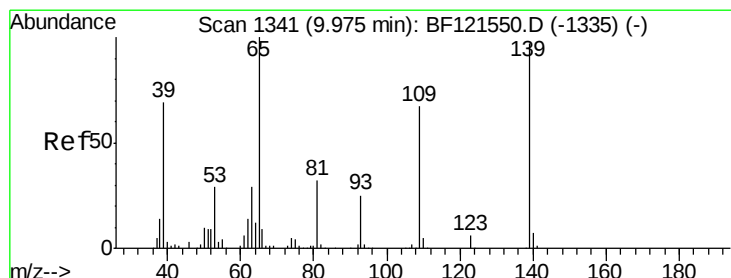
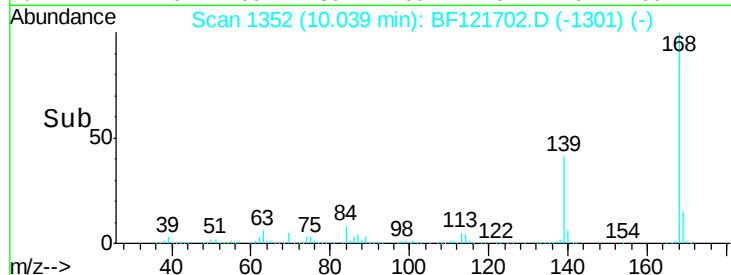
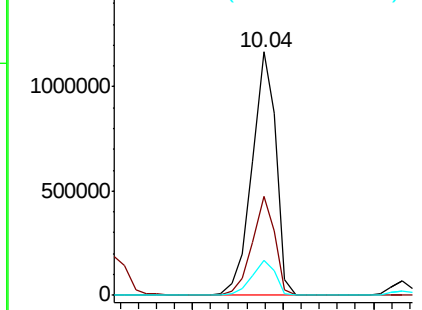
#55
Dibenzenofuran
Concen: 40.058 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF121702.D
Acq: 28 Sep 2020 9:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1067962
Ion Ratio Lower Upper
168 100
139 40.8 32.6 49.0
169 14.6 11.7 17.5

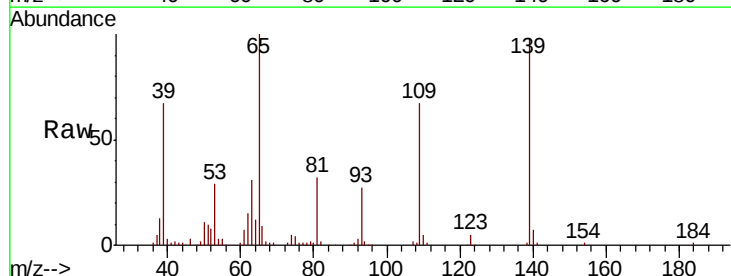


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

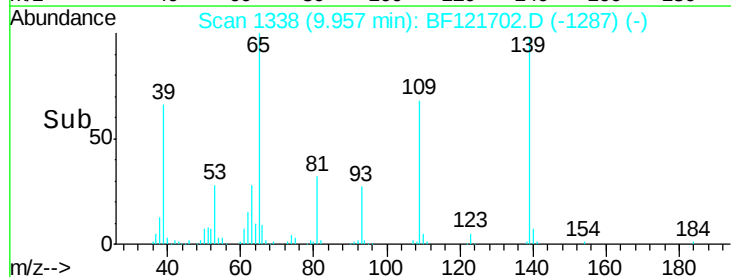
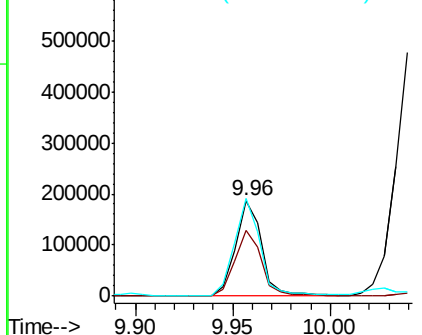


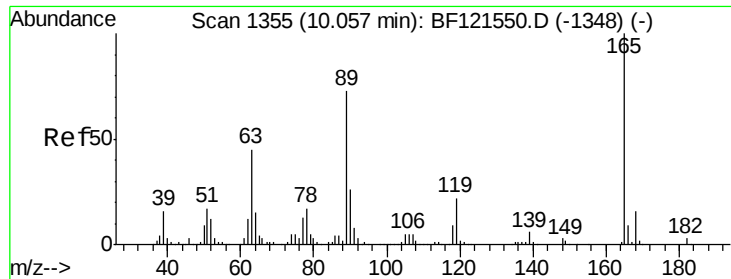
#56
4-Nitrophenol
Concen: 39.958 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF121702.D
Acq: 28 Sep 2020 9:27

Tgt Ion:139 Resp: 176200
Ion Ratio Lower Upper
139 100
109 69.0 49.0 89.0
65 102.5 82.5 122.5



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

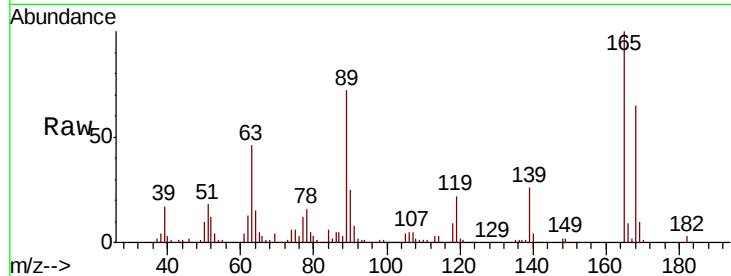




#57
2,4-Dinitrotoluene
Concen: 45.286 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF121702.D
Acq: 28 Sep 2020 9:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.8	36.6	55.0
89	72.0	57.6	86.4
182	2.9	2.3	3.5



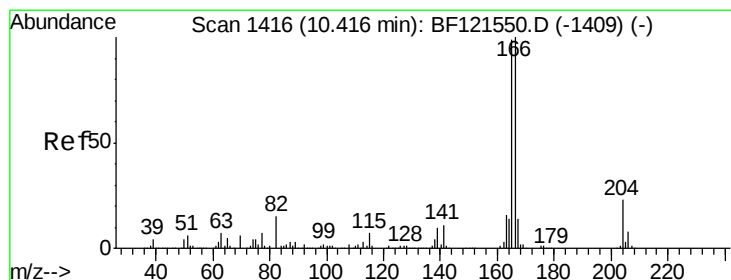
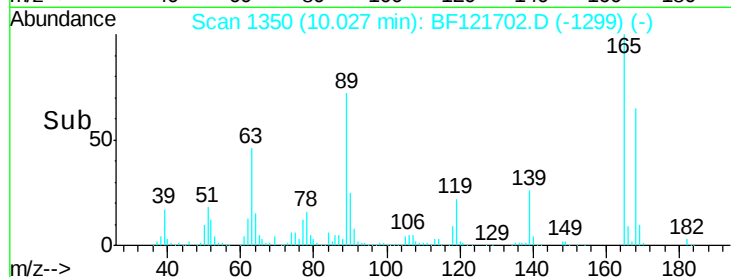
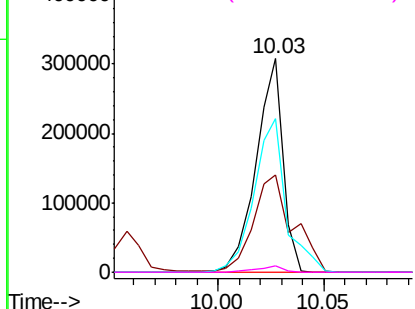
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

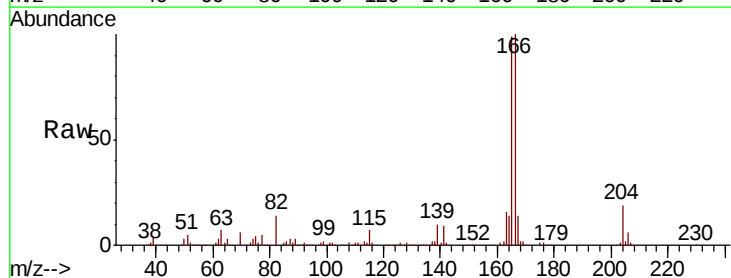
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.606 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF121702.D
Acq: 28 Sep 2020 9:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.8	118.2
167	13.7	11.0	16.4

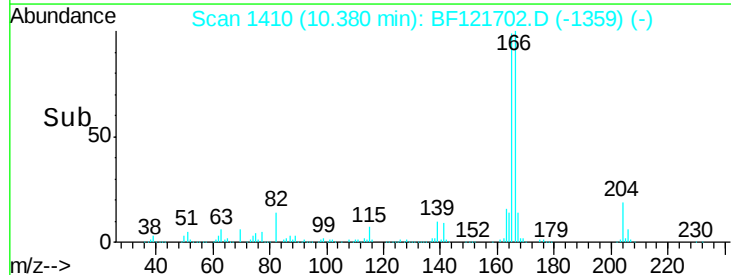
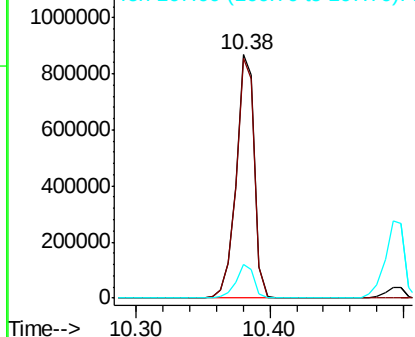


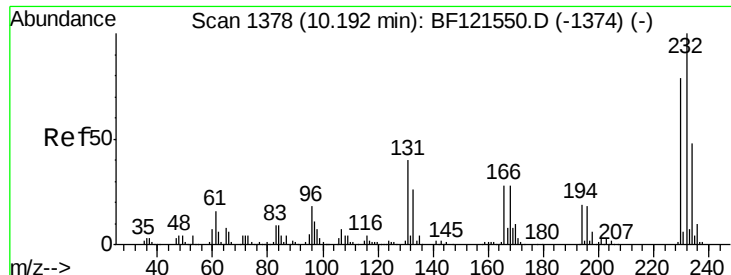
Abundance

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

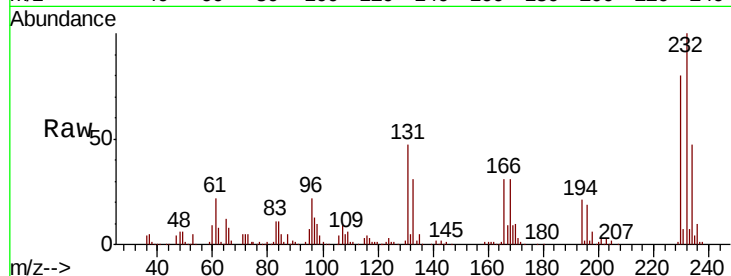




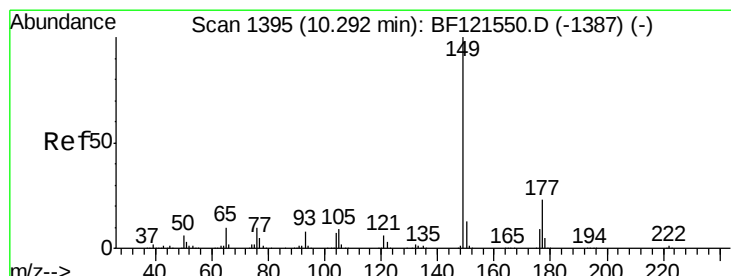
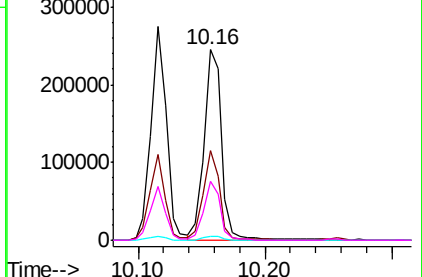
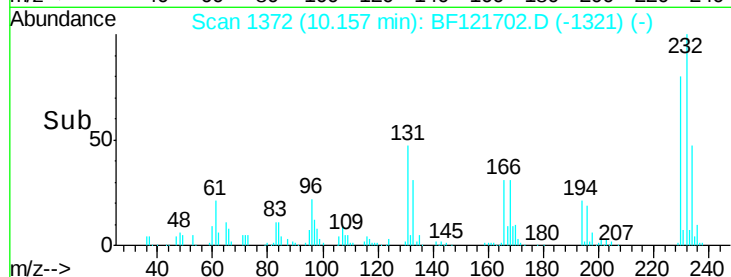
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.388 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: BF121702.D
 Acq: 28 Sep 2020 9:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	234190
Ion	Ratio	Lower	Upper
232	100		
131	45.0	36.0	54.0
130	2.2	1.8	2.6
166	29.5	23.6	35.4

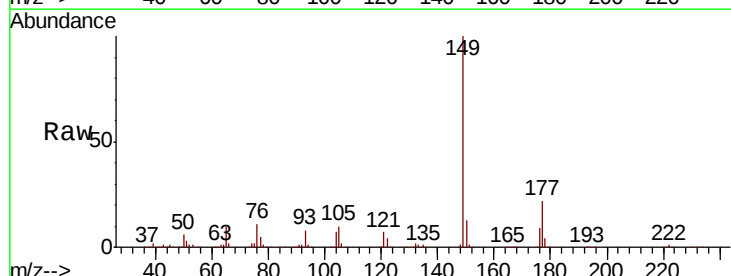


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

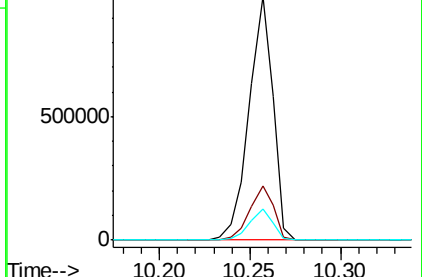
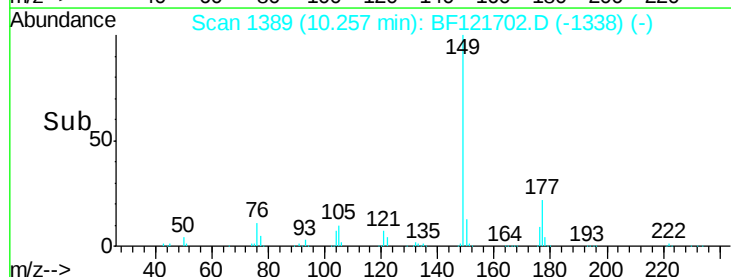


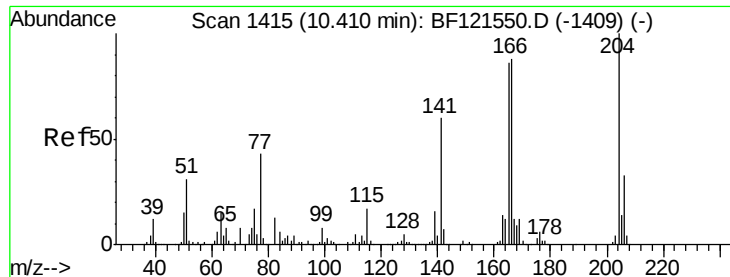
#60
 Diethylphthalate
 Concen: 41.448 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF121702.D
 Acq: 28 Sep 2020 9:27

Tgt Ion:	149	Resp:	905703
Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.6	26.4
150	12.8	10.2	15.4



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

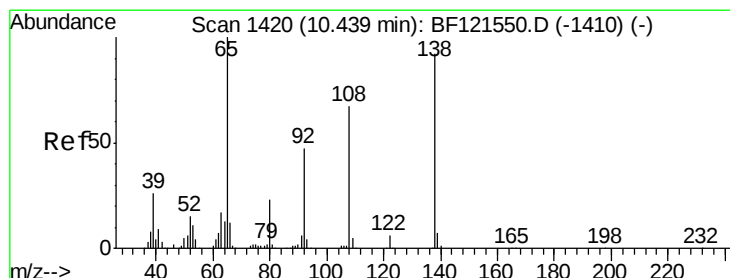
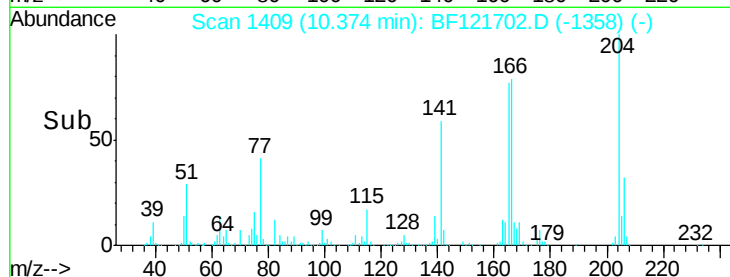
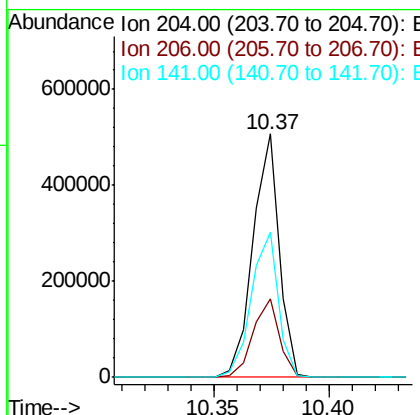
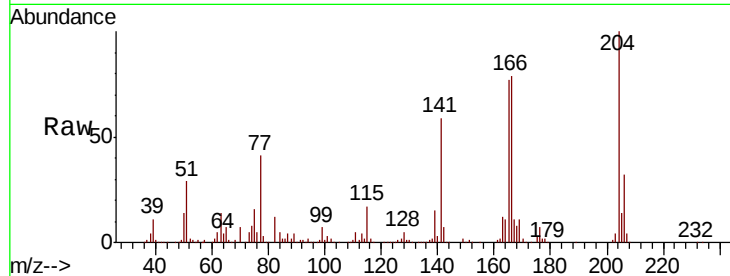




#61
4-Chlorophenyl-phenylether
Concen: 41.368 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF121702.D
Acq: 28 Sep 2020 9:27

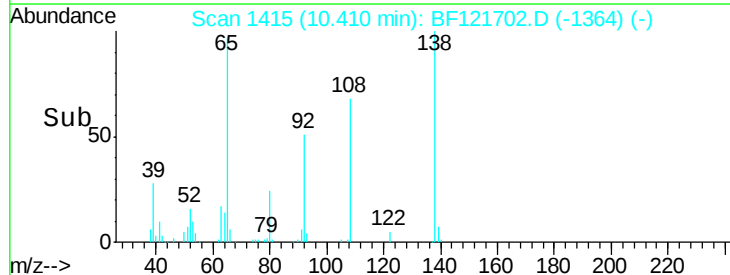
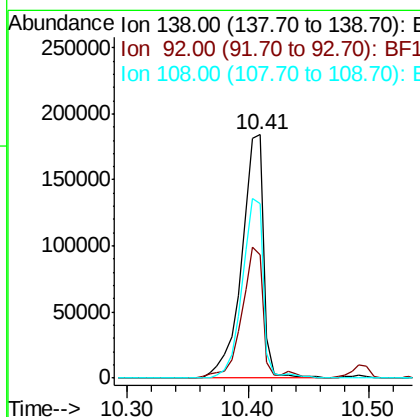
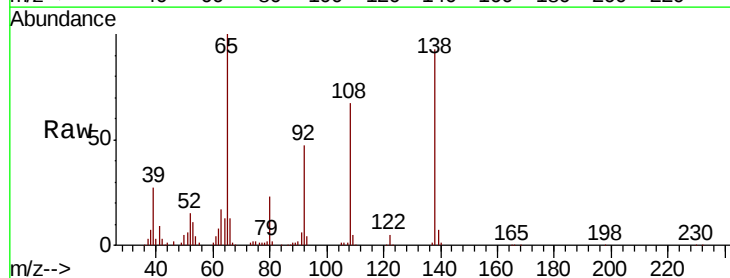
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

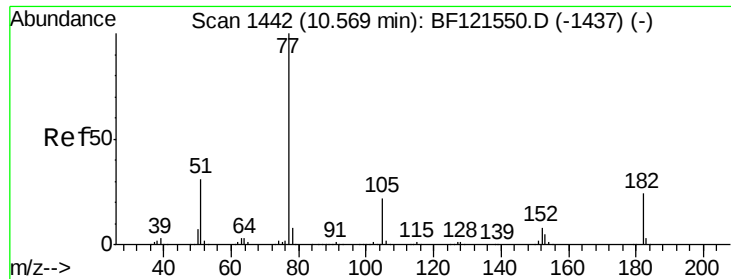
Tot Ion:204 Resp: 404026
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.8
141 59.3 47.4 71.2



#62
4-Nitroaniline
Concen: 42.596 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF121702.D
Acq: 28 Sep 2020 9:27

Tgt Ion:138 Resp: 233856
Ion Ratio Lower Upper
138 100
92 50.6 30.6 70.6
108 71.6 51.6 91.6





#63

Azobenzene

Concen: 40.538 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 943305

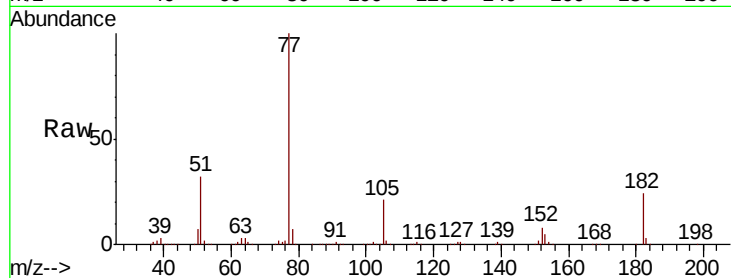
Ion Ratio Lower Upper

77 100

182 24.2 4.2 44.2

105 21.4 1.4 41.4

51 31.5 11.5 51.5

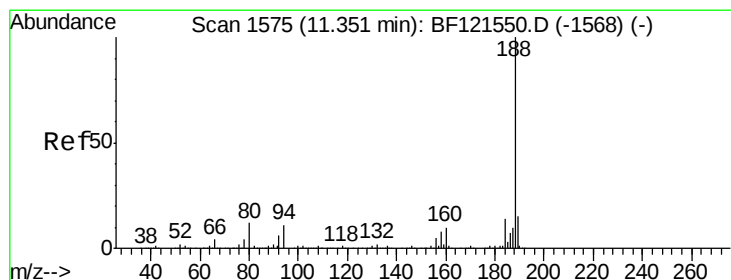
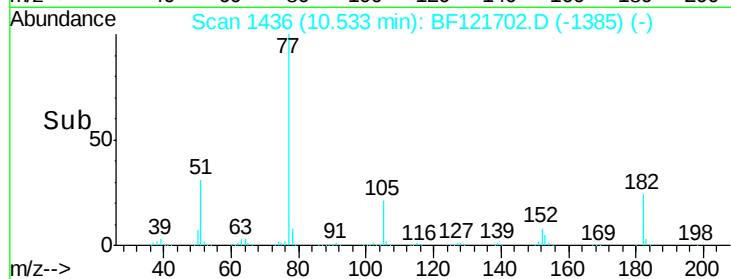
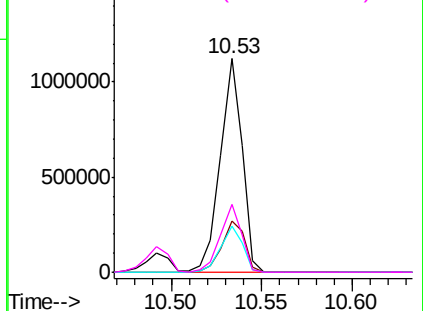


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

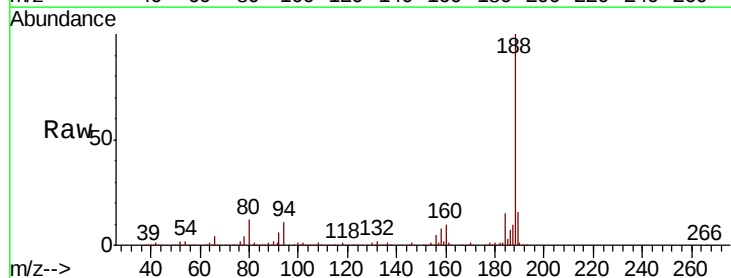
Tgt Ion: 188 Resp: 584632

Ion Ratio Lower Upper

188 100

94 10.5 8.4 12.6

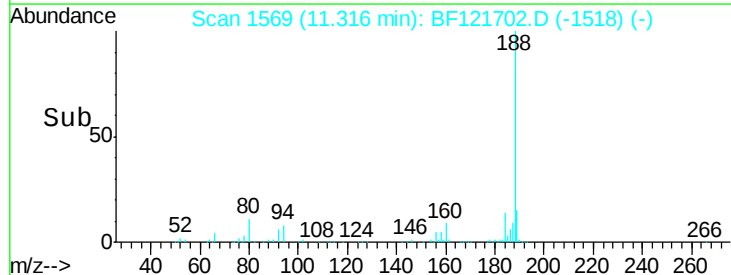
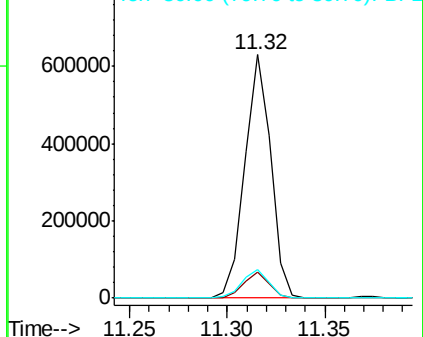
80 11.6 9.3 13.9

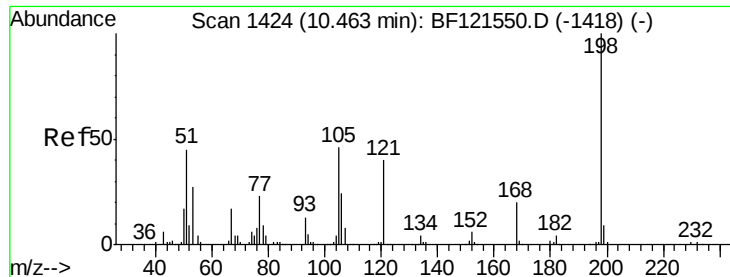


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 42.479 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

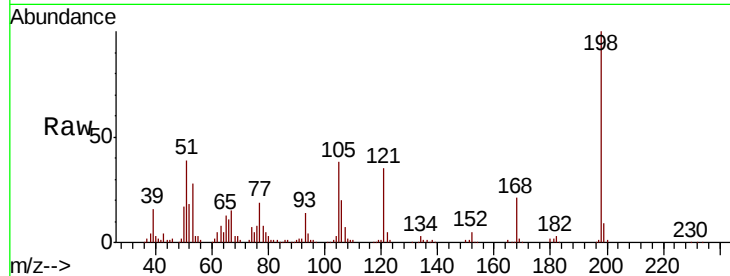
Tot Ion:198 Resp: 149096

Ion Ratio Lower Upper

198 100

51 38.8 18.8 58.8

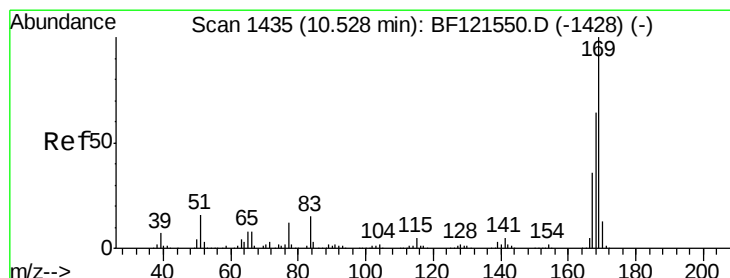
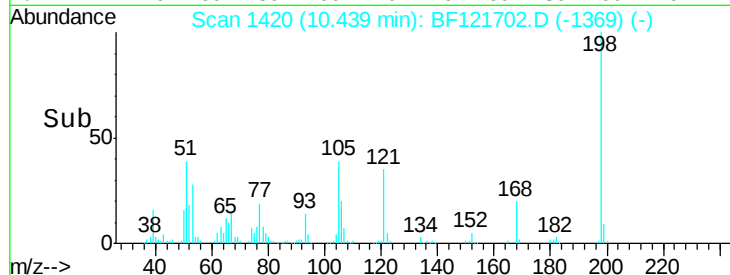
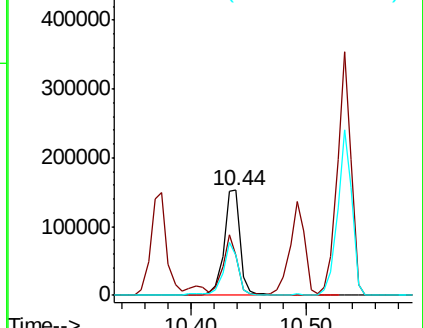
105 38.5 18.5 58.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.676 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

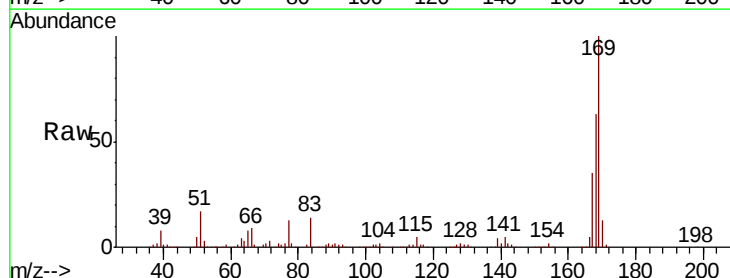
Tgt Ion:169 Resp: 795791

Ion Ratio Lower Upper

169 100

168 63.1 50.5 75.7

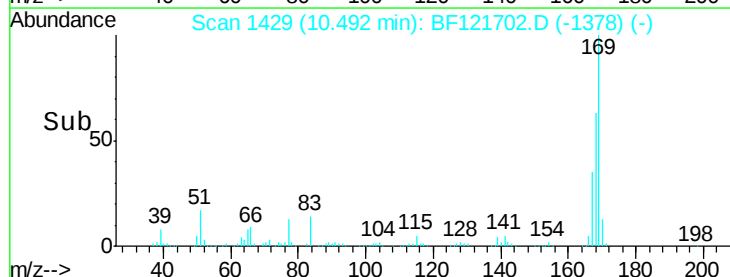
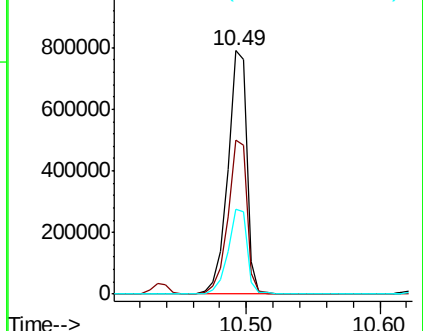
167 35.0 28.0 42.0

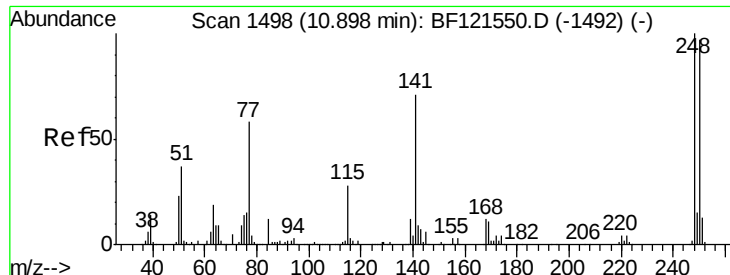


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

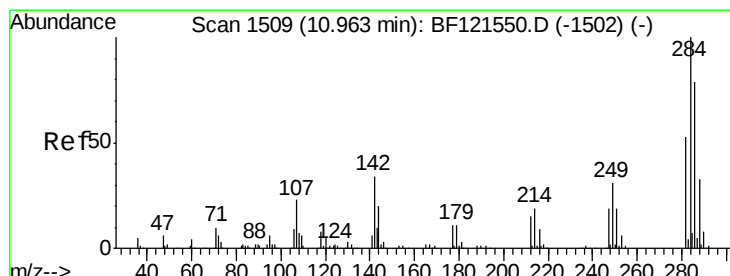
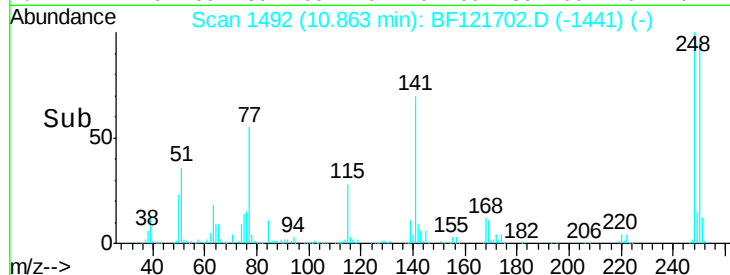
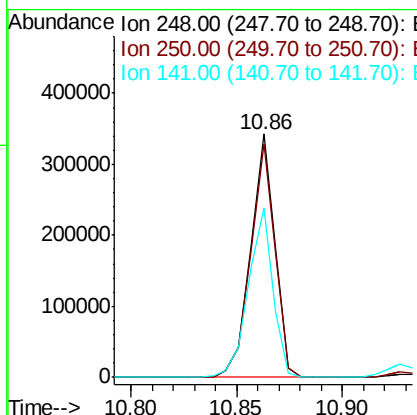
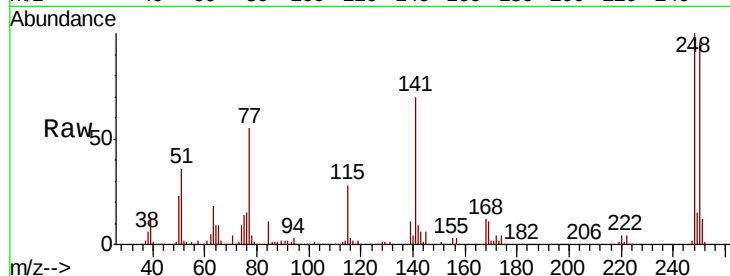




#67
 4-Bromophenyl-phenylether
 Concen: 41.308 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF121702.D
 Acq: 28 Sep 2020 9:27

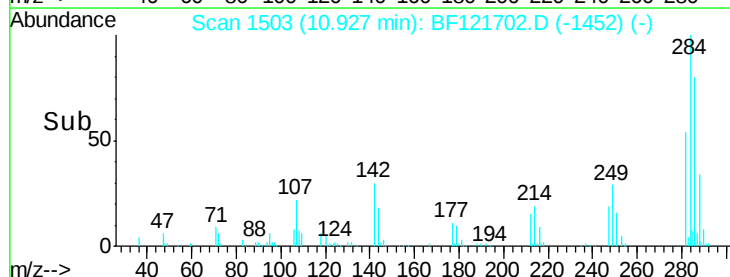
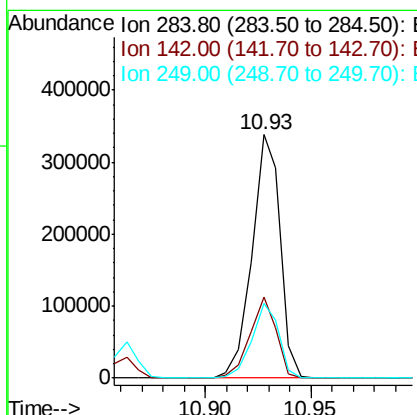
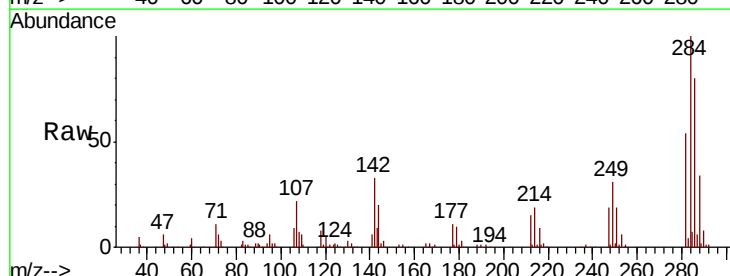
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

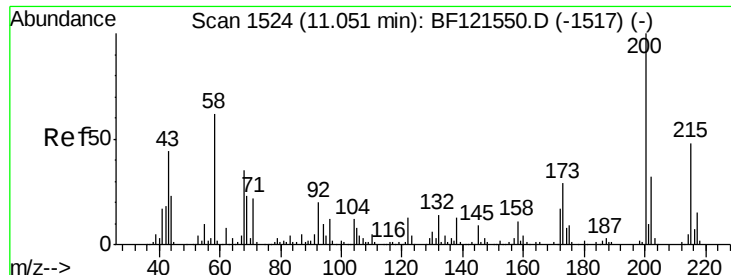
Tot Ion:	248	Resp:	274959
Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.8	115.2
141	69.6	55.7	83.5



#68
 Hexachlorobenzene
 Concen: 41.614 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.00 min
 Lab File: BF121702.D
 Acq: 28 Sep 2020 9:27

Tgt Ion:	284	Resp:	312599
Ion	Ratio	Lower	Upper
284	100		
142	33.2	26.6	39.8
249	30.9	24.7	37.1





#69

Atrazine

Concen: 41.630 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

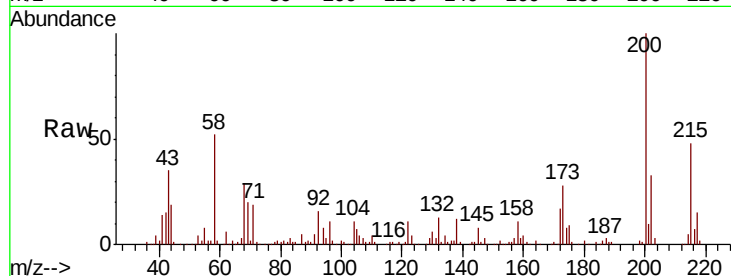
Tot Ion:200 Resp: 207448

Ion Ratio Lower Upper

200 100

173 27.6 7.6 47.6

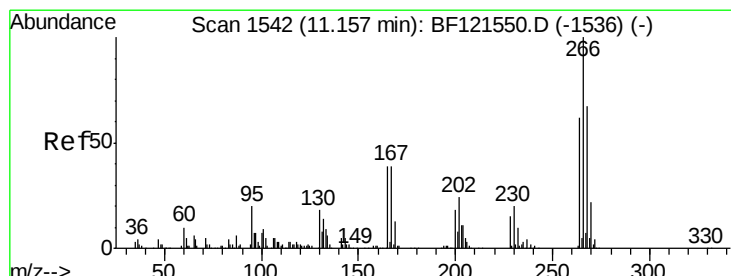
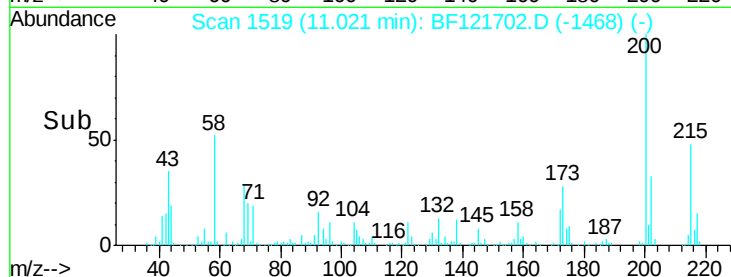
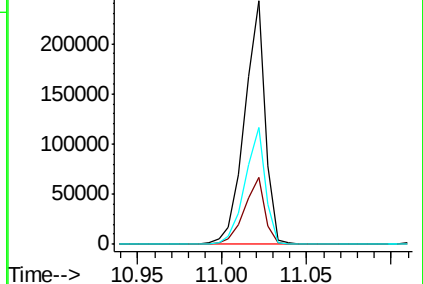
215 48.0 28.0 68.0



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: 38.723 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

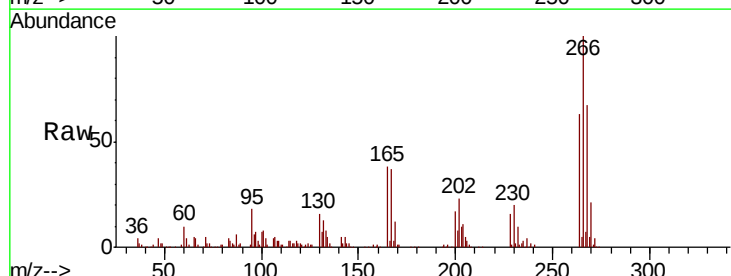
Tgt Ion:266 Resp: 159749

Ion Ratio Lower Upper

266 100

268 67.1 53.7 80.5

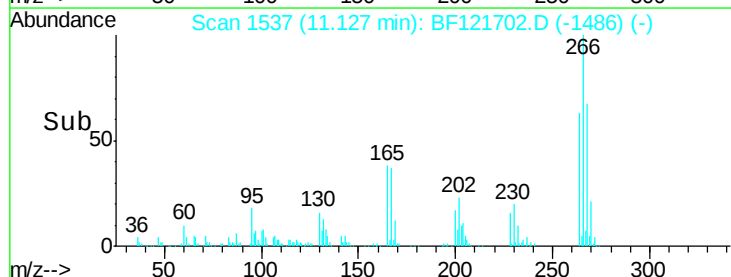
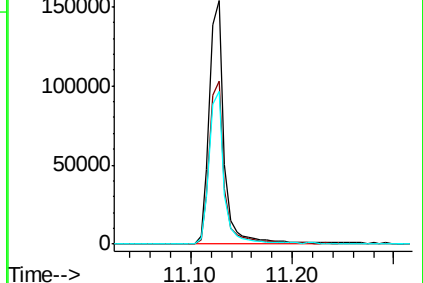
264 62.7 50.2 75.2

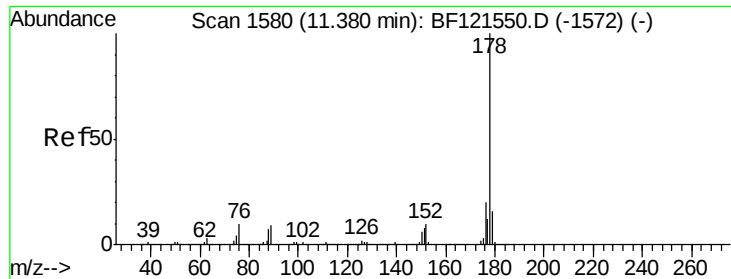


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

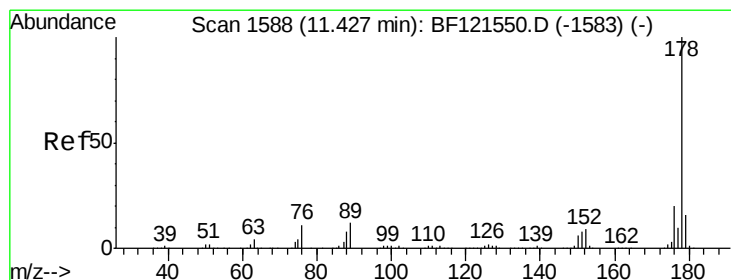
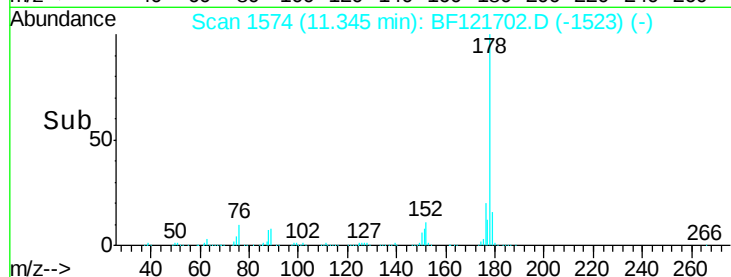
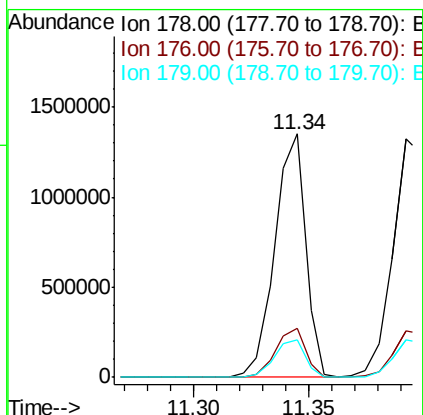
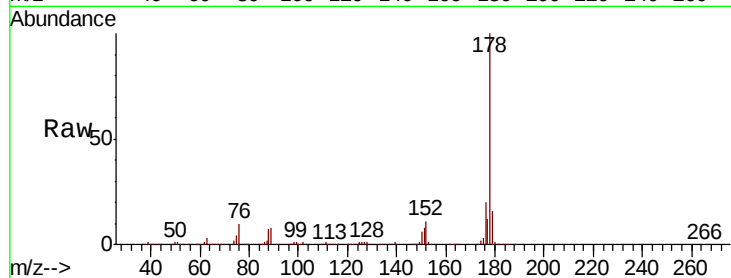




#71
Phenanthrene
Concen: 39.333 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF121702.D
Acq: 28 Sep 2020 9:27

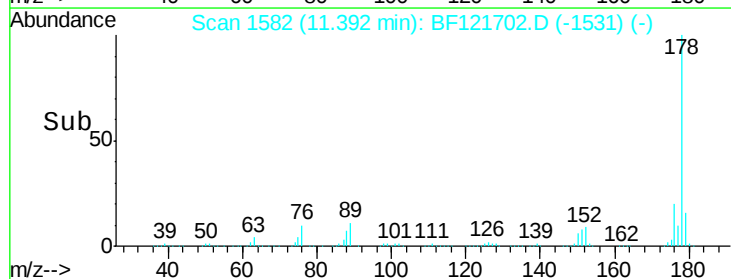
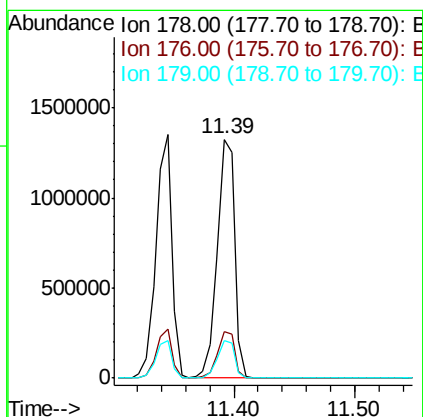
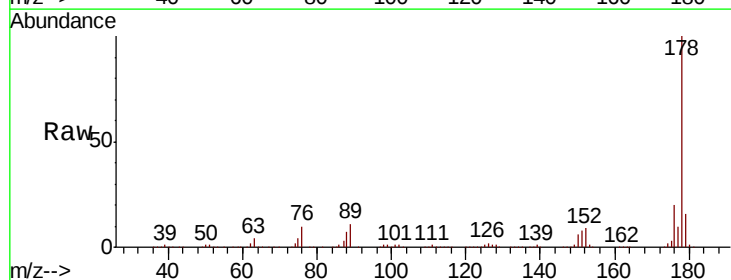
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

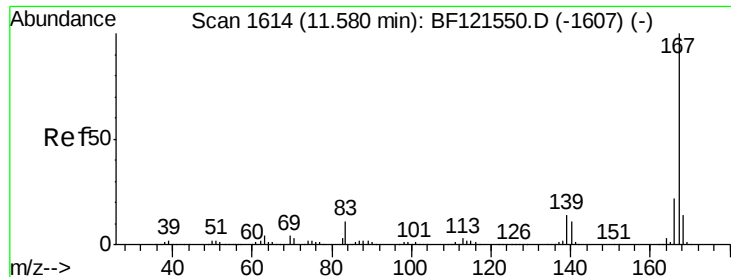
Tot Ion:178 Resp: 1252892
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 15.6 12.5 18.7



#72
Anthracene
Concen: 39.657 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF121702.D
Acq: 28 Sep 2020 9:27

Tgt Ion:178 Resp: 1303570
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.9 12.7 19.1

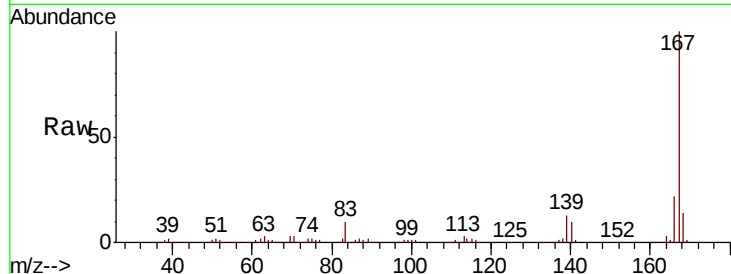




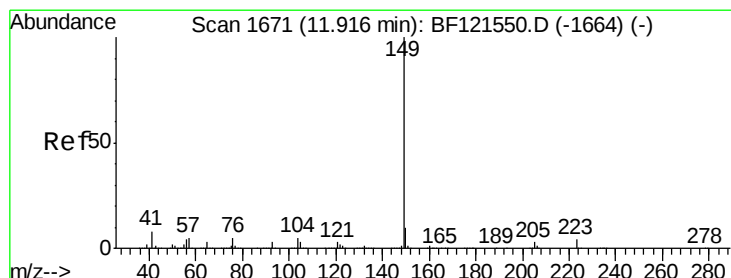
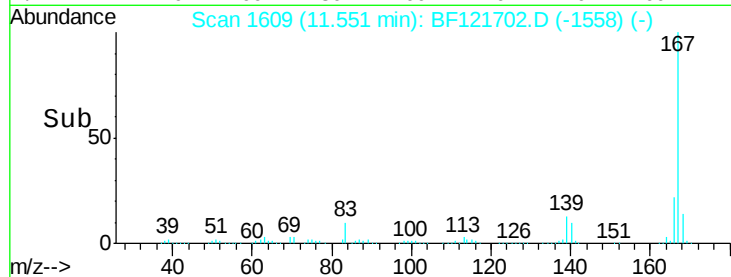
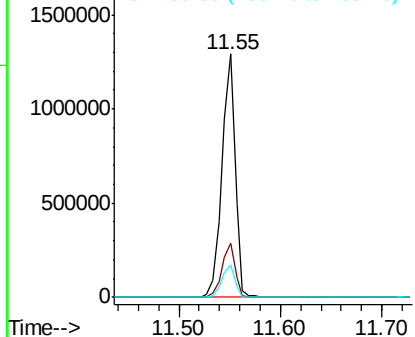
#73
 Carbazole
 Concen: 39.498 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF121702.D
 Acq: 28 Sep 2020 9:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1171641
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.4 10.7 16.1

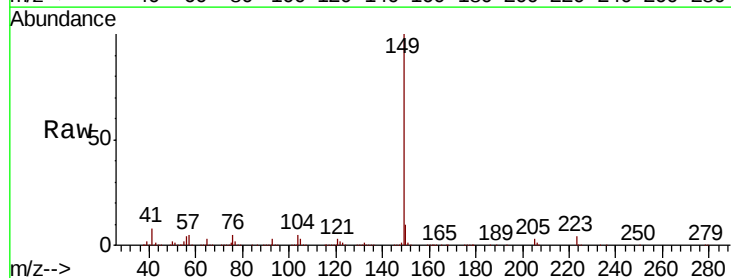


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

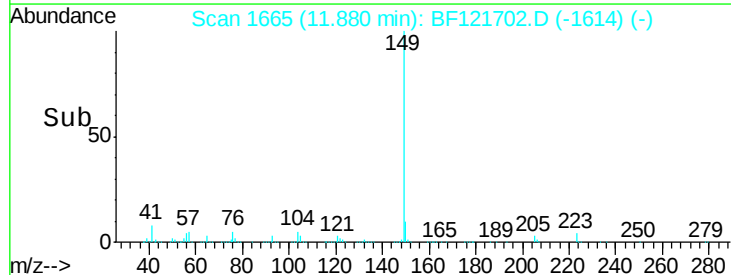
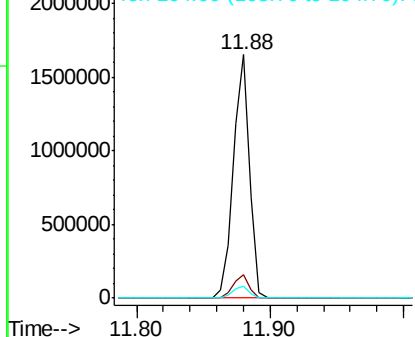


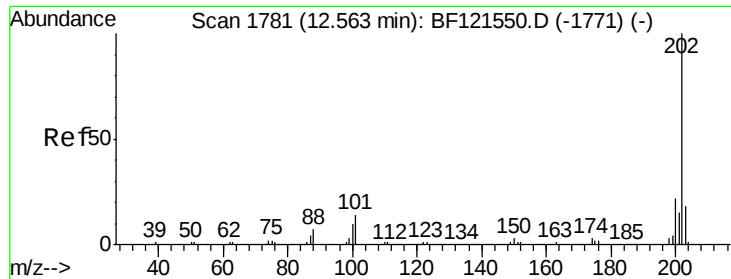
#74
 Di-n-butylphthalate
 Concen: 41.068 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF121702.D
 Acq: 28 Sep 2020 9:27

Tgt Ion:149 Resp: 1406003
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.1 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

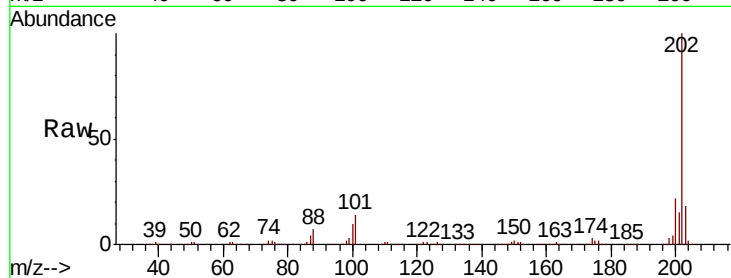




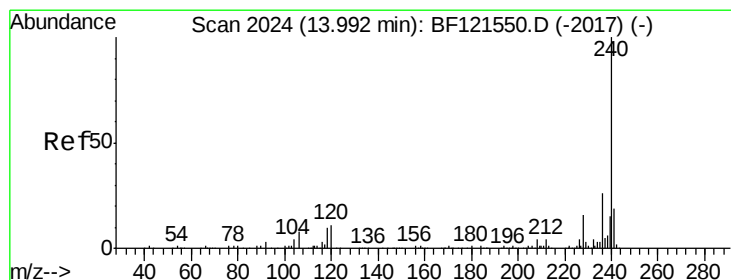
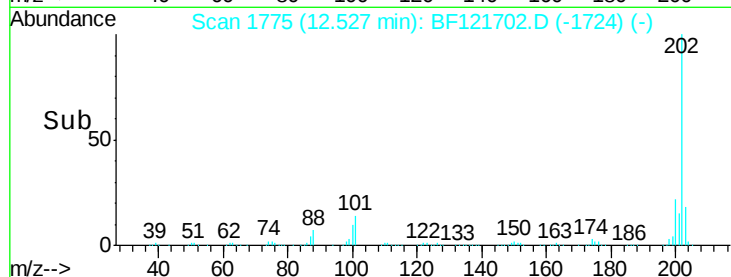
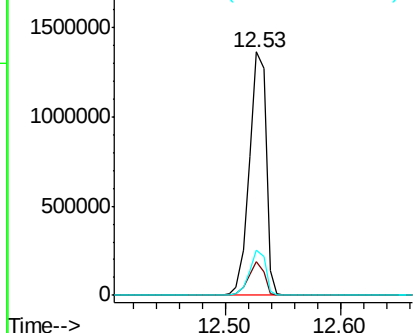
#75
Fluoranthene
Concen: 40.262 ng
RT: 12.53 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BF121702.D
Acq: 28 Sep 2020 9:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1369016
Ion Ratio Lower Upper
202 100
101 13.7 0.0 33.7
203 18.5 0.0 38.5

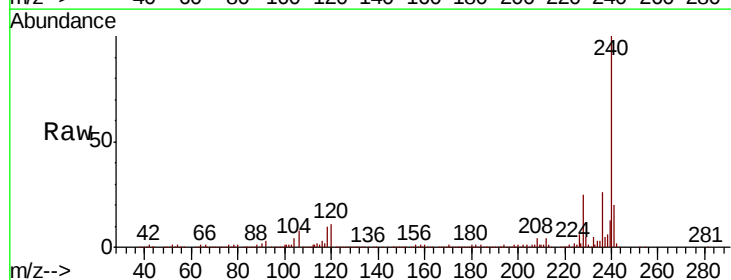


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

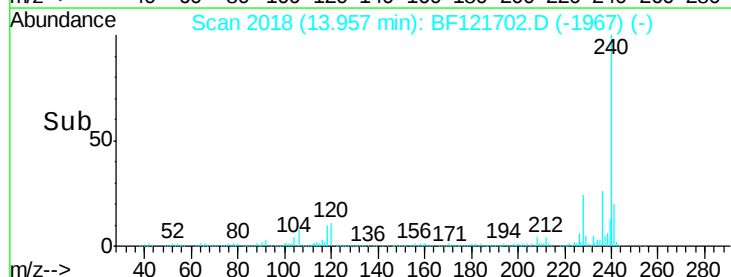
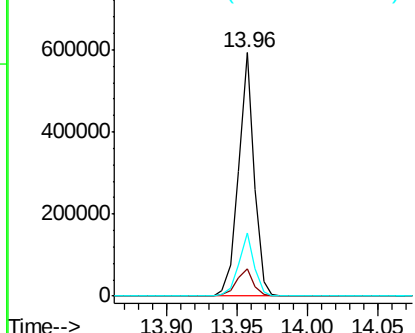


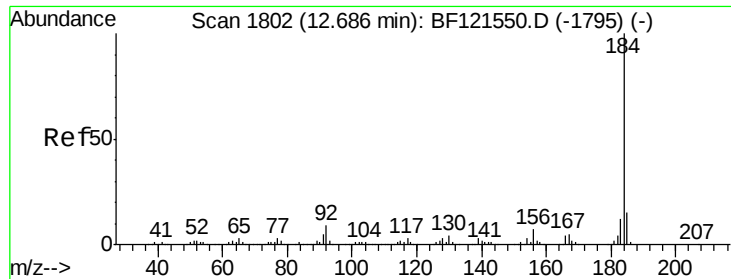
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF121702.D
Acq: 28 Sep 2020 9:27

Tgt Ion:240 Resp: 455911
Ion Ratio Lower Upper
240 100
120 11.4 9.1 13.7
236 25.7 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.536 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

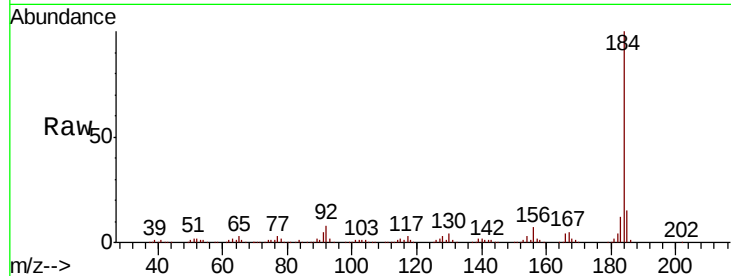
Tot Ion:184 Resp: 506879

Ion Ratio Lower Upper

184 100

185 14.8 11.8 17.8

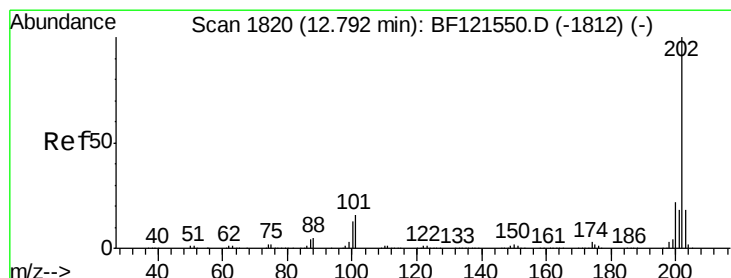
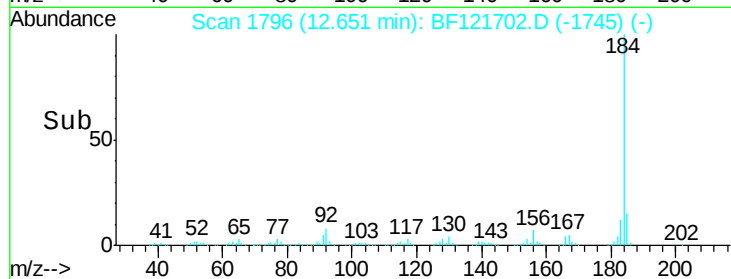
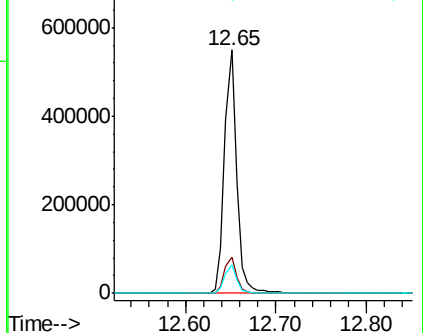
183 11.6 9.3 13.9



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: 42.197 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

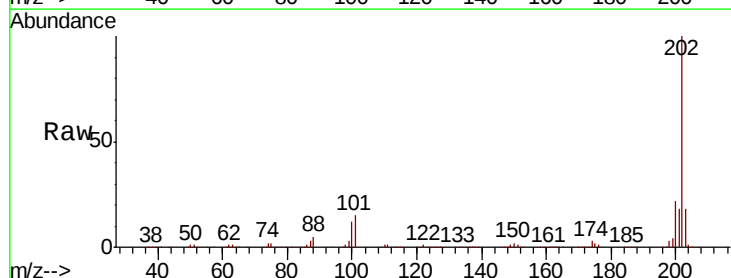
Tgt Ion:202 Resp: 1405587

Ion Ratio Lower Upper

202 100

200 22.3 17.8 26.8

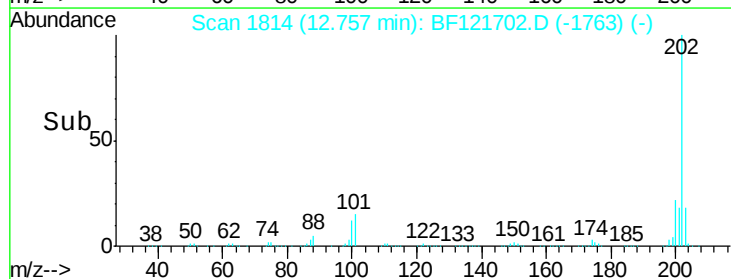
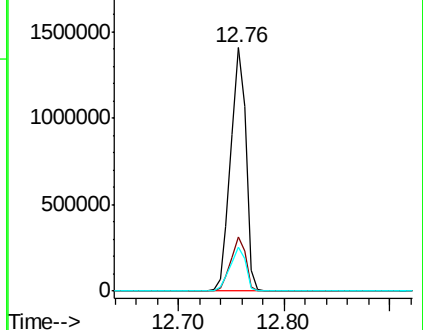
203 17.9 14.3 21.5

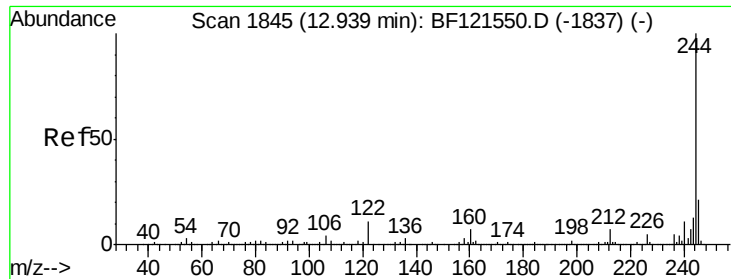


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.812 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

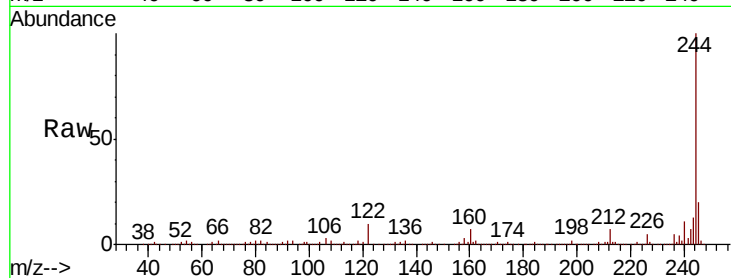
Tot Ion:244 Resp: 1886119

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

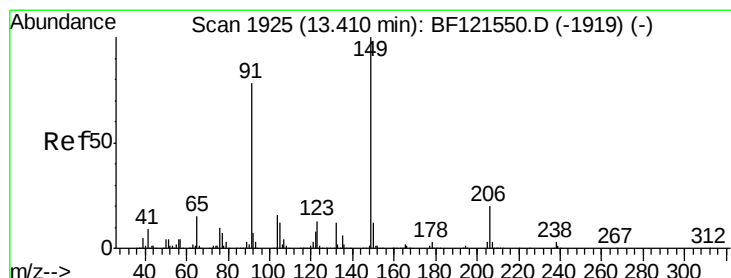
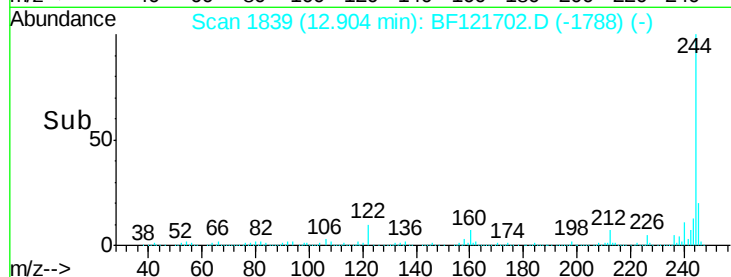
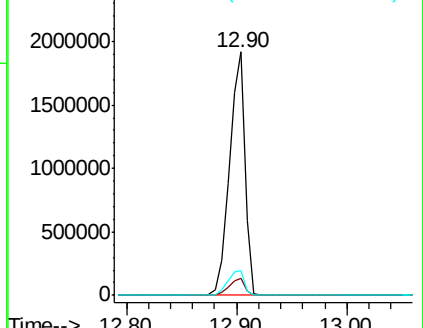
122 10.0 8.0 12.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.079 ng

RT: 13.37 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

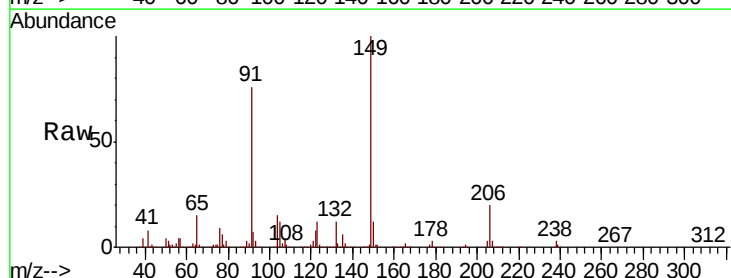
Tgt Ion:149 Resp: 593826

Ion Ratio Lower Upper

149 100

91 76.2 61.0 91.4

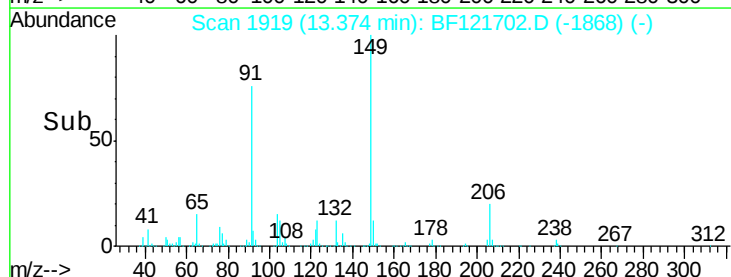
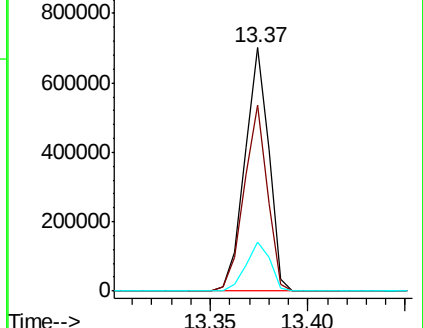
206 20.2 16.2 24.2

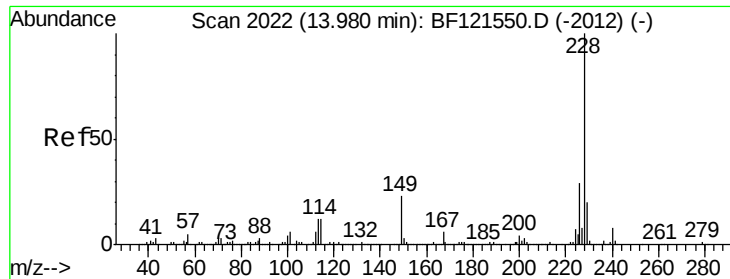


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.879 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

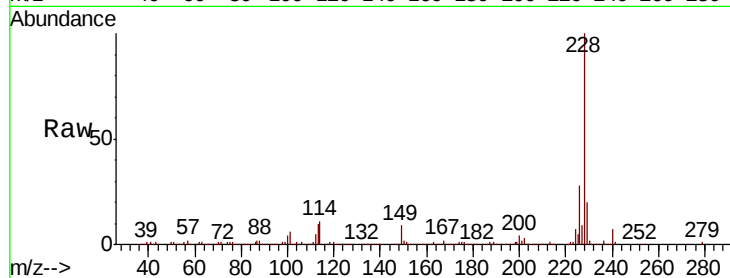
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1179079

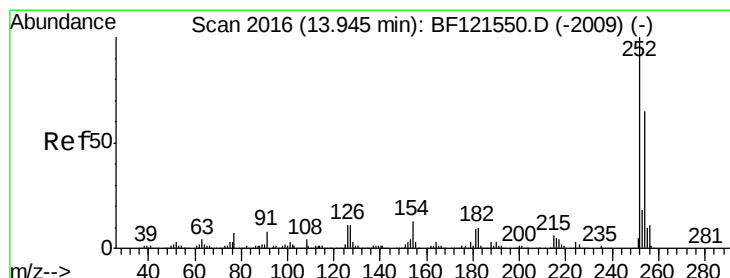
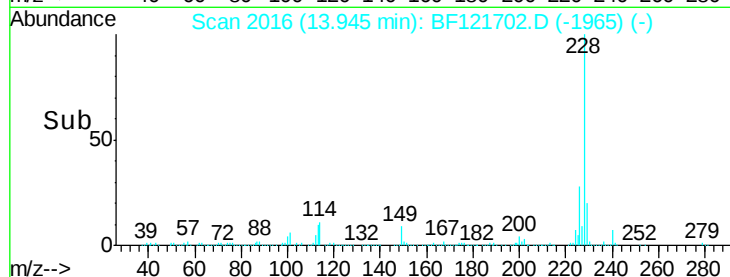
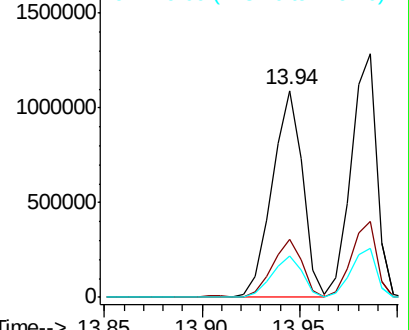
Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.3	16.2	24.4



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: 41.737 ng

RT: 13.91 min Scan# 2010

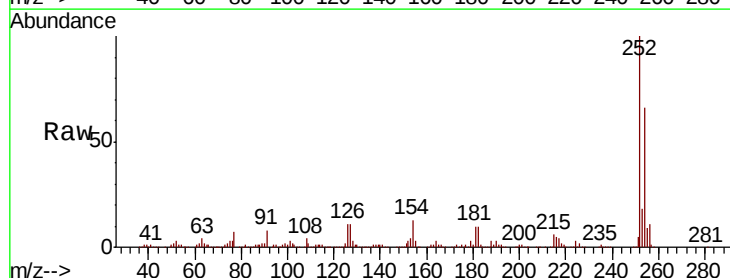
Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Tgt Ion:252 Resp: 469978

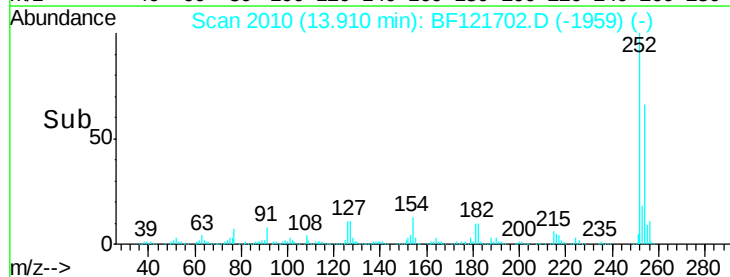
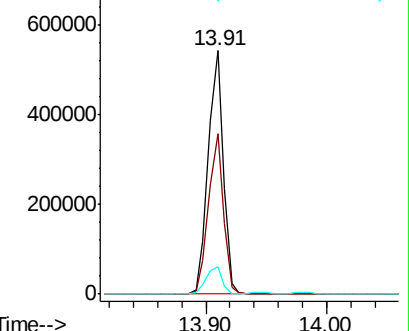
Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.6	78.8
126	11.3	9.0	13.6

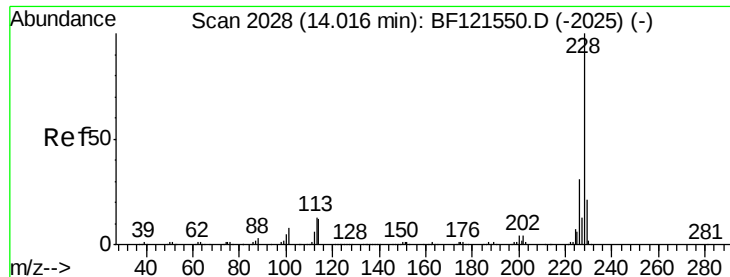


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.209 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

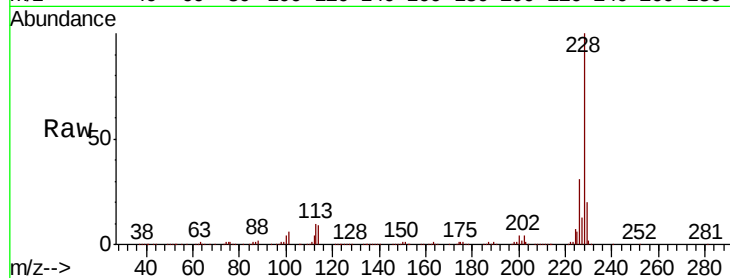
Tot Ion:228 Resp: 1174398

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.4

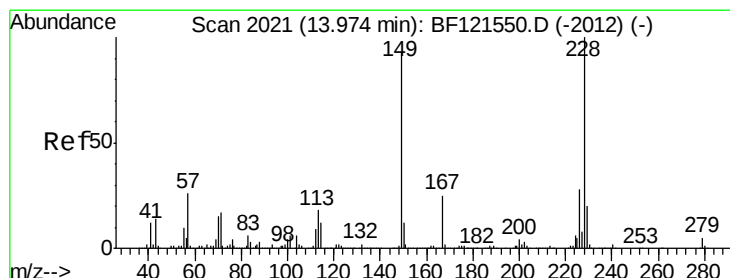
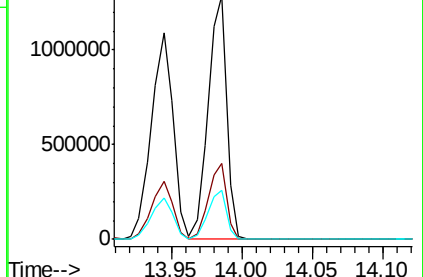
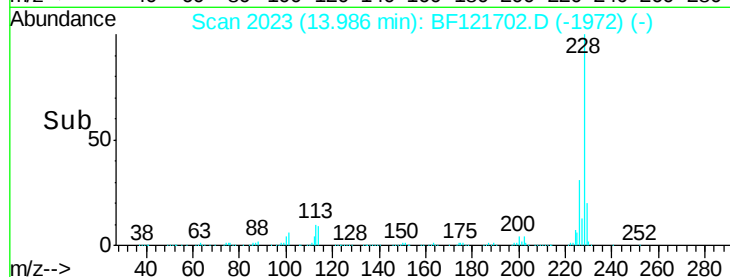
229 20.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.294 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

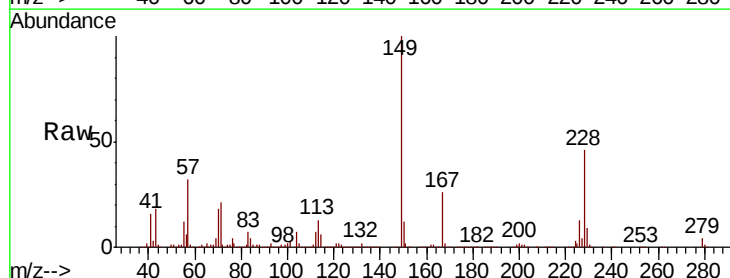
Tgt Ion:149 Resp: 779168

Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

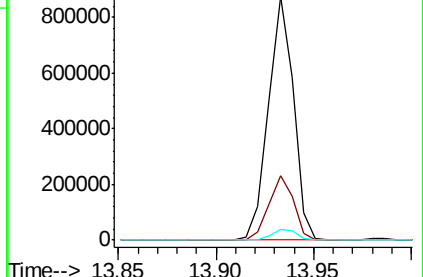
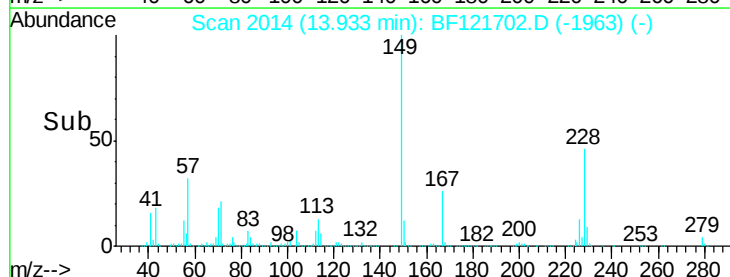
279 4.4 3.5 5.3

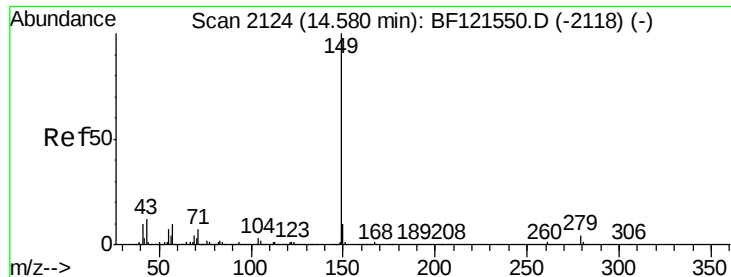


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.863 ng

RT: 14.54 min Scan# 2118

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

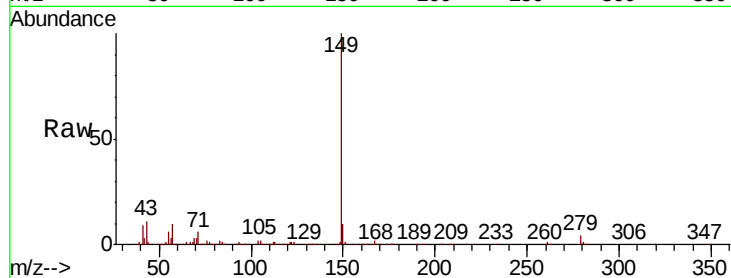
Tot Ion:149 Resp: 1329631

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

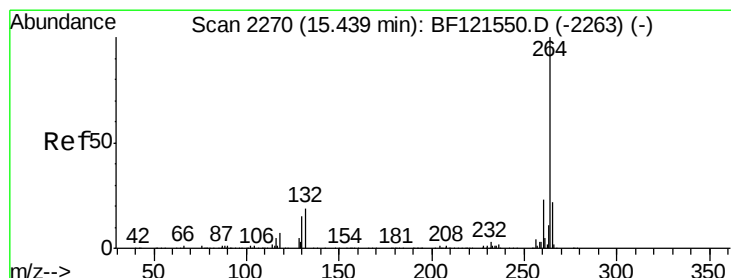
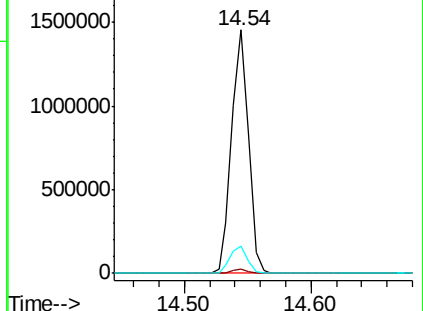
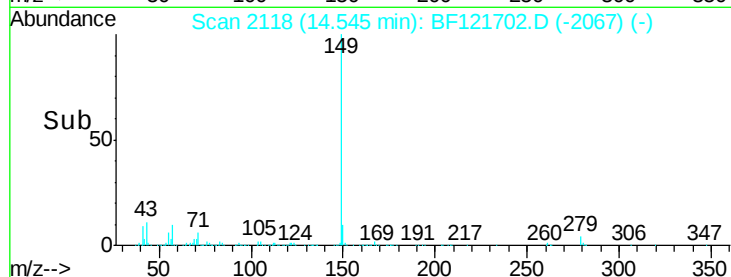
43 11.4 9.1 13.7



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: 15.39 min Scan# 2262

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

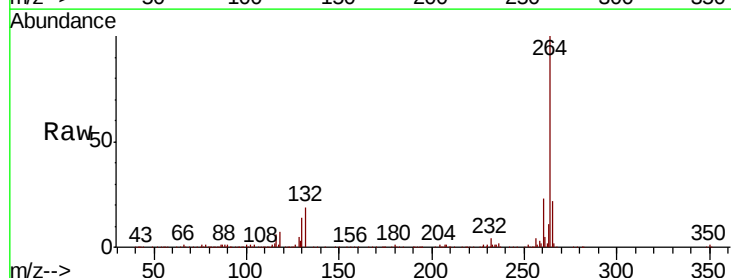
Tgt Ion:264 Resp: 406654

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

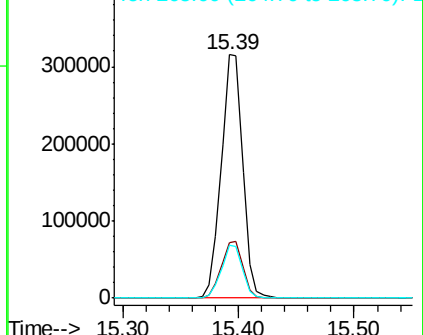
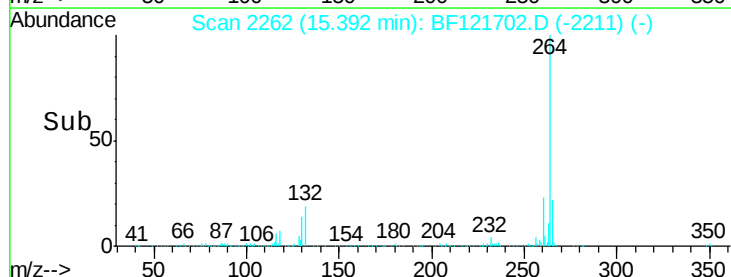
265 21.5 17.2 25.8

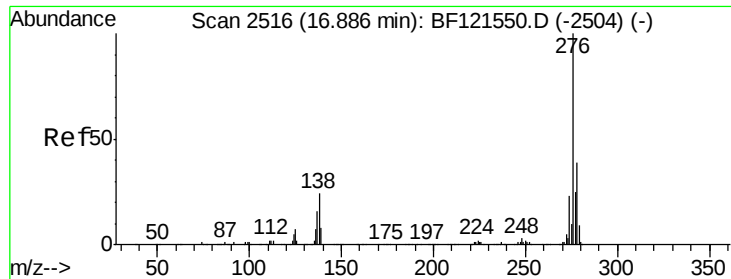


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

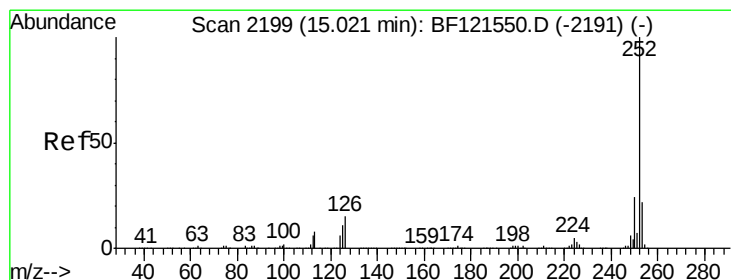
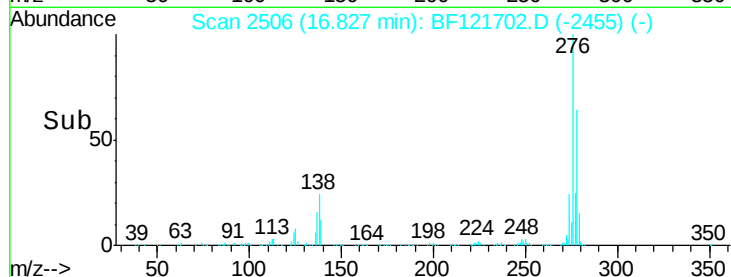
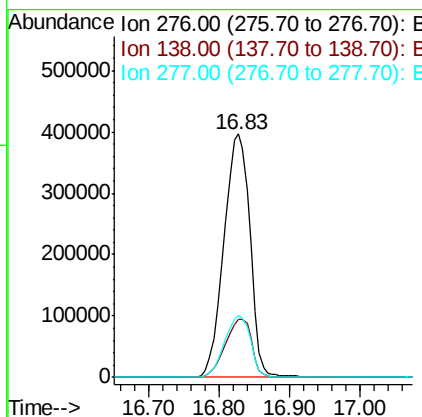
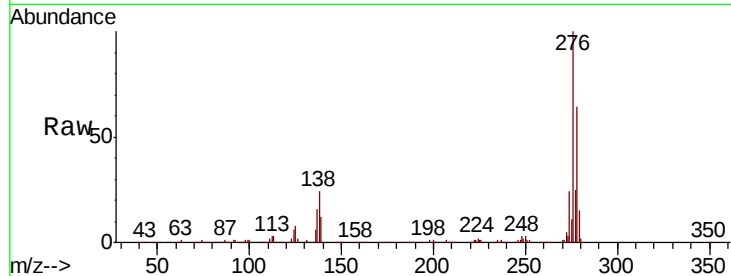




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.323 ng
 RT: 16.83 min Scan# 2506
 Delta R.T. 0.00 min
 Lab File: BF121702.D
 Acq: 28 Sep 2020 9:27

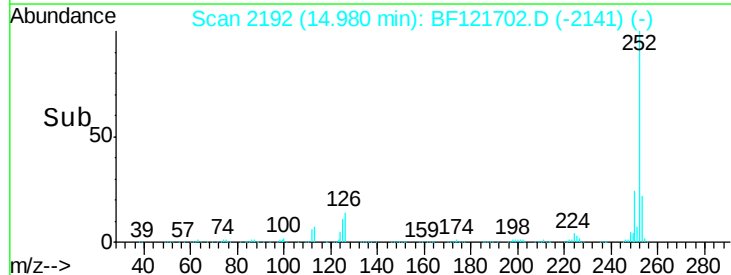
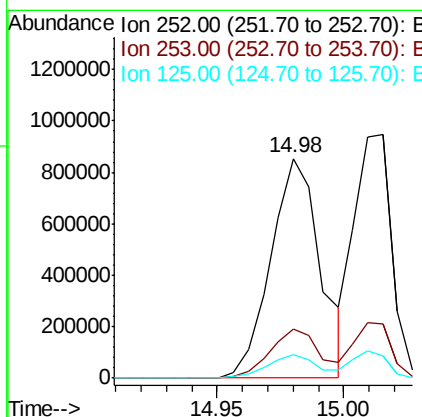
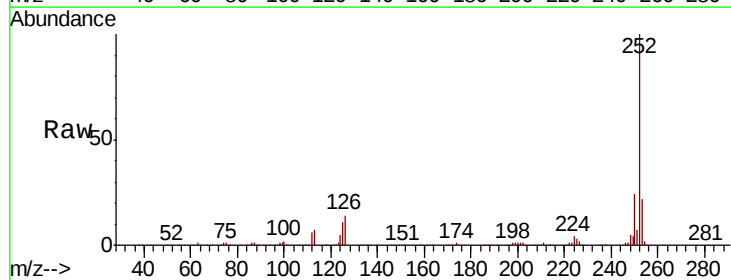
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

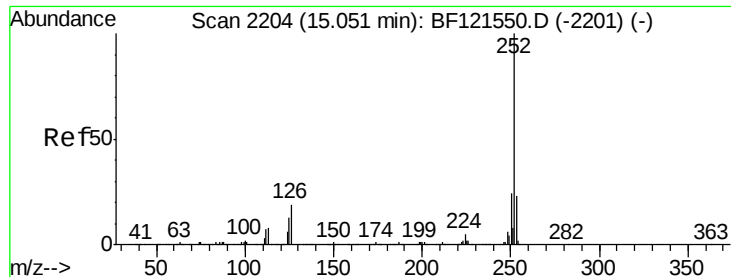
Tot Ion:276 Resp: 1014880
 Ion Ratio Lower Upper
 276 100
 138 24.4 19.5 29.3
 277 25.3 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 42.704 ng
 RT: 14.98 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: BF121702.D
 Acq: 28 Sep 2020 9:27

Tgt Ion:252 Resp: 1160931
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.8 26.6
 125 10.8 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 39.499 ng

RT: 15.02 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

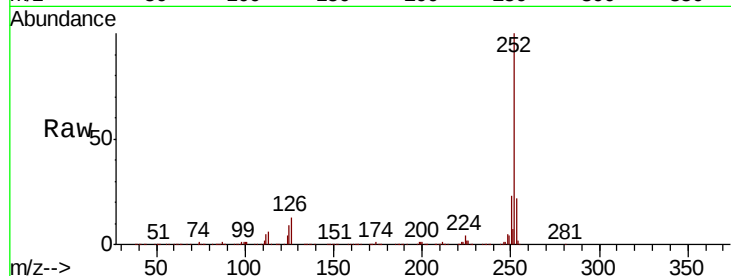
Tot Ion:252 Resp: 983304

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

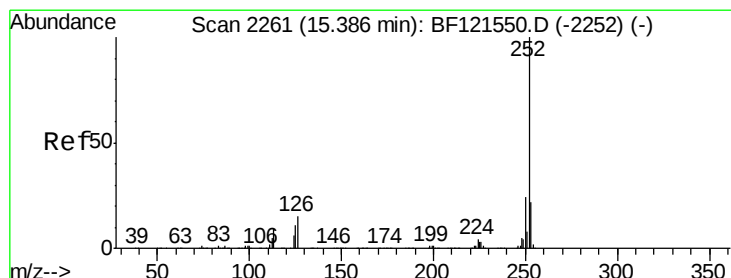
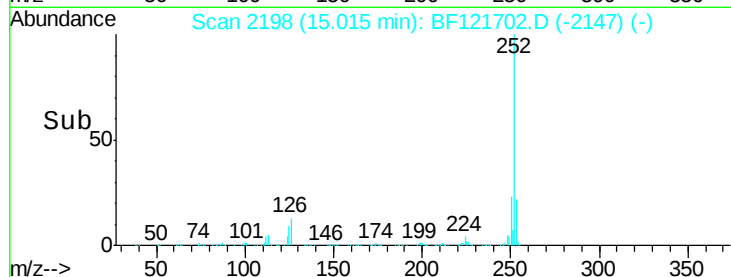
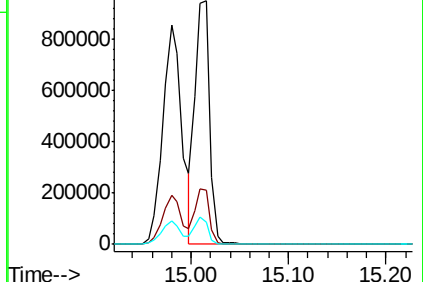
125 8.9 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.969 ng

RT: 15.34 min Scan# 2253

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

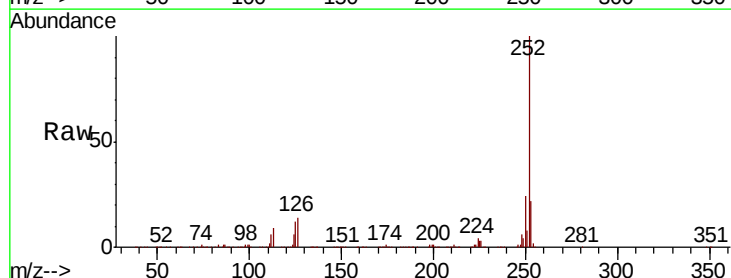
Tgt Ion:252 Resp: 946736

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

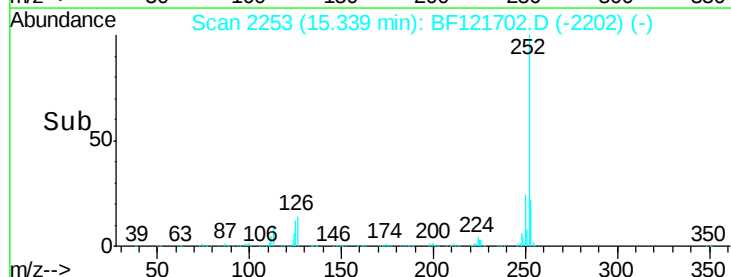
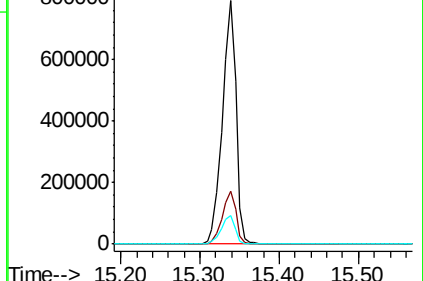
125 11.5 9.2 13.8

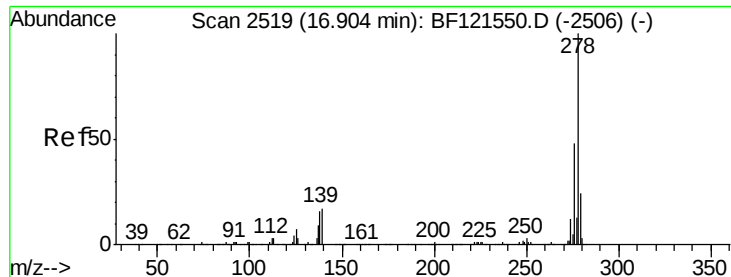


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.001 ng

RT: 16.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

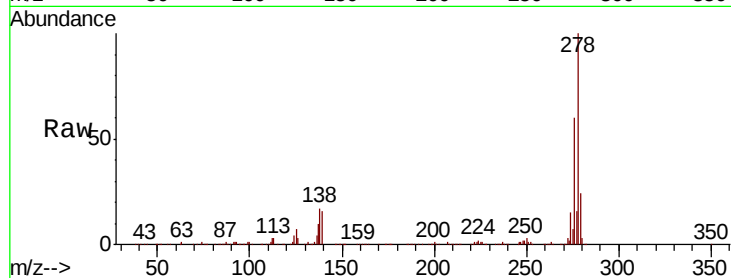
Tot Ion:278 Resp: 837720

Ion Ratio Lower Upper

278 100

139 16.2 13.0 19.4

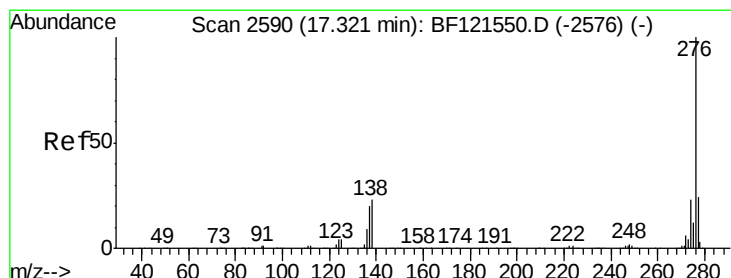
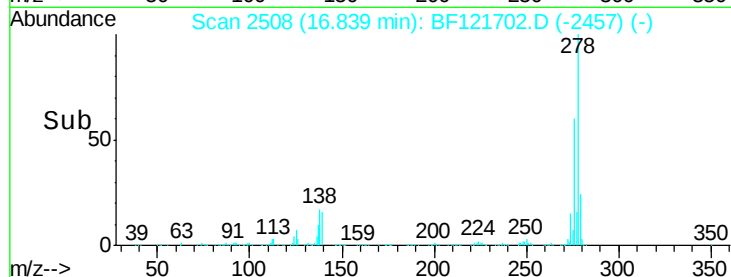
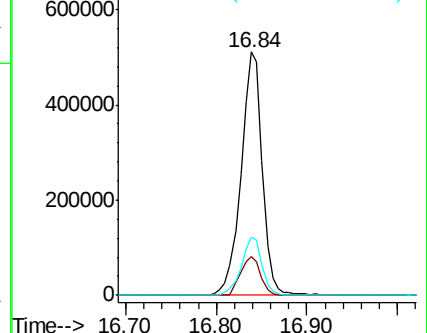
279 24.1 19.3 28.9



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: 38.162 ng

RT: 17.26 min Scan# 2579

Delta R.T. 0.00 min

Lab File: BF121702.D

Acq: 28 Sep 2020 9:27

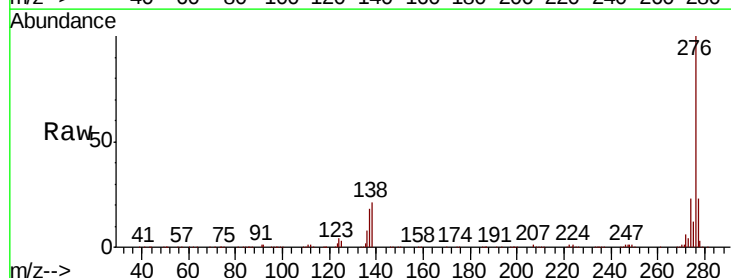
Tgt Ion:276 Resp: 826958

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 20.8 16.6 25.0



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

