

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091620\
 Data File : BF121596.D
 Acq On : 16 Sep 2020 14:46
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Sep 16 15:39:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	178045	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	655591	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	341701	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	623581	20.00	ng	0.00
76) Chrysene-d12	13.99	240	435210	20.00	ng	0.00
86) Perylene-d12	15.43	264	371598	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	998259	83.32	ng	0.00
7) Phenol-d6	6.47	99	1314062	83.60	ng	0.00
23) Nitrobenzene-d5	7.39	82	1118823	91.63	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	391619	92.21	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1862528	82.55	ng	0.00
79) Terphenyl-d14	12.93	244	2068028	96.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	229914	41.772	ng	99
3) Pyridine	3.31	79	659203	43.323	ng	100
4) n-Nitrosodimethylamine	3.26	42	303217	42.962	ng	99
6) Aniline	6.49	93	815671	39.846	ng	99
8) 2-Chlorophenol	6.62	128	524959	43.037	ng	97
9) Benzaldehyde	6.37	77	399431	38.874	ng	98
10) Phenol	6.48	94	679628	40.605	ng	79
11) bis(2-Chloroethyl)ether	6.56	93	540914	42.879	ng	99
12) 1,3-Dichlorobenzene	6.76	146	584693	42.946	ng	97
13) 1,4-Dichlorobenzene	6.85	146	583753	42.701	ng	99
14) 1,2-Dichlorobenzene	7.00	146	536080	42.568	ng	98
15) Benzyl Alcohol	6.97	79	475980	44.554	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	862323	42.480	ng	98
17) 2-Methylphenol	7.09	107	448950	43.257	ng	97
18) Hexachloroethane	7.34	117	217122	44.357	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	380844	42.043	ng	100
20) 3+4-Methylphenols	7.24	107	514136	41.230	ng	# 89
22) Acetophenone	7.24	105	700887	42.137	ng	# 93
24) Nitrobenzene	7.41	77	596593	45.176	ng	98
25) Isophorone	7.65	82	1079717	43.928	ng	100
26) 2-Nitrophenol	7.72	139	288521	46.493	ng	# 90
27) 2,4-Dimethylphenol	7.77	122	471949	43.015	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	660656	43.417	ng	99
29) 2,4-Dichlorophenol	7.97	162	447065	44.737	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	465632	44.242	ng	99
31) Naphthalene	8.13	128	1493333	43.150	ng	100
32) Benzoic acid	7.90	122	317272	40.093	ng	97
33) 4-Chloroaniline	8.18	127	646451	43.092	ng	99
34) Hexachlorobutadiene	8.25	225	279961	45.319	ng	99
35) Caprolactam	8.56	113	148755	44.700	ng	93
36) 4-Chloro-3-methylphenol	8.67	107	475689	44.188	ng	96
37) 2-Methylnaphthalene	8.82	142	979657	43.195	ng	99
38) 1-Methylnaphthalene	8.92	142	912725	43.242	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	465041	43.569	ng	100

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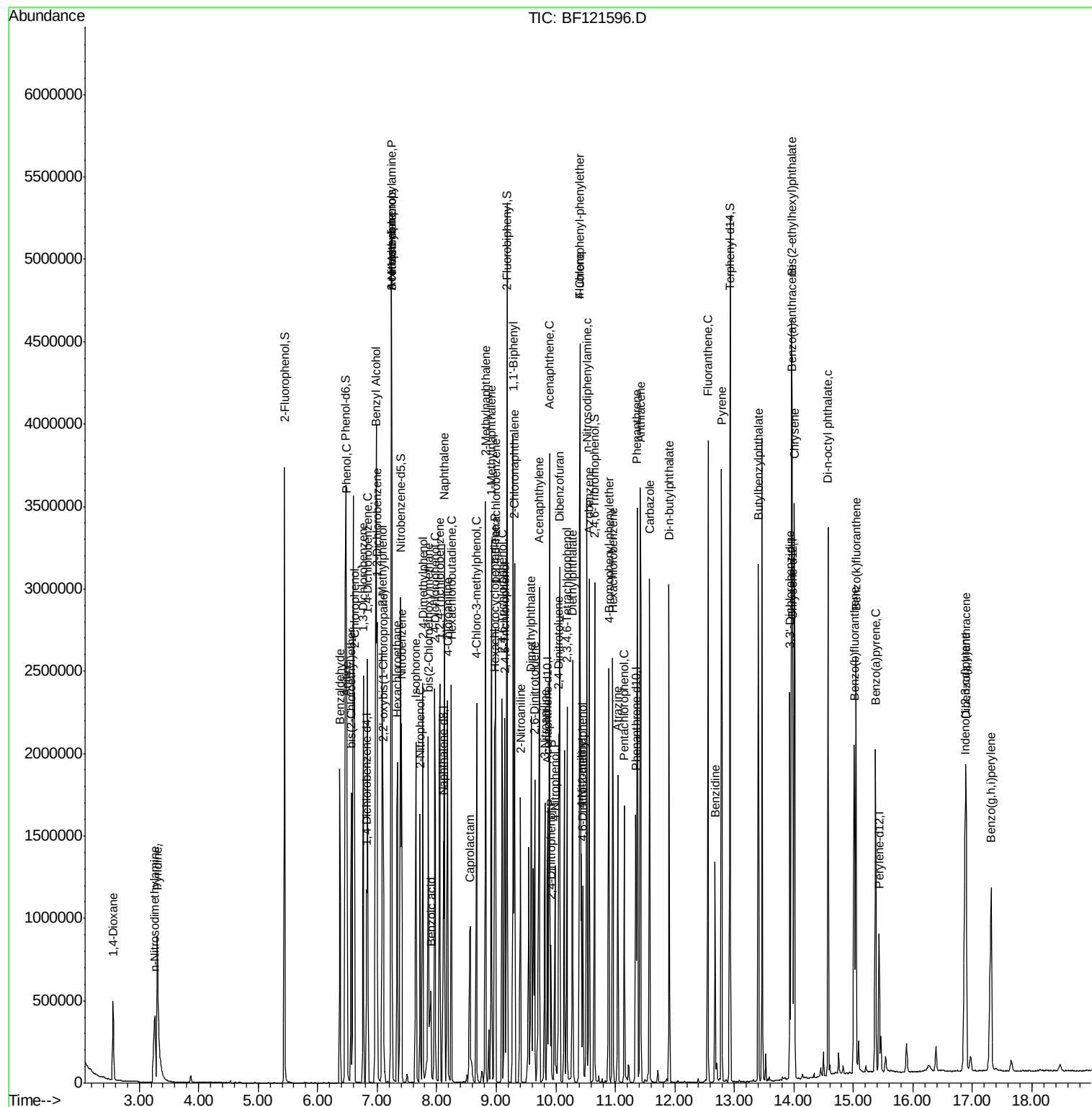
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	244046	40.038	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	326199	44.837	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	345328	44.899	ng	97
46) 1,1'-Biphenyl	9.29	154	1171633	42.830	ng	98
47) 2-Chloronaphthalene	9.31	162	925567	42.936	ng	100
48) 2-Nitroaniline	9.40	65	319293	47.664	ng	99
49) Acenaphthylene	9.73	152	1434154	43.300	ng	100
50) Dimethylphthalate	9.59	163	1100778	44.447	ng	99
51) 2,6-Dinitrotoluene	9.65	165	254072	48.171	ng	99
52) Acenaphthene	9.90	154	855575	40.898	ng	100
53) 3-Nitroaniline	9.82	138	278683	45.611	ng	100
54) 2,4-Dinitrophenol	9.92	184	100834	38.445	ng	96
55) Dibenzofuran	10.07	168	1272695	43.200	ng	99
56) 4-Nitrophenol	9.99	139	216340	44.398	ng	95
57) 2,4-Dinitrotoluene	10.05	165	331820	50.007	ng	99
58) Fluorene	10.41	166	963380	42.761	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	280254	44.821	ng	98
60) Diethylphthalate	10.29	149	1072370	44.411	ng	100
61) 4-Chlorophenyl-phenylether	10.40	204	467093	43.280	ng	97
62) 4-Nitroaniline	10.43	138	270166	44.533	ng	100
63) Azobenzene	10.56	77	1105958	43.010	ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	158449	42.349	ng	96
66) n-Nitrosodiphenylamine	10.52	169	942829	44.071	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	321576	45.294	ng	97
68) Hexachlorobenzene	10.96	284	357185	44.580	ng	98
69) Atrazine	11.04	200	219219	41.245	ng	99
70) Pentachlorophenol	11.15	266	186757	42.442	ng	99
71) Phenanthrene	11.37	178	1470402	43.279	ng	99
72) Anthracene	11.42	178	1500999	42.811	ng	100
73) Carbazole	11.57	167	1362446	43.062	ng	99
74) Di-n-butylphthalate	11.91	149	1595785	43.700	ng	100
75) Fluoranthene	12.56	202	1537525	42.393	ng	99
77) Benzidine	12.67	184	509078	35.284	ng	100
78) Pyrene	12.79	202	1542526	48.511	ng	100
80) Butylbenzylphthalate	13.40	149	668370	51.973	ng	95
81) Benzo(a)anthracene	13.97	228	1219779	44.302	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	497486	46.282	ng	97
83) Chrysene	14.01	228	1221340	43.805	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	869160	50.591	ng	100
85) Di-n-octyl phthalate	14.57	149	1453807	47.950	ng	99
87) Indeno(1,2,3-cd)pyrene	16.87	276	1156727	47.799	ng	99
88) Benzo(b)fluoranthene	15.02	252	1107293	44.574	ng	99
89) Benzo(k)fluoranthene	15.04	252	1020340	44.853	ng	98
90) Benzo(a)pyrene	15.37	252	944133	44.711	ng	100
91) Dibenzo(a,h)anthracene	16.89	278	940402	46.683	ng	99
92) Benzo(g,h,i)perylene	17.32	276	991924	50.093	ng	99

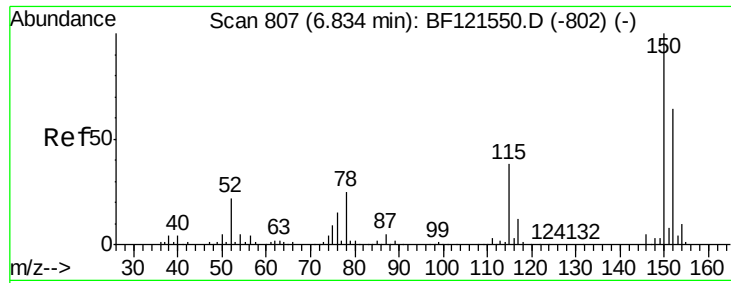
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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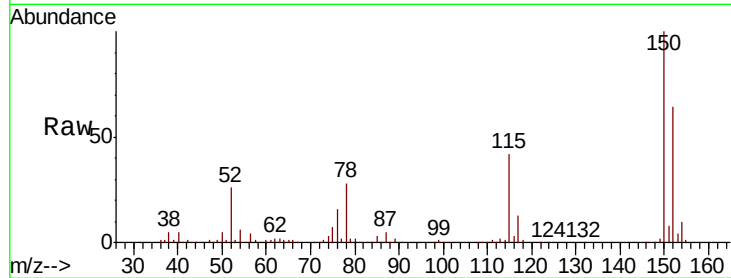


#1

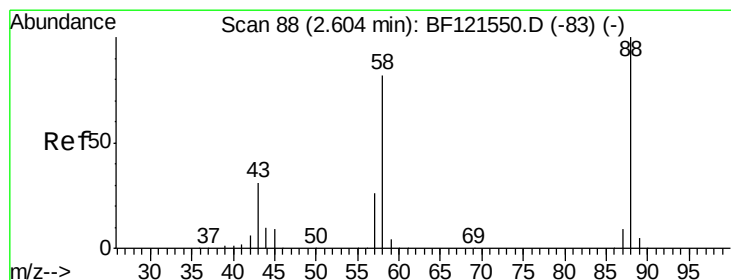
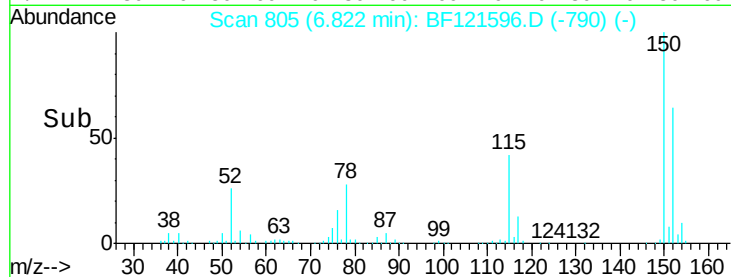
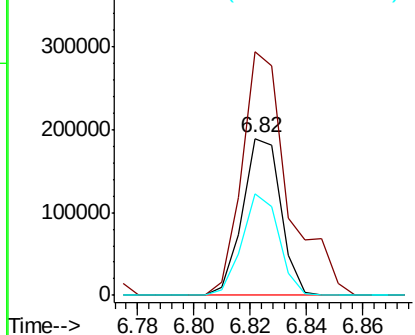
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF121596.D
 Acq: 16 Sep 2020 14:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.8	188.6
115	64.6	47.8	71.8



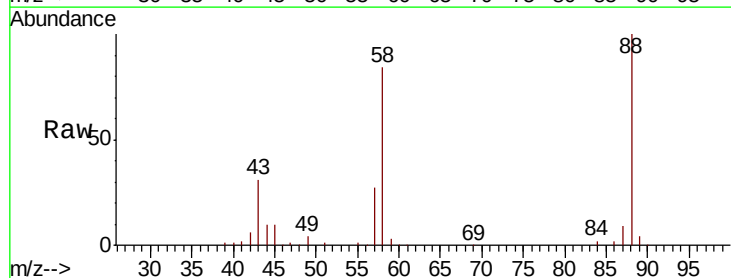
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



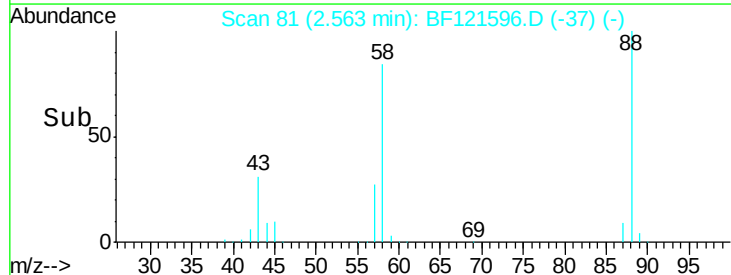
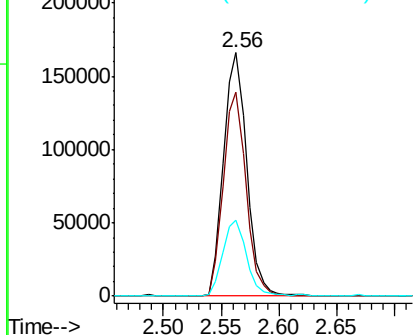
#2

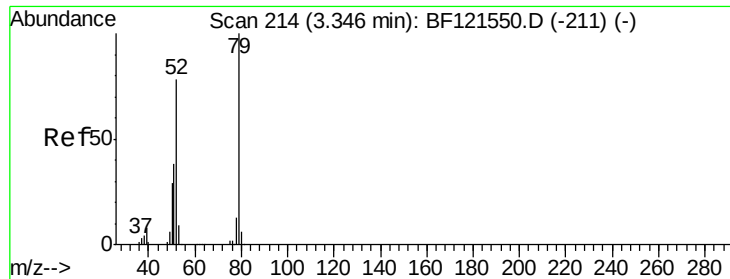
1,4-Dioxane
 Concen: 41.772 ng
 RT: 2.56 min Scan# 81
 Delta R.T. -0.04 min
 Lab File: BF121596.D
 Acq: 16 Sep 2020 14:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.9	65.1	97.7
43	31.1	25.0	37.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 43.323 ng

RT: 3.31 min Scan# 208

Delta R.T. -0.04 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

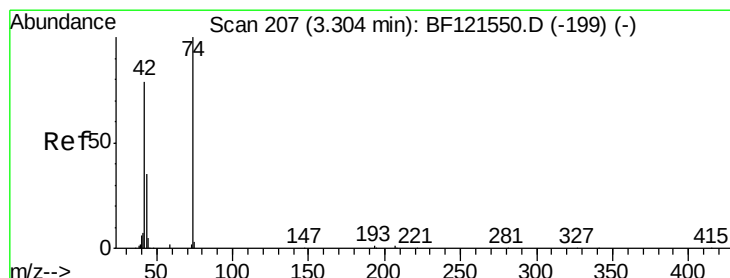
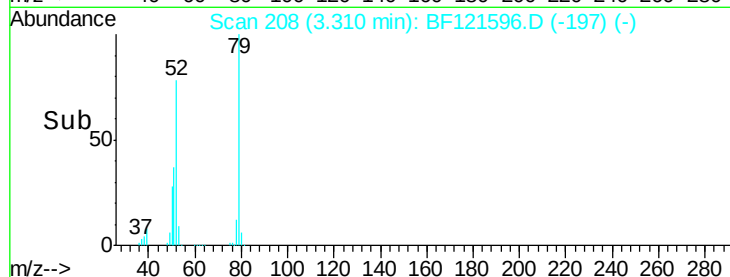
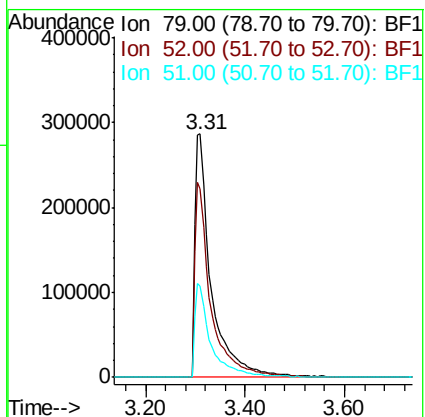
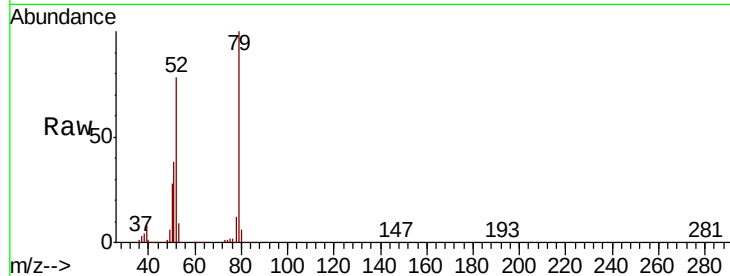
Tot Ion: 79 Resp: 659203

Ion Ratio Lower Upper

79 100

52 77.6 62.2 93.2

51 37.6 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 42.962 ng

RT: 3.26 min Scan# 200

Delta R.T. -0.04 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

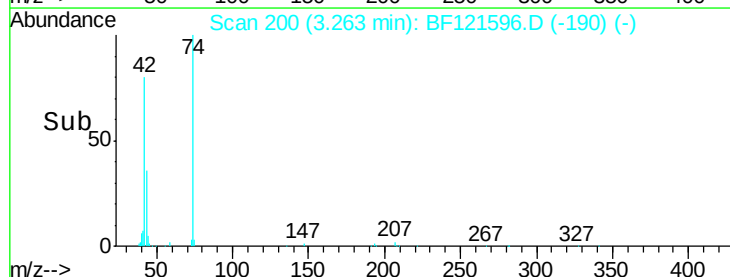
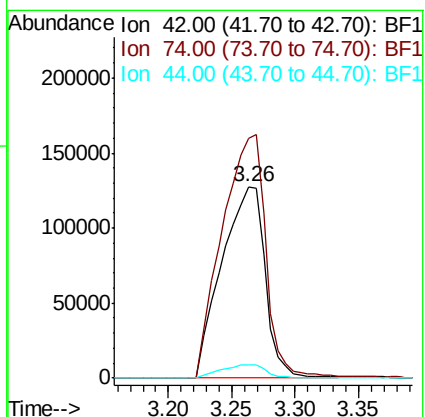
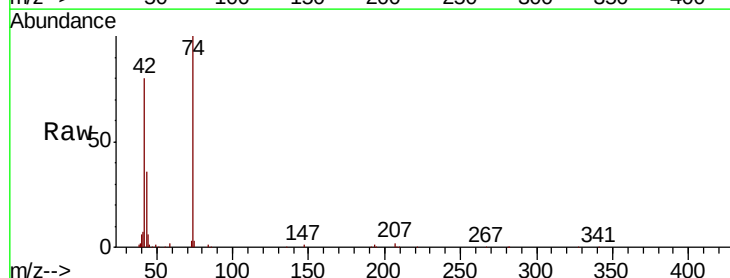
Tgt Ion: 42 Resp: 303217

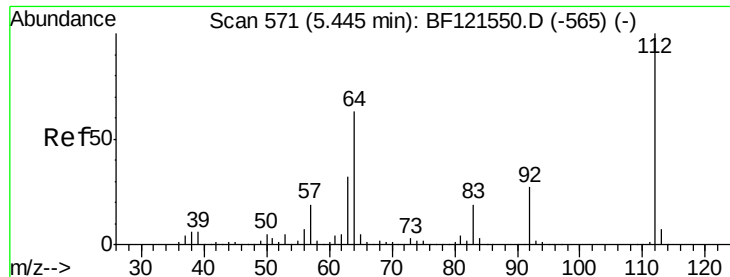
Ion Ratio Lower Upper

42 100

74 125.4 101.7 152.5

44 7.0 5.4 8.2





#5

2-Fluorophenol

Concen: 83.324 ng

RT: 5.45 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

Instrument :

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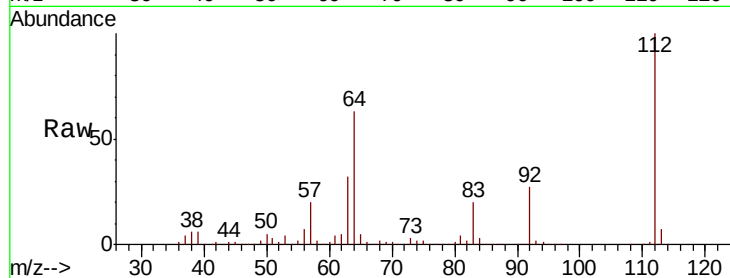
Tot Ion: 112 Resp: 998259

Ion Ratio Lower Upper

112 100

64 62.9 50.3 75.5

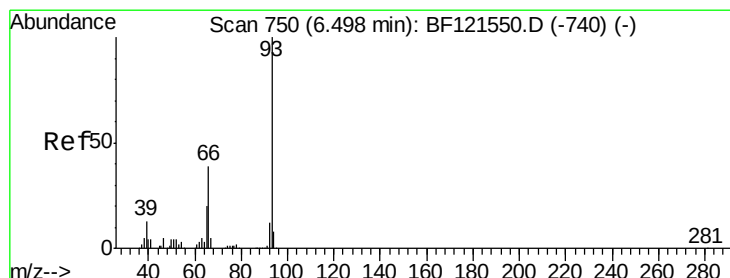
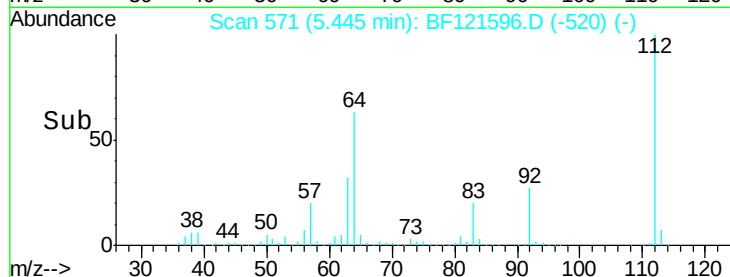
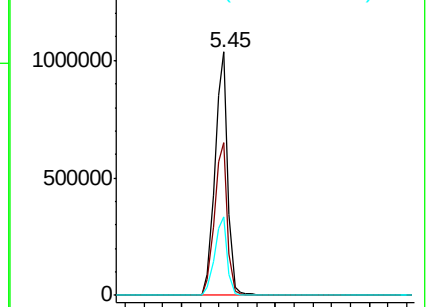
63 32.2 25.6 38.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.846 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

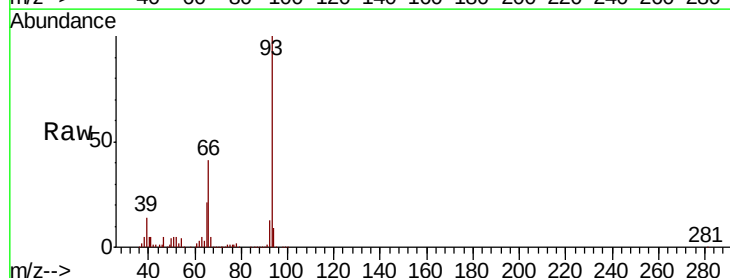
Tgt Ion: 93 Resp: 815671

Ion Ratio Lower Upper

93 100

66 40.9 31.8 47.8

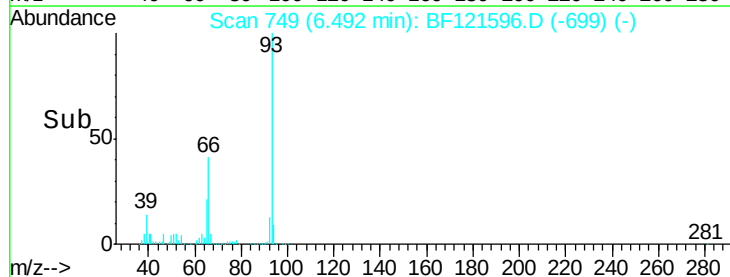
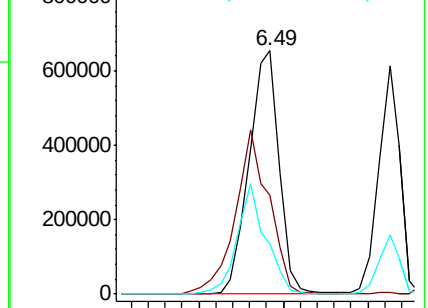
65 20.6 16.2 24.2

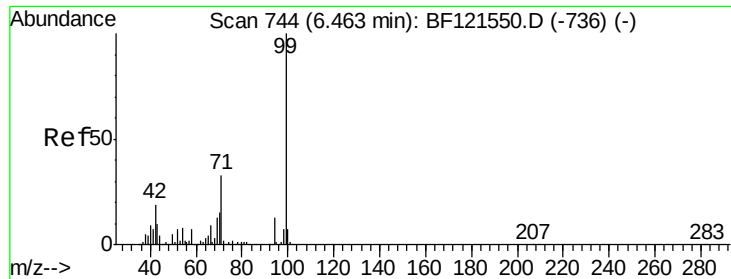


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.604 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

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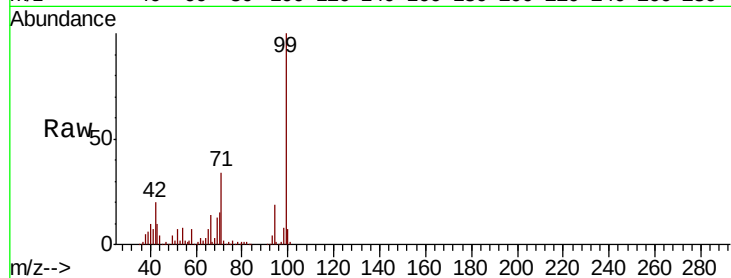
Tot Ion: 99 Resp: 1314062

Ion Ratio Lower Upper

99 100

42 19.9 15.5 23.3

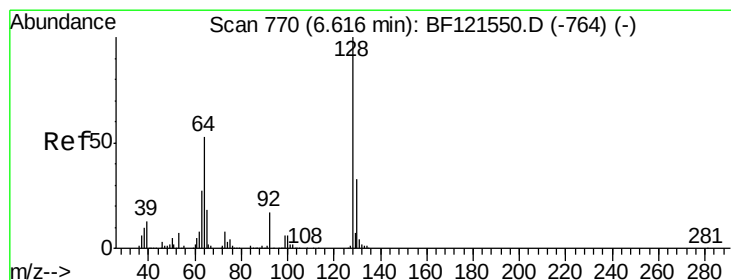
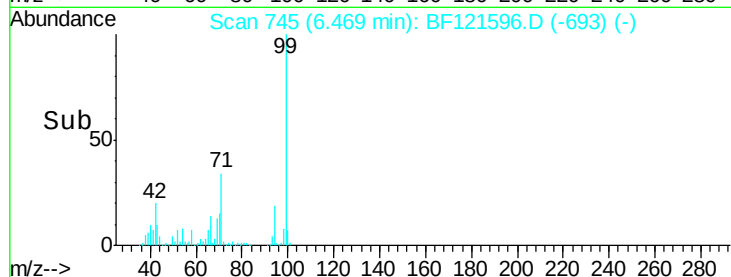
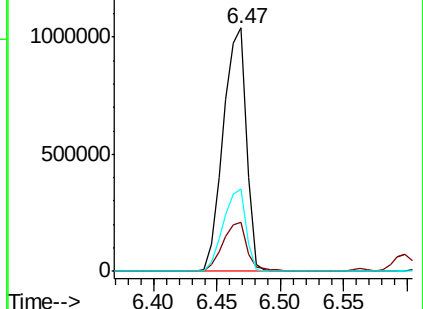
71 33.8 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.037 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

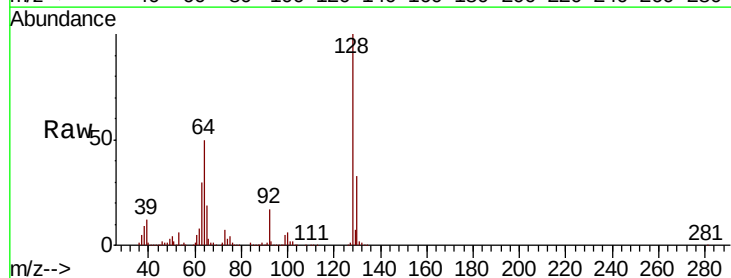
Tgt Ion: 128 Resp: 524959

Ion Ratio Lower Upper

128 100

130 32.9 12.6 52.6

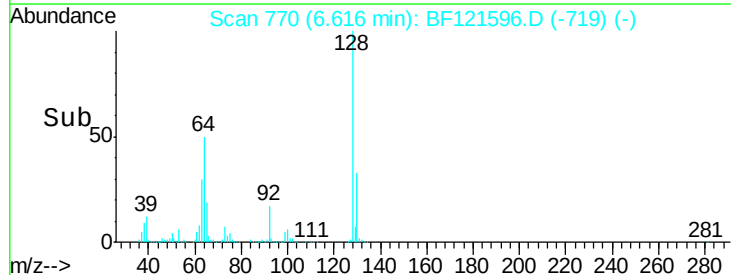
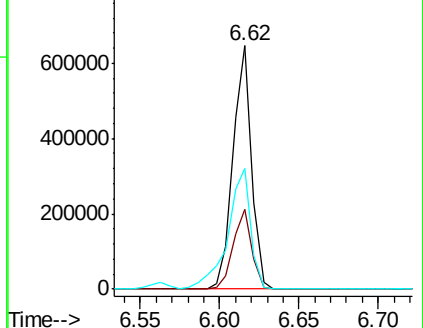
64 49.5 33.1 73.1

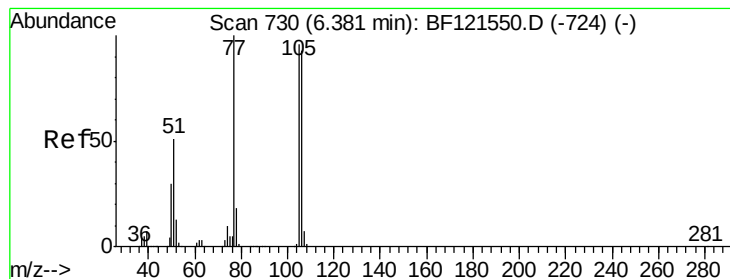


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.874 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

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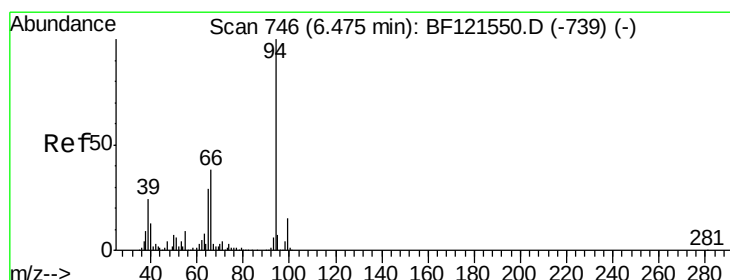
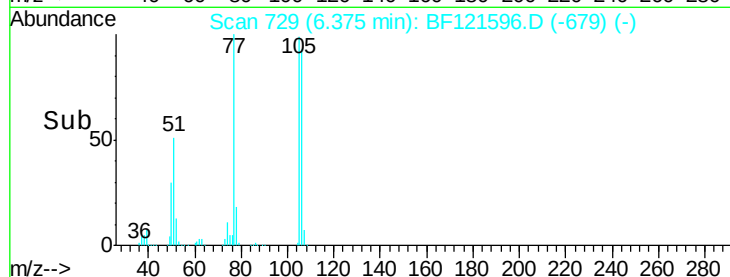
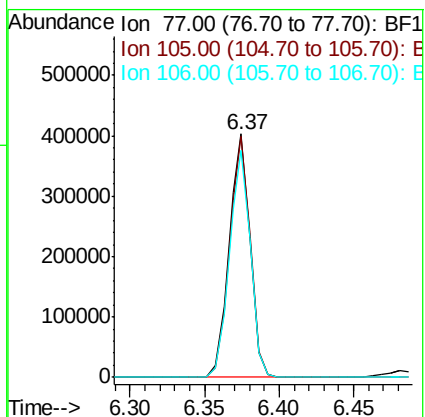
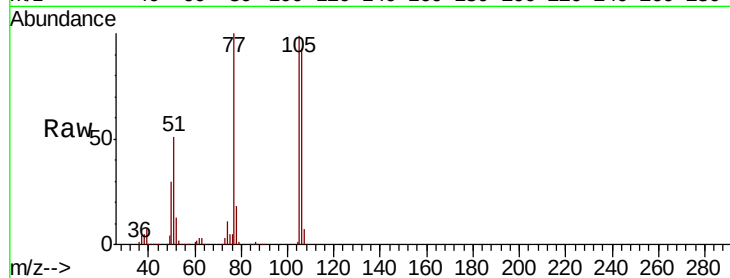
Tot Ion: 77 Resp: 399431

Ion Ratio Lower Upper

77 100

105 99.3 76.4 116.4

106 93.1 73.5 113.5



#10

Phenol

Concen: 40.605 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

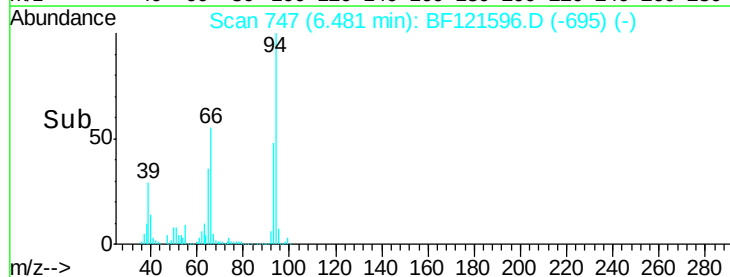
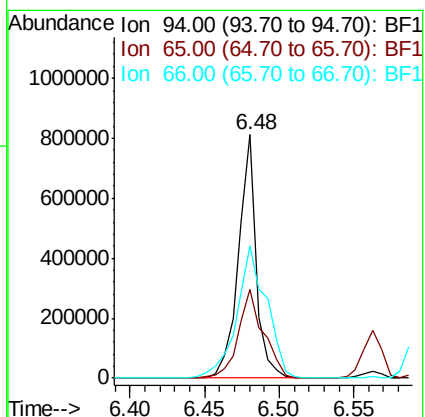
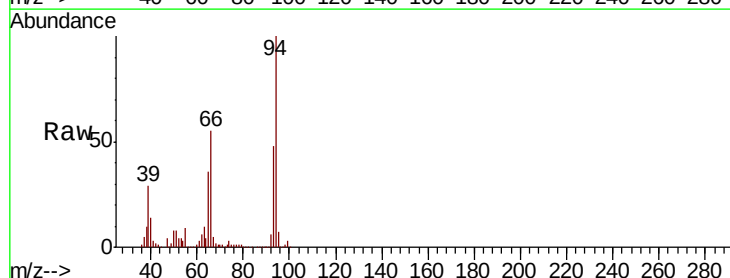
Tgt Ion: 94 Resp: 679628

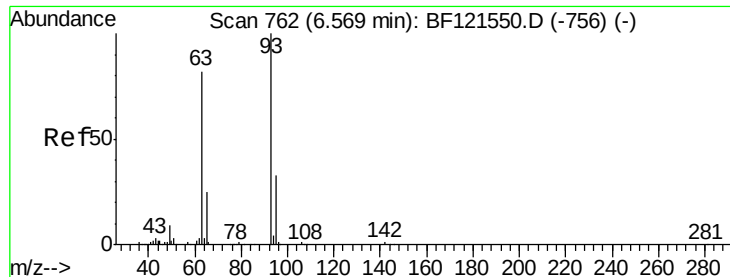
Ion Ratio Lower Upper

94 100

65 36.4 9.4 49.4

66 54.6 18.3 58.3





#11

bis(2-Chloroethyl)ether

Concen: 42.879 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

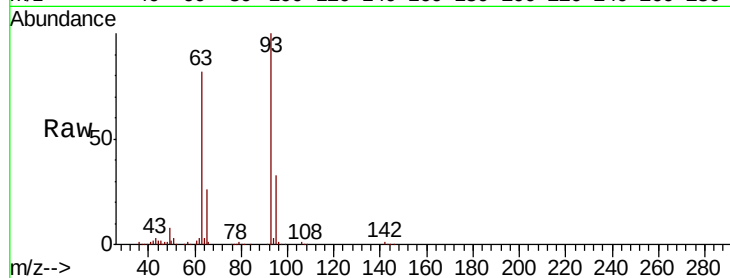
Tot Ion: 93 Resp: 540914

Ion Ratio Lower Upper

93 100

63 82.2 61.7 101.7

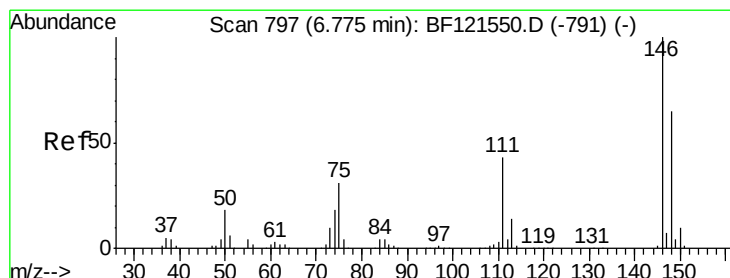
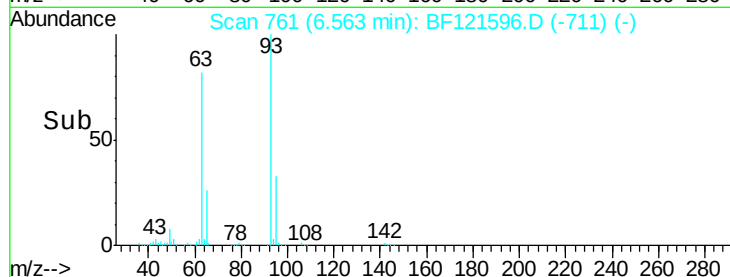
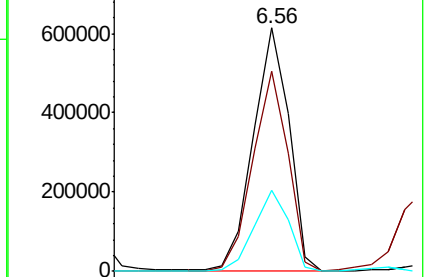
95 33.2 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 42.946 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

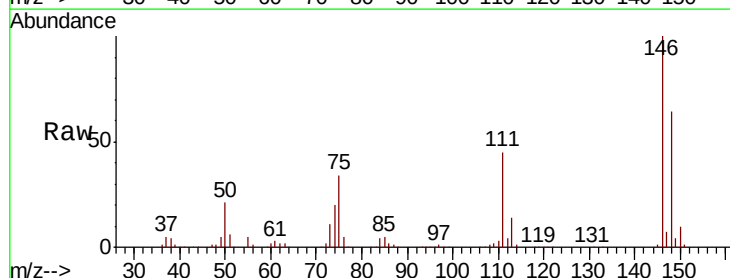
Tgt Ion: 146 Resp: 584693

Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.8

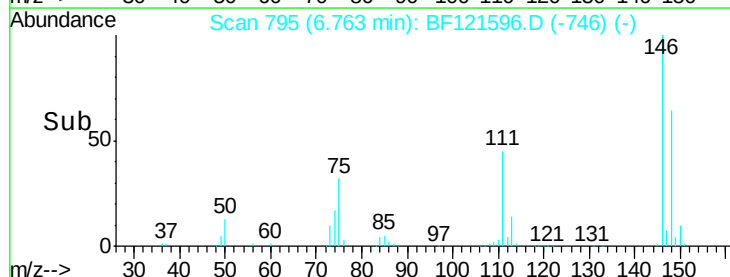
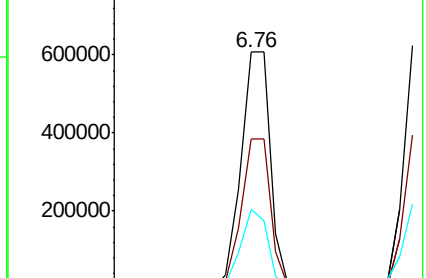
75 33.6 24.6 36.8

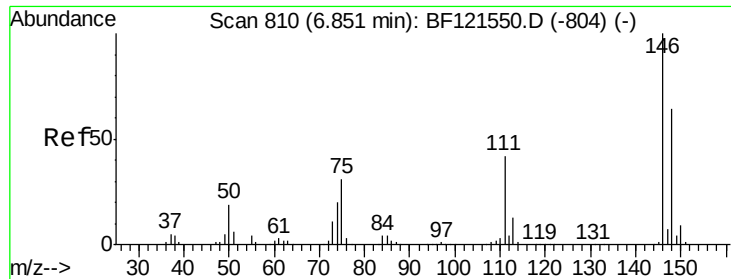


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

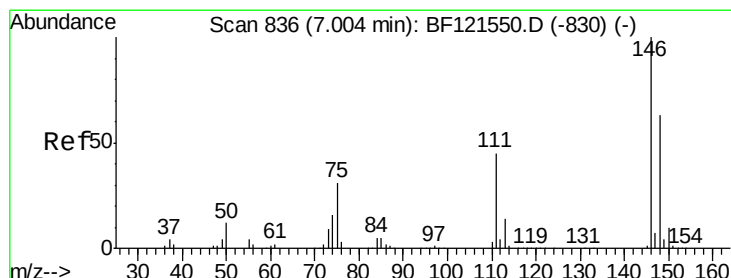
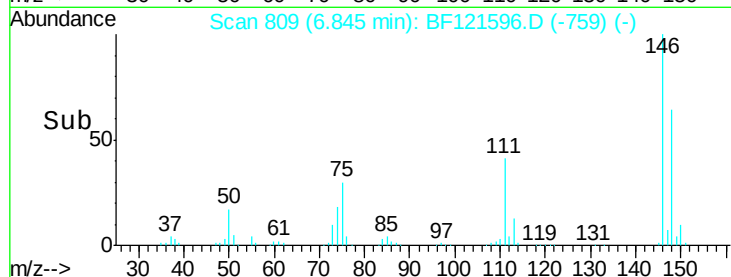
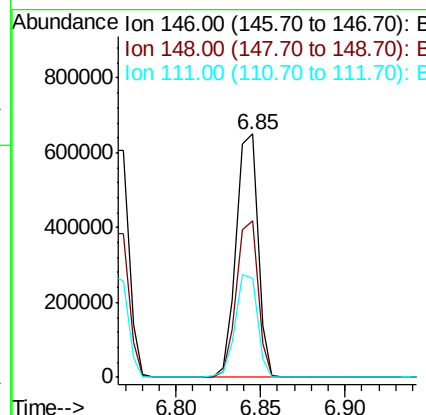
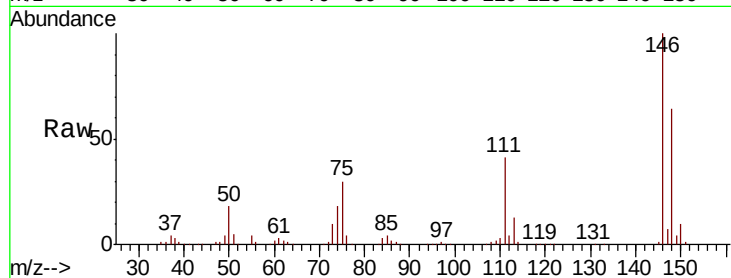




#13
 1,4-Dichlorobenzene
 Concen: 42.701 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF121596.D
 Acq: 16 Sep 2020 14:46

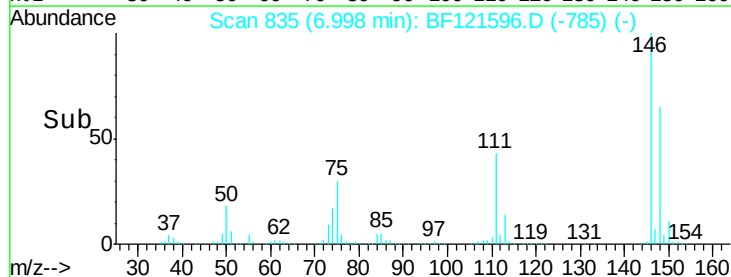
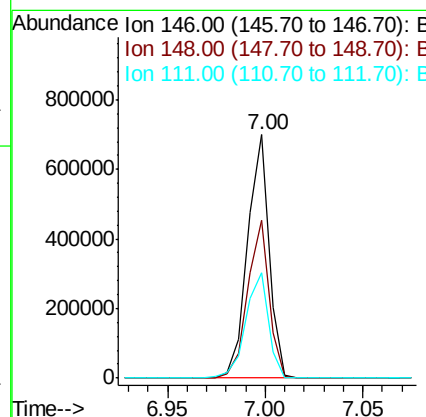
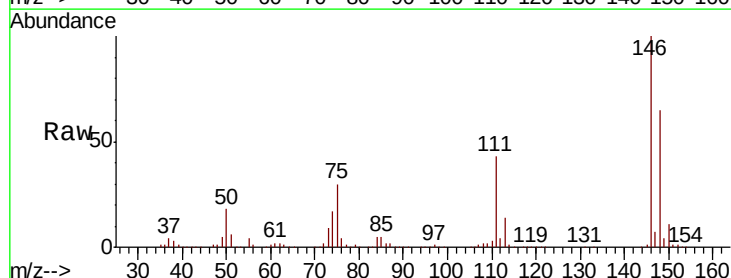
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

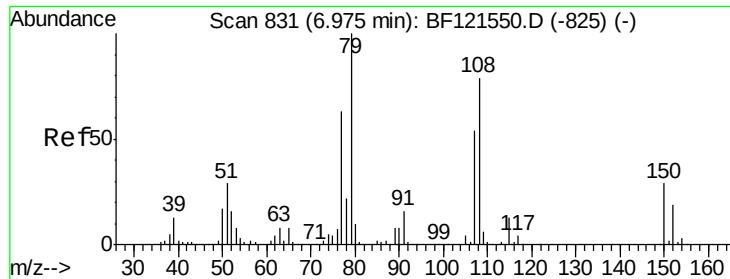
Tot Ion:146 Resp: 583753
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.2 76.8
 111 40.7 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 42.568 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF121596.D
 Acq: 16 Sep 2020 14:46

Tgt Ion:146 Resp: 536080
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.7 76.1
 111 43.4 35.8 53.6

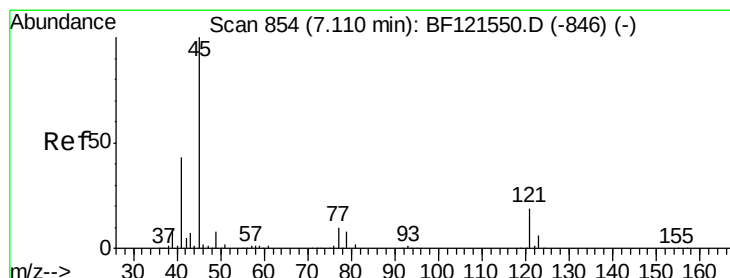
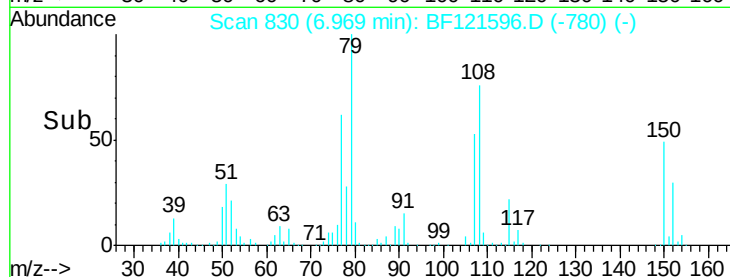
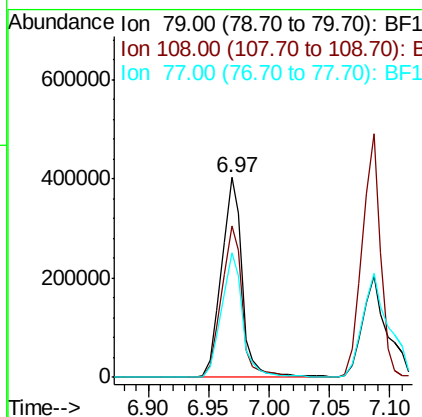
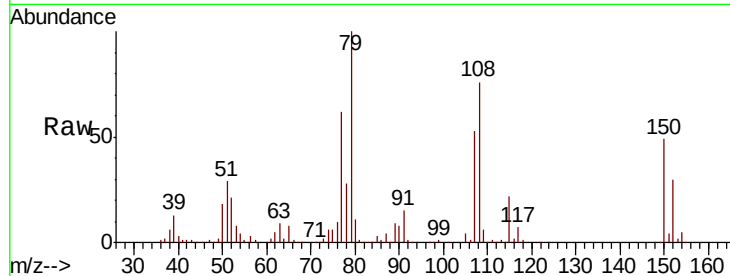




#15
Benzyl Alcohol
Concen: 44.554 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

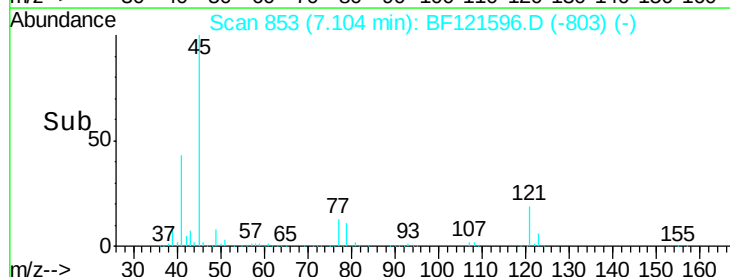
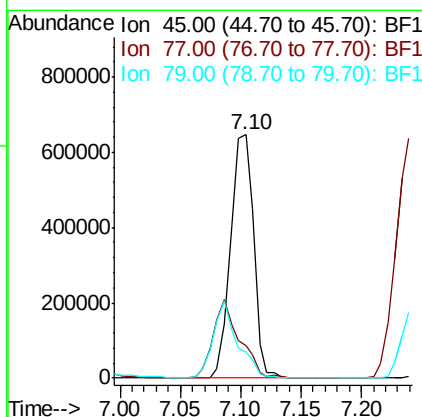
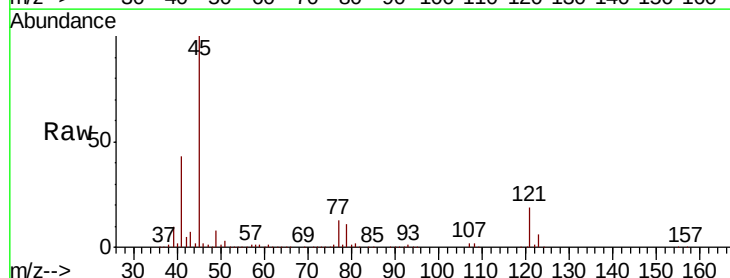
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

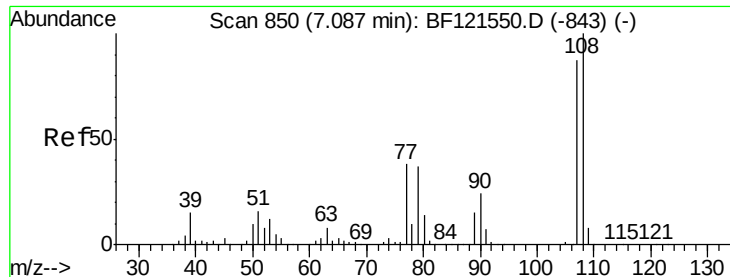
Tot Ion: 79 Resp: 475980
Ion Ratio Lower Upper
79 100
108 76.0 63.1 94.7
77 62.3 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.480 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

Tgt Ion: 45 Resp: 862323
Ion Ratio Lower Upper
45 100
77 13.4 0.0 32.5
79 10.8 0.0 29.8

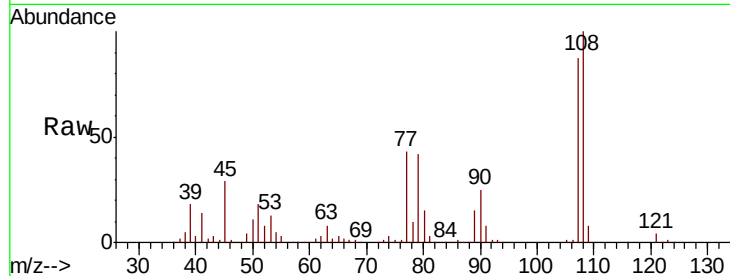




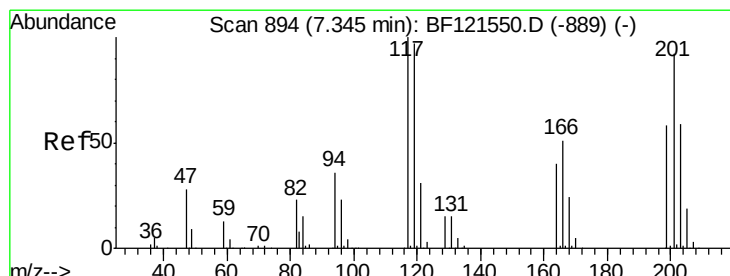
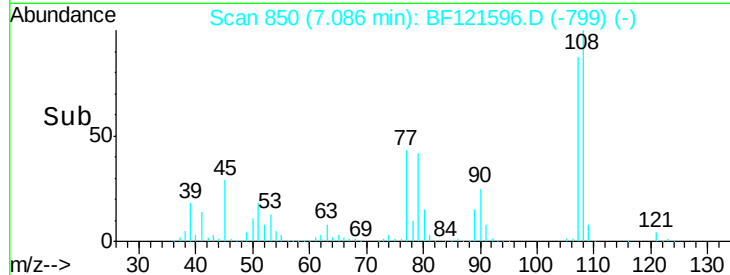
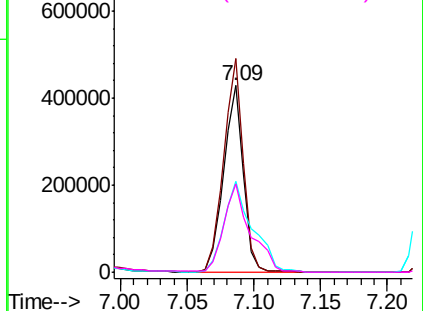
#17
2-Methylphenol
Concen: 43.257 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:107 Resp: 448950
Ion Ratio Lower Upper
107 100
108 114.4 92.1 138.1
77 48.7 35.5 53.3
79 47.5 34.5 51.7

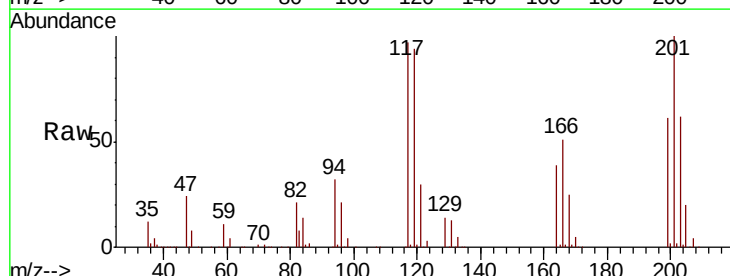


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

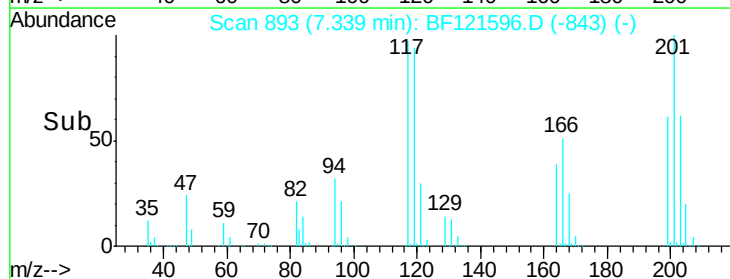
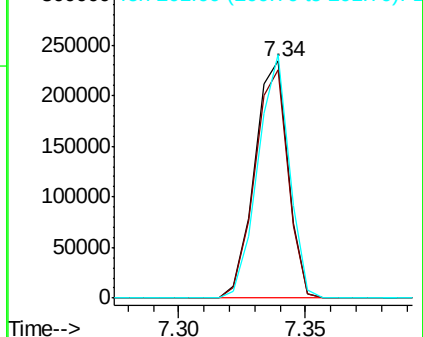


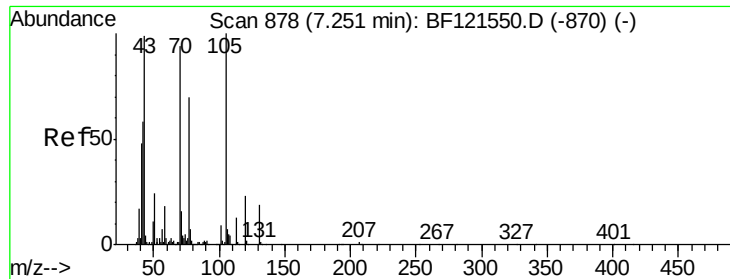
#18
Hexachloroethane
Concen: 44.357 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

Tgt Ion:117 Resp: 217122
Ion Ratio Lower Upper
117 100
119 96.1 77.2 115.8
201 102.7 73.7 110.5



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

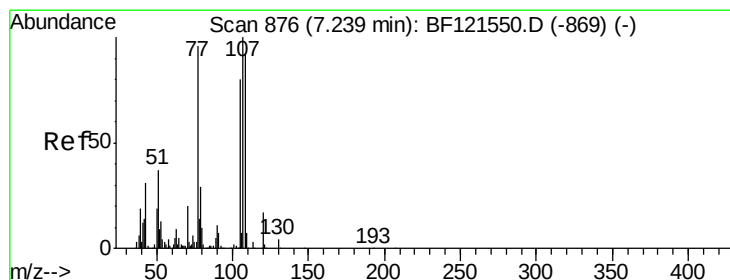
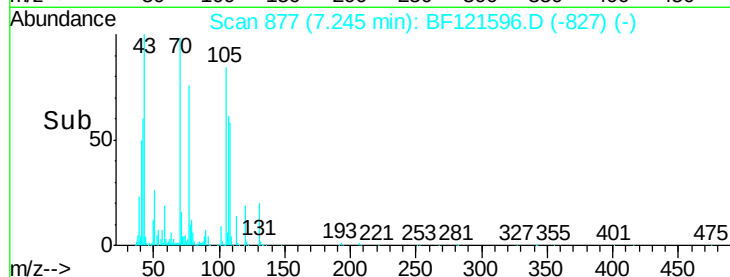
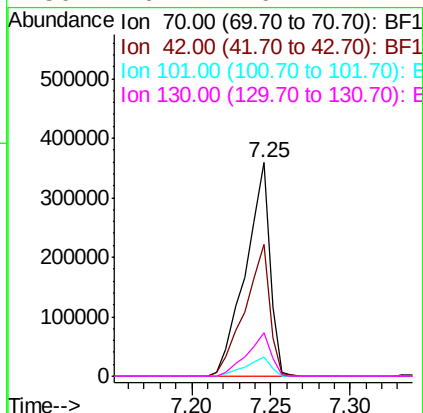
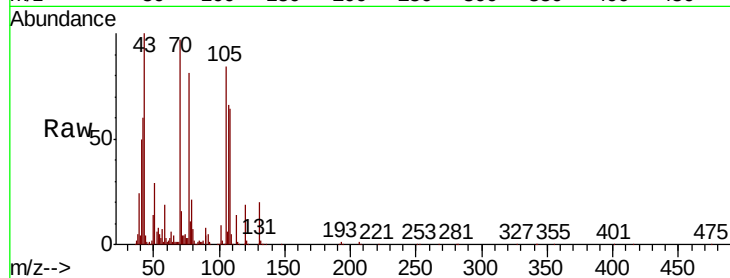




#19
n-Nitroso-di-n-propylamine
Concen: 42.043 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

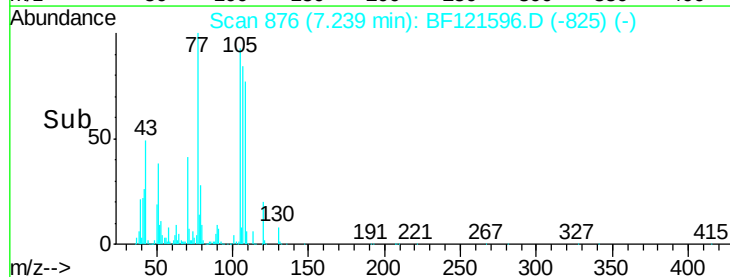
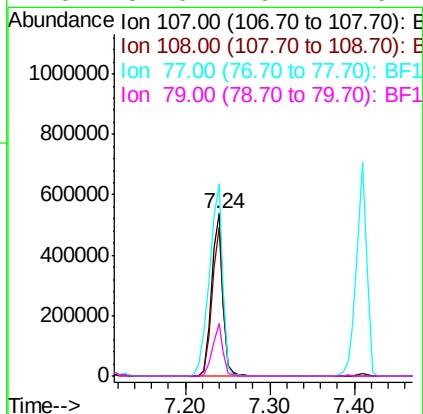
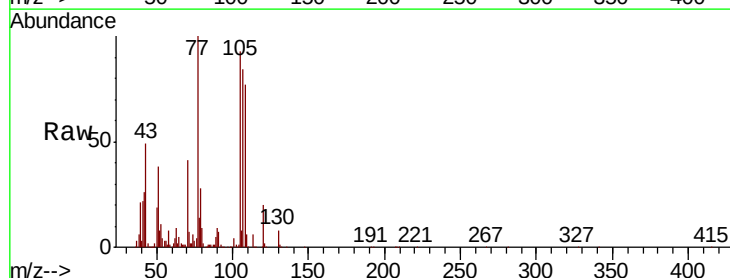
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

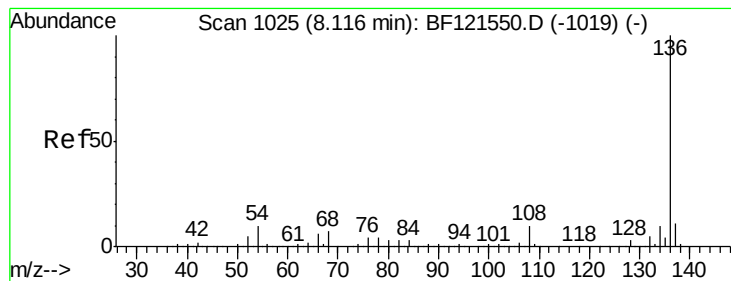
Tot Ion: 70 Resp: 380844
Ion Ratio Lower Upper
70 100
42 61.9 49.4 74.2
101 9.3 7.6 11.4
130 20.4 16.2 24.4



#20
3+4-Methylphenols
Concen: 41.230 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

Tgt Ion: 107 Resp: 514136
Ion Ratio Lower Upper
107 100
108 91.7 71.8 111.8
77 118.4 75.5 115.5#
79 32.6 9.2 49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 655591

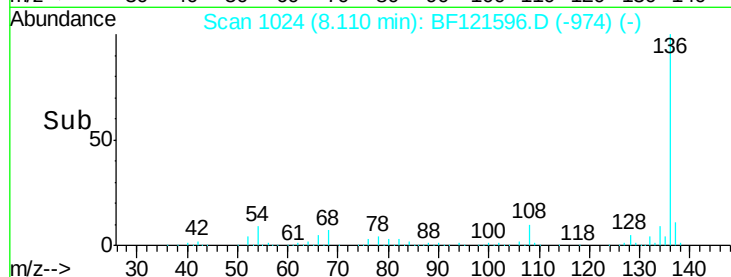
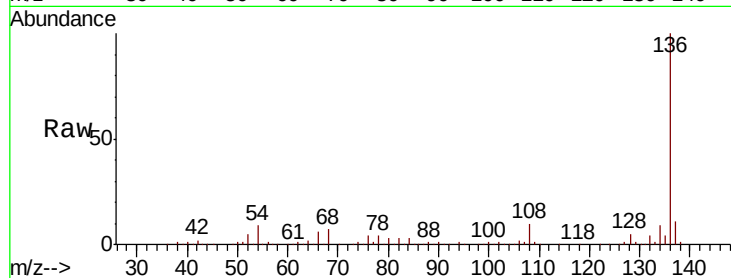
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 9.1 7.6 11.4

68 6.6 5.7 8.5

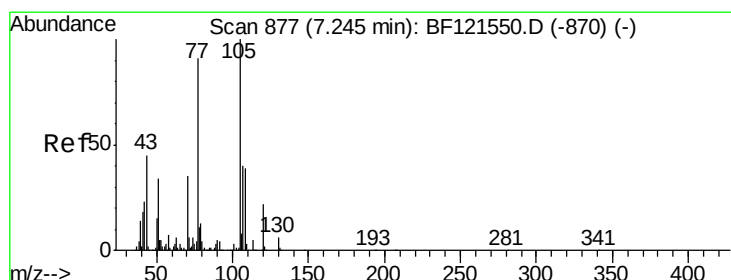
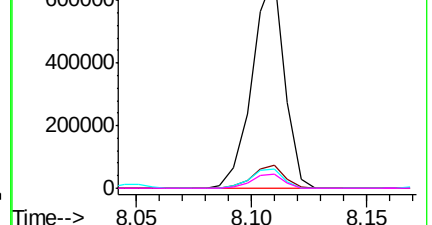


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.137 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

Tgt Ion:105 Resp: 700887

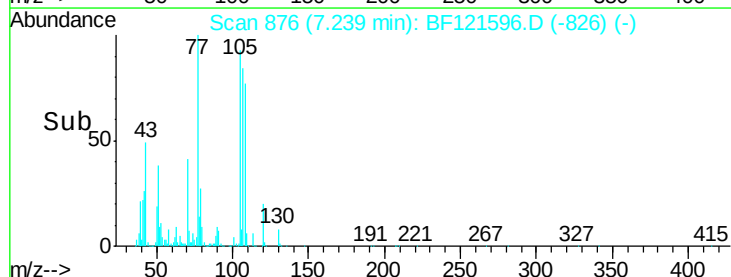
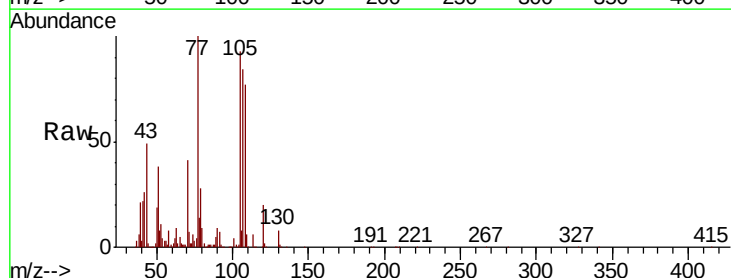
Ion Ratio Lower Upper

105 100

71 7.4 4.6 7.0#

51 40.6 27.6 41.4

120 21.5 17.4 26.2

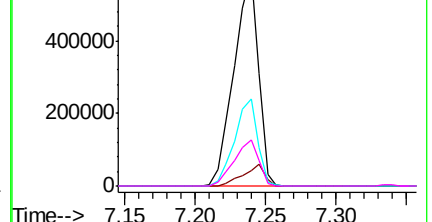


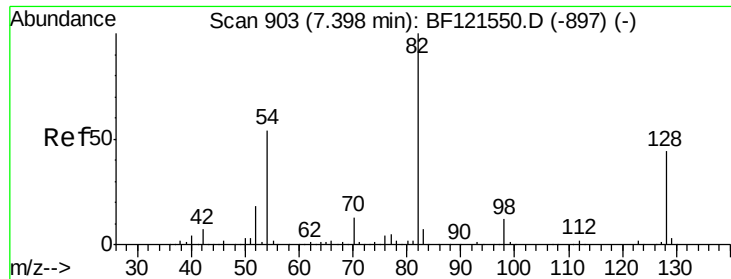
Abundance Ion 105.00 (104.70 to 105.70): E

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

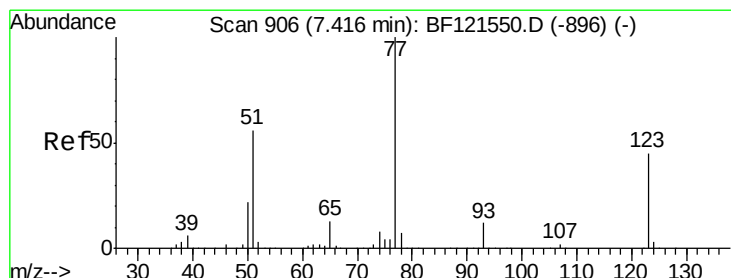
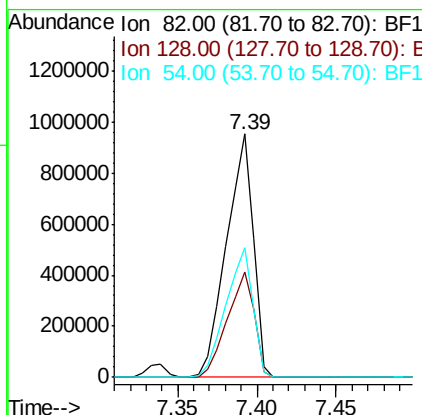
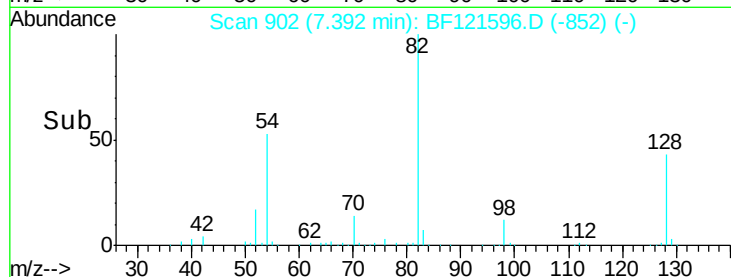
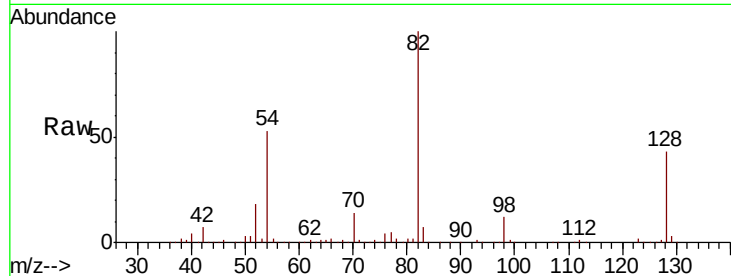




#23
Nitrobenzene-d5
Concen: 91.630 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

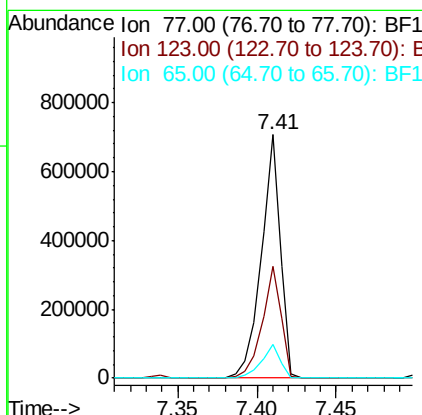
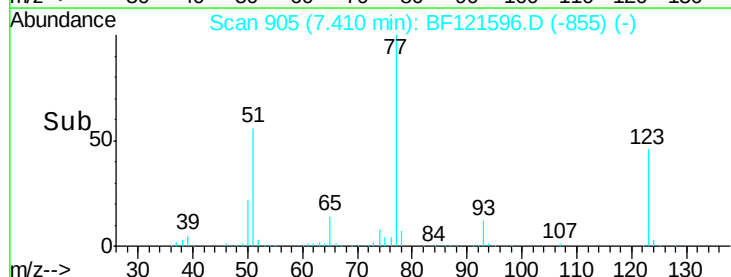
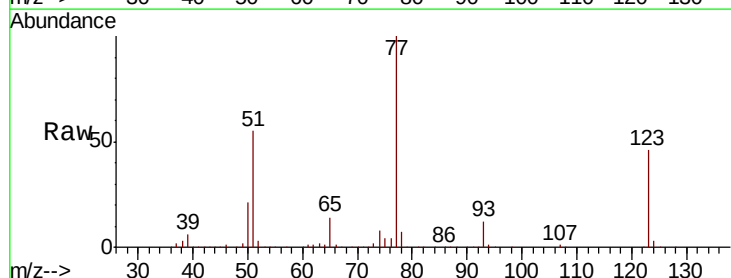
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

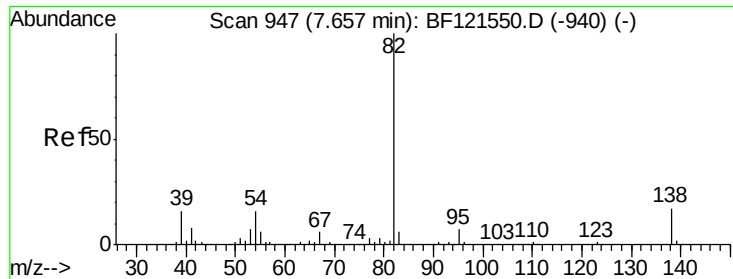
Tot Ion: 82 Resp: 1118823
Ion Ratio Lower Upper
82 100
128 43.3 35.1 52.7
54 53.3 43.0 64.6



#24
Nitrobenzene
Concen: 45.176 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

Tgt Ion: 77 Resp: 596593
Ion Ratio Lower Upper
77 100
123 46.1 35.8 53.8
65 13.8 10.7 16.1

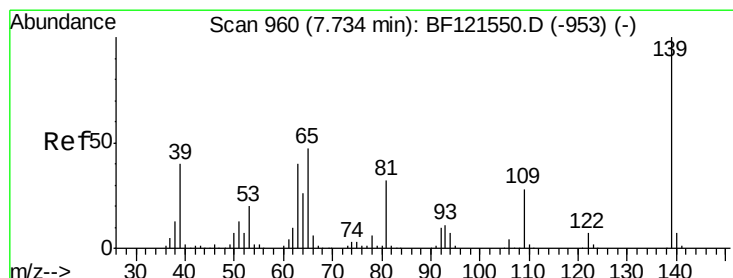
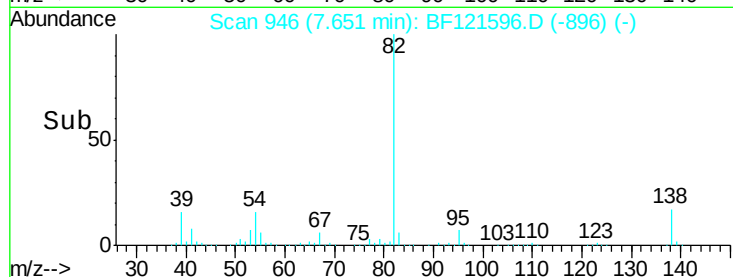
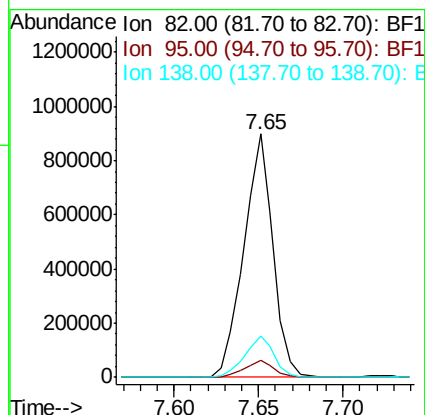
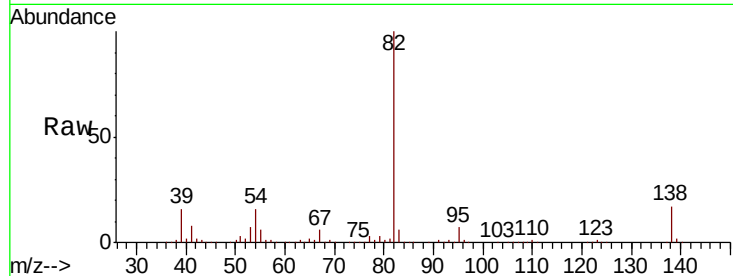




#25
Isophorone
Concen: 43.928 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

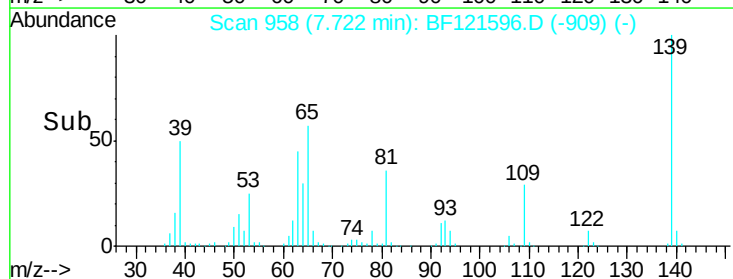
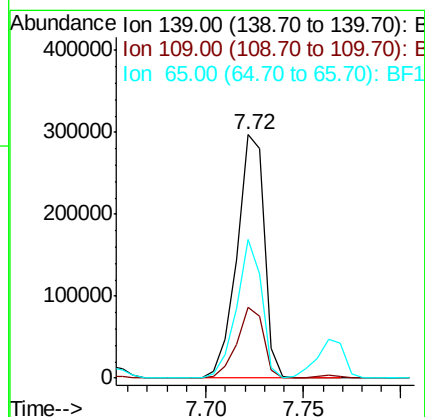
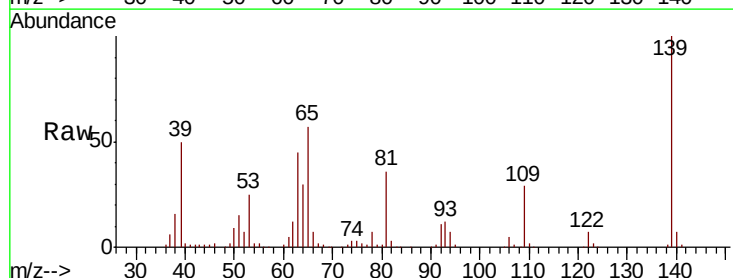
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

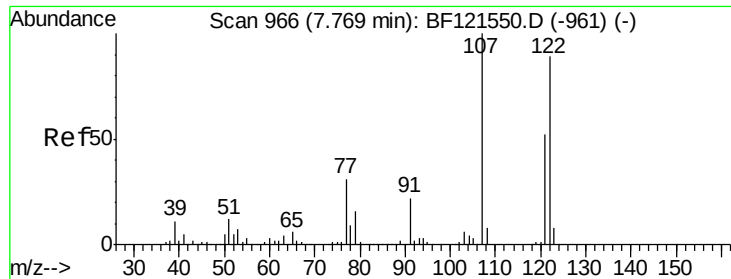
Tot Ion: 82 Resp: 1079717
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 17.2 13.7 20.5



#26
2-Nitrophenol
Concen: 46.493 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

Tgt Ion: 139 Resp: 288521
Ion Ratio Lower Upper
139 100
109 29.1 22.4 33.6
65 56.8 37.6 56.4#





#27

2,4-Dimethylphenol

Concen: 43.015 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

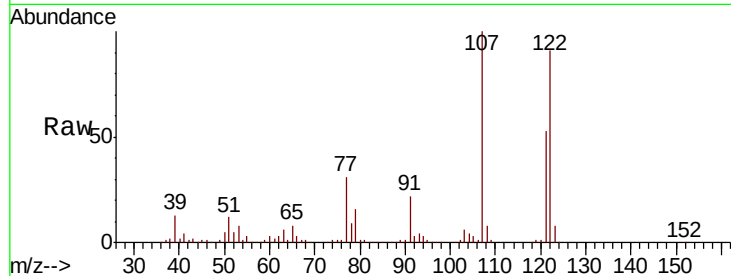
Tot Ion:122 Resp: 471949

Ion Ratio Lower Upper

122 100

107 109.4 89.5 134.3

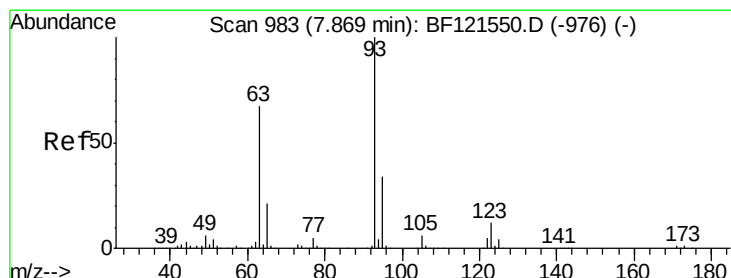
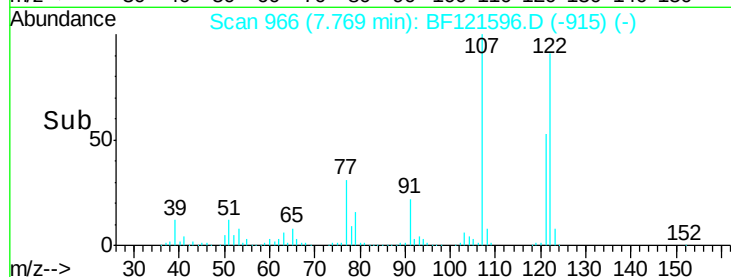
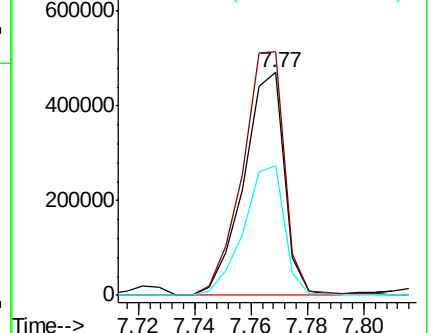
121 58.2 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.417 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

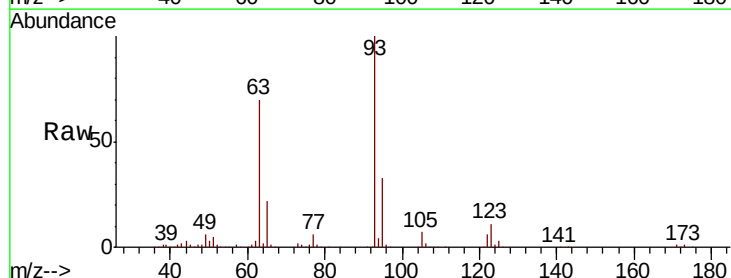
Tgt Ion: 93 Resp: 660656

Ion Ratio Lower Upper

93 100

95 33.0 26.8 40.2

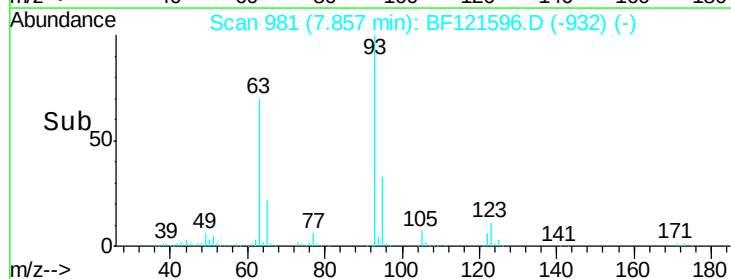
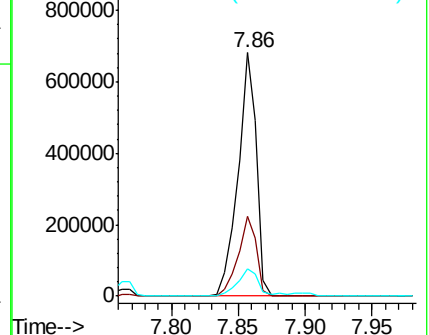
123 11.2 9.7 14.5

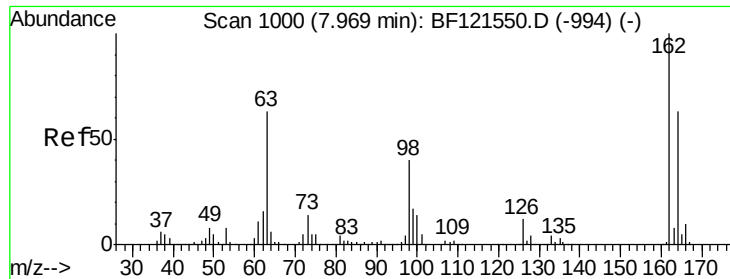


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

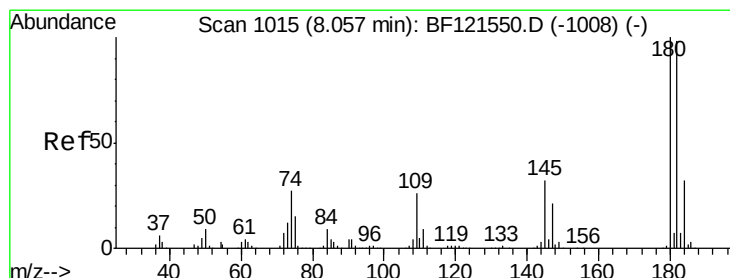
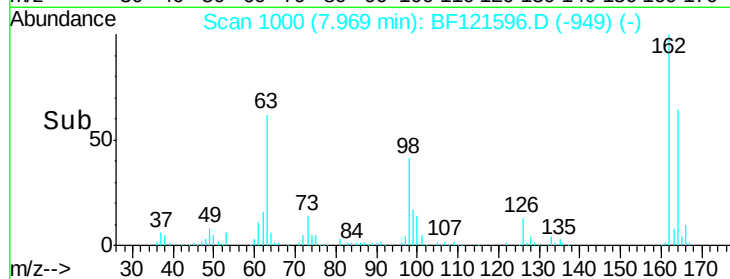
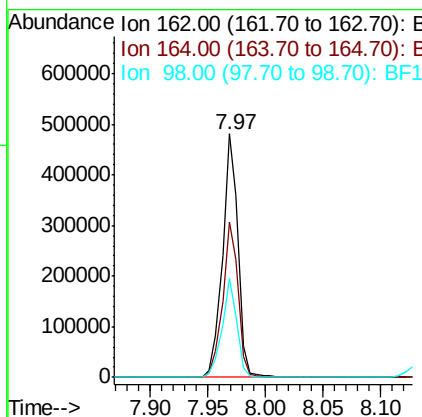
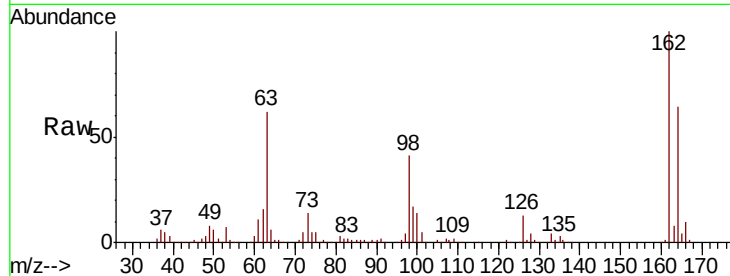




#29
 2,4-Dichlorophenol
 Concen: 44.737 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BF121596.D
 Acq: 16 Sep 2020 14:46

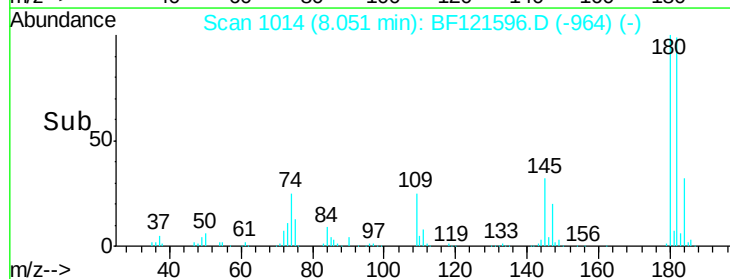
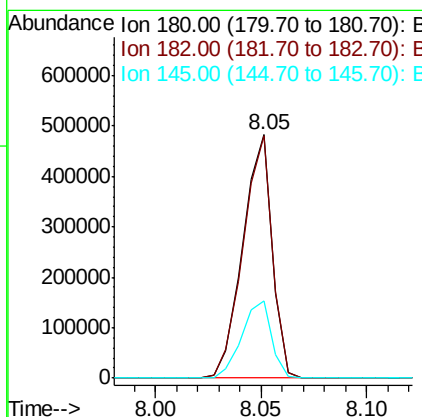
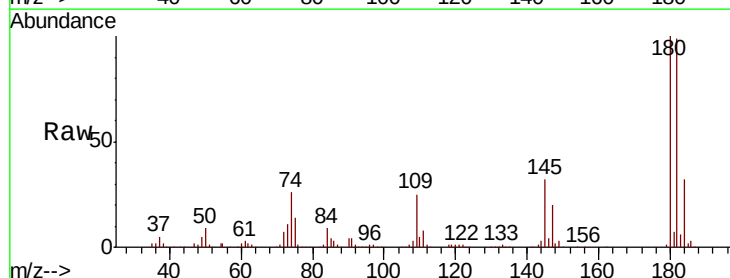
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

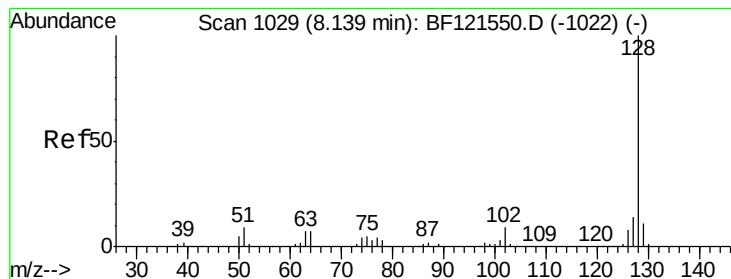
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.5	83.5
98	40.7	20.2	60.2



#30
 1,2,4-Trichlorobenzene
 Concen: 44.242 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF121596.D
 Acq: 16 Sep 2020 14:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	78.7	118.1
145	32.0	26.0	39.0





#31

Naphthalene

Concen: 43.150 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

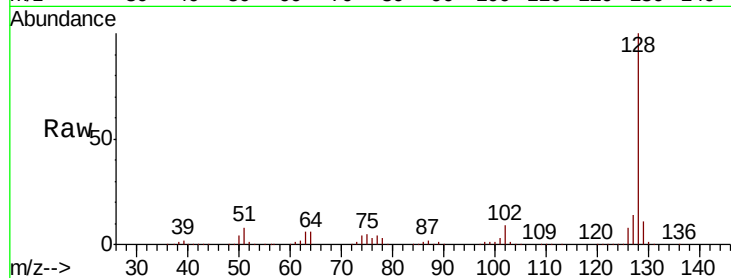
Tot Ion:128 Resp: 1493333

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

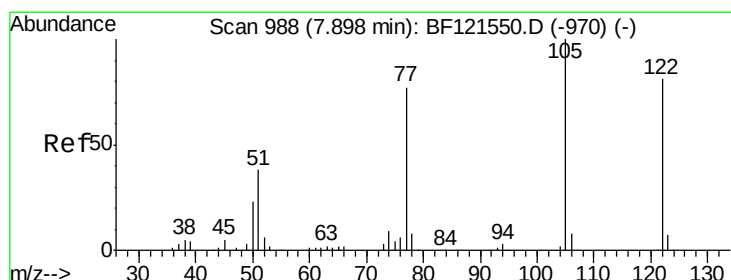
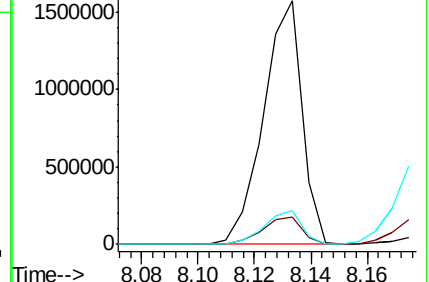
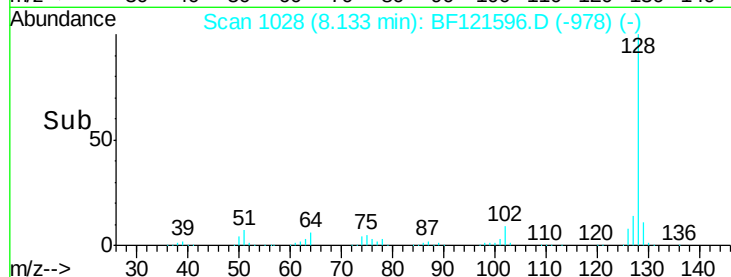
127 13.8 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.093 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

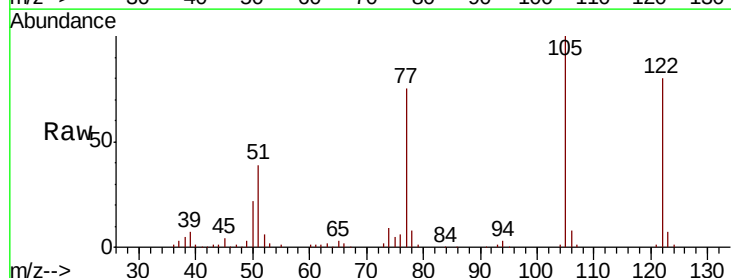
Tgt Ion:122 Resp: 317272

Ion Ratio Lower Upper

122 100

105 125.2 100.5 140.5

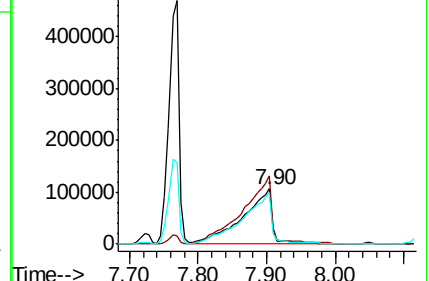
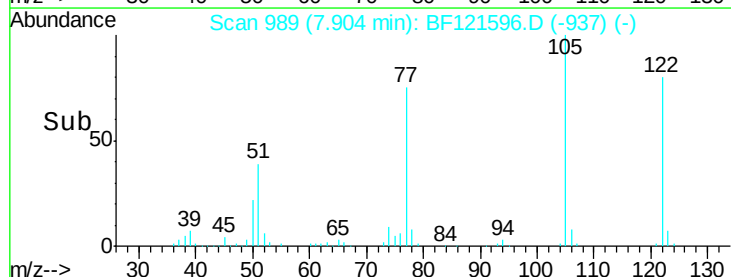
77 94.4 72.6 112.6

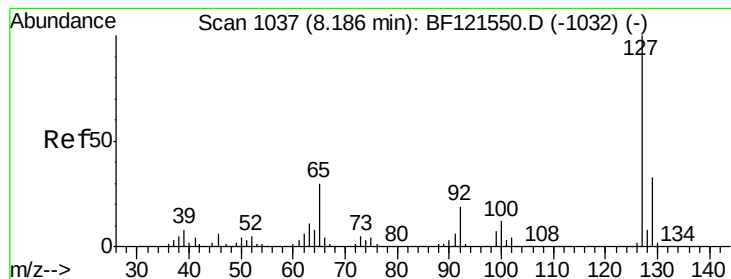


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 43.092 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:127 Resp: 646451

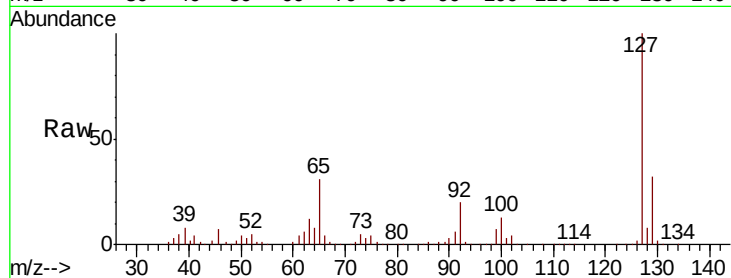
Ion Ratio Lower Upper

127 100

129 32.3 26.4 39.6

65 31.1 24.4 36.6

92 19.8 15.4 23.2

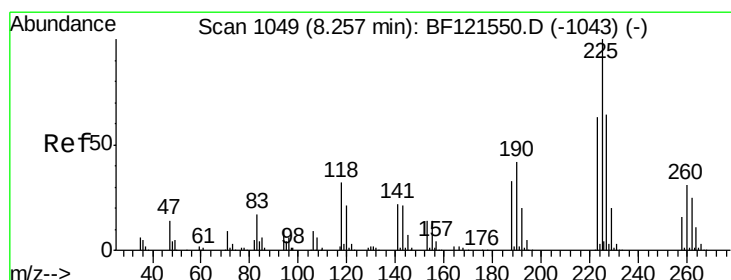
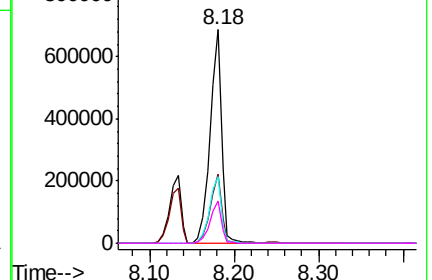
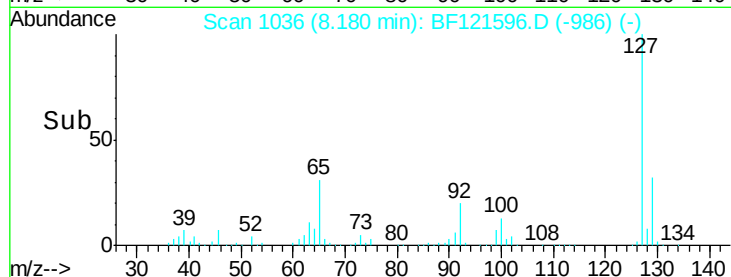


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 45.319 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

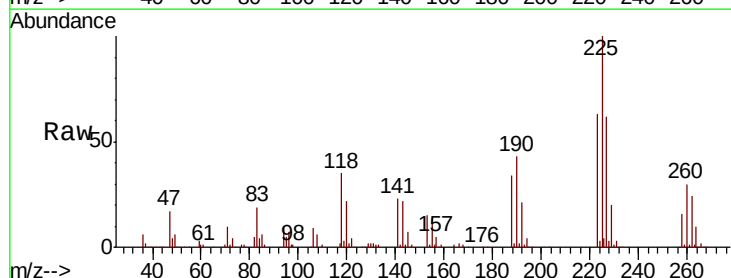
Tgt Ion:225 Resp: 279961

Ion Ratio Lower Upper

225 100

223 62.5 50.2 75.2

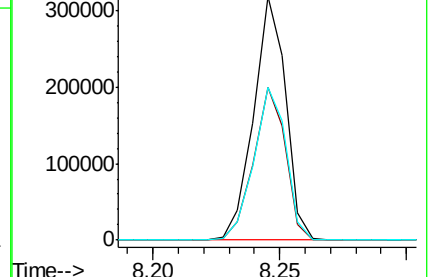
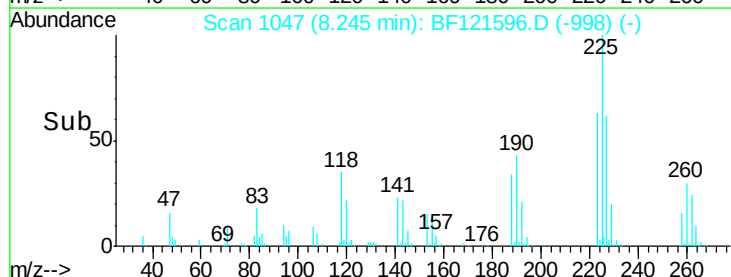
227 62.5 51.0 76.4

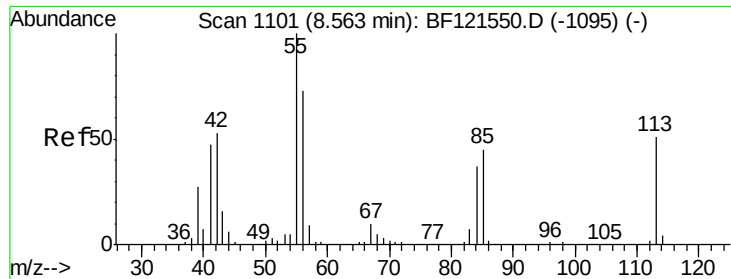


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

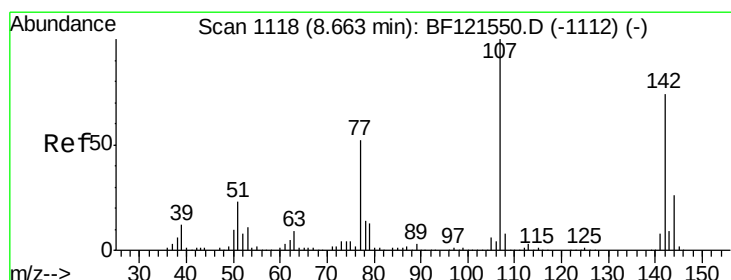
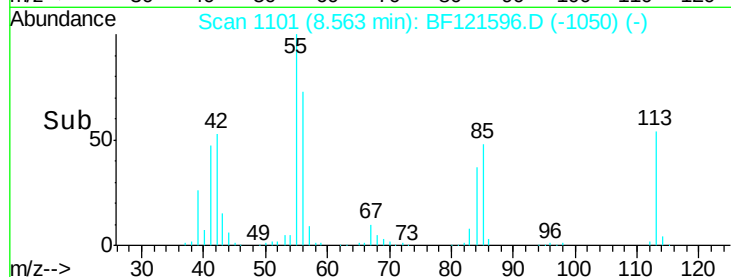
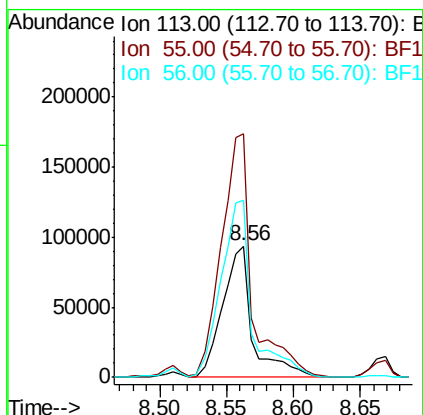
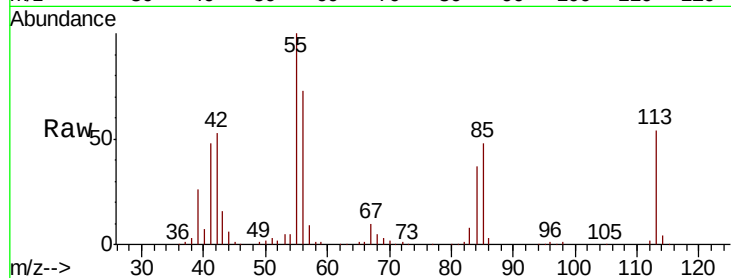




#35
 Caprolactam
 Concen: 44.700 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.00 min
 Lab File: BF121596.D
 Acq: 16 Sep 2020 14:46

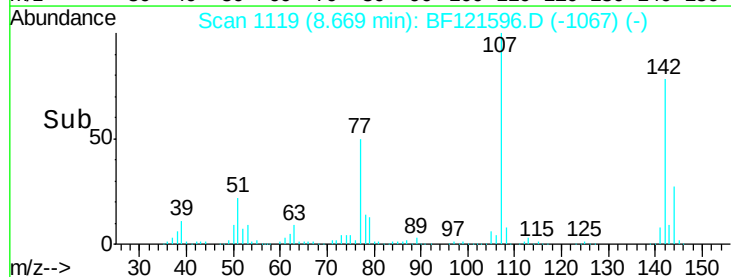
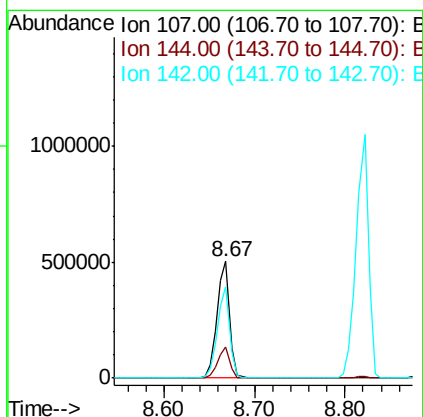
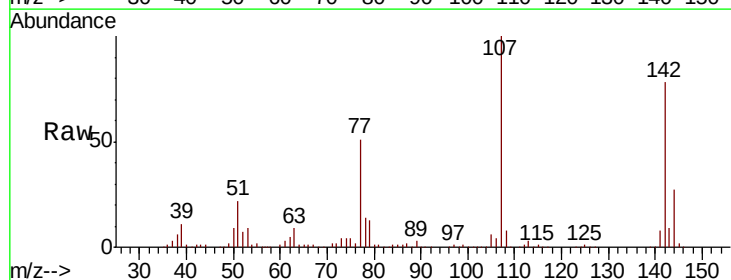
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

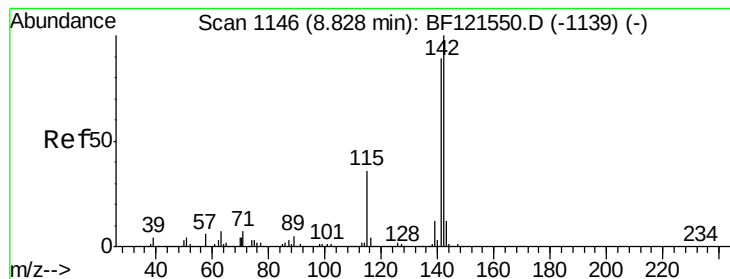
Tot Ion:113 Resp: 148755
 Ion Ratio Lower Upper
 113 100
 55 185.5 176.2 216.2
 56 134.8 123.9 163.9



#36
 4-Chloro-3-methylphenol
 Concen: 44.188 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.01 min
 Lab File: BF121596.D
 Acq: 16 Sep 2020 14:46

Tgt Ion:107 Resp: 475689
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.5 30.7
 142 78.4 59.5 89.3





#37

2-Methylnaphthalene

Concen: 43.195 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

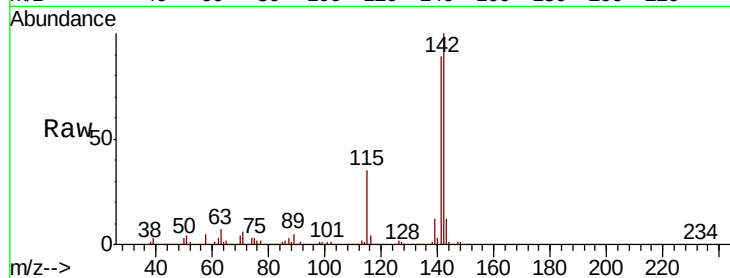
Tot Ion:142 Resp: 979657

Ion Ratio Lower Upper

142 100

141 88.7 71.5 107.3

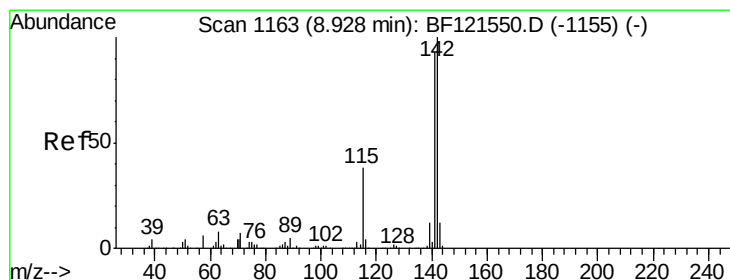
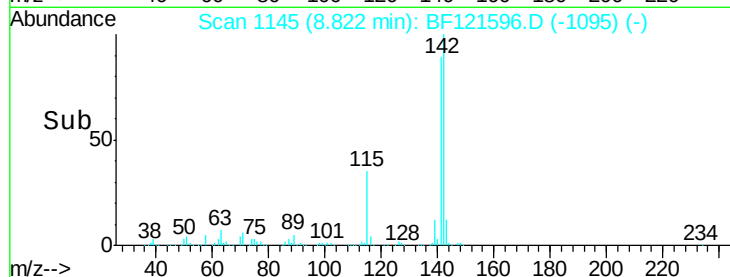
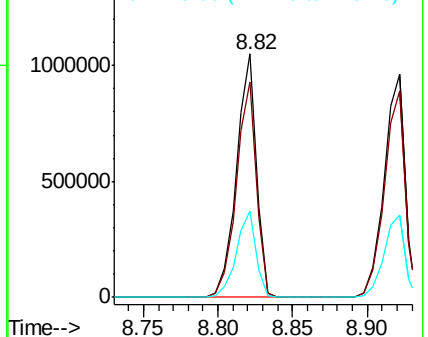
115 35.5 28.7 43.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.242 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

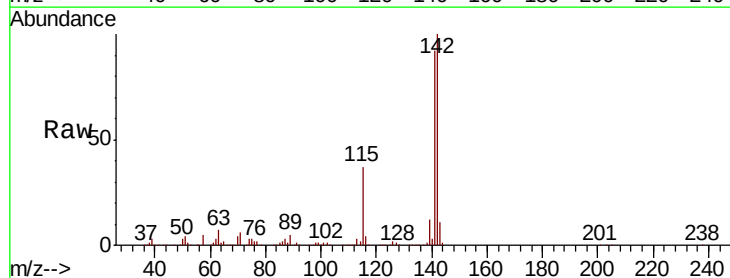
Tgt Ion:142 Resp: 912725

Ion Ratio Lower Upper

142 100

141 92.4 74.8 112.2

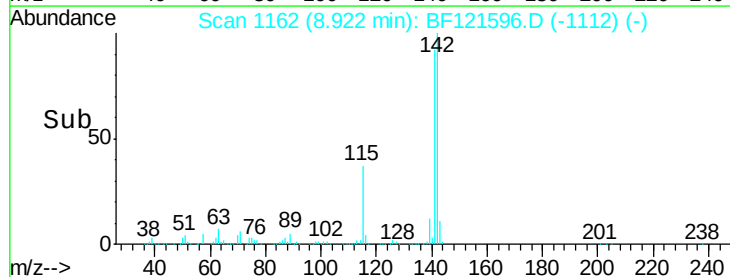
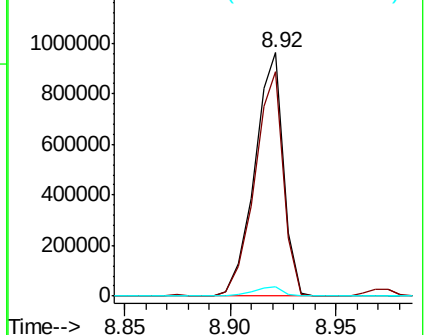
116 3.9 3.0 4.6

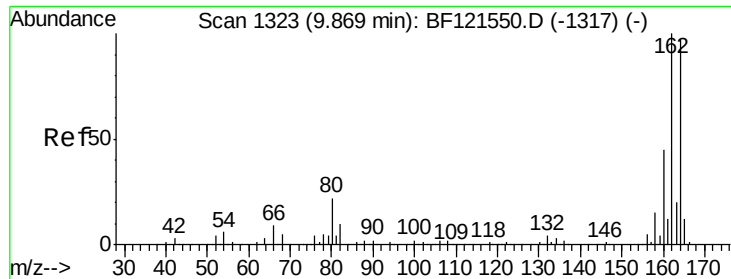


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

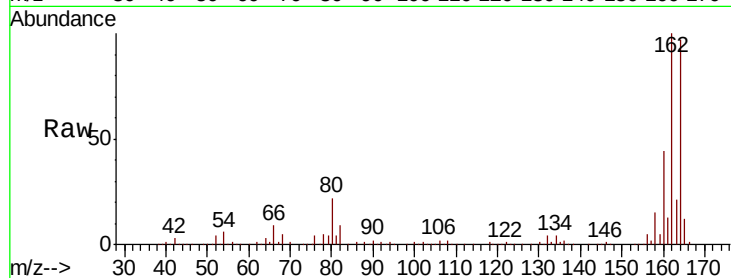
Tot Ion:164 Resp: 341701

Ion Ratio Lower Upper

164 100

162 103.5 82.3 123.5

160 46.0 37.0 55.4

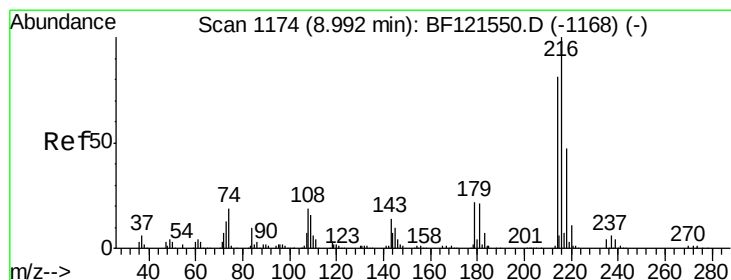
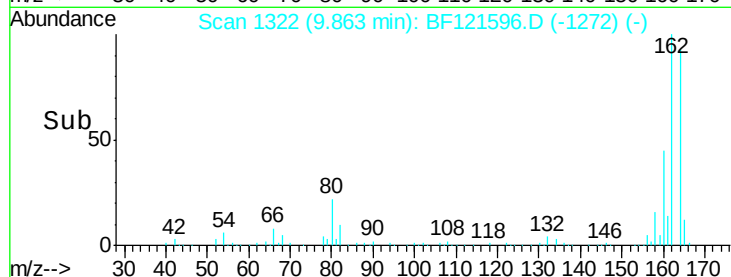
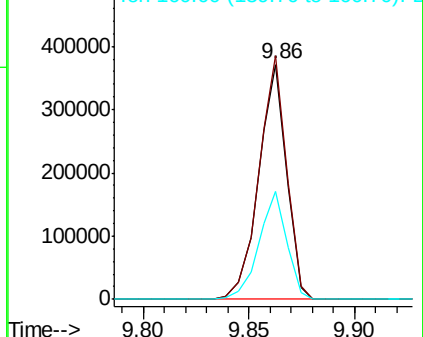


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.569 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

Tgt Ion:216 Resp: 465041

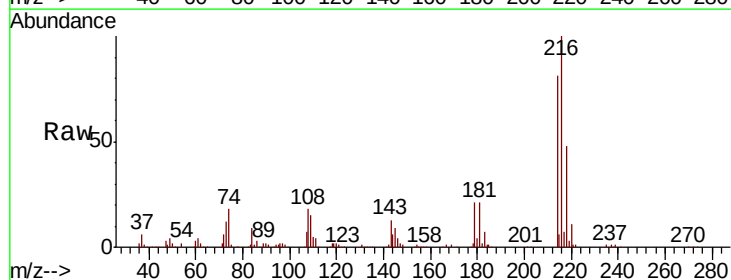
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.8

179 20.8 16.6 25.0

108 19.3 15.8 23.6



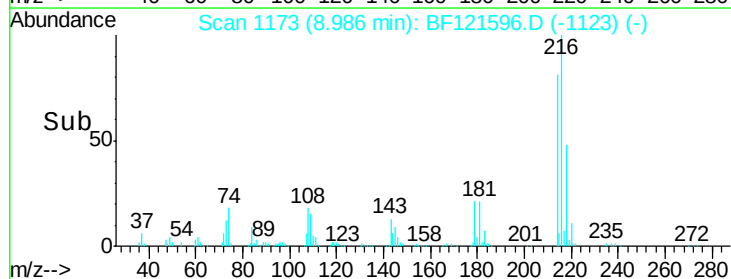
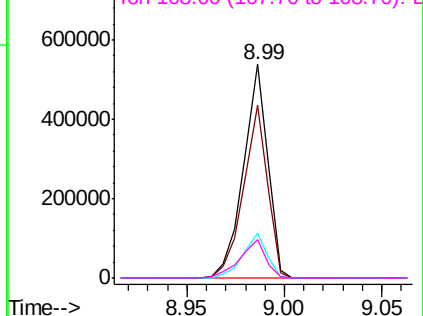
Abundance

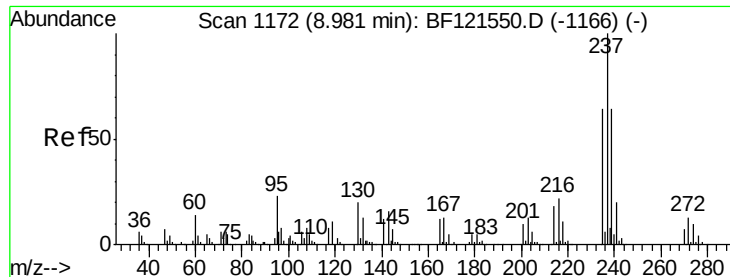
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

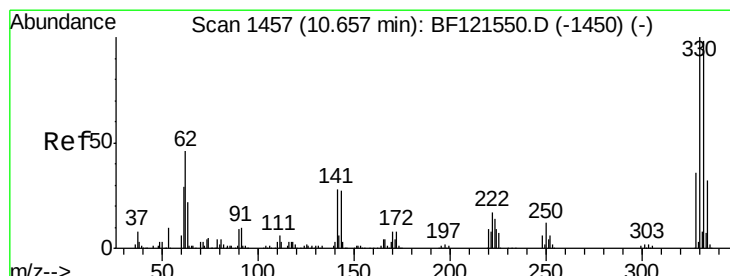
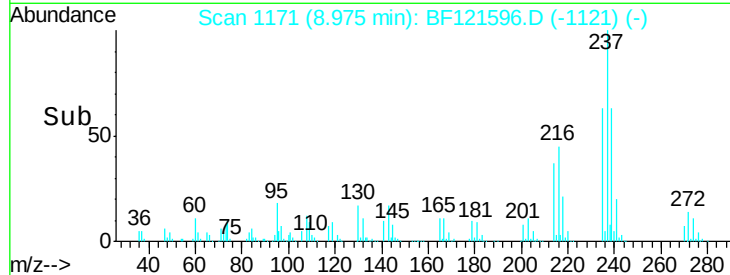
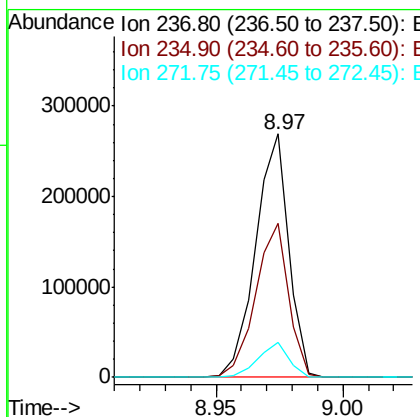
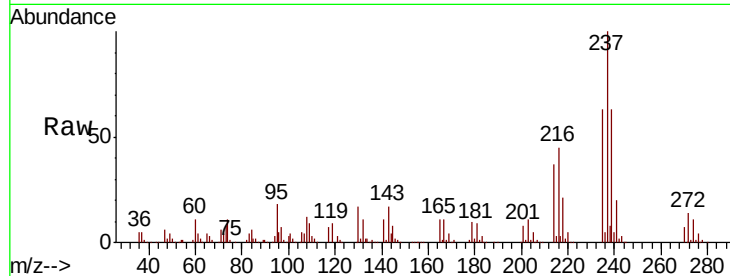




#41
Hexachlorocyclopentadiene
Concen: 40.038 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

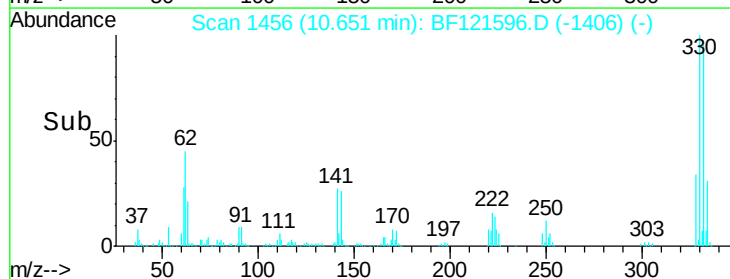
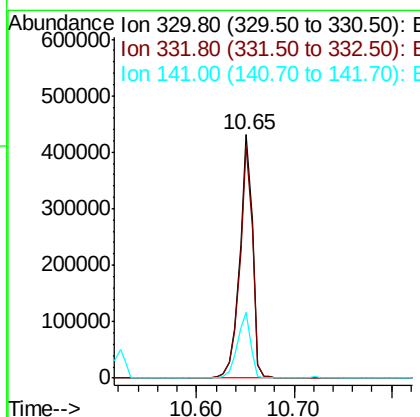
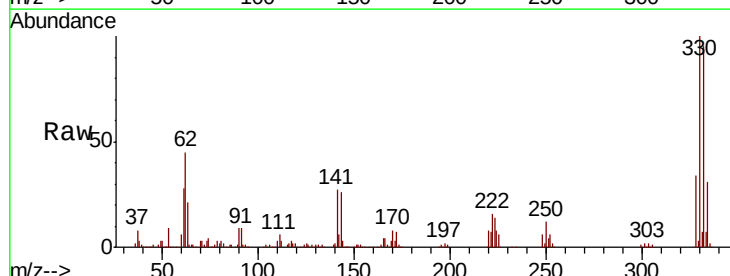
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

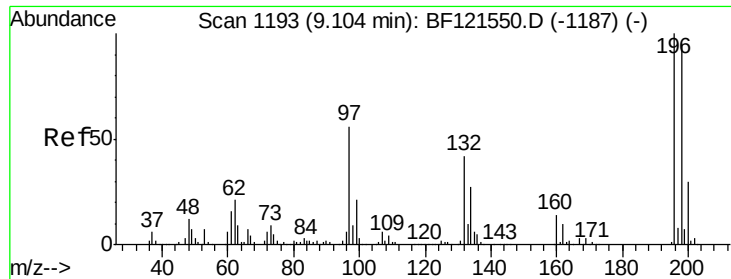
Tot Ion: 237 Resp: 244046
Ion Ratio Lower Upper
237 100
235 63.1 44.0 84.0
272 14.3 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 92.213 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

Tgt Ion: 330 Resp: 391619
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 28.3 23.6 35.4

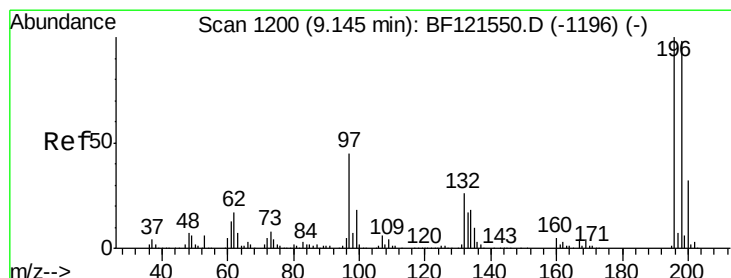
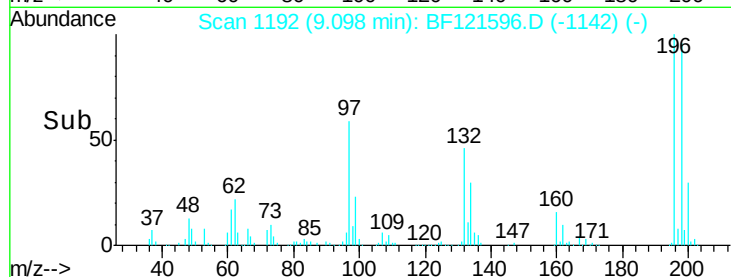
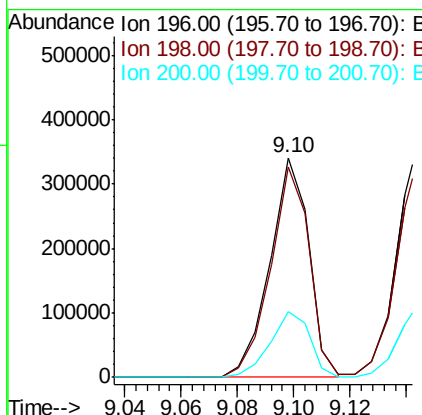
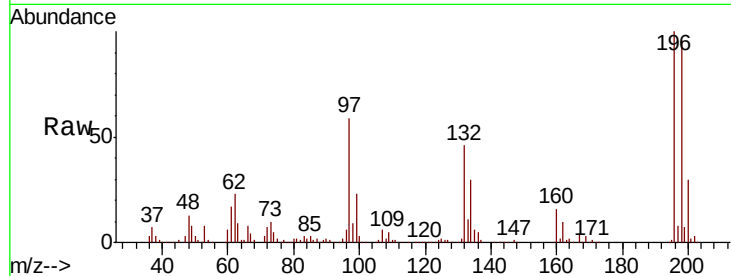




#43
 2,4,6-Trichlorophenol
 Concen: 44.837 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF121596.D
 Acq: 16 Sep 2020 14:46

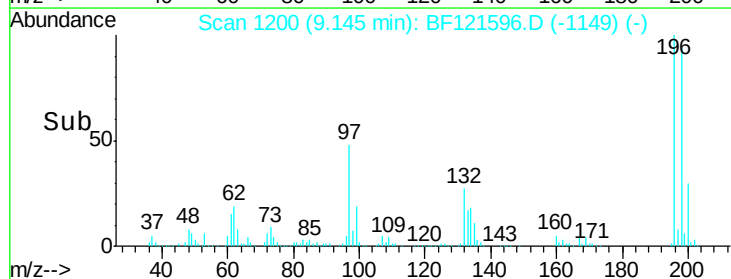
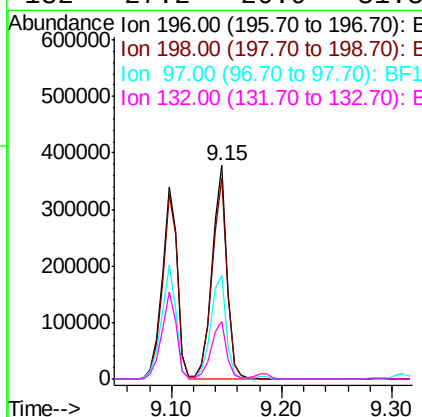
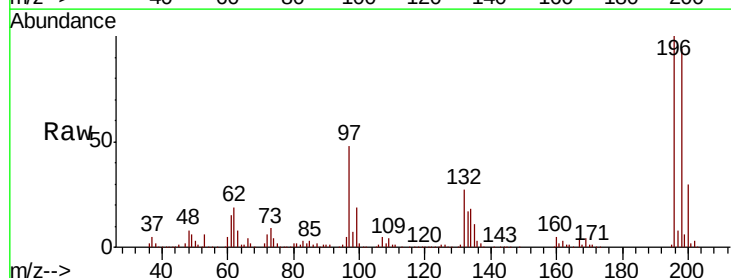
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

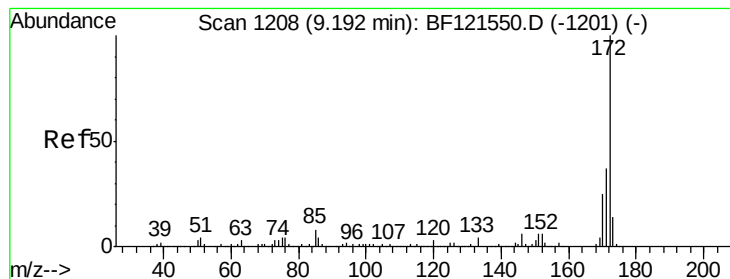
Tot Ion:196	Resp:	326199
Ion	Ratio	Lower Upper
196	100	
198	95.7	75.6 113.4
200	29.9	24.0 36.0



#44
 2,4,5-Trichlorophenol
 Concen: 44.899 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF121596.D
 Acq: 16 Sep 2020 14:46

Tgt Ion:196	Resp:	345328
Ion	Ratio	Lower Upper
196	100	
198	93.9	78.1 117.1
97	48.4	36.8 55.2
132	27.2	20.9 31.3





#45

2-Fluorobiphenyl

Concen: 82.553 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

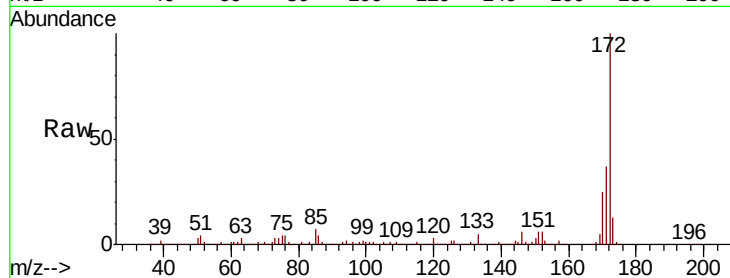
Tot Ion:172 Resp: 1862528

Ion Ratio Lower Upper

172 100

171 37.1 29.8 44.6

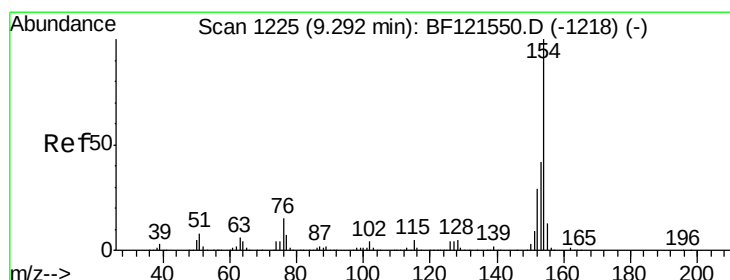
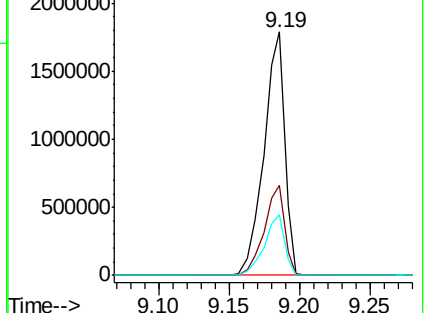
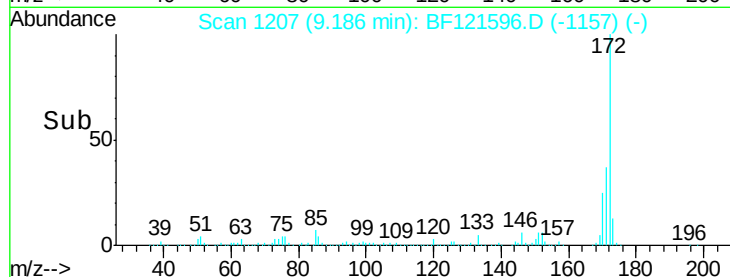
170 24.9 19.8 29.8



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: 42.830 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

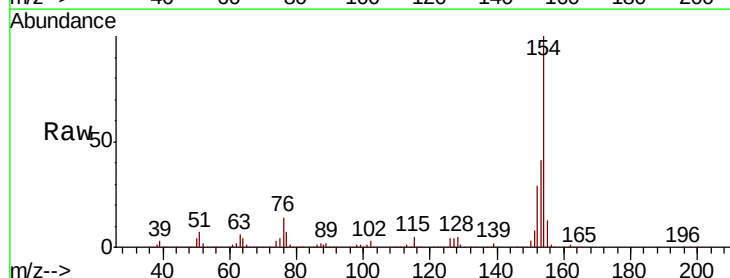
Tgt Ion:154 Resp: 1171633

Ion Ratio Lower Upper

154 100

153 41.2 21.7 61.7

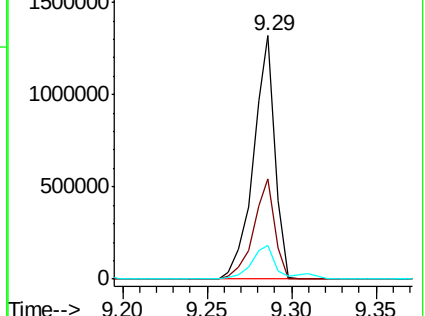
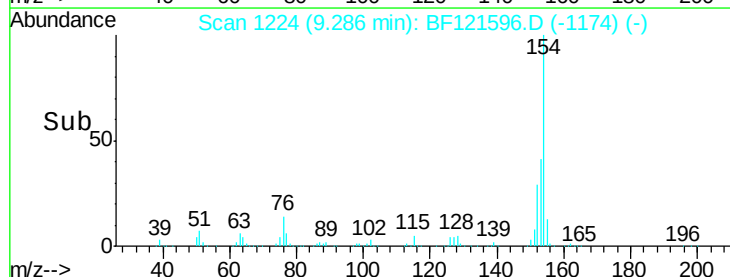
76 13.9 0.0 35.5

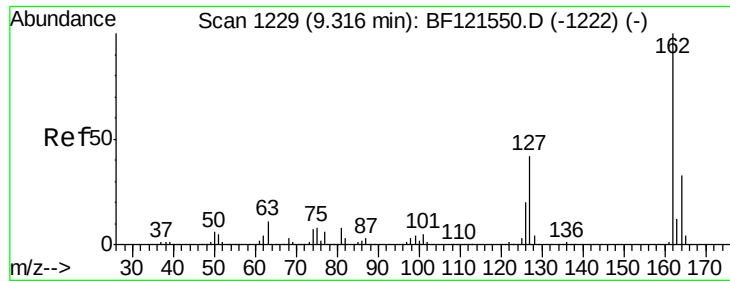


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

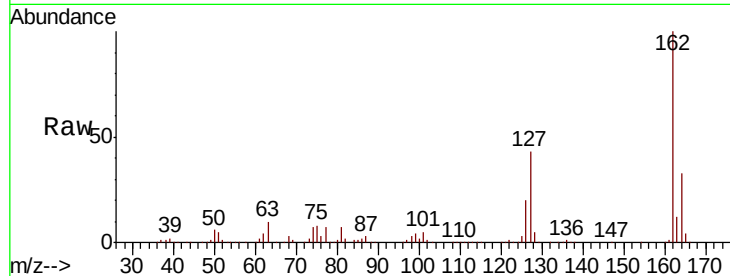




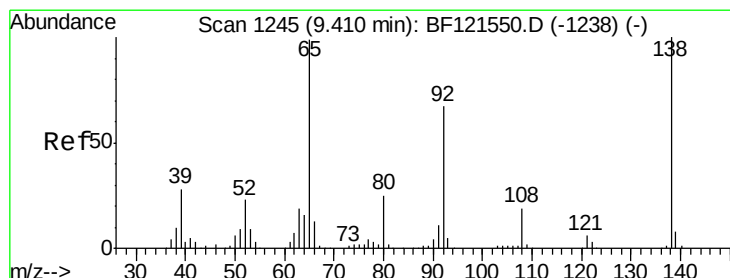
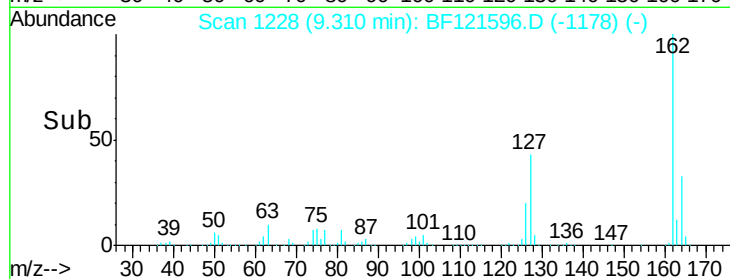
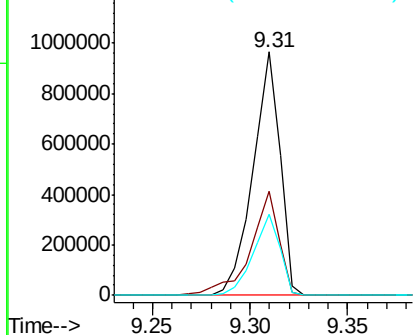
#47
 2-Chloronaphthalene
 Concen: 42.936 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF121596.D
 Acq: 16 Sep 2020 14:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.8	33.9	50.9
164	33.3	26.7	40.1

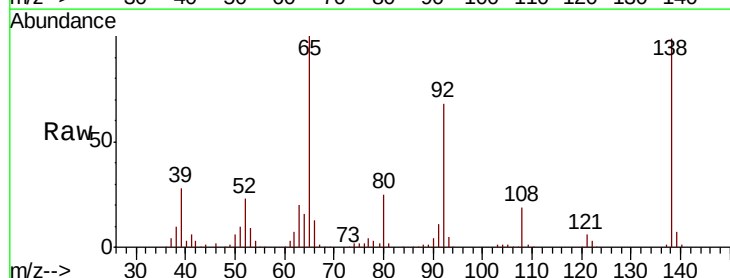


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

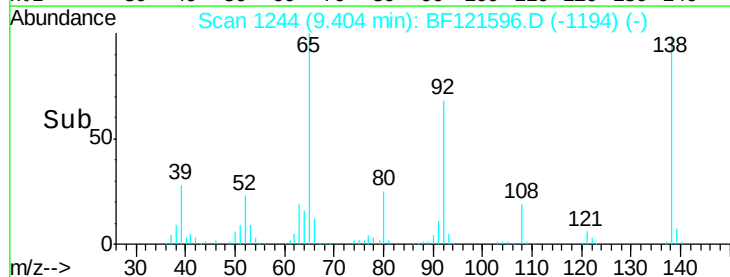
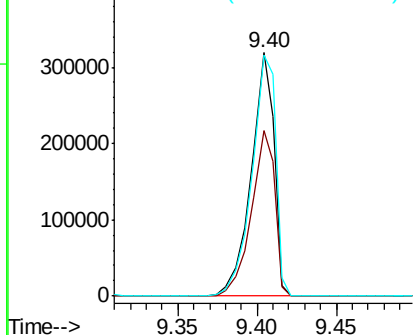


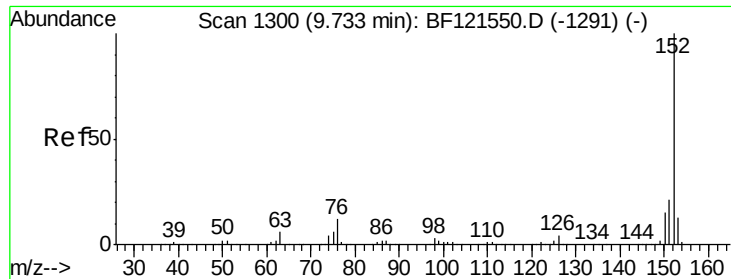
#48
 2-Nitroaniline
 Concen: 47.664 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BF121596.D
 Acq: 16 Sep 2020 14:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	54.2	81.4
138	99.0	80.8	121.2



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





#49

Acenaphthylene

Concen: 43.300 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

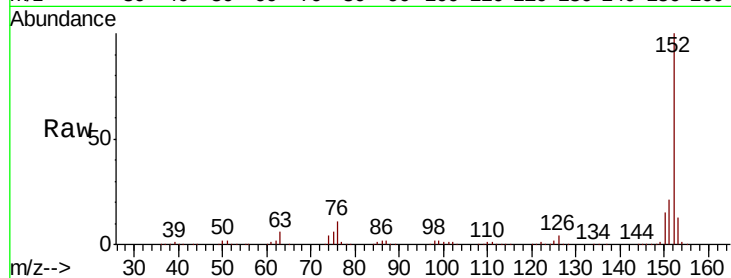
Tot Ion:152 Resp: 1434154

Ion Ratio Lower Upper

152 100

151 20.7 16.6 24.8

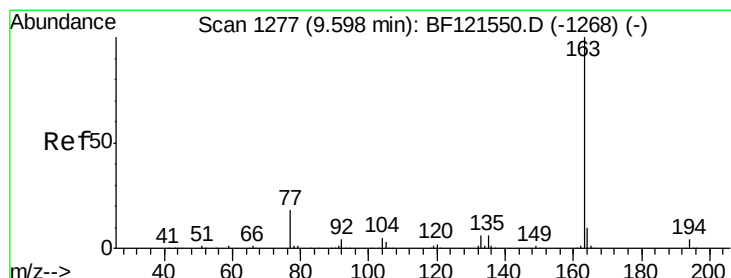
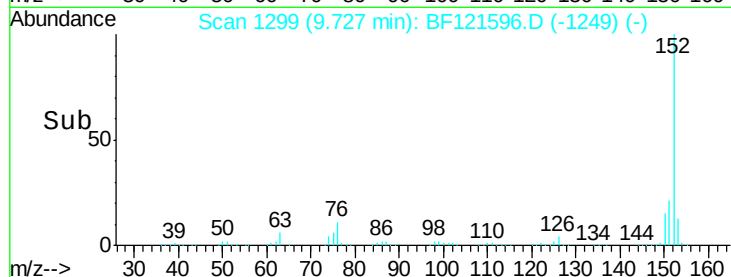
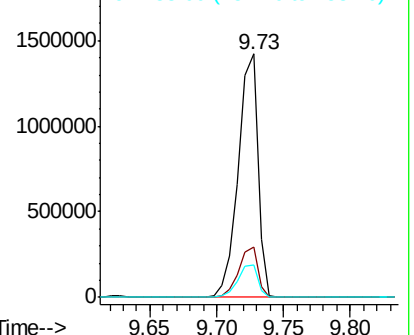
153 13.1 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.447 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

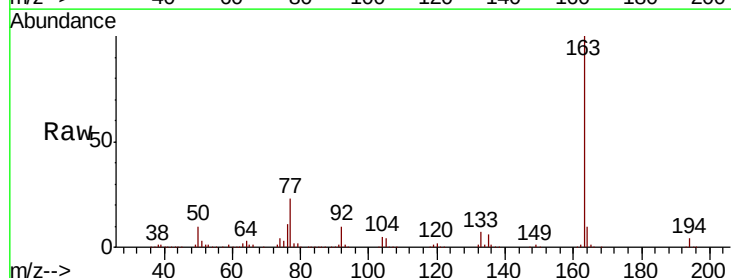
Tgt Ion:163 Resp: 1100778

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

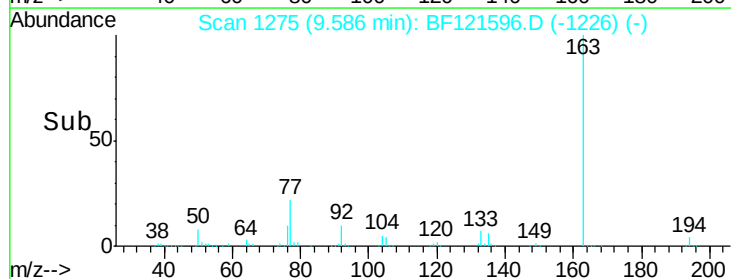
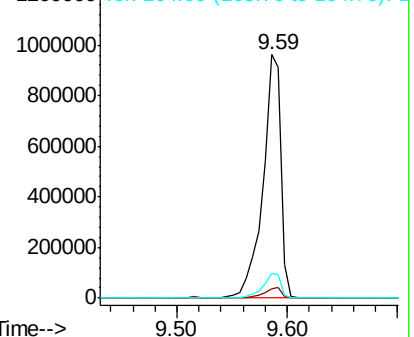
164 10.3 7.9 11.9

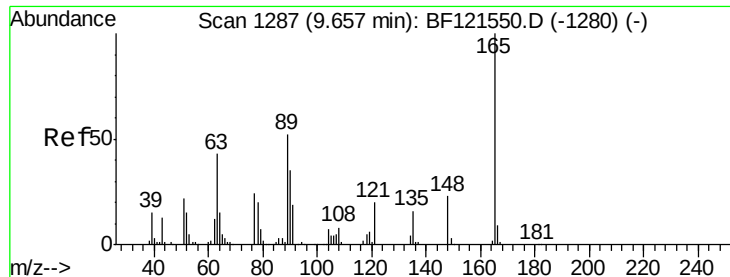


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.171 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

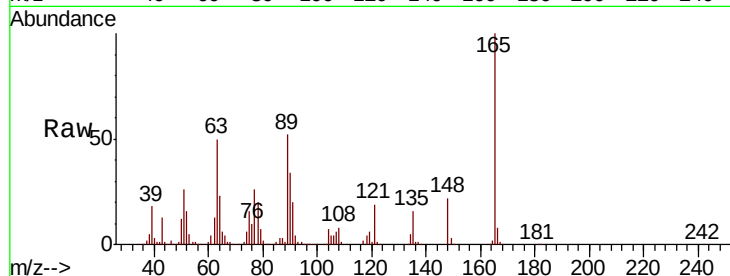
Tot Ion:165 Resp: 254072

Ion Ratio Lower Upper

165 100

63 50.2 40.6 61.0

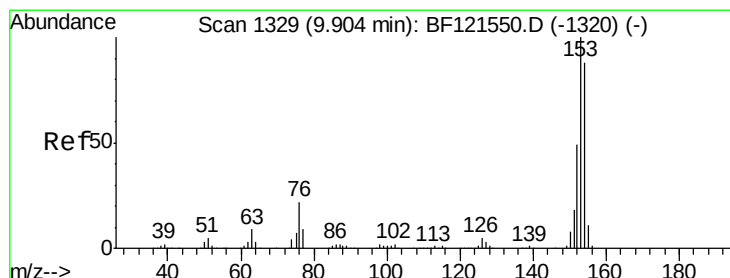
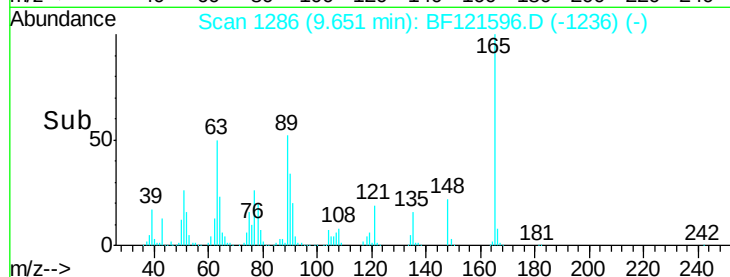
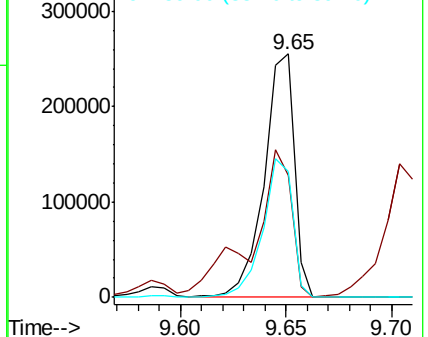
89 51.9 41.8 62.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.898 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

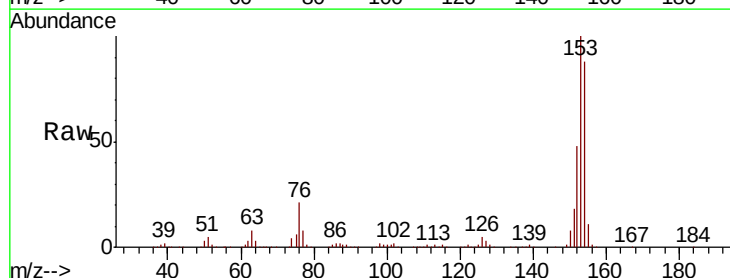
Tgt Ion:154 Resp: 855575

Ion Ratio Lower Upper

154 100

153 113.3 91.0 136.4

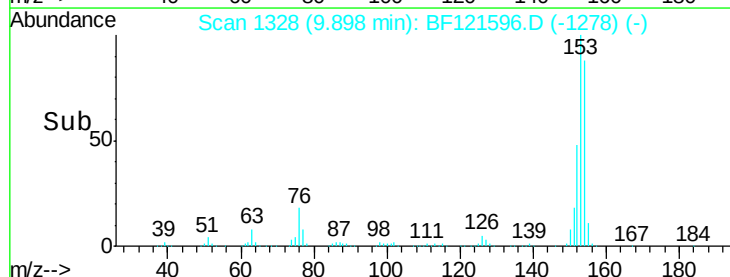
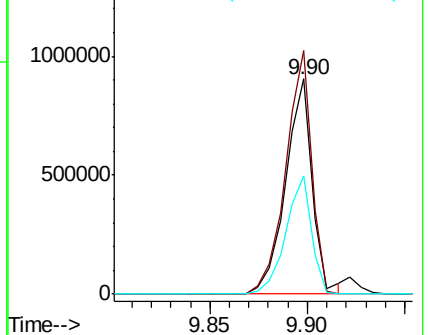
152 54.9 44.2 66.2

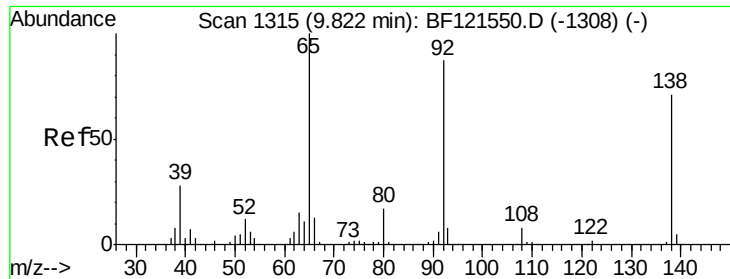


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

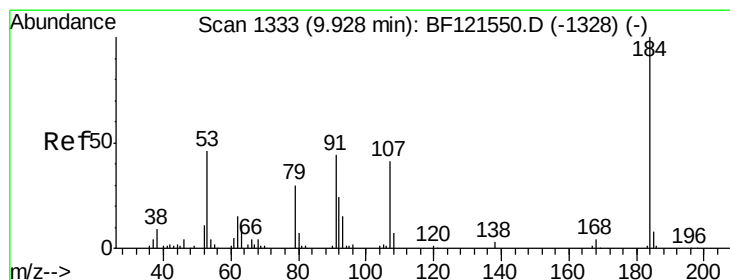
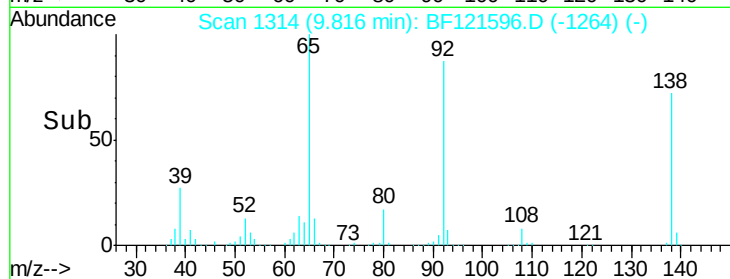
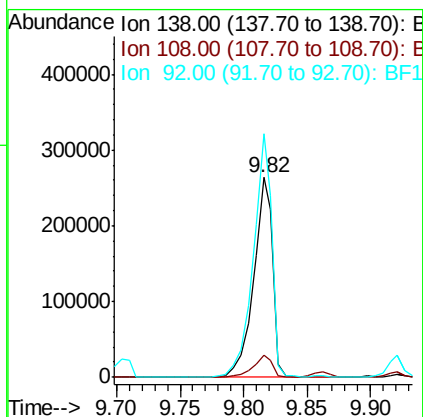
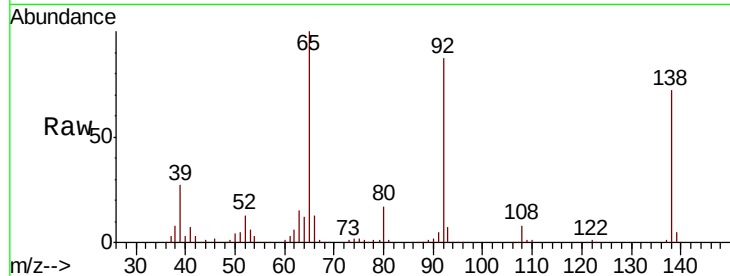




#53
3-Nitroaniline
Concen: 45.611 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

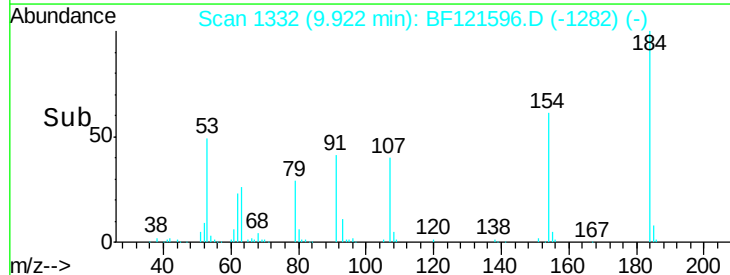
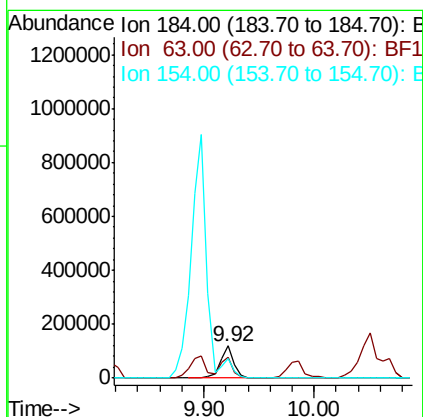
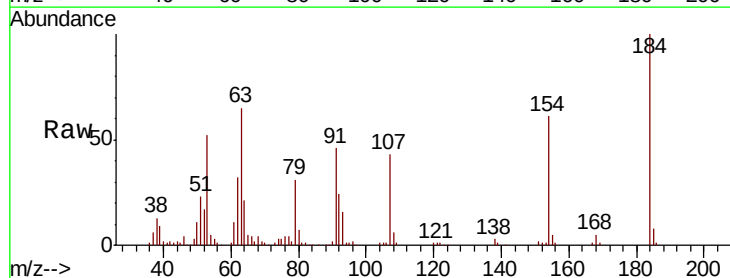
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

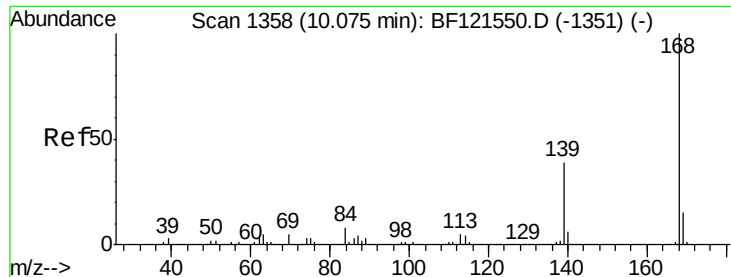
Tot Ion:138 Resp: 278683
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.6
92 121.7 97.4 146.0



#54
2,4-Dinitrophenol
Concen: 38.445 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

Tgt Ion:184 Resp: 100834
Ion Ratio Lower Upper
184 100
63 64.6 47.7 71.5
154 60.6 47.2 70.8

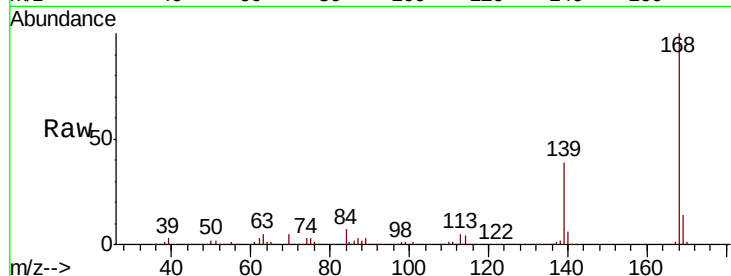




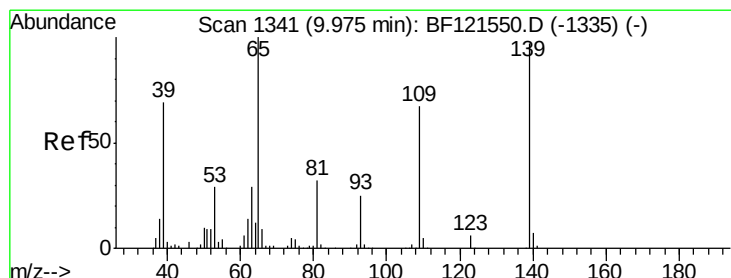
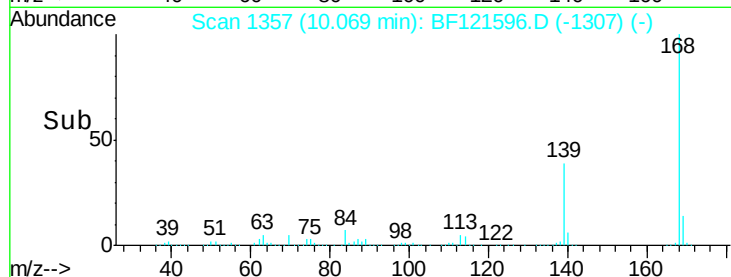
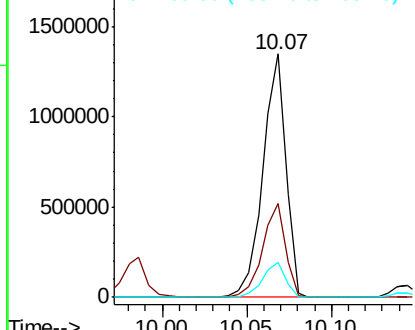
#55
Dibenzofuran
Concen: 43.200 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:168 Resp: 1272695
Ion Ratio Lower Upper
168 100
139 38.6 31.4 47.0
169 14.4 11.9 17.9

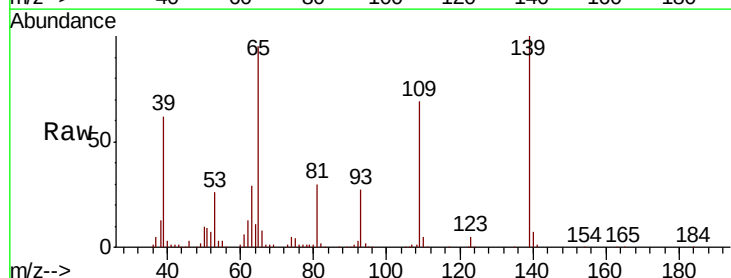


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

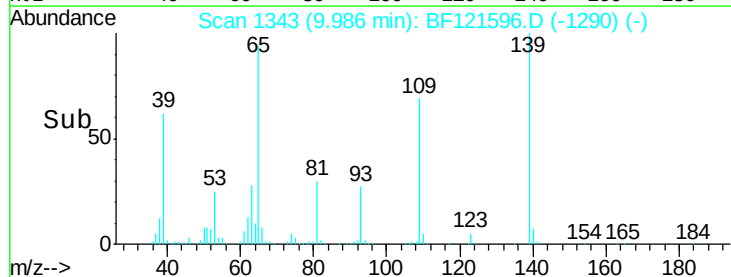
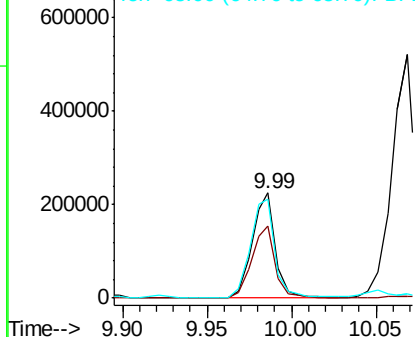


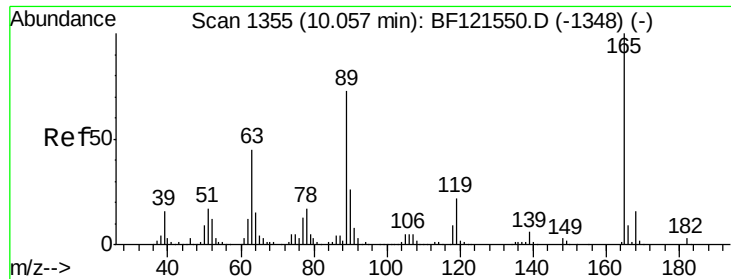
#56
4-Nitrophenol
Concen: 44.398 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

Tgt Ion:139 Resp: 216340
Ion Ratio Lower Upper
139 100
109 69.2 48.8 88.8
65 94.6 83.6 123.6



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

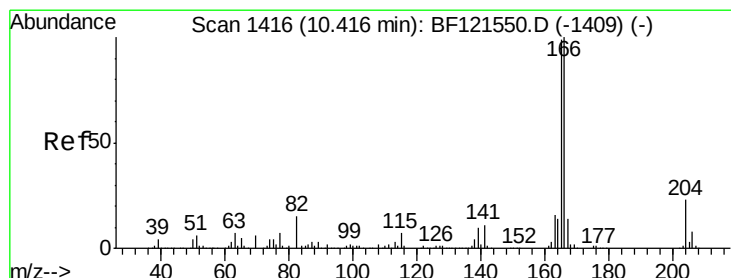
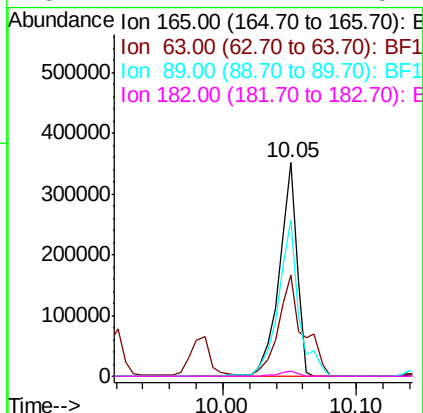
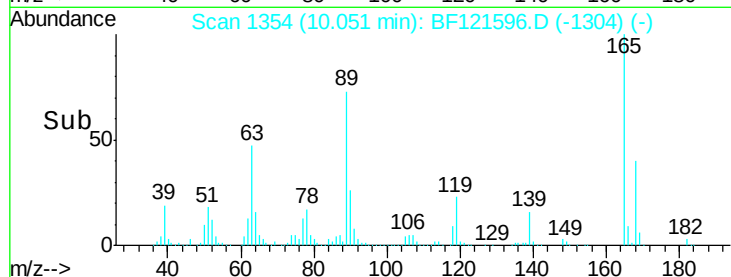
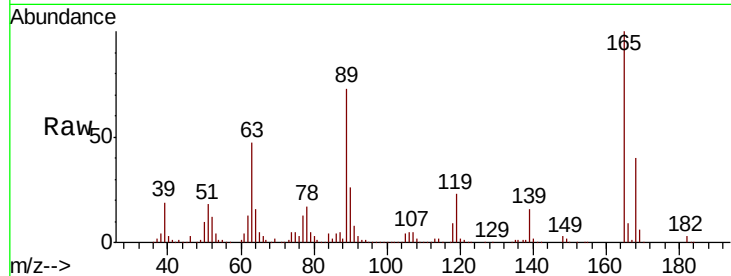




#57
2,4-Dinitrotoluene
Concen: 50.007 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

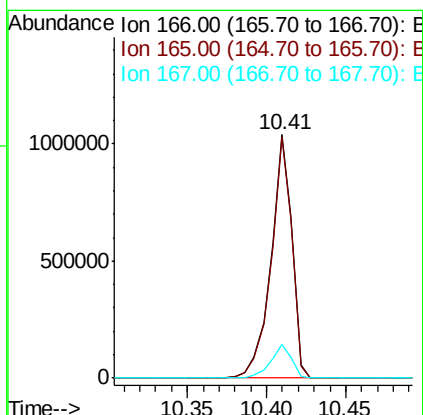
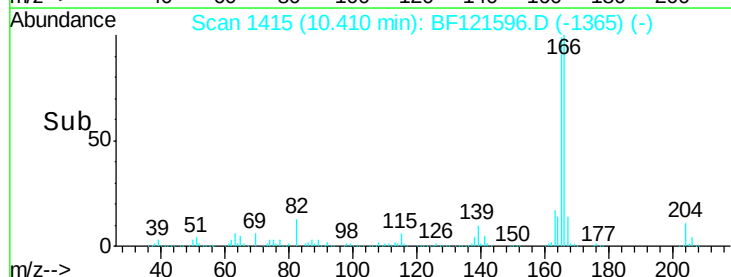
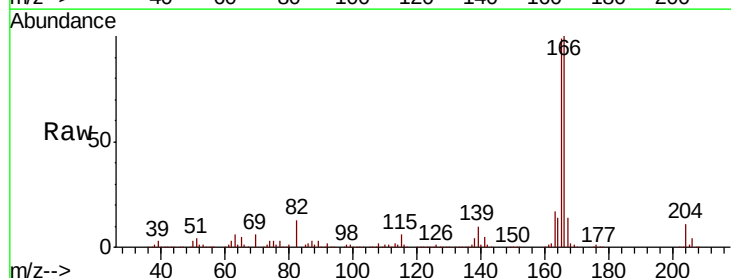
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

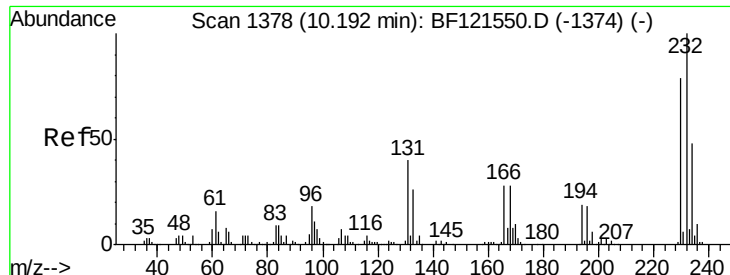
Tot Ion:165 Resp: 331820
Ion Ratio Lower Upper
165 100
63 47.4 36.2 54.4
89 73.2 58.2 87.4
182 2.7 2.2 3.2



#58
Fluorene
Concen: 42.761 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

Tgt Ion:166 Resp: 963380
Ion Ratio Lower Upper
166 100
165 99.1 79.0 118.4
167 13.6 11.0 16.6

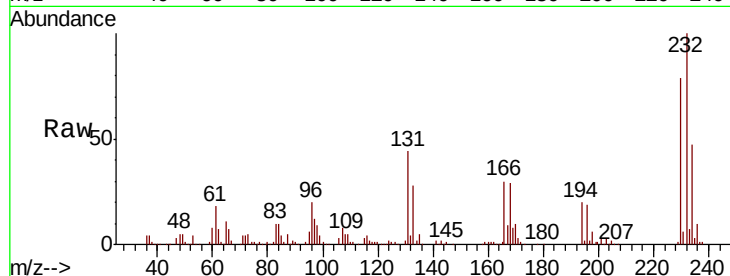




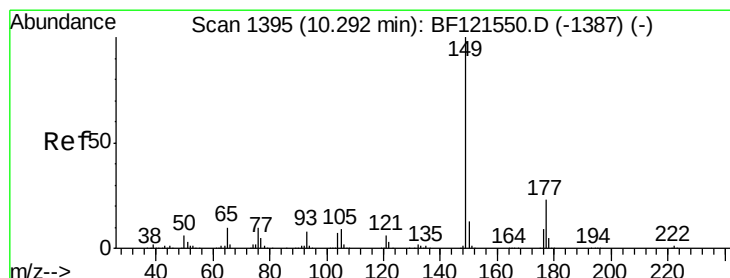
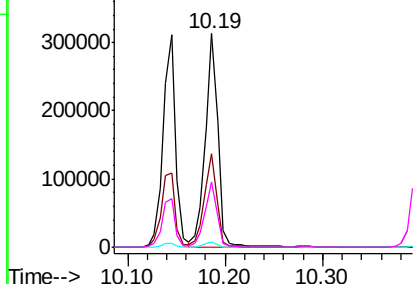
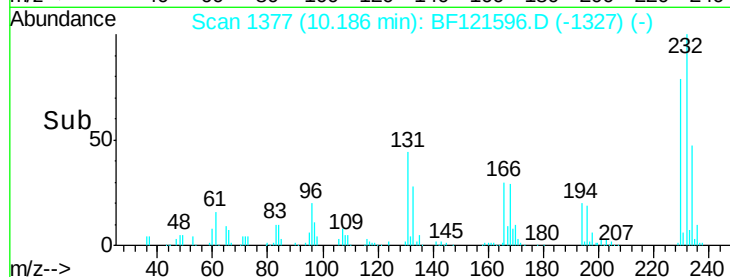
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.821 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BF121596.D
 Acq: 16 Sep 2020 14:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	232	Resp:	280254
Ion	Ratio	Lower	Upper
232	100		
131	43.4	36.3	54.5
130	2.2	1.9	2.9
166	29.9	23.9	35.9

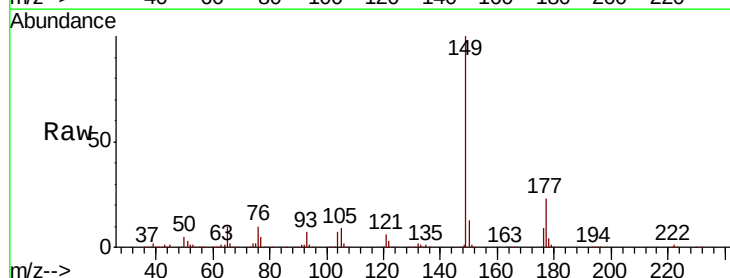


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

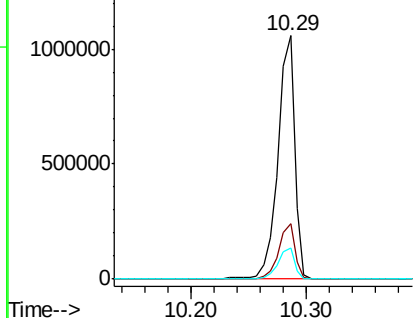
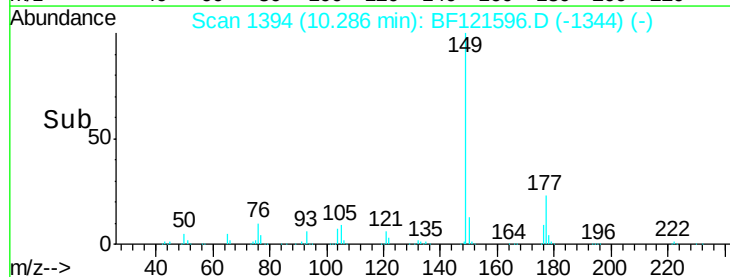


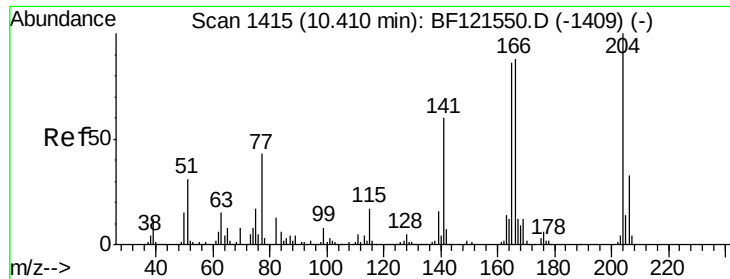
#60
 Diethylphthalate
 Concen: 44.411 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF121596.D
 Acq: 16 Sep 2020 14:46

Tgt Ion:	149	Resp:	1072370
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.2
150	12.8	10.2	15.2



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

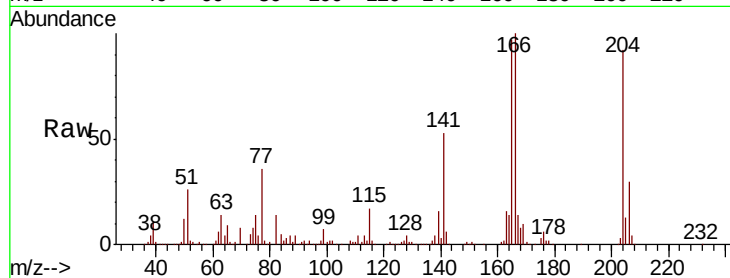




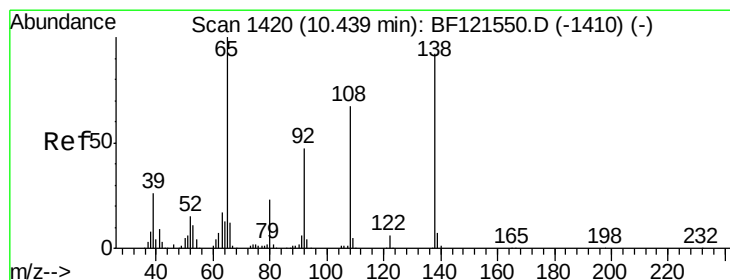
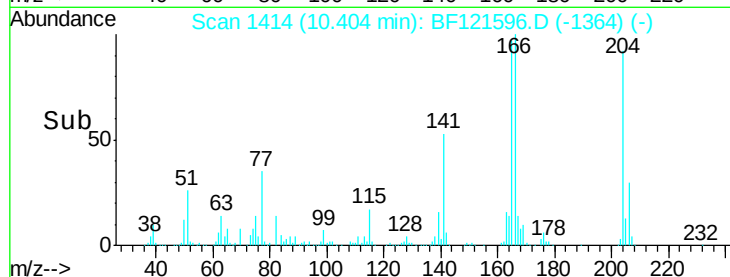
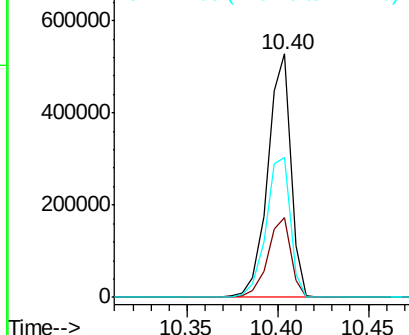
#61
4-Chlorophenyl-phenylether
Concen: 43.280 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:204 Resp: 467093
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 57.3 48.3 72.5

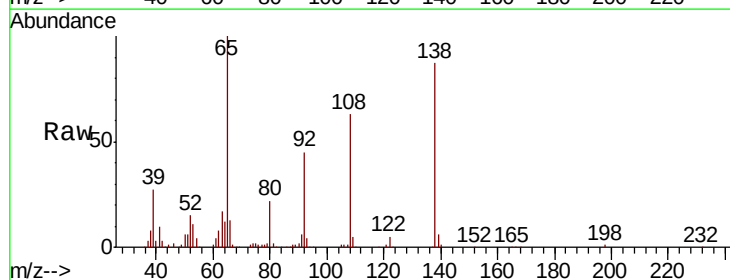


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

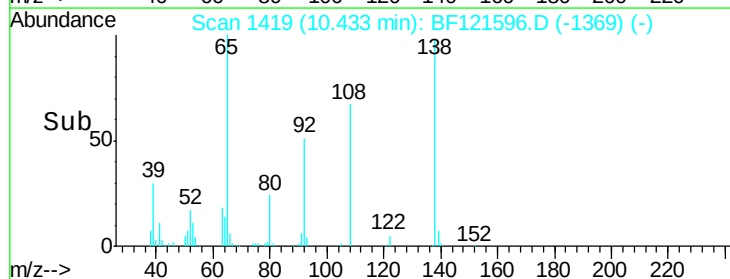
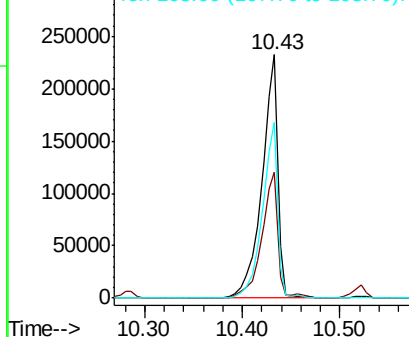


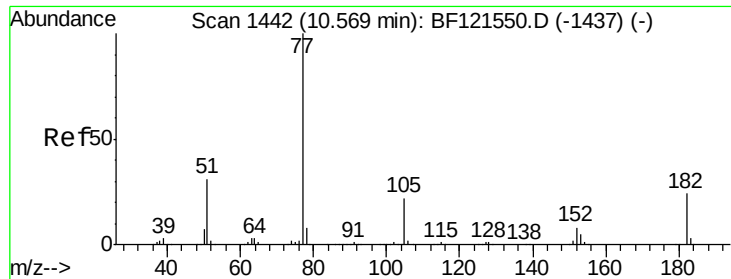
#62
4-Nitroaniline
Concen: 44.533 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

Tgt Ion:138 Resp: 270166
Ion Ratio Lower Upper
138 100
92 51.5 31.4 71.4
108 72.1 52.4 92.4



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

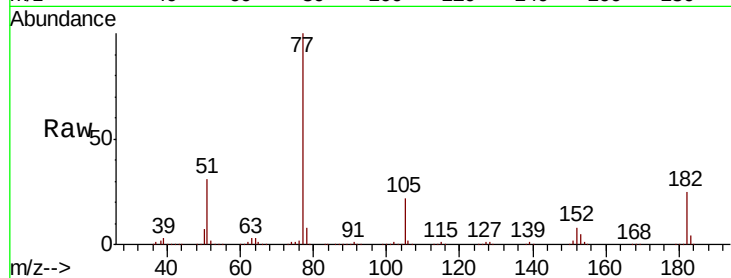




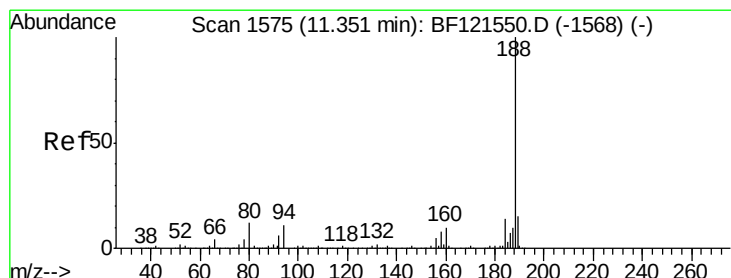
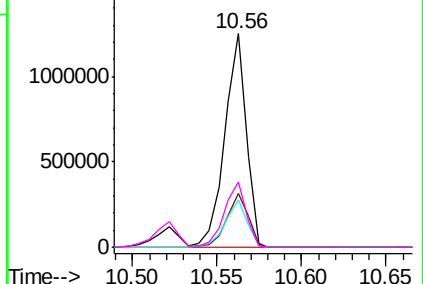
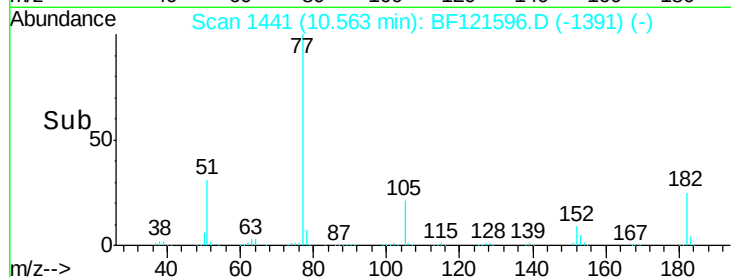
#63
Azobenzene
Concen: 43.010 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 77 Resp: 1105958
Ion Ratio Lower Upper
77 100
182 25.3 3.9 43.9
105 22.1 2.2 42.2
51 30.8 11.1 51.1

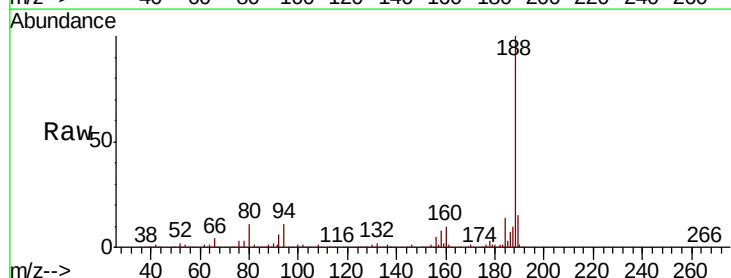


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

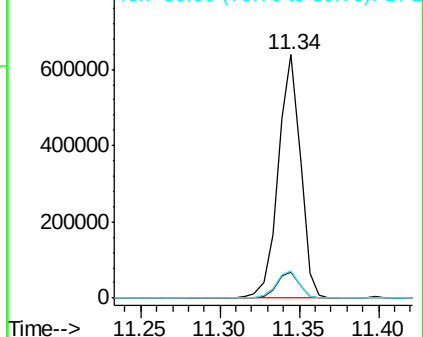
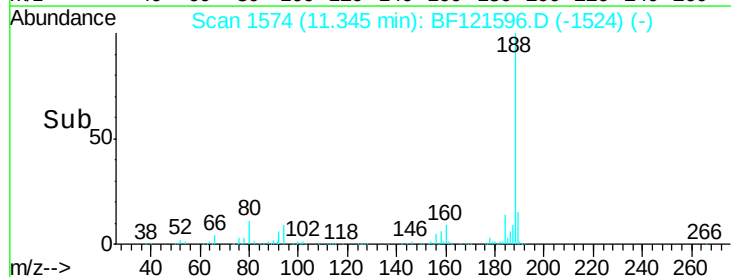


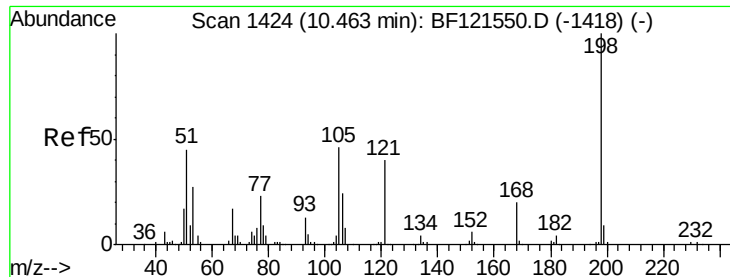
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

Tgt Ion: 188 Resp: 623581
Ion Ratio Lower Upper
188 100
94 10.7 8.7 13.1
80 11.4 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: 42.349 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

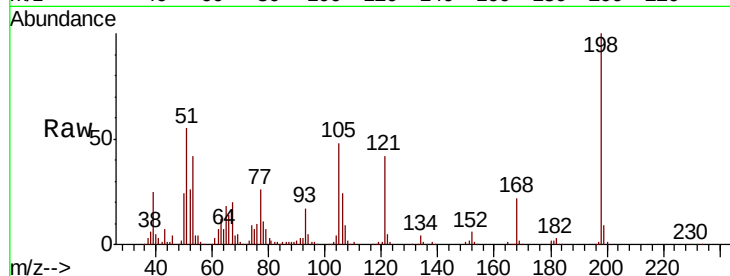
Tot Ion:198 Resp: 158449

Ion Ratio Lower Upper

198 100

51 55.3 31.1 71.1

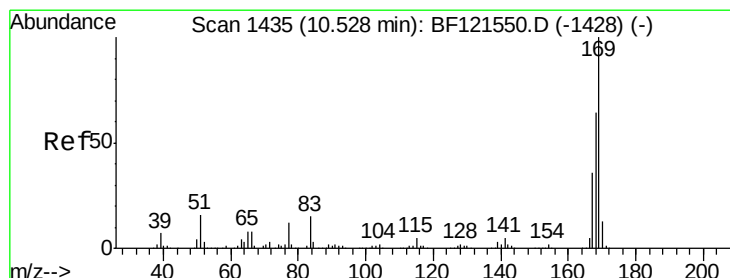
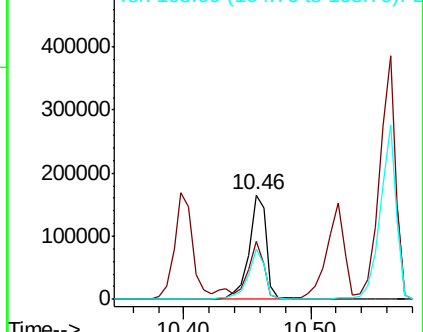
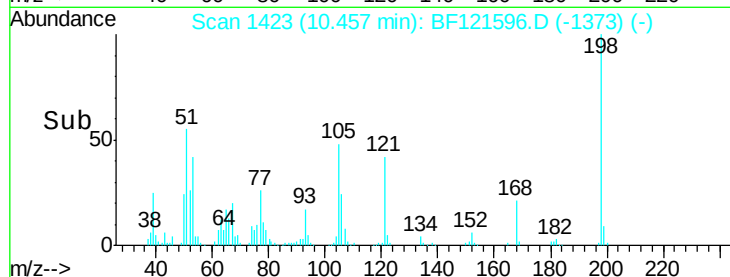
105 48.0 26.6 66.6



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: 44.071 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

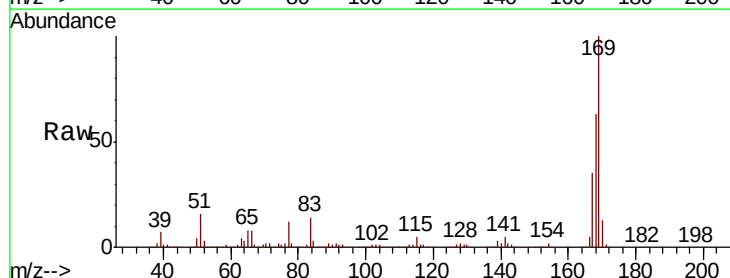
Tgt Ion:169 Resp: 942829

Ion Ratio Lower Upper

169 100

168 63.0 51.2 76.8

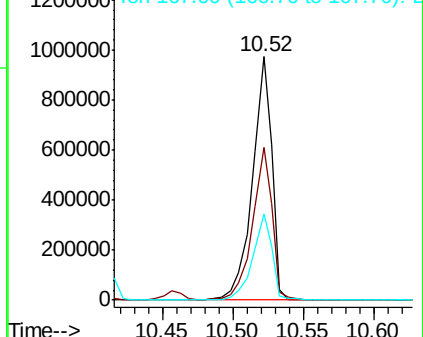
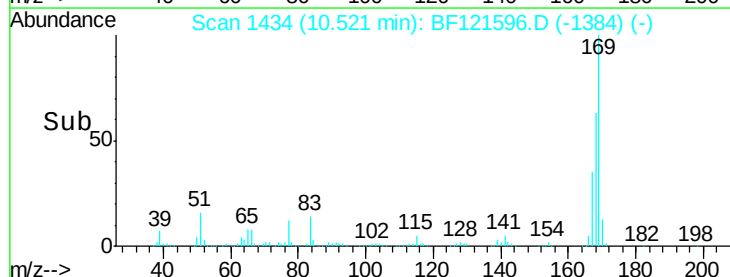
167 35.4 28.9 43.3

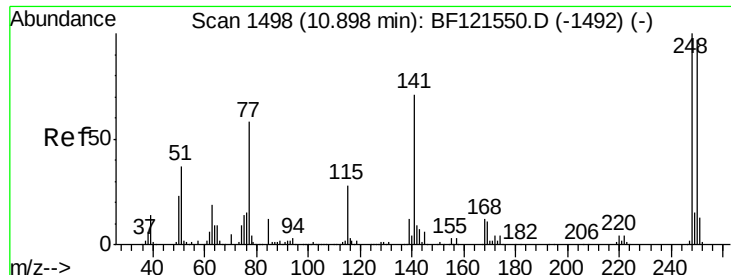


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

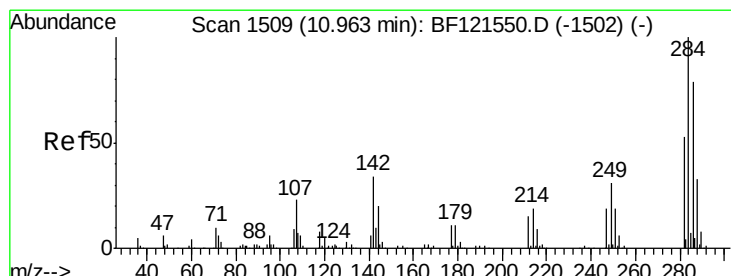
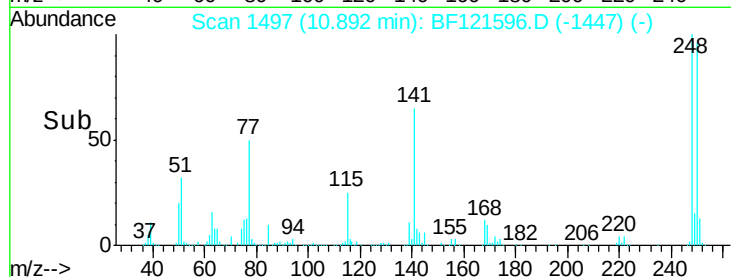
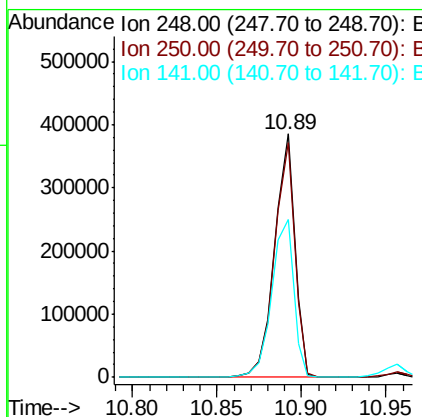
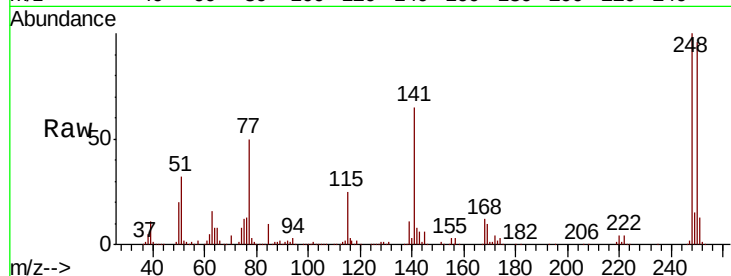




#67
 4-Bromophenyl-phenylether
 Concen: 45.294 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.01 min
 Lab File: BF121596.D
 Acq: 16 Sep 2020 14:46

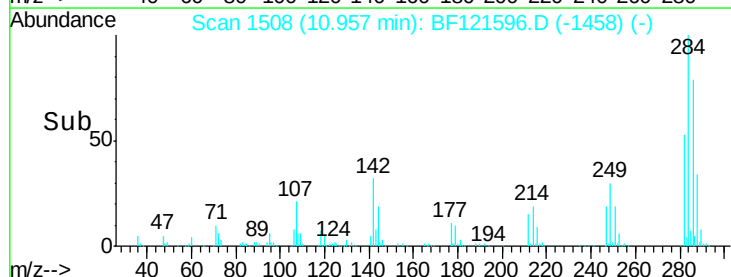
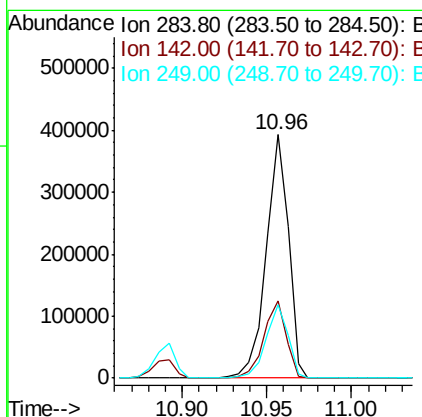
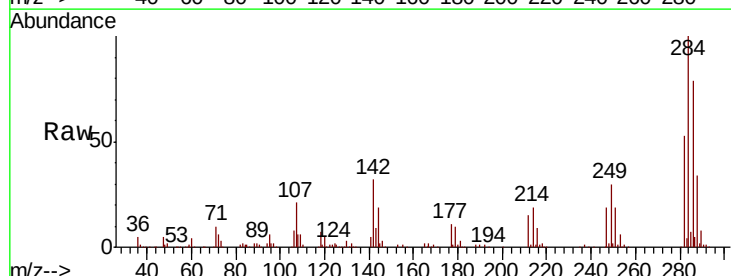
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

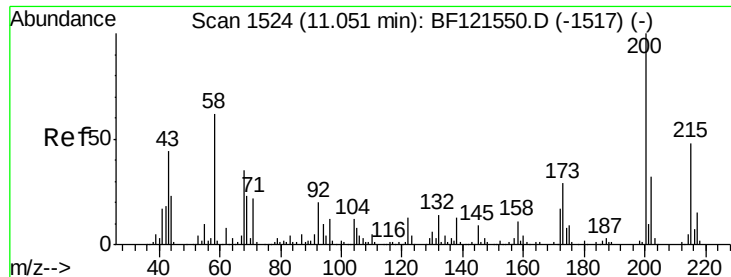
Tot Ion:248 Resp: 321576
 Ion Ratio Lower Upper
 248 100
 250 96.1 77.4 116.0
 141 65.0 56.7 85.1



#68
 Hexachlorobenzene
 Concen: 44.580 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF121596.D
 Acq: 16 Sep 2020 14:46

Tgt Ion:284 Resp: 357185
 Ion Ratio Lower Upper
 284 100
 142 31.8 27.0 40.4
 249 30.3 24.7 37.1

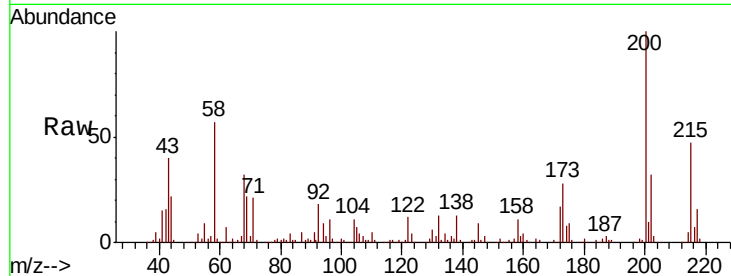




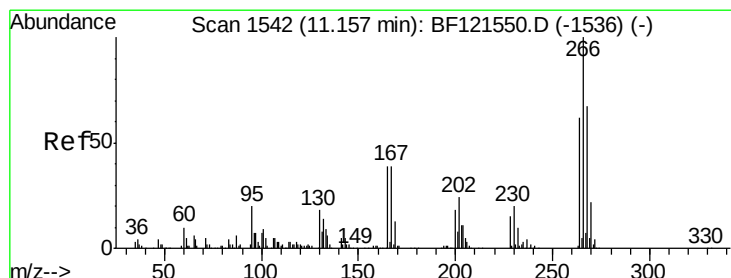
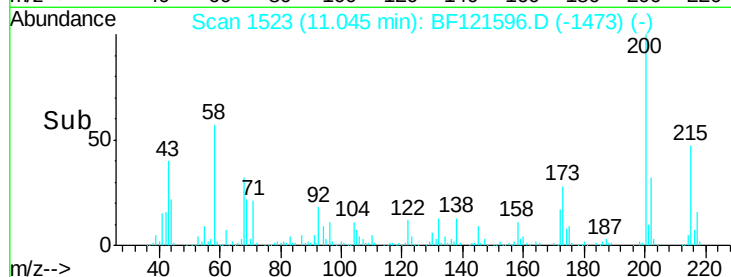
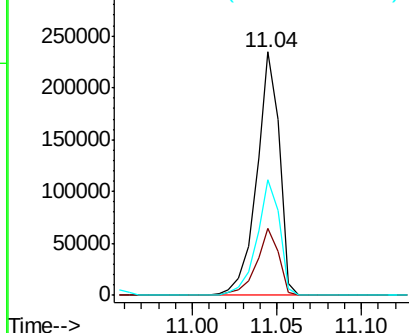
#69
 Atrazine
 Concen: 41.245 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF121596.D
 Acq: 16 Sep 2020 14:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	8.5	48.5
215	47.3	27.8	67.8

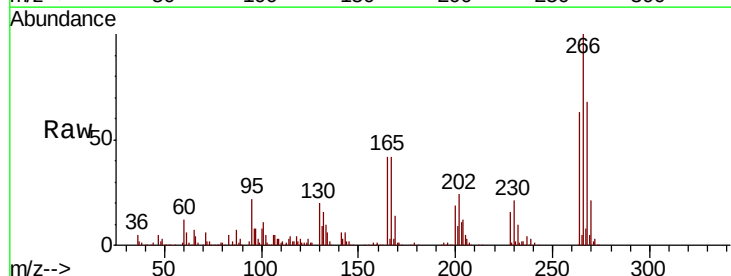


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

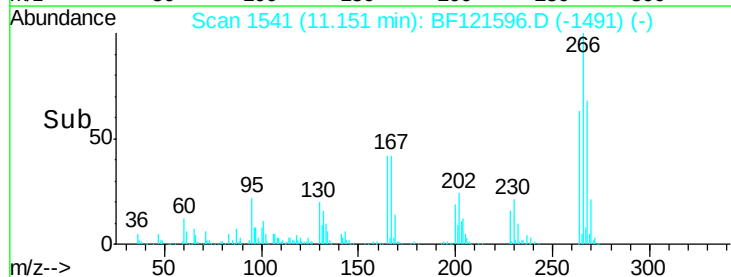
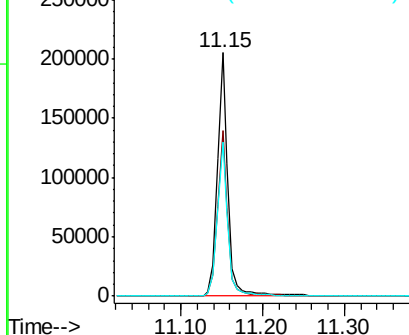


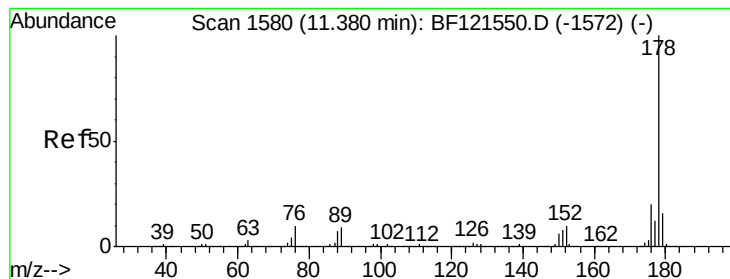
#70
 Pentachlorophenol
 Concen: 42.442 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. -0.01 min
 Lab File: BF121596.D
 Acq: 16 Sep 2020 14:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.1	53.5	80.3
264	63.4	49.8	74.8



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





#71

Phenanthrene

Concen: 43.279 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

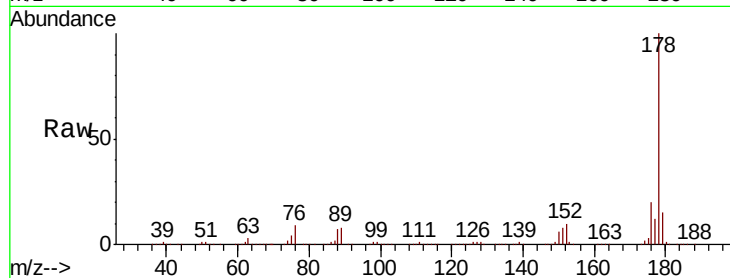
Tot Ion:178 Resp: 1470402

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.4

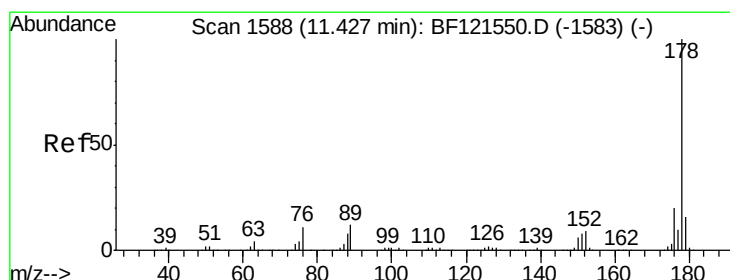
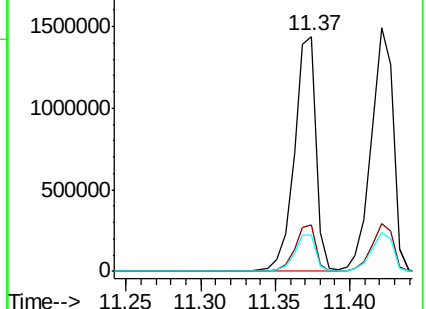
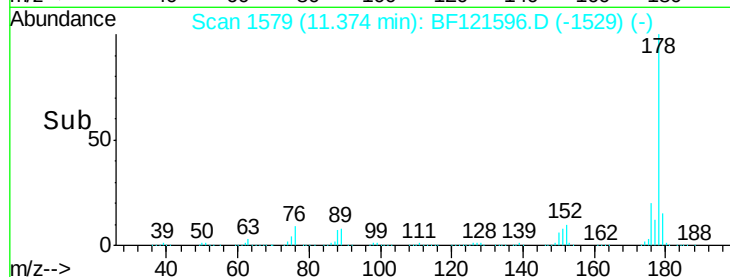
179 15.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.811 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

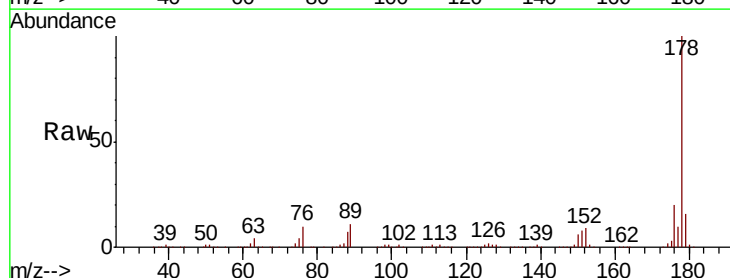
Tgt Ion:178 Resp: 1500999

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

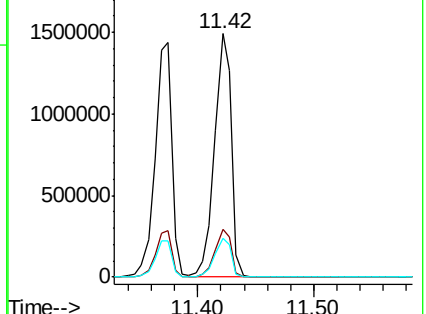
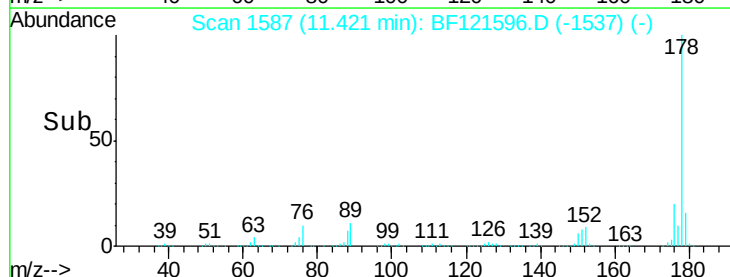
179 16.2 12.8 19.2

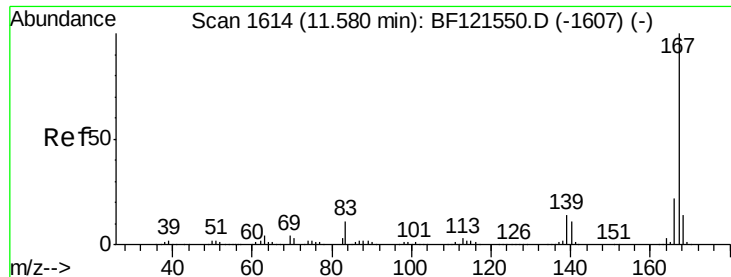


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

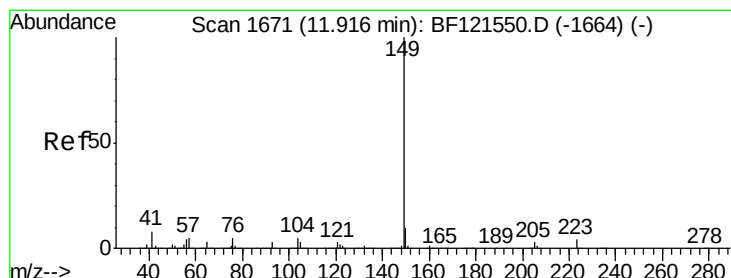
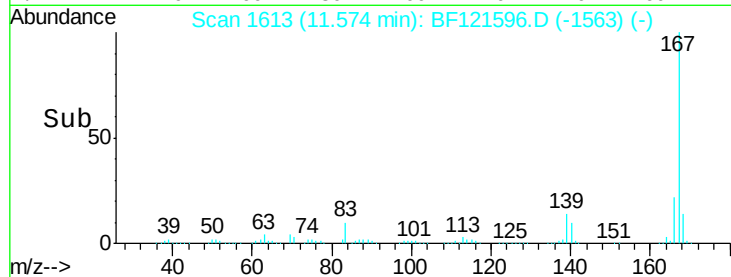
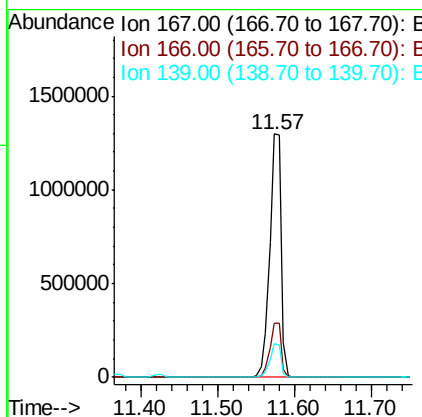
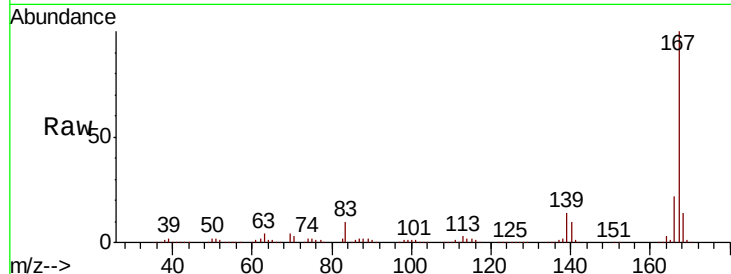




#73
 Carbazole
 Concen: 43.062 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF121596.D
 Acq: 16 Sep 2020 14:46

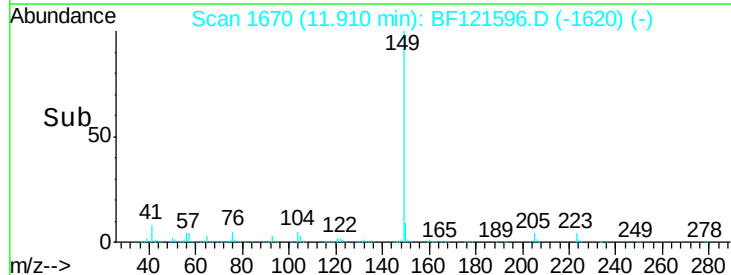
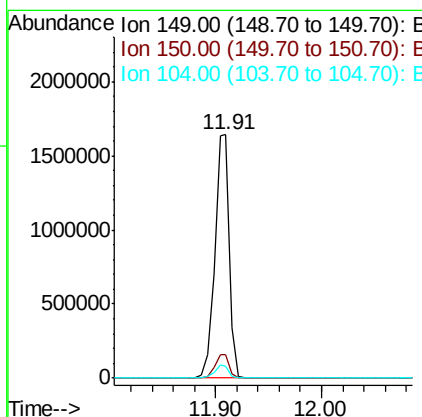
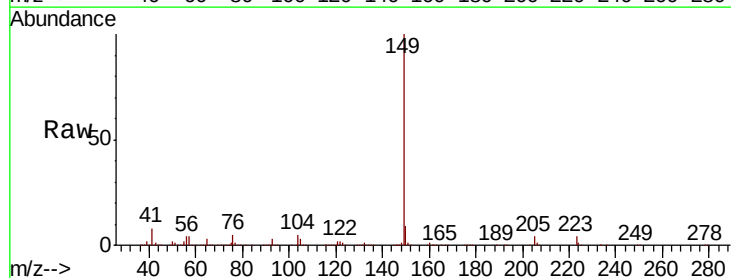
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

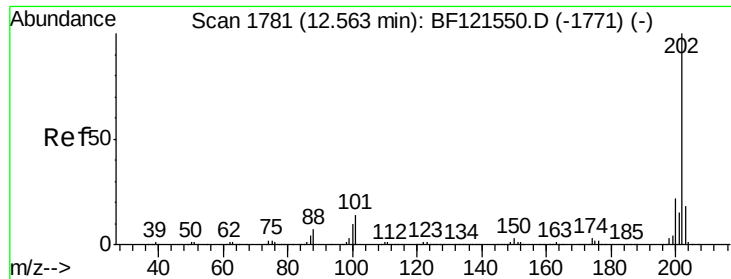
Tot Ion:167 Resp: 1362446
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.9 26.9
 139 13.7 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 43.700 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF121596.D
 Acq: 16 Sep 2020 14:46

Tgt Ion:149 Resp: 1595785
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 5.0 4.2 6.4

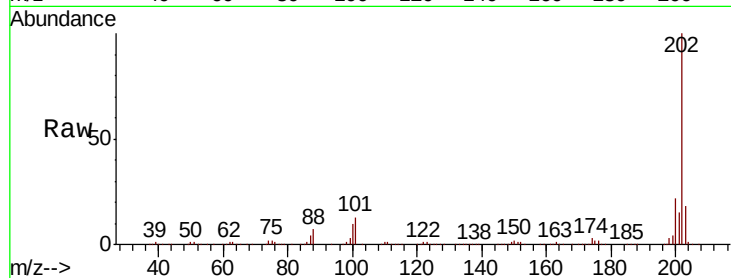




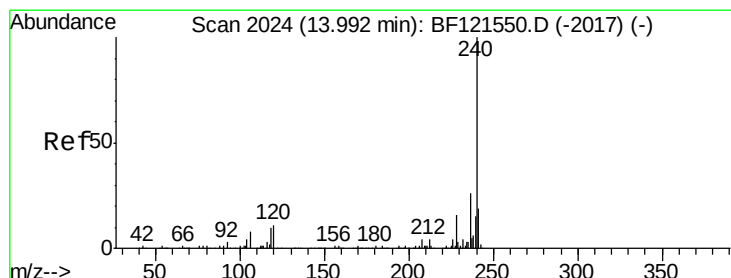
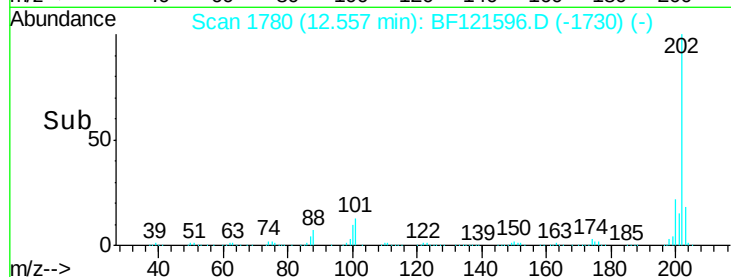
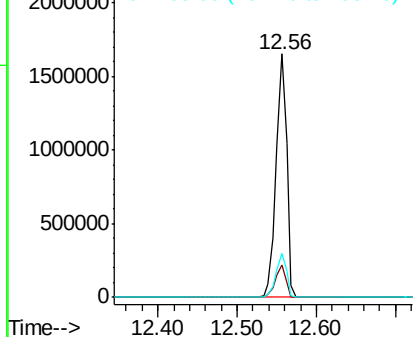
#75
Fluoranthene
Concen: 42.393 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:202 Resp: 1537525
Ion Ratio Lower Upper
202 100
101 13.3 0.0 34.0
203 17.9 0.0 38.2

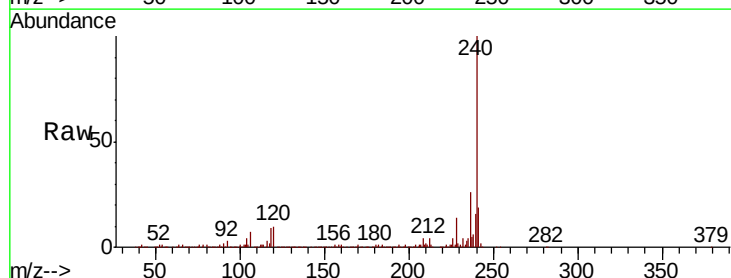


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

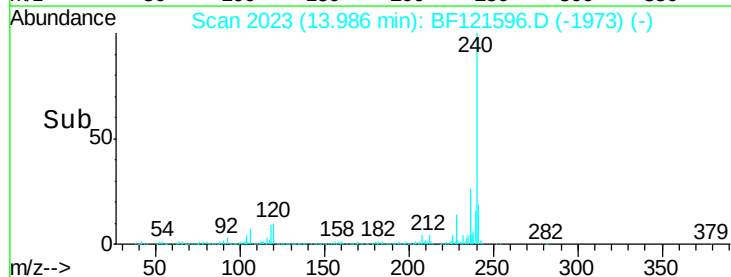
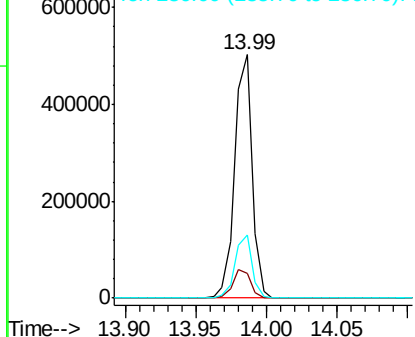


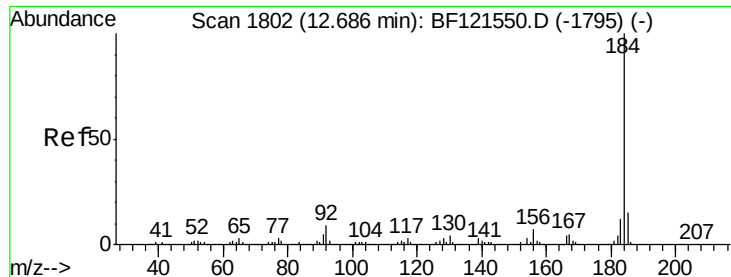
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

Tgt Ion:240 Resp: 435210
Ion Ratio Lower Upper
240 100
120 10.1 9.2 13.8
236 26.0 20.5 30.7



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





#77

Benzidine

Concen: 35.284 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

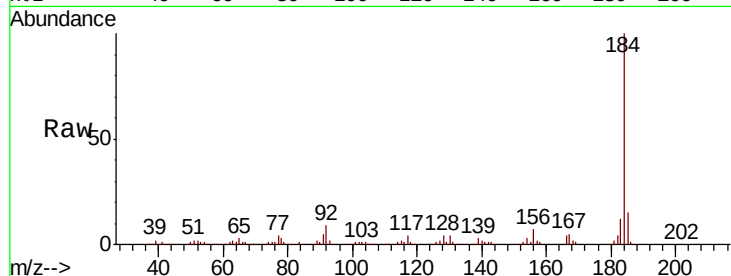
Tot Ion:184 Resp: 509078

Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

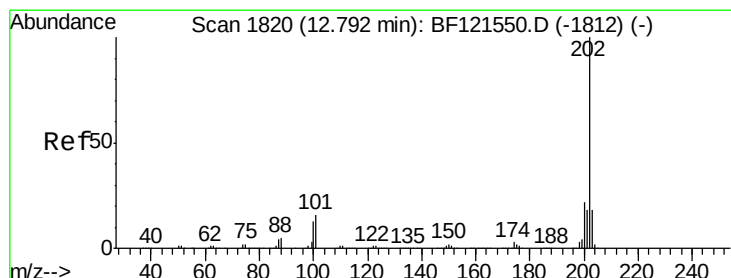
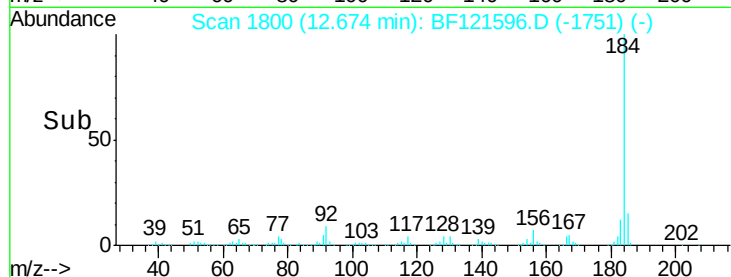
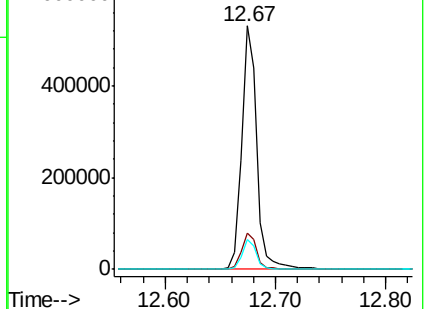
183 12.1 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.511 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

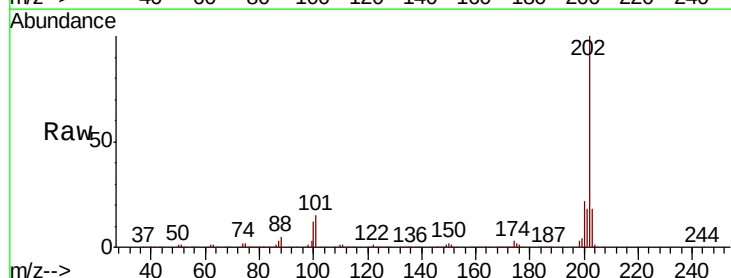
Tgt Ion:202 Resp: 1542526

Ion Ratio Lower Upper

202 100

200 22.2 17.8 26.8

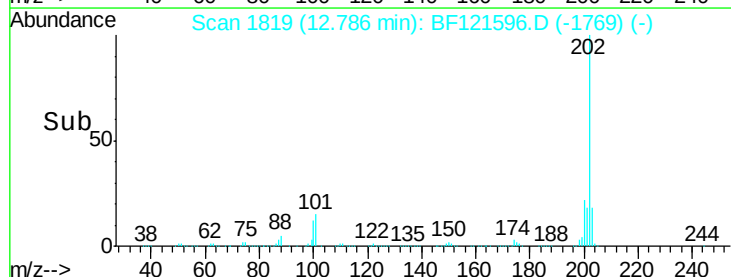
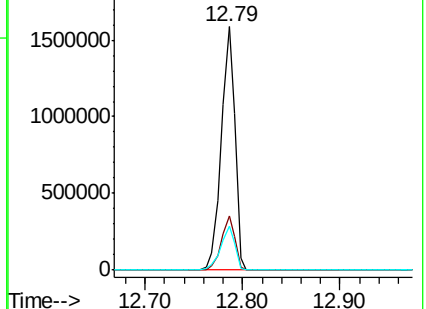
203 18.0 14.6 22.0

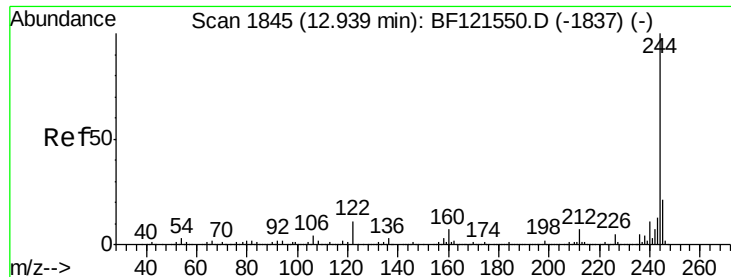


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.267 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

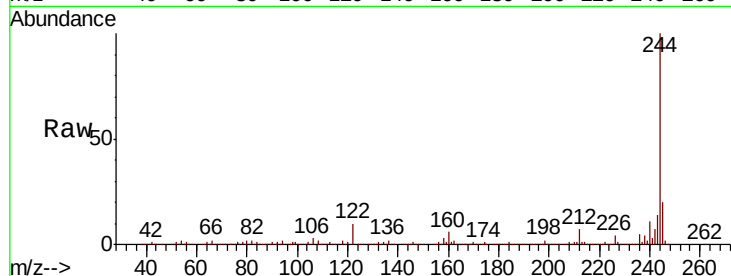
Tot Ion:244 Resp: 2068028

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

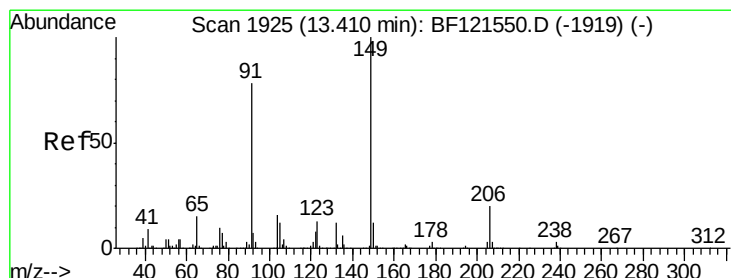
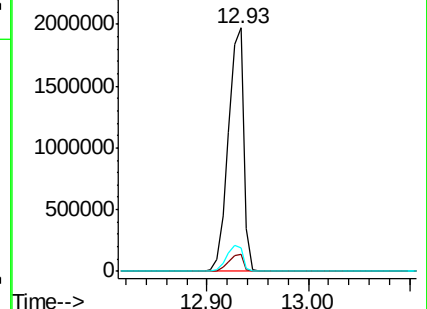
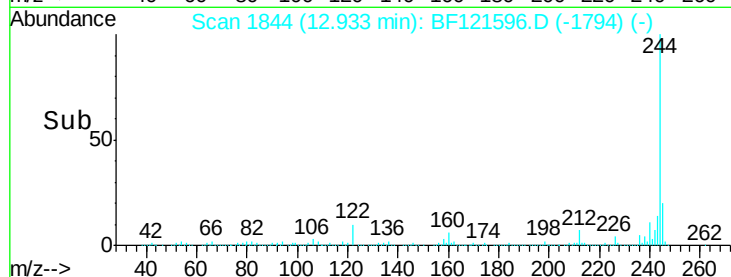
122 9.7 8.7 13.1



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: 51.973 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

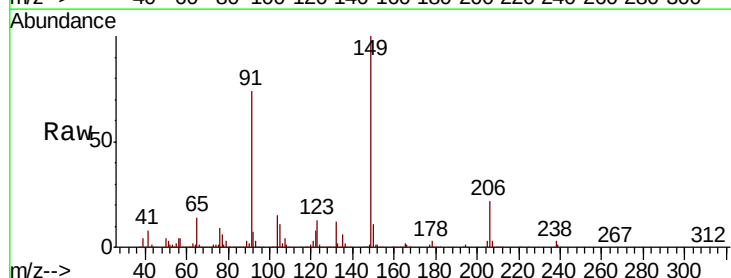
Tgt Ion:149 Resp: 668370

Ion Ratio Lower Upper

149 100

91 74.3 62.6 94.0

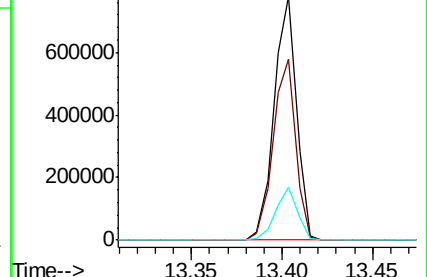
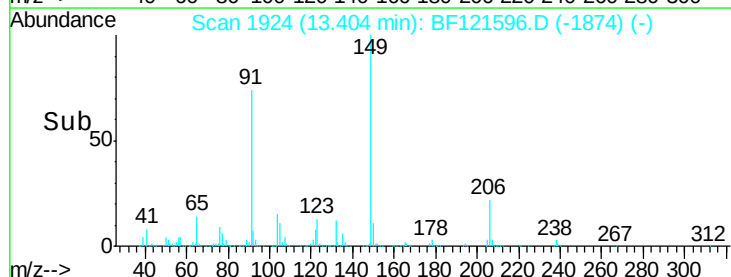
206 21.7 15.8 23.6

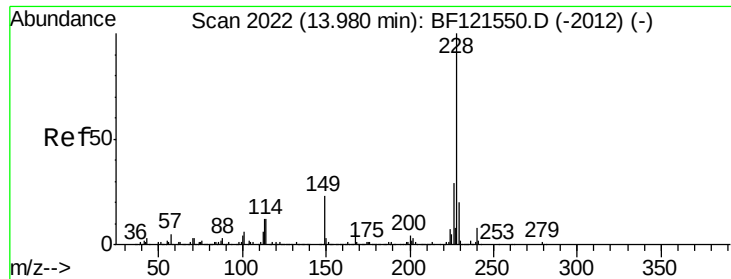


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

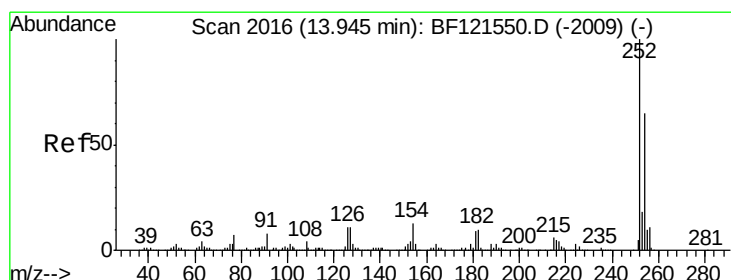
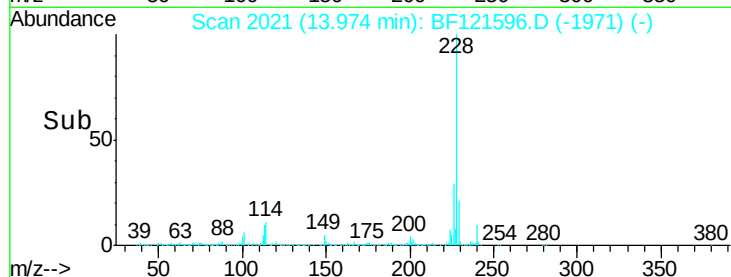
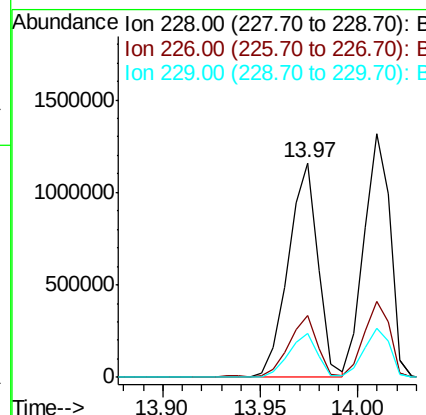
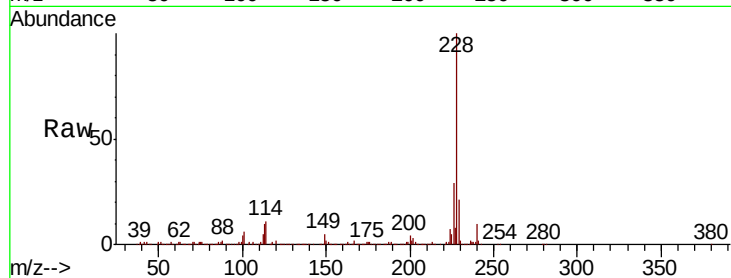




#81
Benzo(a)anthracene
Concen: 44.302 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

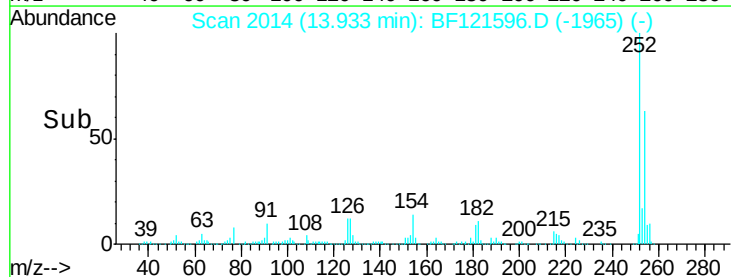
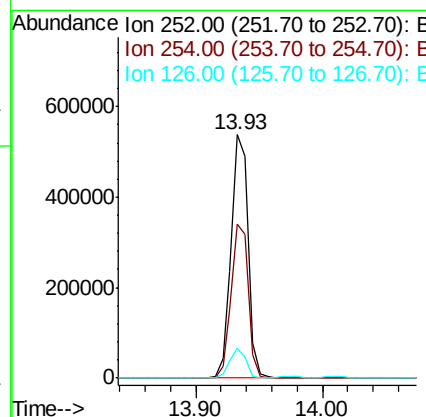
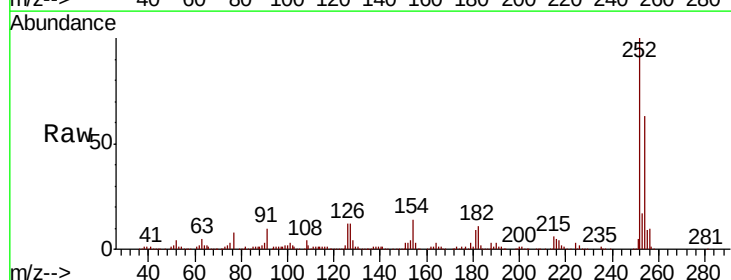
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

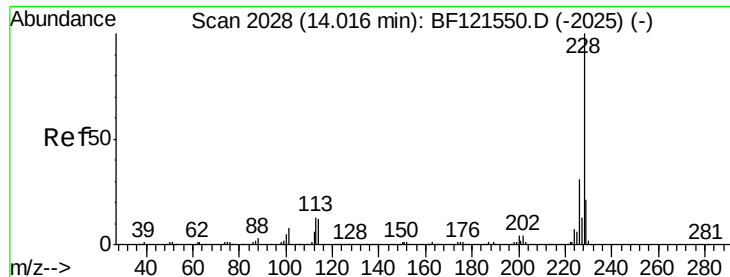
Tot Ion:228 Resp: 1219779
Ion Ratio Lower Upper
228 100
226 28.7 22.9 34.3
229 20.5 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 46.282 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

Tgt Ion:252 Resp: 497486
Ion Ratio Lower Upper
252 100
254 63.4 52.3 78.5
126 12.4 9.1 13.7





#83

Chrysene

Concen: 43.805 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

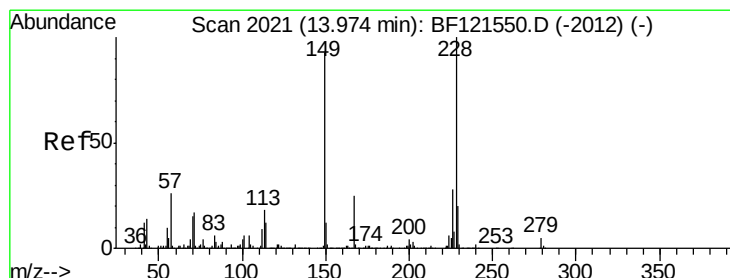
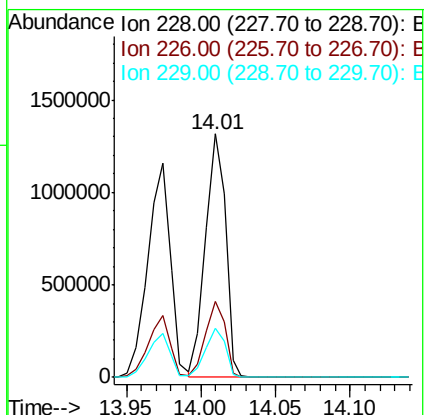
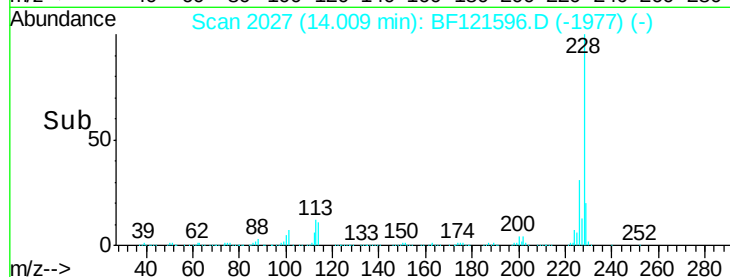
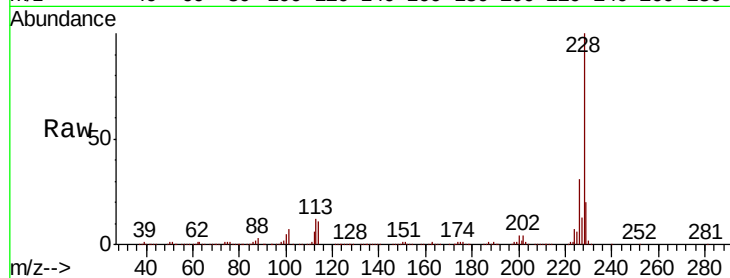
Tot Ion:228 Resp: 1221340

Ion Ratio Lower Upper

228 100

226 31.3 25.1 37.7

229 20.4 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.591 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

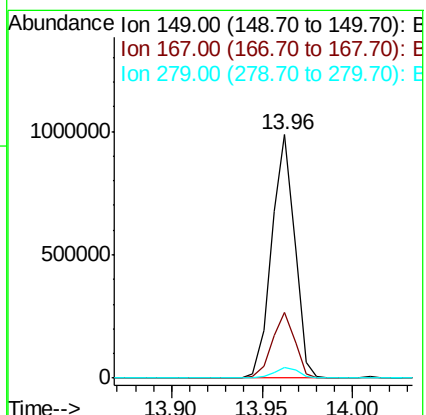
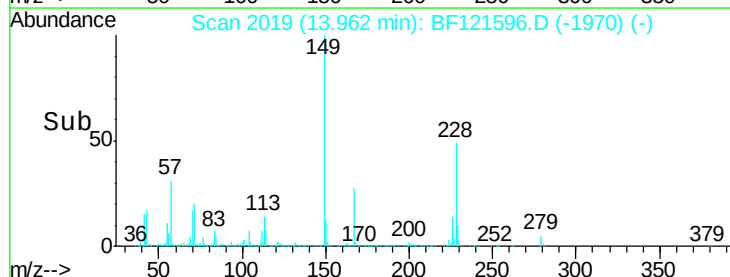
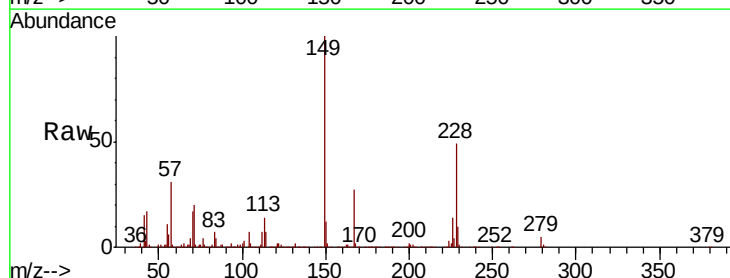
Tgt Ion:149 Resp: 869160

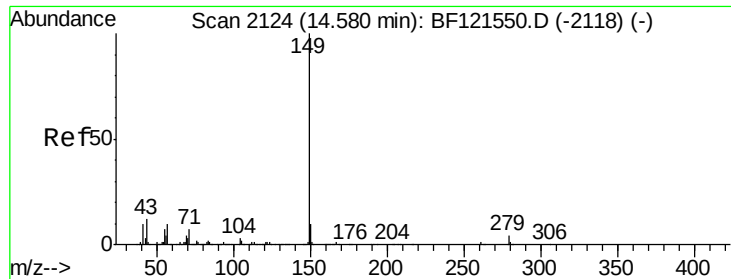
Ion Ratio Lower Upper

149 100

167 27.0 21.6 32.4

279 4.6 4.1 6.1

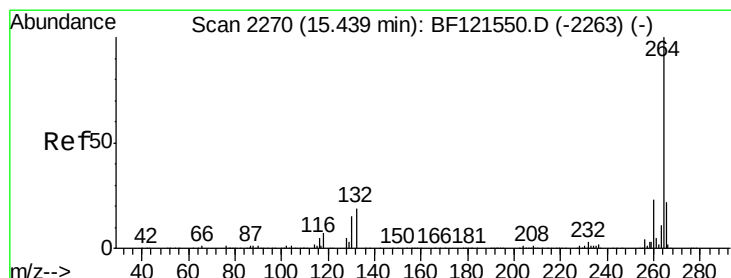
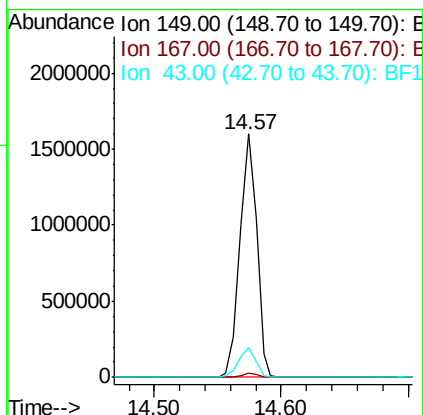
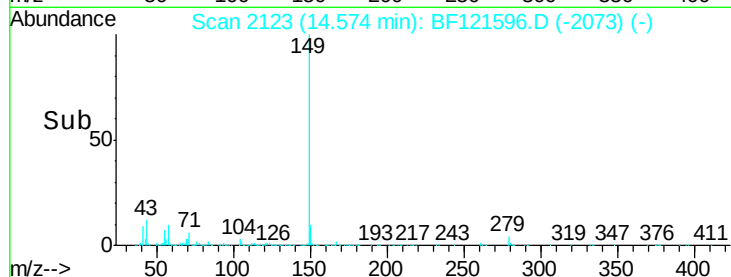
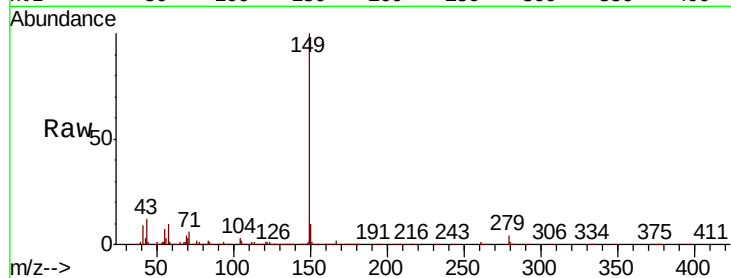




#85
Di-n-octyl phthalate
Concen: 47.950 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

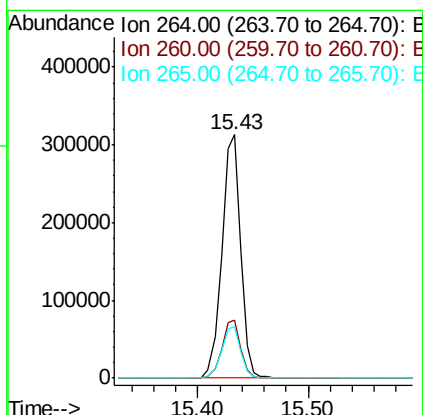
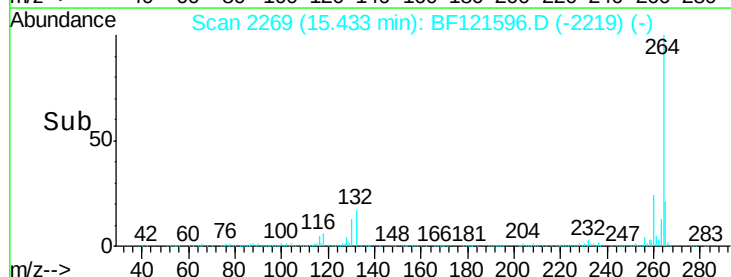
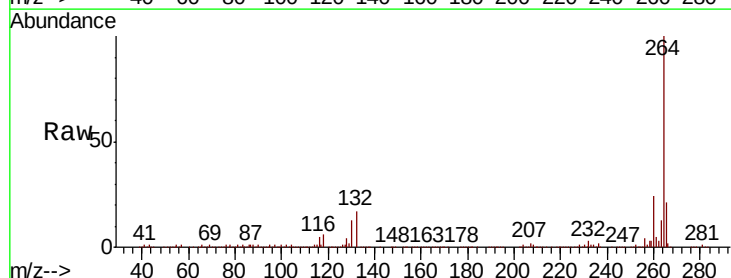
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

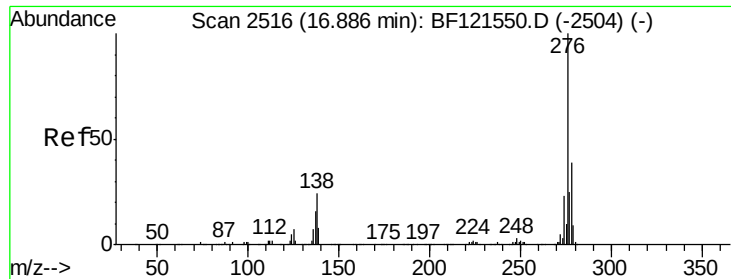
Tot Ion:149 Resp: 1453807
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.1 9.4 14.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

Tgt Ion:264 Resp: 371598
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 21.0 17.8 26.6



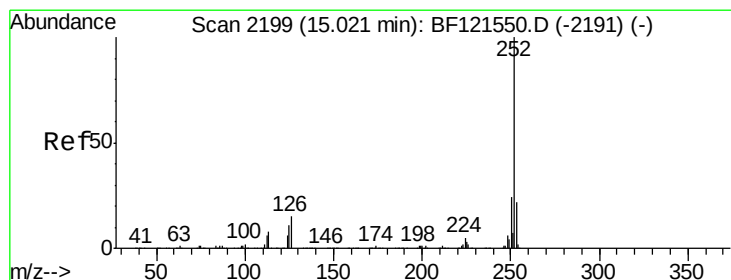
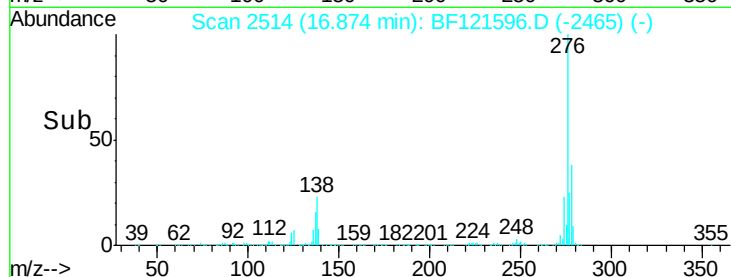
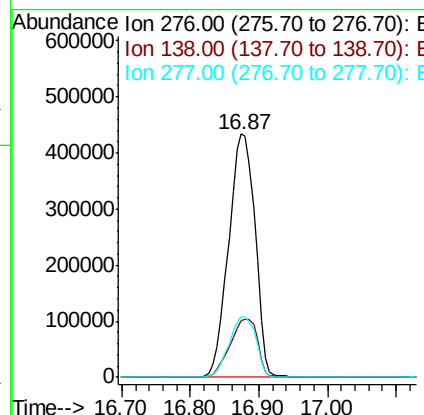
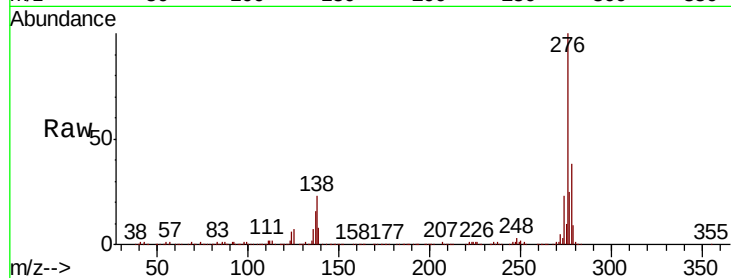


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.799 ng
 RT: 16.87 min Scan# 2514
 Delta R.T. -0.01 min
 Lab File: BF121596.D
 Acq: 16 Sep 2020 14:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:276 Resp: 1156727

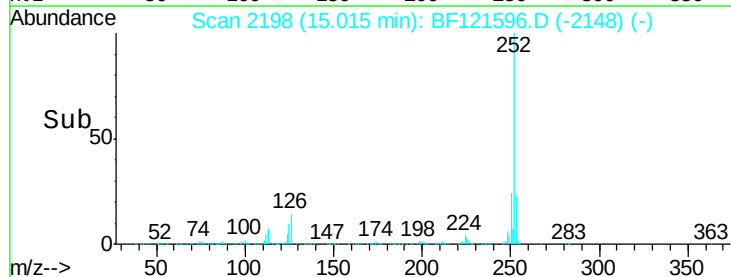
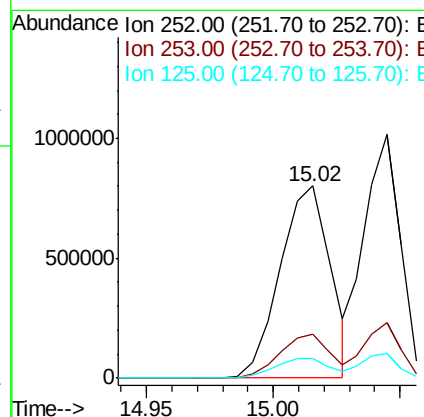
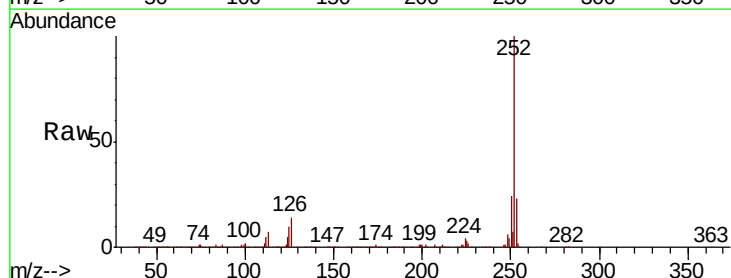
Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.6	31.0
277	25.4	20.2	30.4

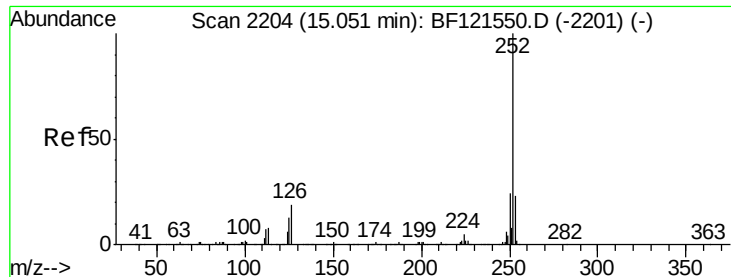


#88
 Benzo(b)fluoranthene
 Concen: 44.574 ng
 RT: 15.02 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BF121596.D
 Acq: 16 Sep 2020 14:46

Tgt Ion:252 Resp: 1107293

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	10.3	9.2	13.8





#89

Benzo(k)fluoranthene

Concen: 44.853 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

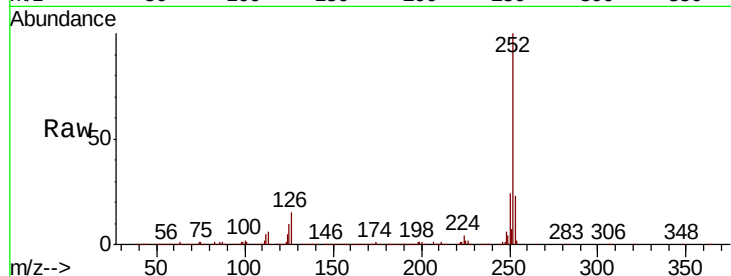
Tot Ion:252 Resp: 1020340

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

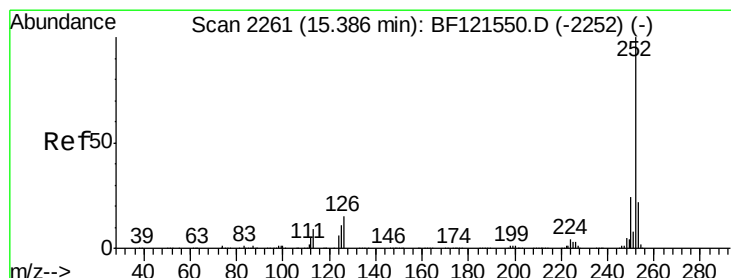
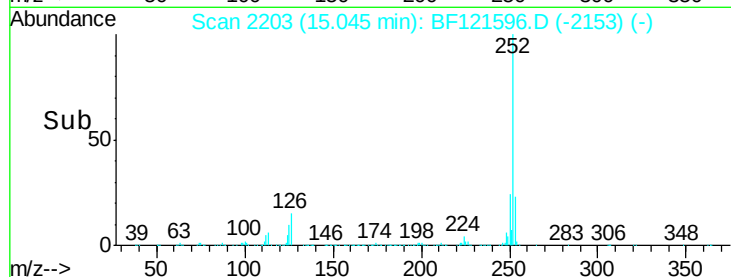
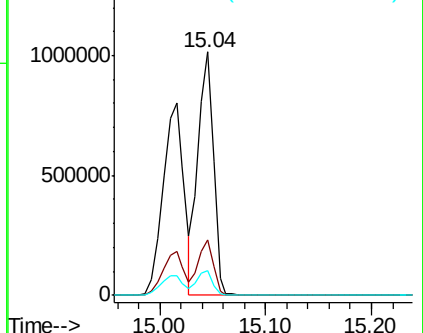
125 10.4 9.8 14.6



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: 44.711 ng

RT: 15.37 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF121596.D

Acq: 16 Sep 2020 14:46

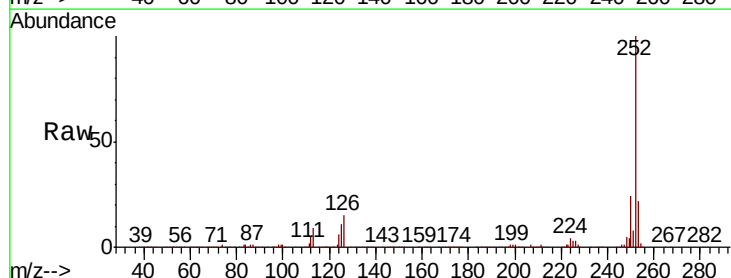
Tgt Ion:252 Resp: 944133

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

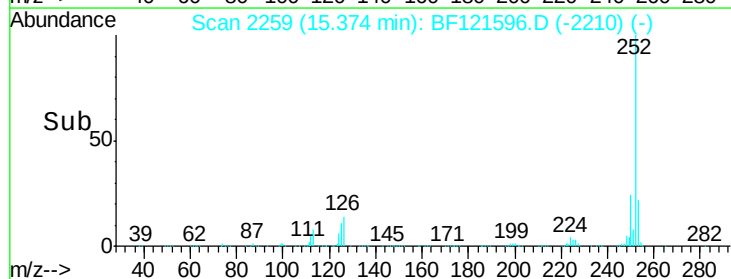
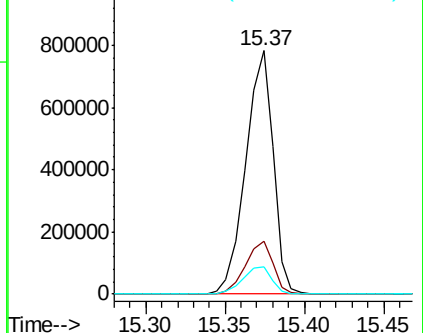
125 11.4 9.0 13.4

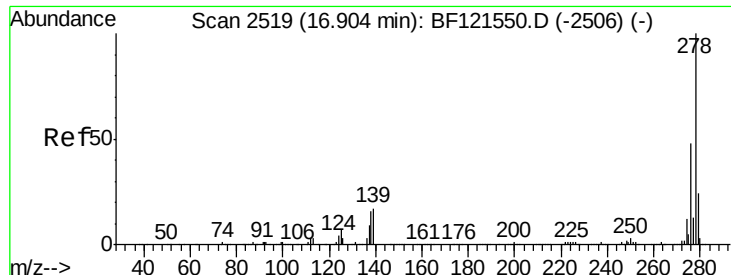


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

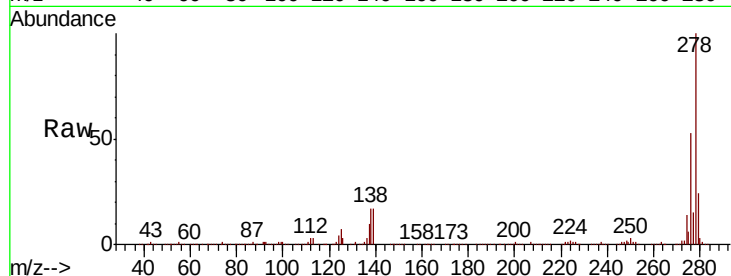




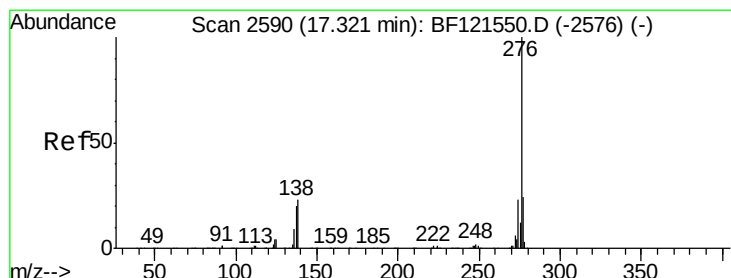
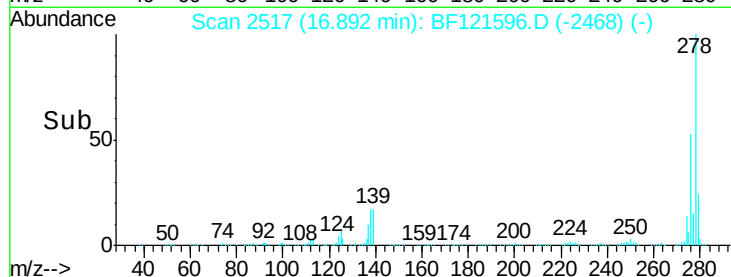
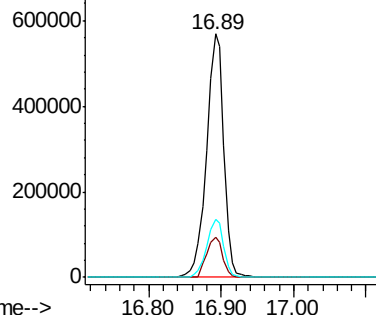
#91
Dibenzo(a,h)anthracene
Concen: 46.683 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.9	20.9
279	24.0	19.2	28.8

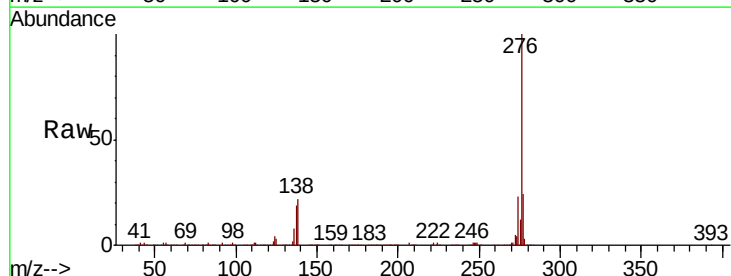


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.093 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.01 min
Lab File: BF121596.D
Acq: 16 Sep 2020 14:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	22.3	18.7	28.1



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

