

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
 Data File : BF120962.D
 Acq On : 22 Jul 2020 11:22
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 22 17:10:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	175907	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	645989	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	340347	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	649861	20.00	ng	0.00
76) Chrysene-d12	13.97	240	523736	20.00	ng	0.00
86) Perylene-d12	15.42	264	561421	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	793413	73.94	ng	0.00
7) Phenol-d6	6.45	99	1031826	74.44	ng	0.00
23) Nitrobenzene-d5	7.38	82	875961	78.46	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	299321	80.35	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1517778	66.58	ng	0.00
79) Terphenyl-d14	12.92	244	1755053	72.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	187037	37.874	ng	99
3) Pyridine	3.27	79	506676	38.569	ng	99
4) n-Nitrosodimethylamine	3.23	42	207539	36.945	ng	96
6) Aniline	6.48	93	666948	36.862	ng	98
8) 2-Chlorophenol	6.60	128	452191	38.254	ng	96
9) Benzaldehyde	6.36	77	278183	41.966	ng	99
10) Phenol	6.46	94	566009	37.122	ng	96
11) bis(2-Chloroethyl)ether	6.55	93	444856	38.070	ng	99
12) 1,3-Dichlorobenzene	6.76	146	476411	37.168	ng	99
13) 1,4-Dichlorobenzene	6.83	146	480361	37.688	ng	99
14) 1,2-Dichlorobenzene	6.99	146	447290	37.095	ng	99
15) Benzyl Alcohol	6.96	79	360420	36.769	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	639648	37.978	ng	99
17) 2-Methylphenol	7.07	107	395214	37.722	ng	99
18) Hexachloroethane	7.33	117	178986	38.799	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	293637	37.256	ng	98
20) 3+4-Methylphenols	7.23	107	449759	33.746	ng	# 86
22) Acetophenone	7.23	105	548511	37.834	ng	# 93
24) Nitrobenzene	7.40	77	473753	39.372	ng	98
25) Isophorone	7.64	82	859050	38.555	ng	98
26) 2-Nitrophenol	7.72	139	242018	42.350	ng	99
27) 2,4-Dimethylphenol	7.76	122	365367	39.378	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	537491	39.519	ng	99
29) 2,4-Dichlorophenol	7.96	162	375759	39.632	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	413405	39.300	ng	99
31) Naphthalene	8.12	128	1258646	37.984	ng	99
32) Benzoic acid	7.88	122	306426	43.995	ng	98
33) 4-Chloroaniline	8.17	127	566326	38.312	ng	99
34) Hexachlorobutadiene	8.24	225	242309	39.075	ng	98
35) Caprolactam	8.55	113	120774	39.722	ng	100
36) 4-Chloro-3-methylphenol	8.65	107	389971	40.104	ng	98
37) 2-Methylnaphthalene	8.81	142	855379	39.756	ng	98
38) 1-Methylnaphthalene	8.91	142	800161	39.267	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	390333	39.363	ng	99

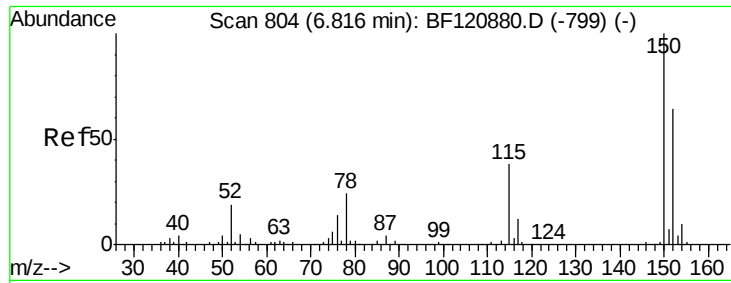
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	215000	39.230	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	276635	39.621	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	315470	39.833	nq	95
46) 1,1'-Biphenyl	9.27	154	993321	38.261	nq	99
47) 2-Chloronaphthalene	9.30	162	813675	38.441	nq	97
48) 2-Nitroaniline	9.40	65	261676	40.908	nq	96
49) Acenaphthylene	9.72	152	1262666	38.399	nq	100
50) Dimethylphthalate	9.58	163	953654	38.839	nq	99
51) 2,6-Dinitrotoluene	9.64	165	216716	41.082	nq	93
52) Acenaphthene	9.89	154	810600	38.774	nq	100
53) 3-Nitroaniline	9.81	138	260119	39.316	nq	100
54) 2,4-Dinitrophenol	9.91	184	105990	38.758	nq	91
55) Dibenzofuran	10.06	168	1148779	37.999	nq	98
56) 4-Nitrophenol	9.97	139	195992	38.998	nq	97
57) 2,4-Dinitrotoluene	10.04	165	287510	41.503	nq	90
58) Fluorene	10.40	166	814149	36.108	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	242509	40.217	nq	98
60) Diethylphthalate	10.27	149	969913	39.053	nq	100
61) 4-Chlorophenyl-phenylether	10.39	204	418242	34.777	nq	100
62) 4-Nitroaniline	10.42	138	259550	40.274	nq	99
63) Azobenzene	10.56	77	903944	38.232	nq	100
65) 4,6-Dinitro-2-methylphenol	10.45	198	147339	39.881	nq	94
66) n-Nitrosodiphenylamine	10.52	169	790735	38.679	nq	100
67) 4-Bromophenyl-phenylether	10.89	248	291829	40.278	nq	# 91
68) Hexachlorobenzene	10.95	284	310951	39.674	nq	# 89
69) Atrazine	11.04	200	180632	35.677	nq	98
70) Pentachlorophenol	11.14	266	180785	40.263	nq	99
71) Phenanthrene	11.36	178	1263245	37.796	nq	100
72) Anthracene	11.42	178	1295887	38.613	nq	99
73) Carbazole	11.57	167	1279030	38.402	nq	99
74) Di-n-butylphthalate	11.90	149	1526403	39.714	nq	100
75) Fluoranthene	12.55	202	1417351	38.259	nq	98
77) Benzidine	12.67	184	581268	42.213	nq	100
78) Pyrene	12.78	202	1466762	39.612	nq	99
80) Butylbenzylphthalate	13.40	149	688065	41.684	nq	97
81) Benzo(a)anthracene	13.97	228	1183936	37.331	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	496482	41.494	nq	99
83) Chrysene	14.00	228	1292092	38.768	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	826681	40.614	nq	100
85) Di-n-octyl phthalate	14.57	149	1635344	40.383	nq	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1476088	37.805	nq	100
88) Benzo(b)fluoranthene	15.00	252	1317864	38.834	nq	99
89) Benzo(k)fluoranthene	15.03	252	1295805	41.869	nq	100
90) Benzo(a)pyrene	15.36	252	1248961	40.339	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	1227279	38.480	nq	98
92) Benzo(g,h,i)perylene	17.29	276	1152952	36.663	nq	98

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

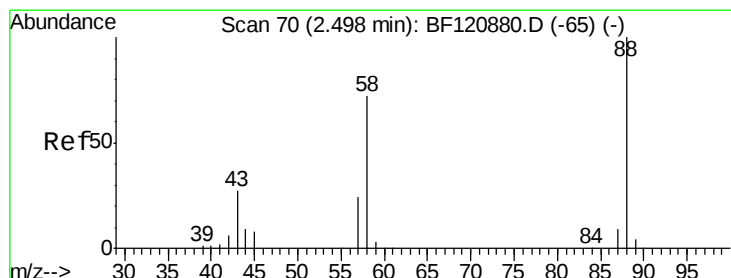
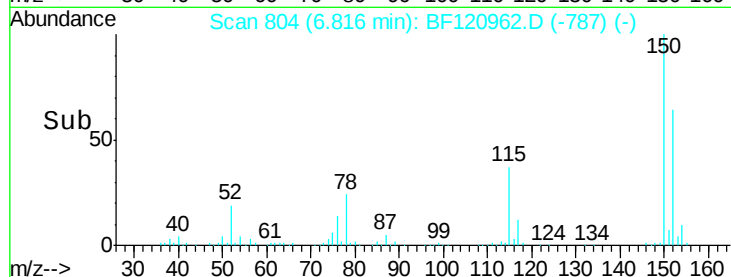
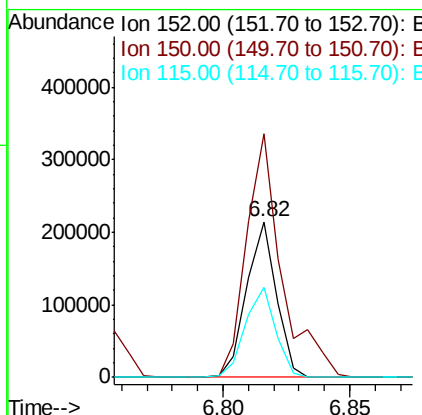
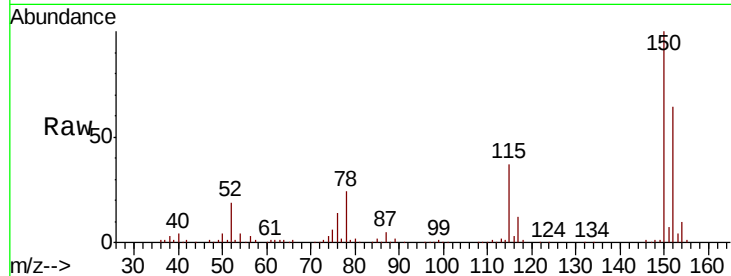


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

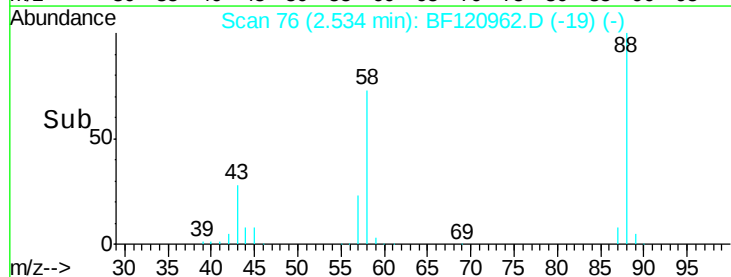
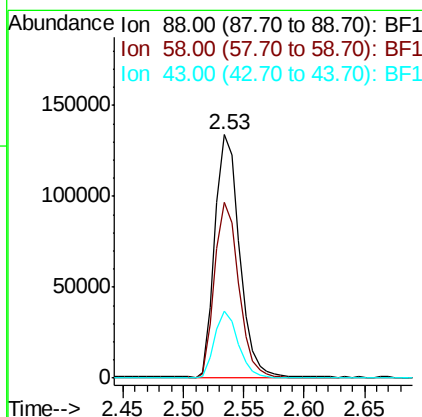
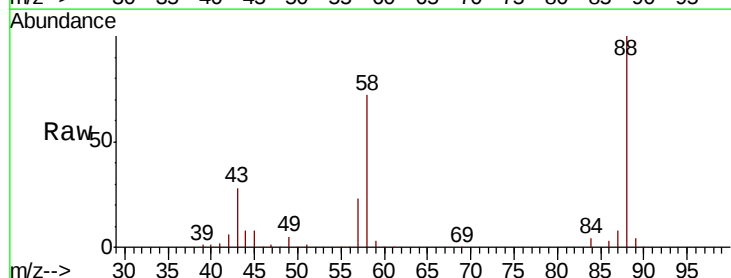
Tot Ion:152 Resp: 175907
Ion Ratio Lower Upper
152 100
150 156.1 125.0 187.6
115 58.0 47.0 70.4



#2

1,4-Dioxane
Concen: 37.874 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.04 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

Tgt Ion: 88 Resp: 187037
Ion Ratio Lower Upper
88 100
58 71.9 58.2 87.2
43 26.9 22.1 33.1





#3

Pvridine

Concen: 38.569 ng

RT: 3.27 min Scan# 202

Delta R.T. 0.04 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

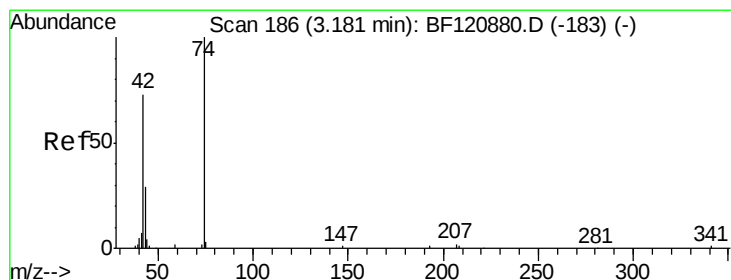
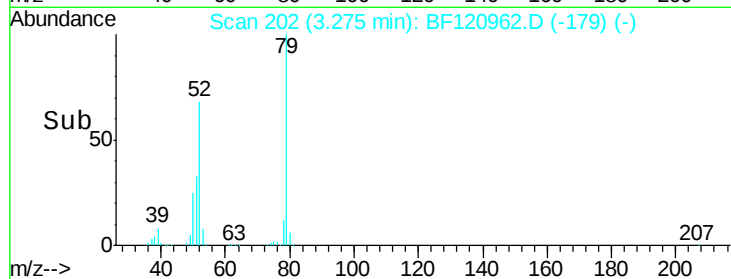
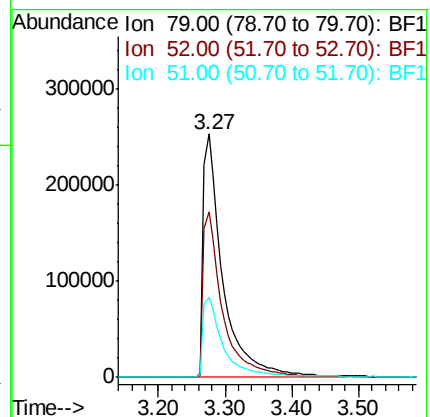
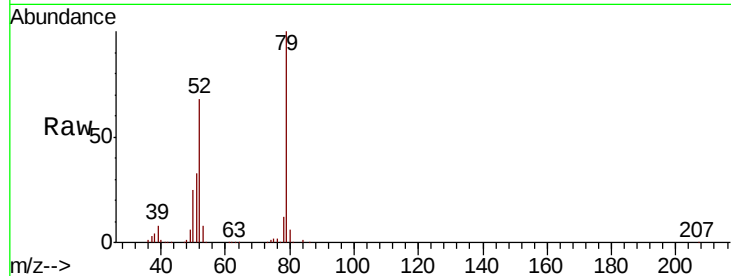
Tot Ion: 79 Resp: 506676

Ion Ratio Lower Upper

79 100

52 68.0 55.0 82.6

51 33.0 26.9 40.3



#4

n-Nitrosodimethylamine

Concen: 36.945 ng

RT: 3.23 min Scan# 194

Delta R.T. 0.05 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

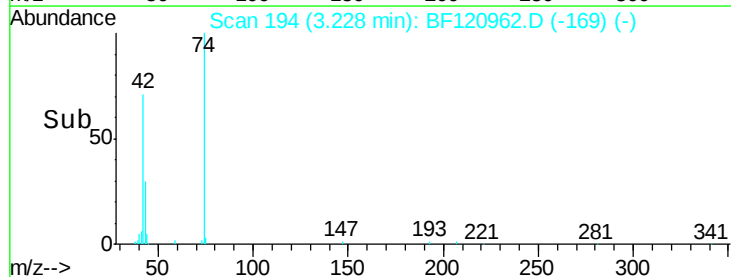
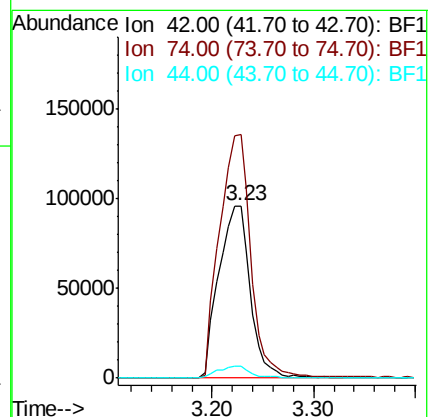
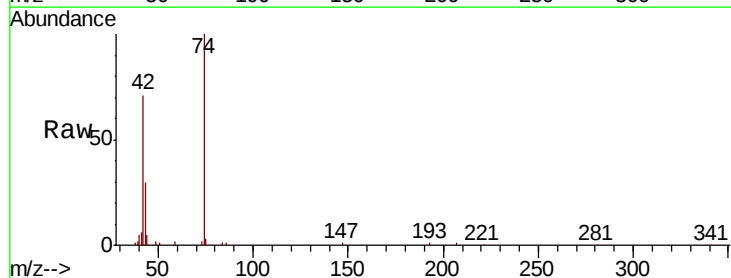
Tgt Ion: 42 Resp: 207539

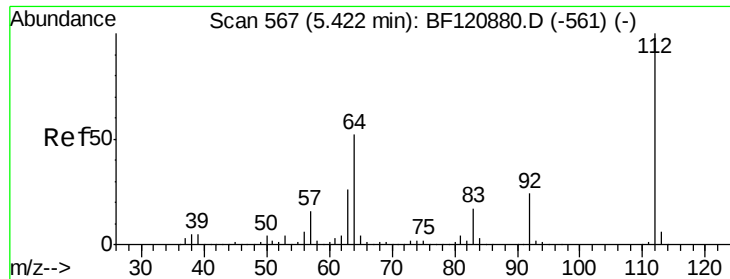
Ion Ratio Lower Upper

42 100

74 141.4 108.7 163.1

44 6.9 5.2 7.8





#5

2-Fluorophenol

Concen: 73.942 ng

RT: 5.43 min Scan# 568

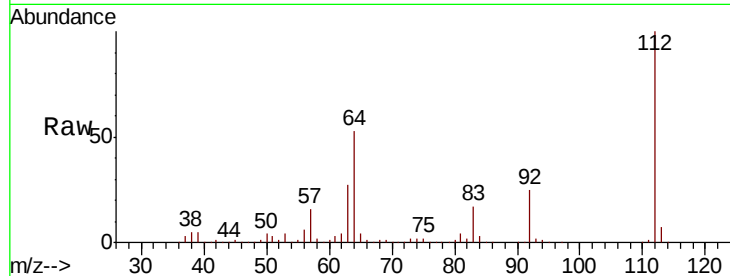
Delta R.T. 0.01 min

Lab File: BF120962.D

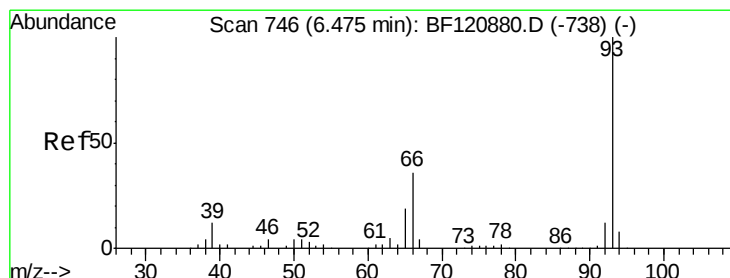
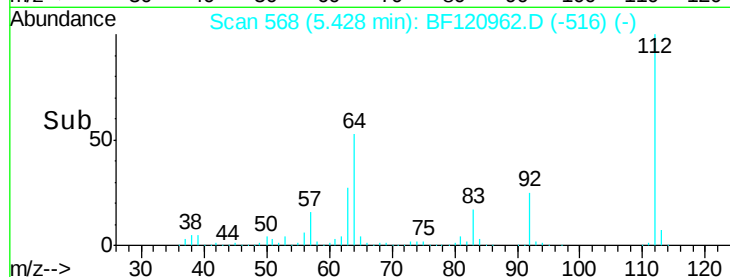
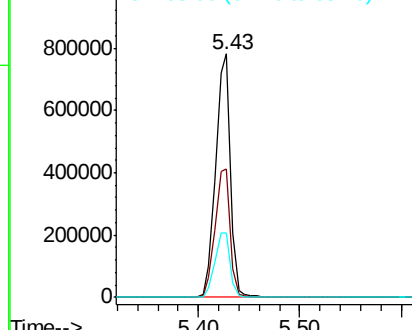
Acq: 22 Jul 2020 11:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	112	Resp:	793413
Ion	Ratio	Lower	Upper
112	100		
64	52.5	41.3	61.9
63	26.6	21.1	31.7



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: 36.862 ng

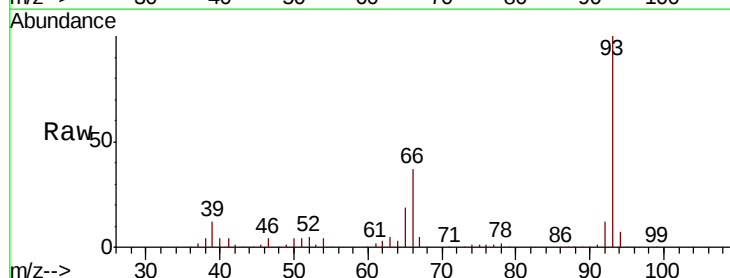
RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

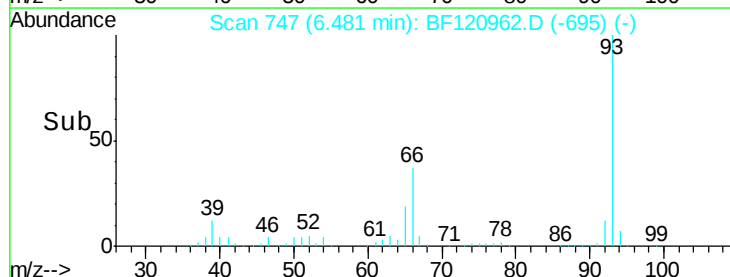
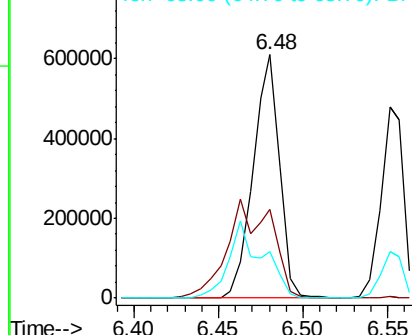
Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Tgt Ion:	93	Resp:	666948
Ion	Ratio	Lower	Upper
93	100		
66	36.7	30.2	45.4
65	19.2	15.8	23.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.442 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

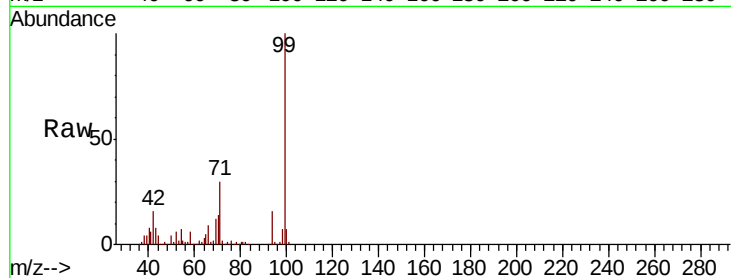
Tot Ion: 99 Resp: 1031826

Ion Ratio Lower Upper

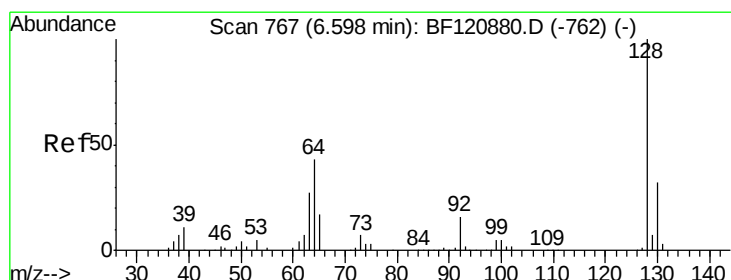
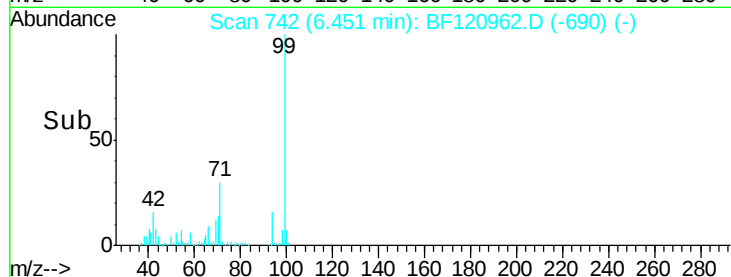
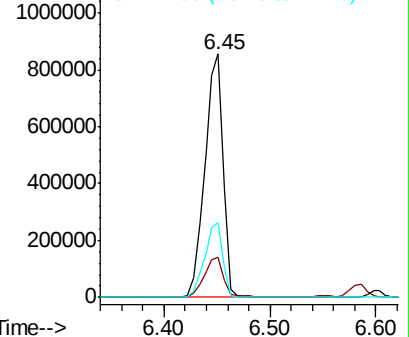
99 100

42 16.3 13.1 19.7

71 30.4 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.254 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

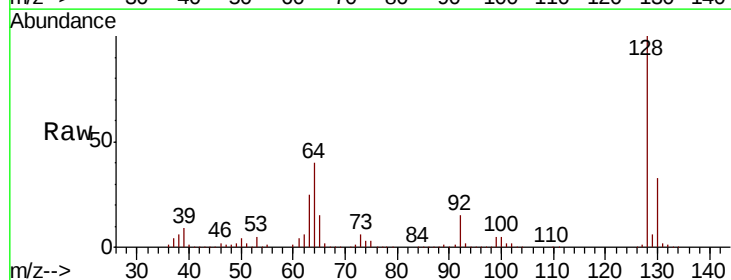
Tgt Ion: 128 Resp: 452191

Ion Ratio Lower Upper

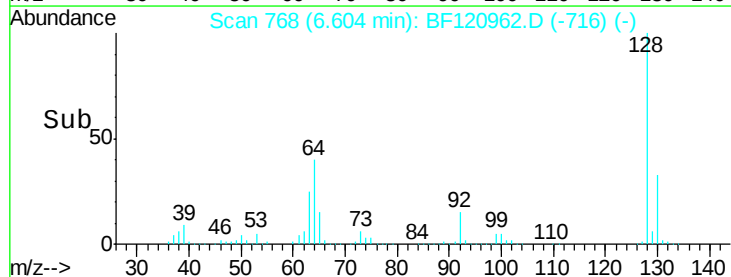
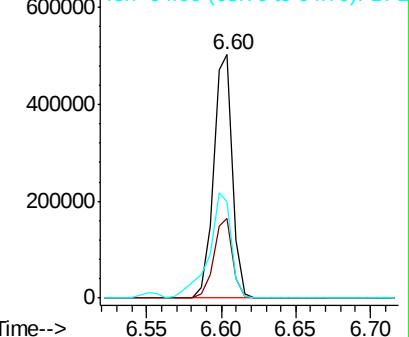
128 100

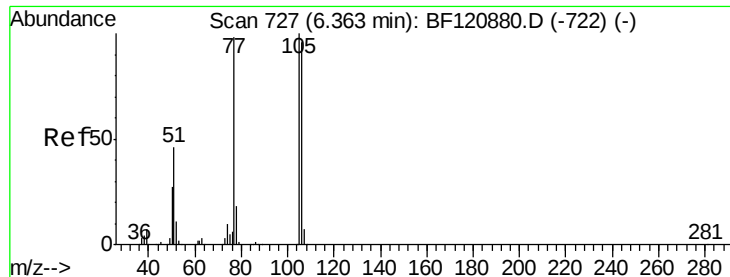
130 32.8 12.1 52.1

64 39.7 24.0 64.0



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: 41.966 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

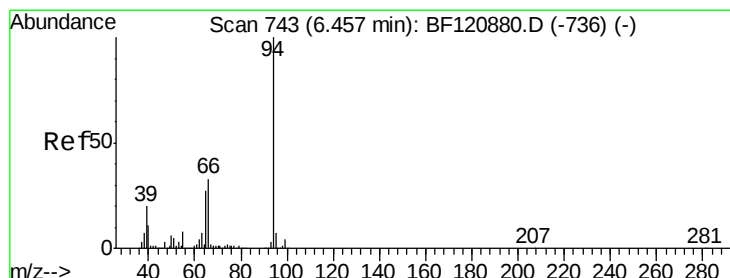
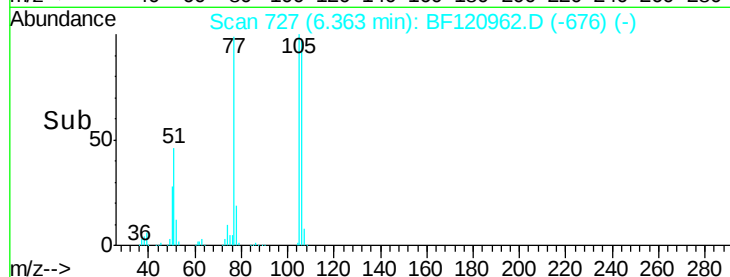
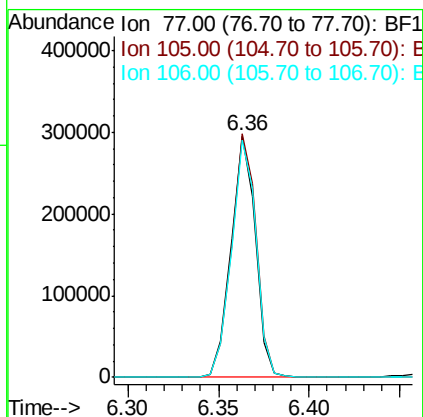
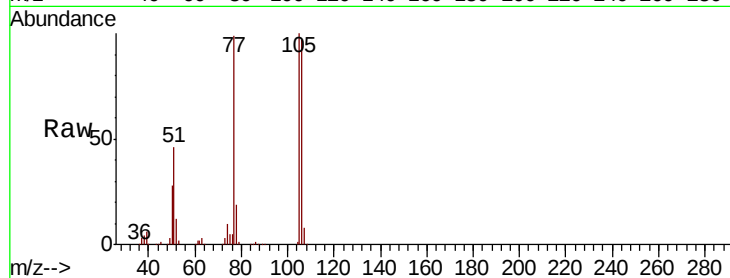
Tot Ion: 77 Resp: 278183

Ion Ratio Lower Upper

77 100

105 101.0 82.5 122.5

106 98.2 78.7 118.7



#10

Phenol

Concen: 37.122 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

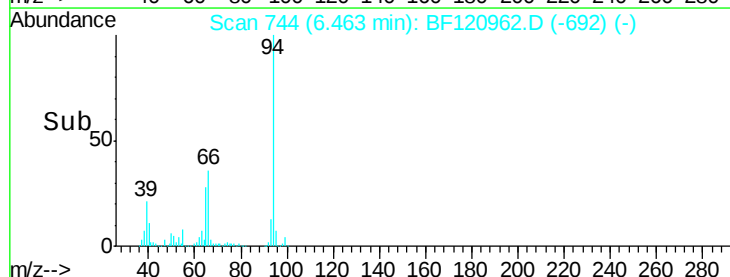
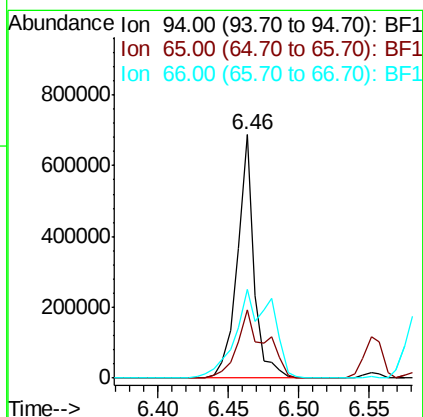
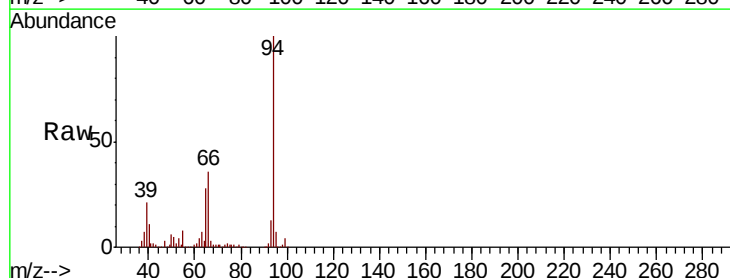
Tgt Ion: 94 Resp: 566009

Ion Ratio Lower Upper

94 100

65 28.0 6.6 46.6

66 36.3 13.2 53.2

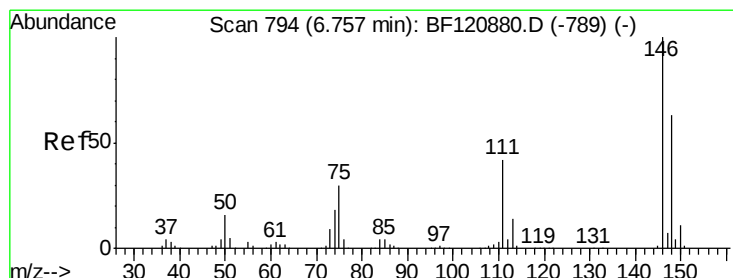
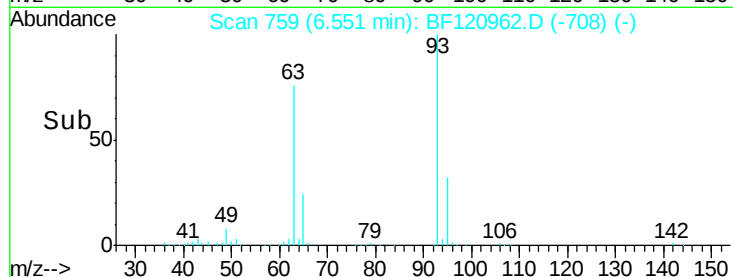
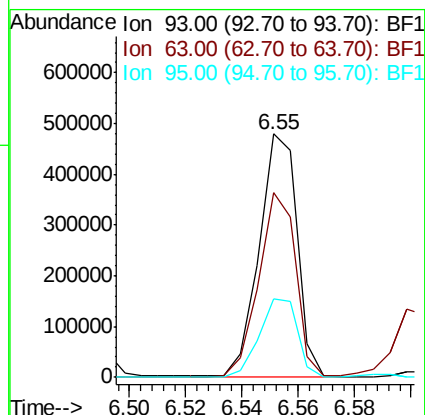
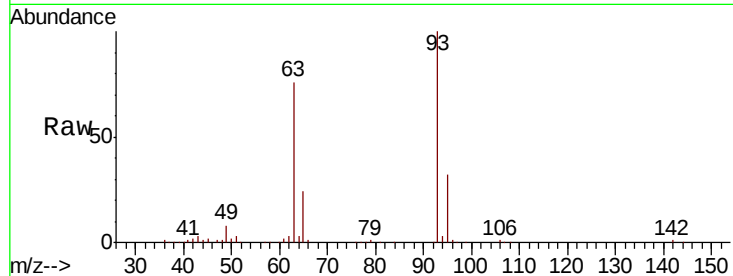




#11
bis(2-Chloroethyl)ether
Concen: 38.070 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

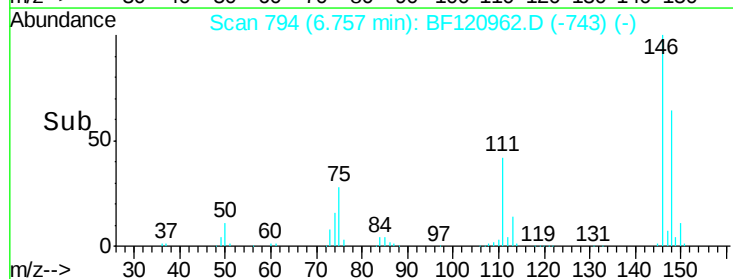
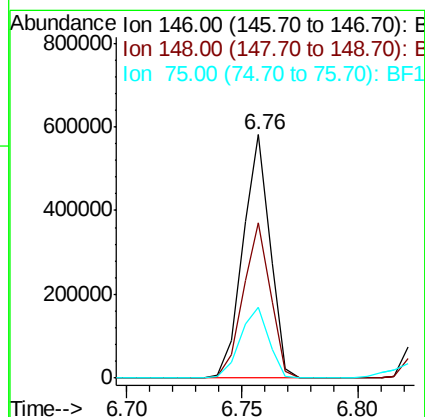
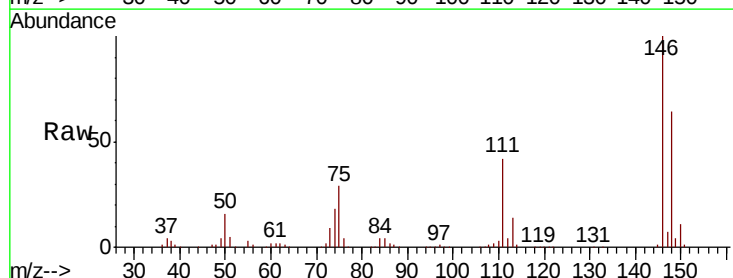
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

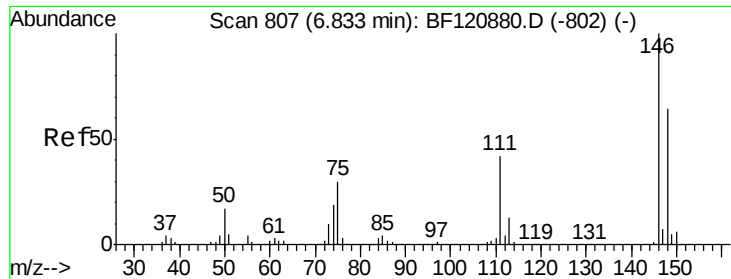
Tot Ion: 93 Resp: 444856
Ion Ratio Lower Upper
93 100
63 75.9 54.2 94.2
95 32.3 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 37.168 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

Tgt Ion: 146 Resp: 476411
Ion Ratio Lower Upper
146 100
148 63.6 50.6 75.8
75 29.1 24.1 36.1

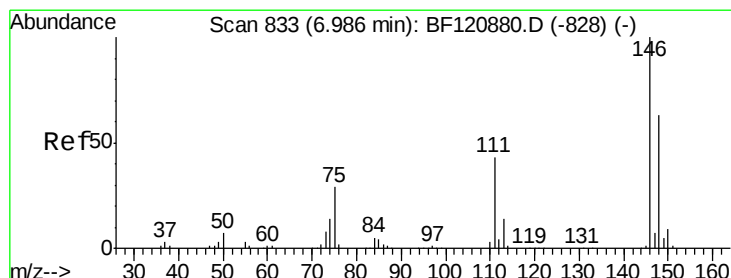
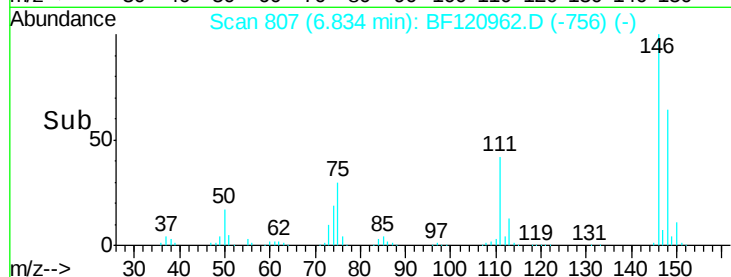
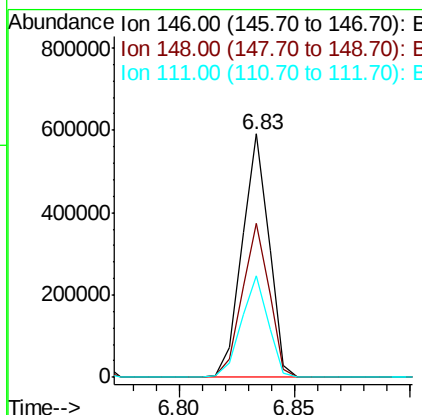
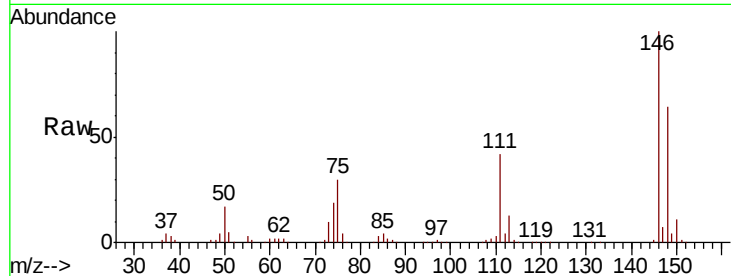




#13
 1,4-Dichlorobenzene
 Concen: 37.688 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120962.D
 Acq: 22 Jul 2020 11:22

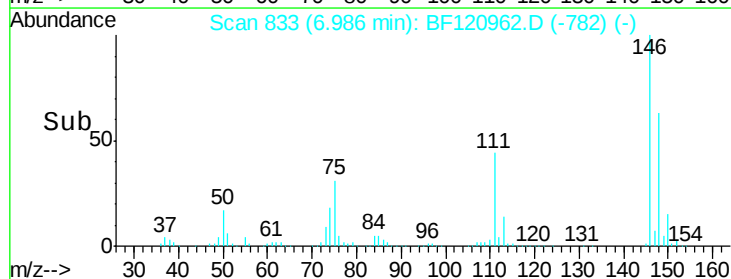
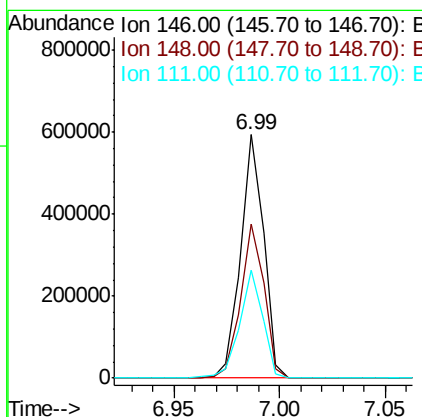
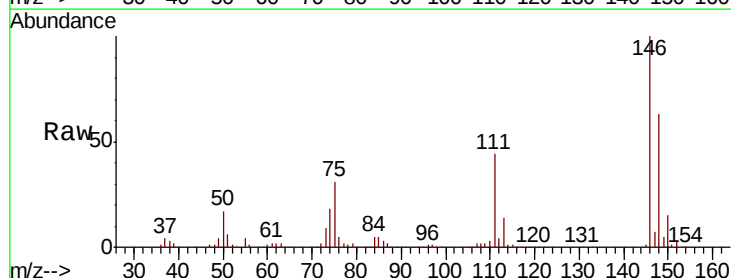
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 480361
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.6 77.4
 111 41.7 33.5 50.3



#14
 1,2-Dichlorobenzene
 Concen: 37.095 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120962.D
 Acq: 22 Jul 2020 11:22

Tgt Ion:146 Resp: 447290
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 76.0
 111 44.1 34.2 51.2





#15

Benzyl Alcohol

Concen: 36.769 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

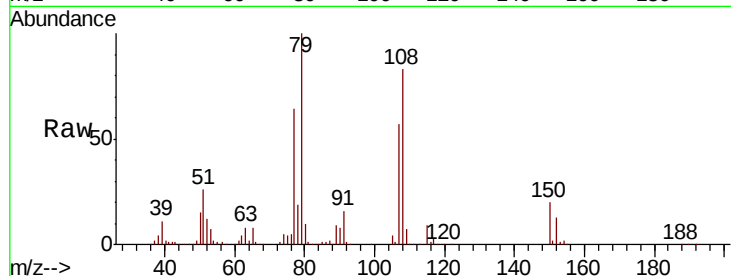
Tot Ion: 79 Resp: 360420

Ion Ratio Lower Upper

79 100

108 83.2 67.0 100.6

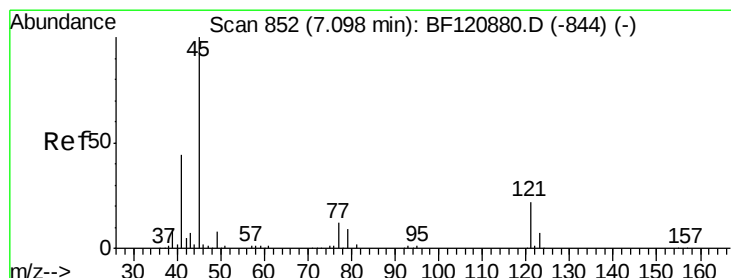
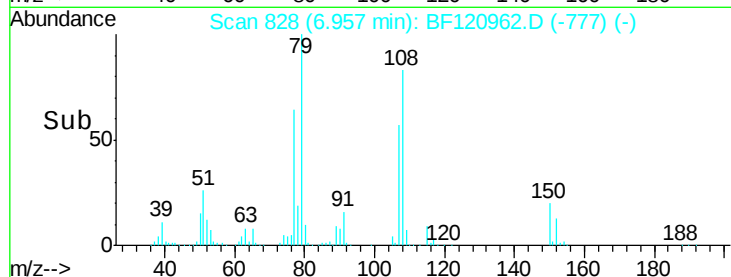
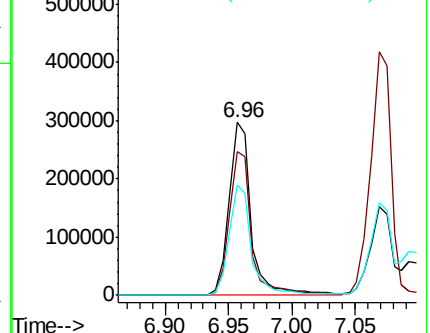
77 63.9 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.978 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

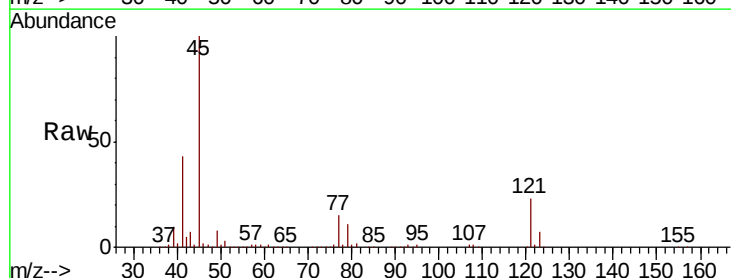
Tgt Ion: 45 Resp: 639648

Ion Ratio Lower Upper

45 100

77 15.1 0.0 34.3

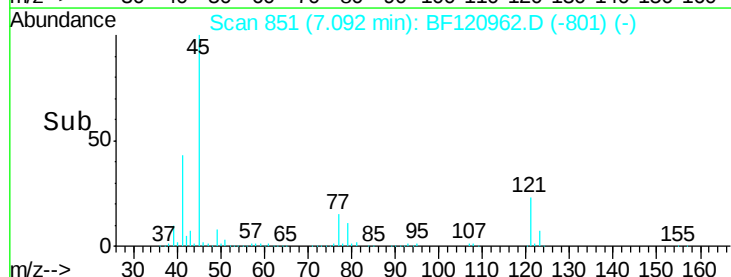
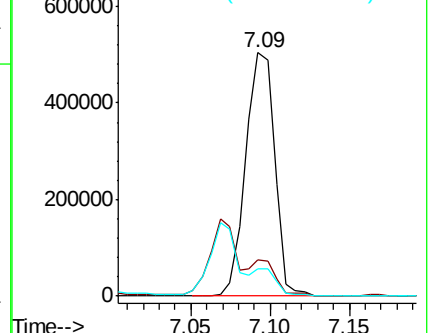
79 11.3 0.0 31.0

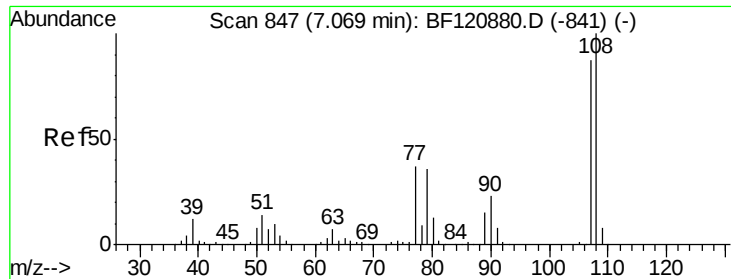


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

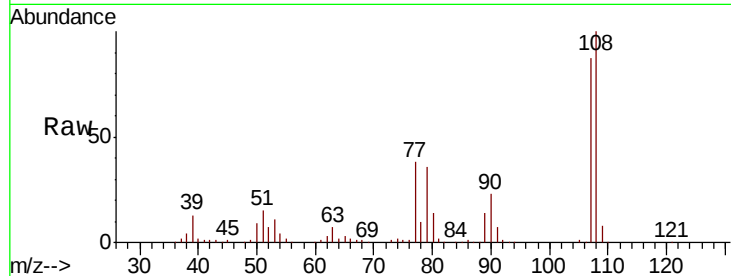




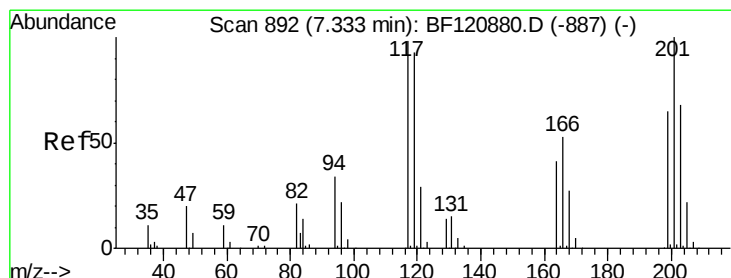
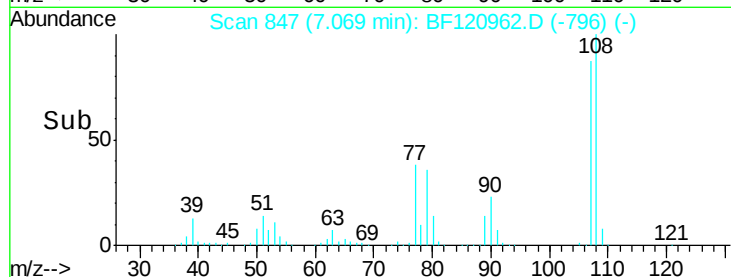
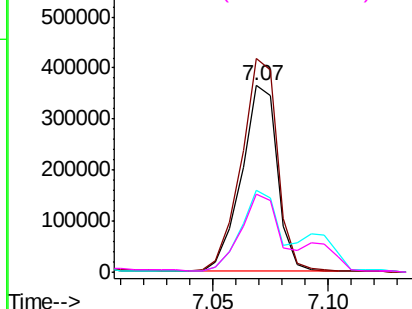
#17
2-Methylphenol
Concen: 37.722 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 395214
Ion Ratio Lower Upper
107 100
108 114.7 92.0 138.0
77 43.7 34.0 51.0
79 41.6 33.3 49.9

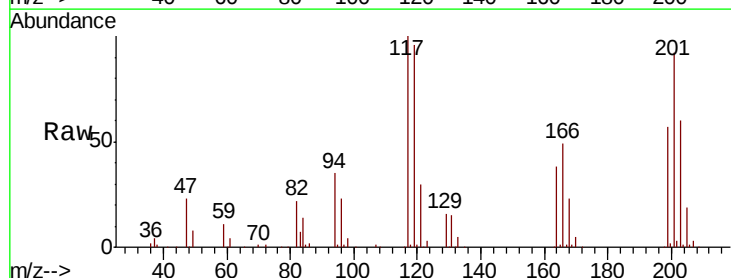


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

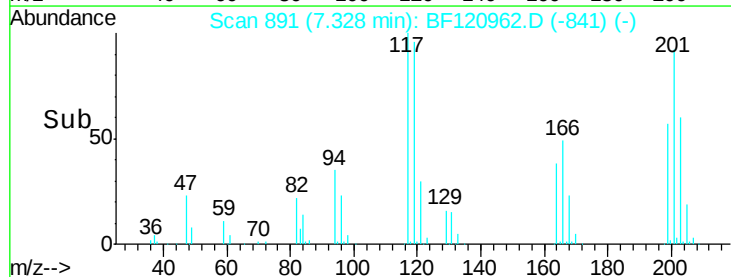
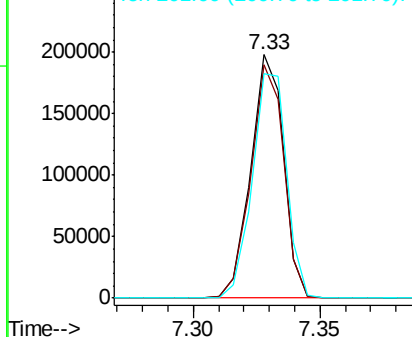


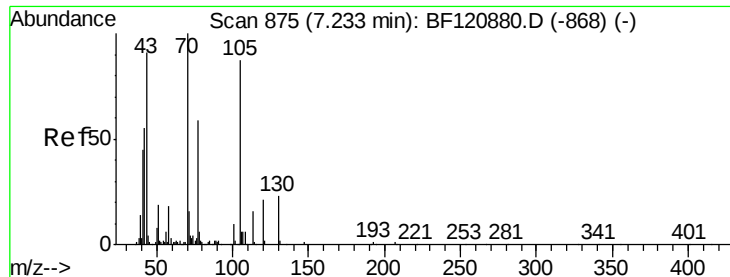
#18
Hexachloroethane
Concen: 38.799 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

Tgt Ion:117 Resp: 178986
Ion Ratio Lower Upper
117 100
119 95.9 76.0 114.0
201 92.0 81.7 122.5



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

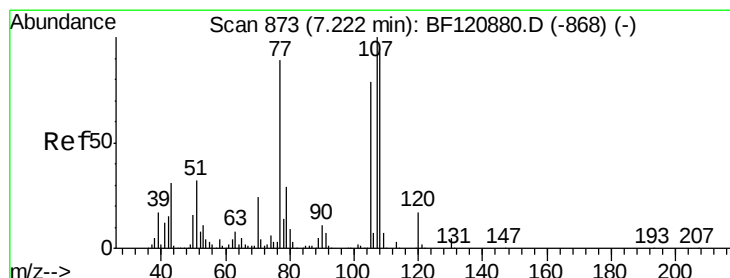
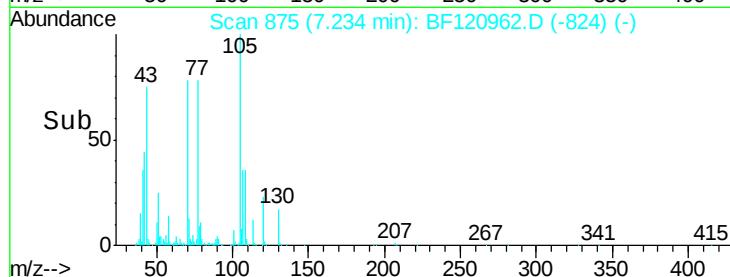
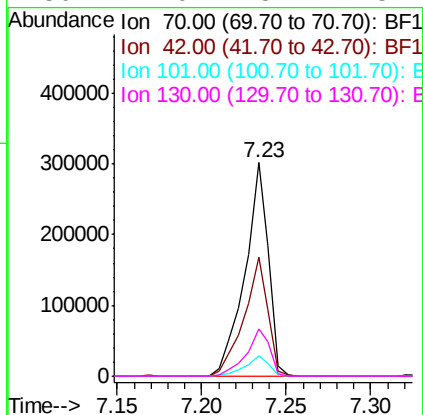
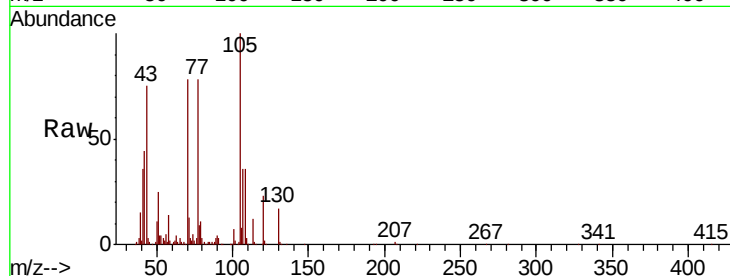




#19
n-Nitroso-di-n-propylamine
Concen: 37.256 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

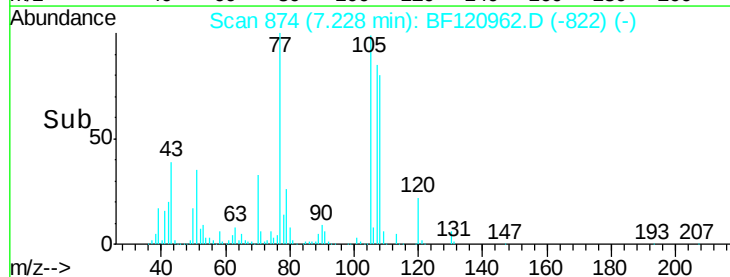
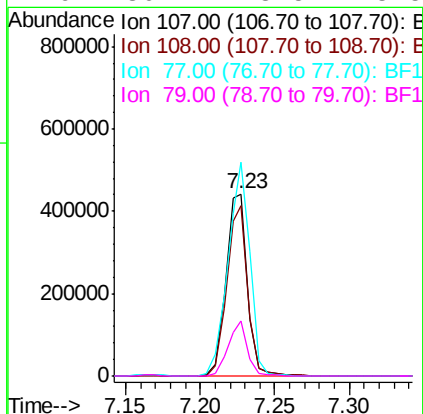
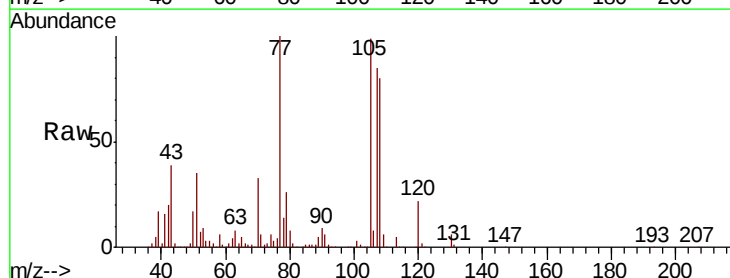
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

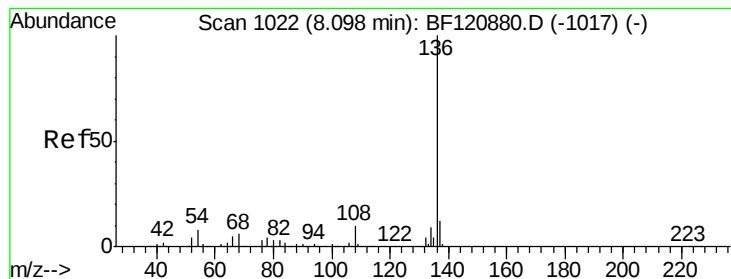
Tot Ion:	70	Resp:	293637
Ion	Ratio	Lower	Upper
70	100		
42	55.7	44.0	66.0
101	9.4	7.8	11.6
130	22.0	18.7	28.1



#20
3+4-Methylphenols
Concen: 33.746 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

Tgt Ion:	107	Resp:	449759
Ion	Ratio	Lower	Upper
107	100		
108	93.5	72.8	112.8
77	117.4	68.7	108.7#
79	30.1	8.5	48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 645989

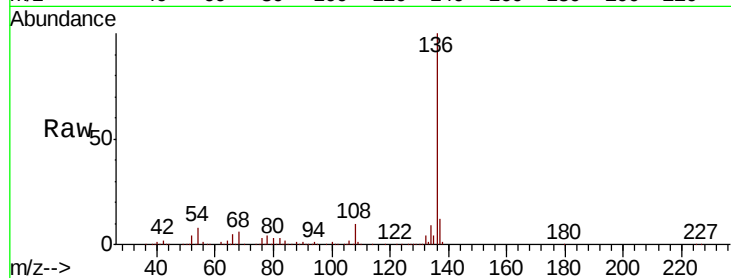
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 7.7 6.3 9.5

68 6.2 5.0 7.4

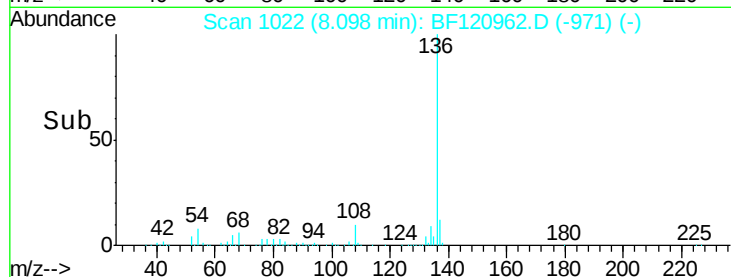


Abundance Ion 136.00 (135.70 to 136.70): E

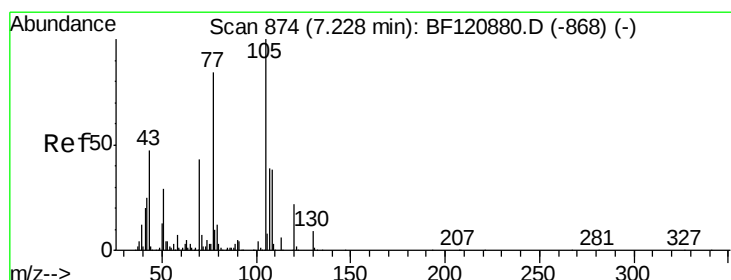
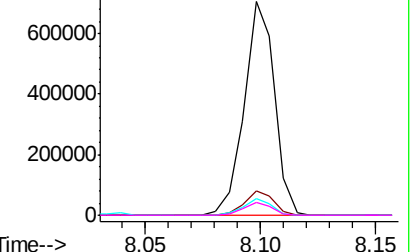
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 37.834 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Tgt Ion:105 Resp: 548511

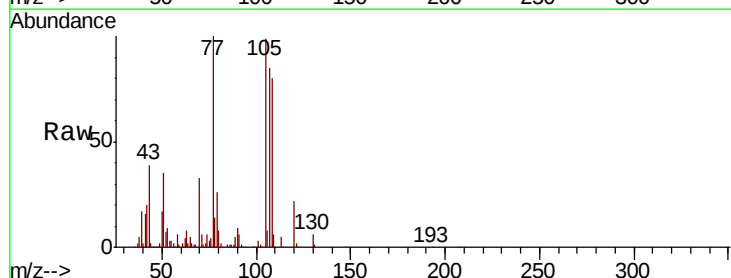
Ion Ratio Lower Upper

105 100

71 5.6 5.7 8.5#

51 34.9 22.9 34.3#

120 22.0 18.0 27.0

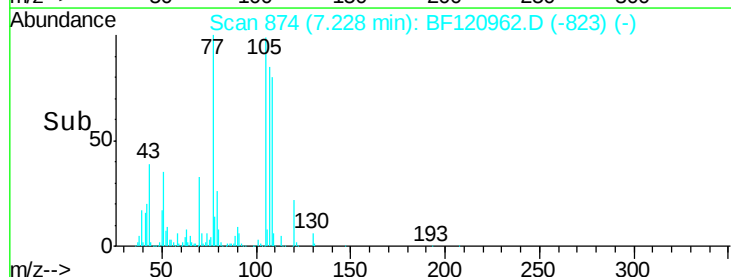


Abundance Ion 105.00 (104.70 to 105.70): E

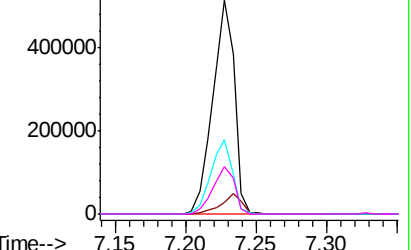
Ion 71.00 (70.70 to 71.70): BF1

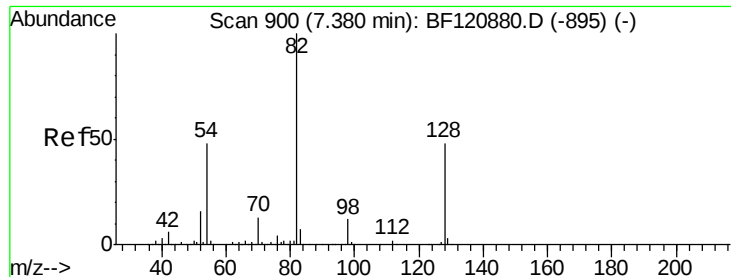
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

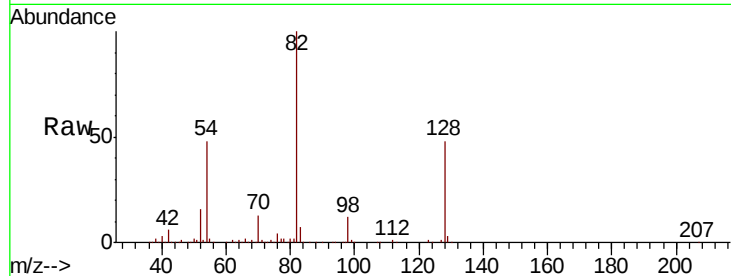




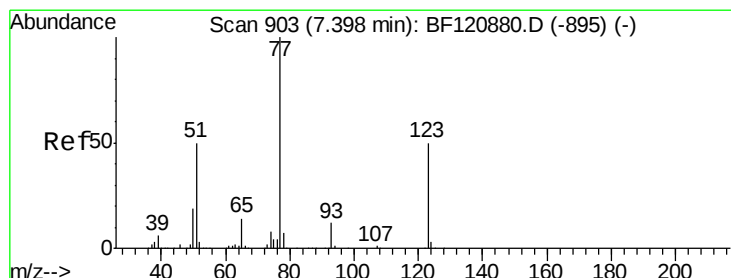
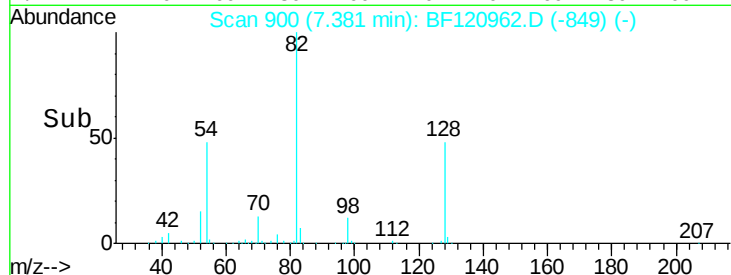
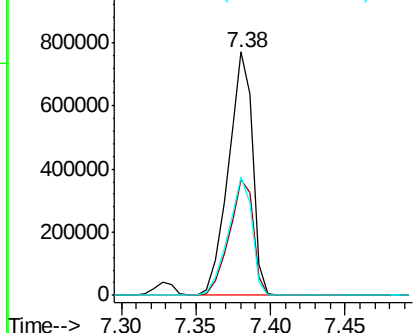
#23
 Nitrobenzene-d5
 Concen: 78.462 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF120962.D
 Acq: 22 Jul 2020 11:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	875961
Ion Ratio	100	Lower	Upper
128	47.6	38.2	57.4
54	48.4	38.7	58.1

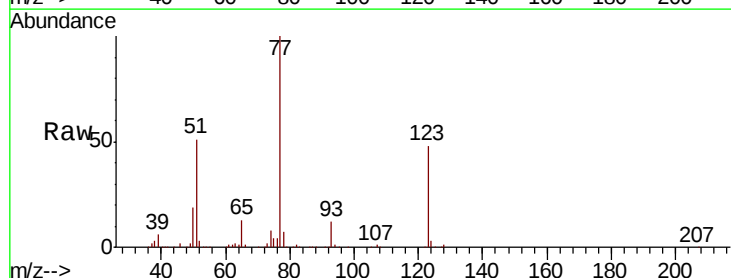


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

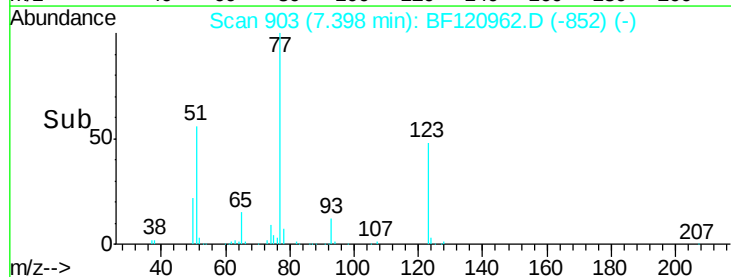
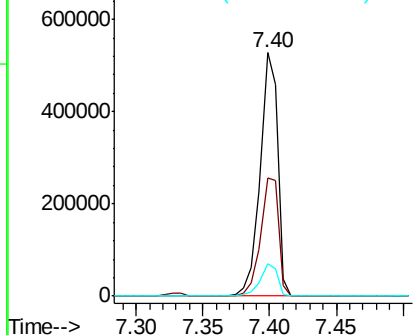


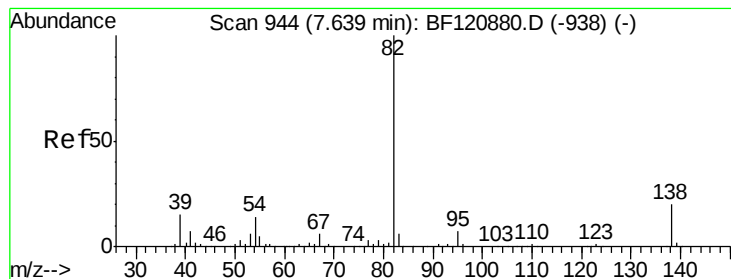
#24
 Nitrobenzene
 Concen: 39.372 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF120962.D
 Acq: 22 Jul 2020 11:22

Tgt Ion	77	Resp	473753
Ion Ratio	100	Lower	Upper
123	48.3	40.1	60.1
65	13.2	10.8	16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.555 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

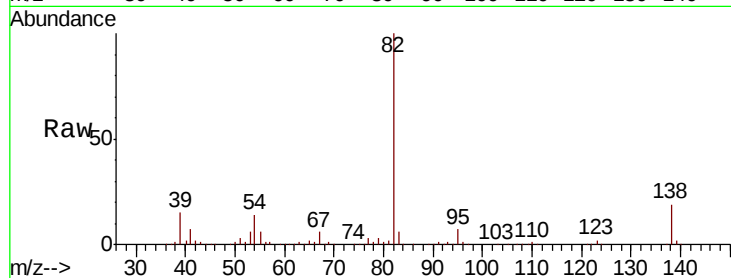
Tot Ion: 82 Resp: 859050

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

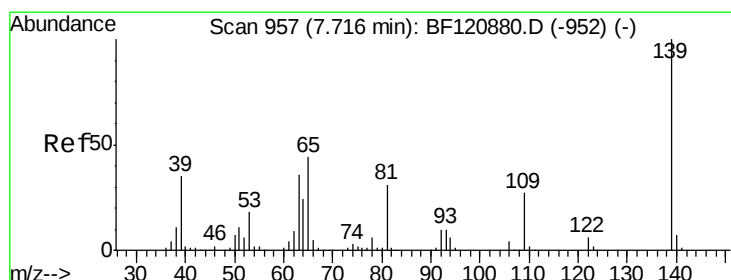
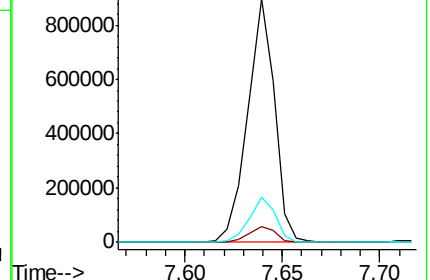
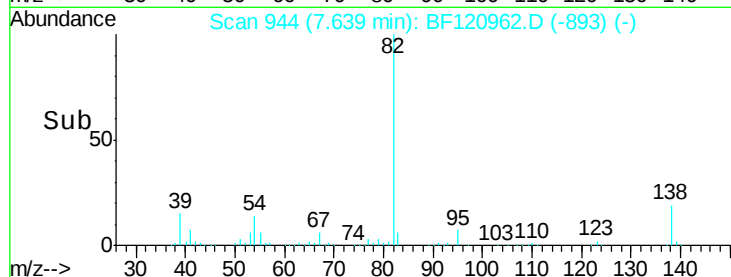
138 18.6 15.6 23.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.350 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

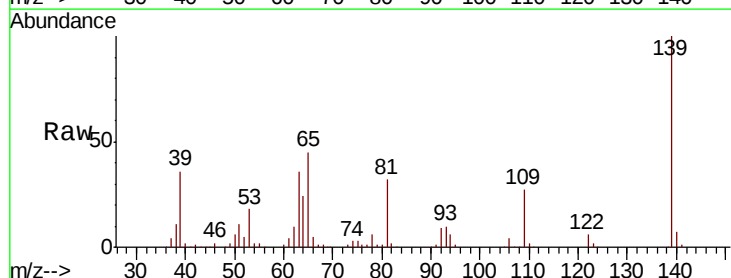
Tgt Ion: 139 Resp: 242018

Ion Ratio Lower Upper

139 100

109 26.8 21.6 32.4

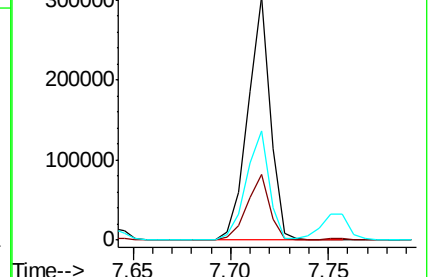
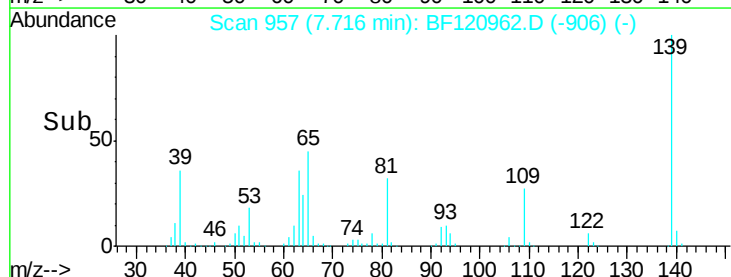
65 45.0 35.3 52.9

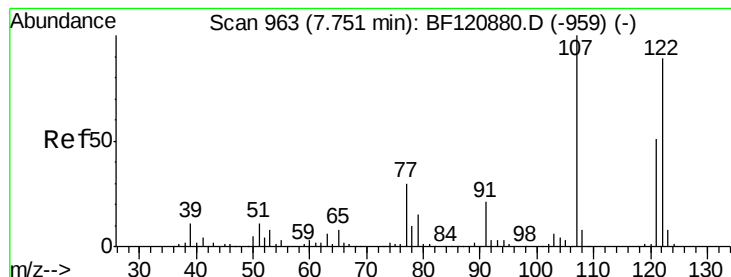


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.378 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

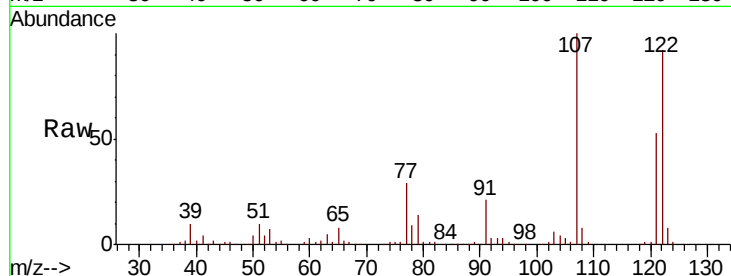
Tot Ion:122 Resp: 365367

Ion Ratio Lower Upper

122 100

107 108.9 89.4 134.0

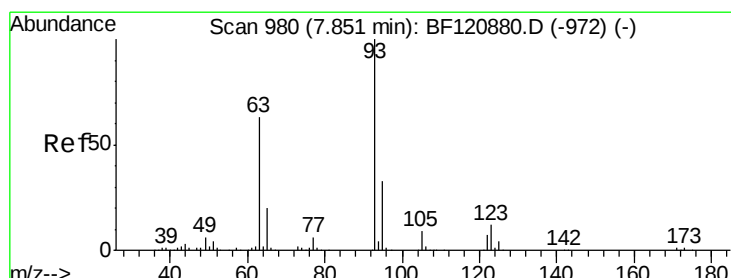
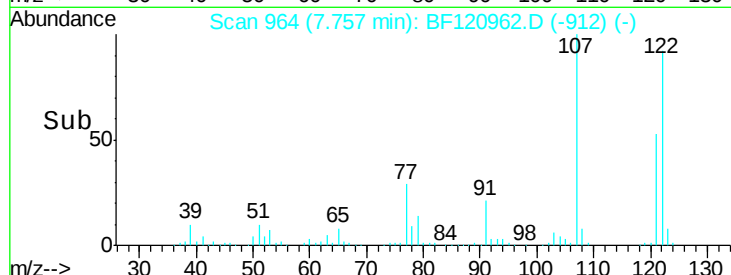
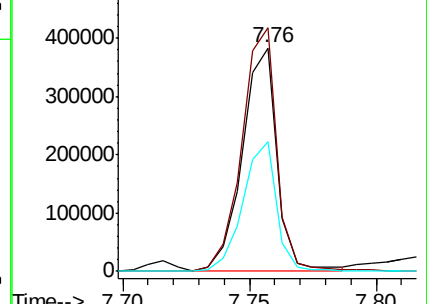
121 57.8 46.0 69.0



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: 39.519 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

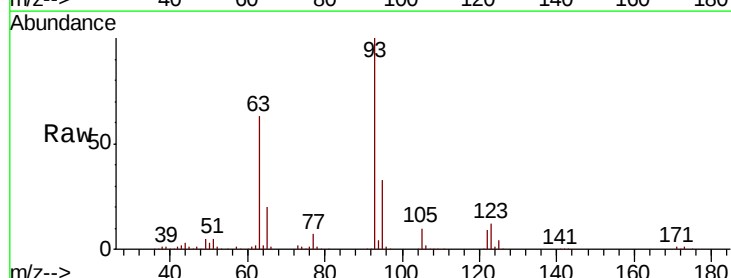
Tgt Ion: 93 Resp: 537491

Ion Ratio Lower Upper

93 100

95 32.6 26.6 39.8

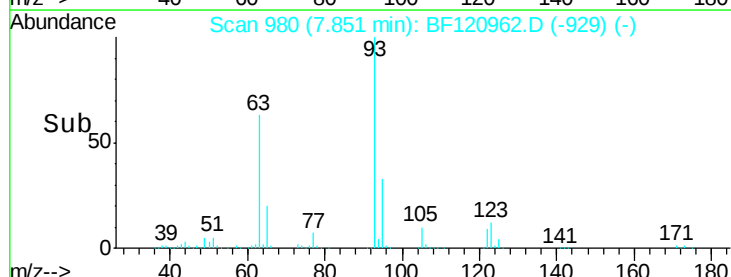
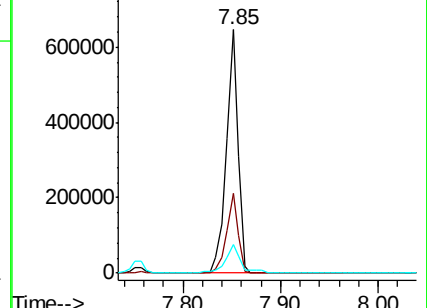
123 11.8 10.0 15.0



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

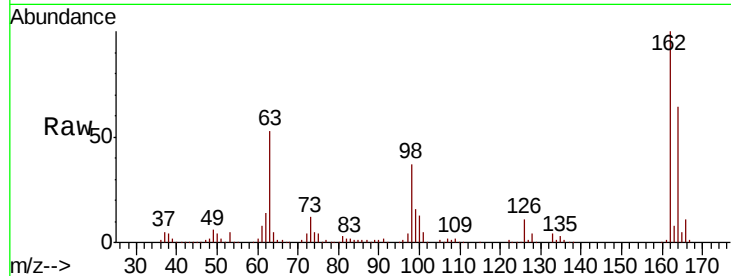




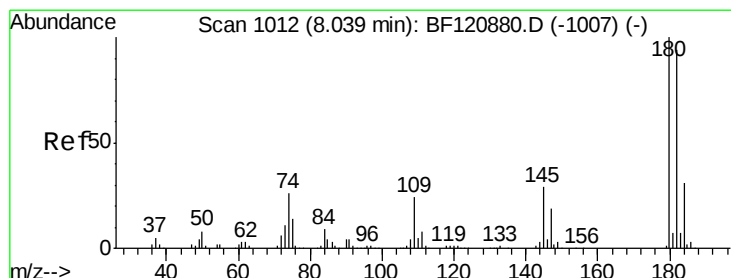
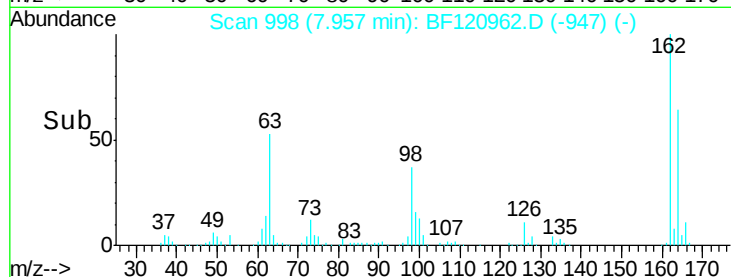
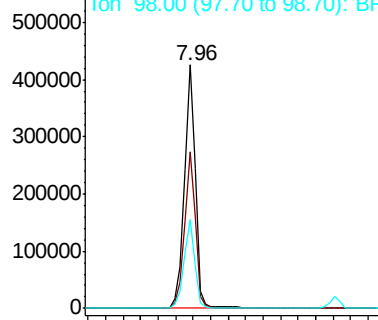
#29
2,4-Dichlorophenol
Concen: 39.632 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 375759
Ion Ratio Lower Upper
162 100
164 64.3 45.3 85.3
98 36.6 13.3 53.3

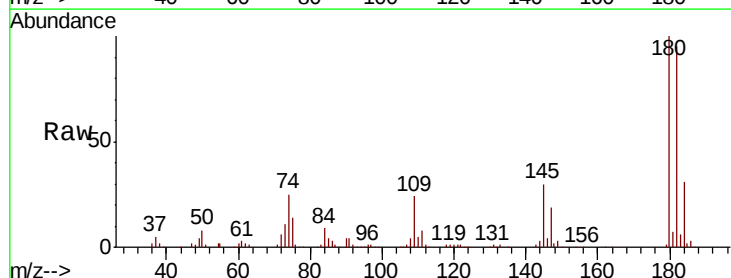


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

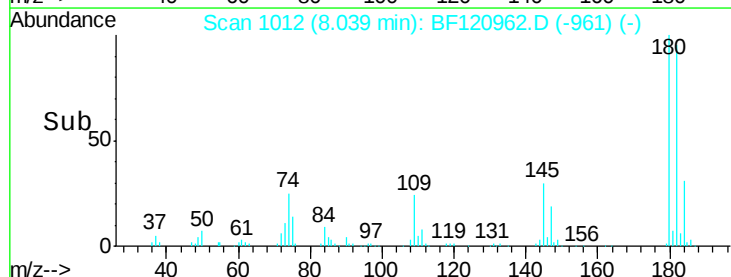
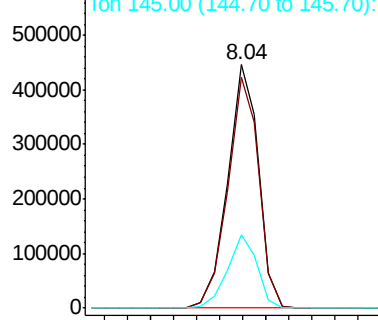


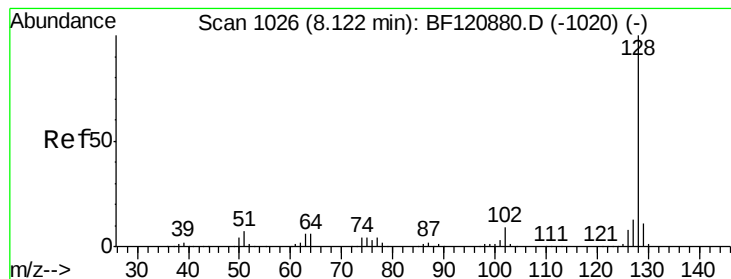
#30
1,2,4-Trichlorobenzene
Concen: 39.300 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

Tgt Ion:180 Resp: 413405
Ion Ratio Lower Upper
180 100
182 95.0 75.0 112.6
145 30.1 23.5 35.3



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





#31

Naphthalene

Concen: 37.984 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

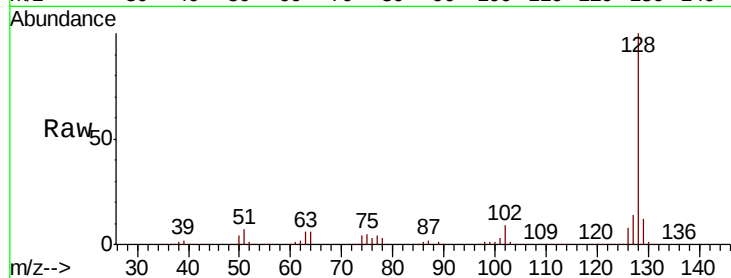
Tot Ion:128 Resp: 1258646

Ion Ratio Lower Upper

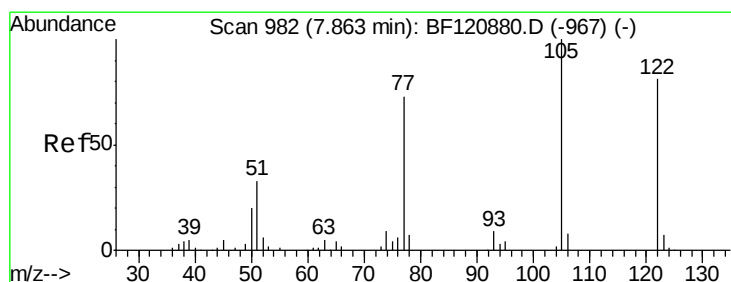
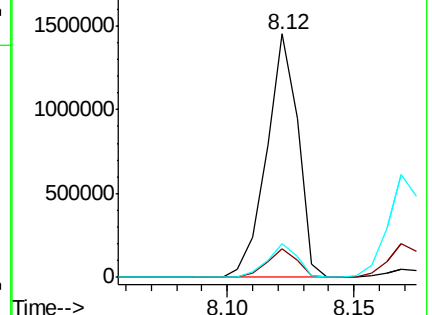
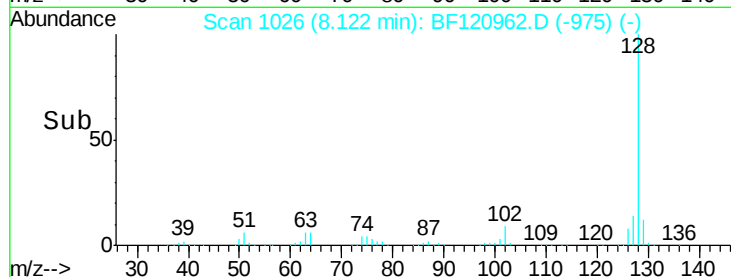
128 100

129 11.6 9.1 13.7

127 13.7 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.995 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

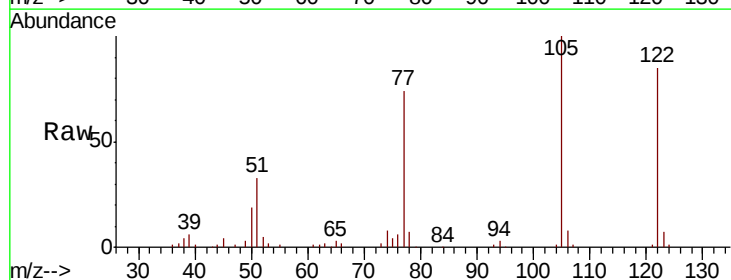
Tgt Ion:122 Resp: 306426

Ion Ratio Lower Upper

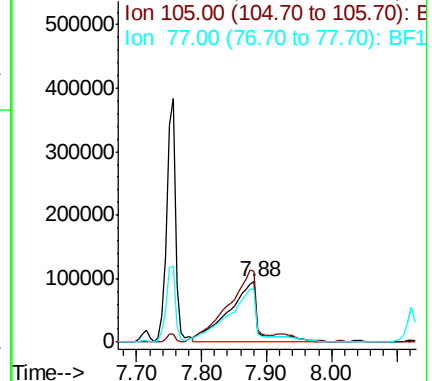
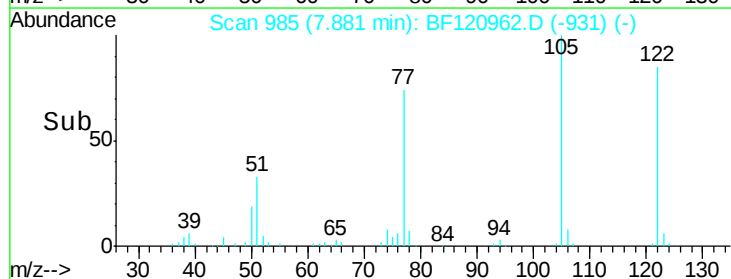
122 100

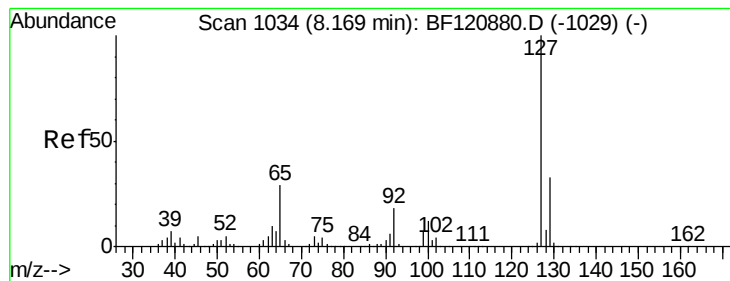
105 118.3 101.3 141.3

77 88.0 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): E
500000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 38.312 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 566326

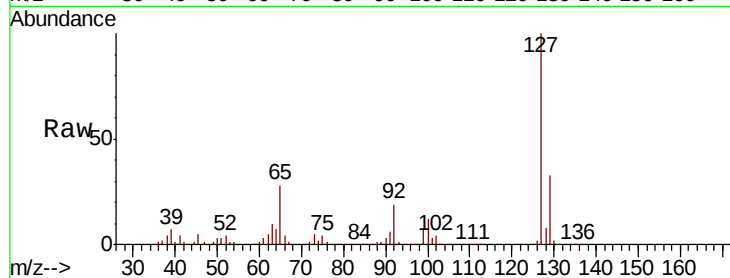
Ion Ratio Lower Upper

127 100

129 32.8 26.5 39.7

65 28.4 23.0 34.4

92 18.5 14.5 21.7

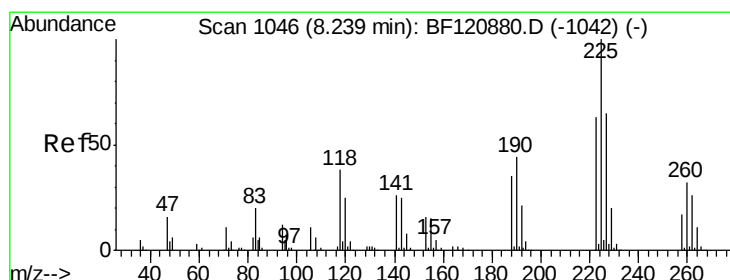
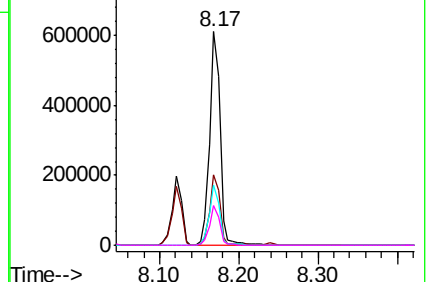
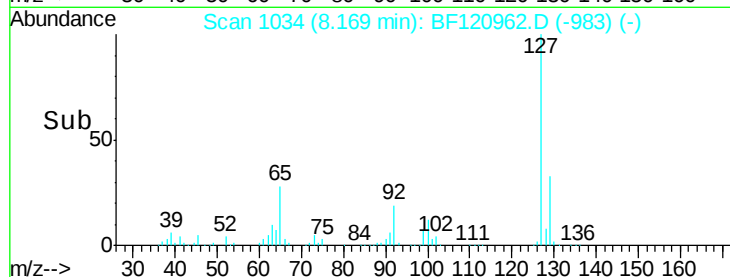


Abundance Ion 127.00 (126.70 to 127.70): E

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: 39.075 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

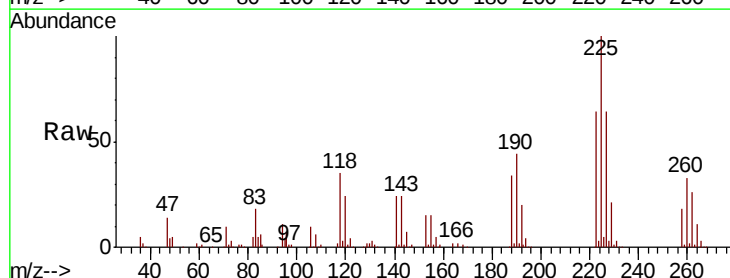
Tgt Ion:225 Resp: 242309

Ion Ratio Lower Upper

225 100

223 64.3 50.6 76.0

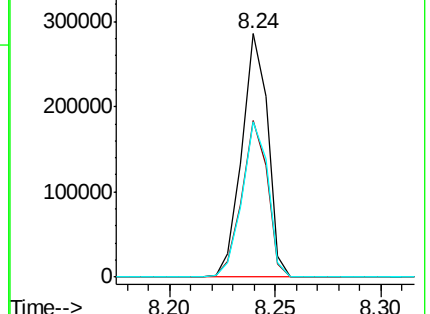
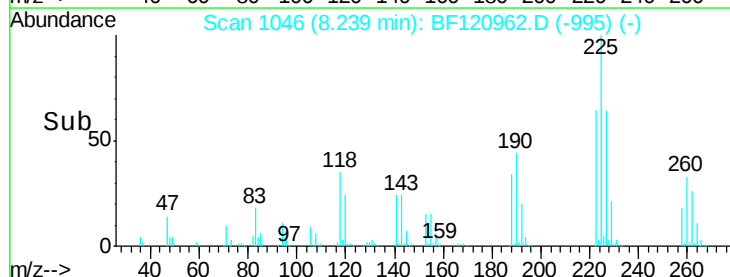
227 63.8 52.2 78.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.722 ng

RT: 8.55 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

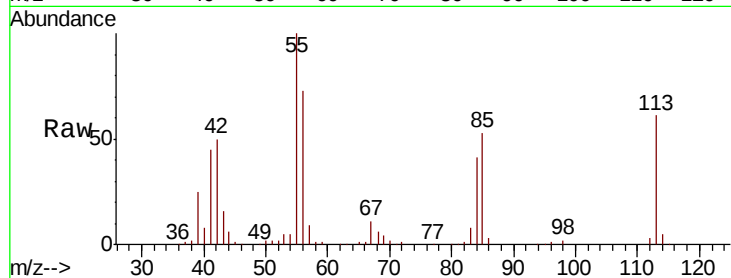
Tot Ion:113 Resp: 120774

Ion Ratio Lower Upper

113 100

55 162.9 143.3 183.3

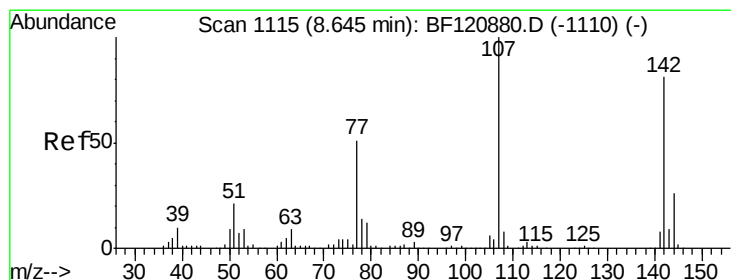
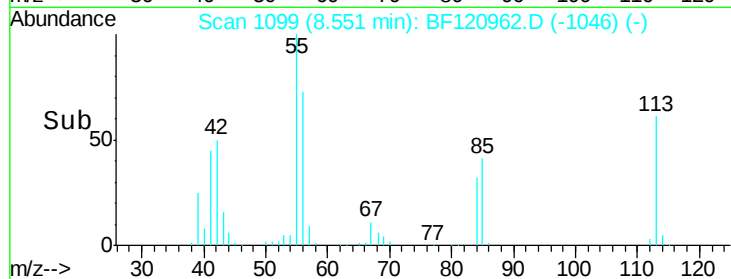
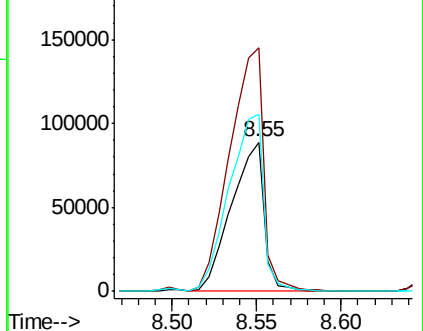
56 118.8 99.4 139.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.104 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

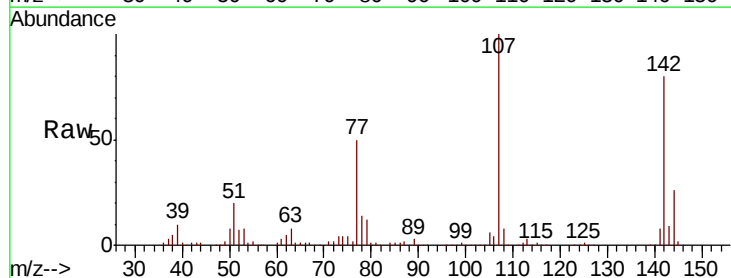
Tgt Ion:107 Resp: 389971

Ion Ratio Lower Upper

107 100

144 25.7 21.0 31.6

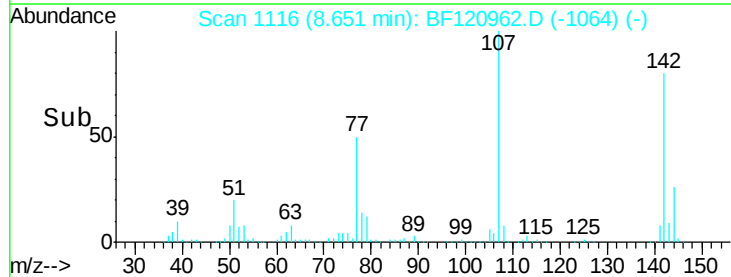
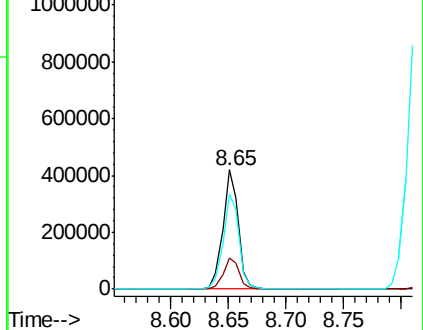
142 79.5 65.0 97.6

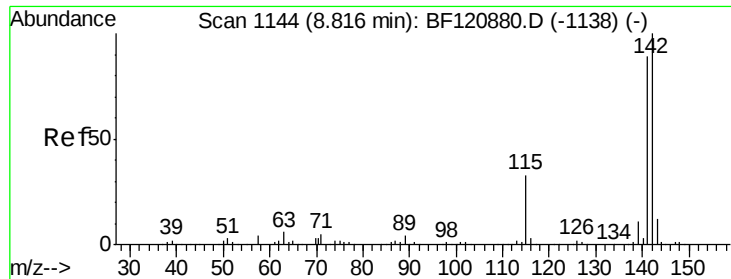


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

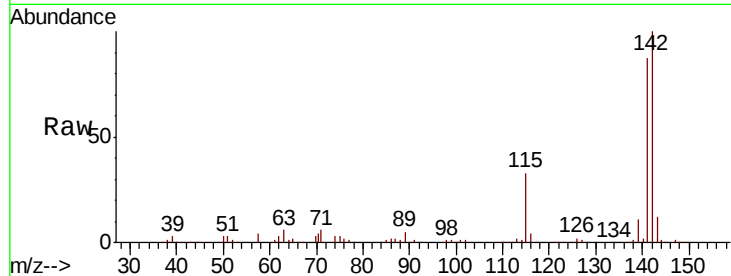




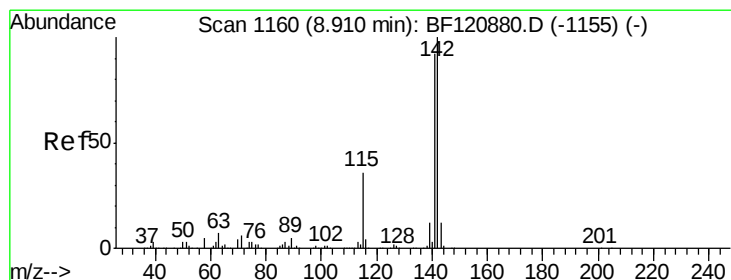
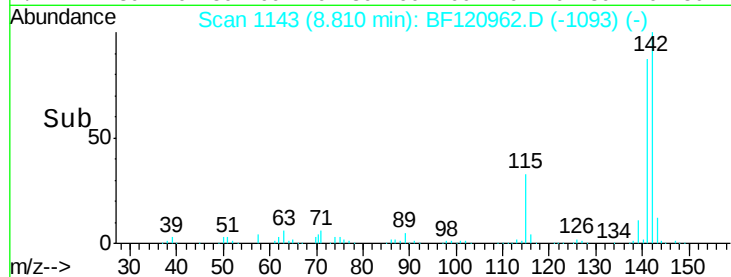
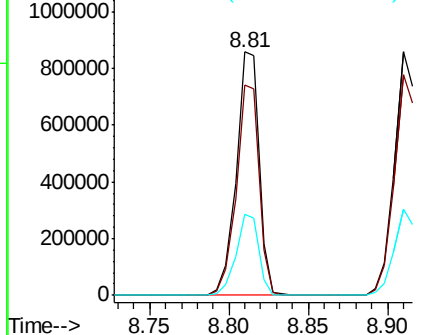
#37
2-Methylnaphthalene
Concen: 39.756 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 855379
Ion Ratio Lower Upper
142 100
141 86.8 71.0 106.4
115 33.4 26.0 39.0

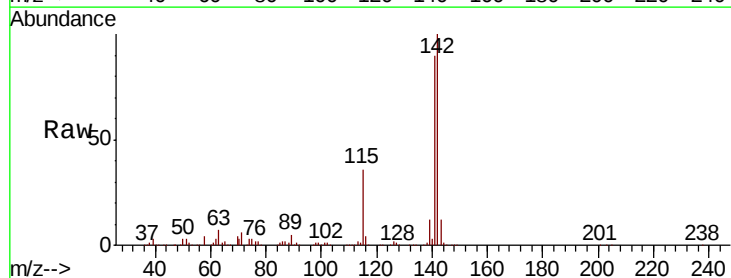


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

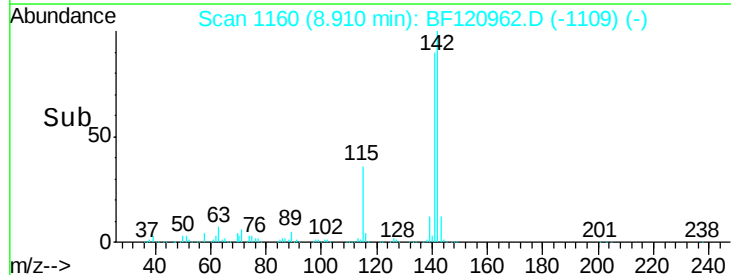
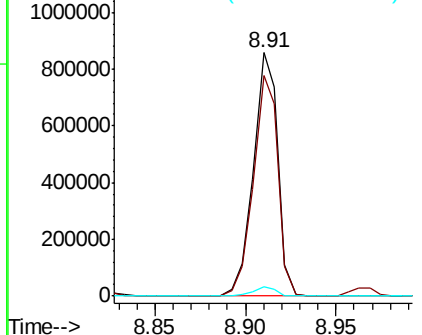


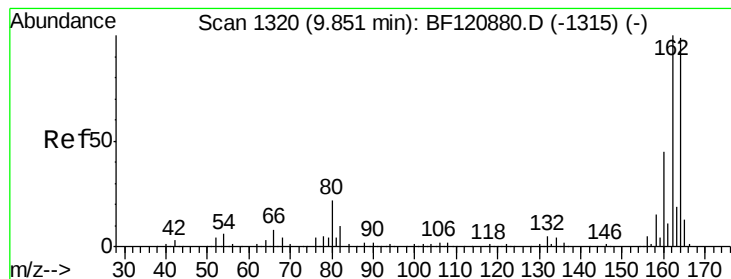
#38
1-Methylnaphthalene
Concen: 39.267 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

Tgt Ion:142 Resp: 800161
Ion Ratio Lower Upper
142 100
141 90.5 73.7 110.5
116 3.7 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# 1321

Delta R.T. 0.01 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

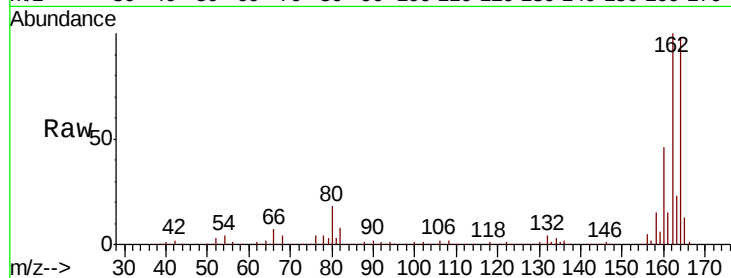
Tot Ion:164 Resp: 340347

Ion Ratio Lower Upper

164 100

162 101.7 81.2 121.8

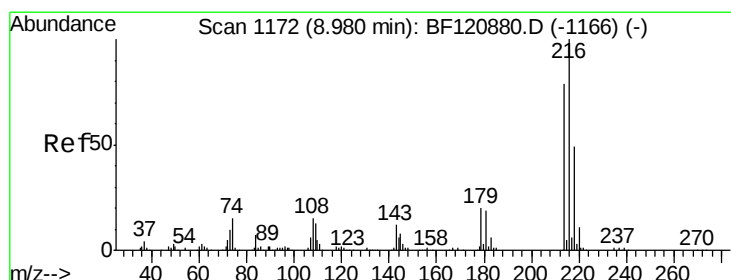
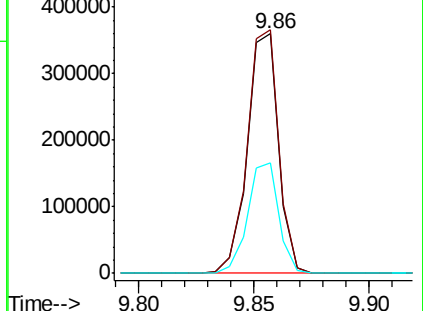
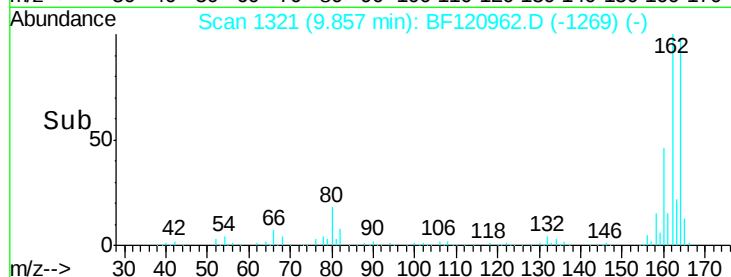
160 46.4 36.9 55.3



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: 39.363 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Tgt Ion:216 Resp: 390333

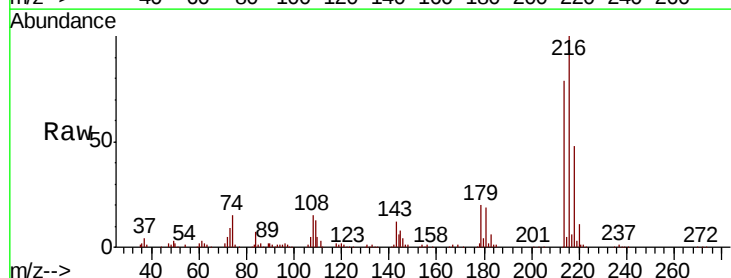
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.8

179 20.4 16.6 24.8

108 18.9 15.4 23.0

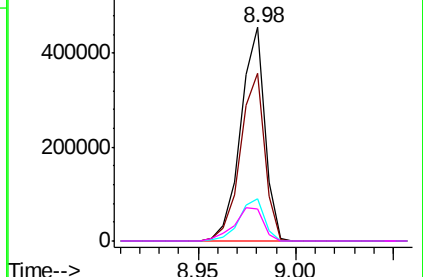
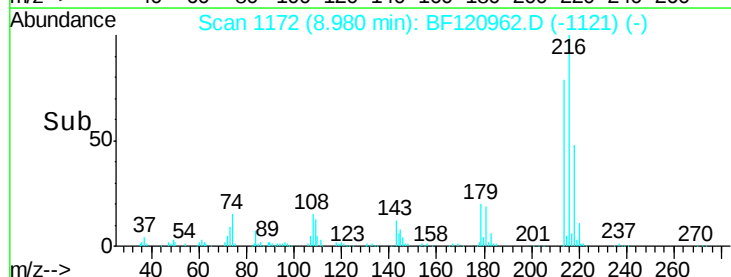


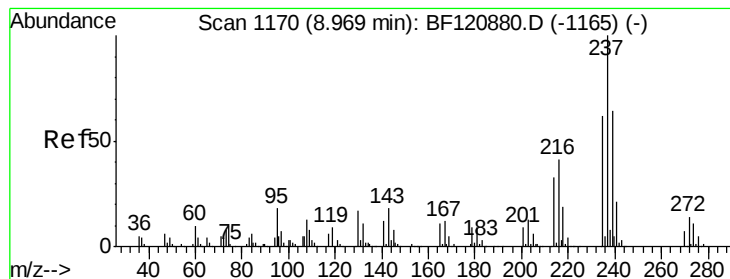
Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.230 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

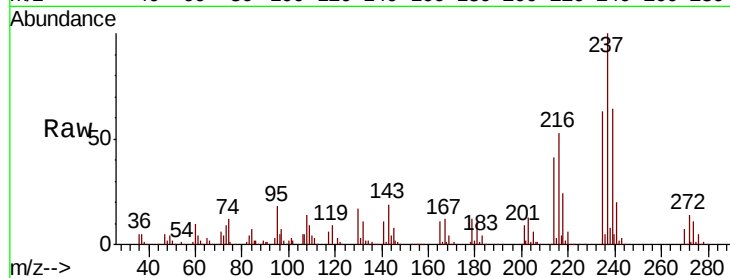
Tot Ion:237 Resp: 215000

Ion Ratio Lower Upper

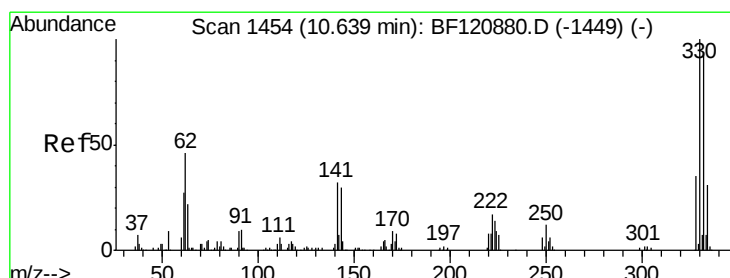
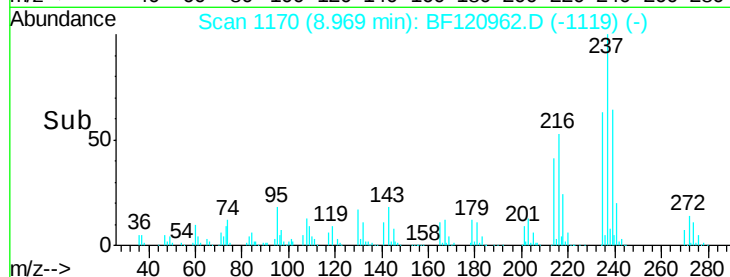
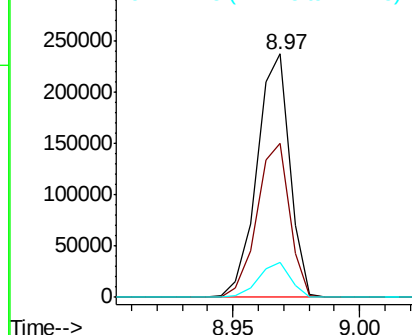
237 100

235 63.5 41.6 81.6

272 14.3 0.0 33.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 80.345 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

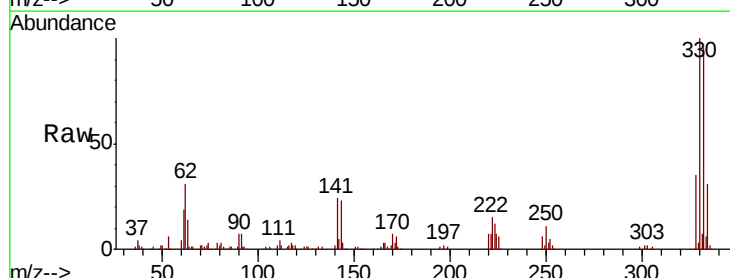
Tgt Ion:330 Resp: 299321

Ion Ratio Lower Upper

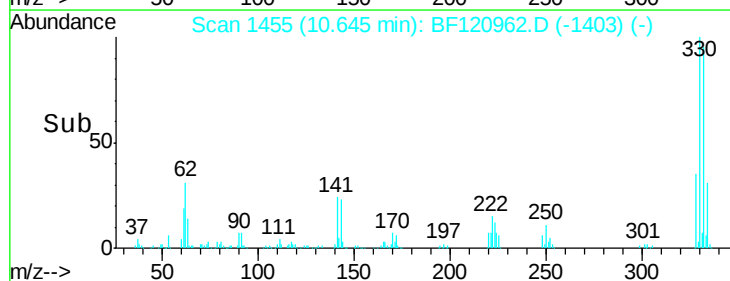
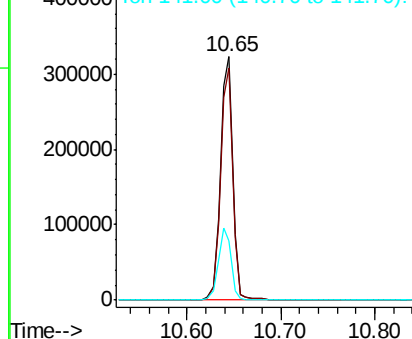
330 100

332 95.0 75.5 113.3

141 30.7 25.7 38.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

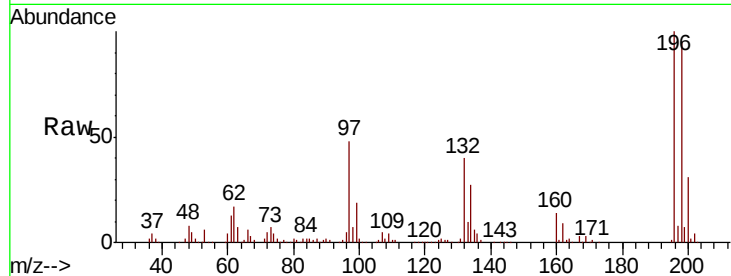




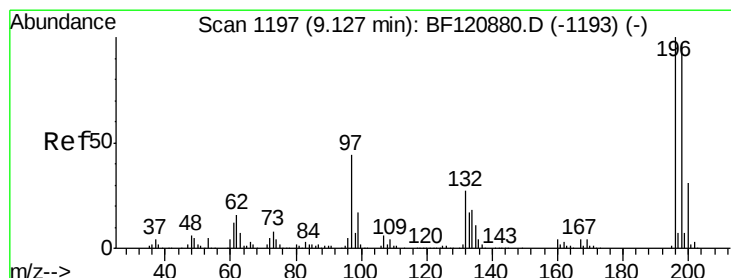
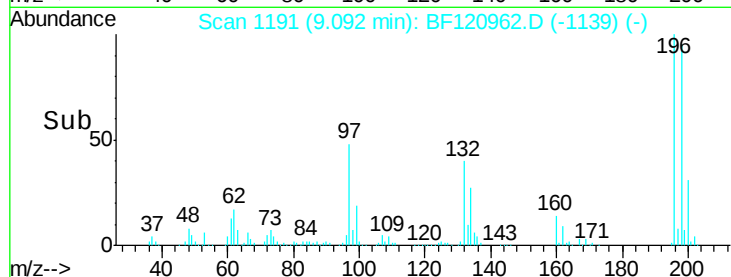
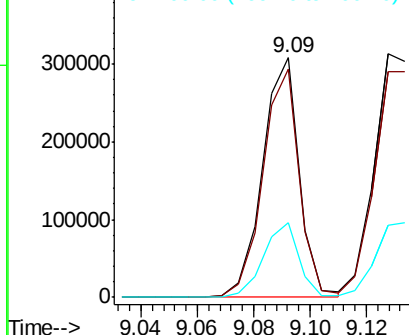
#43
 2,4,6-Trichlorophenol
 Concen: 39.621 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120962.D
 Acq: 22 Jul 2020 11:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 276635
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.7 113.5
 200 31.0 24.4 36.6

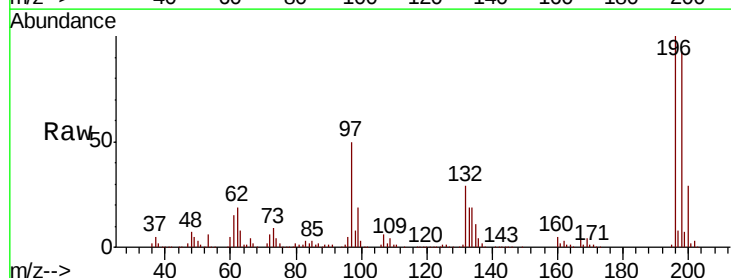


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

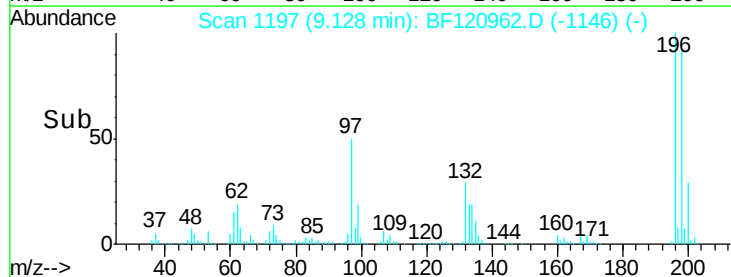
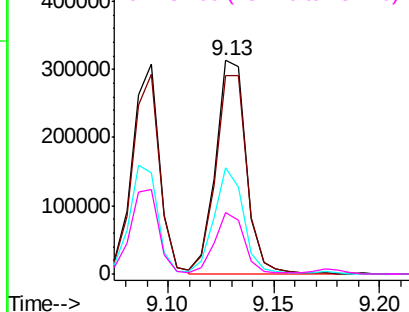


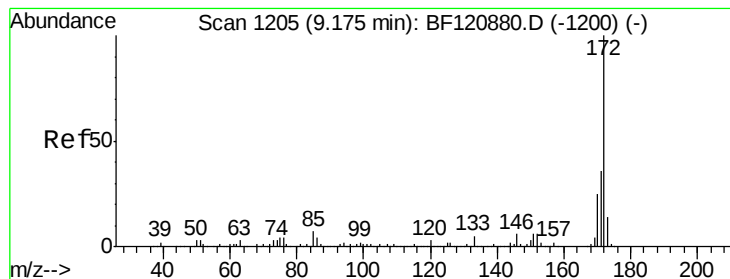
#44
 2,4,5-Trichlorophenol
 Concen: 39.833 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120962.D
 Acq: 22 Jul 2020 11:22

Tgt Ion:196 Resp: 315470
 Ion Ratio Lower Upper
 196 100
 198 92.7 77.6 116.4
 97 50.0 35.6 53.4
 132 28.7 21.5 32.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 66.582 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Instrument :

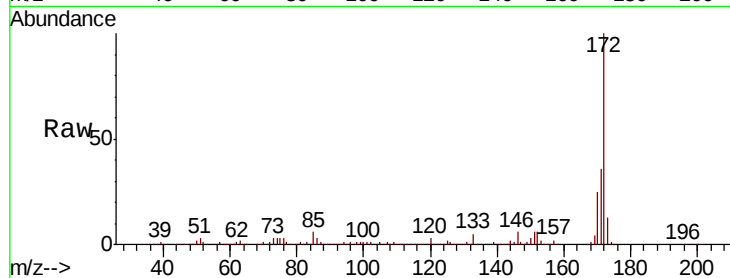
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:172 Resp: 1517778

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	24.6	19.6	29.4

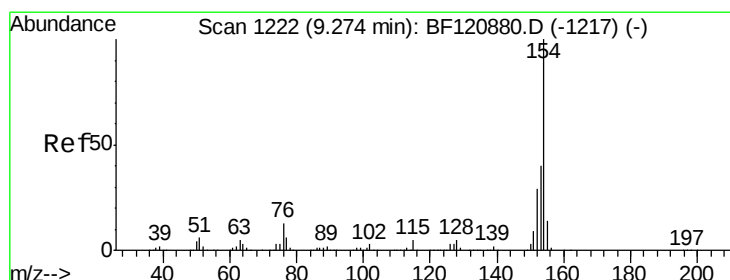
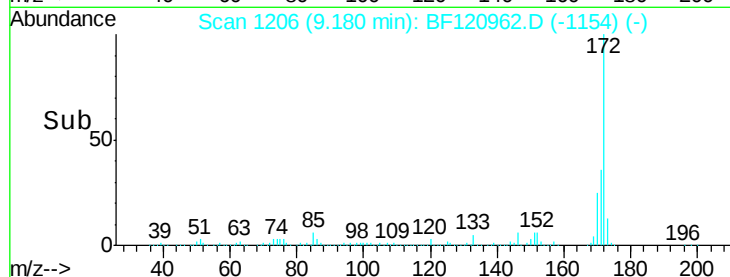
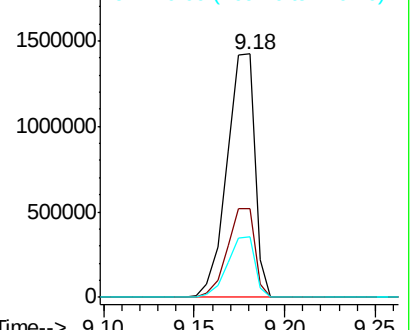


Abundance

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: 38.261 ng

RT: 9.27 min Scan# 1222

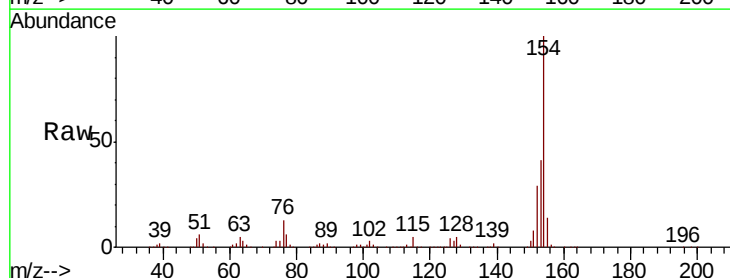
Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Tgt Ion:154 Resp: 993321

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.4	60.4
76	13.5	0.0	33.1

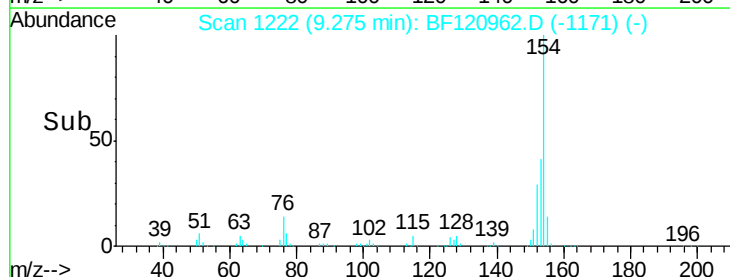
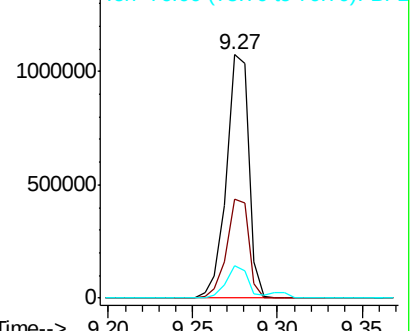


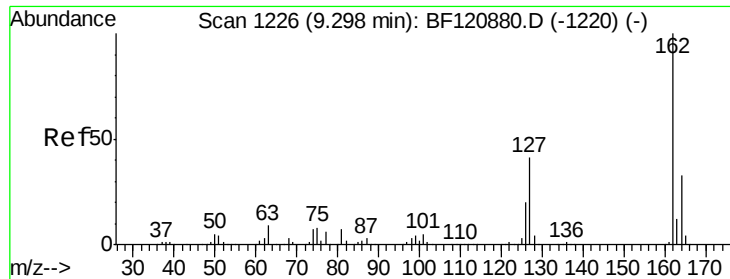
Abundance

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

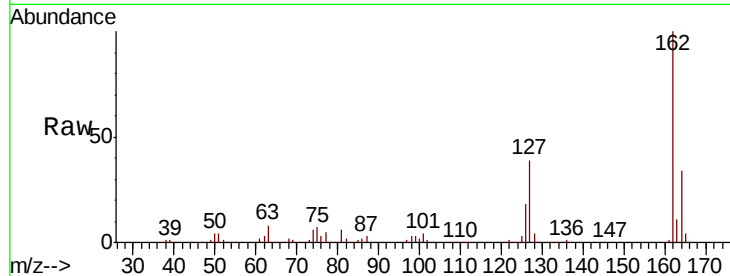




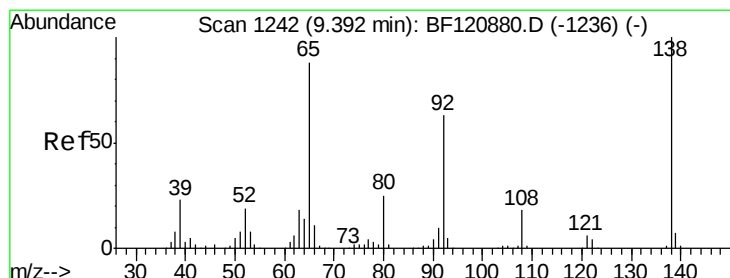
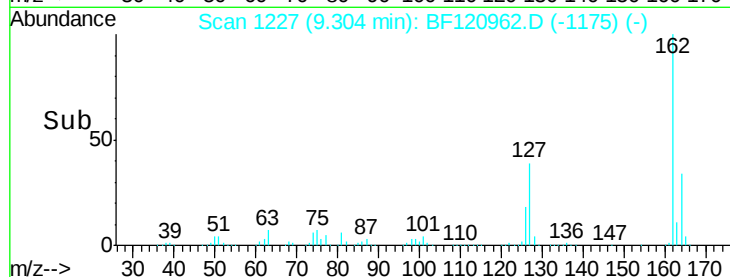
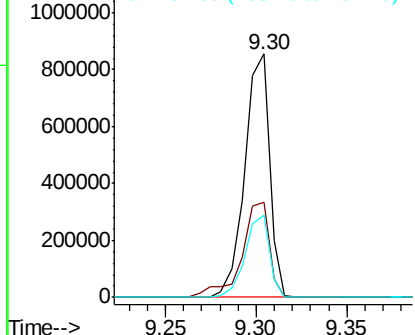
#47
 2-Chloronaphthalene
 Concen: 38.441 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120962.D
 Acq: 22 Jul 2020 11:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 813675
 Ion Ratio Lower Upper
 162 100
 127 39.0 33.3 49.9
 164 34.0 26.6 39.8

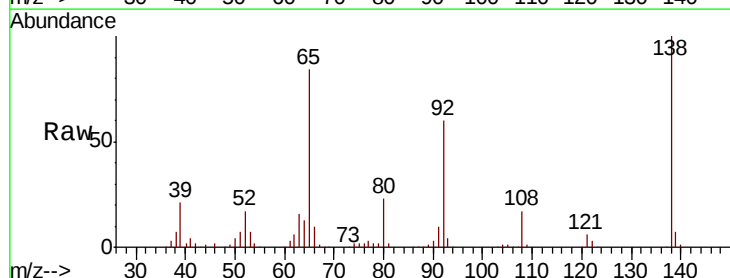


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

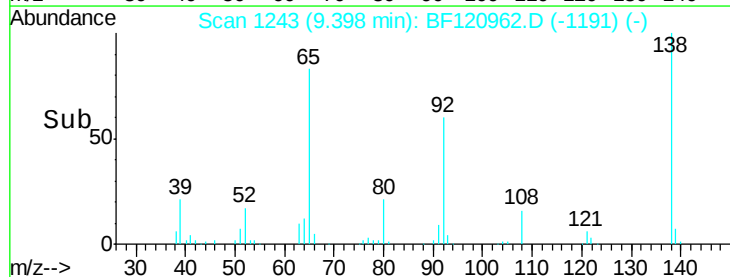
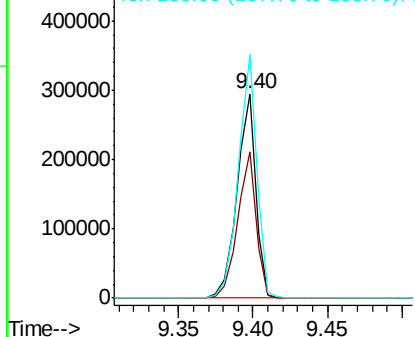


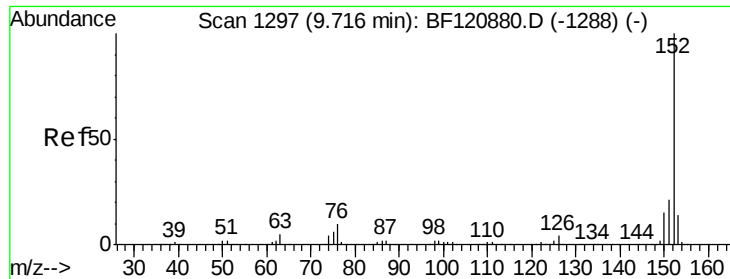
#48
 2-Nitroaniline
 Concen: 40.908 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120962.D
 Acq: 22 Jul 2020 11:22

Tgt Ion: 65 Resp: 261676
 Ion Ratio Lower Upper
 65 100
 92 71.7 57.0 85.4
 138 119.2 90.4 135.6



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: 38.399 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

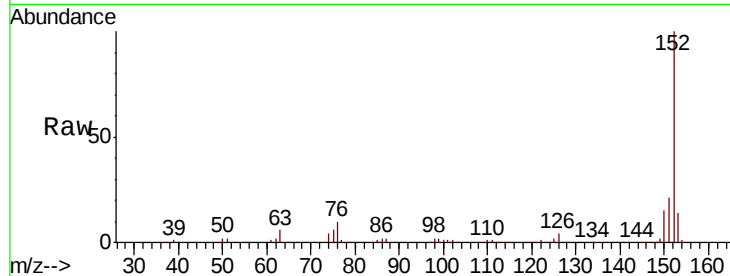
Tot Ion:152 Resp: 1262666

Ion Ratio Lower Upper

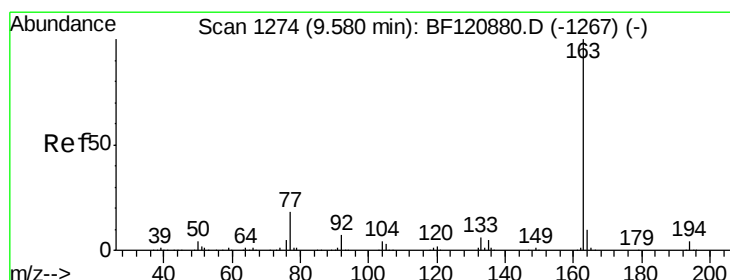
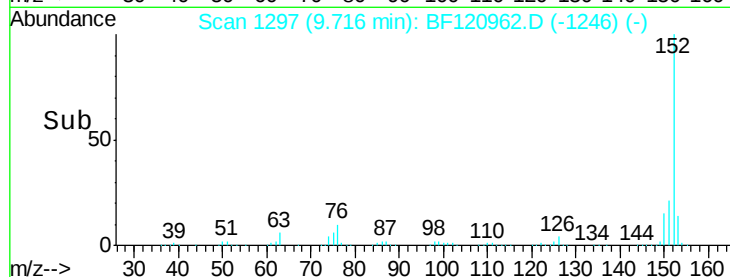
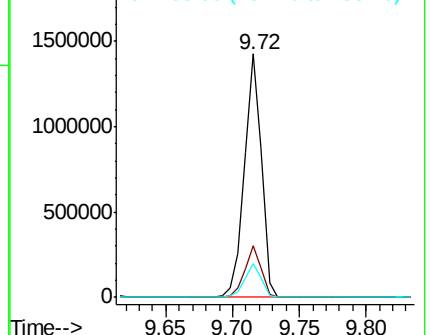
152 100

151 20.9 16.6 25.0

153 13.8 10.9 16.3



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: 38.839 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

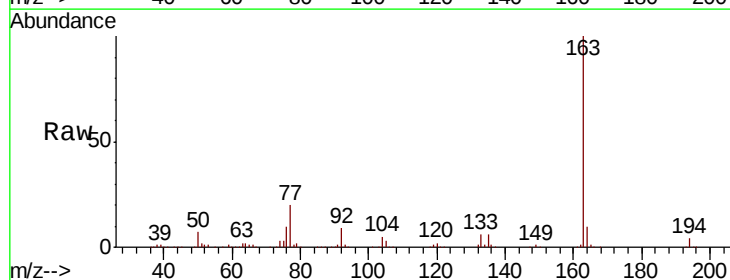
Tgt Ion:163 Resp: 953654

Ion Ratio Lower Upper

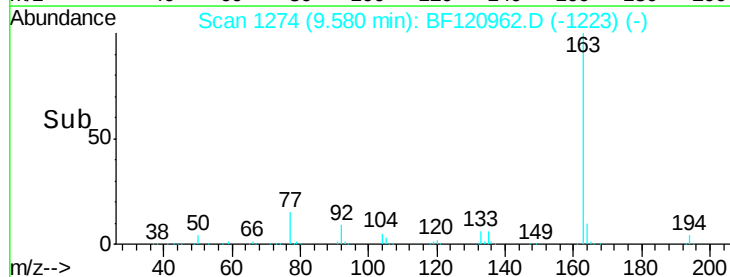
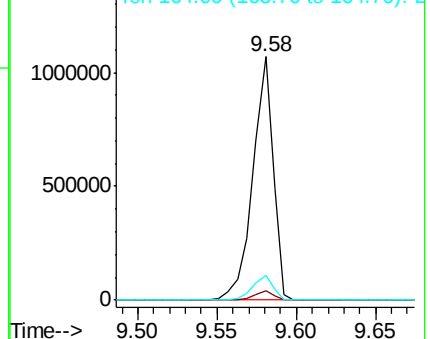
163 100

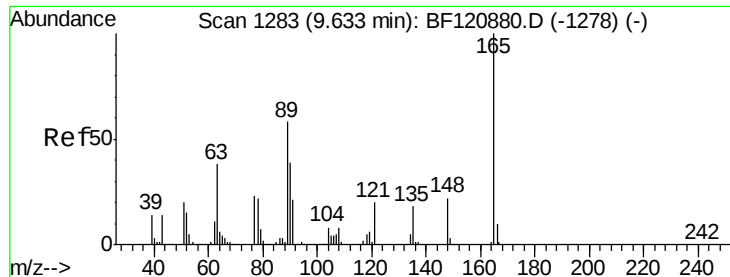
194 3.9 3.2 4.8

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: 41.082 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

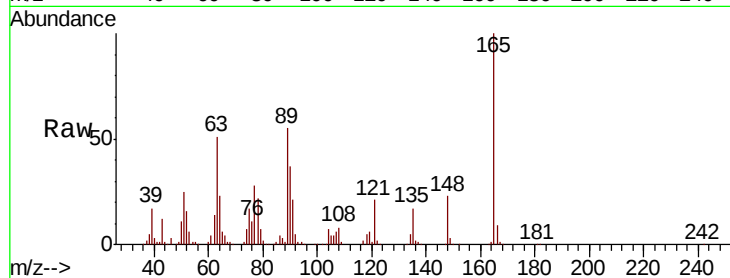
Tot Ion:165 Resp: 216716

Ion Ratio Lower Upper

165 100

63 50.8 45.4 68.2

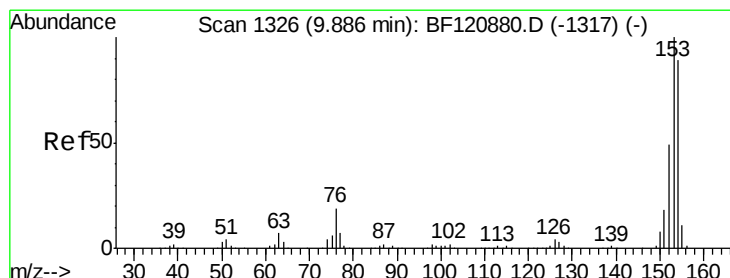
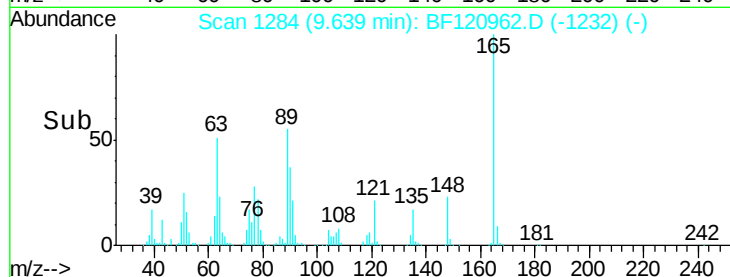
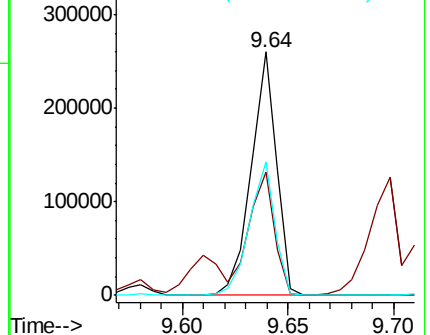
89 54.9 47.0 70.4



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: 38.774 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

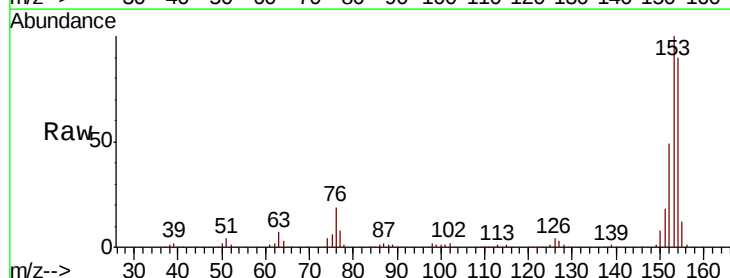
Tgt Ion:154 Resp: 810600

Ion Ratio Lower Upper

154 100

153 111.7 89.5 134.3

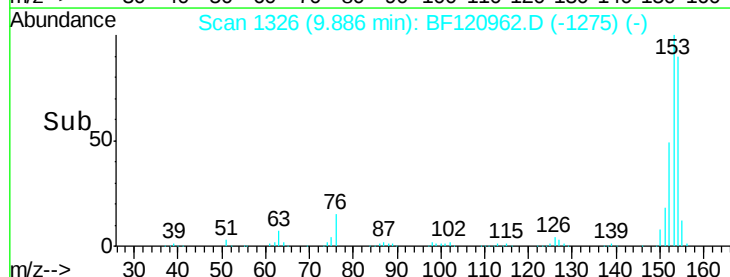
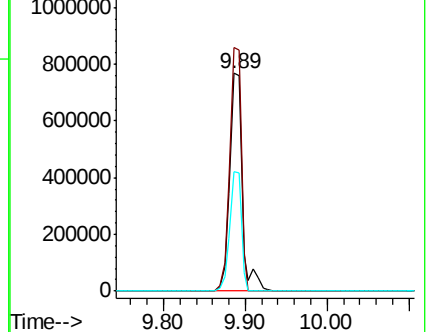
152 54.9 44.2 66.2

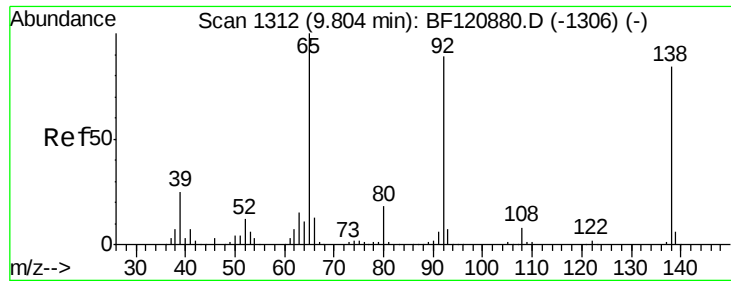


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

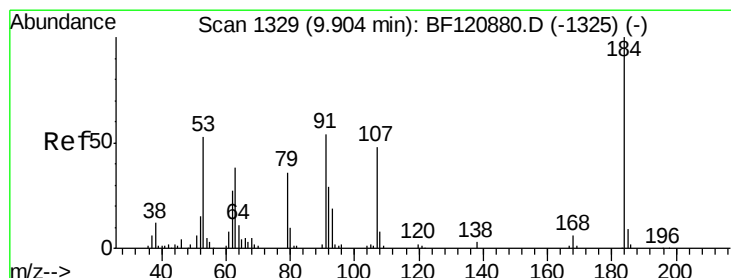
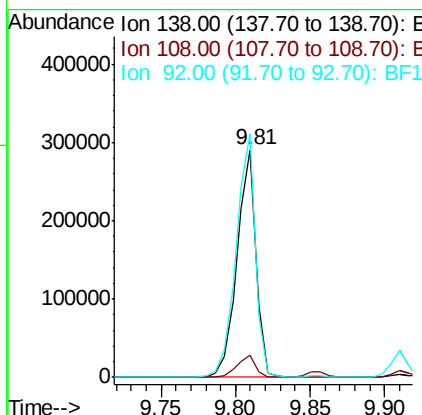
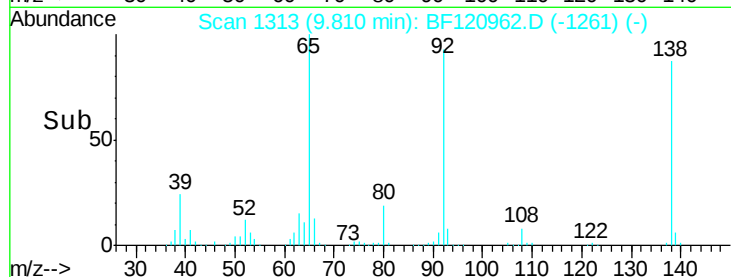
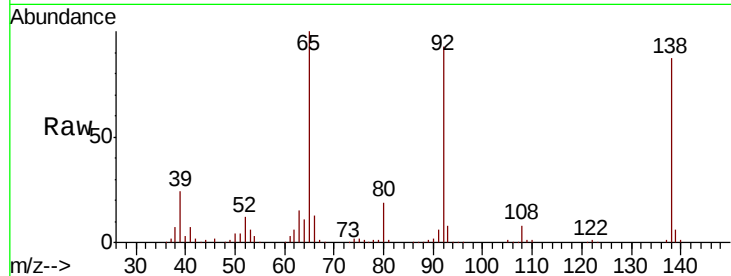




#53
 3-Nitroaniline
 Concen: 39.316 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF120962.D
 Acq: 22 Jul 2020 11:22

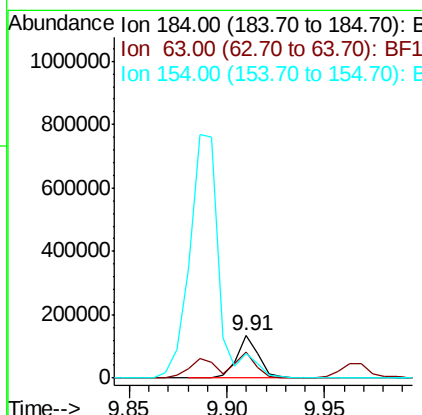
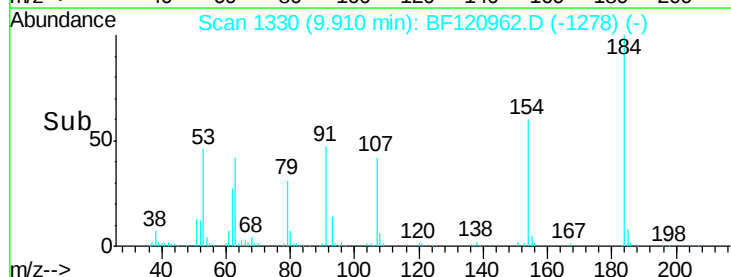
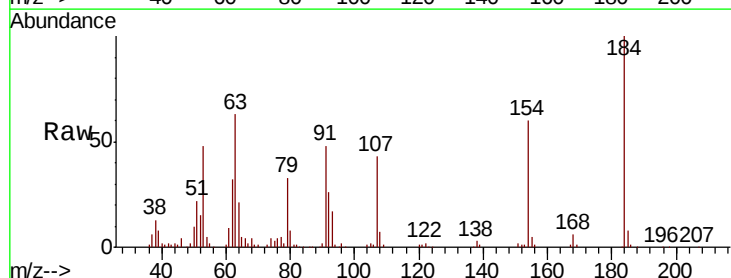
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

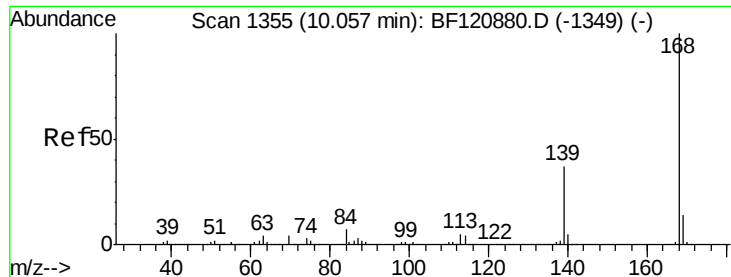
Tot Ion:138 Resp: 260119
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.9 11.9
 92 107.0 85.3 127.9



#54
 2,4-Dinitrophenol
 Concen: 38.758 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: BF120962.D
 Acq: 22 Jul 2020 11:22

Tgt Ion:184 Resp: 105990
 Ion Ratio Lower Upper
 184 100
 63 62.7 57.9 86.9
 154 60.2 52.6 78.8

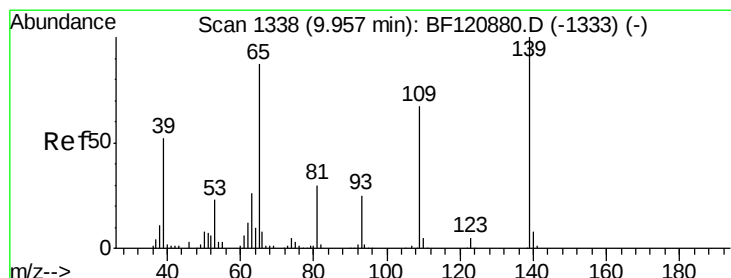
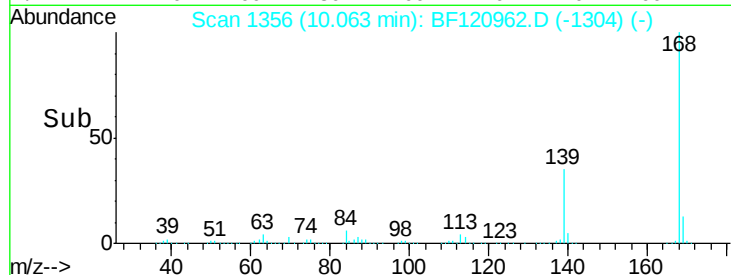
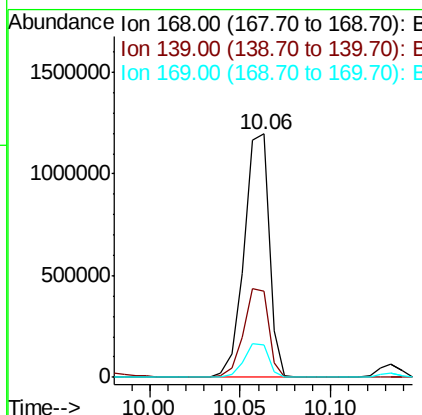
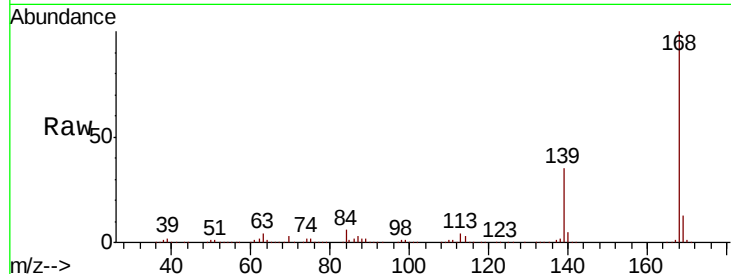




#55
Dibenzenofuran
Concen: 37.999 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

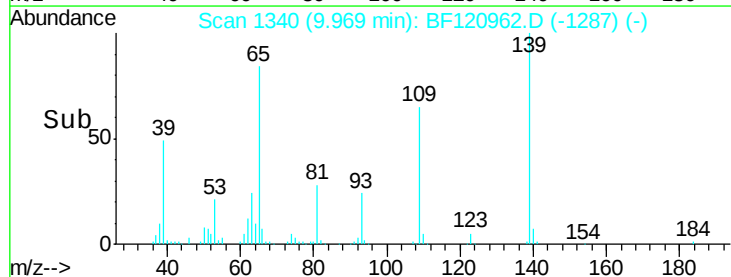
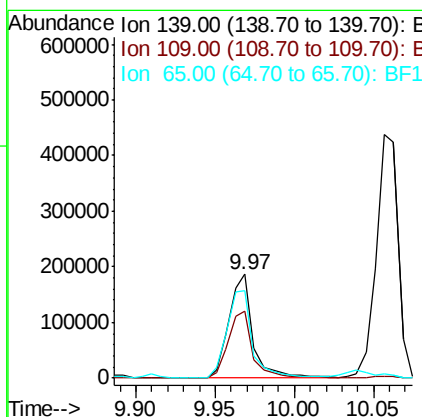
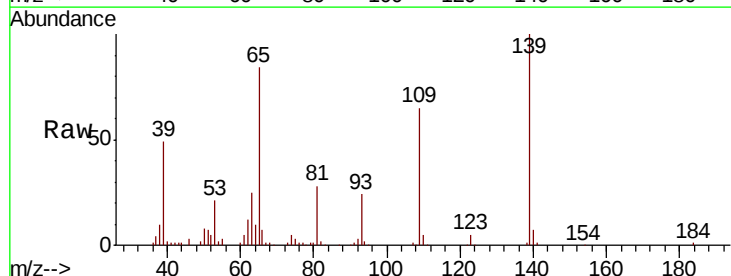
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

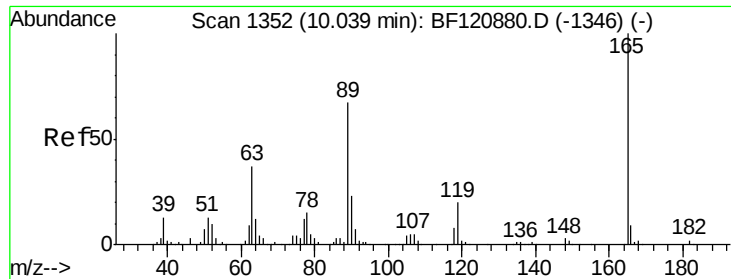
Tot Ion:168 Resp: 1148779
Ion Ratio Lower Upper
168 100
139 35.5 29.7 44.5
169 13.5 11.1 16.7



#56
4-Nitrophenol
Concen: 38.998 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

Tgt Ion:139 Resp: 195992
Ion Ratio Lower Upper
139 100
109 64.6 47.3 87.3
65 84.3 67.2 107.2

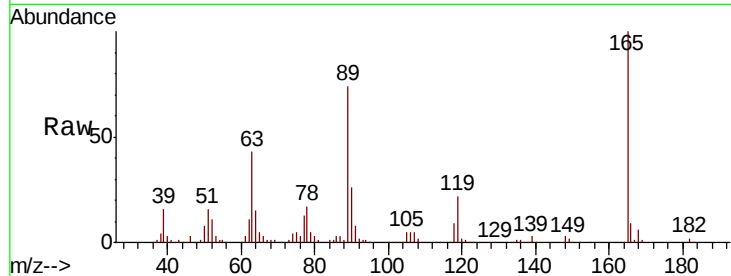




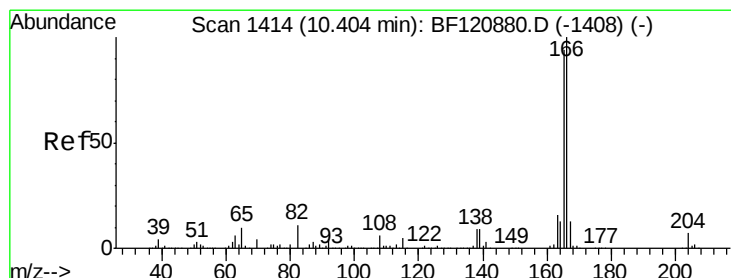
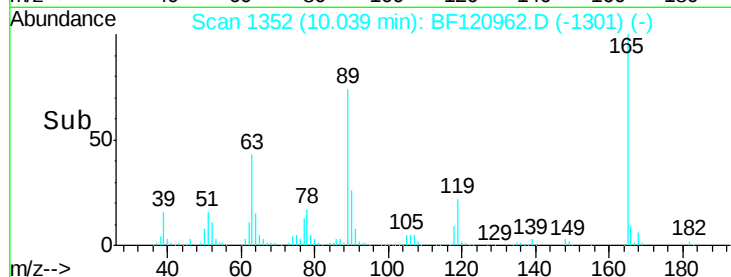
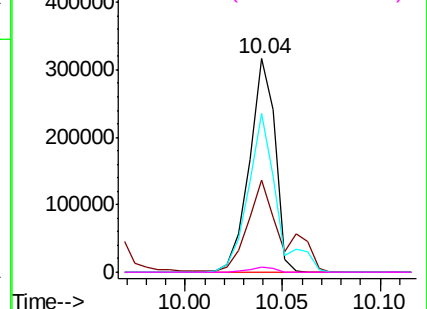
#57
2,4-Dinitrotoluene
Concen: 41.503 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165	Resp:	287510
Ion Ratio	Lower	Upper
165	100	
63	43.3	29.4 44.2
89	74.4	53.4 80.0
182	2.3	1.8 2.6

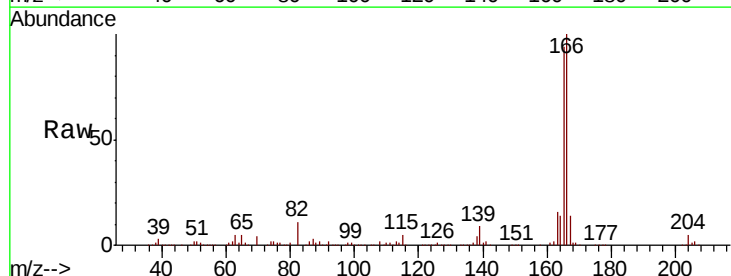


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

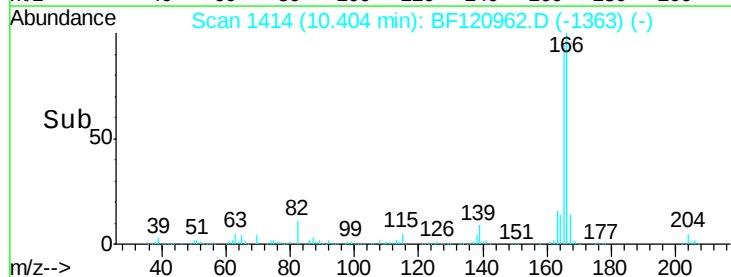
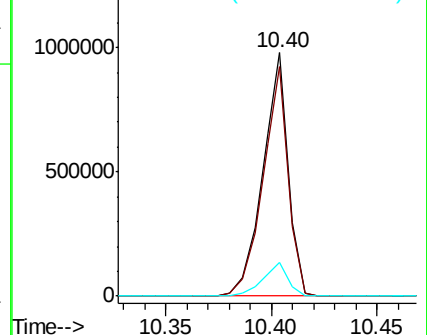


#58
Fluorene
Concen: 36.108 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

Tgt Ion:166	Resp:	814149
Ion Ratio	Lower	Upper
166	100	
165	94.3	75.4 113.0
167	13.6	10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

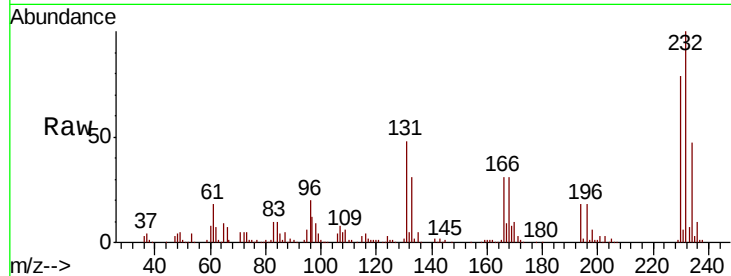




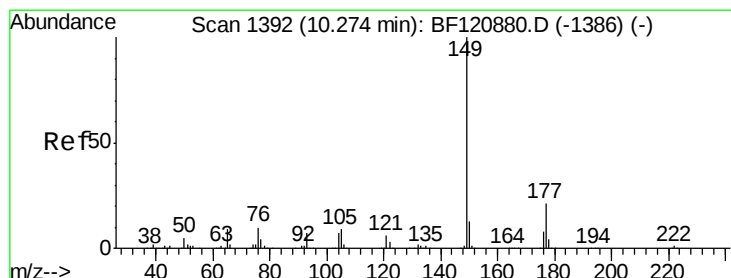
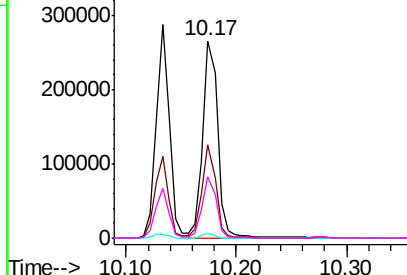
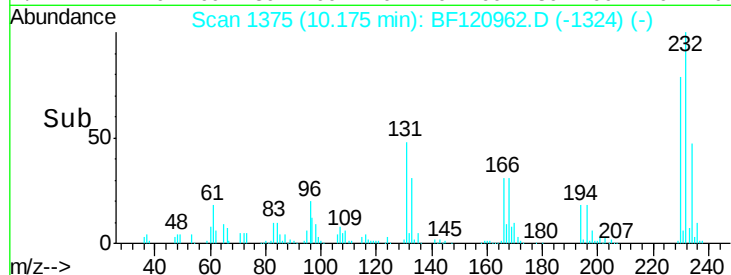
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.217 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF120962.D
 Acq: 22 Jul 2020 11:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 242509
 Ion Ratio Lower Upper
 232 100
 131 44.2 37.1 55.7
 130 2.2 1.7 2.5
 166 30.0 24.2 36.4

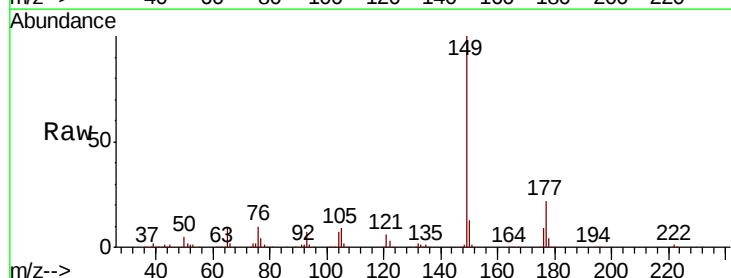


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

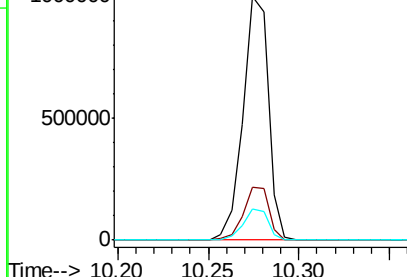
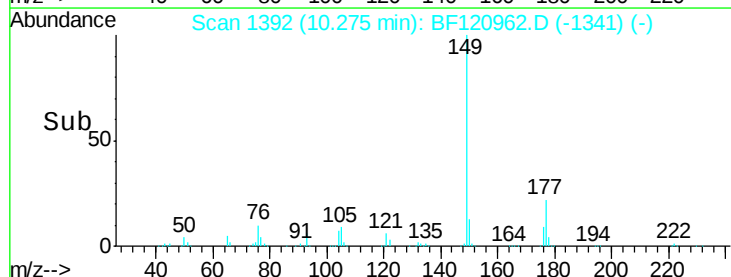


#60
 Diethylphthalate
 Concen: 39.053 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF120962.D
 Acq: 22 Jul 2020 11:22

Tgt Ion:149 Resp: 969913
 Ion Ratio Lower Upper
 149 100
 177 21.7 17.1 25.7
 150 12.9 10.3 15.5



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

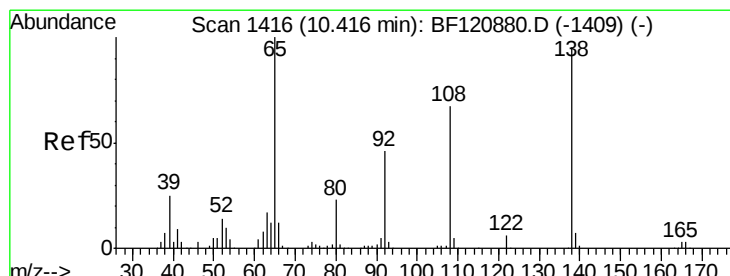
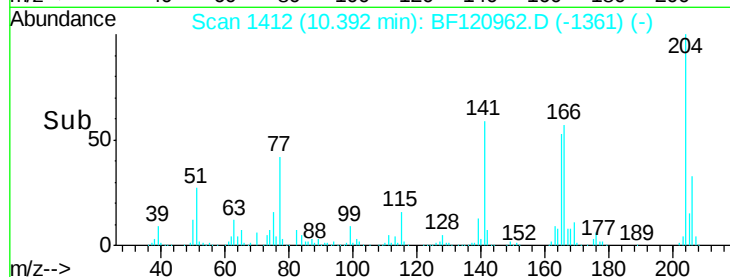
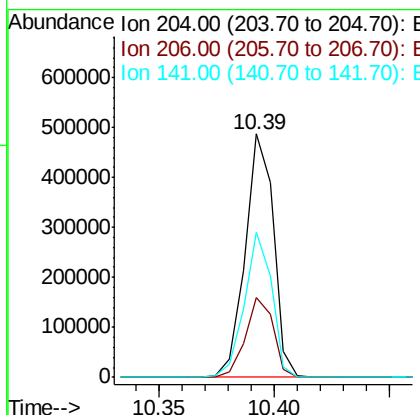
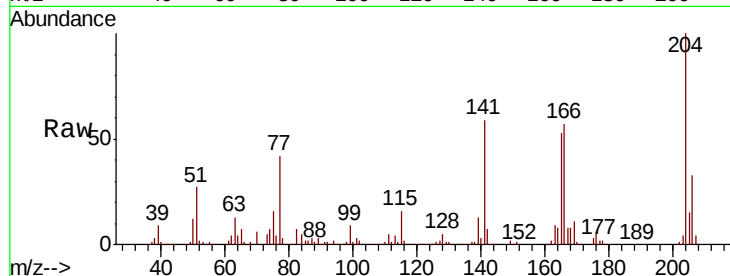




#61
4-Chlorophenyl-phenylether
Concen: 34.777 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

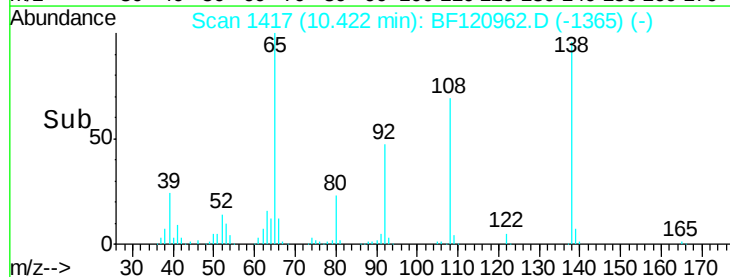
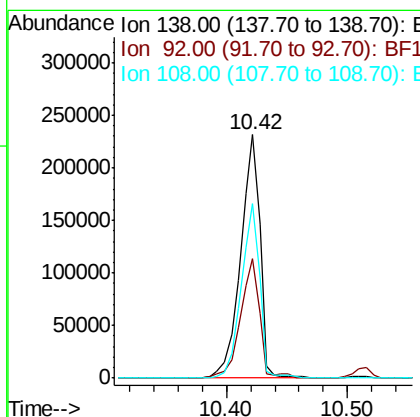
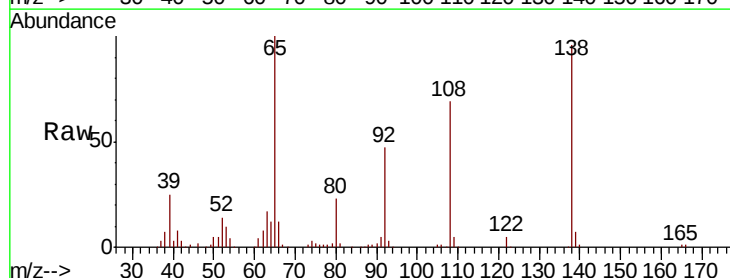
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

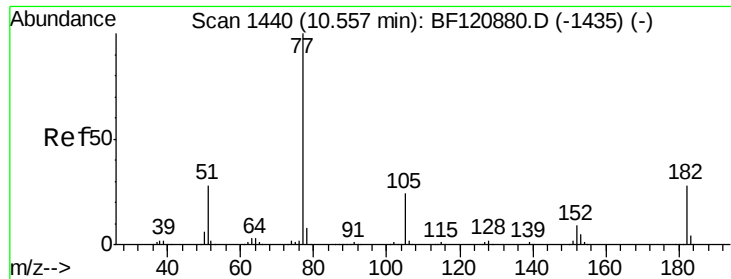
Tot Ion:204 Resp: 418242
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 59.3 47.2 70.8



#62
4-Nitroaniline
Concen: 40.274 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

Tgt Ion:138 Resp: 259550
Ion Ratio Lower Upper
138 100
92 48.8 28.6 68.6
108 71.8 51.1 91.1





#63

Azobenzene

Concen: 38.232 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 903944

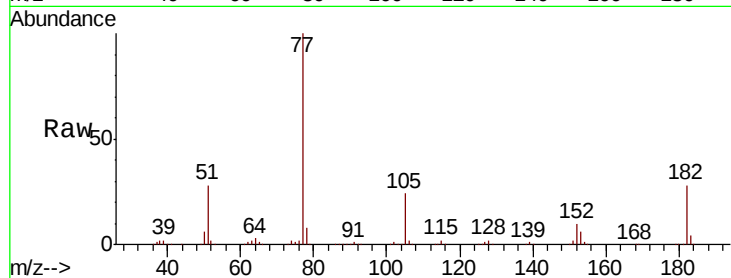
Ion Ratio Lower Upper

77 100

182 27.8 7.8 47.8

105 24.4 4.4 44.4

51 27.7 8.0 48.0

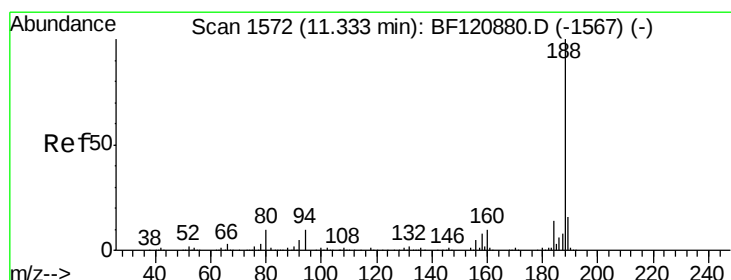
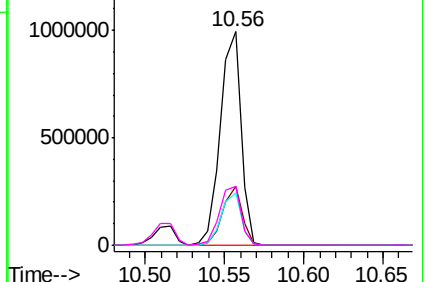
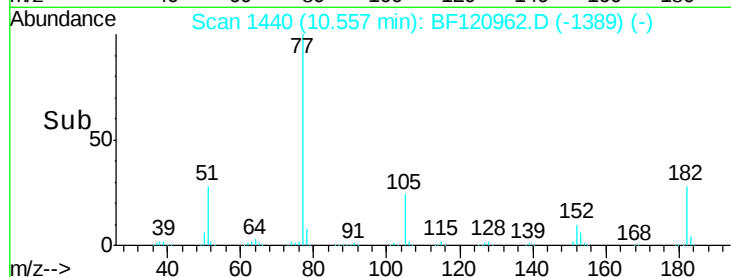


Abundance Ion 77.00 (76.70 to 77.70): BF1

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# 1573

Delta R.T. 0.01 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

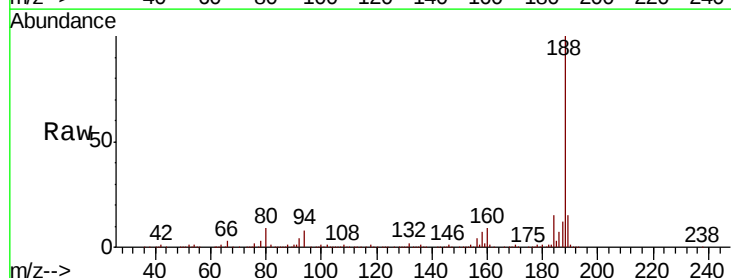
Tgt Ion: 188 Resp: 649861

Ion Ratio Lower Upper

188 100

94 8.4 8.0 12.0

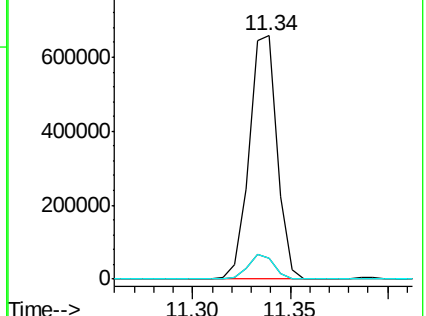
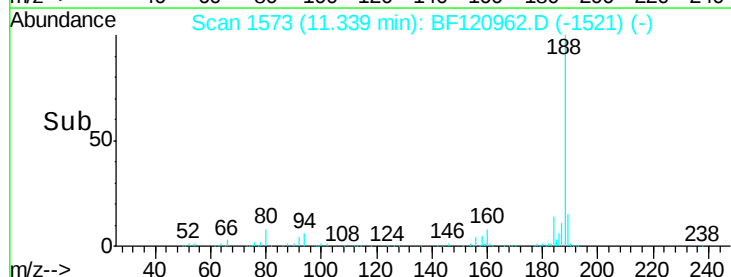
80 8.7 8.3 12.5



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

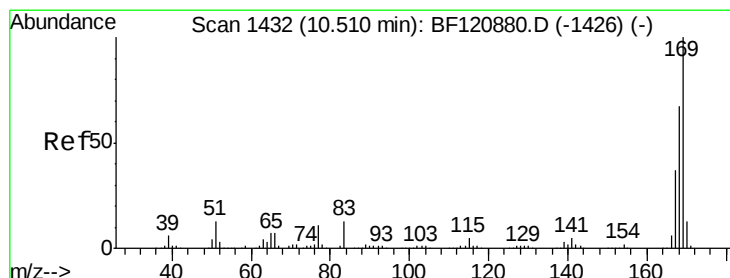
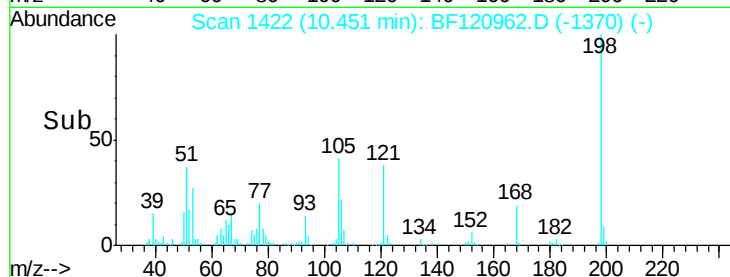
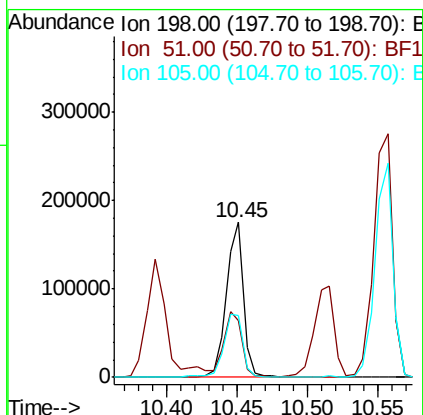
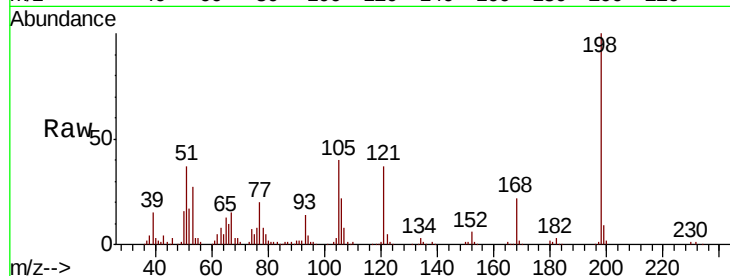




#65
4,6-Dinitro-2-methylphenol
Concen: 39.881 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

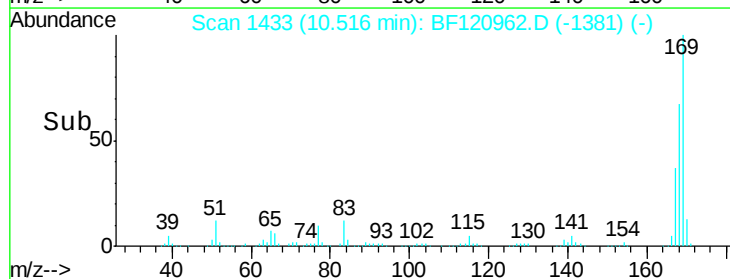
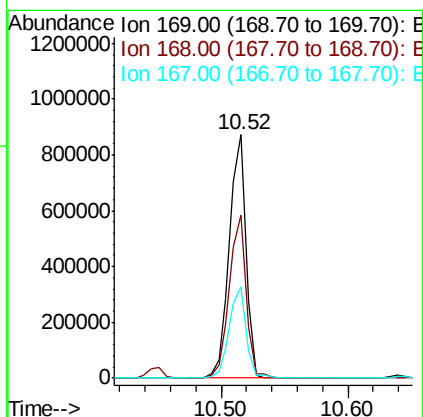
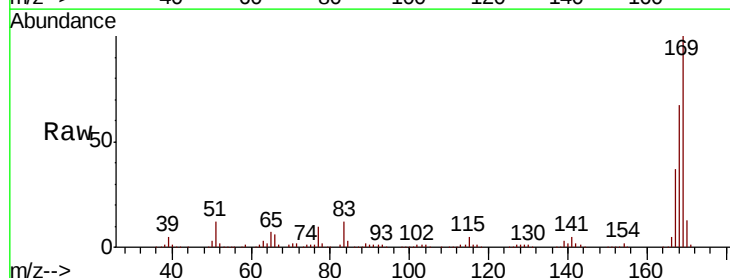
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

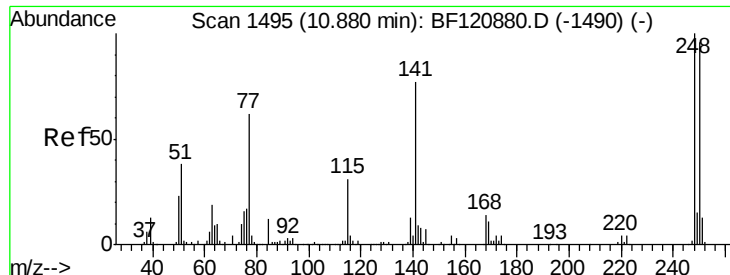
Tot Ion:198 Resp: 147339
Ion Ratio Lower Upper
198 100
51 36.6 19.5 59.5
105 40.3 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 38.679 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

Tgt Ion:169 Resp: 790735
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.0
167 37.3 29.4 44.0

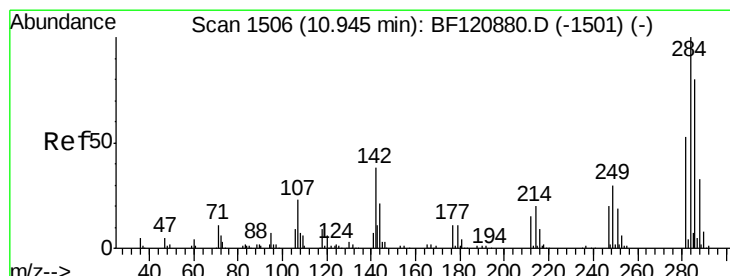
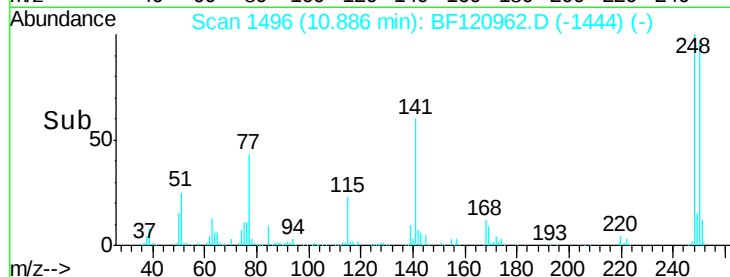
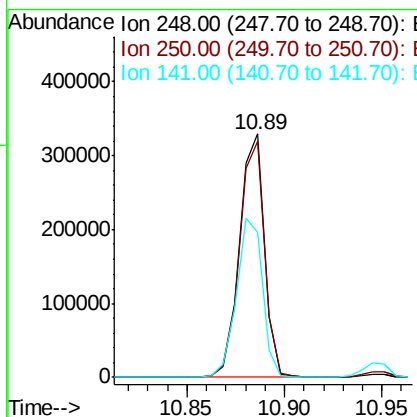
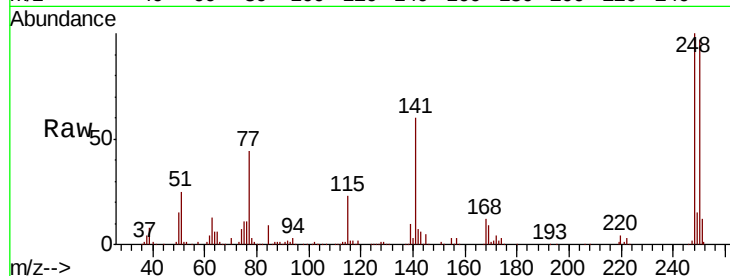




#67
 4-Bromophenyl-phenylether
 Concen: 40.278 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120962.D
 Acq: 22 Jul 2020 11:22

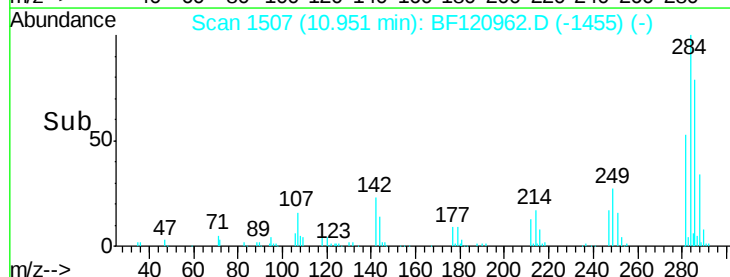
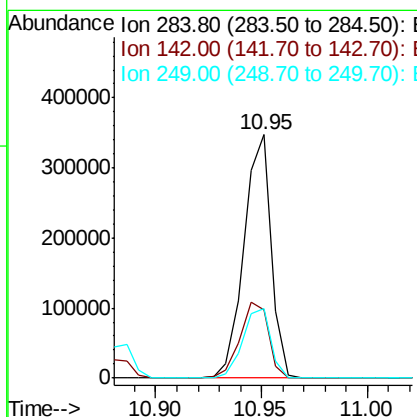
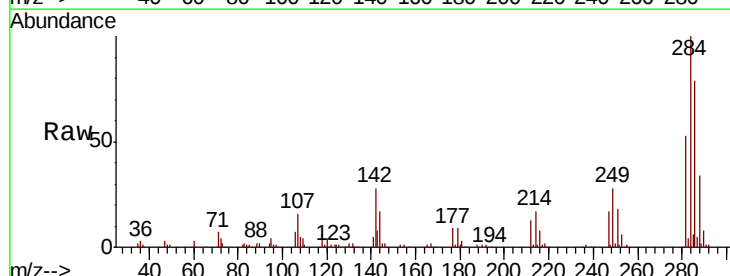
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

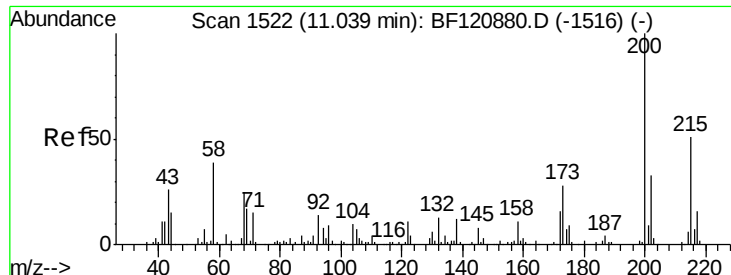
Tot Ion:248	Resp:	291829
Ion Ratio	Lower	Upper
248	100	
250	96.8	77.1 115.7
141	59.8	61.2 91.8#



#68
 Hexachlorobenzene
 Concen: 39.674 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120962.D
 Acq: 22 Jul 2020 11:22

Tgt Ion:284	Resp:	310951
Ion Ratio	Lower	Upper
284	100	
142	27.9	30.2 45.2#
249	28.4	24.2 36.2

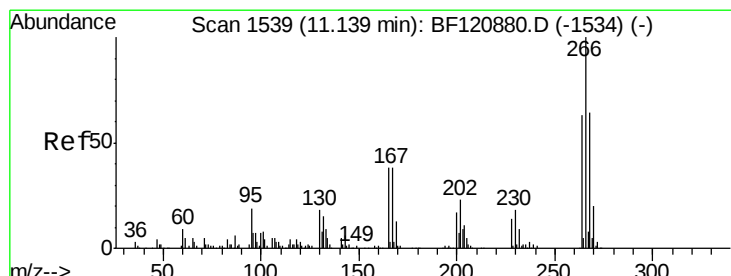
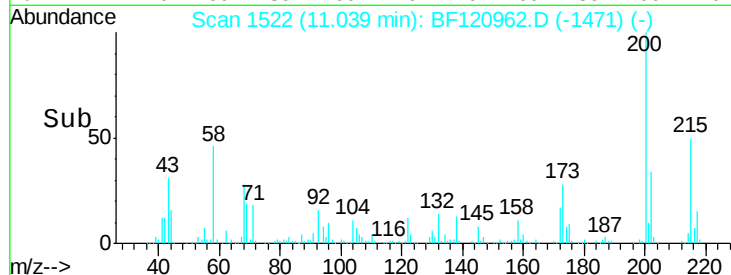
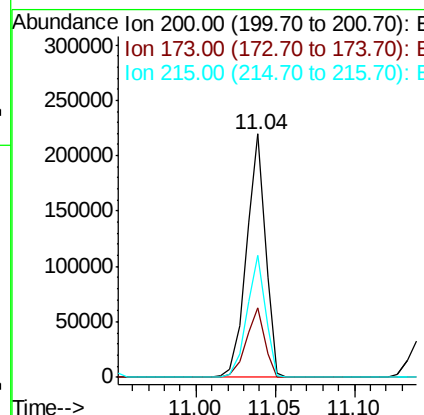
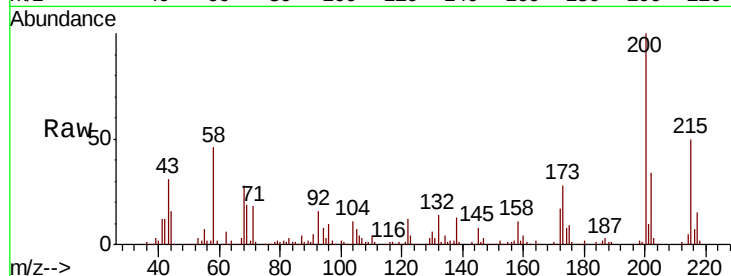




#69
Atrazine
Concen: 35.677 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

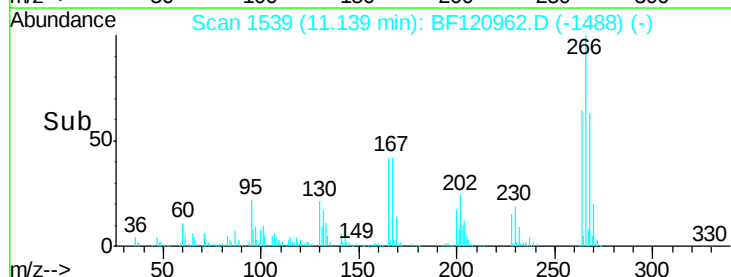
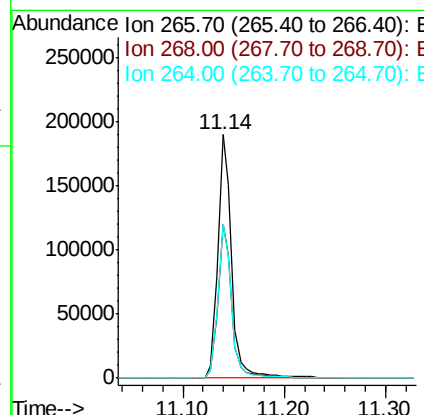
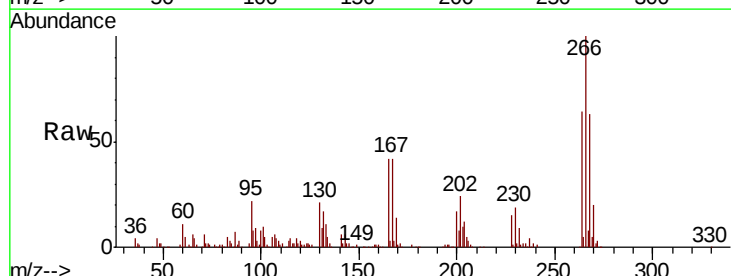
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

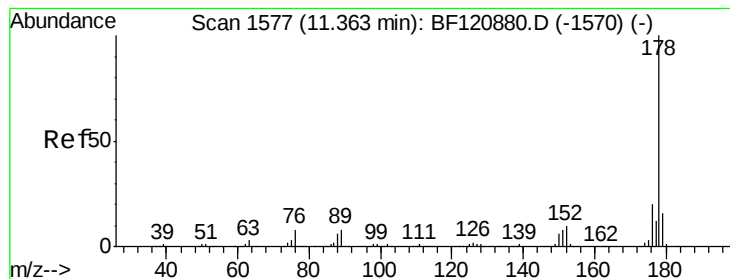
Tot Ion:200 Resp: 180632
Ion Ratio Lower Upper
200 100
173 28.4 8.0 48.0
215 50.0 31.5 71.5



#70
Pentachlorophenol
Concen: 40.263 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

Tgt Ion:266 Resp: 180785
Ion Ratio Lower Upper
266 100
268 63.2 51.1 76.7
264 63.5 50.2 75.2





#71

Phenanthrene

Concen: 37.796 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Instrument :

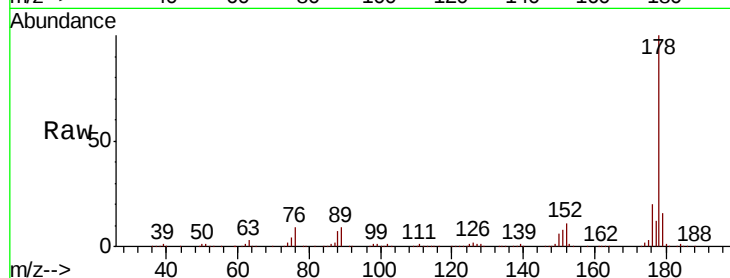
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1263245

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	16.0	12.8	19.2

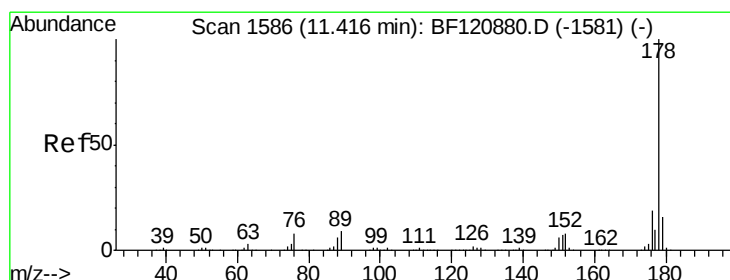
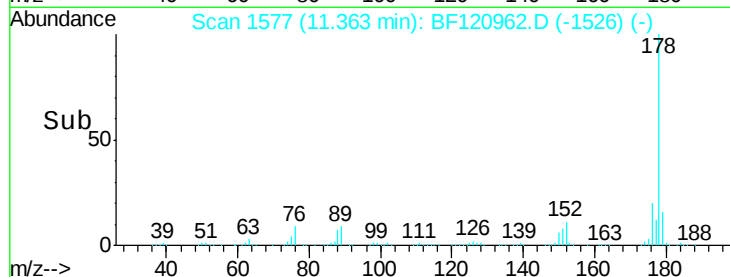
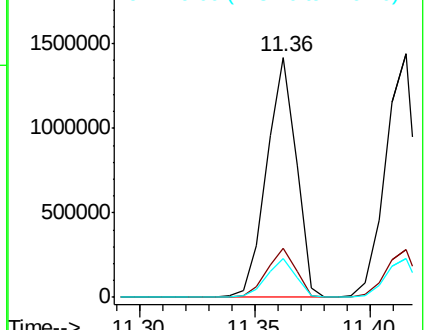


Abundance

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



#72

Anthracene

Concen: 38.613 ng

RT: 11.42 min Scan# 1586

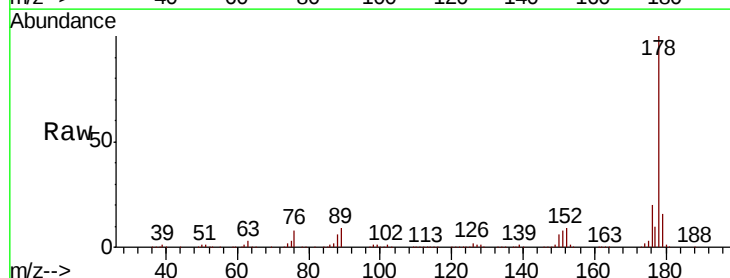
Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Tgt Ion:178 Resp: 1295887

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	16.0	12.8	19.2

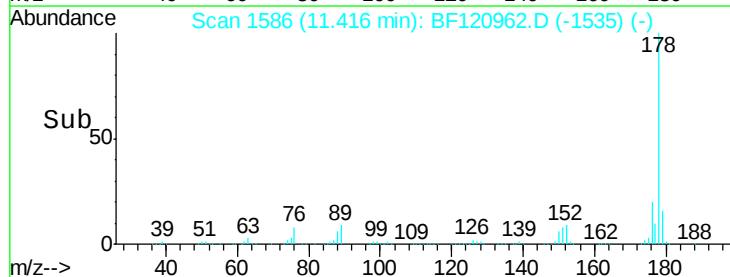
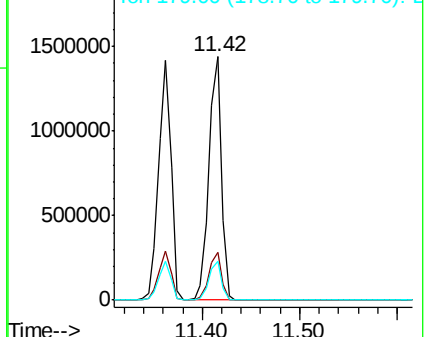


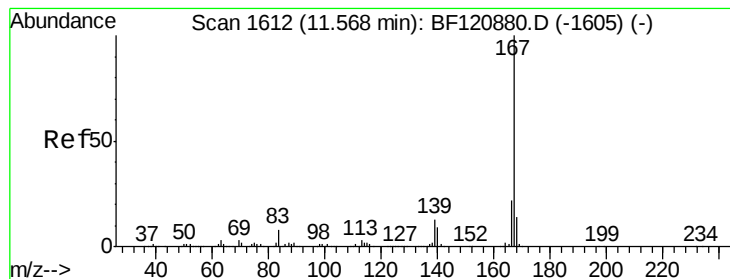
Abundance

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: 38.402 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

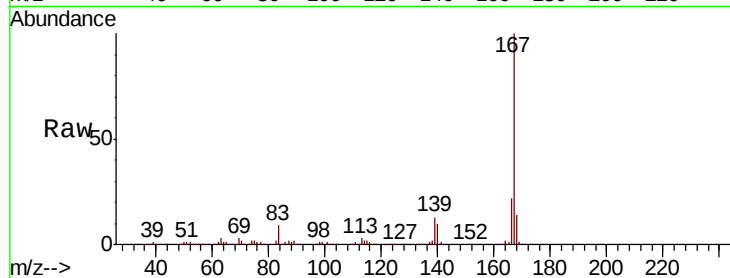
Tot Ion:167 Resp: 1279030

Ion Ratio Lower Upper

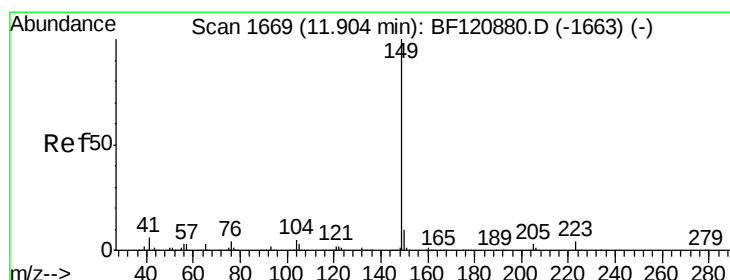
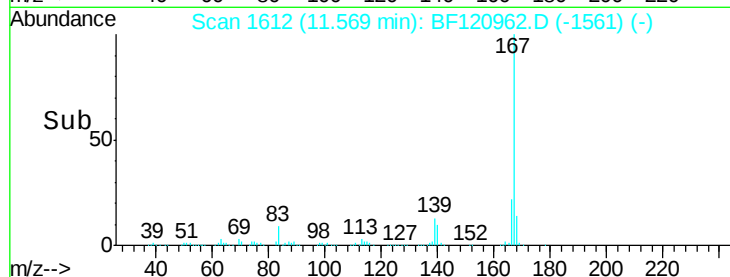
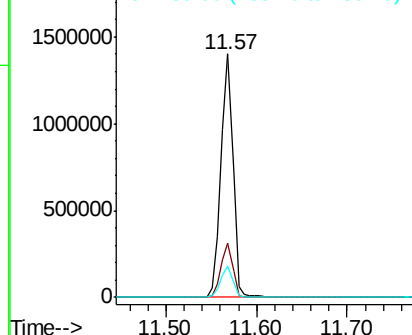
167 100

166 22.3 17.7 26.5

139 13.0 10.1 15.1



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



#74

Di-n-butylphthalate

Concen: 39.714 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

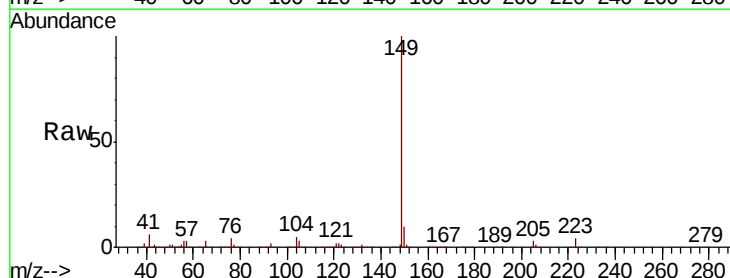
Tgt Ion:149 Resp: 1526403

Ion Ratio Lower Upper

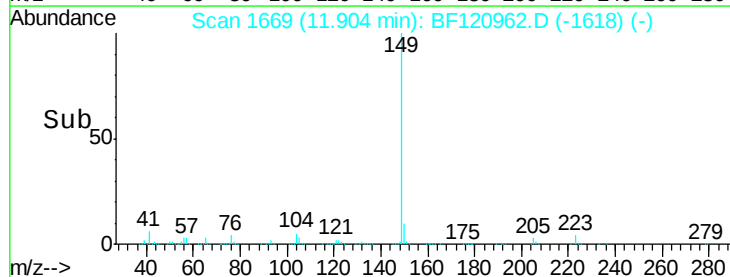
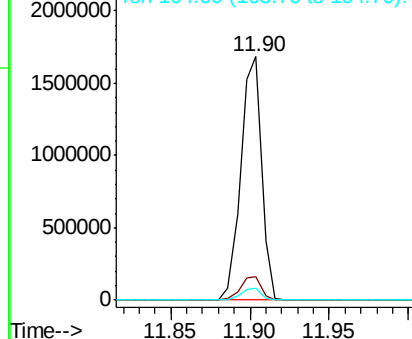
149 100

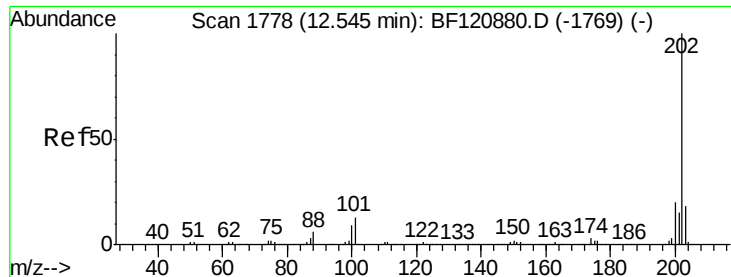
150 9.7 7.8 11.6

104 4.7 3.8 5.6



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

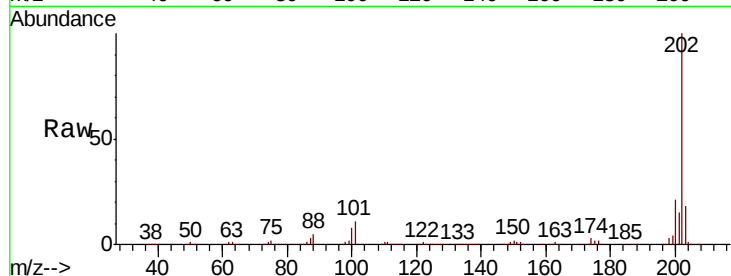




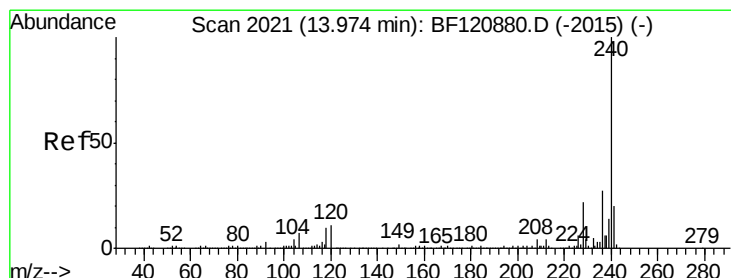
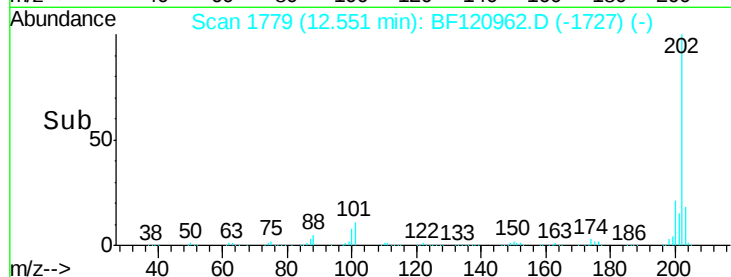
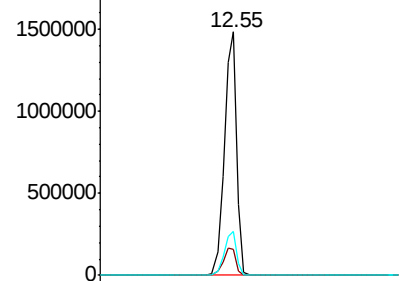
#75
Fluoranthene
Concen: 38.259 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1417351
Ion Ratio Lower Upper
202 100
101 10.7 0.0 32.7
203 18.0 0.0 38.0

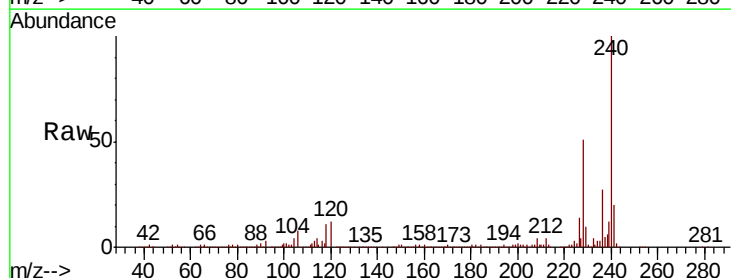


Abundance Ion 202.00 (201.70 to 202.70): E
2000000 Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

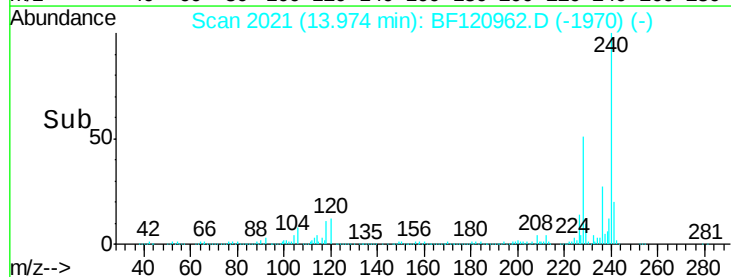
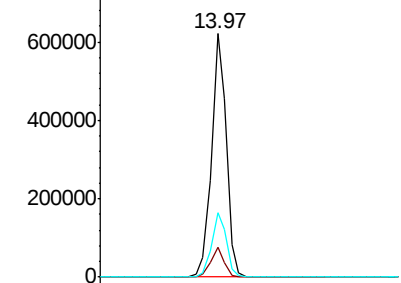


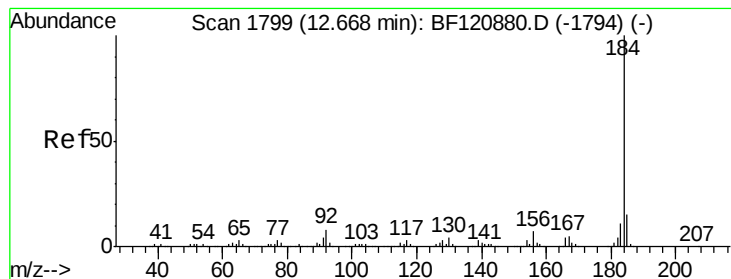
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

Tgt Ion:240 Resp: 523736
Ion Ratio Lower Upper
240 100
120 12.3 9.0 13.4
236 26.6 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
800000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.213 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

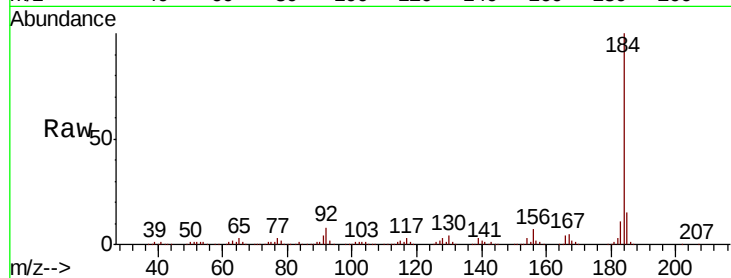
Tot Ion:184 Resp: 581268

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

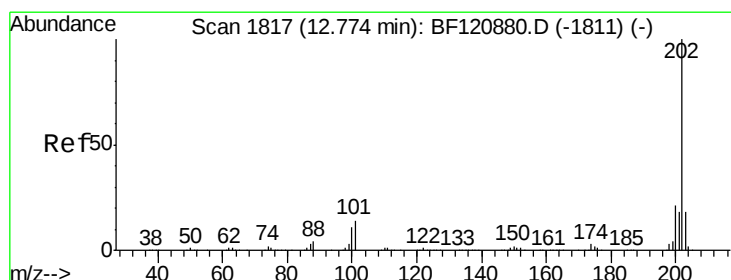
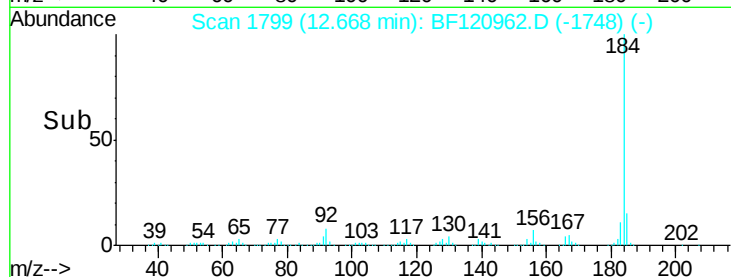
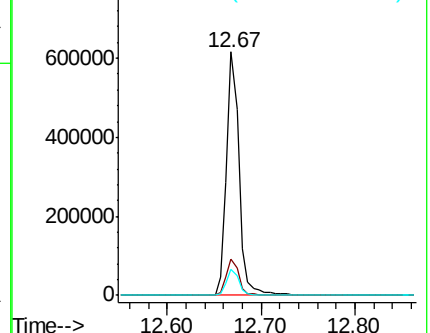
183 10.8 8.5 12.7



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: 39.612 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

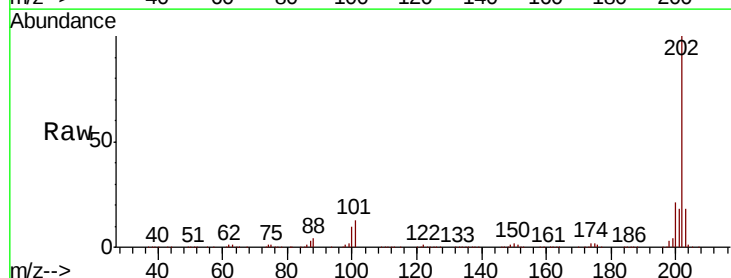
Tgt Ion:202 Resp: 1466762

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

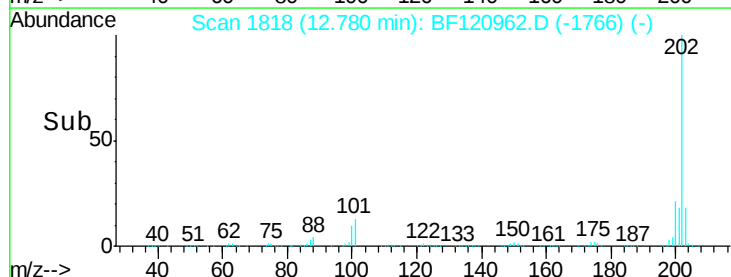
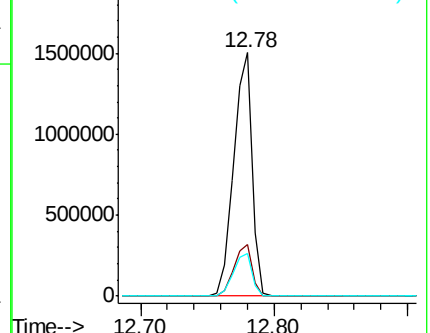
203 17.7 14.4 21.6

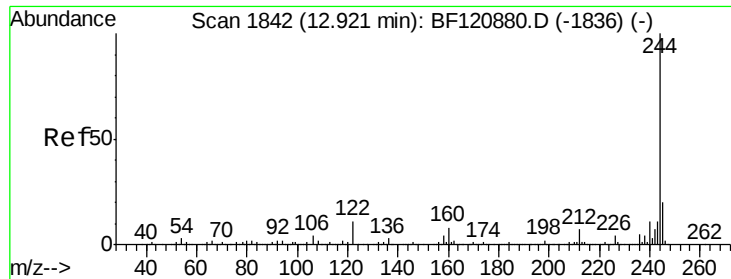


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.844 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

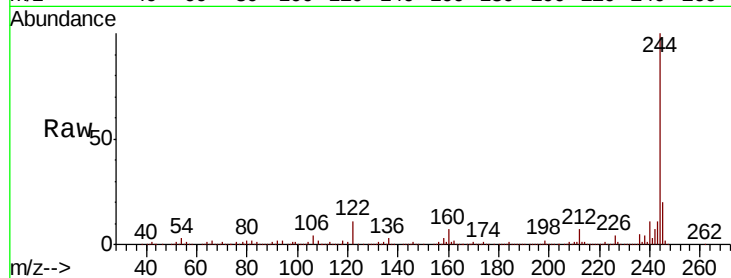
Tot Ion:244 Resp: 1755053

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

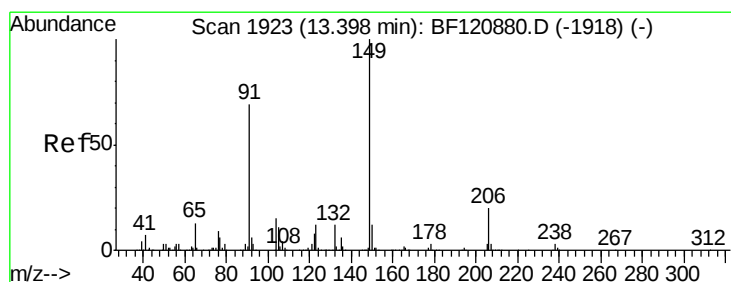
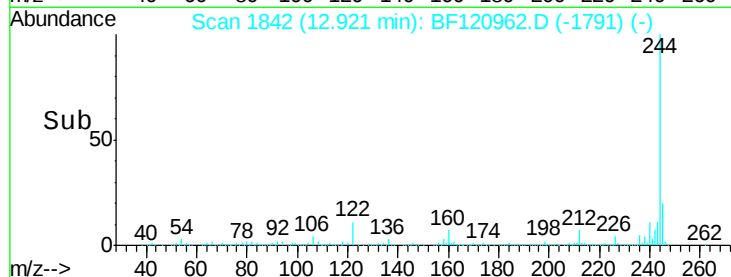
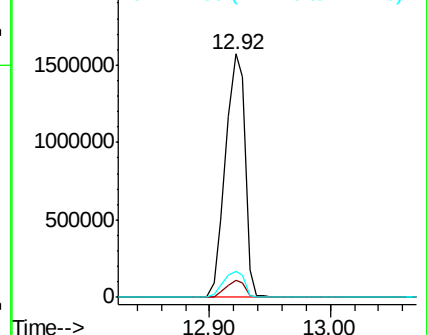
122 10.9 8.9 13.3



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: 41.684 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

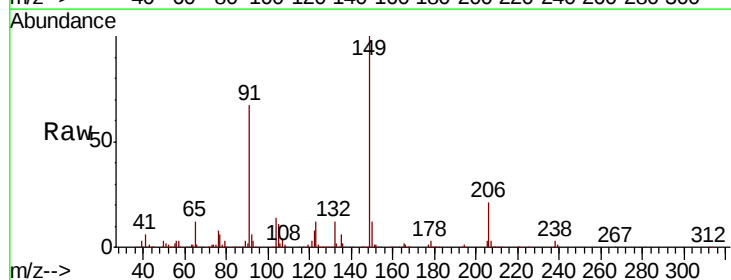
Tgt Ion:149 Resp: 688065

Ion Ratio Lower Upper

149 100

91 66.5 55.1 82.7

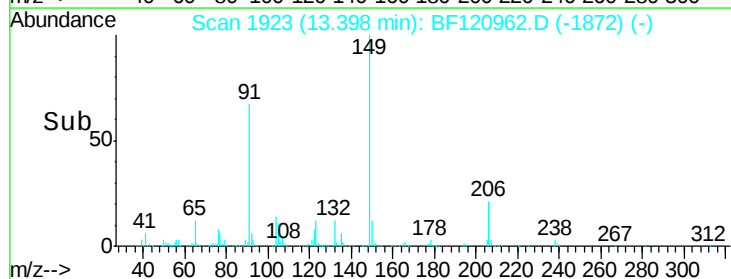
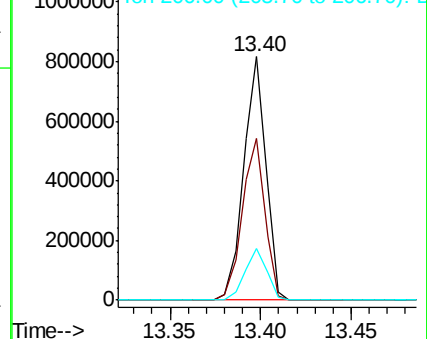
206 21.0 16.1 24.1



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: 37.331 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

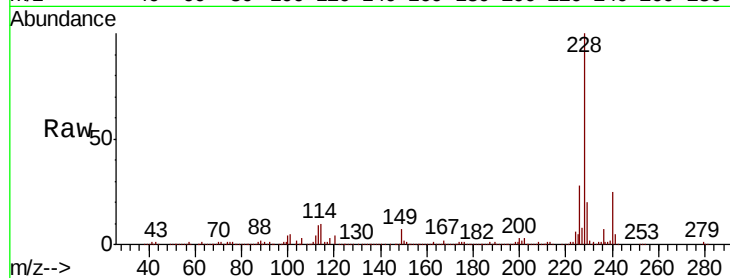
Tot Ion:228 Resp: 1183936

Ion Ratio Lower Upper

228 100

226 28.4 22.3 33.5

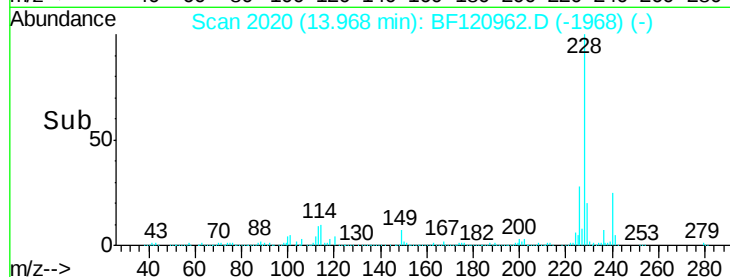
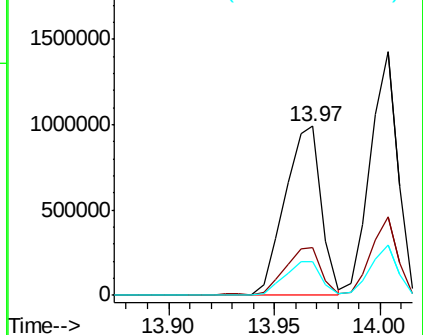
229 20.1 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.494 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

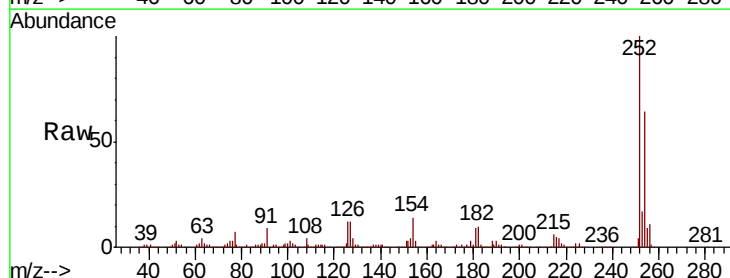
Tgt Ion:252 Resp: 496482

Ion Ratio Lower Upper

252 100

254 63.7 51.2 76.8

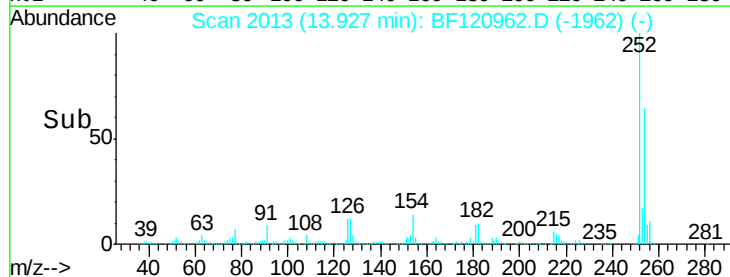
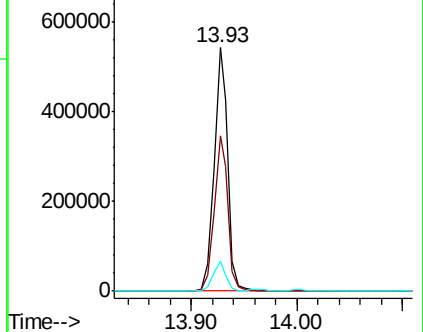
126 12.4 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.768 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

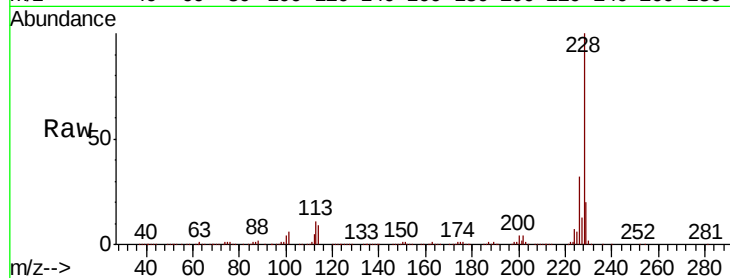
Tot Ion:228 Resp: 1292092

Ion Ratio Lower Upper

228 100

226 32.1 25.6 38.4

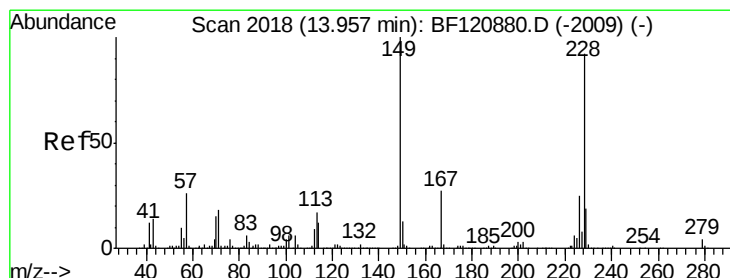
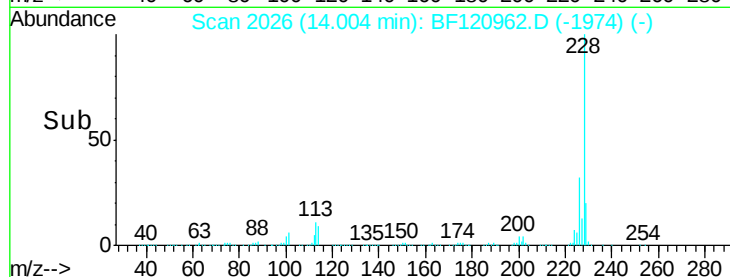
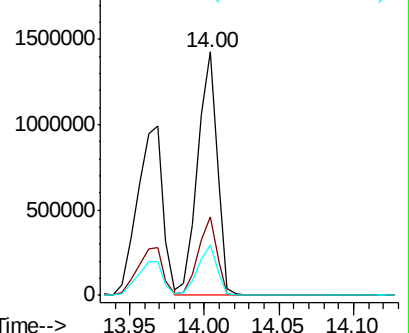
229 20.5 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.614 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF120962.D

Acq: 22 Jul 2020 11:22

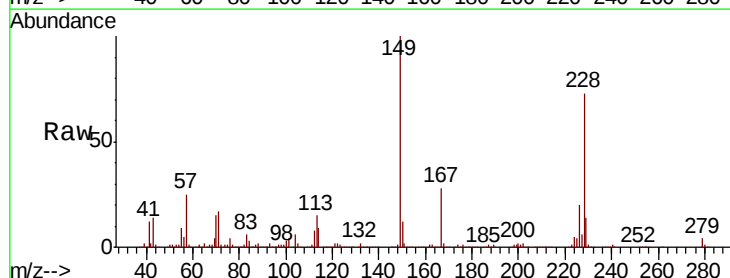
Tgt Ion:149 Resp: 826681

Ion Ratio Lower Upper

149 100

167 27.6 21.9 32.9

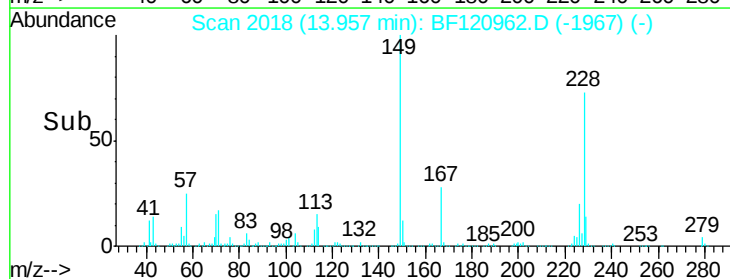
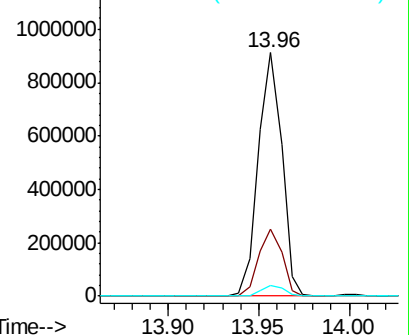
279 4.1 3.0 4.4

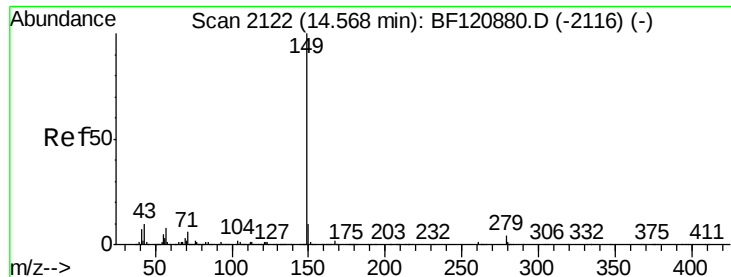


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

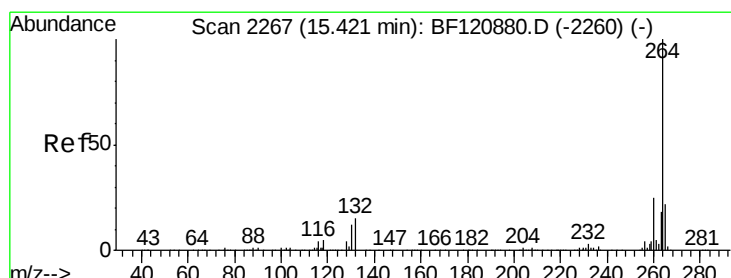
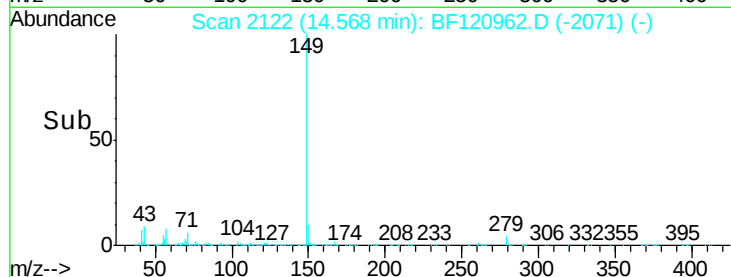
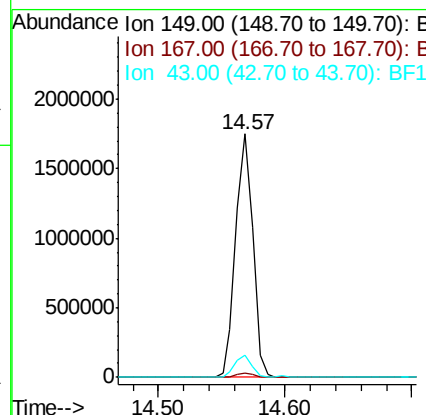
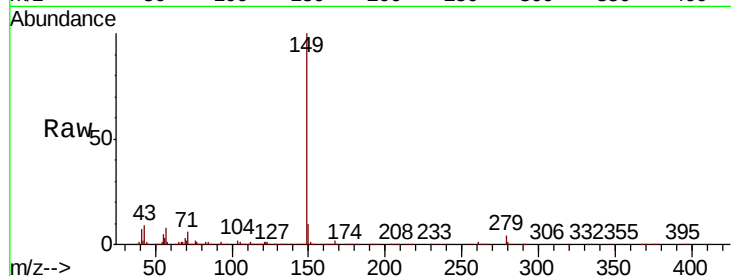




#85
Di-n-octyl phthalate
Concen: 40.383 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

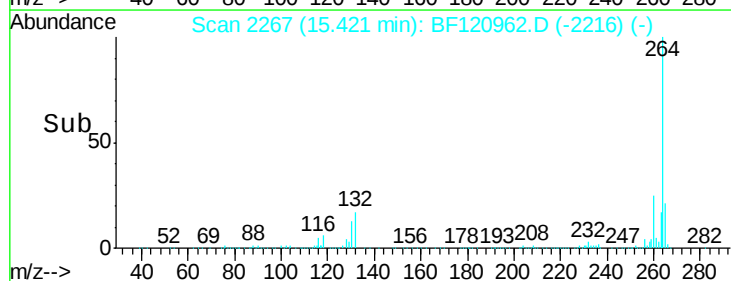
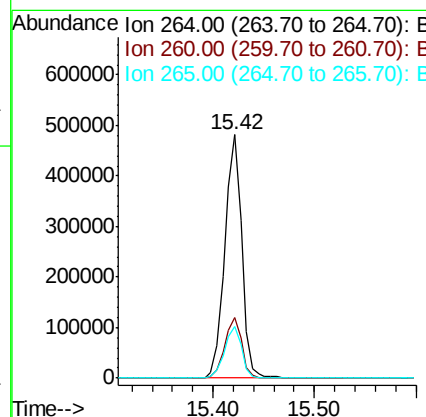
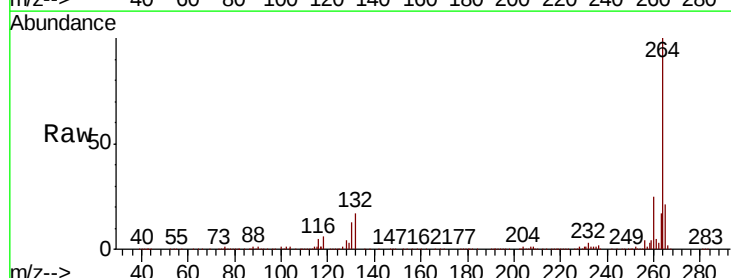
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1635344
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.2 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

Tgt Ion:264 Resp: 561421
Ion Ratio Lower Upper
264 100
260 24.8 20.0 30.0
265 21.4 17.4 26.2



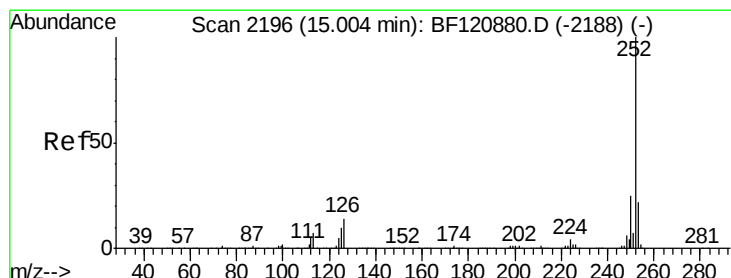
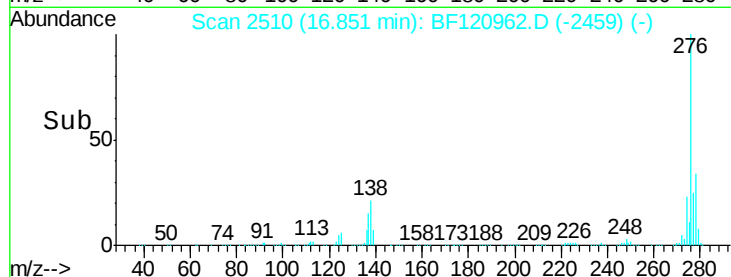
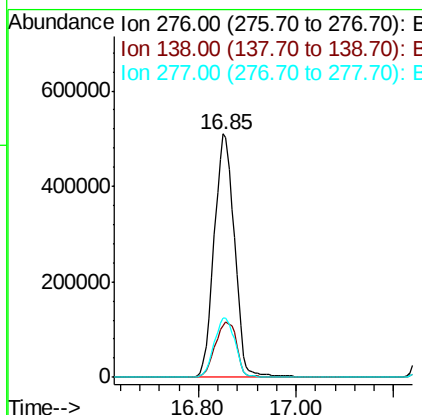
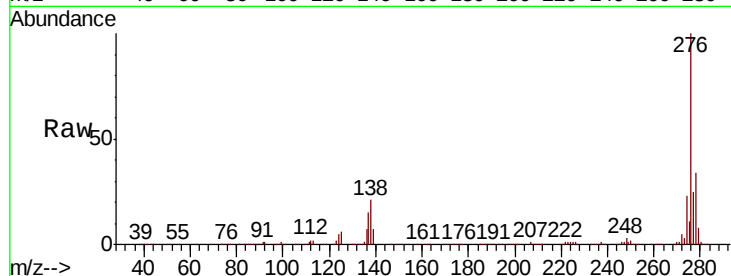


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.805 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF120962.D
 Acq: 22 Jul 2020 11:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 1476088

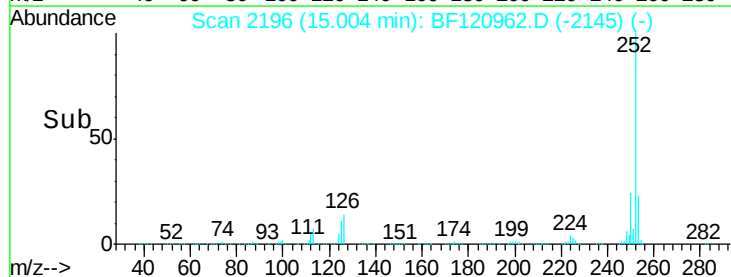
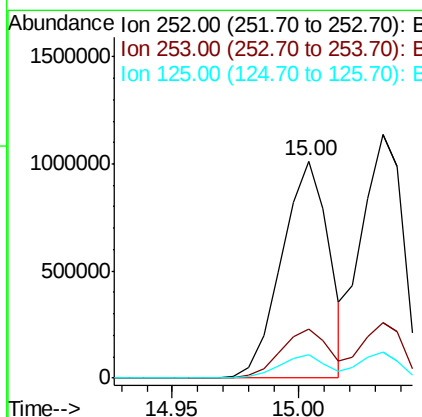
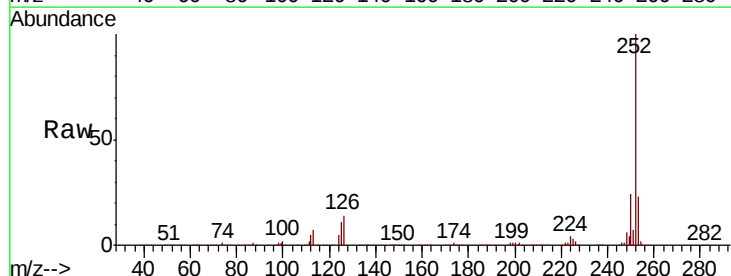
Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.8	29.8
277	25.3	20.2	30.2

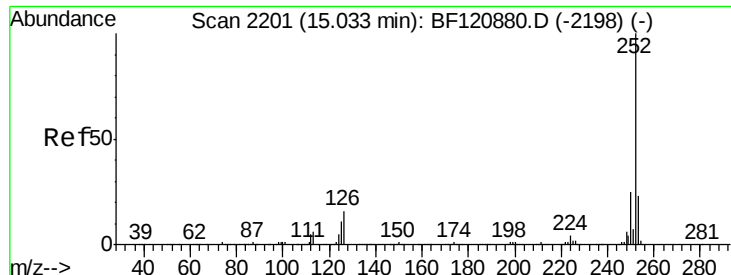


#88
 Benzo(b)fluoranthene
 Concen: 38.834 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120962.D
 Acq: 22 Jul 2020 11:22

Tgt Ion:252 Resp: 1317864

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	10.8	8.3	12.5

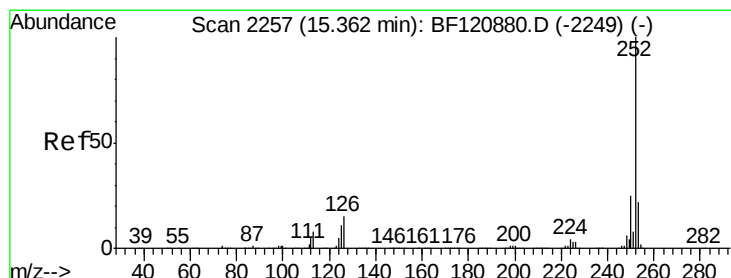
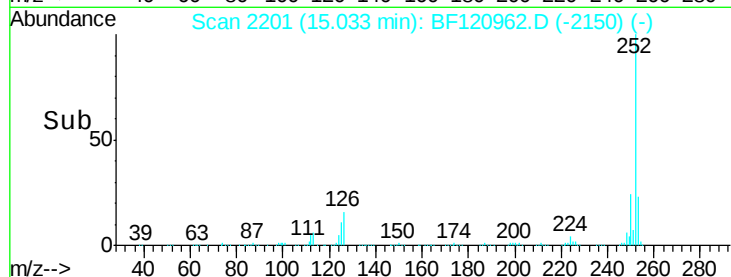
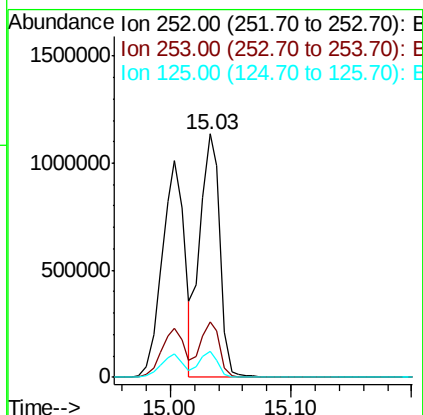
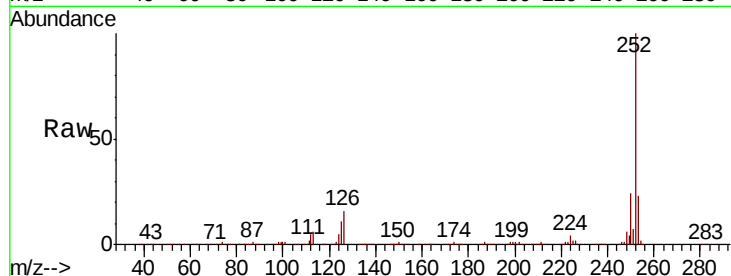




#89
Benzo(k)fluoranthene
Concen: 41.869 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

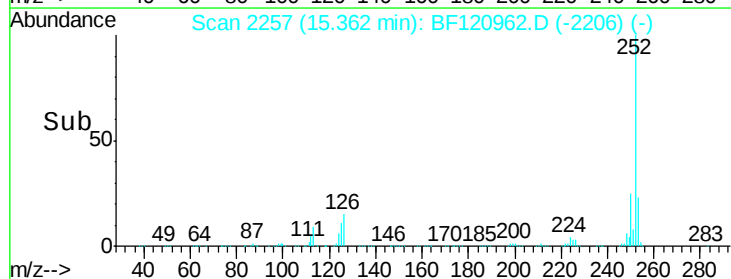
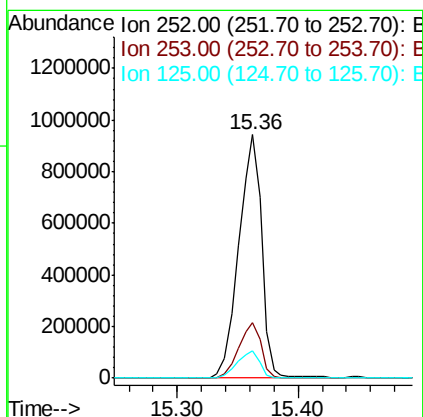
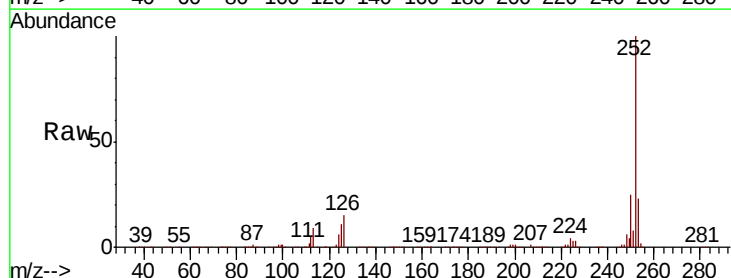
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

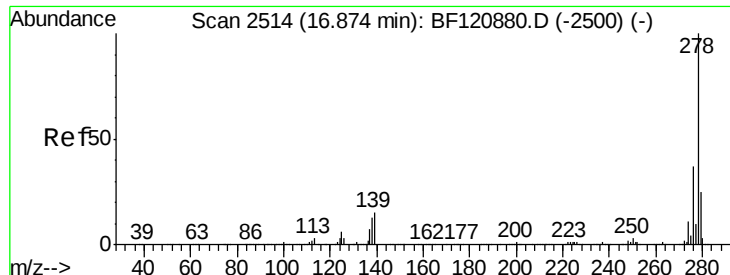
Tot Ion:252 Resp: 1295805
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 10.6 8.4 12.6



#90
Benzo(a)pyrene
Concen: 40.339 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

Tgt Ion:252 Resp: 1248961
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 11.3 8.9 13.3

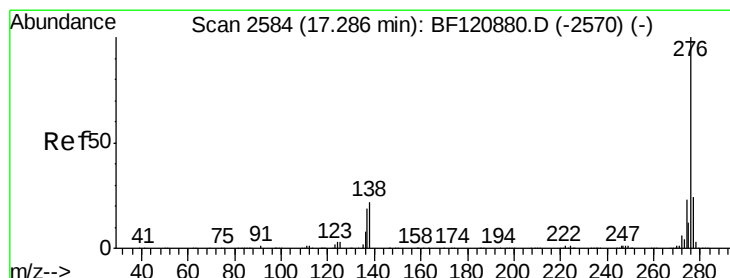
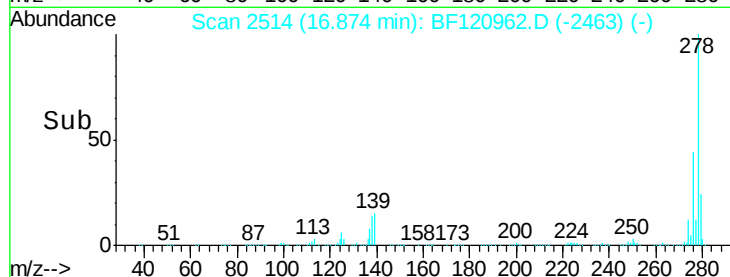
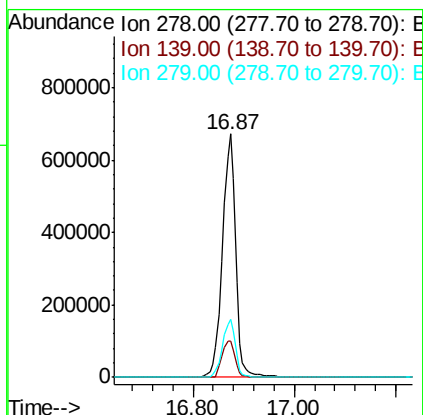
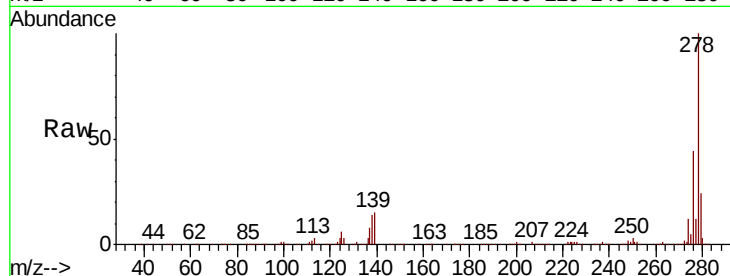




#91
Dibenzo(a,h)anthracene
Concen: 38.480 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1227279
Ion Ratio Lower Upper
278 100
139 15.1 12.3 18.5
279 24.0 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 36.663 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF120962.D
Acq: 22 Jul 2020 11:22

Tgt Ion:276 Resp: 1152952
Ion Ratio Lower Upper
276 100
277 24.5 18.8 28.2
138 21.4 17.5 26.3

