

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120990.D
 Acq On : 23 Jul 2020 19:54
 Operator : JU/CG
 Sample : PB130431BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 00:46:40 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	6.81	152	155537	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	607697	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	316319	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	612934	20.00	ng	0.00
76) Chrysene-d12	13.97	240	472022	20.00	ng	0.00
86) Perylene-d12	15.42	264	473845	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1037468	109.35	ng	0.01
7) Phenol-d6	6.45	99	1288631	105.15	ng	0.00
23) Nitrobenzene-d5	7.37	82	811663	77.28	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	402800	116.33	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1501852	70.89	ng	0.00
79) Terphenyl-d14	12.92	244	1608143	74.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	152883	35.012	ng	100
3) Pyridine	3.33	79	362649	31.220	ng	99
4) n-Nitrosodimethylamine	3.27	42	192389	38.733	ng	96
6) Aniline	6.47	93	541183	33.829	ng	99
8) 2-Chlorophenol	6.60	128	437317	41.841	ng	98
9) Benzaldehyde	6.36	77	308173	58.659	ng	98
10) Phenol	6.46	94	525916	39.010	ng	94
11) bis(2-Chloroethyl)ether	6.55	93	409584	39.642	ng	98
12) 1,3-Dichlorobenzene	6.75	146	440482	38.865	ng	99
13) 1,4-Dichlorobenzene	6.83	146	445423	39.524	ng	99
14) 1,2-Dichlorobenzene	6.98	146	430673	40.395	ng	98
15) Benzyl Alcohol	6.96	79	344426	39.740	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	573746	38.526	ng	99
17) 2-Methylphenol	7.07	107	343442	37.073	ng	99
18) Hexachloroethane	7.33	117	163908	40.184	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	271880	39.013	ng	98
20) 3+4-Methylphenols	7.22	107	391937	33.259	ng	# 88
22) Acetophenone	7.22	105	539755	39.576	ng	# 93
24) Nitrobenzene	7.39	77	432996	38.252	ng	98
25) Isophorone	7.63	82	806223	38.464	ng	97
26) 2-Nitrophenol	7.71	139	225822	42.006	ng	97
27) 2,4-Dimethylphenol	7.75	122	380441	43.586	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	516899	40.400	ng	98
29) 2,4-Dichlorophenol	7.95	162	359282	40.282	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	387827	39.192	ng	98
31) Naphthalene	8.12	128	1209805	38.811	ng	100
32) Benzoic acid	7.87	122	257802	39.346	ng	98
33) 4-Chloroaniline	8.17	127	373793	26.881	ng	97
34) Hexachlorobutadiene	8.24	225	221569	37.982	ng	99
35) Caprolactam	8.54	113	115239	40.290	ng	93
36) 4-Chloro-3-methylphenol	8.65	107	375621	41.063	ng	99
37) 2-Methylnaphthalene	8.81	142	822057	40.615	ng	99
38) 1-Methylnaphthalene	8.91	142	772293	40.288	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	365835	39.695	ng	99

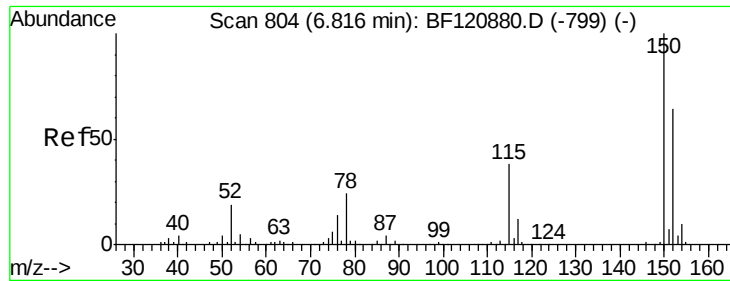
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120990.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	412529	80.990	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	266621	41.088	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	281298	38.216	ng	99
46) 1,1'-Biphenyl	9.27	154	991615	41.097	ng	99
47) 2-Chloronaphthalene	9.30	162	763365	38.804	ng	98
48) 2-Nitroaniline	9.39	65	238295	40.083	ng	98
49) Acenaphthylene	9.72	152	1229879	40.243	ng	100
50) Dimethylphthalate	9.57	163	918727	40.259	ng	98
51) 2,6-Dinitrotoluene	9.63	165	206614	42.142	ng	96
52) Acenaphthene	9.89	154	733207	37.736	ng	99
53) 3-Nitroaniline	9.80	138	168811	27.454	ng	99
54) 2,4-Dinitrophenol	9.91	184	161085	59.039	ng	88
55) Dibenzofuran	10.06	168	1097079	39.045	ng	99
56) 4-Nitrophenol	9.97	139	358347	76.719	ng	99
57) 2,4-Dinitrotoluene	10.04	165	276238	42.905	ng	98
58) Fluorene	10.40	166	798268	38.093	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	242899	43.342	ng	97
60) Diethylphthalate	10.27	149	927868	40.198	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	395473	35.382	ng	96
62) 4-Nitroaniline	10.42	138	228128	38.087	ng	98
63) Azobenzene	10.55	77	875822	39.856	ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	118250	34.508	ng	98
66) n-Nitrosodiphenylamine	10.51	169	782715	40.594	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	266605	39.013	ng	95
68) Hexachlorobenzene	10.95	284	304028	41.128	ng	93
69) Atrazine	11.04	200	227413	47.623	ng	98
70) Pentachlorophenol	11.14	266	349194	82.455	ng	100
71) Phenanthrene	11.36	178	1242789	39.424	ng	100
72) Anthracene	11.41	178	1291593	40.803	ng	99
73) Carbazole	11.56	167	1214673	38.667	ng	100
74) Di-n-butylphthalate	11.90	149	1495929	41.265	ng	100
75) Fluoranthene	12.55	202	1373799	39.317	ng	99
77) Benzidine	12.67	184	778010	62.691	ng	99
78) Pyrene	12.77	202	1399036	41.922	ng	100
80) Butylbenzylphthalate	13.40	149	660527	44.400	ng	94
81) Benzo(a)anthracene	13.96	228	1123306	39.299	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	415782	38.557	ng	99
83) Chrysene	14.00	228	1197736	39.874	ng	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	821198	44.764	ng	100
85) Di-n-octyl phthalate	14.56	149	1630888	44.685	ng	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1294485	39.281	ng	100
88) Benzo(b)fluoranthene	15.00	252	1166831	40.738	ng	99
89) Benzo(k)fluoranthene	15.03	252	1192293	45.644	ng	100
90) Benzo(a)pyrene	15.36	252	1087162	41.603	ng	100
91) Dibenzo(a,h)anthracene	16.86	278	1092086	40.570	ng	99
92) Benzo(g,h,i)perylene	17.27	276	1056367	39.800	ng	98

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

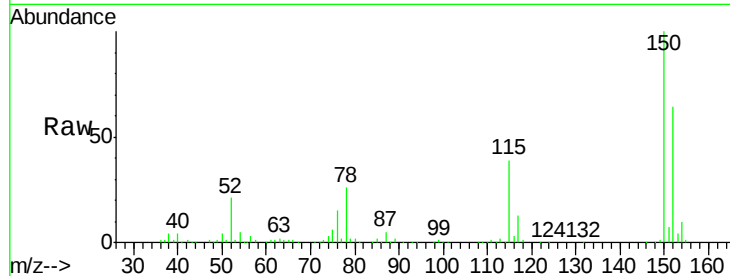


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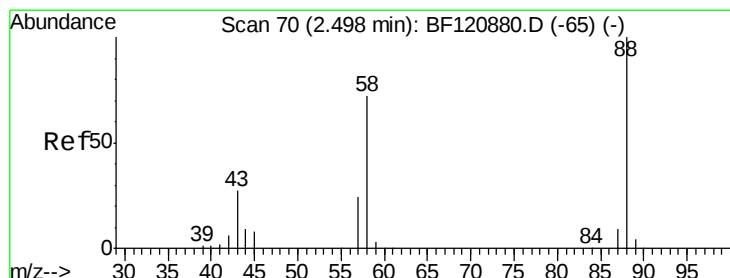
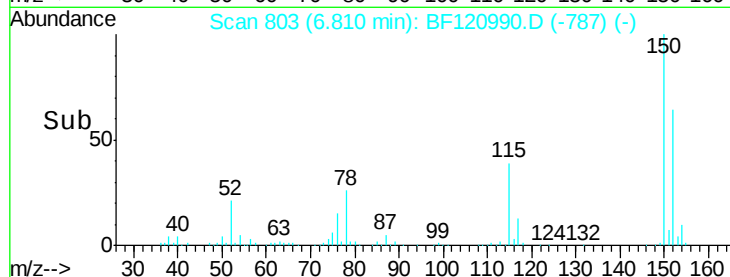
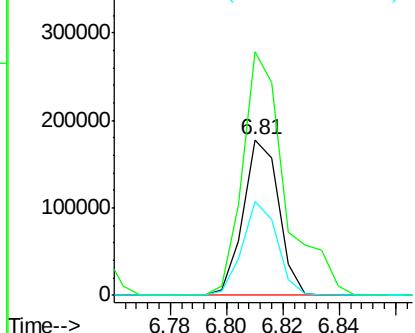
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 155537
Ion Ratio Lower Upper
152 100
150 156.7 125.0 187.6
115 60.6 47.0 70.4



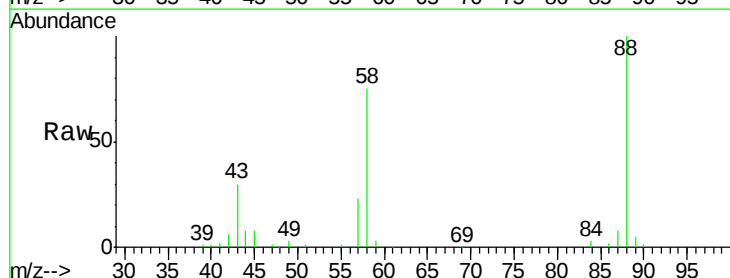
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



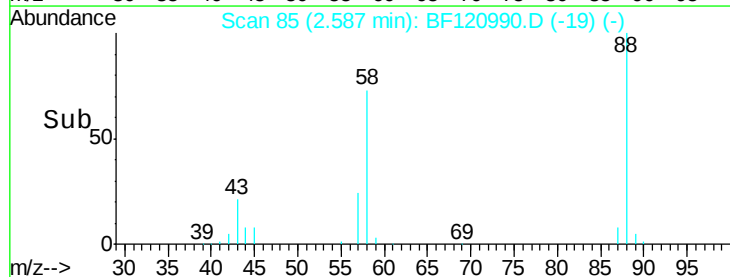
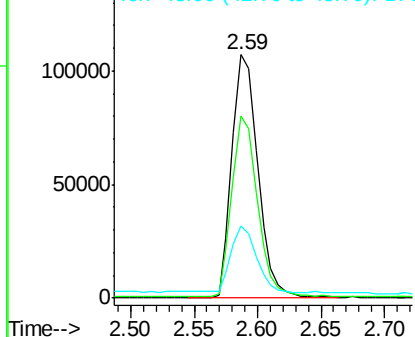
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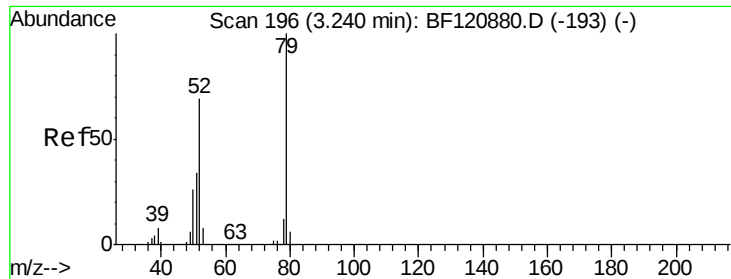
1,4-Dioxane
Concen: 35.012 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.09 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion: 88 Resp: 152883
Ion Ratio Lower Upper
88 100
58 72.9 58.2 87.2
43 27.5 22.1 33.1



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

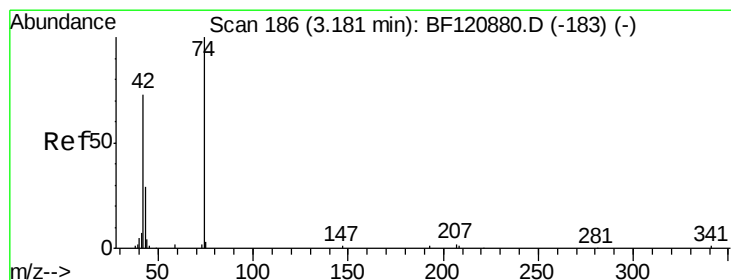
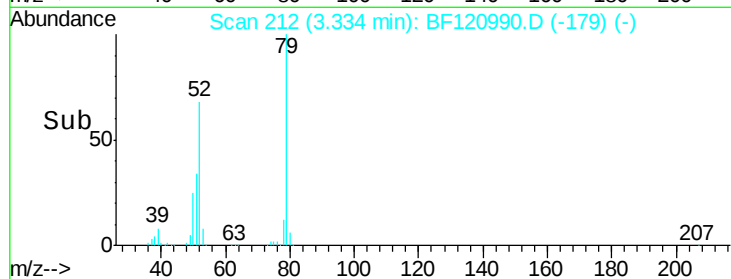
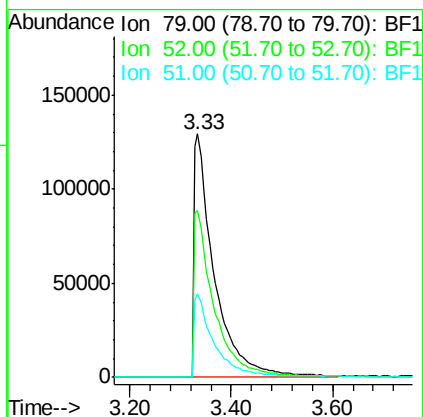
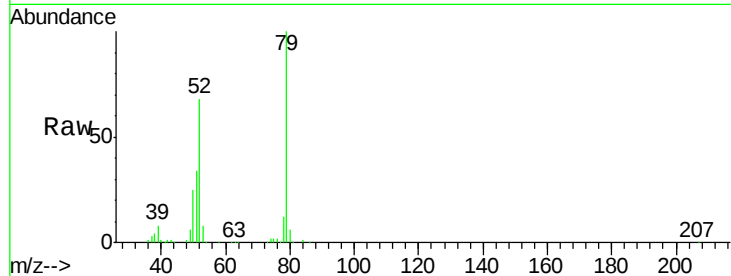




#3
Pvrindine
Concen: 31.220 ng
RT: 3.33 min Scan# 212
Delta R.T. 0.09 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

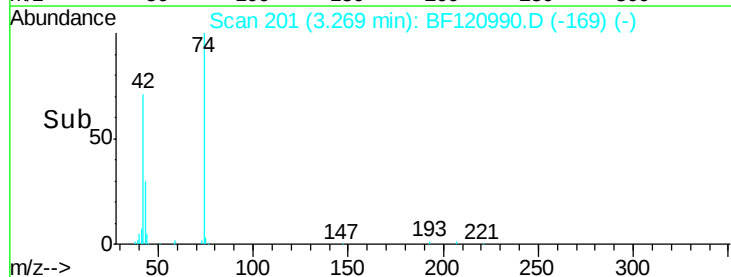
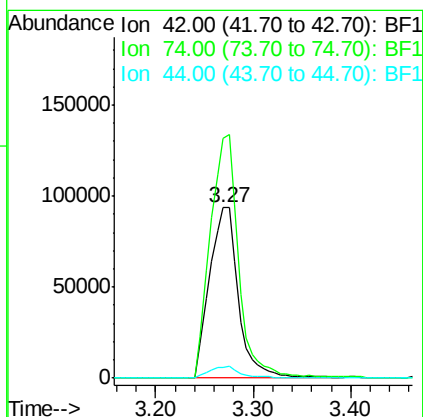
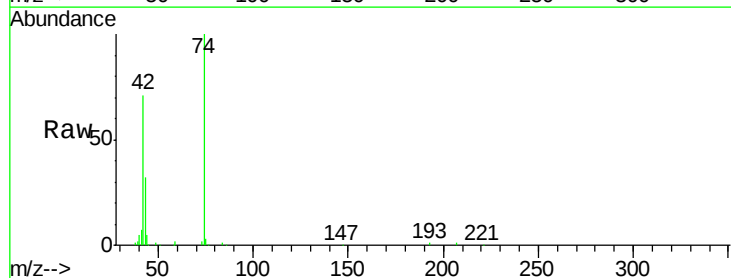
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 362649
Ion Ratio Lower Upper
79 100
52 68.5 55.0 82.6
51 34.2 26.9 40.3



#4
n-Nitrosodimethylamine
Concen: 38.733 ng
RT: 3.27 min Scan# 201
Delta R.T. 0.09 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion: 42 Resp: 192389
Ion Ratio Lower Upper
42 100
74 140.4 108.7 163.1
44 6.5 5.2 7.8





#5

2-Fluorophenol

Concen: 109.349 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :
BNA_F
ClientSampleId :

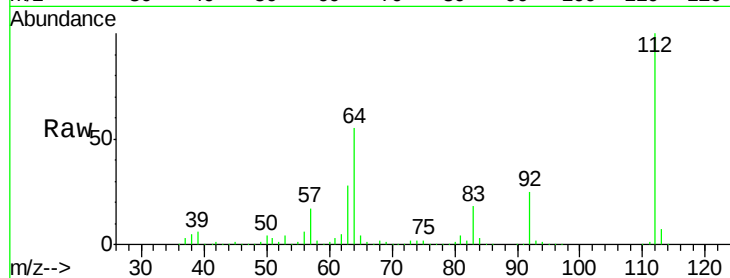
Tot Ion:112 Resp: 1037468

Ion Ratio Lower Upper

112 100

64 54.8 41.3 61.9

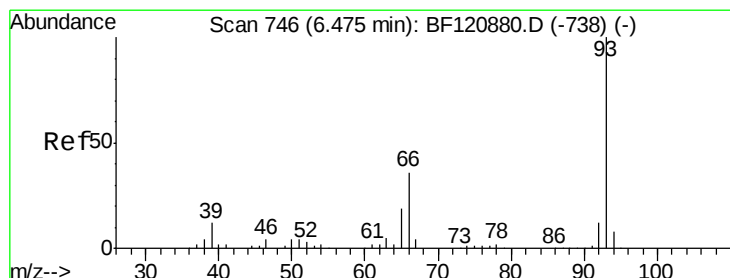
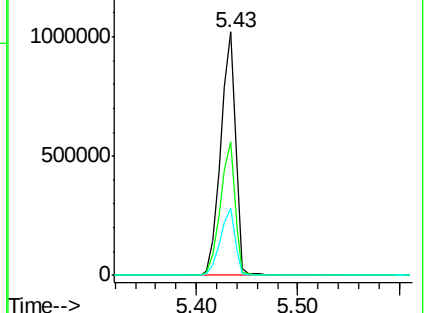
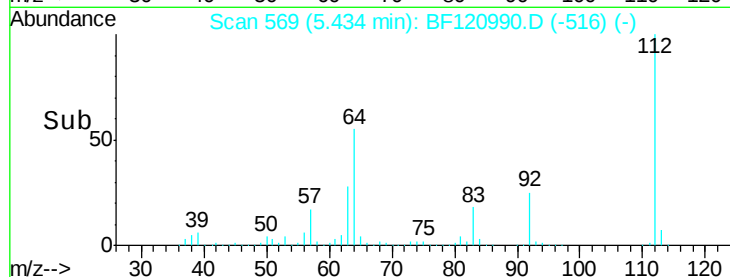
63 27.8 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.829 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

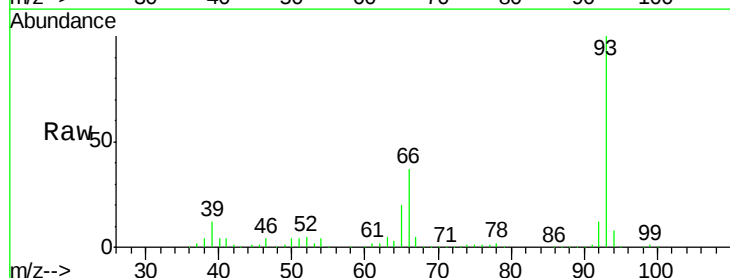
Tgt Ion: 93 Resp: 541183

Ion Ratio Lower Upper

93 100

66 37.1 30.2 45.4

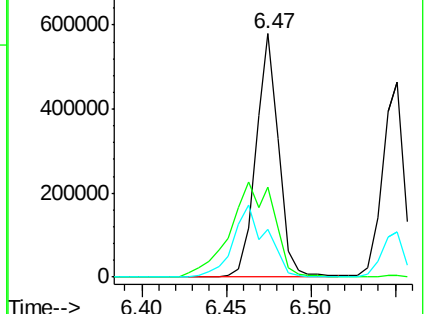
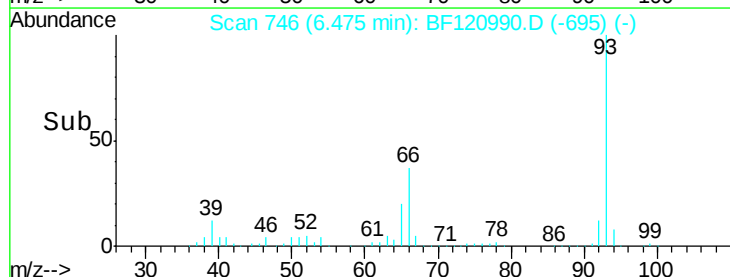
65 19.6 15.8 23.6

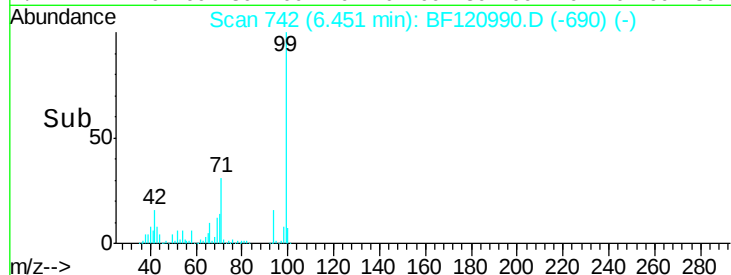
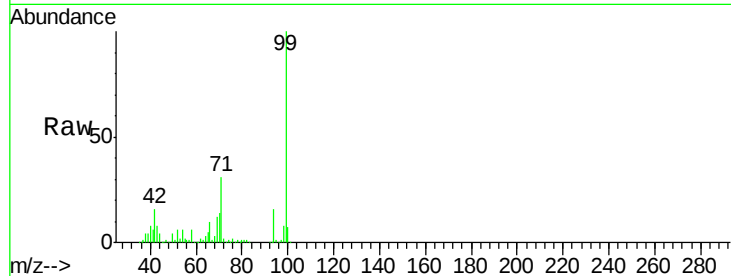


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.146 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

ClientSampleId :

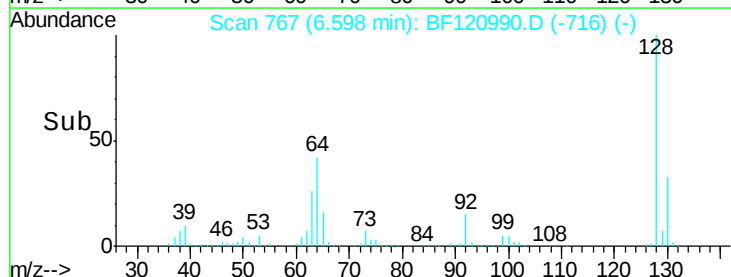
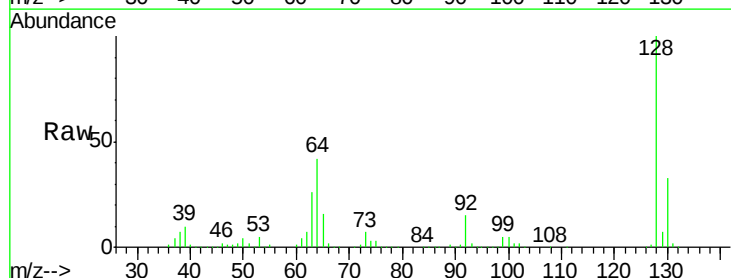
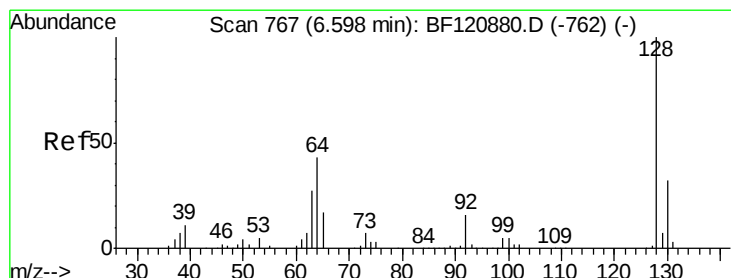
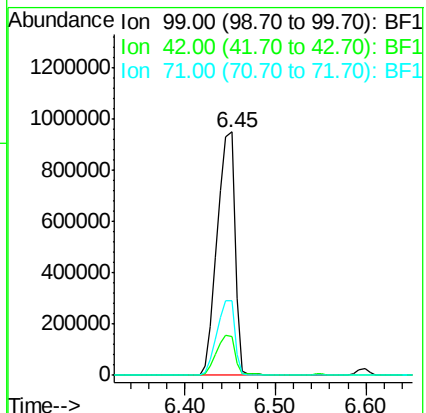
Tot Ion: 99 Resp: 1288631

Ion Ratio Lower Upper

99 100

42 16.0 13.1 19.7

71 30.6 24.2 36.4



#8

2-Chlorophenol

Concen: 41.841 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

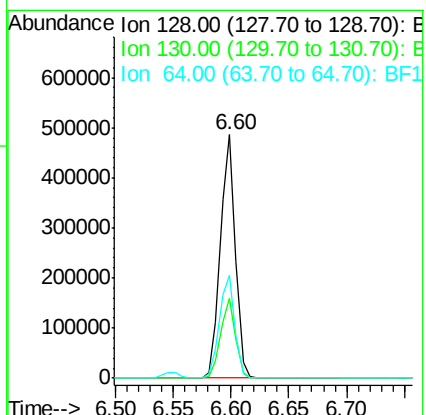
Tgt Ion: 128 Resp: 437317

Ion Ratio Lower Upper

128 100

130 33.0 12.1 52.1

64 42.2 24.0 64.0





#9

Benzaldehyde

Concen: 58.659 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

ClientSampled :

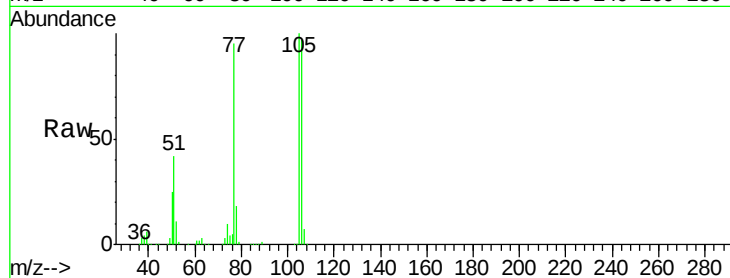
Tot Ion: 77 Resp: 308173

Ion Ratio Lower Upper

77 100

105 104.8 82.5 122.5

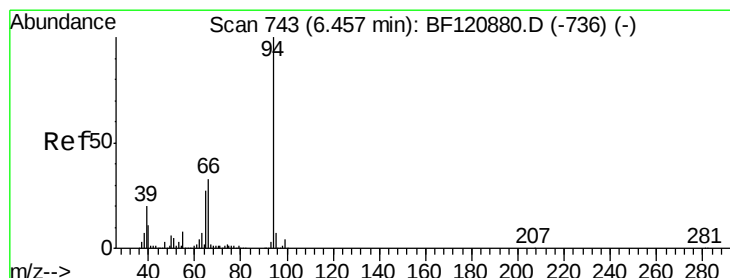
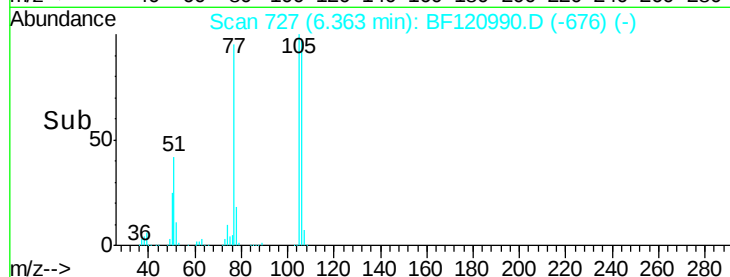
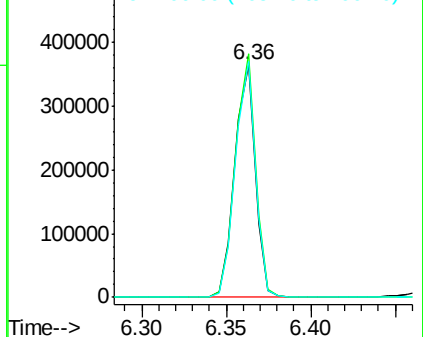
106 101.4 78.7 118.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.010 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

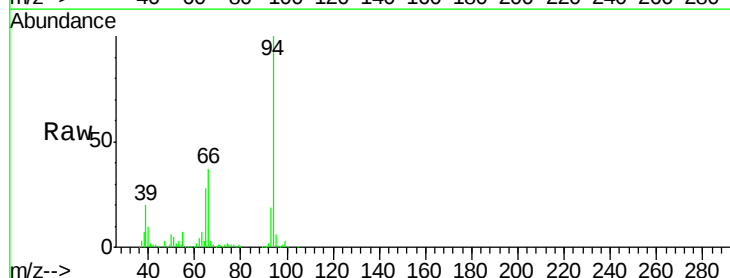
Tgt Ion: 94 Resp: 525916

Ion Ratio Lower Upper

94 100

65 28.2 6.6 46.6

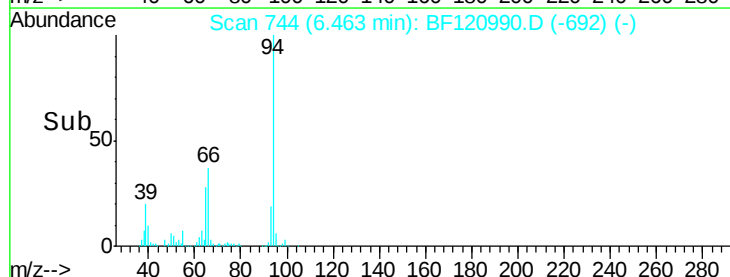
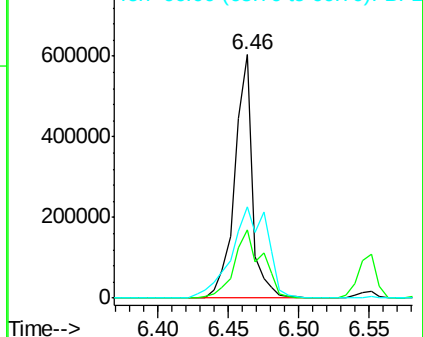
66 37.4 13.2 53.2

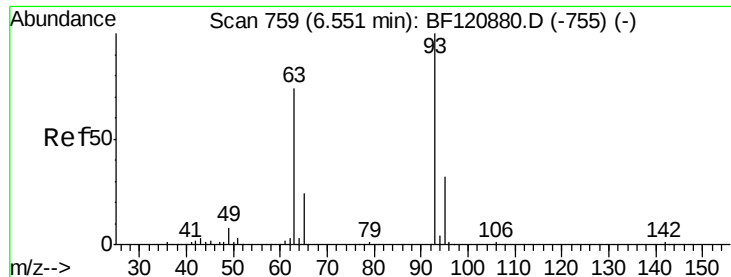


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

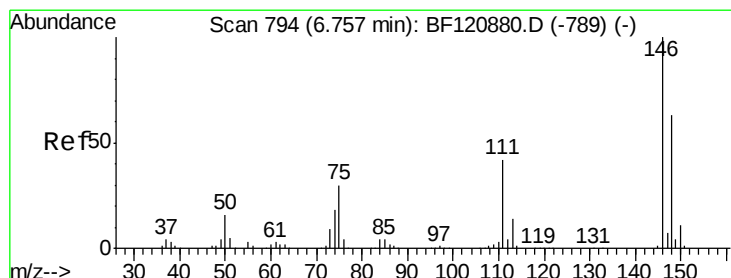
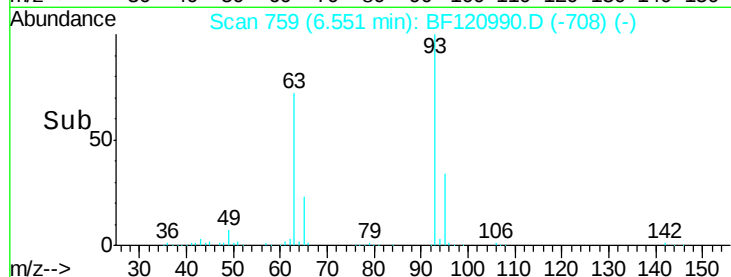
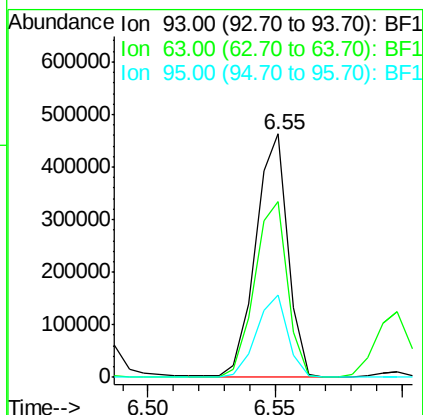
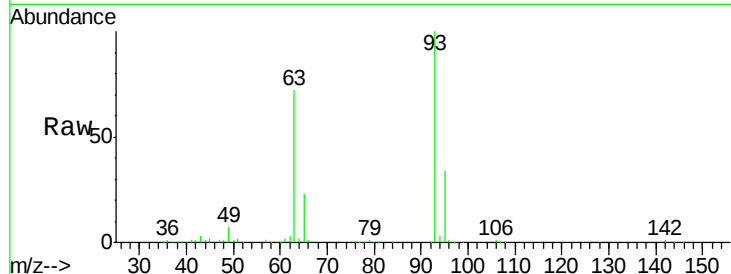




#11
bis(2-Chloroethyl)ether
Concen: 39.642 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

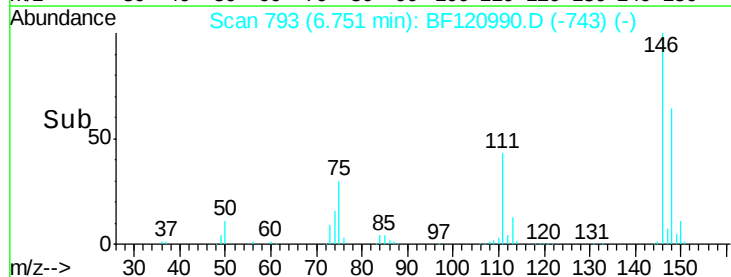
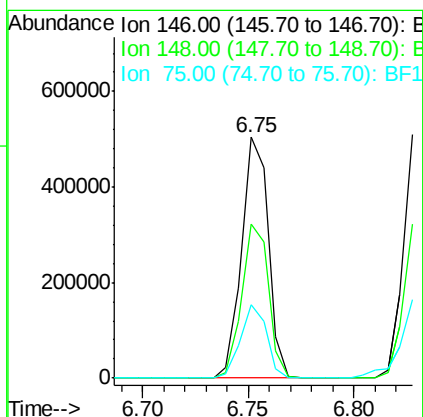
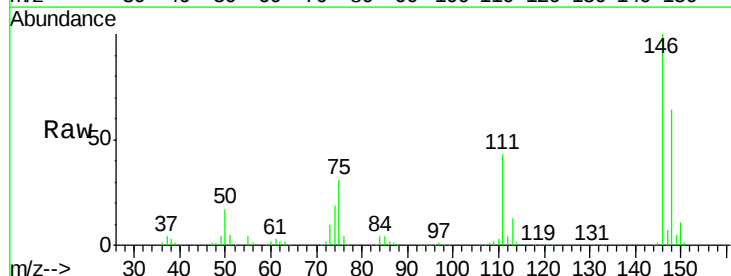
Instrument :
BNA_F
ClientSampleId :

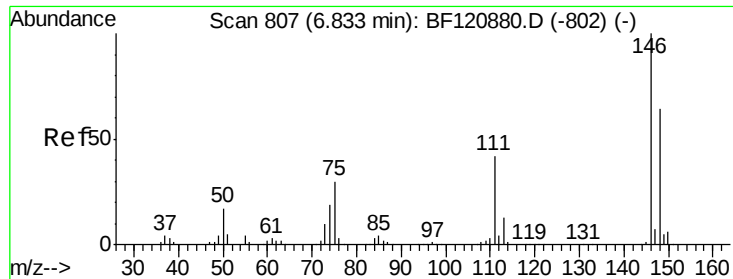
Tot Ion	93	Resp	409584
Ion Ratio	100	Lower	Upper
63	72.3	54.2	94.2
95	33.7	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 38.865 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion	146	Resp	440482
Ion Ratio	100	Lower	Upper
148	63.8	50.6	75.8
75	30.7	24.1	36.1

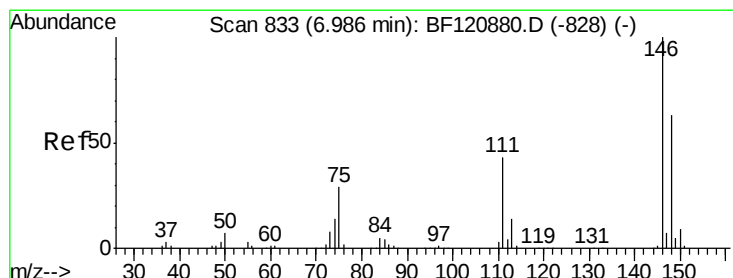
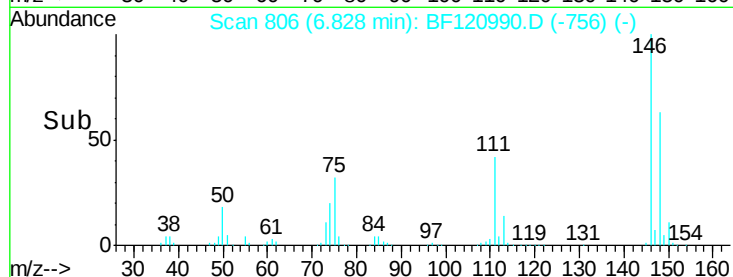
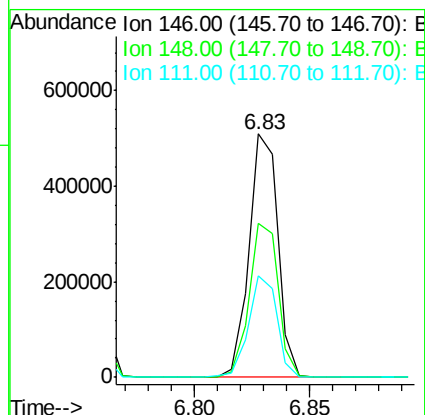
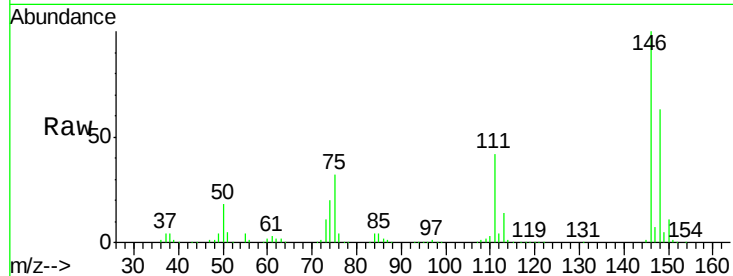




#13
 1,4-Dichlorobenzene
 Concen: 39.524 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

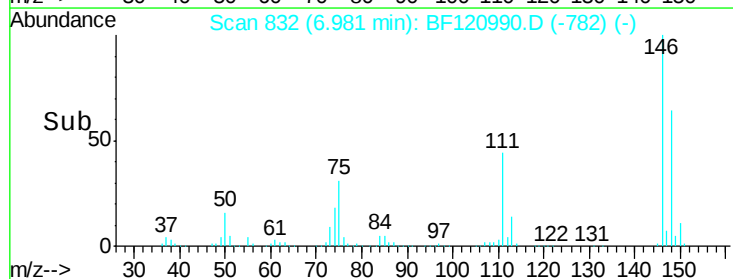
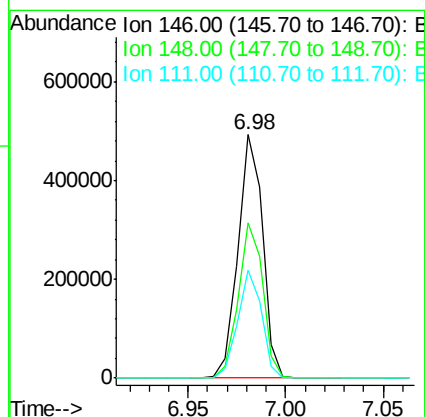
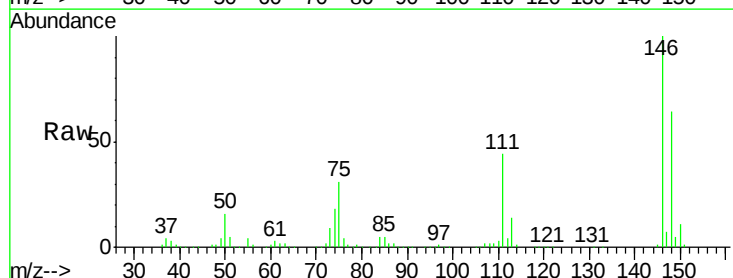
Instrument :
 BNA_F
 ClientSampleId :

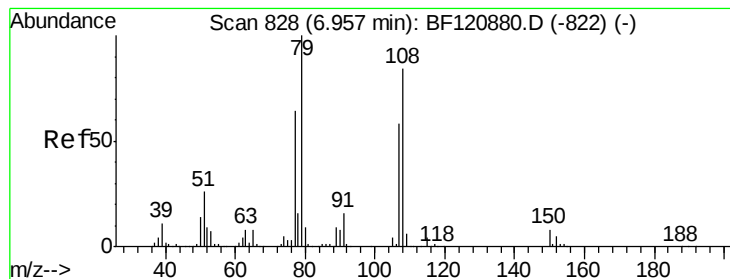
Tot Ion:146 Resp: 445423
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.6 77.4
 111 41.8 33.5 50.3



#14
 1,2-Dichlorobenzene
 Concen: 40.395 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Tgt Ion:146 Resp: 430673
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 76.0
 111 44.4 34.2 51.2





#15

Benzyl Alcohol

Concen: 39.740 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

ClientSampleId :

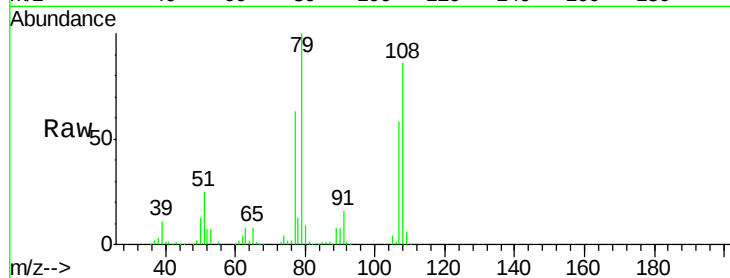
Tot Ion: 79 Resp: 344426

Ion Ratio Lower Upper

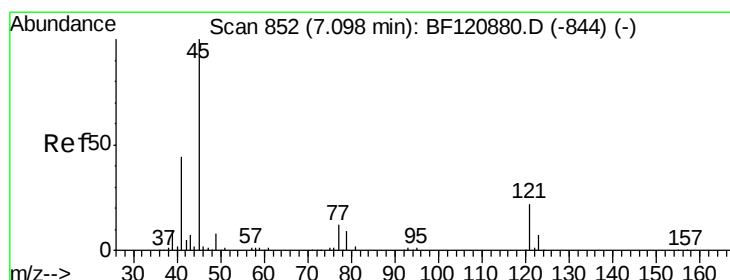
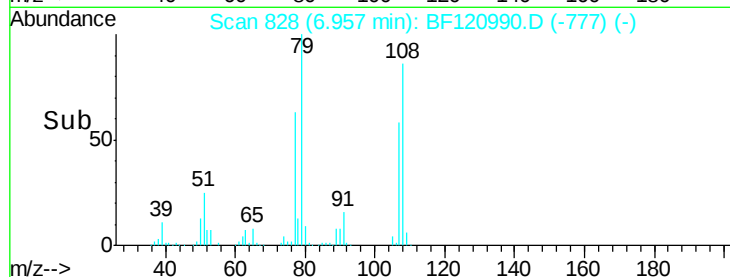
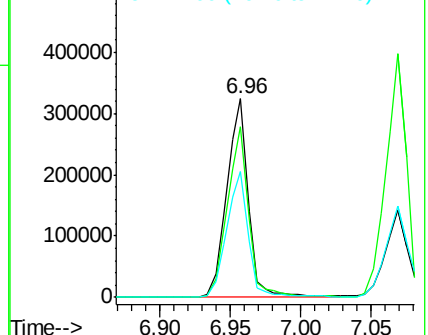
79 100

108 86.2 67.0 100.6

77 63.3 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: 38.526 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

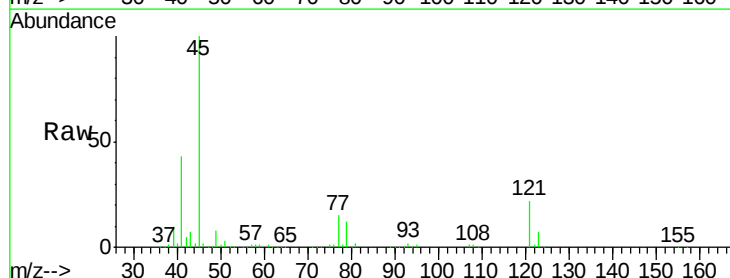
Tgt Ion: 45 Resp: 573746

Ion Ratio Lower Upper

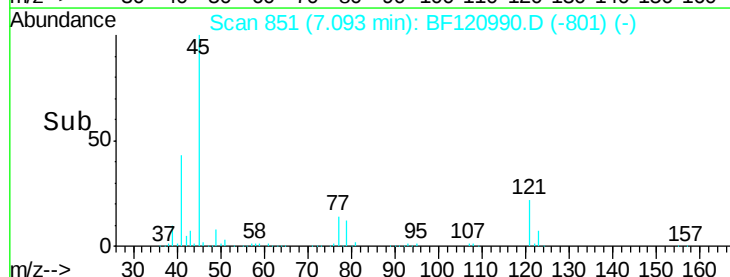
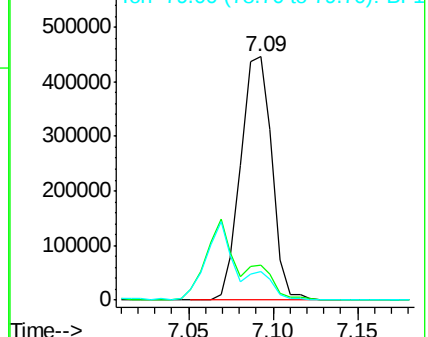
45 100

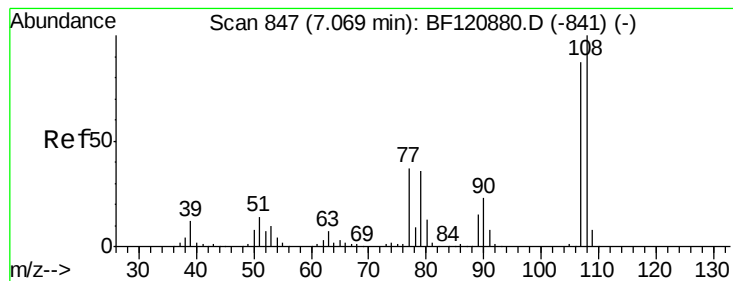
77 14.6 0.0 34.3

79 11.8 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

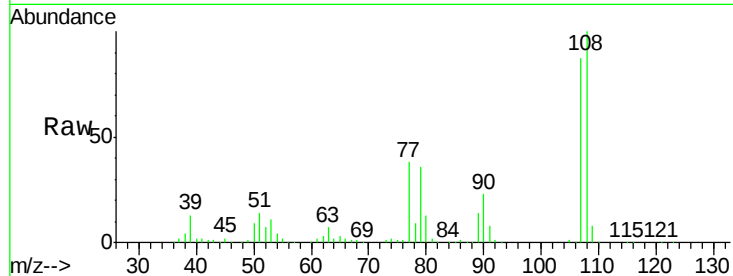




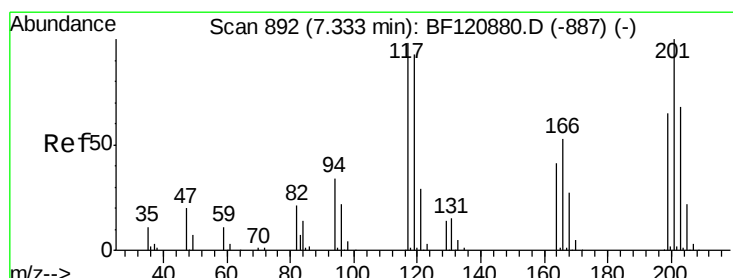
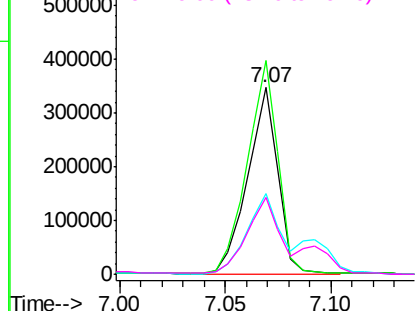
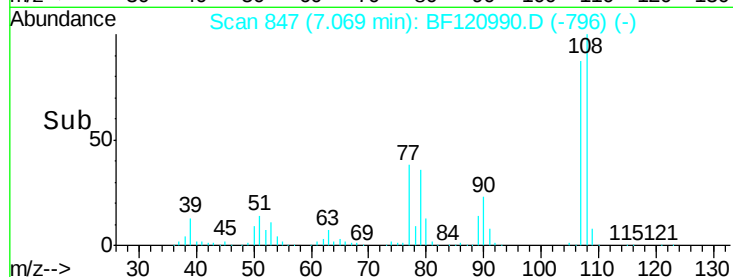
#17
2-Methylphenol
Concen: 37.073 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 343442
Ion Ratio Lower Upper
107 100
108 114.5 92.0 138.0
77 43.1 34.0 51.0
79 41.3 33.3 49.9

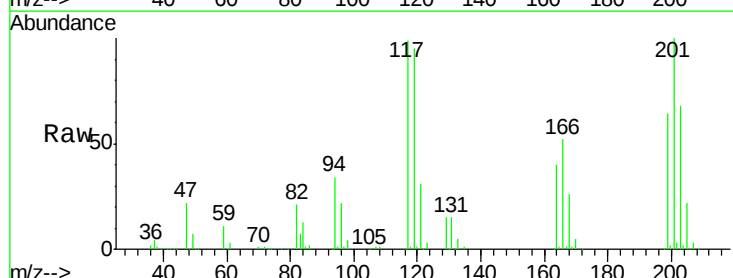


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

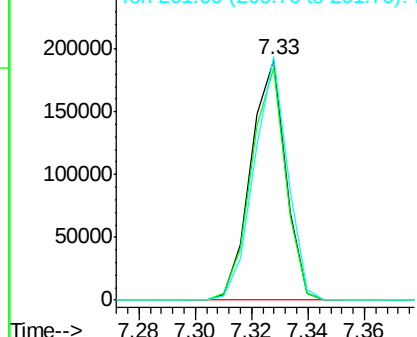
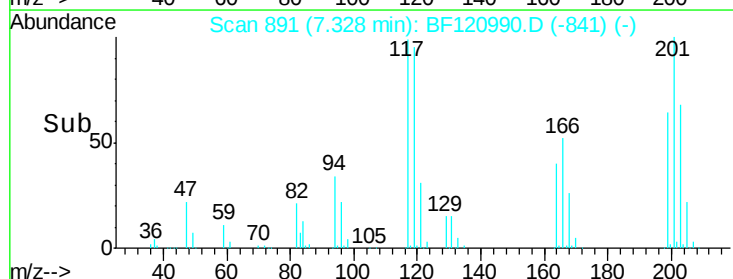


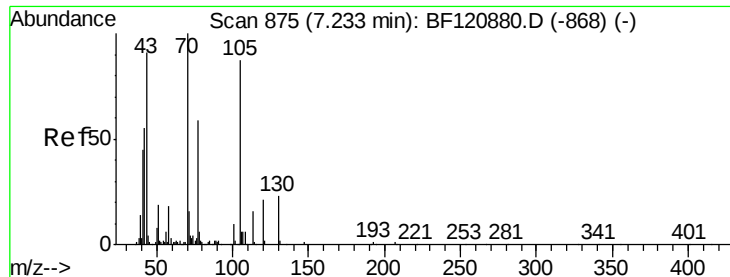
#18
Hexachloroethane
Concen: 40.184 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion:117 Resp: 163908
Ion Ratio Lower Upper
117 100
119 96.7 76.0 114.0
201 101.4 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

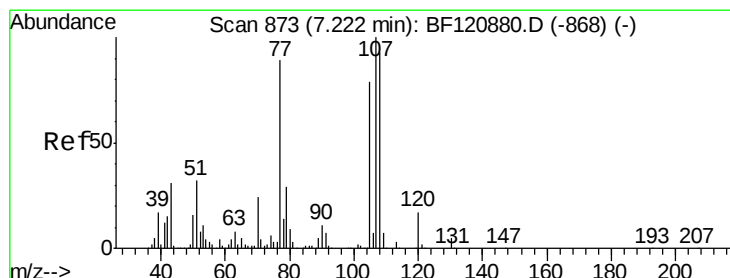
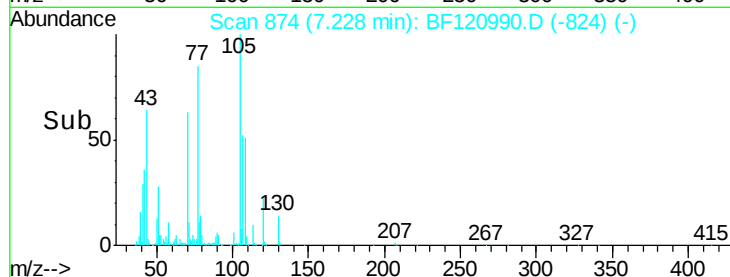
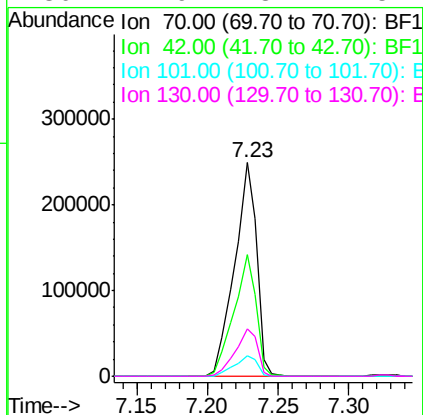
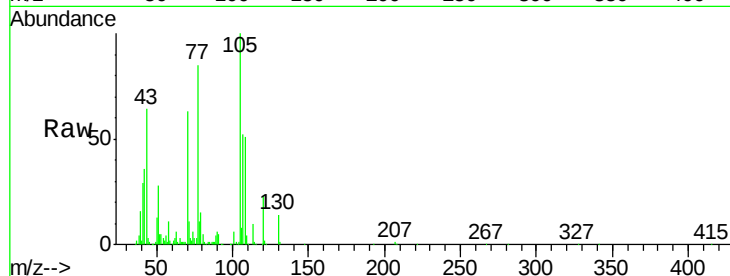




#19
n-Nitroso-di-n-propylamine
Concen: 39.013 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

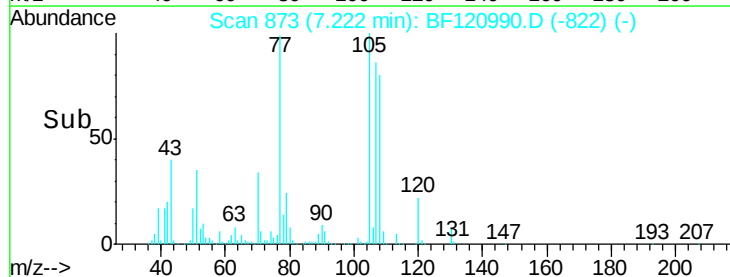
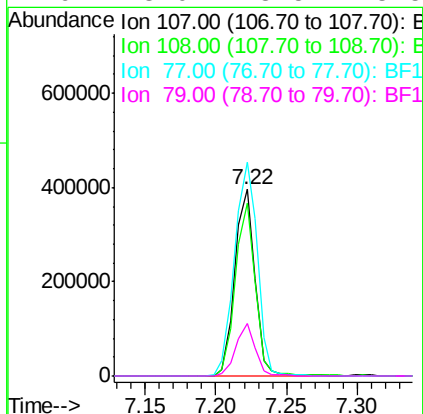
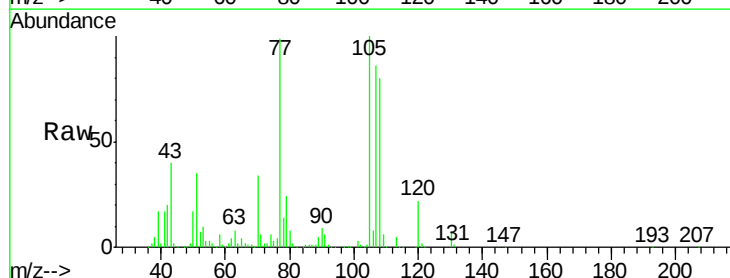
Instrument :
BNA_F
ClientSampleId :

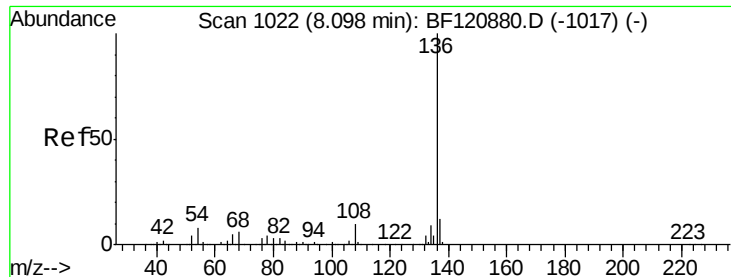
Tot Ion:	70	Resp:	271880
Ion	Ratio	Lower	Upper
70	100		
42	56.9	44.0	66.0
101	9.6	7.8	11.6
130	21.9	18.7	28.1



#20
3+4-Methylphenols
Concen: 33.259 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion:	107	Resp:	391937
Ion	Ratio	Lower	Upper
107	100		
108	92.8	72.8	112.8
77	114.6	68.7	108.7#
79	28.0	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: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 607697

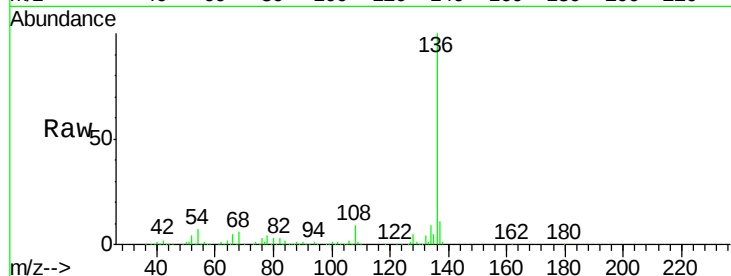
Ion Ratio Lower Upper

136 100

137 10.7 9.3 13.9

54 7.1 6.3 9.5

68 5.6 5.0 7.4

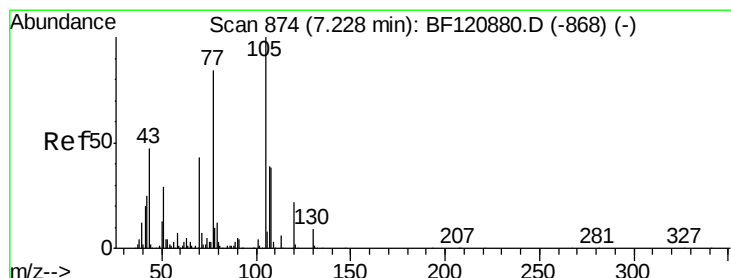
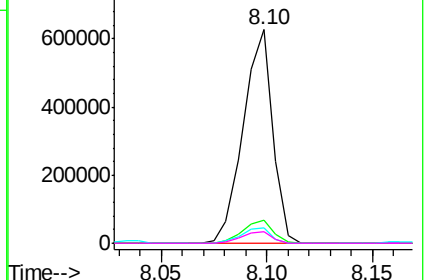
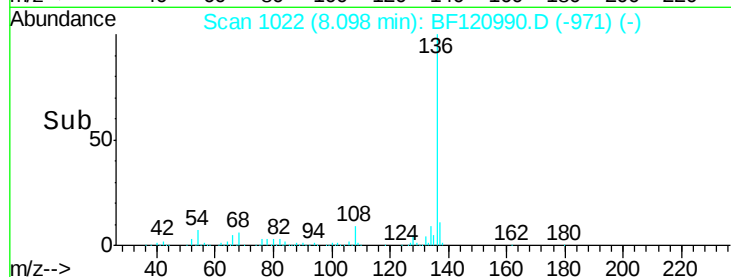


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 39.576 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Tgt Ion:105 Resp: 539755

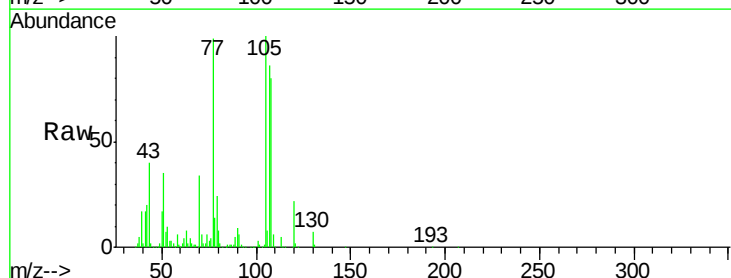
Ion Ratio Lower Upper

105 100

71 5.6 5.7 8.5#

51 34.8 22.9 34.3#

120 22.1 18.0 27.0

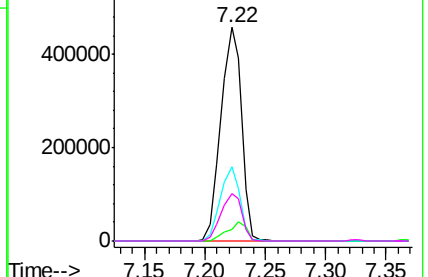
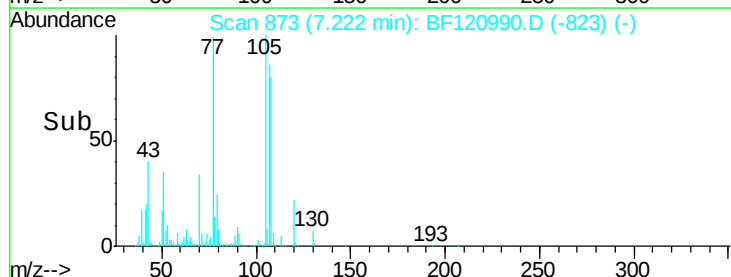


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

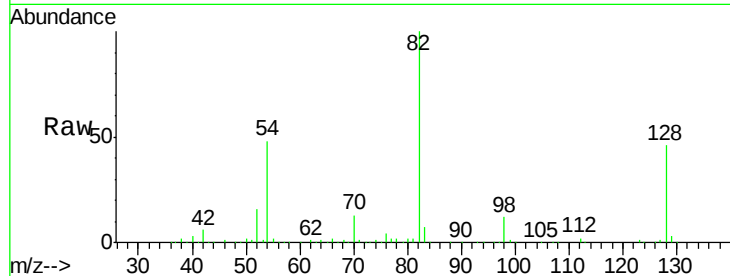




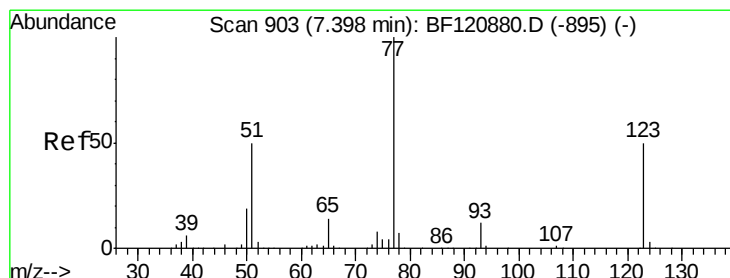
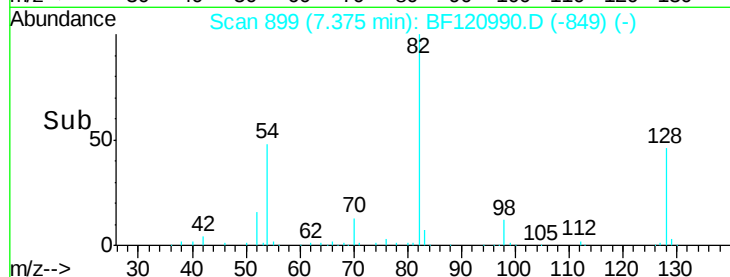
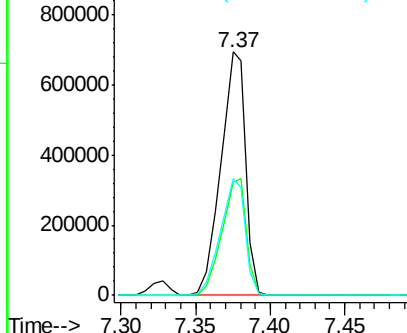
#23
Nitrobenzene-d5
Concen: 77.284 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	811663
Ion Ratio	100	Lower	Upper
128	46.2	38.2	57.4
54	48.1	38.7	58.1

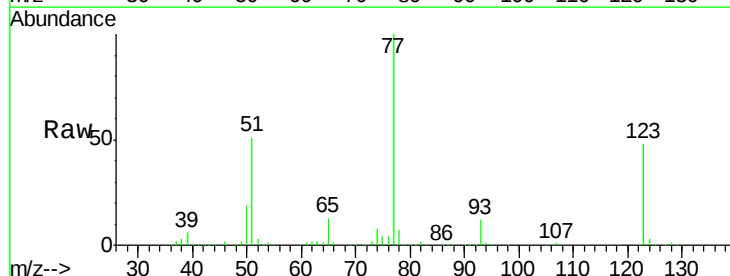


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

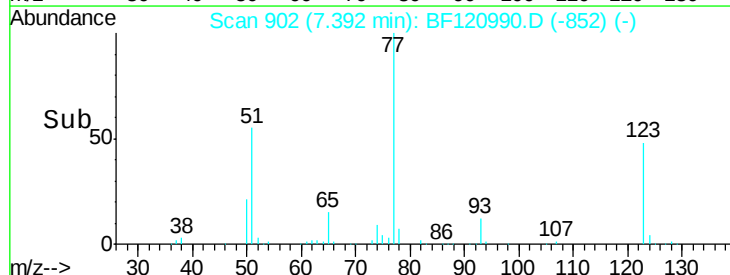
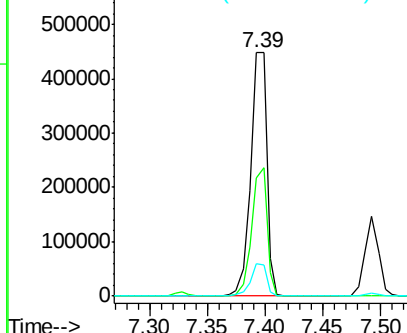


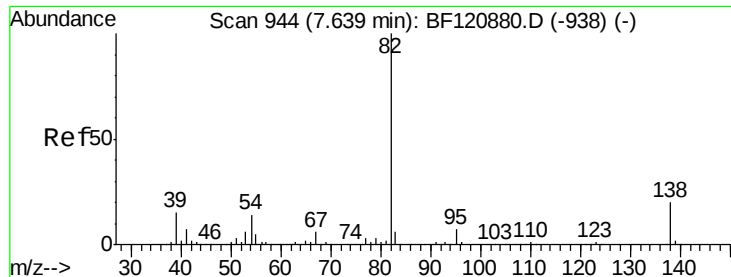
#24
Nitrobenzene
Concen: 38.252 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion	77	Resp	432996
Ion Ratio	100	Lower	Upper
123	48.3	40.1	60.1
65	13.4	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: 38.464 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

ClientSampleId :

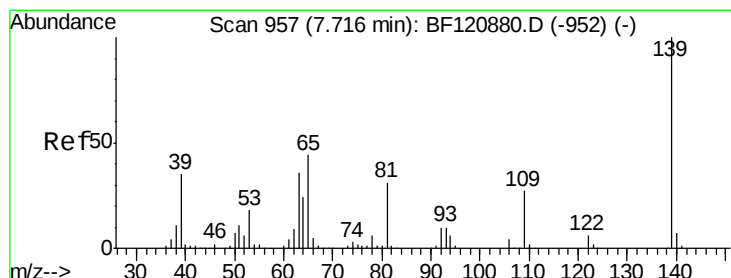
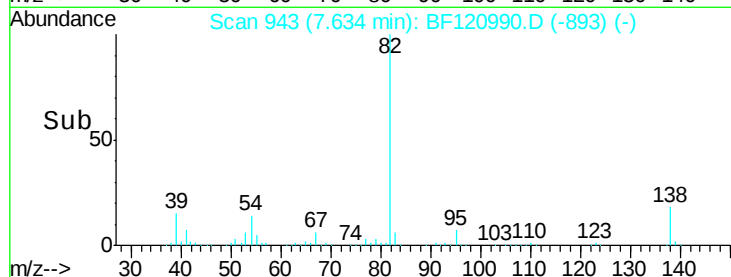
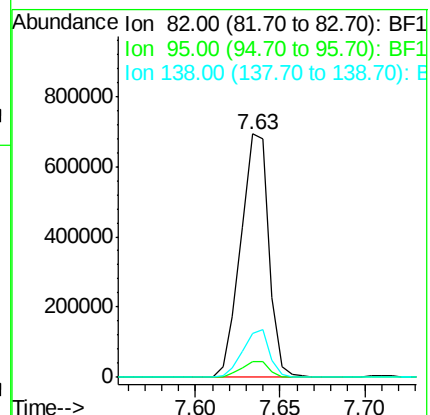
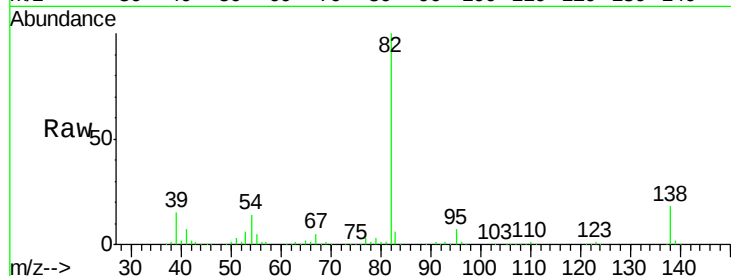
Tot Ion: 82 Resp: 806223

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 18.0 15.6 23.4



#26

2-Nitrophenol

Concen: 42.006 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

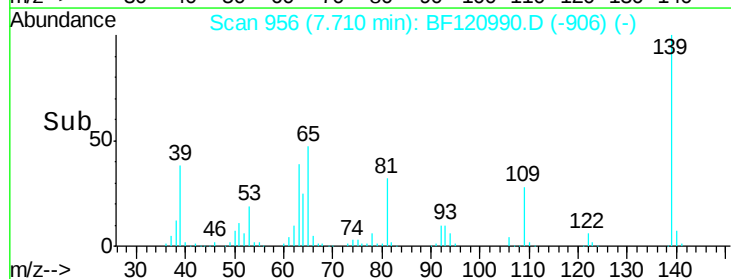
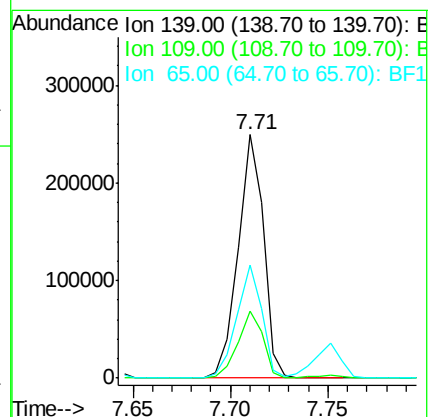
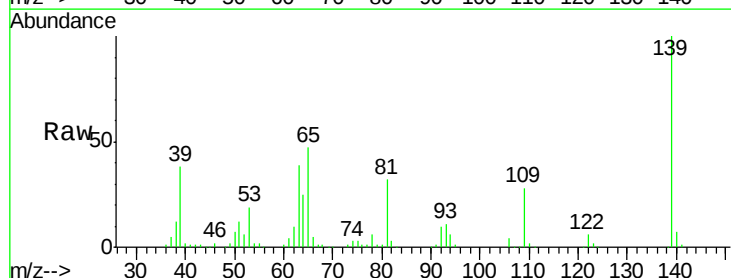
Tgt Ion: 139 Resp: 225822

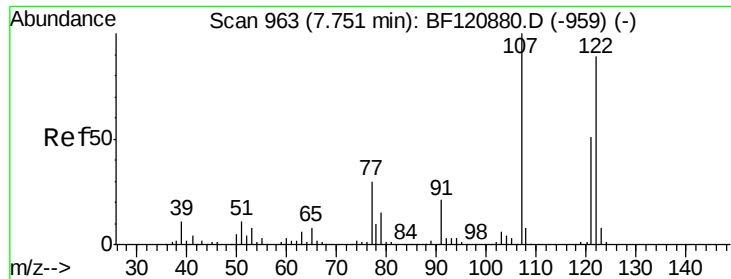
Ion Ratio Lower Upper

139 100

109 27.6 21.6 32.4

65 46.5 35.3 52.9





#27

2,4-Dimethylphenol

Concen: 43.586 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

ClientSampled :

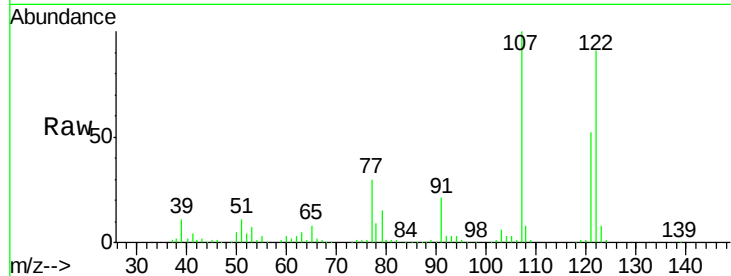
Tot Ion:122 Resp: 380441

Ion Ratio Lower Upper

122 100

107 110.1 89.4 134.0

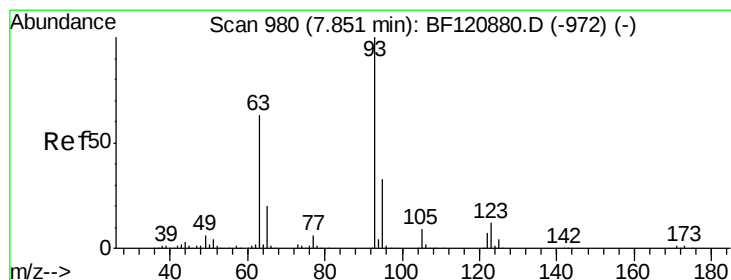
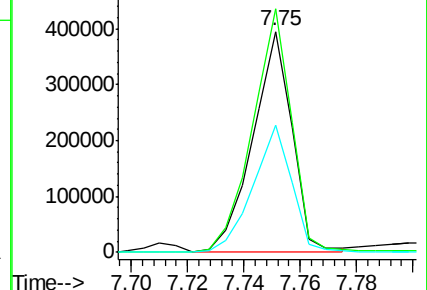
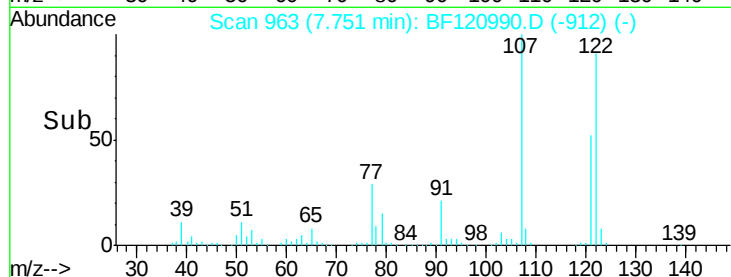
121 57.4 46.0 69.0



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: 40.400 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

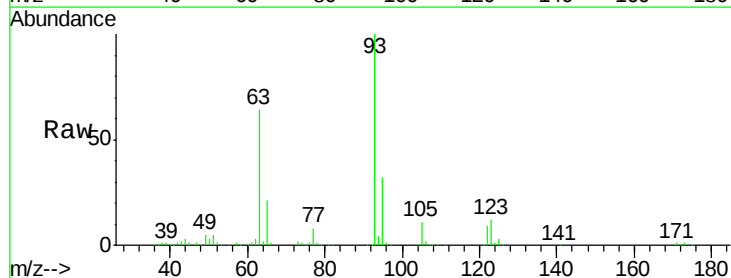
Tgt Ion: 93 Resp: 516899

Ion Ratio Lower Upper

93 100

95 32.1 26.6 39.8

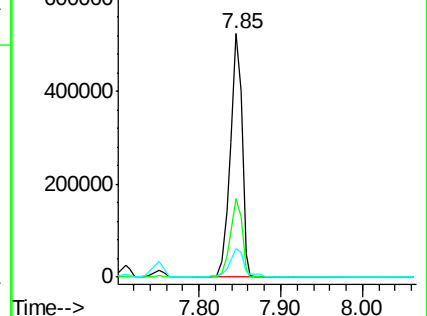
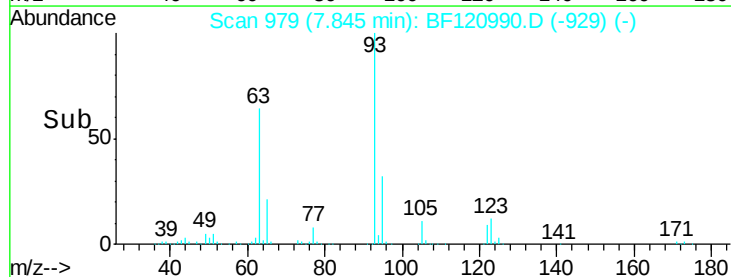
123 11.7 10.0 15.0

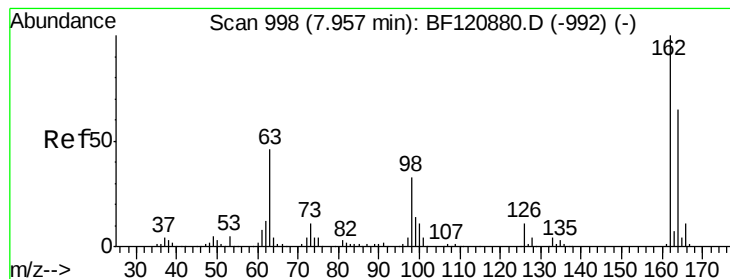


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.282 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

ClientSampleId :

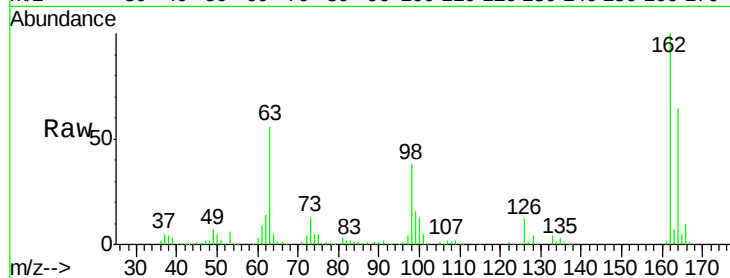
Tot Ion:162 Resp: 359282

Ion Ratio Lower Upper

162 100

164 64.4 45.3 85.3

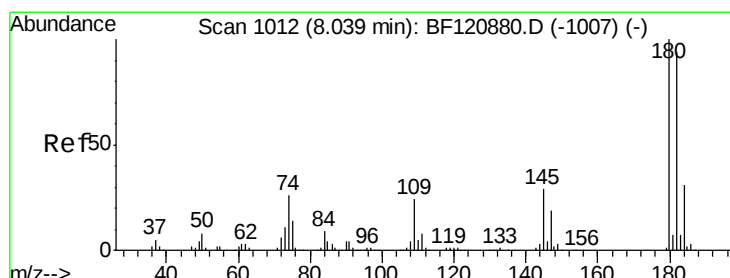
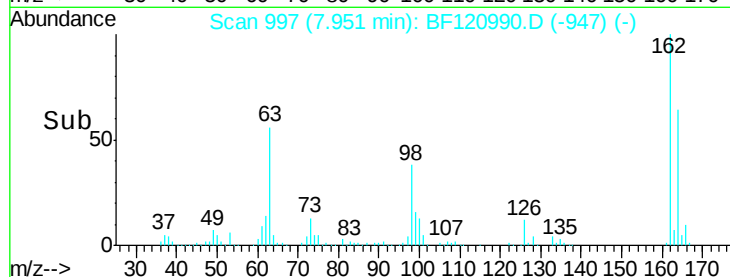
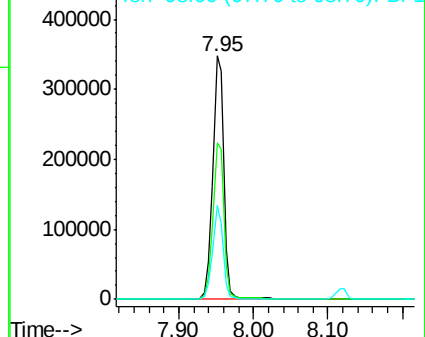
98 38.3 13.3 53.3



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: 39.192 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

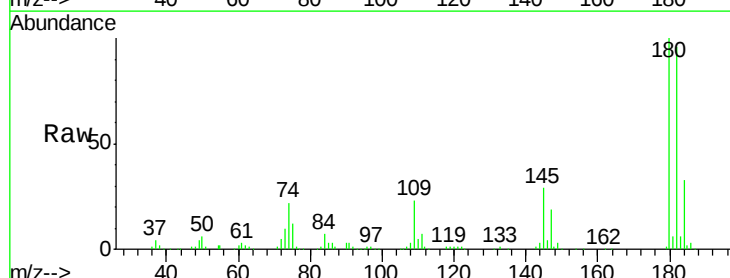
Tgt Ion:180 Resp: 387827

Ion Ratio Lower Upper

180 100

182 95.6 75.0 112.6

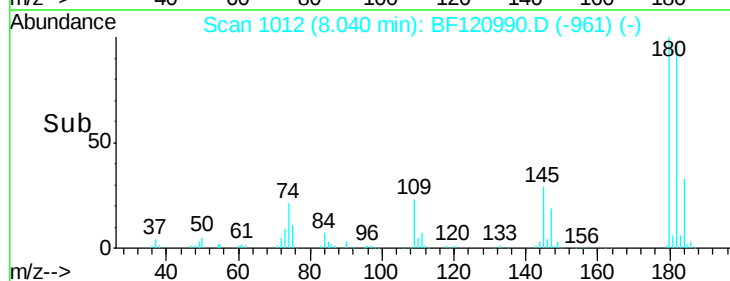
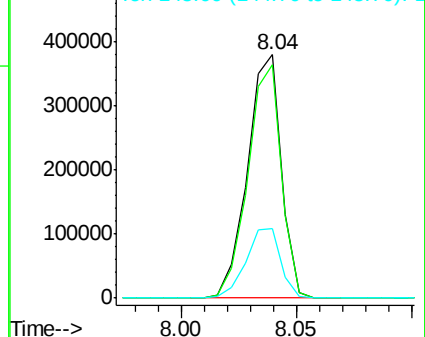
145 28.8 23.5 35.3

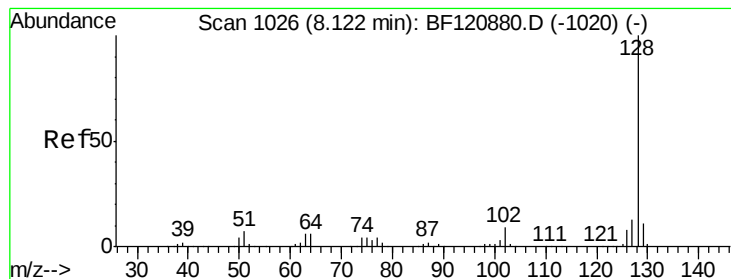


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.811 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

ClientSampleId :

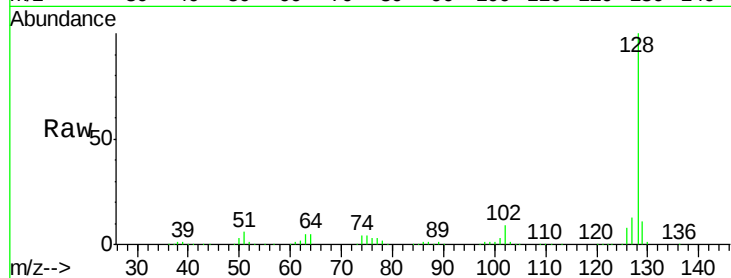
Tot Ion:128 Resp: 1209805

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

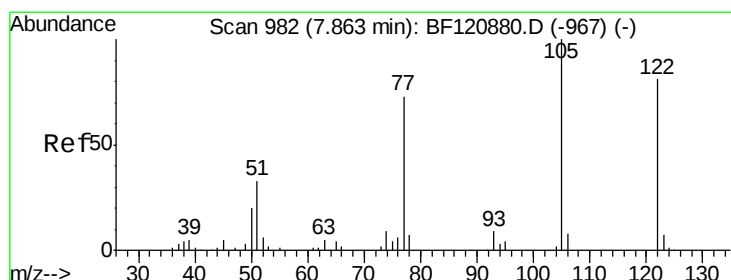
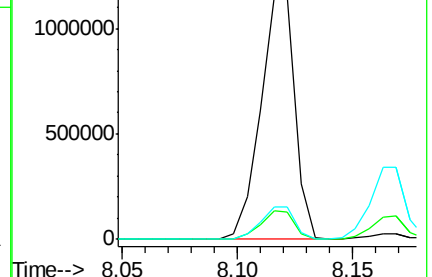
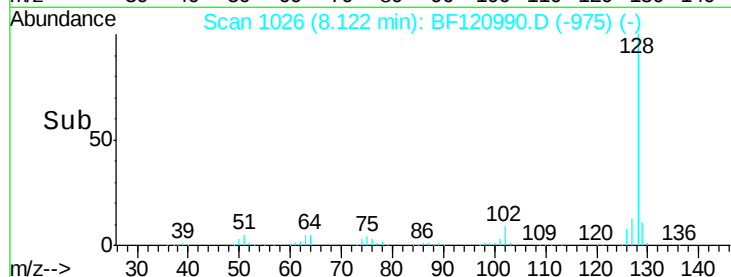
127 13.3 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.346 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

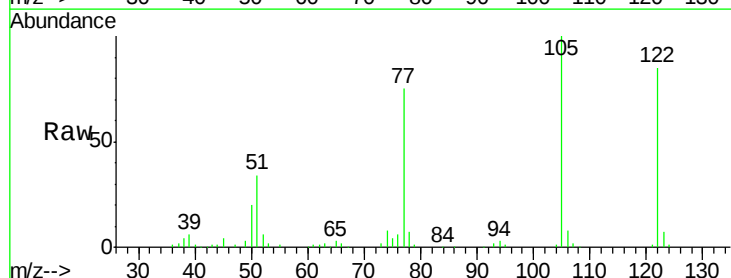
Tgt Ion:122 Resp: 257802

Ion Ratio Lower Upper

122 100

105 117.7 101.3 141.3

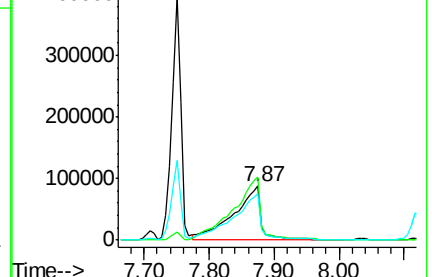
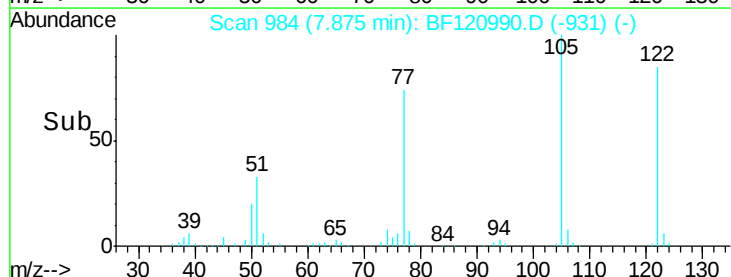
77 87.8 69.1 109.1

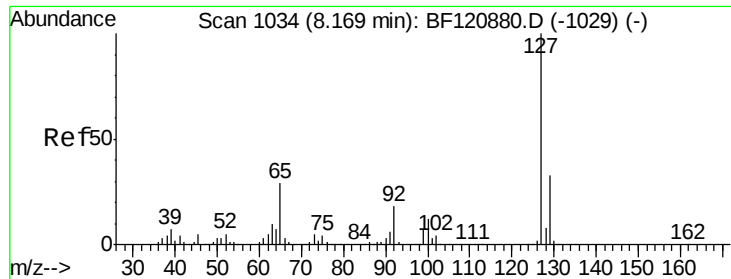


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

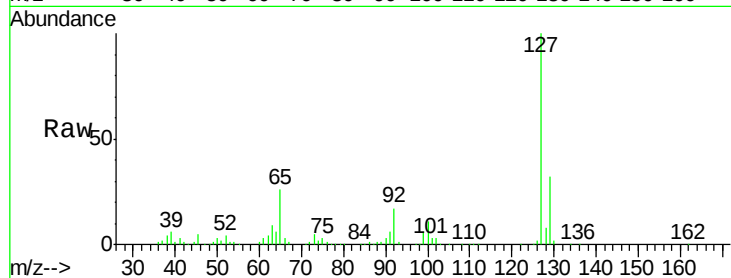




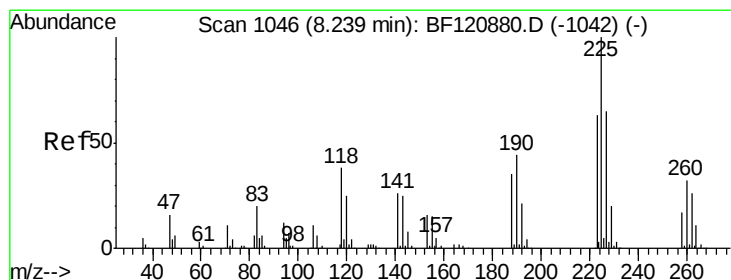
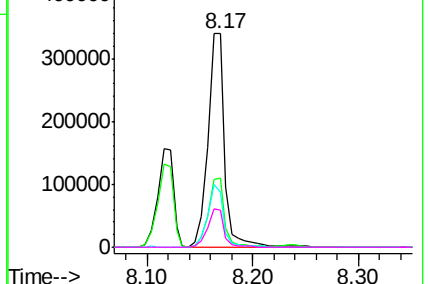
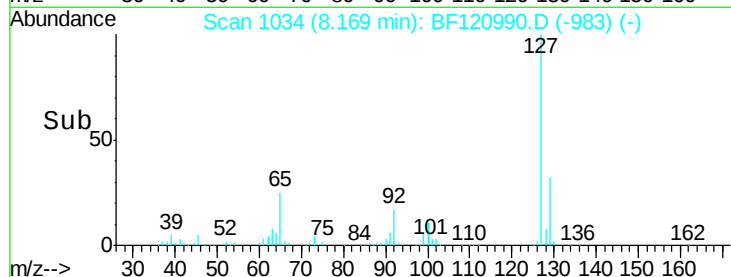
#33
4-Chloroaniline
Concen: 26.881 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	373793
Ion	Ratio	Lower Upper
127	100	
129	32.4	26.5 39.7
65	25.6	23.0 34.4
92	17.2	14.5 21.7

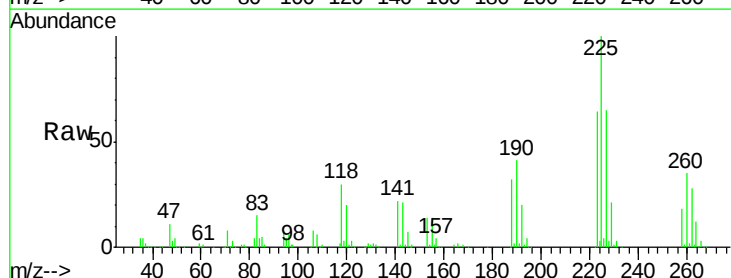


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

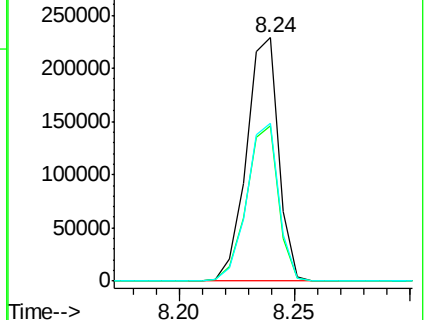
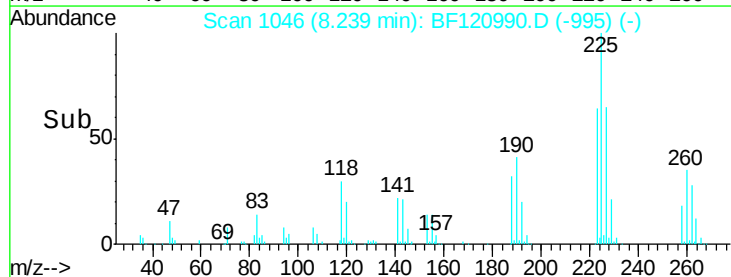


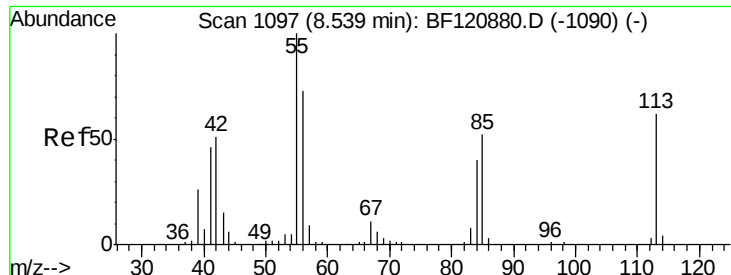
#34
Hexachlorobutadiene
Concen: 37.982 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion:225	Resp:	221569
Ion	Ratio	Lower Upper
225	100	
223	64.0	50.6 76.0
227	64.8	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

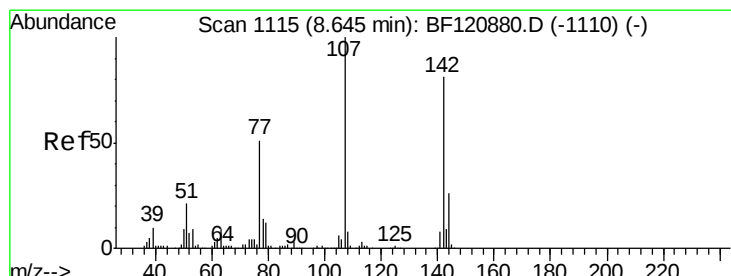
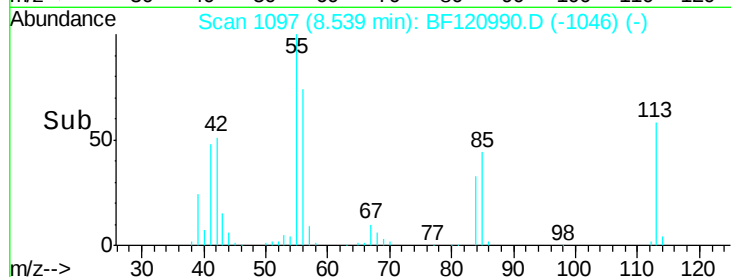
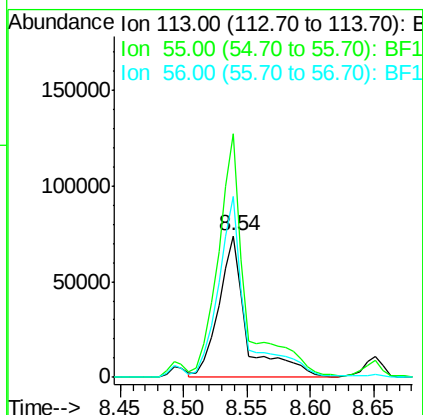
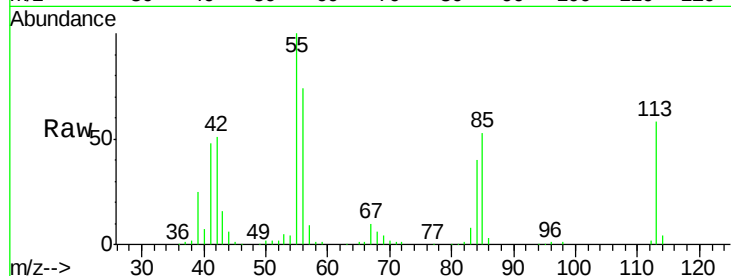




#35
 Caprolactam
 Concen: 40.290 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

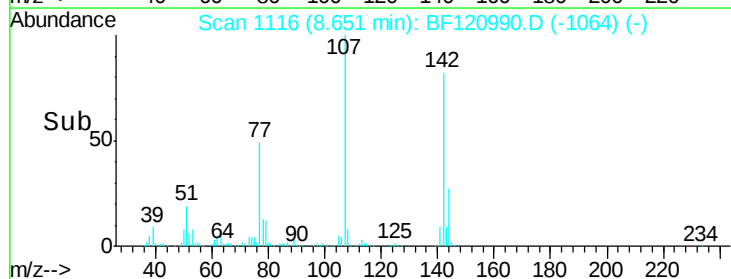
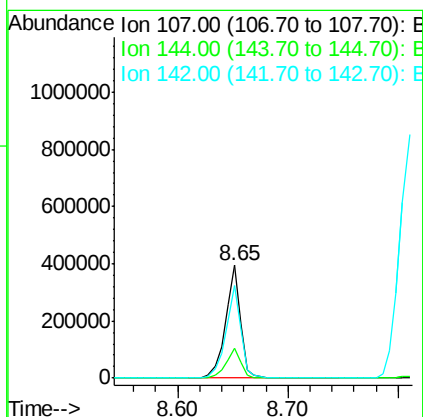
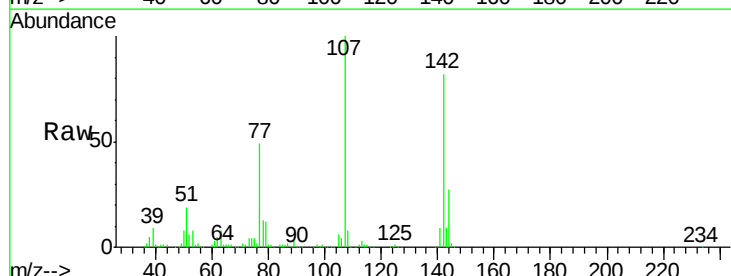
Instrument :
 BNA_F
 ClientSampleId :

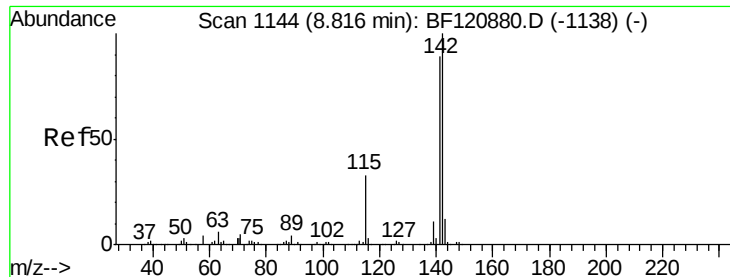
Tot Ion:113 Resp: 115239
 Ion Ratio Lower Upper
 113 100
 55 172.4 143.3 183.3
 56 127.7 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.063 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Tgt Ion:107 Resp: 375621
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.0 31.6
 142 82.2 65.0 97.6

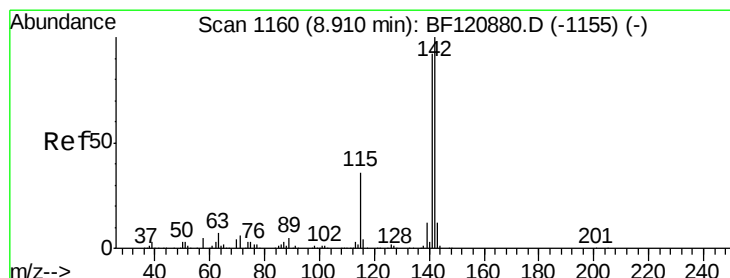
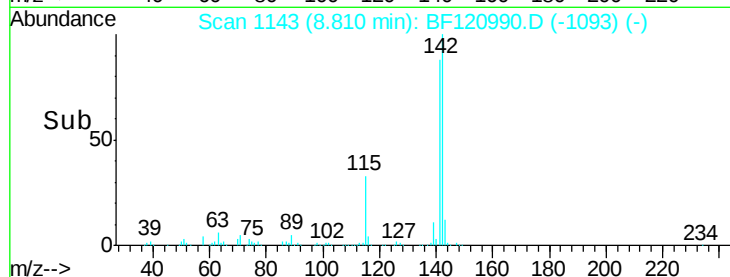
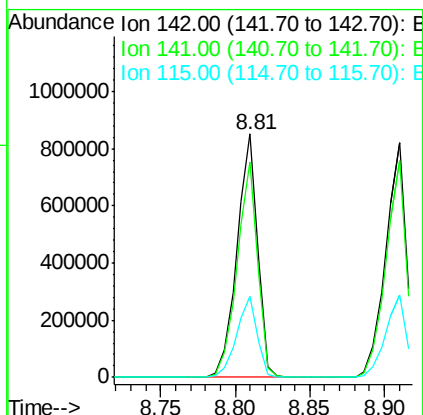
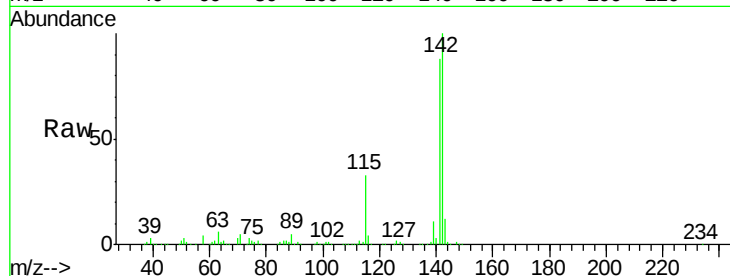




#37
2-Methylnaphthalene
Concen: 40.615 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

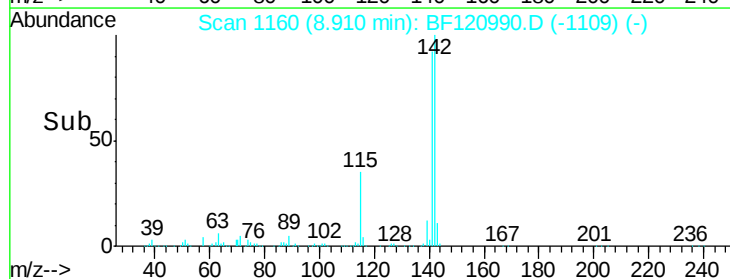
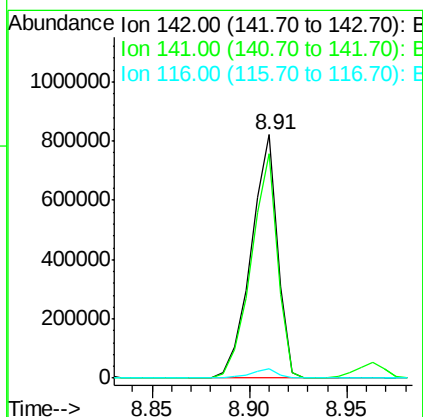
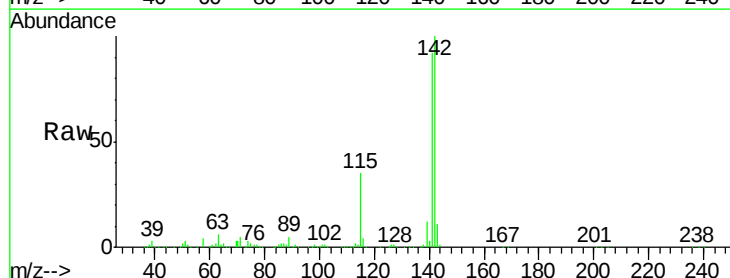
Instrument :
BNA_F
ClientSampleId :

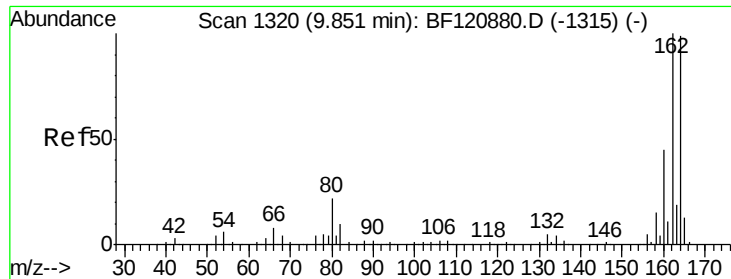
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.0	106.4
115	33.3	26.0	39.0



#38
1-Methylnaphthalene
Concen: 40.288 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.7	110.5
116	3.7	3.0	4.6

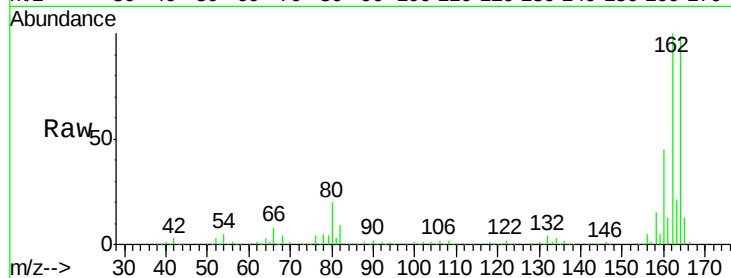




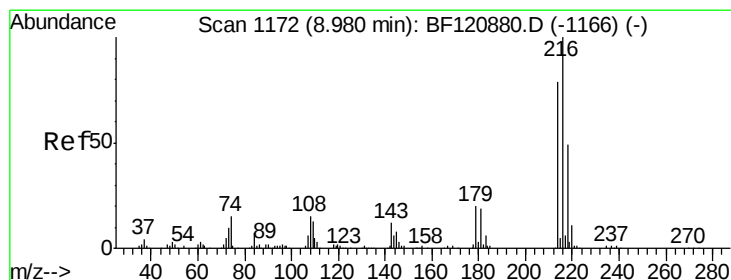
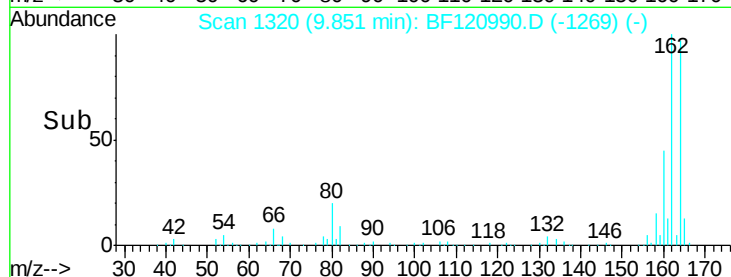
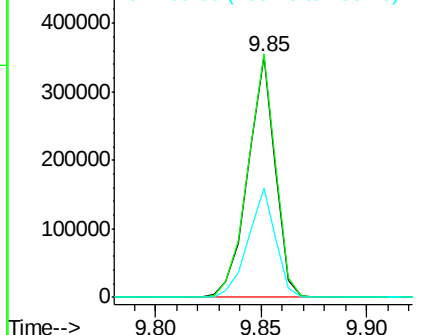
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 316319
Ion Ratio Lower Upper
164 100
162 101.1 81.2 121.8
160 45.5 36.9 55.3

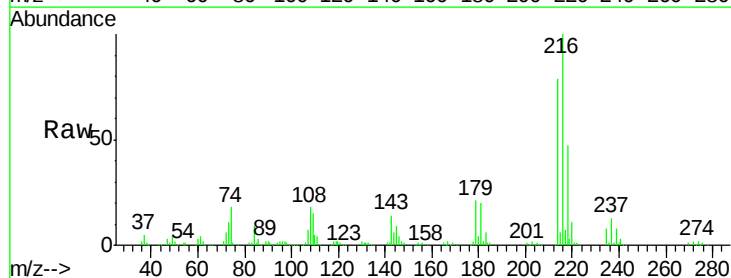


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

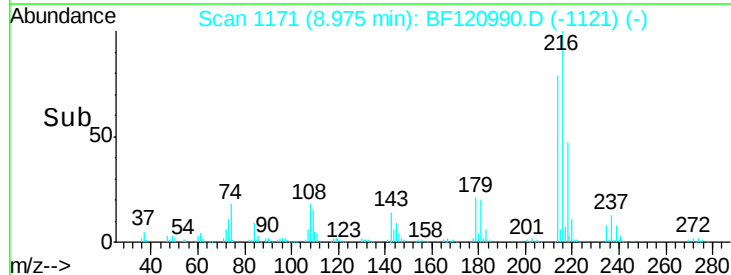
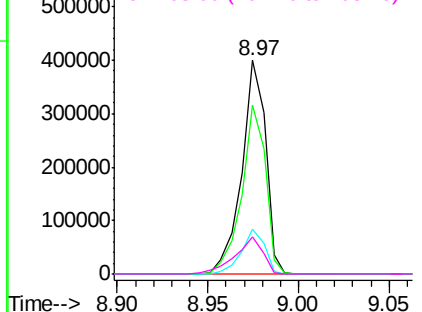


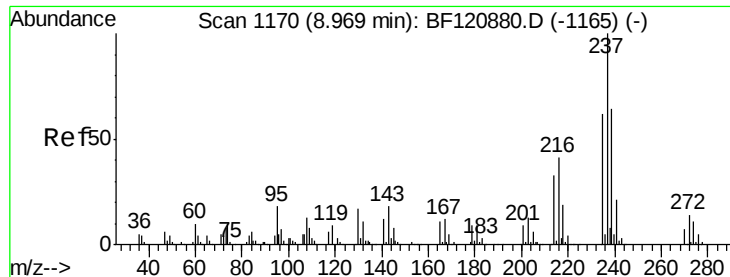
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.695 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion:216 Resp: 365835
Ion Ratio Lower Upper
216 100
214 78.8 63.8 95.8
179 20.6 16.6 24.8
108 20.3 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: 80.990 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

ClientSampleId :

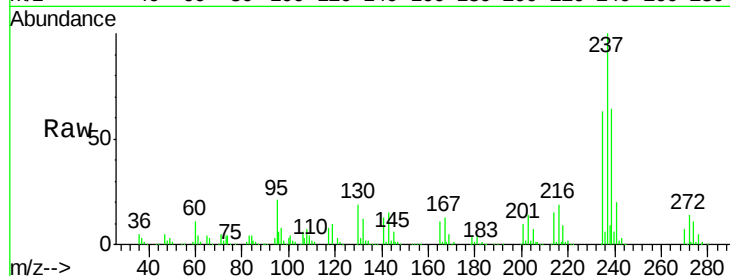
Tot Ion:237 Resp: 412529

Ion Ratio Lower Upper

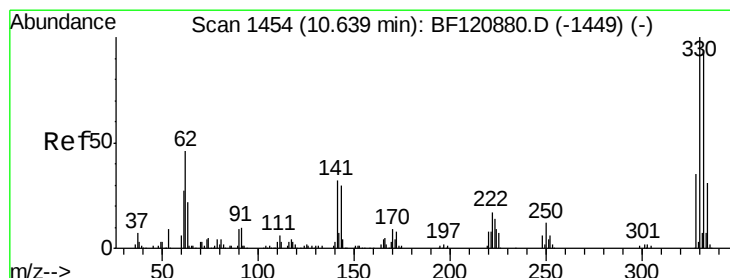
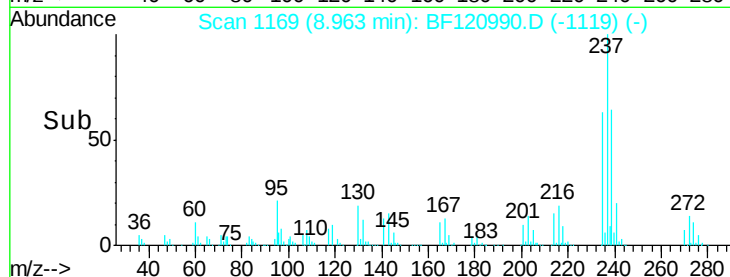
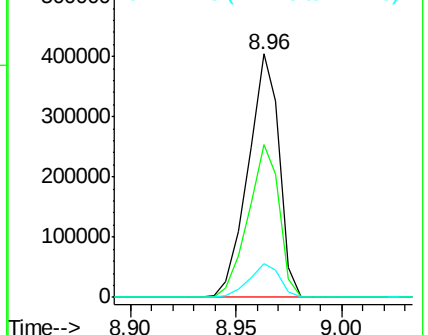
237 100

235 63.0 41.6 81.6

272 14.1 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: 116.335 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

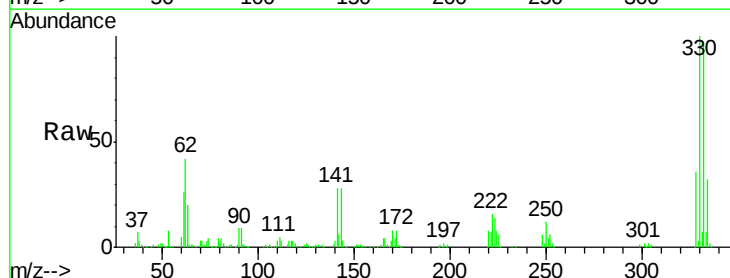
Tgt Ion:330 Resp: 402800

Ion Ratio Lower Upper

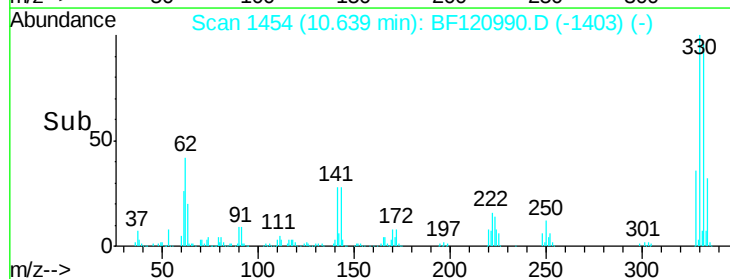
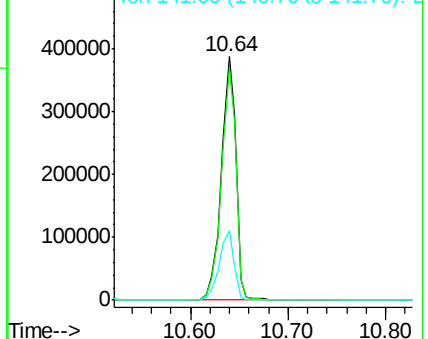
330 100

332 95.3 75.5 113.3

141 29.2 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

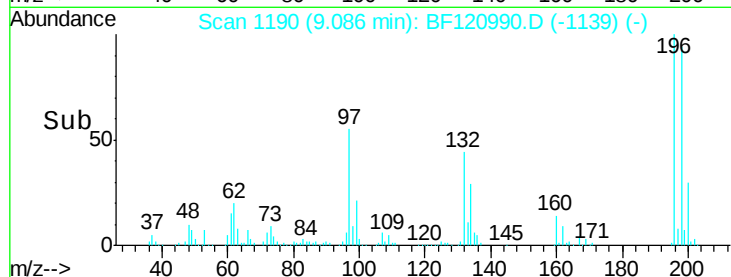
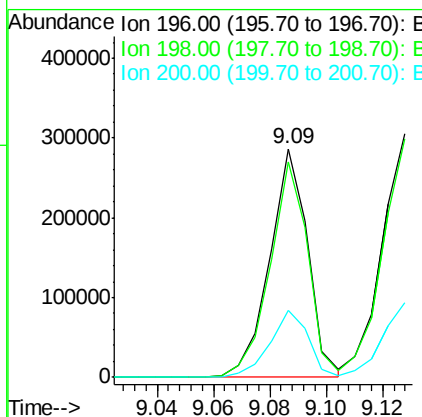
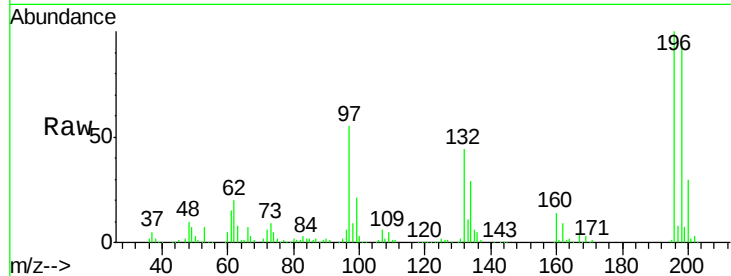




#43
 2,4,6-Trichlorophenol
 Concen: 41.088 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

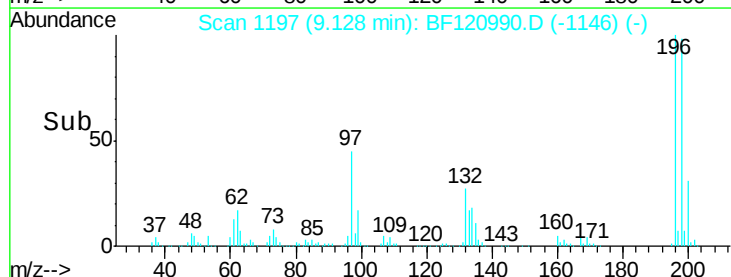
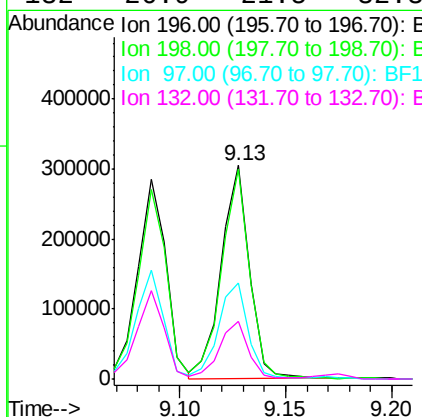
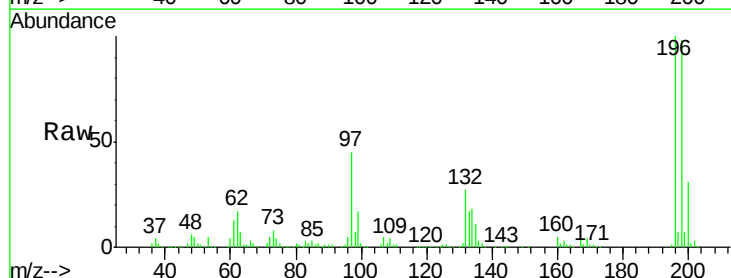
Instrument :
 BNA_F
 ClientSampleId :

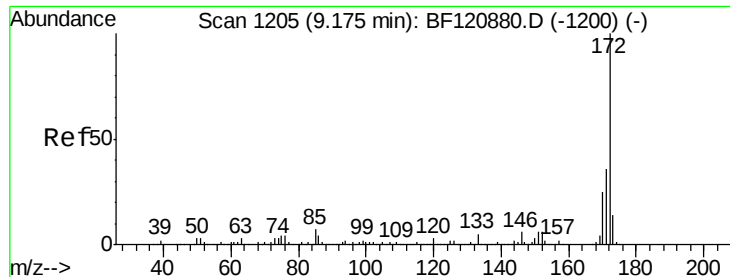
Tot Ion:196 Resp: 266621
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.7 113.5
 200 29.5 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 38.216 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Tgt Ion:196 Resp: 281298
 Ion Ratio Lower Upper
 196 100
 198 98.2 77.6 116.4
 97 45.1 35.6 53.4
 132 26.9 21.5 32.3

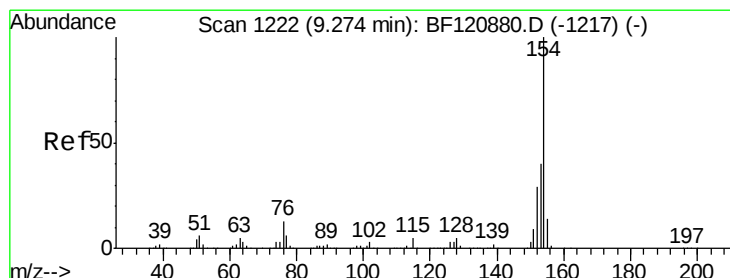
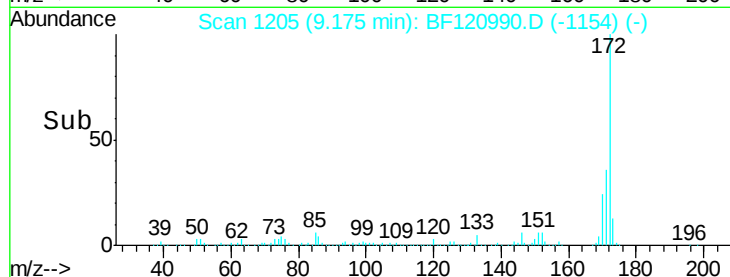
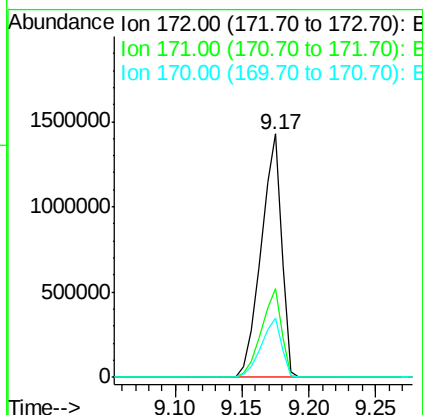
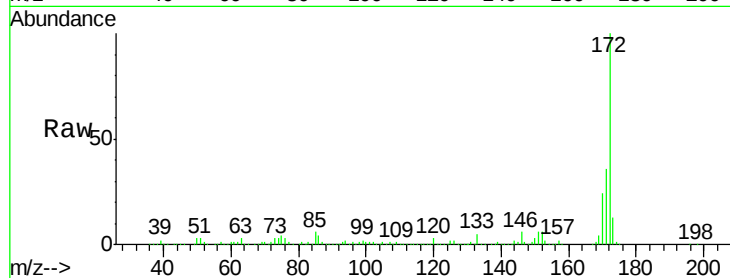




#45
2-Fluorobiphenyl
Concen: 70.888 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

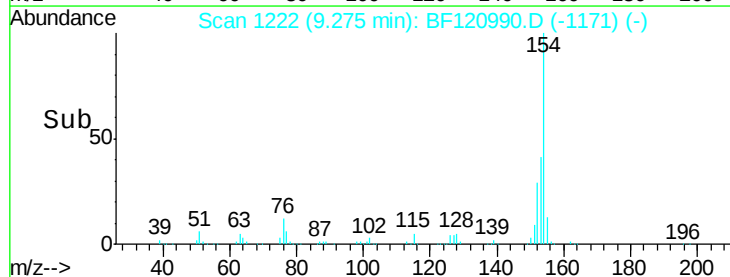
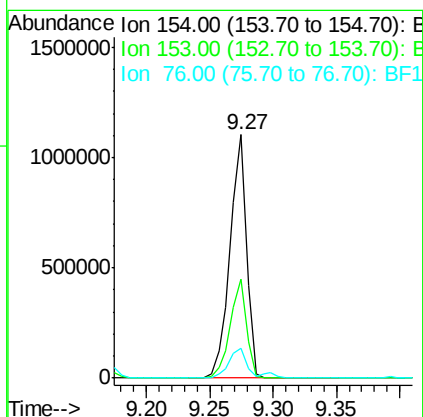
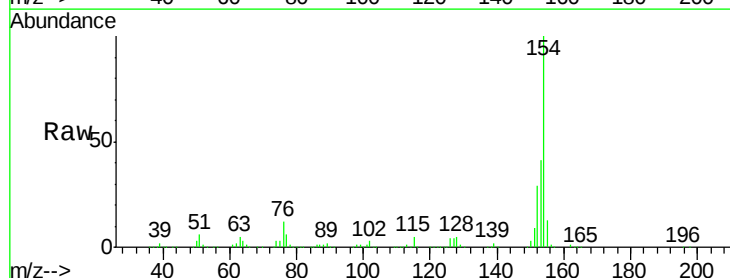
Instrument :
BNA_F
ClientSampleId :

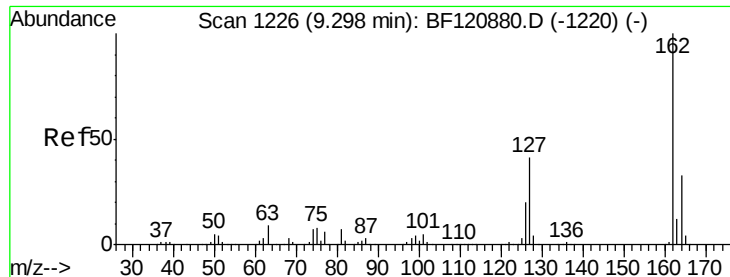
Tot Ion:172 Resp: 1501852
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 24.3 19.6 29.4



#46
1,1'-Biphenyl
Concen: 41.097 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion:154 Resp: 991615
Ion Ratio Lower Upper
154 100
153 40.9 20.4 60.4
76 12.4 0.0 33.1

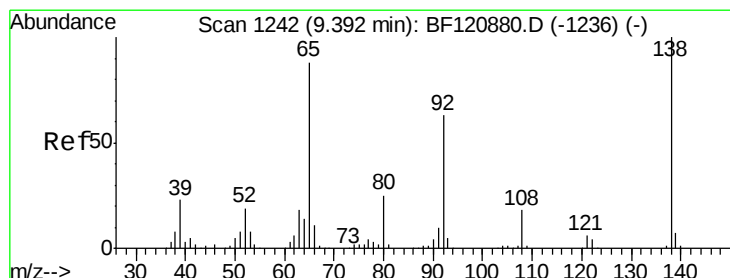
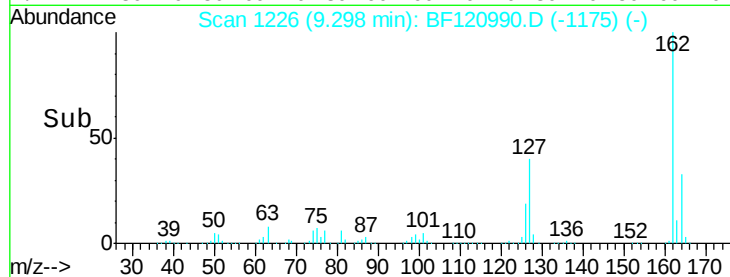
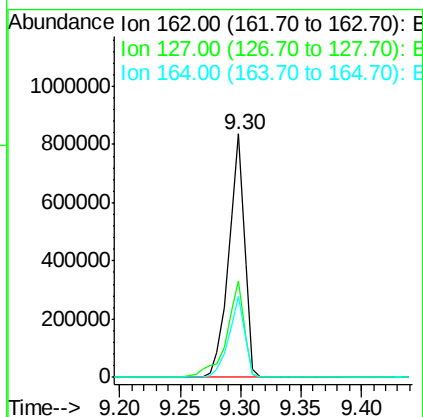
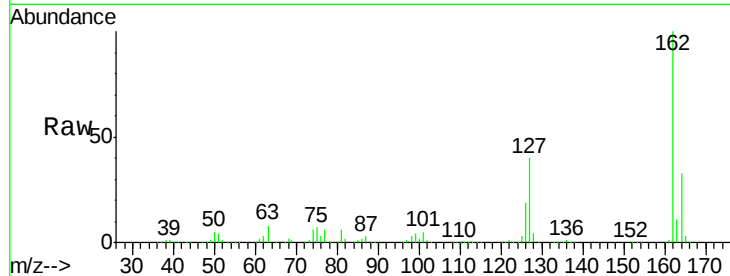




#47
 2-Chloronaphthalene
 Concen: 38.804 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

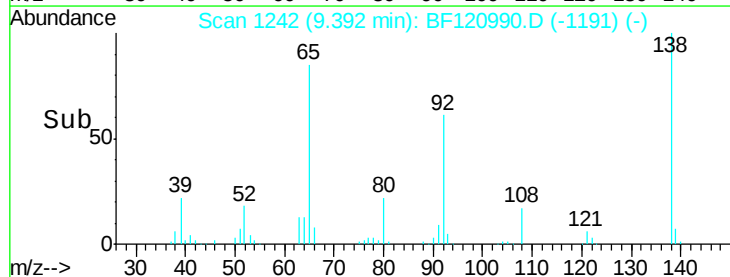
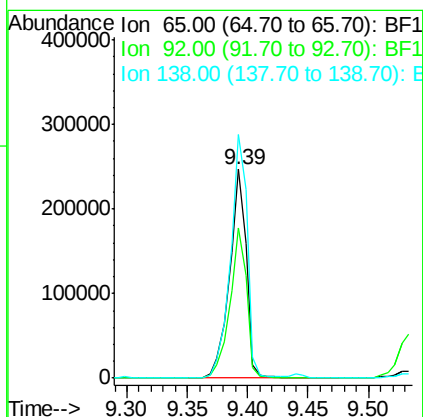
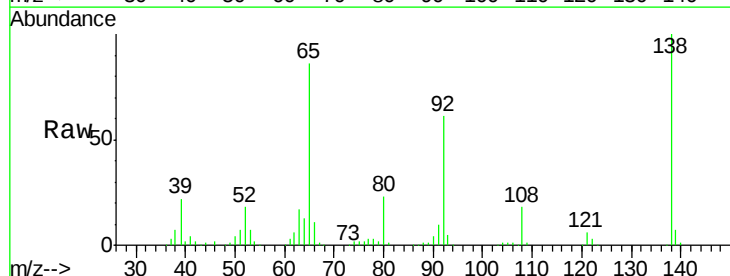
Instrument :
 BNA_F
 ClientSampleId :

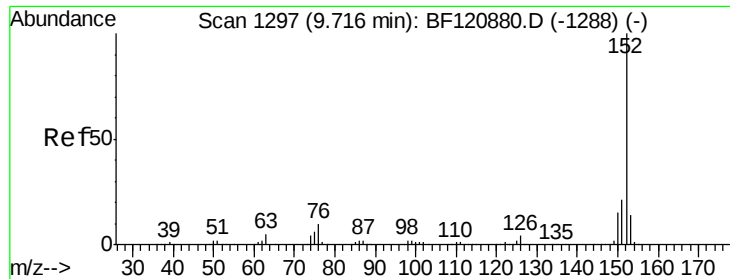
Tot Ion:162 Resp: 763365
 Ion Ratio Lower Upper
 162 100
 127 39.7 33.3 49.9
 164 33.1 26.6 39.8



#48
 2-Nitroaniline
 Concen: 40.083 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Tgt Ion: 65 Resp: 238295
 Ion Ratio Lower Upper
 65 100
 92 71.7 57.0 85.4
 138 116.6 90.4 135.6





#49

Acenaphthylene

Concen: 40.243 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

ClientSampleId :

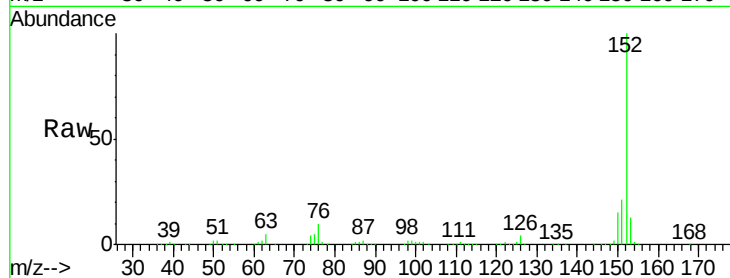
Tot Ion:152 Resp: 1229879

Ion Ratio Lower Upper

152 100

151 20.6 16.6 25.0

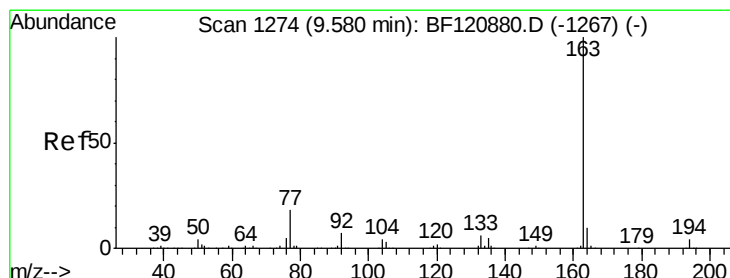
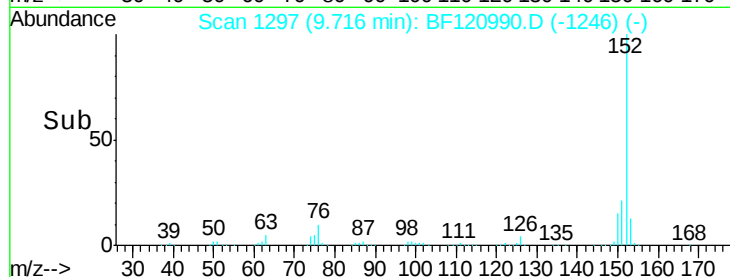
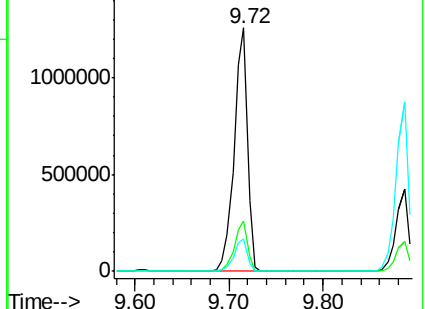
153 13.4 10.9 16.3



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: 40.259 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

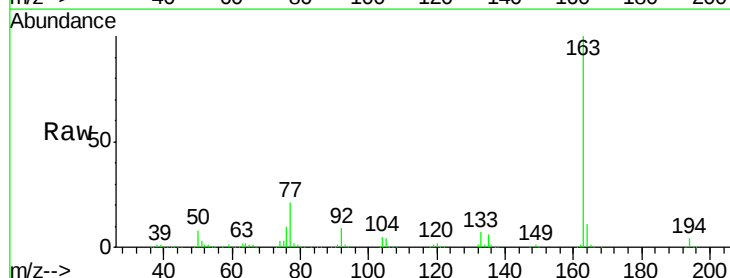
Tgt Ion:163 Resp: 918727

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

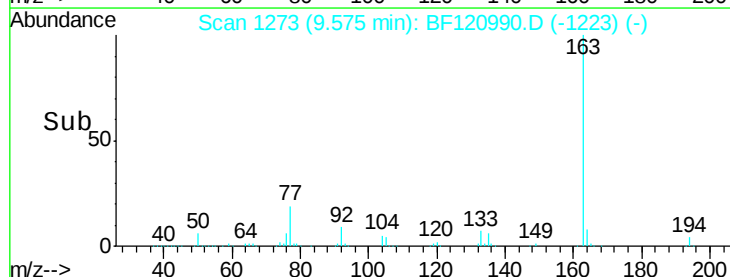
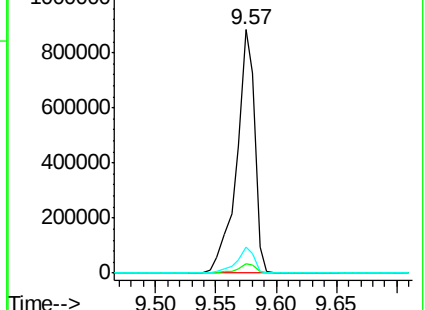
164 10.6 7.9 11.9

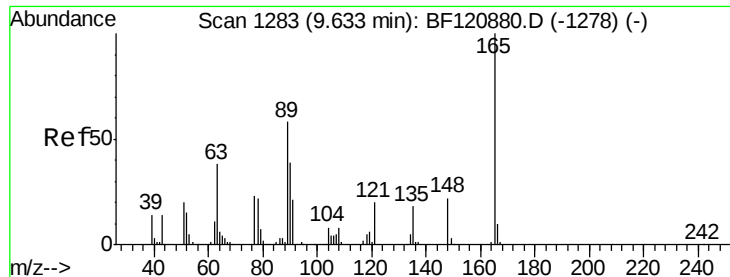


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

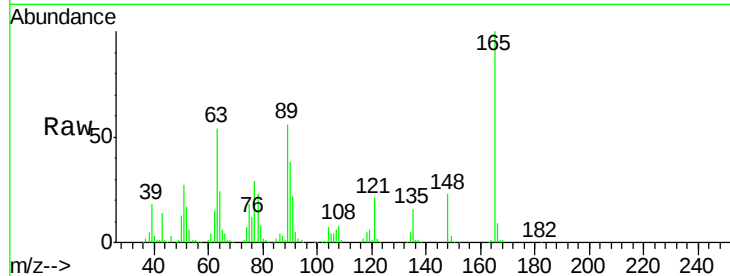




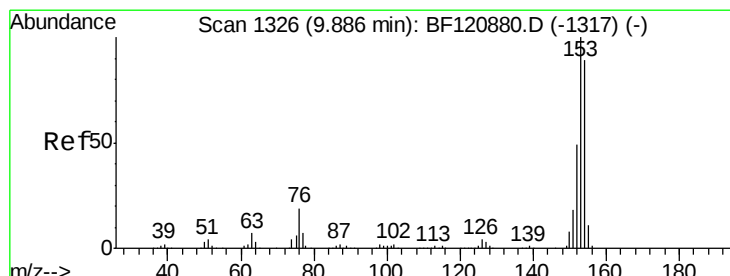
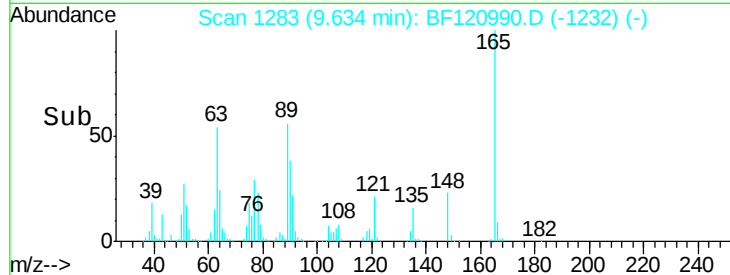
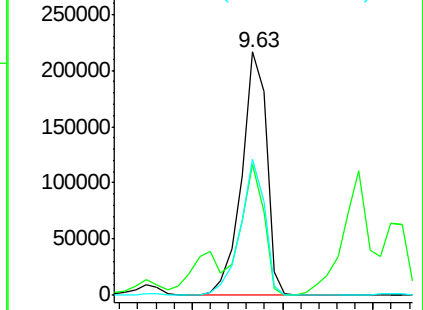
#51
 2,6-Dinitrotoluene
 Concen: 42.142 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.8	45.4	68.2
89	55.7	47.0	70.4

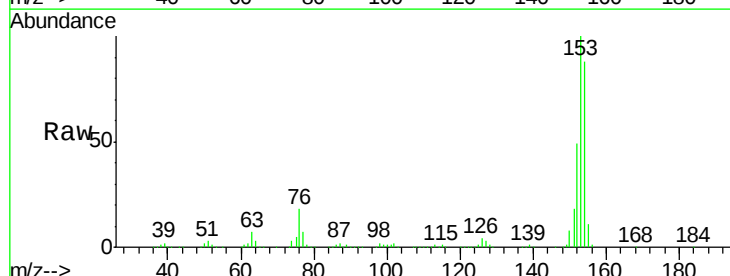


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

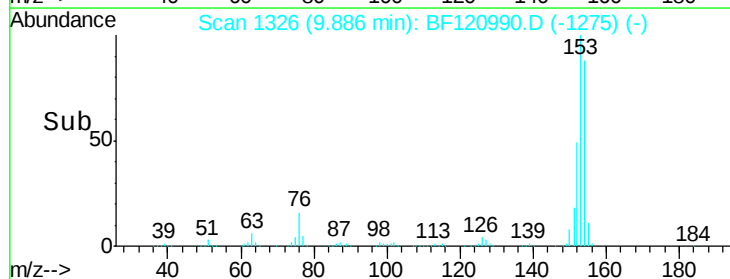
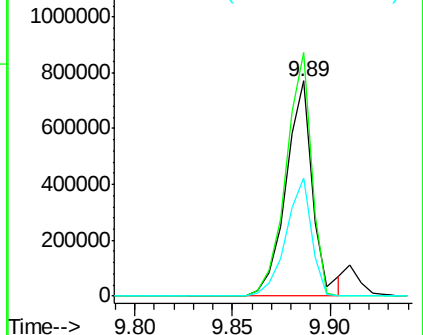


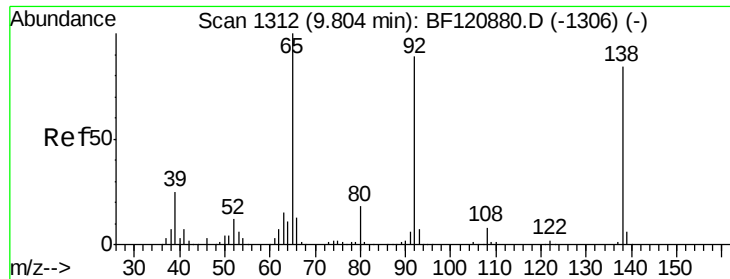
#52
 Acenaphthene
 Concen: 37.736 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.5	134.3
152	55.1	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

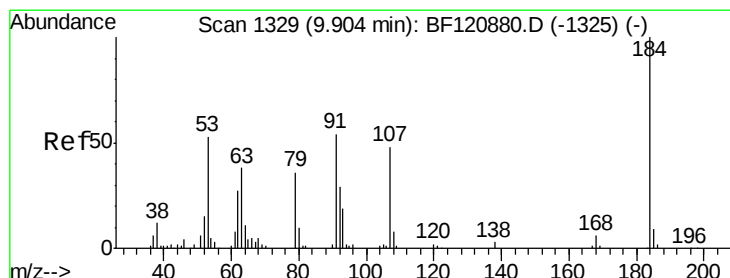
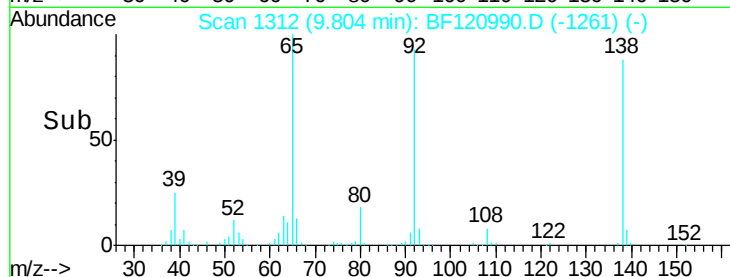
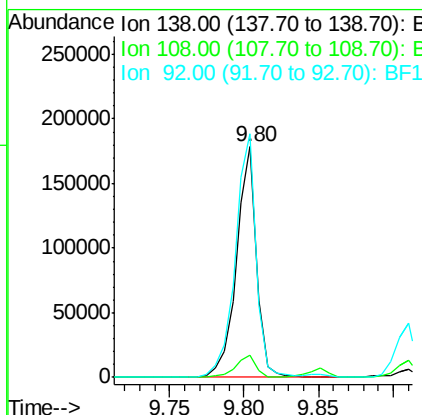
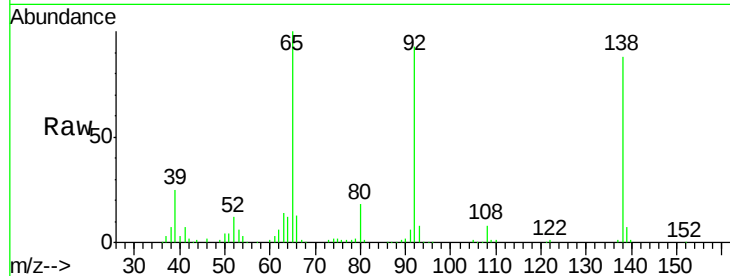




#53
3-Nitroaniline
Concen: 27.454 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

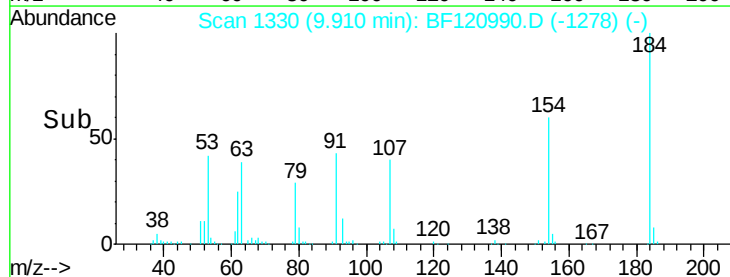
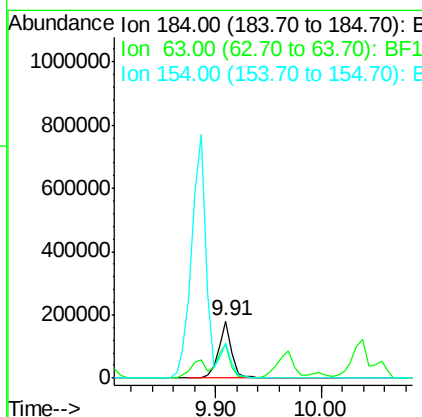
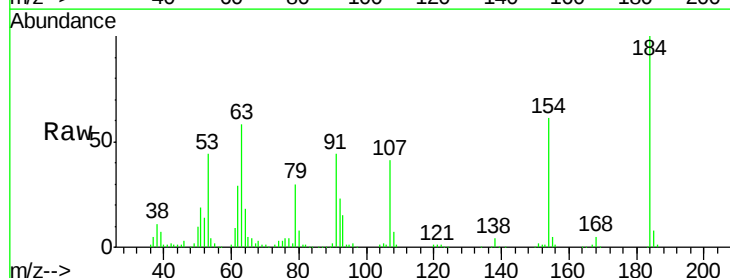
Instrument :
BNA_F
ClientSampleId :

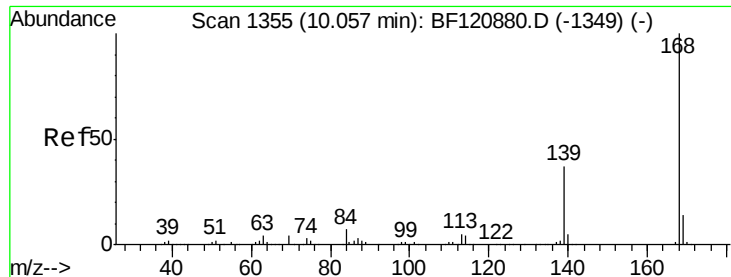
Tot Ion:138 Resp: 168811
Ion Ratio Lower Upper
138 100
108 9.4 7.9 11.9
92 105.7 85.3 127.9



#54
2,4-Dinitrophenol
Concen: 59.039 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion:184 Resp: 161085
Ion Ratio Lower Upper
184 100
63 58.4 57.9 86.9
154 60.6 52.6 78.8

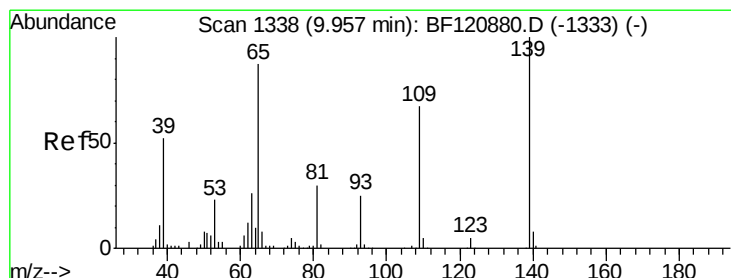
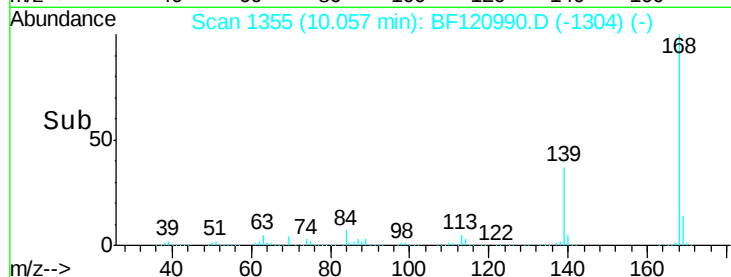
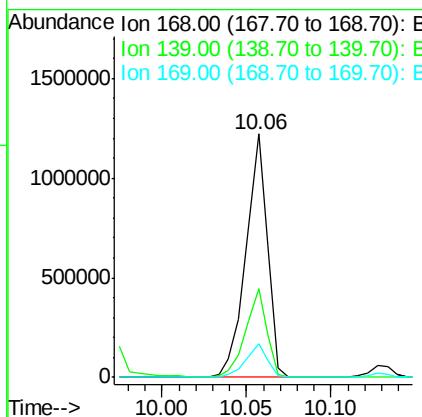
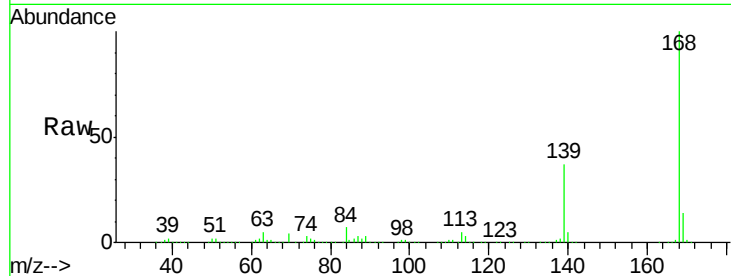




#55
Dibenzenofuran
Concen: 39.045 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

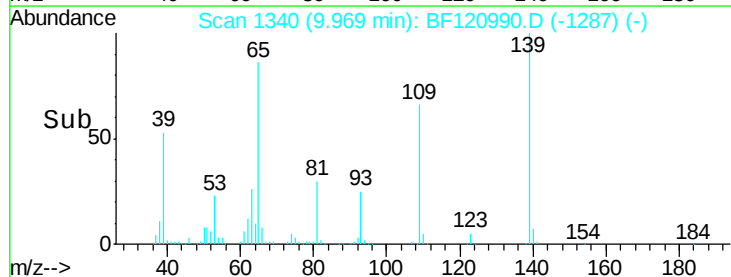
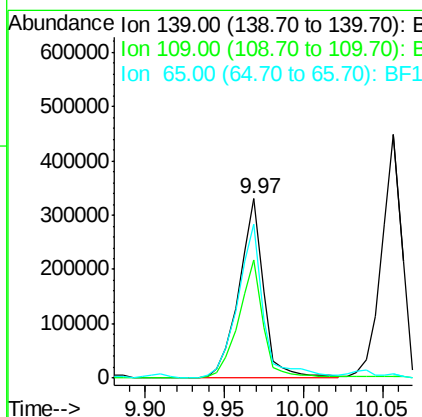
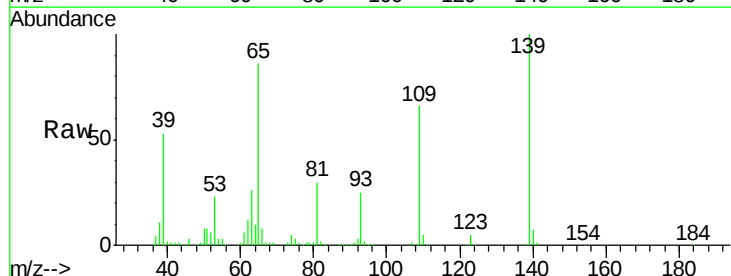
Instrument :
BNA_F
ClientSampleId :

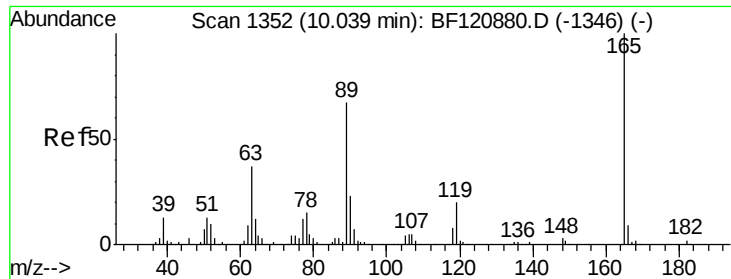
Tot Ion:168 Resp: 1097079
Ion Ratio Lower Upper
168 100
139 36.7 29.7 44.5
169 13.9 11.1 16.7



#56
4-Nitrophenol
Concen: 76.719 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion:139 Resp: 358347
Ion Ratio Lower Upper
139 100
109 66.0 47.3 87.3
65 86.3 67.2 107.2

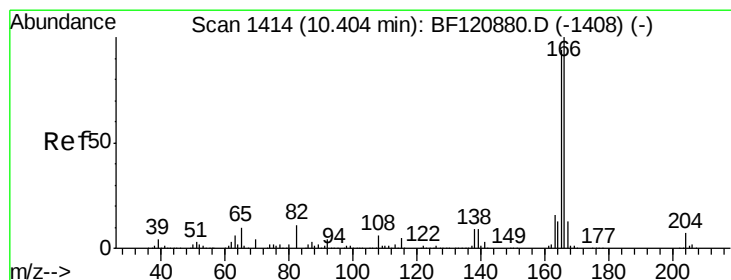
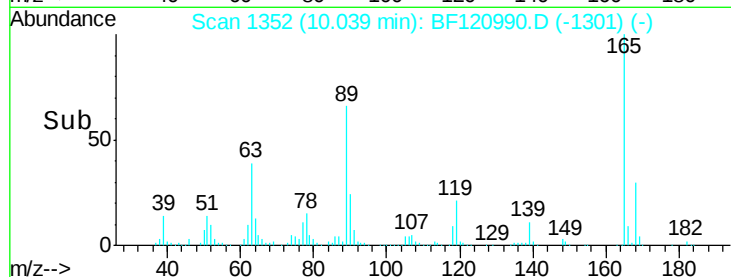
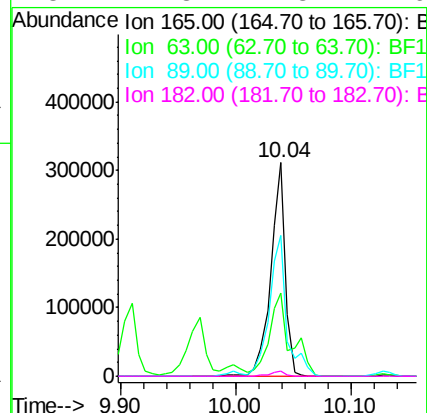
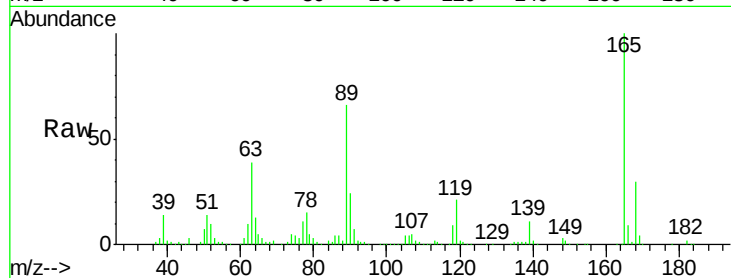




#57
2,4-Dinitrotoluene
Concen: 42.905 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

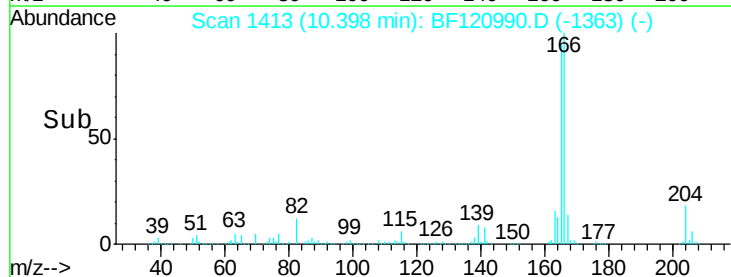
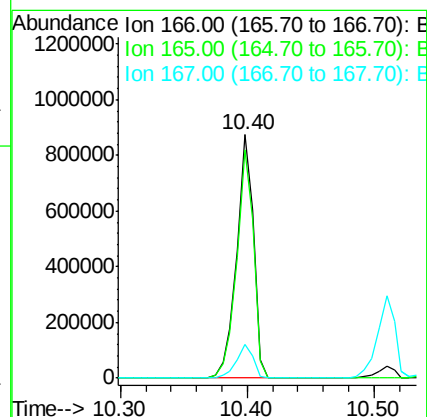
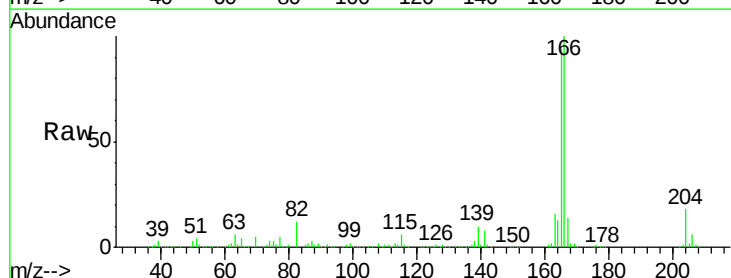
Instrument :
BNA_F
ClientSampled :

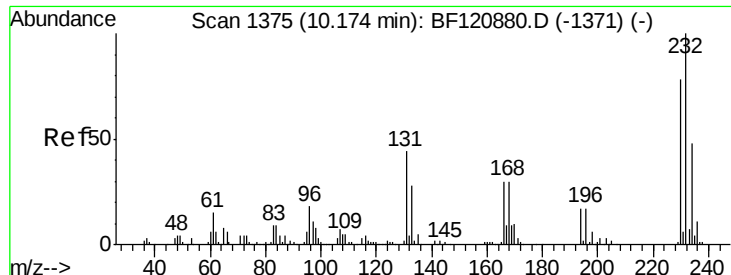
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.1	29.4	44.2
89	66.2	53.4	80.0
182	2.3	1.8	2.6



#58
Fluorene
Concen: 38.093 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.8	75.4	113.0
167	13.7	10.6	15.8

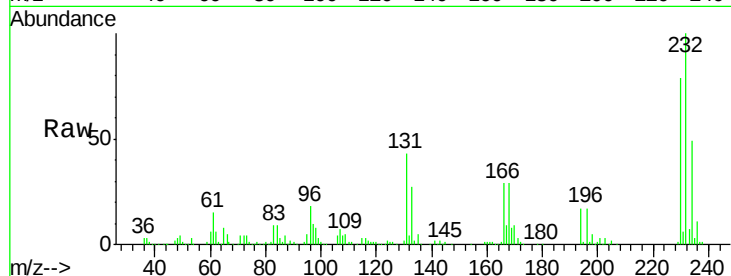




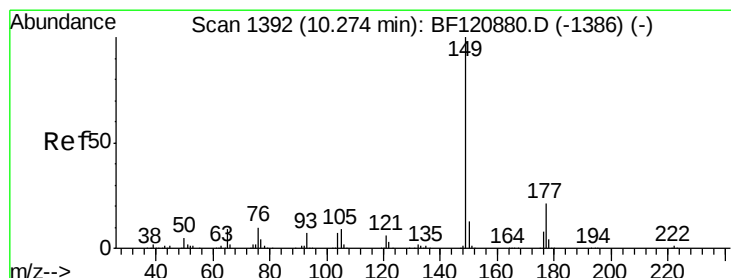
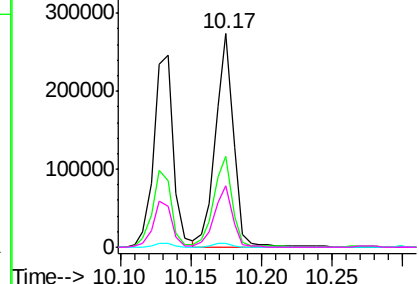
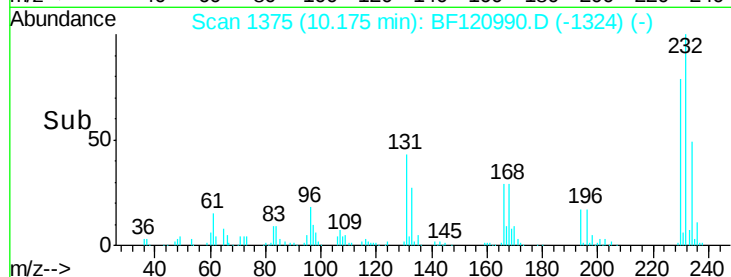
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.342 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	37.1	55.7
130	2.1	1.7	2.5
166	29.3	24.2	36.4

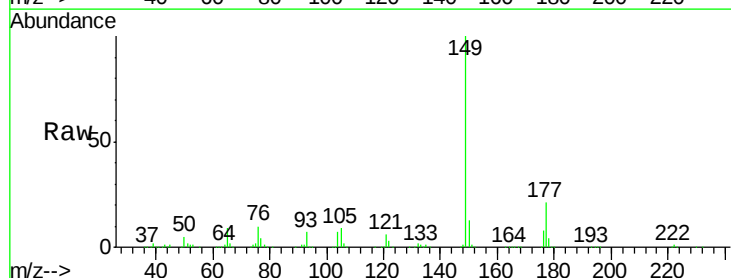


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

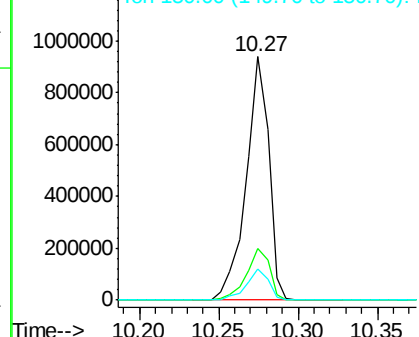
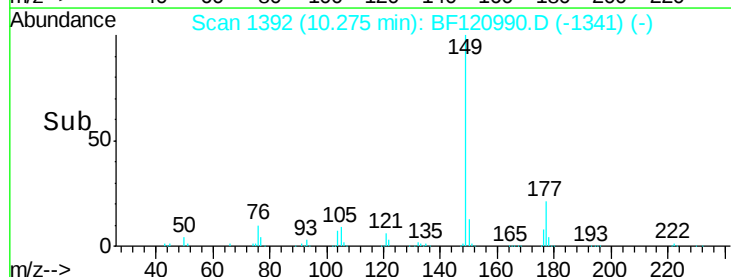


#60
 Diethylphthalate
 Concen: 40.198 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.1	25.7
150	12.6	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

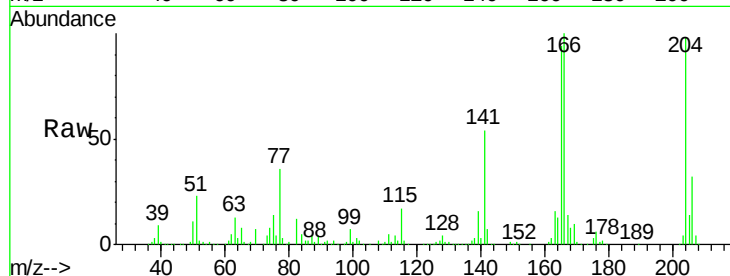




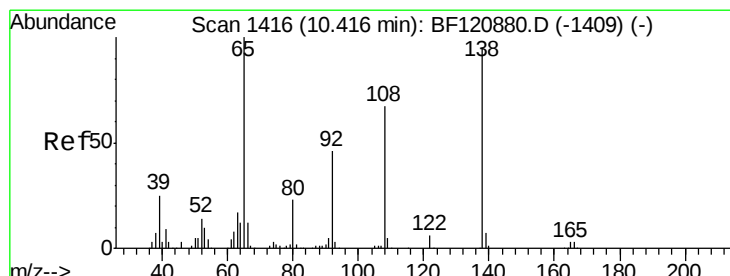
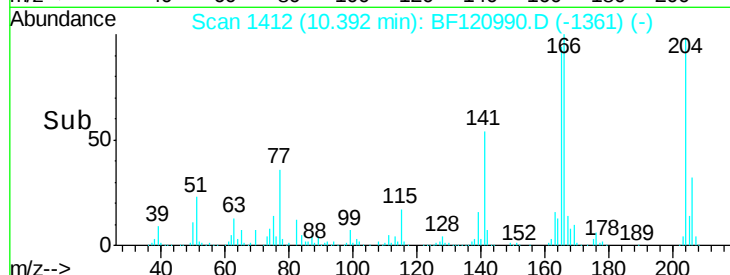
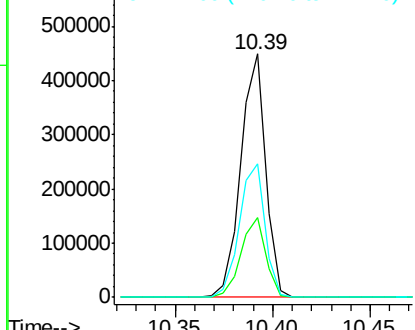
#61
4-Chlorophenyl-phenylether
Concen: 35.382 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 395473
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 54.8 47.2 70.8

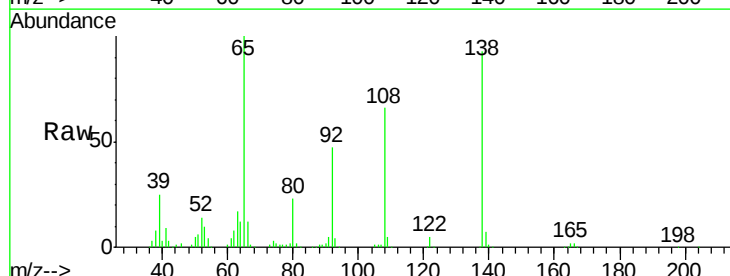


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

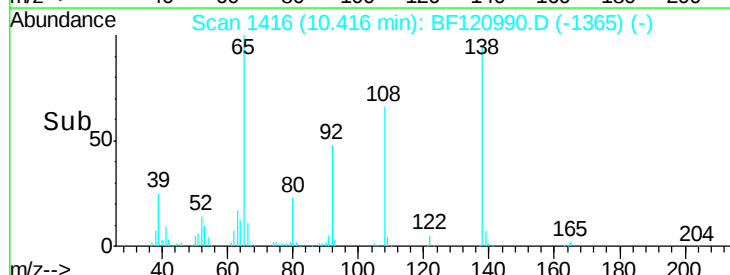
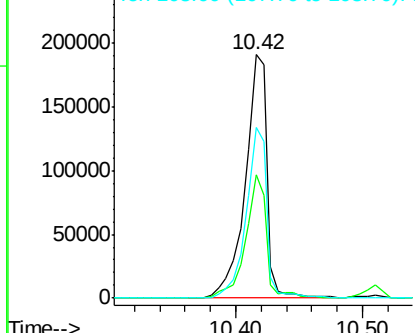


#62
4-Nitroaniline
Concen: 38.087 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion:138 Resp: 228128
Ion Ratio Lower Upper
138 100
92 50.7 28.6 68.6
108 70.2 51.1 91.1



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





#63

Azobenzene

Concen: 39.856 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 875822

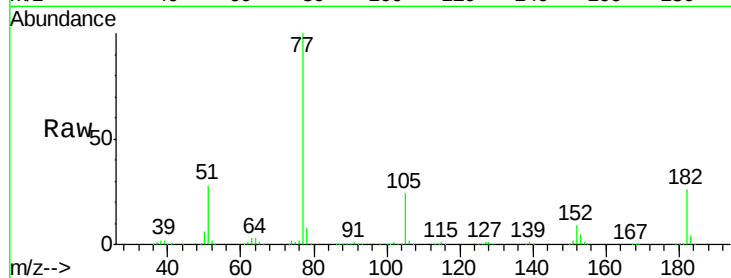
Ion Ratio Lower Upper

77 100

182 26.0 7.8 47.8

105 23.9 4.4 44.4

51 28.2 8.0 48.0

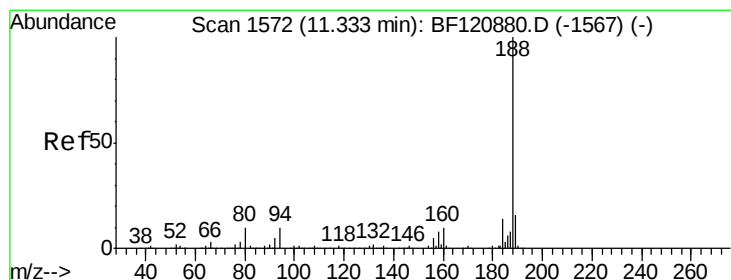
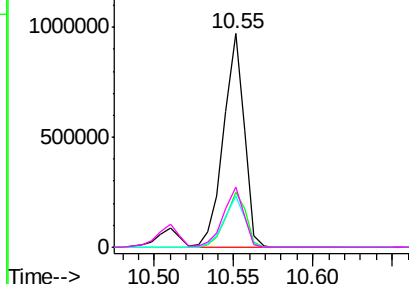
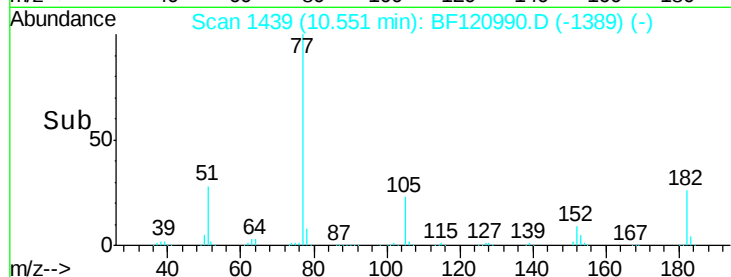


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

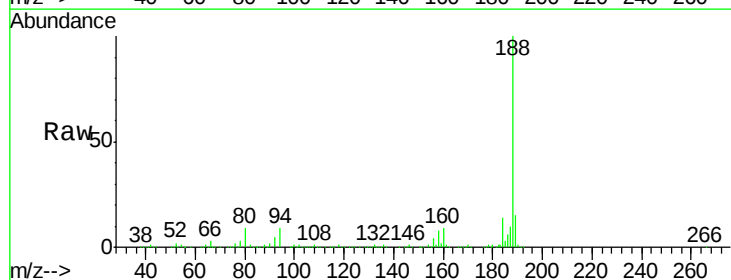
Tgt Ion: 188 Resp: 612934

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

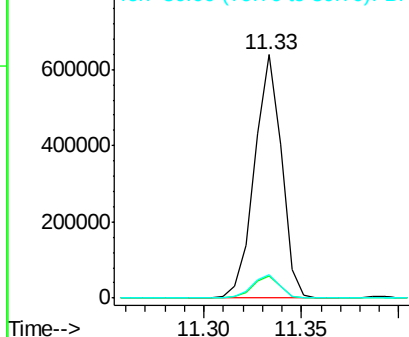
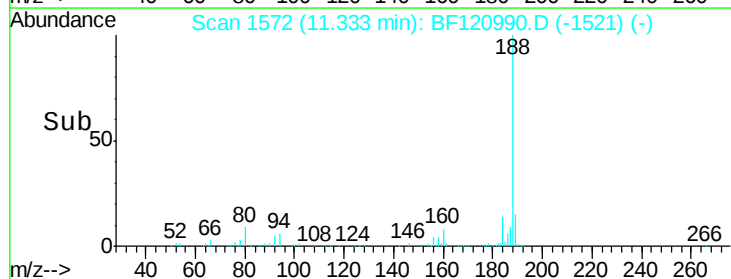
80 9.4 8.3 12.5

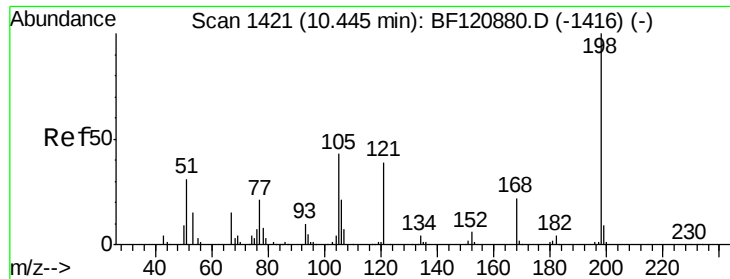


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

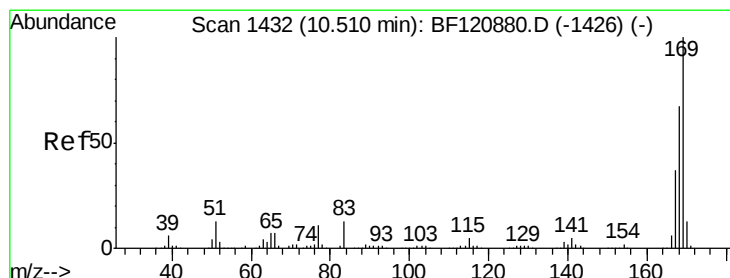
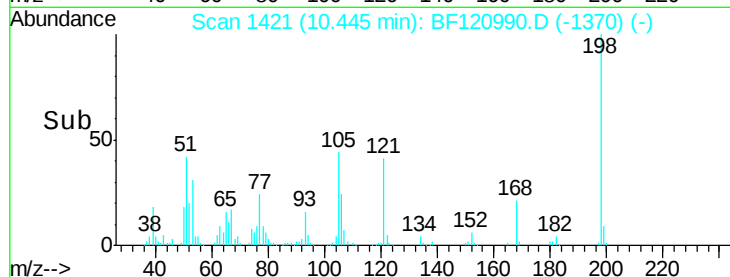
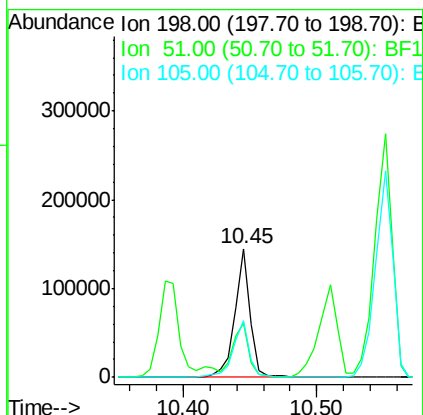
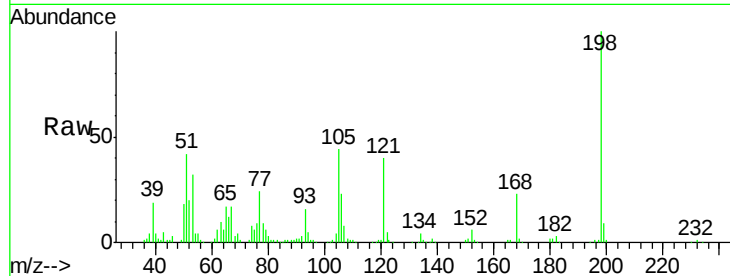




#65
4,6-Dinitro-2-methylphenol
Concen: 34.508 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

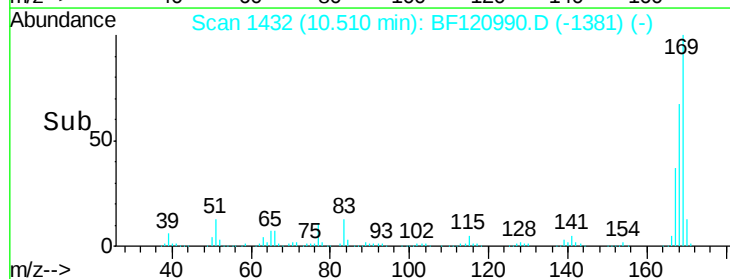
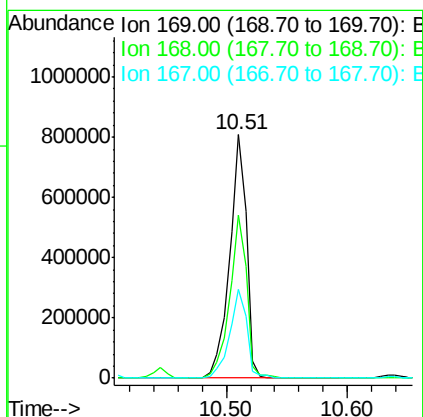
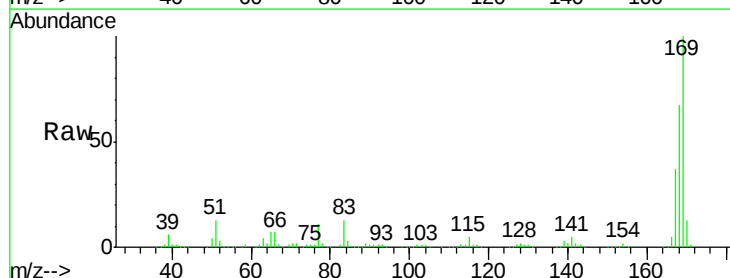
Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 118250
Ion Ratio Lower Upper
198 100
51 42.1 19.5 59.5
105 44.1 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 40.594 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion:169 Resp: 782715
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.0
167 36.7 29.4 44.0

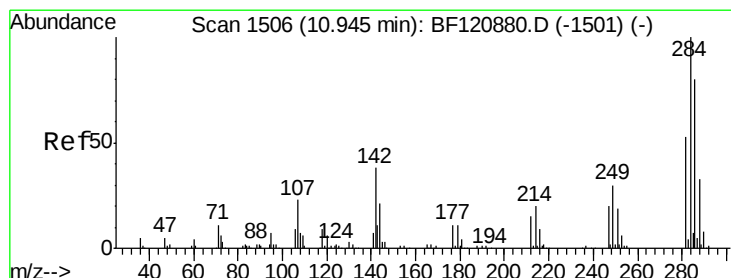
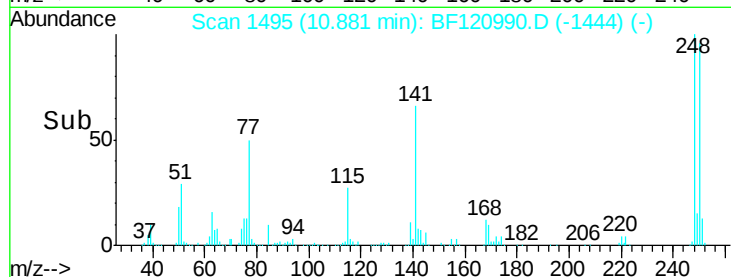
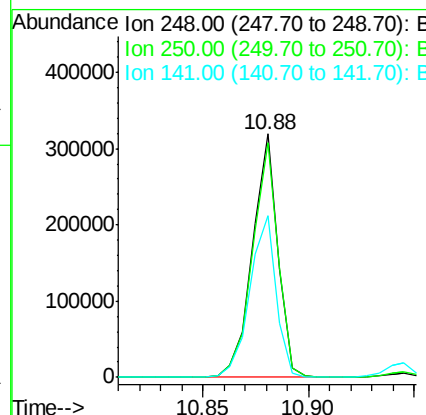
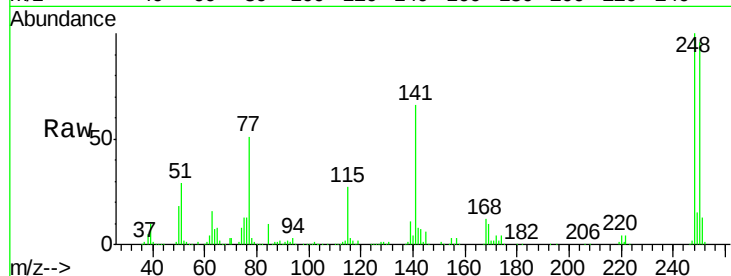




#67
4-Bromophenyl-phenylether
Concen: 39.013 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

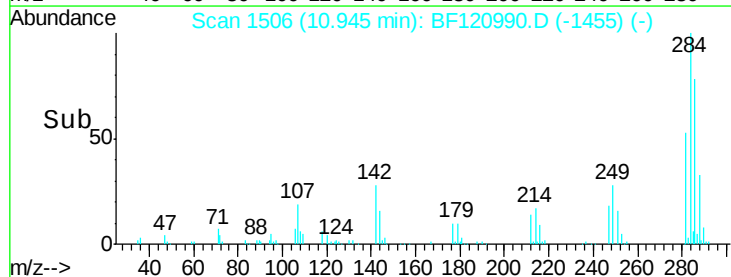
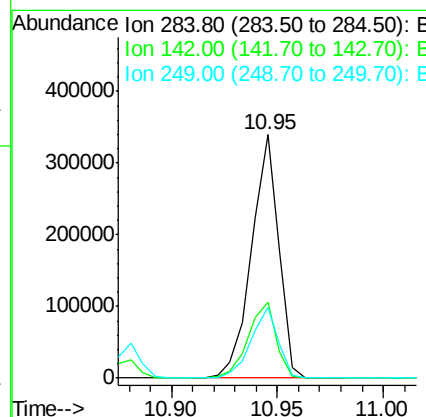
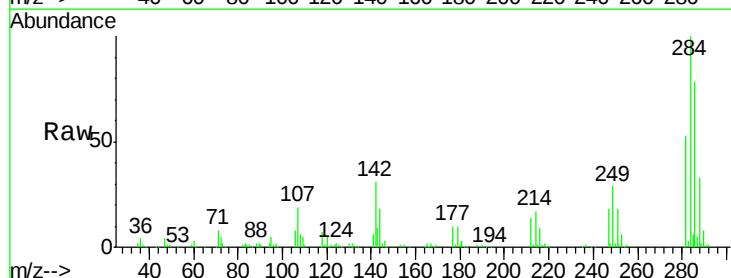
Instrument :
BNA_F
ClientSampleId :

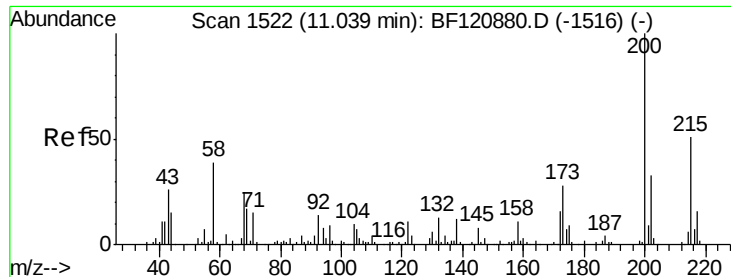
Tot Ion:248 Resp: 266605
Ion Ratio Lower Upper
248 100
250 96.4 77.1 115.7
141 66.4 61.2 91.8



#68
Hexachlorobenzene
Concen: 41.128 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion:284 Resp: 304028
Ion Ratio Lower Upper
284 100
142 31.0 30.2 45.2
249 29.3 24.2 36.2

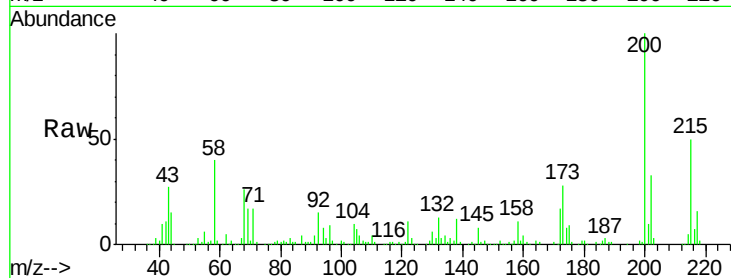




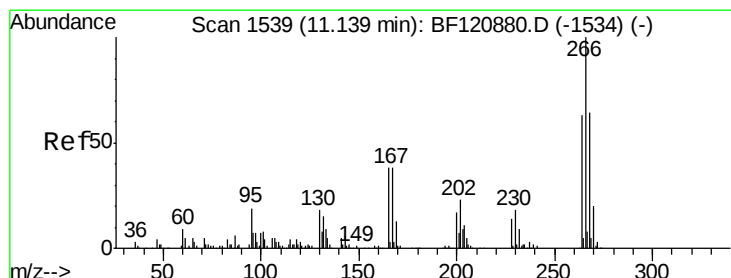
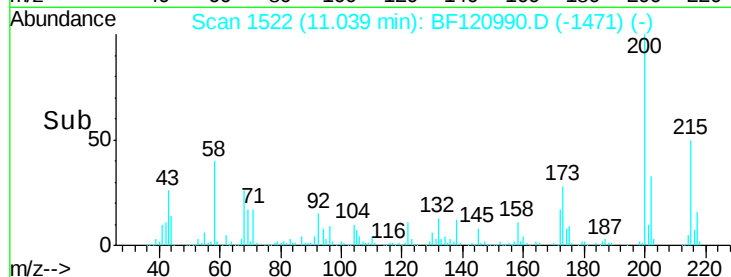
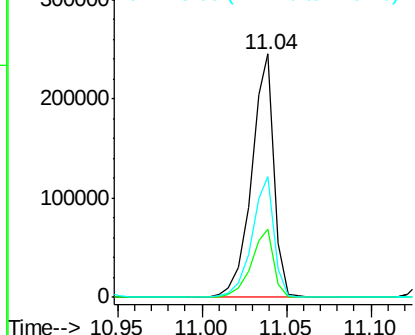
#69
 Atrazine
 Concen: 47.623 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 227413
 Ion Ratio Lower Upper
 200 100
 173 27.8 8.0 48.0
 215 49.8 31.5 71.5

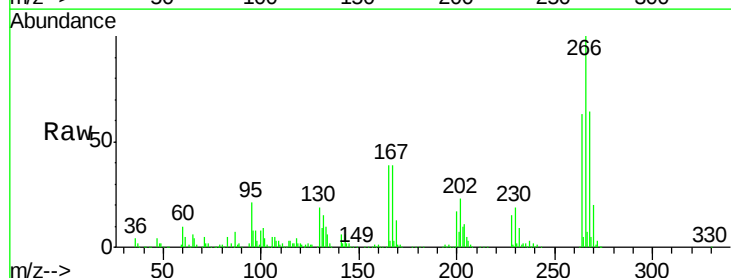


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

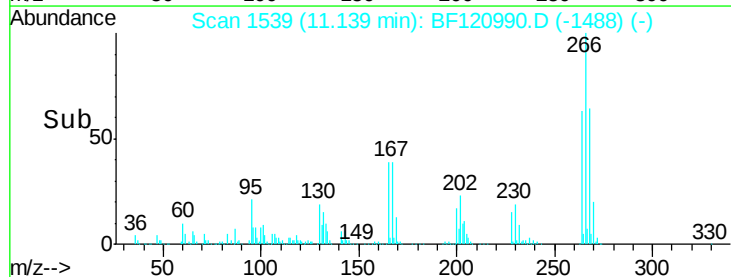
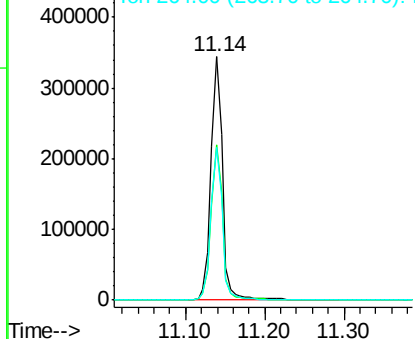


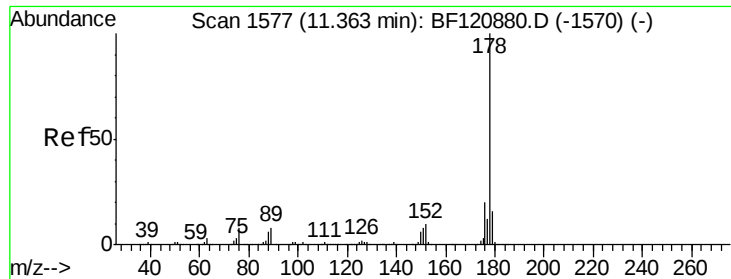
#70
 Pentachlorophenol
 Concen: 82.455 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Tgt Ion:266 Resp: 349194
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 62.6 50.2 75.2



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





#71

Phenanthrene

Concen: 39.424 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

ClientSampleId :

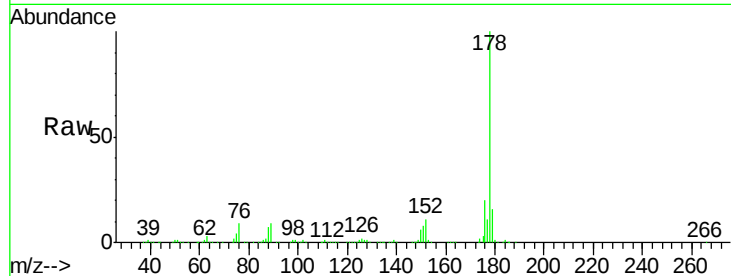
Tot Ion:178 Resp: 1242789

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.4

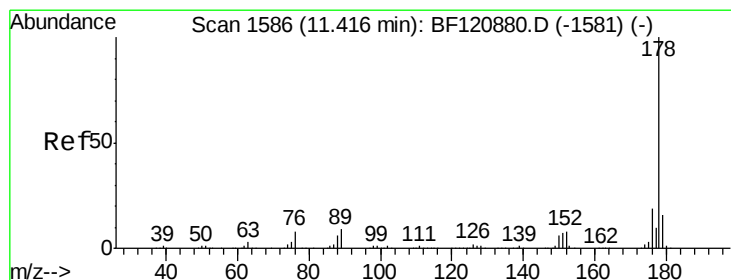
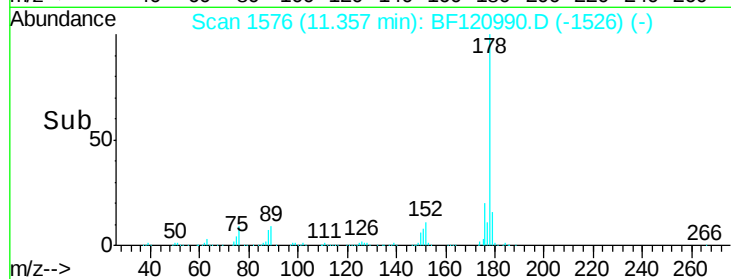
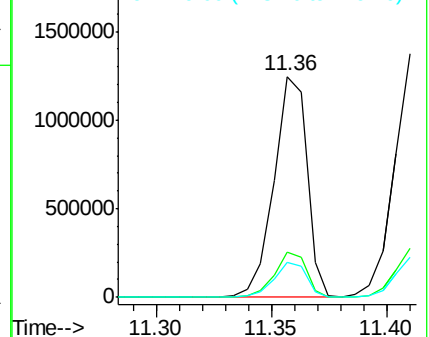
179 15.9 12.8 19.2



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: 40.803 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

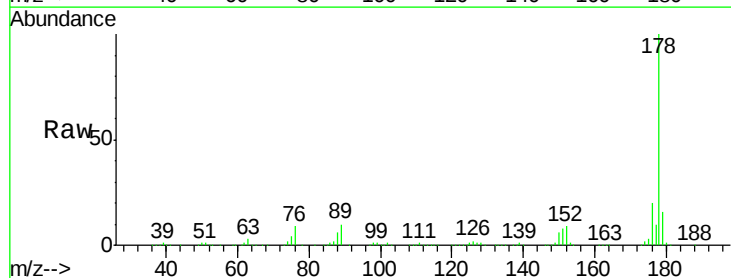
Tgt Ion:178 Resp: 1291593

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

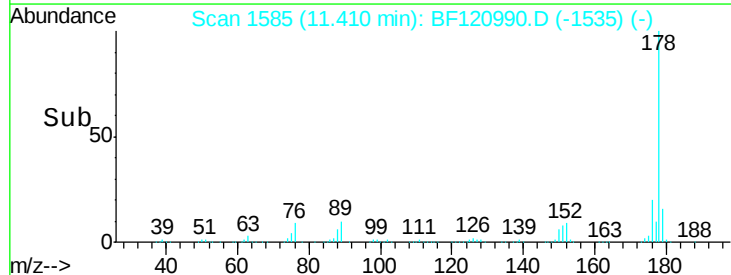
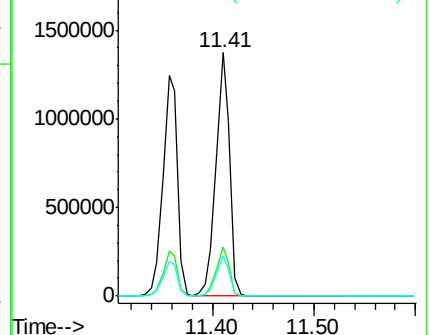
179 16.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

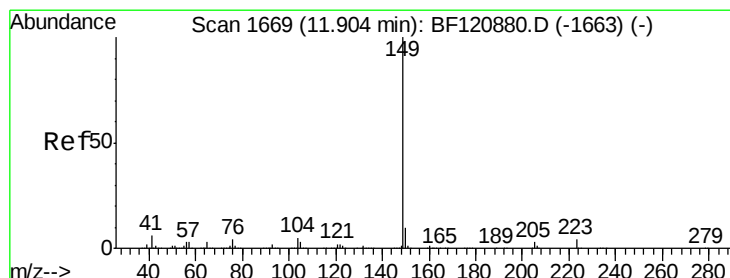
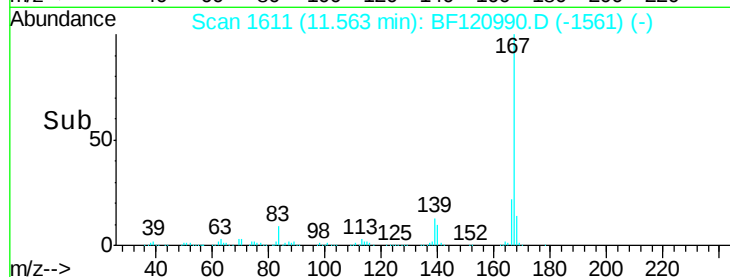
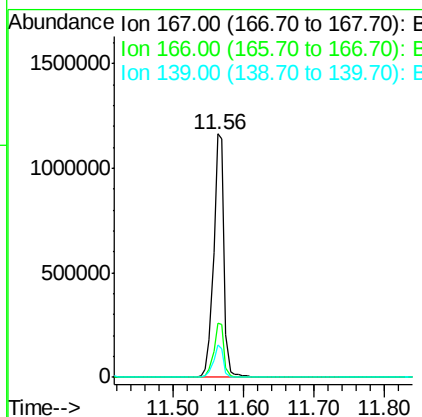
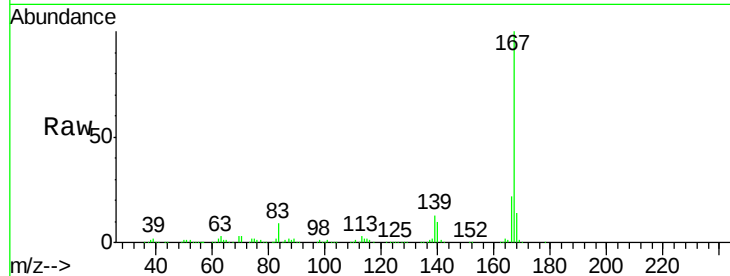




#73
 Carbazole
 Concen: 38.667 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

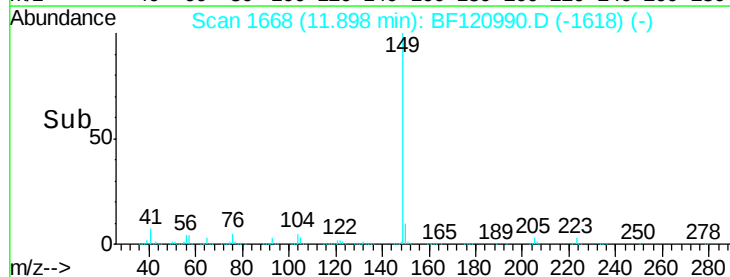
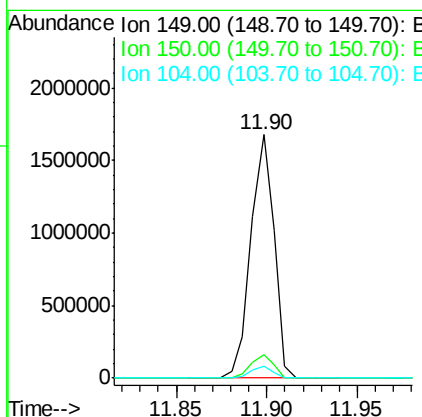
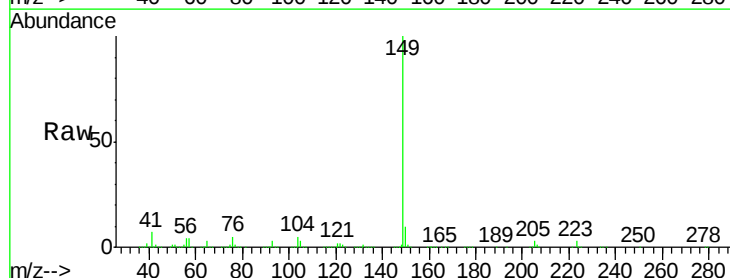
Instrument :
 BNA_F
 ClientSampleId :

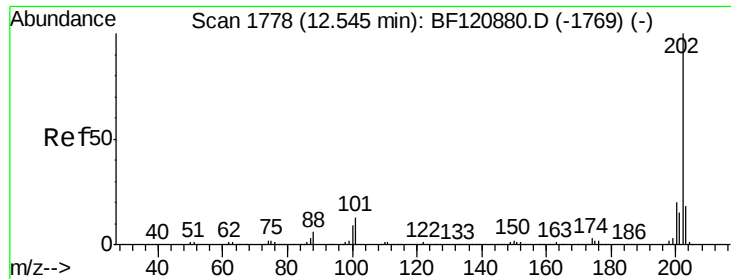
Tot Ion:167 Resp: 1214673
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 13.1 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 41.265 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Tgt Ion:149 Resp: 1495929
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 4.9 3.8 5.6

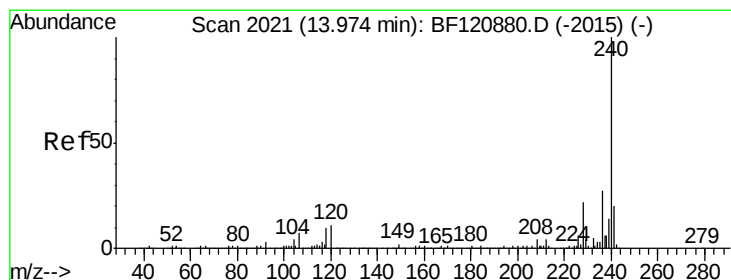
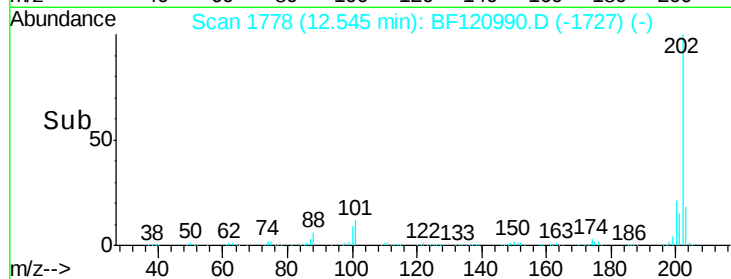
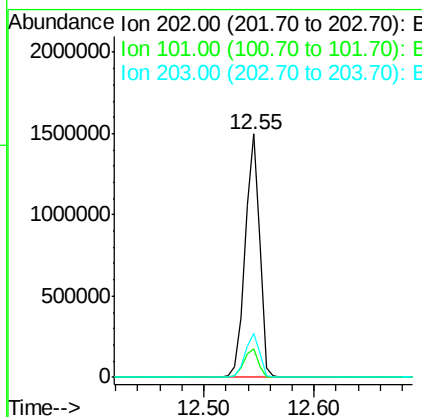
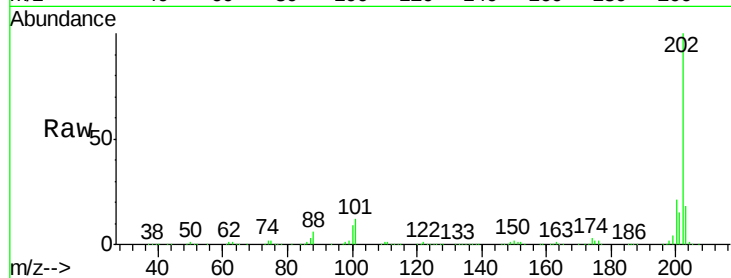




#75
 Fluoranthene
 Concen: 39.317 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

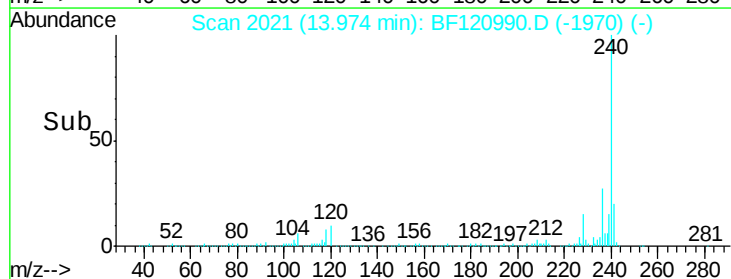
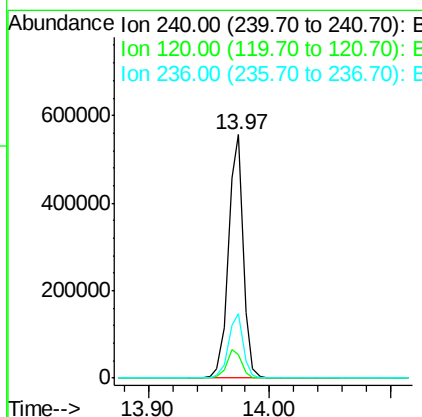
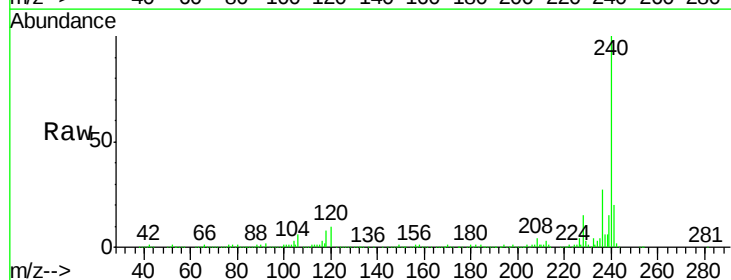
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1373799
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 32.7
 203 18.1 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Tgt Ion:240 Resp: 472022
 Ion Ratio Lower Upper
 240 100
 120 9.6 9.0 13.4
 236 26.7 21.7 32.5





#77

Benzidine

Concen: 62.691 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

ClientSampleId :

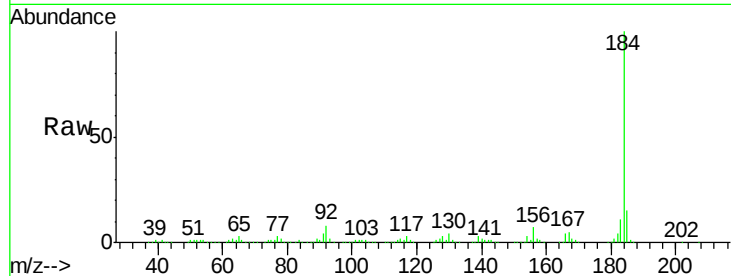
Tot Ion:184 Resp: 778010

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

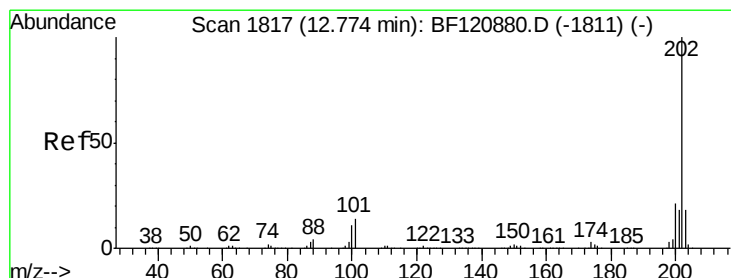
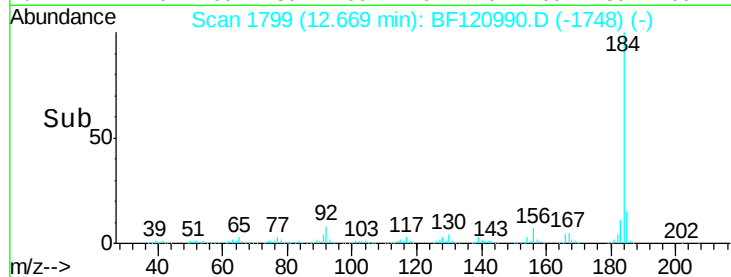
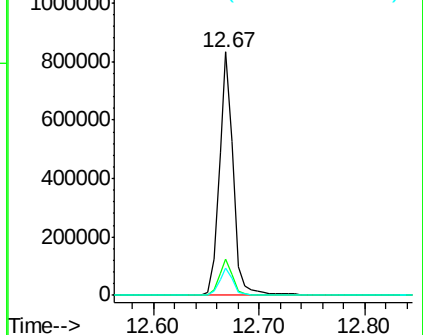
183 11.1 8.5 12.7



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: 41.922 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

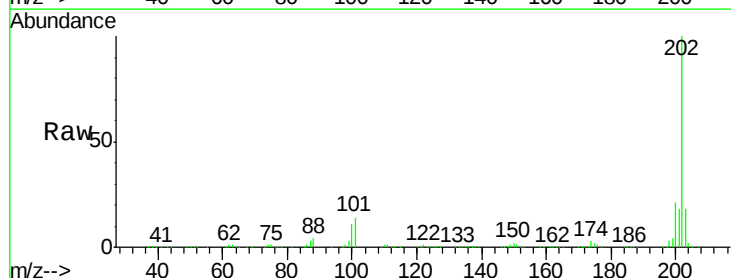
Tgt Ion:202 Resp: 1399036

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

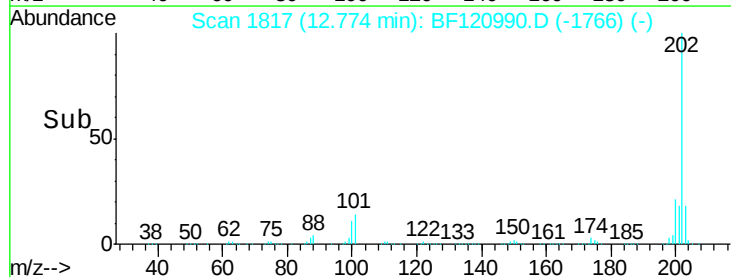
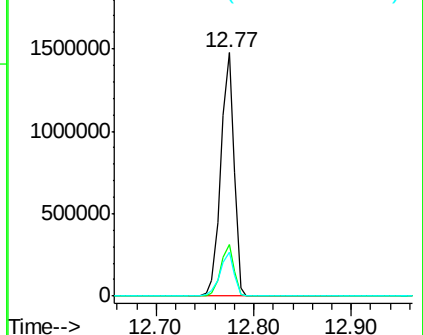
203 18.1 14.4 21.6



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: 74.059 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

ClientSampleId :

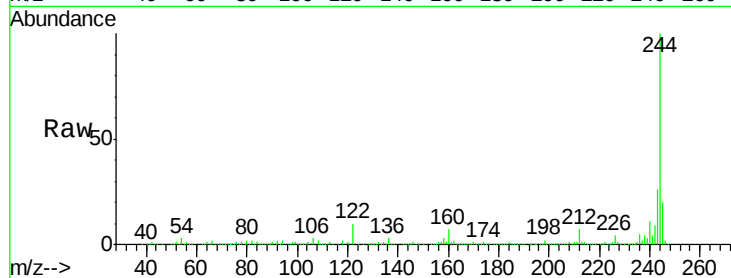
Tot Ion:244 Resp: 1608143

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

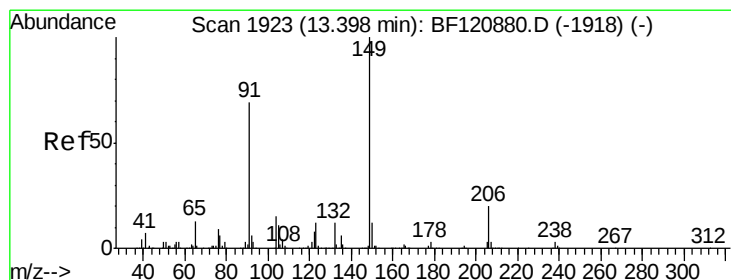
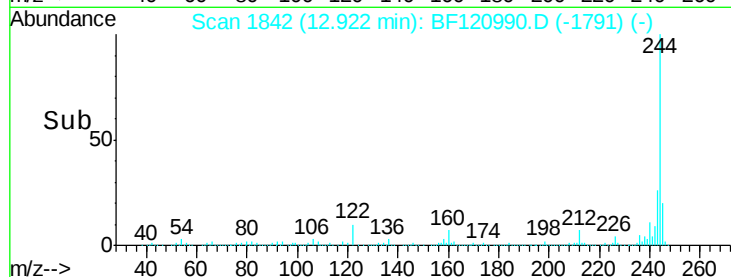
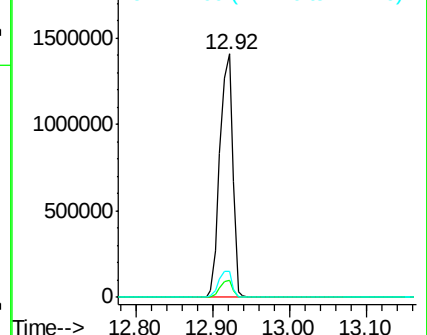
122 10.5 8.9 13.3



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: 44.400 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

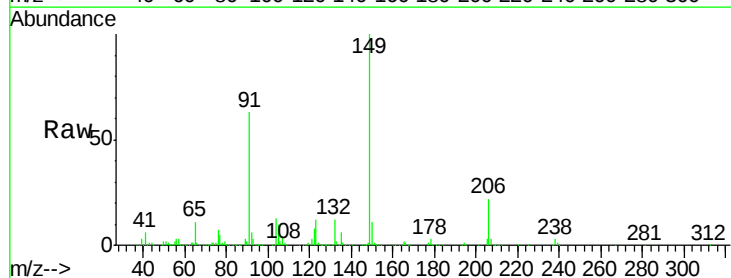
Tgt Ion:149 Resp: 660527

Ion Ratio Lower Upper

149 100

91 63.1 55.1 82.7

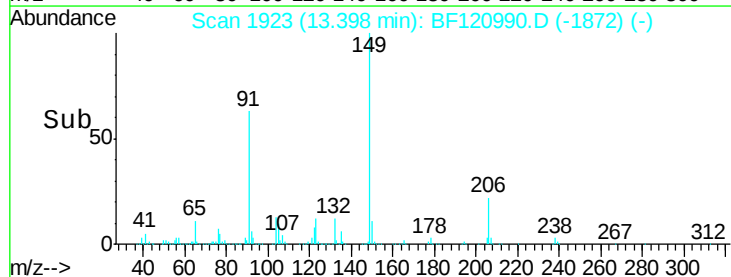
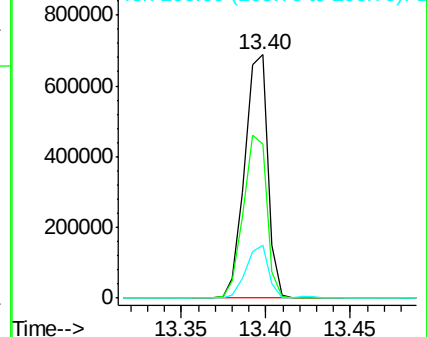
206 21.7 16.1 24.1

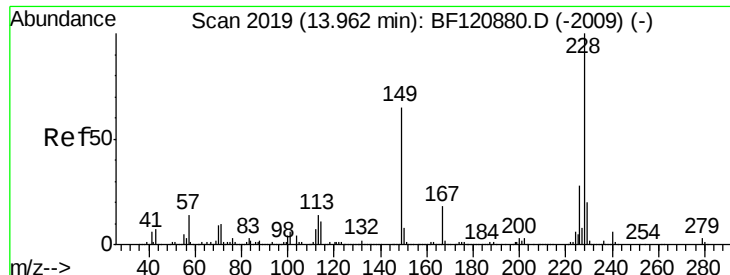


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.299 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

ClientSampleId :

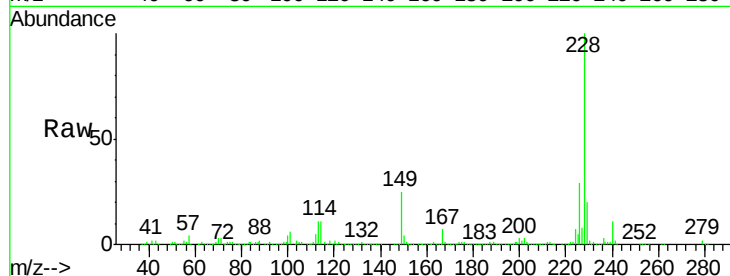
Tot Ion:228 Resp: 1123306

Ion Ratio Lower Upper

228 100

226 28.5 22.3 33.5

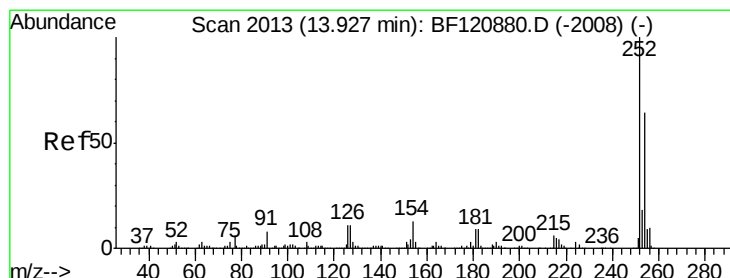
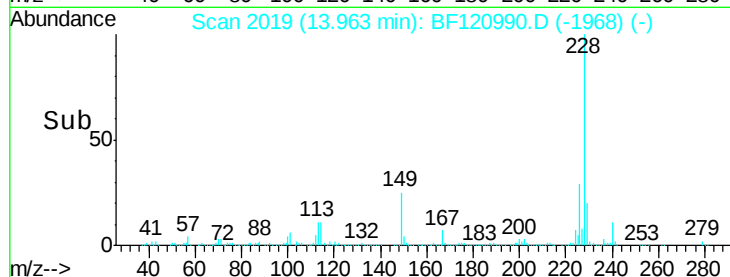
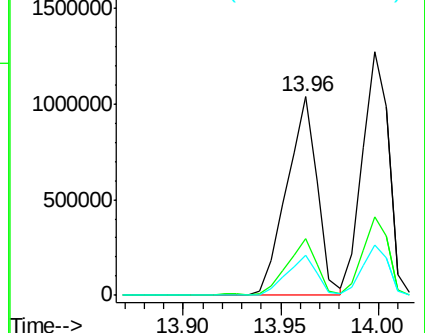
229 20.3 16.1 24.1



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: 38.557 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

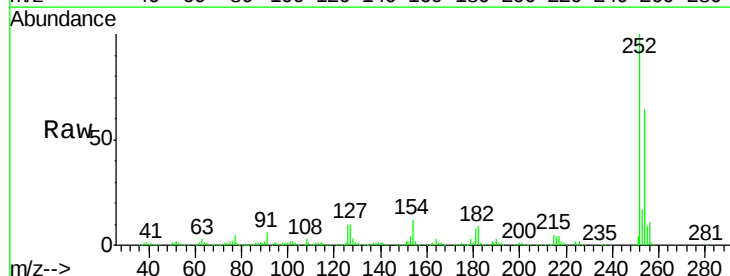
Tgt Ion:252 Resp: 415782

Ion Ratio Lower Upper

252 100

254 63.7 51.2 76.8

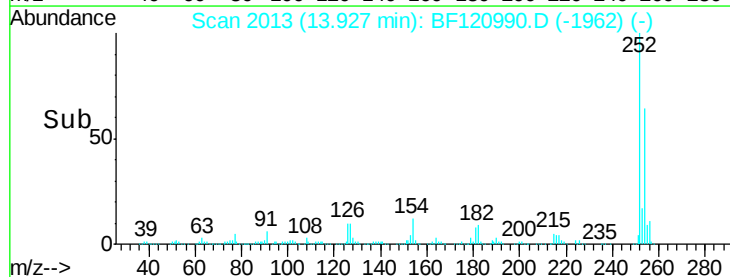
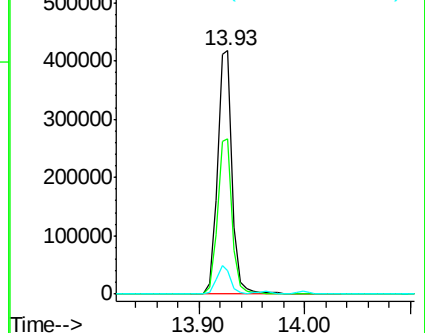
126 9.8 8.7 13.1

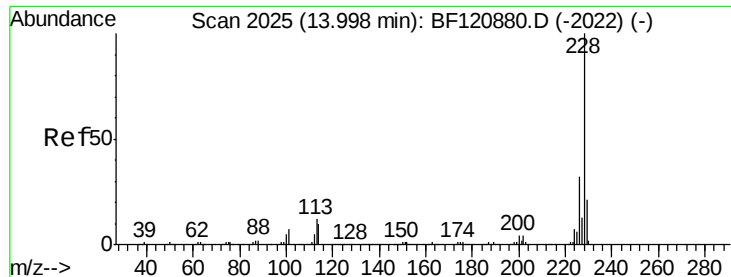


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.874 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

ClientSampleId :

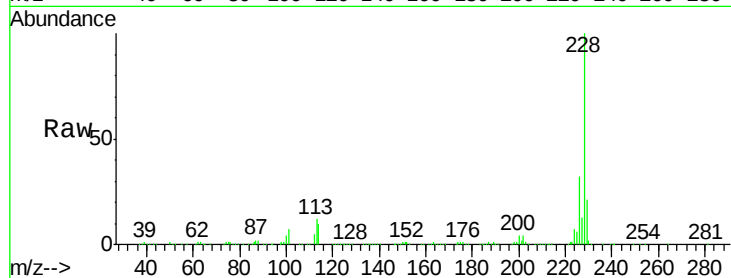
Tot Ion:228 Resp: 1197736

Ion Ratio Lower Upper

228 100

226 32.1 25.6 38.4

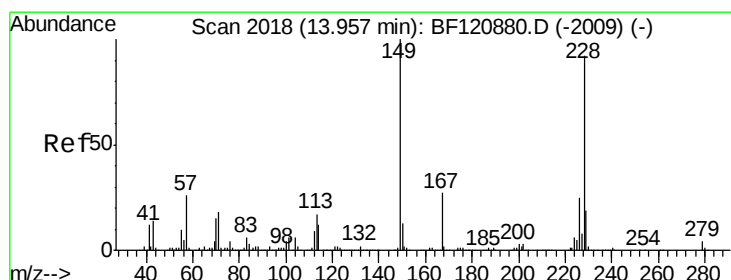
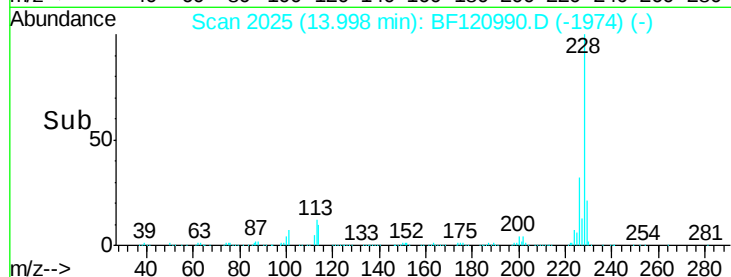
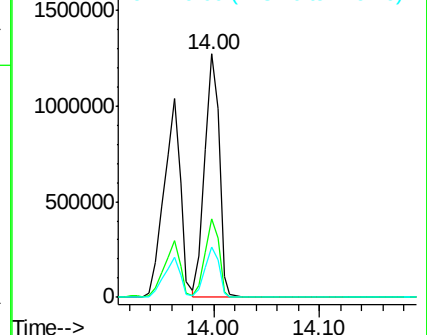
229 20.9 16.8 25.2



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: 44.764 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

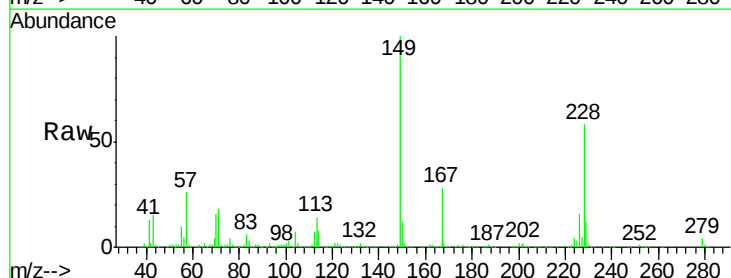
Tgt Ion:149 Resp: 821198

Ion Ratio Lower Upper

149 100

167 27.6 21.9 32.9

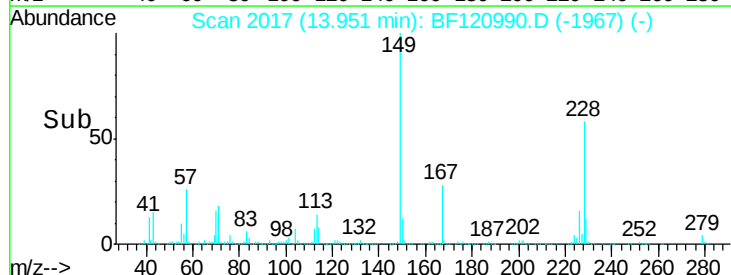
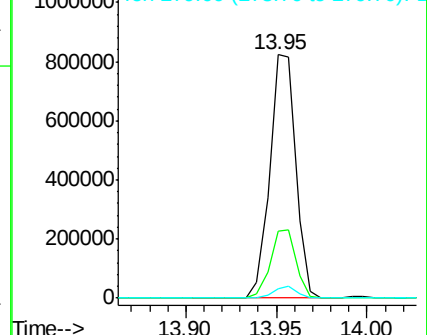
279 3.6 3.0 4.4



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

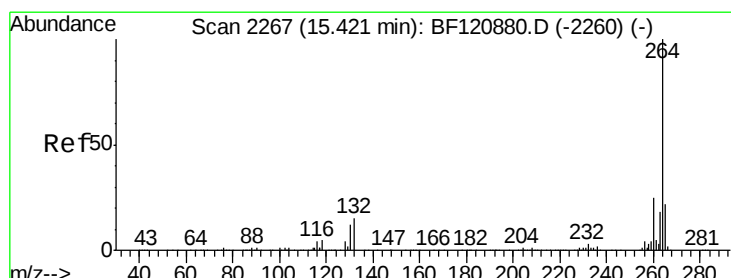
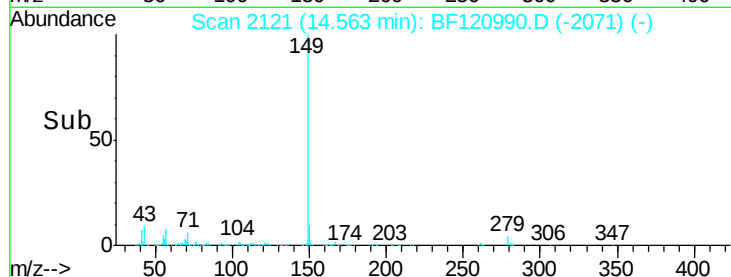
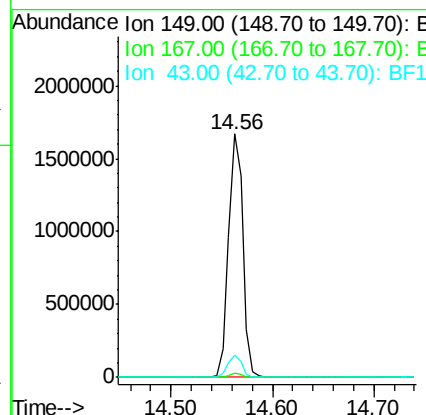
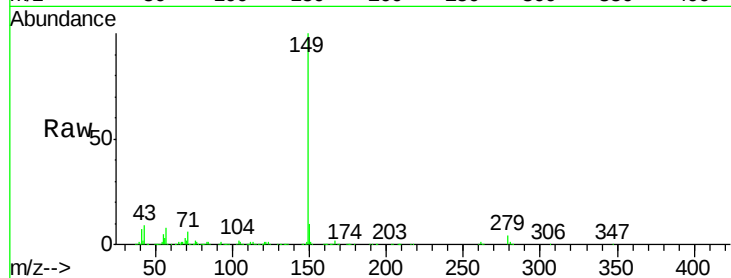




#85
Di-n-octyl phthalate
Concen: 44.685 ng
RT: 14.56 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

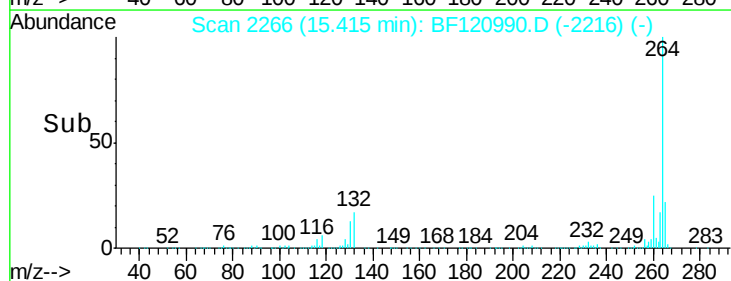
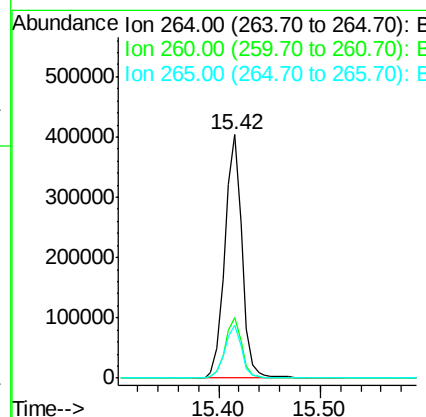
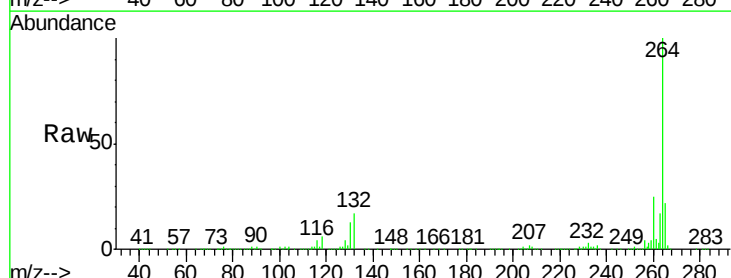
Instrument :
BNA_F
ClientSampleId :

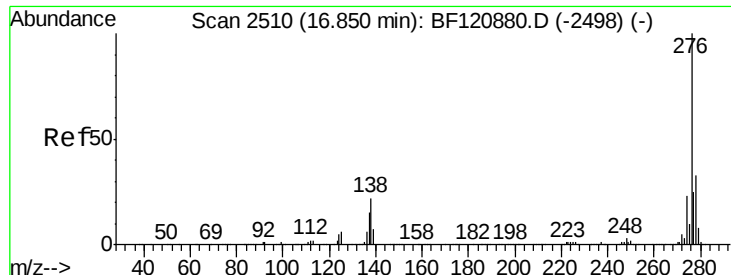
Tot Ion:149 Resp: 1630888
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion:264 Resp: 473845
Ion Ratio Lower Upper
264 100
260 24.7 20.0 30.0
265 21.8 17.4 26.2

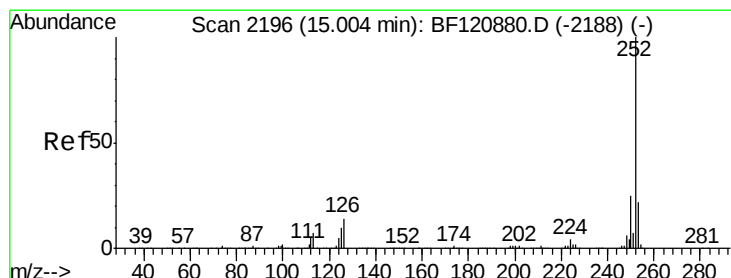
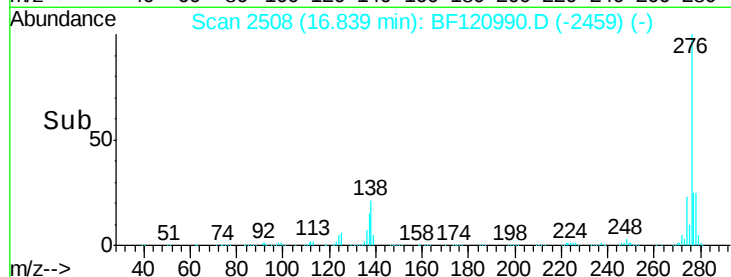
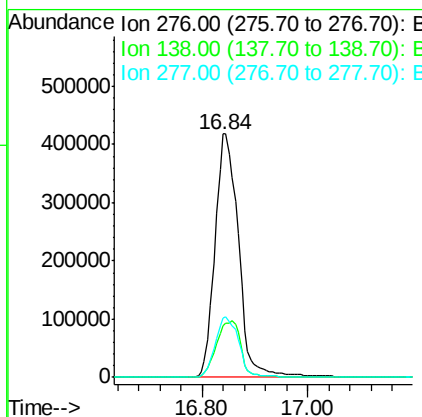
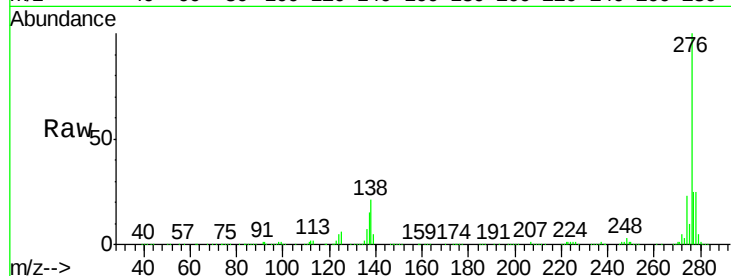




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.281 ng
 RT: 16.84 min Scan# 2508
 Delta R.T. -0.01 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

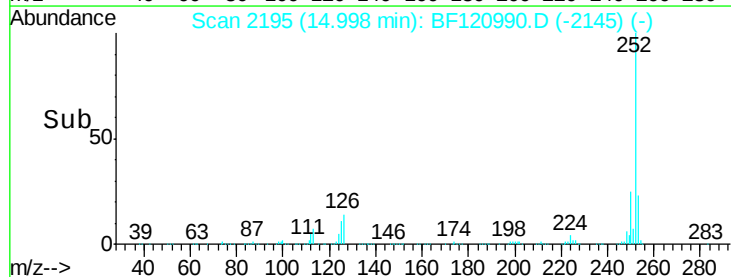
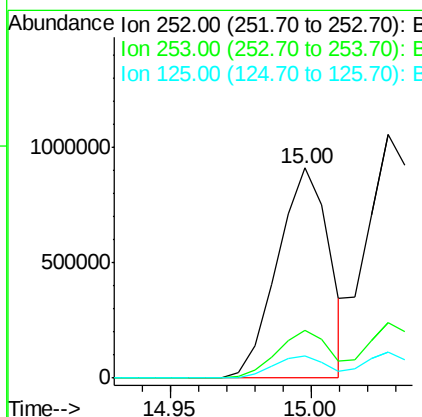
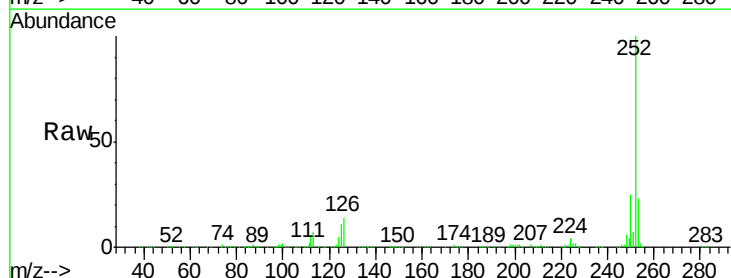
Instrument :
 BNA_F
 ClientSampled :

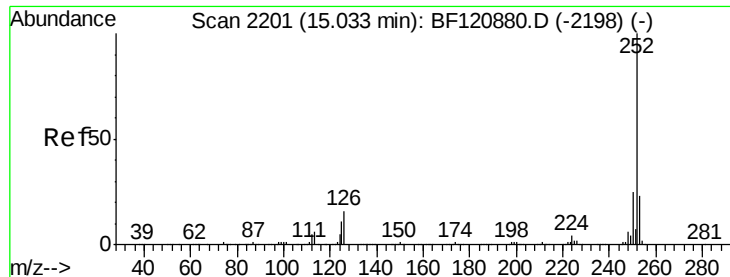
Tot Ion:276 Resp: 1294485
 Ion Ratio Lower Upper
 276 100
 138 24.4 19.8 29.8
 277 25.1 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 40.738 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Tgt Ion:252 Resp: 1166831
 Ion Ratio Lower Upper
 252 100
 253 22.9 18.0 27.0
 125 10.6 8.3 12.5

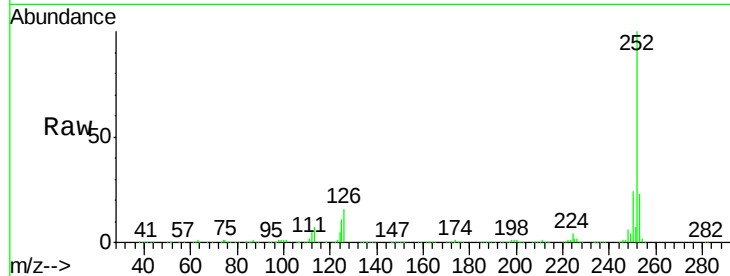




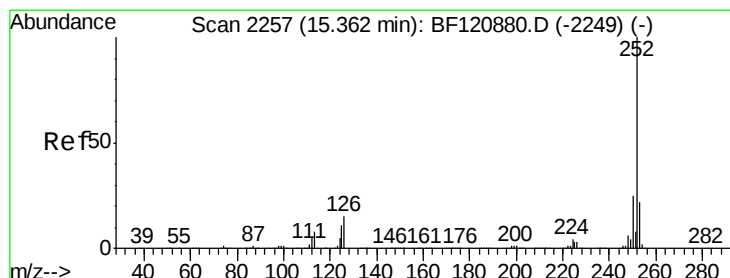
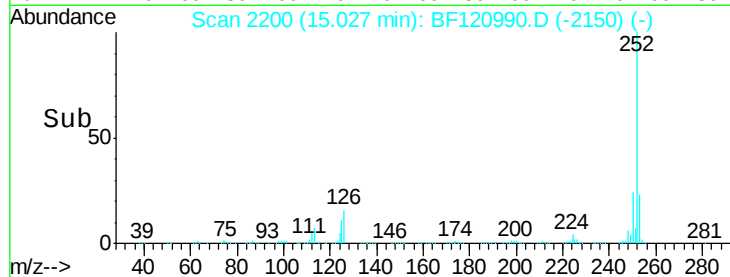
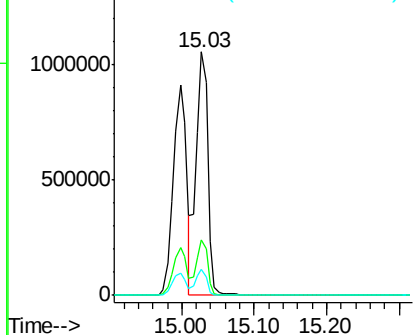
#89
Benzo(k)fluoranthene
Concen: 45.644 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1192293
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 10.8 8.4 12.6

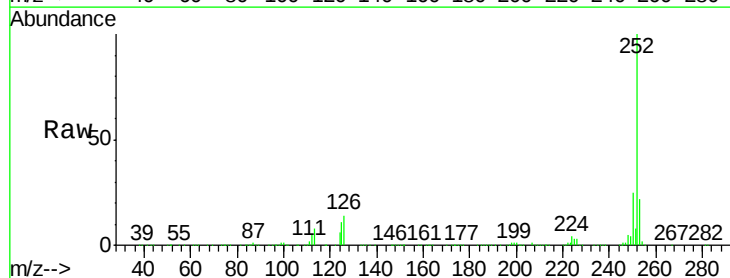


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

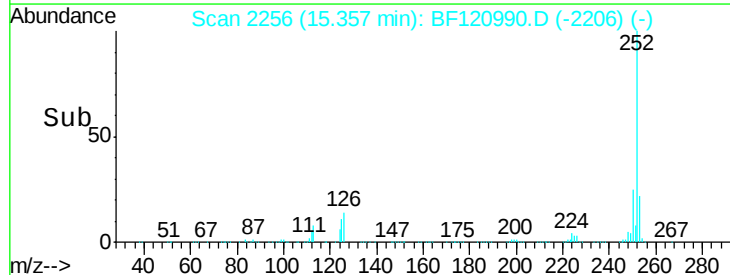
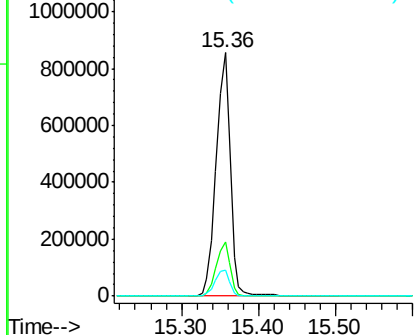


#90
Benzo(a)pyrene
Concen: 41.603 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion:252 Resp: 1087162
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.7 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



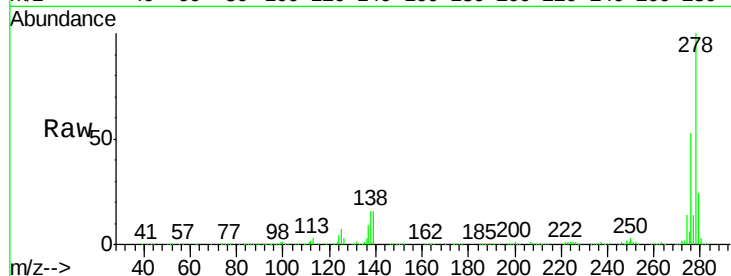


#91
Dibenzo(a,h)anthracene
Concen: 40.570 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

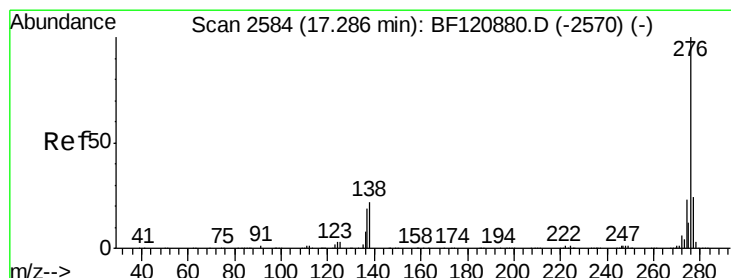
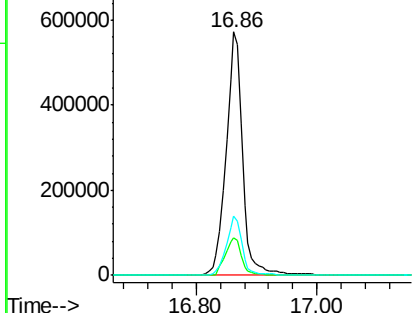
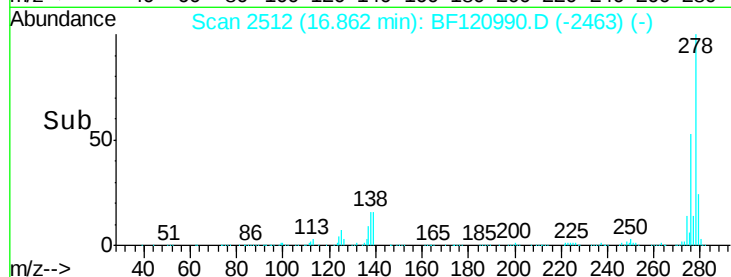
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1092086

Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.3	18.5
279	24.1	20.1	30.1



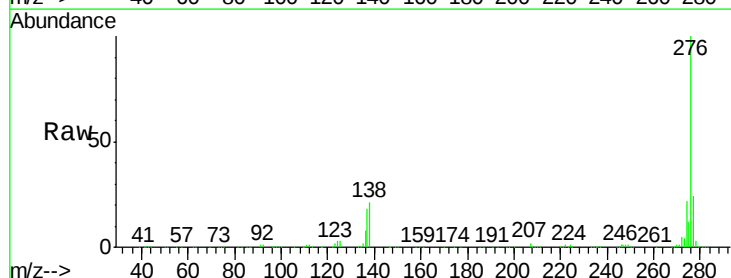
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.800 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion:276 Resp: 1056367

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	21.1	17.5	26.3



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

