

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060920\
 Data File : BF120584.D
 Acq On : 9 Jun 2020 17:58
 Operator : JU/CG
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060920

Quant Time: Jun 09 18:33:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 18:08:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	177914	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	619078	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	326643	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	646696	20.00	ng	0.00
76) Chrysene-d12	13.96	240	527376	20.00	ng	0.00
86) Perylene-d12	15.40	264	648387	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	834844	91.76	ng	0.00
7) Phenol-d6	6.44	99	981477	85.10	ng	0.00
23) Nitrobenzene-d5	7.37	82	914698	92.14	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	288858	85.68	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1540294	79.15	ng	0.00
79) Terphenyl-d14	12.91	244	1847042	81.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	204721	43.120	ng	99
3) Pyridine	3.24	79	549787	43.262	ng	100
4) n-Nitrosodimethylamine	3.19	42	228899	42.551	ng	98
6) Aniline	6.46	93	670052	43.036	ng	97
8) 2-Chlorophenol	6.59	128	459100	43.656	ng	99
9) Benzaldehyde	6.35	77	265970	44.672	ng	99
10) Phenol	6.45	94	570774	42.692	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	448828	42.806	ng	99
12) 1,3-Dichlorobenzene	6.75	146	495658	43.311	ng	99
13) 1,4-Dichlorobenzene	6.82	146	498823	43.148	ng	100
14) 1,2-Dichlorobenzene	6.97	146	464445	41.206	ng	99
15) Benzyl Alcohol	6.95	79	375559	42.031	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	677139	43.731	ng	100
17) 2-Methylphenol	7.06	107	407851	44.180	ng	100
18) Hexachloroethane	7.32	117	183190	43.322	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	294865	41.640	ng	99
20) 3+4-Methylphenols	7.21	107	459825	39.943	ng	92
22) Acetophenone	7.22	105	578648	45.466	ng	100
24) Nitrobenzene	7.39	77	477311	45.790	ng	100
25) Isophorone	7.63	82	867749	45.178	ng	100
26) 2-Nitrophenol	7.70	139	246796	45.910	ng	99
27) 2,4-Dimethylphenol	7.74	122	356033	45.291	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	478628	41.931	ng	100
29) 2,4-Dichlorophenol	7.95	162	345565	42.043	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	390449	42.328	ng	100
31) Naphthalene	8.11	128	1177768	42.402	ng	100
32) Benzoic acid	7.86	122	269888	41.952	ng	97
33) 4-Chloroaniline	8.16	127	517268	41.725	ng	99
34) Hexachlorobutadiene	8.22	225	234986	43.585	ng	98
35) Caprolactam	8.53	113	116001	41.107	ng	96
36) 4-Chloro-3-methylphenol	8.64	107	355038	41.793	ng	99
37) 2-Methylnaphthalene	8.80	142	785987	42.500	ng	99
38) 1-Methylnaphthalene	8.90	142	739640	43.660	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	373763	43.270	ng	100

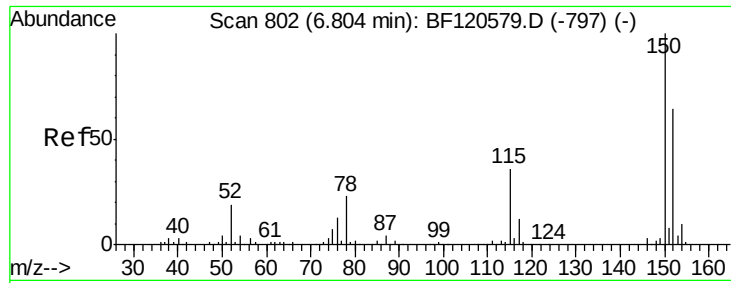
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060920\
 Data File : BF120584.D
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 QLast Update : Tue Jun 09 18:08:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	213470	43.222	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	262295	42.802	ng	100
44) 2,4,5-Trichlorophenol	9.12	196	301374	43.255	ng	98
46) 1,1'-Biphenyl	9.26	154	938849	42.347	ng	100
47) 2-Chloronaphthalene	9.29	162	767847	42.015	ng	99
48) 2-Nitroaniline	9.38	65	237733	41.785	ng	100
49) Acenaphthylene	9.70	152	1195091	43.198	ng	100
50) Dimethylphthalate	9.56	163	896935	41.366	ng	99
51) 2,6-Dinitrotoluene	9.62	165	205957	42.683	ng	98
52) Acenaphthene	9.87	154	720584	43.578	ng	99
53) 3-Nitroaniline	9.79	138	240713	42.188	ng	100
54) 2,4-Dinitrophenol	9.90	184	114424	44.004	ng	97
55) Dibenzofuran	10.05	168	1075952	43.057	ng	100
56) 4-Nitrophenol	9.96	139	182231	43.800	ng	99
57) 2,4-Dinitrotoluene	10.03	165	275605	43.818	ng	99
58) Fluorene	10.39	166	811760	43.237	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	234842	43.201	ng	99
60) Diethylphthalate	10.26	149	891540	42.662	ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	418494	43.177	ng	99
62) 4-Nitroaniline	10.40	138	241368	41.937	ng	99
63) Azobenzene	10.54	77	804554	41.141	ng	99
65) 4,6-Dinitro-2-methylphenol	10.44	198	153928	44.382	ng	100
66) n-Nitrosodiphenylamine	10.50	169	756621	43.676	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	279677	43.296	ng	98
68) Hexachlorobenzene	10.93	284	301765	43.473	ng	99
69) Atrazine	11.03	200	215230	43.854	ng	99
70) Pentachlorophenol	11.13	266	166539	44.453	ng	99
71) Phenanthrene	11.35	178	1229162	43.029	ng	100
72) Anthracene	11.40	178	1245307	43.130	ng	100
73) Carbazole	11.56	167	1212647	43.025	ng	99
74) Di-n-butylphthalate	11.89	149	1409922	42.070	ng	100
75) Fluoranthene	12.54	202	1379586	41.879	ng	98
77) Benzidine	12.66	184	534209	42.570	ng	99
78) Pyrene	12.77	202	1434568	42.938	ng	99
80) Butylbenzylphthalate	13.39	149	630936	43.150	ng	93
81) Benzo(a)anthracene	13.96	228	1214462	42.390	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	454743	43.358	ng	98
83) Chrysene	13.99	228	1269056	43.636	ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	790415	42.648	ng	100
85) Di-n-octyl phthalate	14.56	149	1505592	44.858	ng	100
87) Indeno(1,2,3-cd)pyrene	16.84	276	1606784	44.031	ng	100
88) Benzo(b)fluoranthene	14.99	252	1342435	39.657	ng	100
89) Benzo(k)fluoranthene	15.02	252	1247340	40.646	ng	99
90) Benzo(a)pyrene	15.35	252	1270773	41.234	ng	99
91) Dibenzo(a,h)anthracene	16.86	278	1303030	44.214	ng	99
92) Benzo(g,h,i)perylene	17.27	276	1262898	43.784	ng	98

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

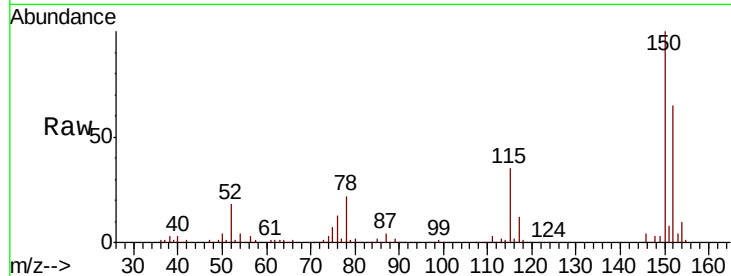


#1

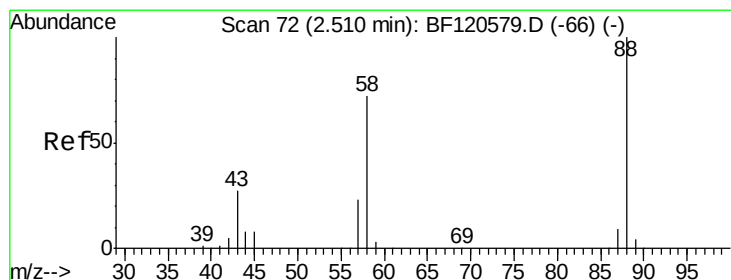
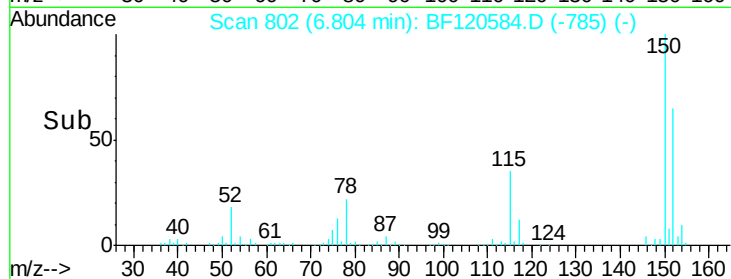
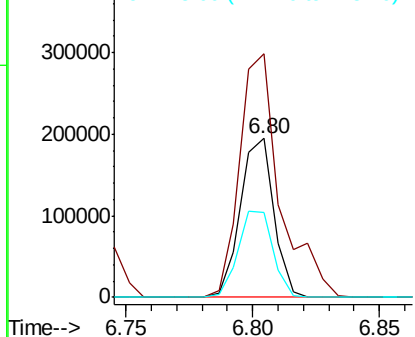
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

Tot Ion:152 Resp: 177914
Ion Ratio Lower Upper
152 100
150 153.5 125.4 188.0
115 53.9 45.5 68.3



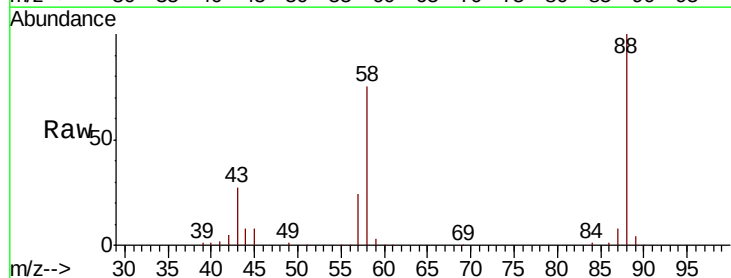
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



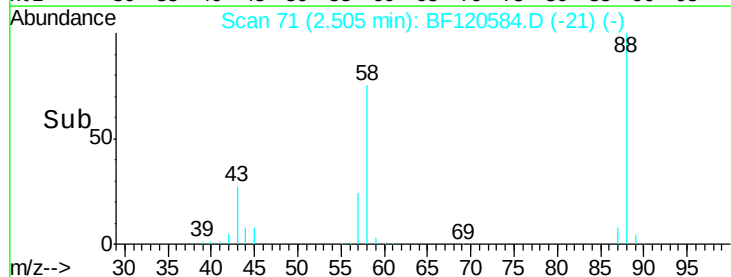
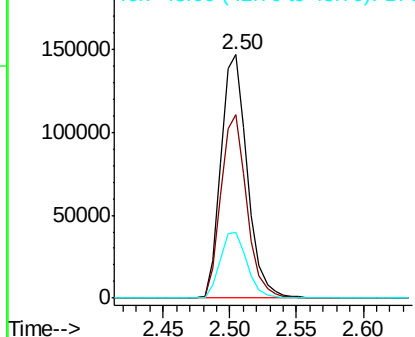
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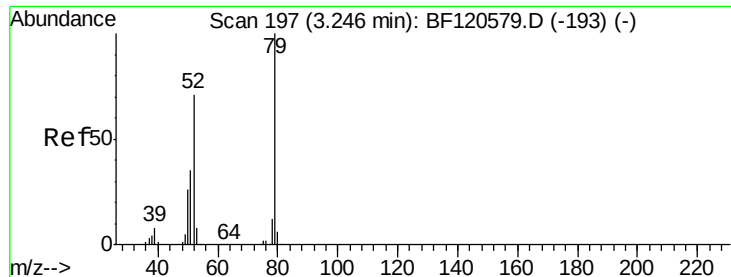
1,4-Dioxane
Concen: 43.120 ng
RT: 2.50 min Scan# 71
Delta R.T. -0.01 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion: 88 Resp: 204721
Ion Ratio Lower Upper
88 100
58 73.9 58.2 87.2
43 28.1 22.2 33.2



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

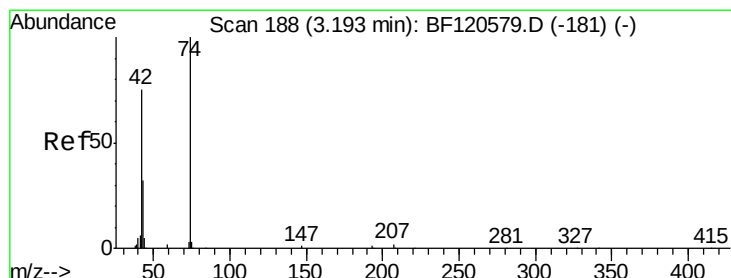
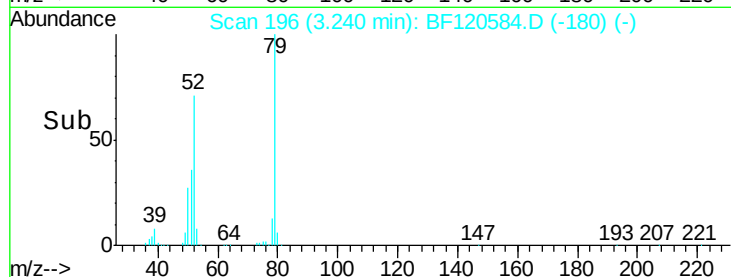
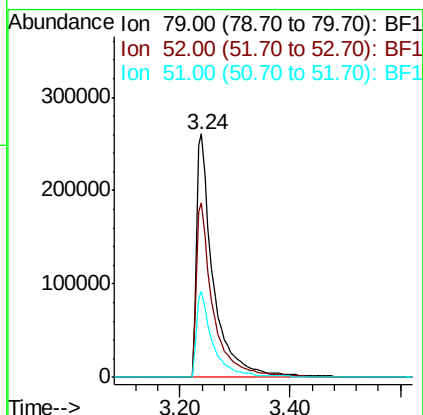
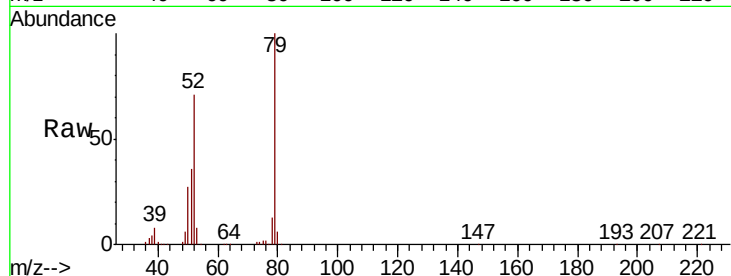




#3
 Pvridine
 Concen: 43.262 ng
 RT: 3.24 min Scan# 196
 Delta R.T. -0.01 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

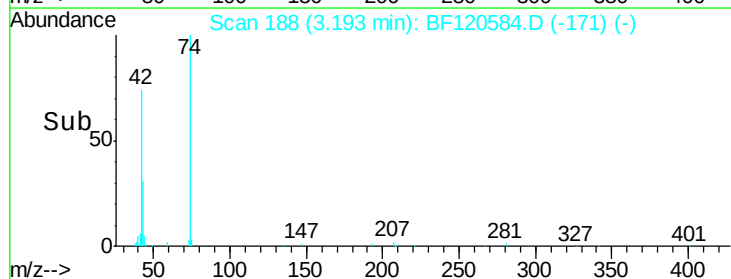
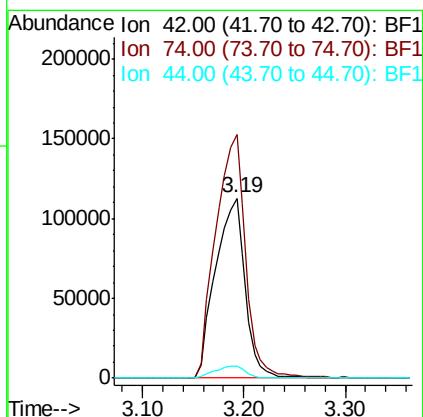
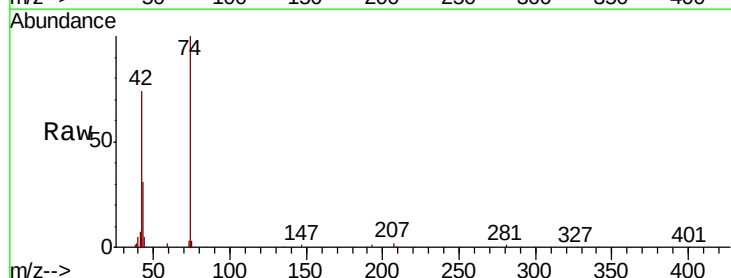
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060920

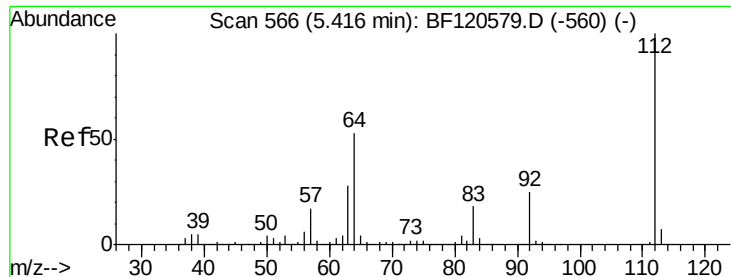
Tot Ion	Ratio	Lower	Upper
79	100		
52	71.5	57.2	85.8
51	35.5	28.2	42.4



#4
 n-Nitrosodimethylamine
 Concen: 42.551 ng
 RT: 3.19 min Scan# 188
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.4	106.9	160.3
44	6.8	4.9	7.3





#5

2-Fluorophenol

Concen: 91.756 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

ClientSampleId :

ICVBF060920

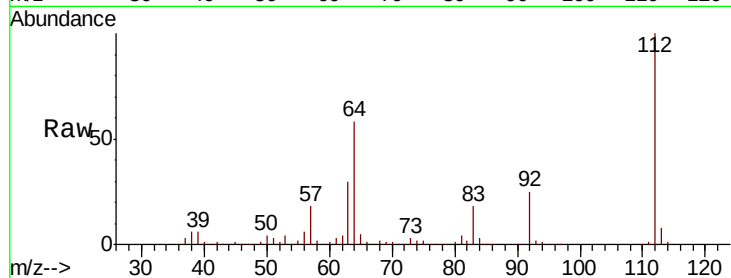
Tot Ion:112 Resp: 834844

Ion Ratio Lower Upper

112 100

64 58.2 42.7 64.1

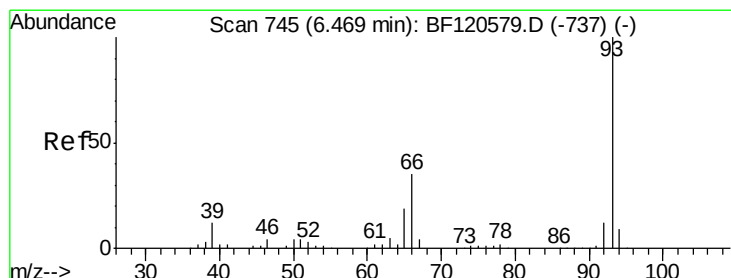
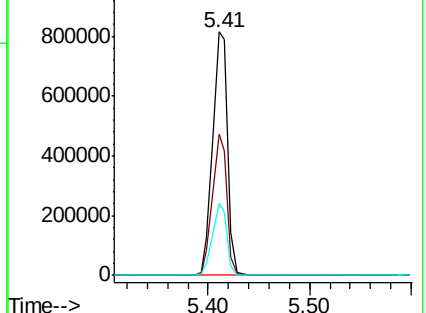
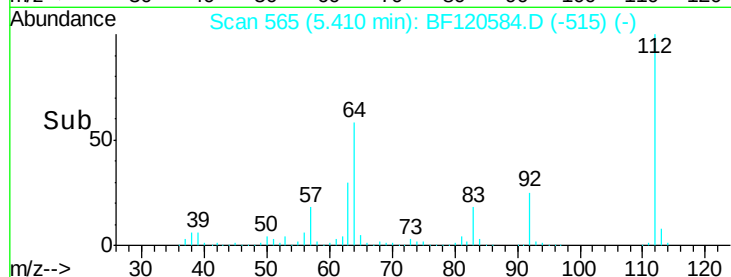
63 29.7 22.3 33.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 43.036 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

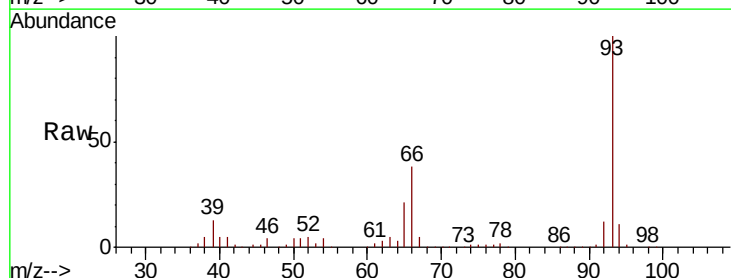
Tgt Ion: 93 Resp: 670052

Ion Ratio Lower Upper

93 100

66 38.1 29.1 43.7

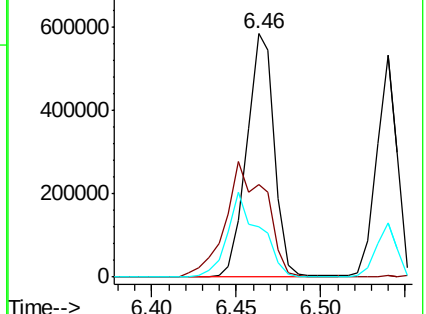
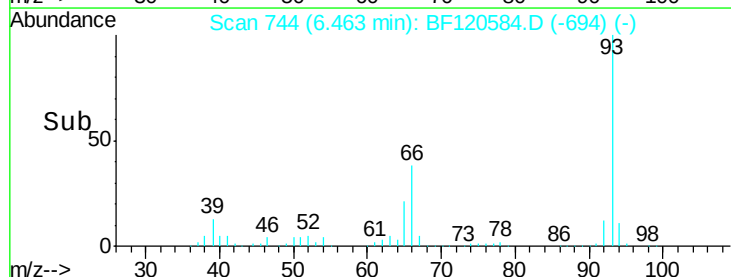
65 20.8 15.2 22.8

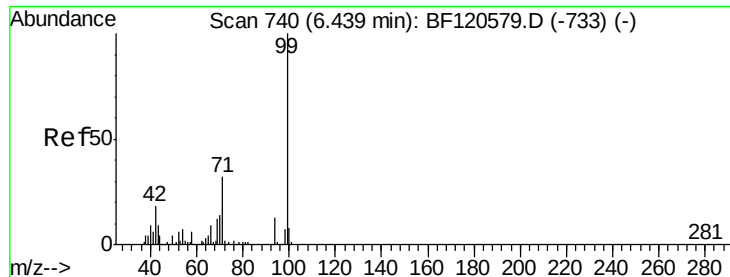


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.102 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

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ClientSampleId :

ICVBF060920

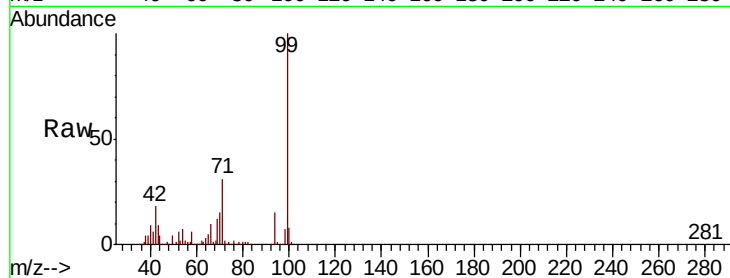
Tot Ion: 99 Resp: 981477

Ion Ratio Lower Upper

99 100

42 18.1 14.6 22.0

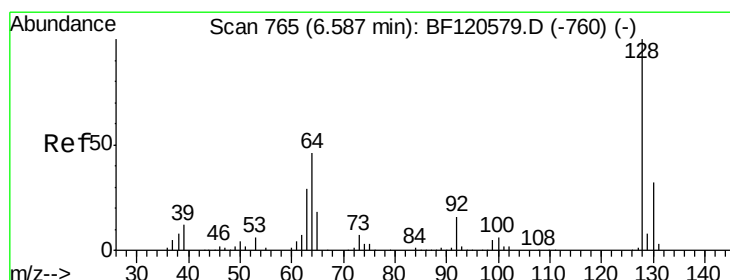
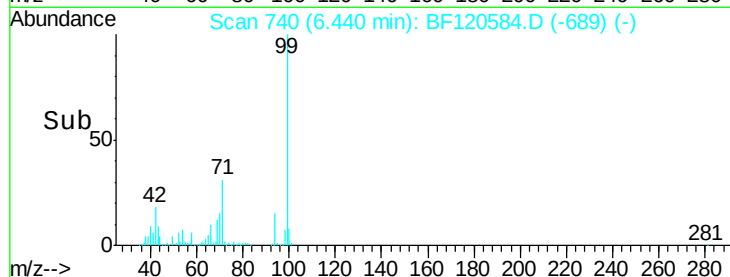
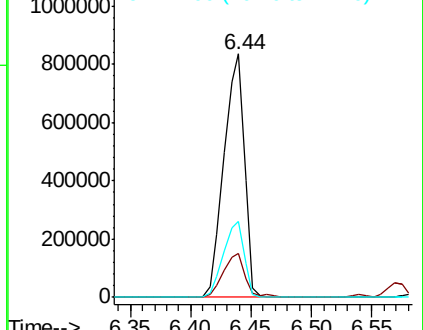
71 31.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.656 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

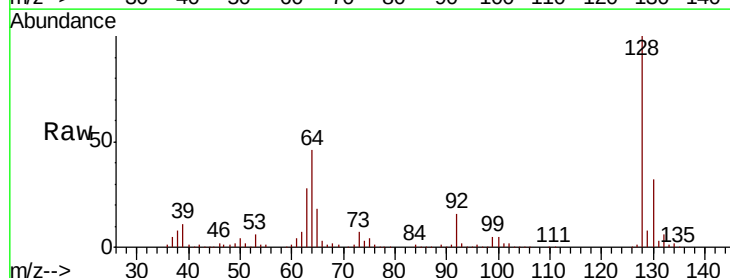
Tgt Ion: 128 Resp: 459100

Ion Ratio Lower Upper

128 100

130 32.5 12.4 52.4

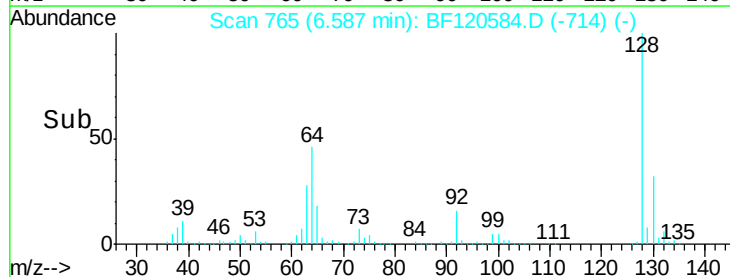
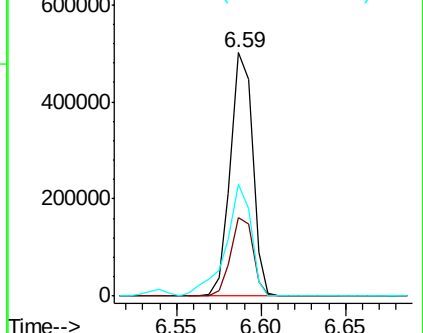
64 46.0 26.9 66.9

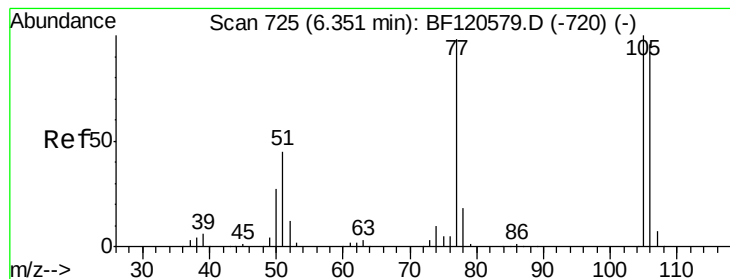


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 44.672 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

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ICVBF060920

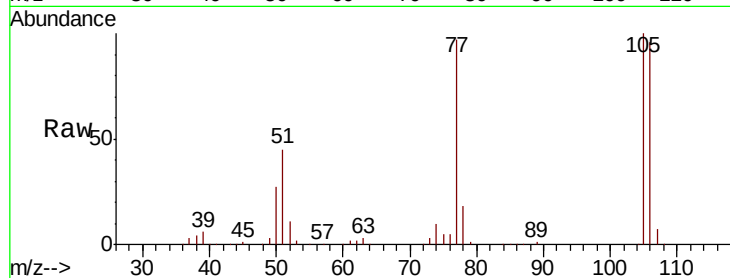
Tot Ion: 77 Resp: 265970

Ion Ratio Lower Upper

77 100

105 103.2 82.2 122.2

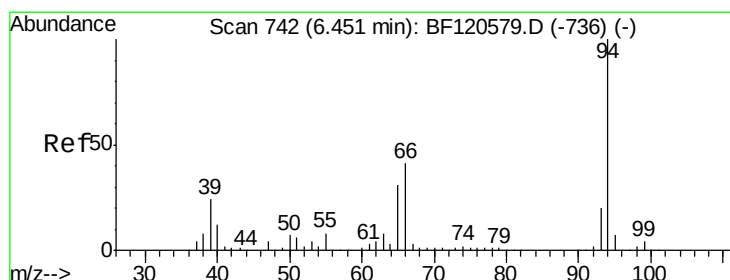
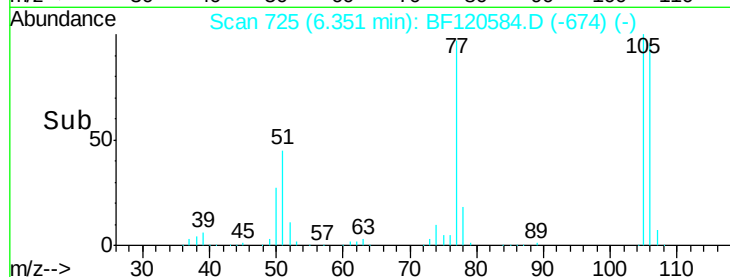
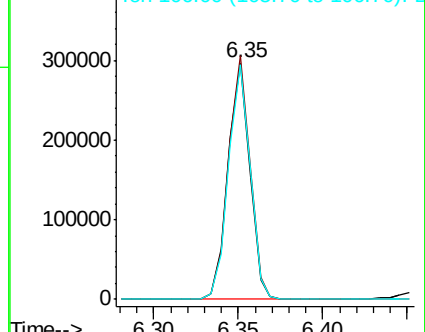
106 99.3 78.5 118.5



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: 42.692 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

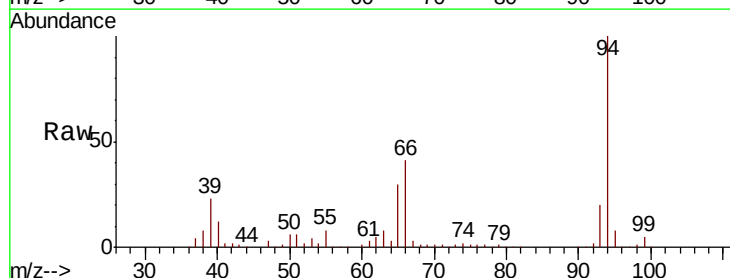
Tgt Ion: 94 Resp: 570774

Ion Ratio Lower Upper

94 100

65 30.2 11.1 51.1

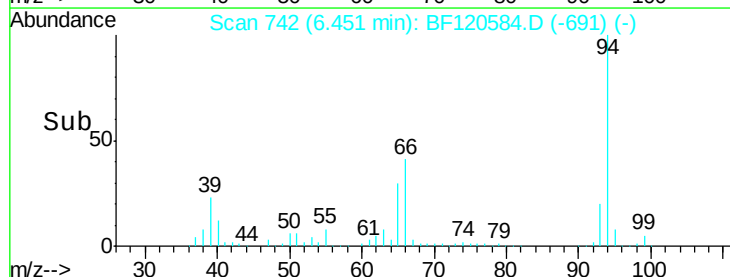
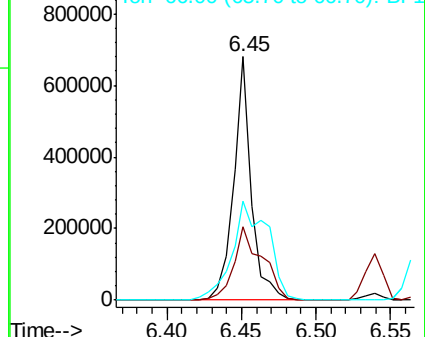
66 40.8 21.0 61.0

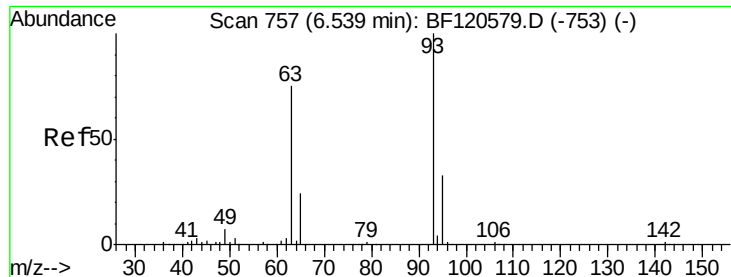


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

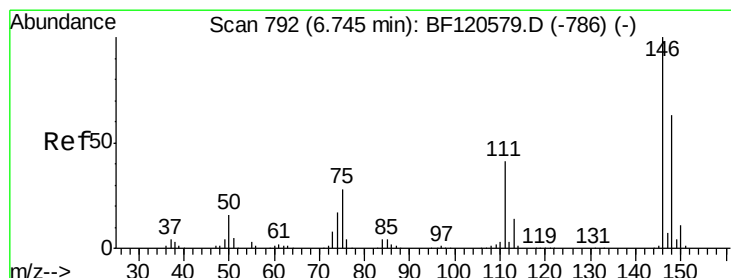
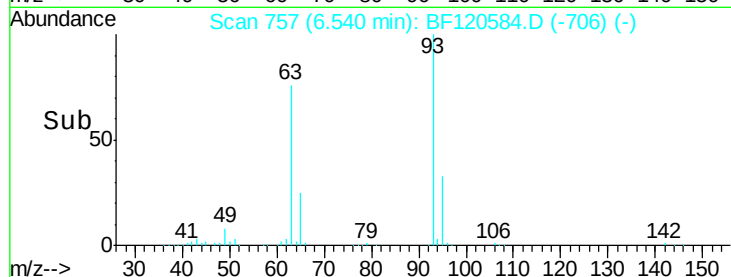
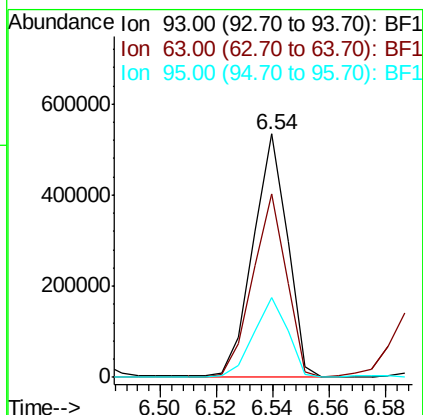
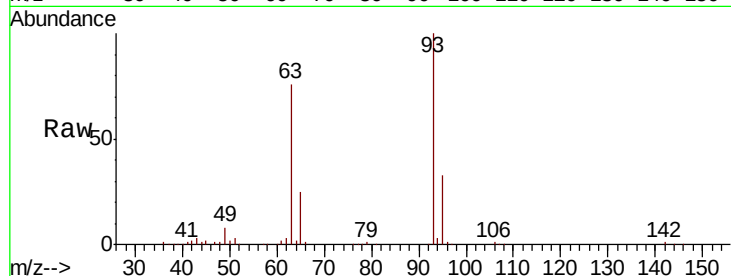




#11
bis(2-Chloroethyl)ether
Concen: 42.806 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

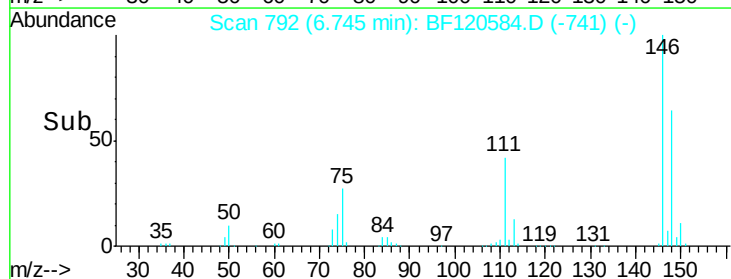
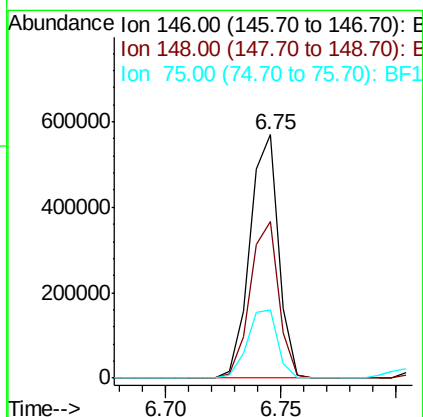
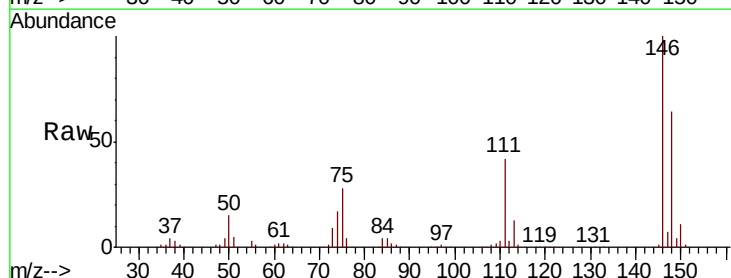
Instrument :
BNA_F
ClientSampleId :
ICVBF060920

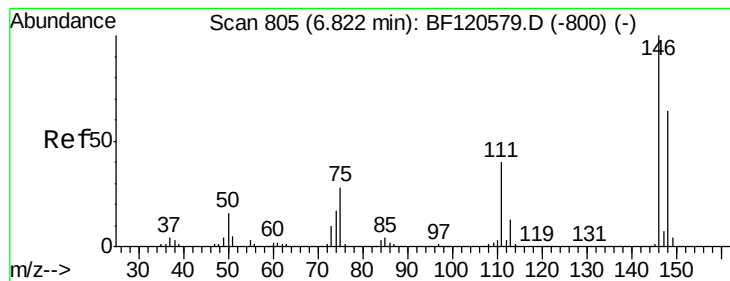
Tot Ion: 93 Resp: 448828
Ion Ratio Lower Upper
93 100
63 75.5 54.6 94.6
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.311 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion: 146 Resp: 495658
Ion Ratio Lower Upper
146 100
148 64.4 50.6 76.0
75 28.0 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 43.148 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

ClientSampleId :

ICVBF060920

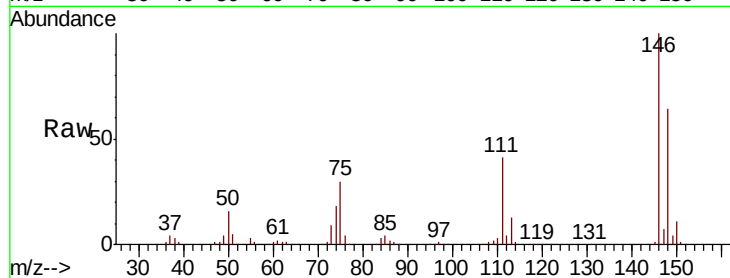
Tot Ion:146 Resp: 498823

Ion Ratio Lower Upper

146 100

148 63.7 50.9 76.3

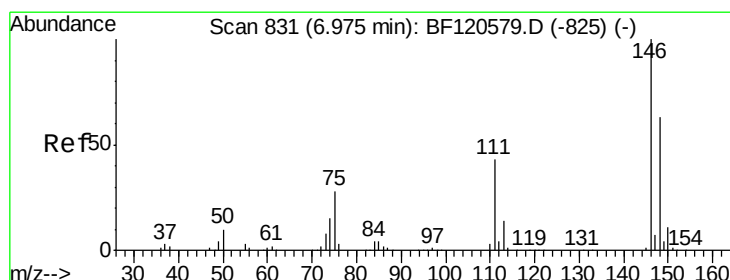
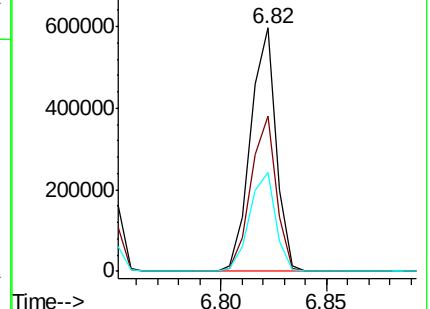
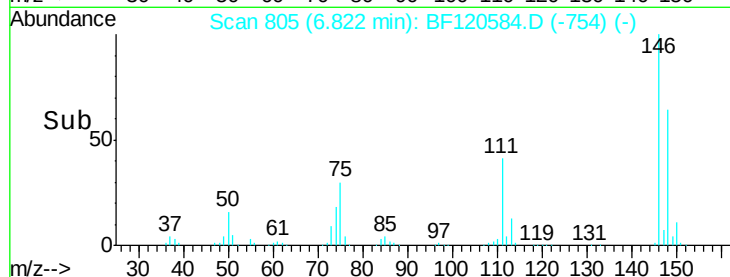
111 40.6 32.5 48.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.206 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

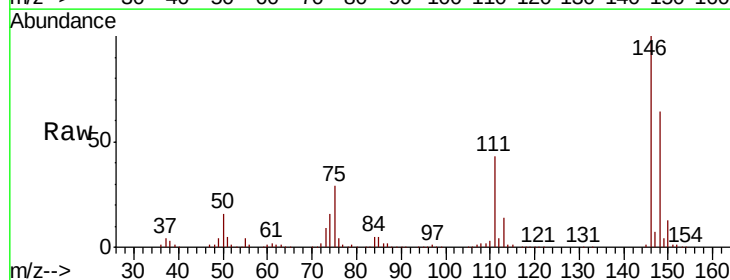
Tgt Ion:146 Resp: 464445

Ion Ratio Lower Upper

146 100

148 64.3 50.6 76.0

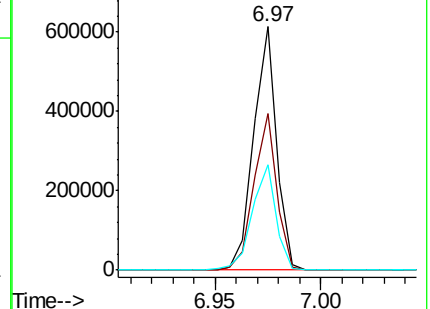
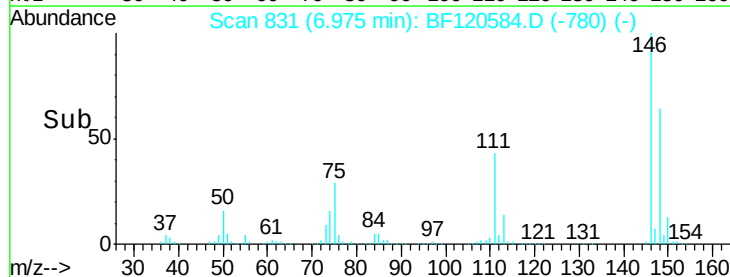
111 43.4 34.4 51.6

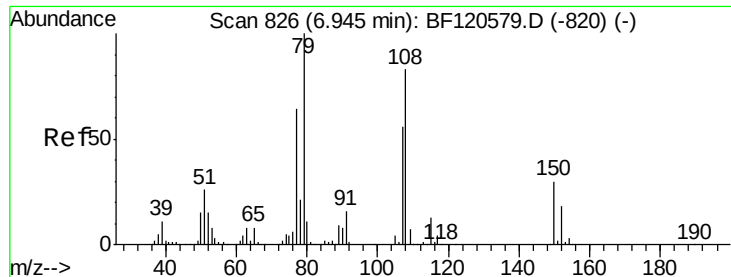


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.031 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

ClientSampleId :

ICVBF060920

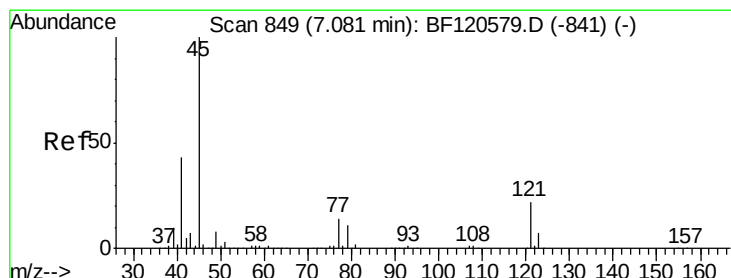
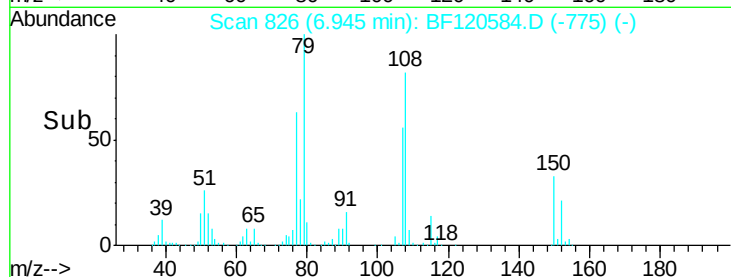
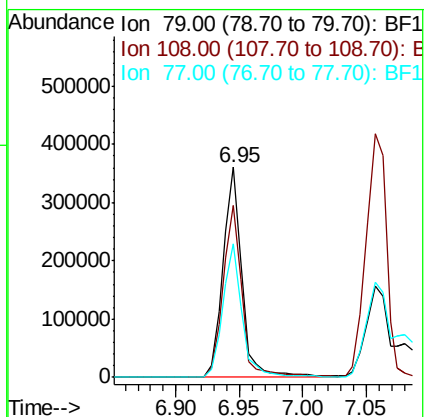
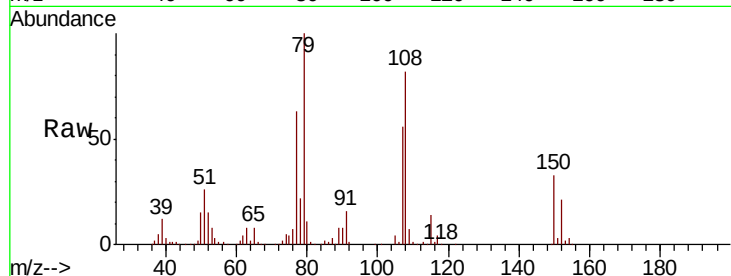
Tot Ion: 79 Resp: 375559

Ion Ratio Lower Upper

79 100

108 82.0 66.2 99.4

77 63.5 50.9 76.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.731 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

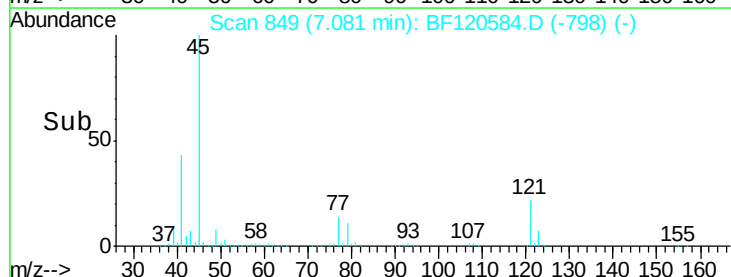
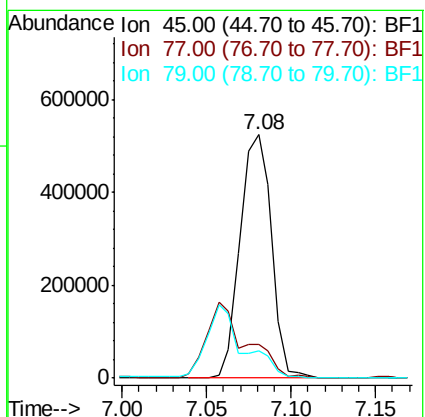
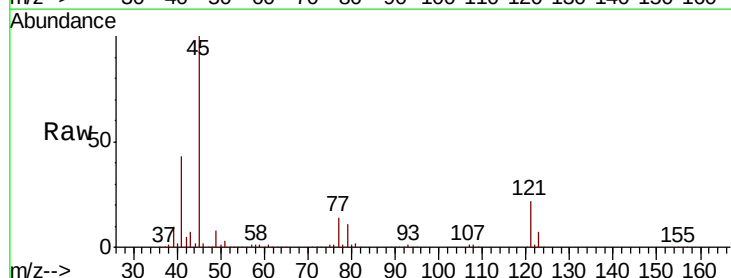
Tgt Ion: 45 Resp: 677139

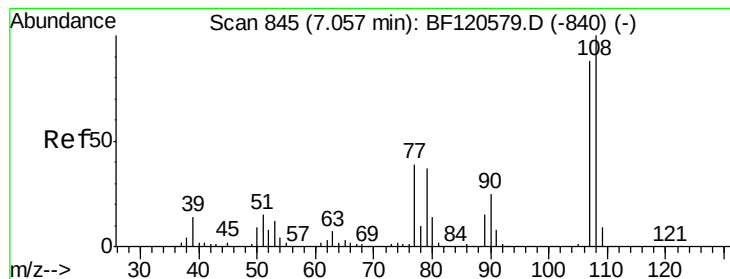
Ion Ratio Lower Upper

45 100

77 14.1 0.0 33.9

79 11.2 0.0 31.0





#17

2-Methylphenol

Concen: 44.180 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

ClientSampleId :

ICVBF060920

Tot Ion:107 Resp: 407851

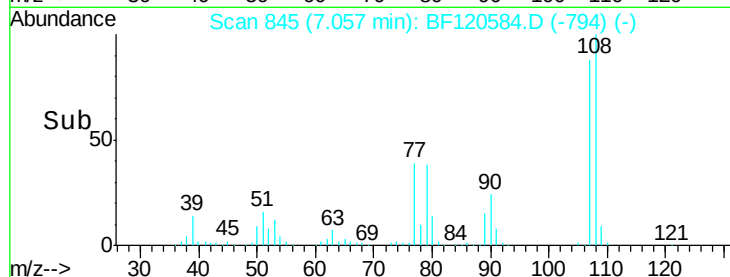
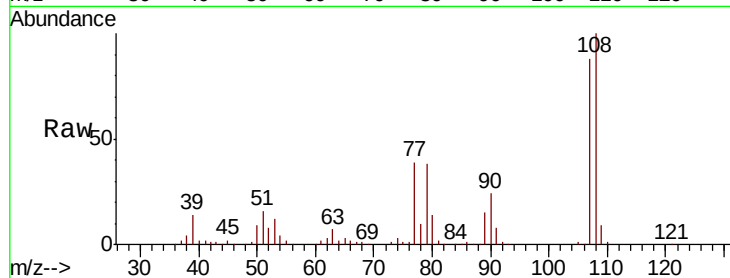
Ion Ratio Lower Upper

107 100

108 113.9 91.0 136.6

77 44.7 35.8 53.6

79 42.8 34.3 51.5

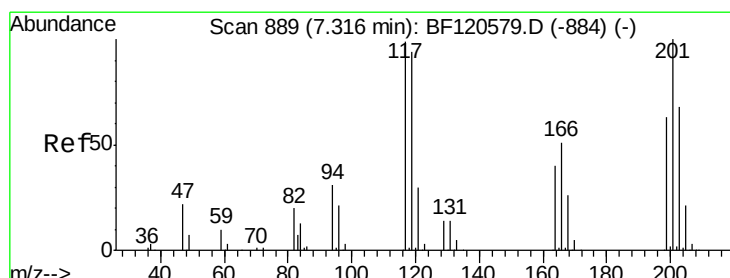
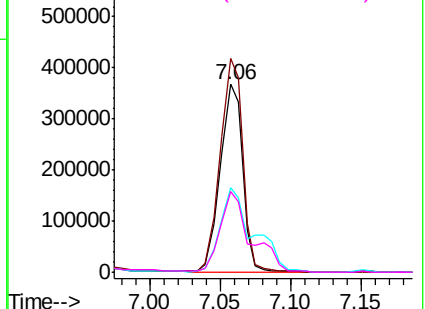


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.322 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

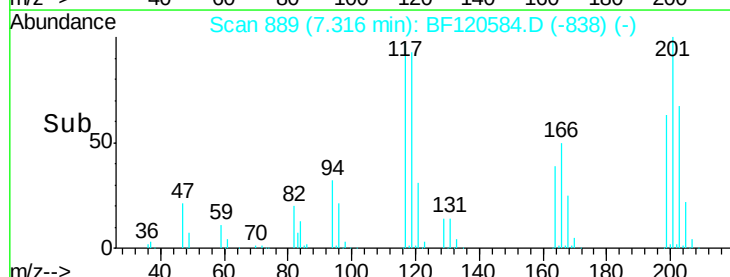
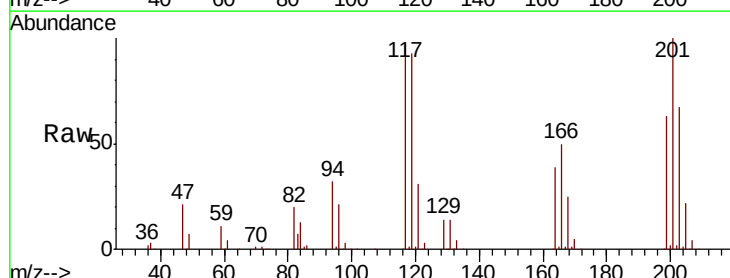
Tgt Ion:117 Resp: 183190

Ion Ratio Lower Upper

117 100

119 96.2 75.8 113.8

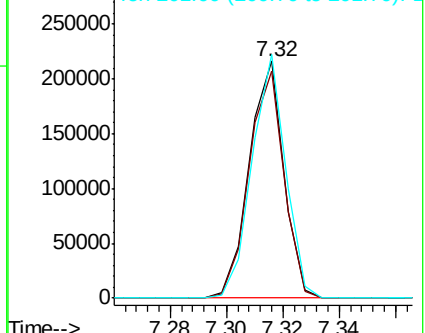
201 102.9 80.6 120.8

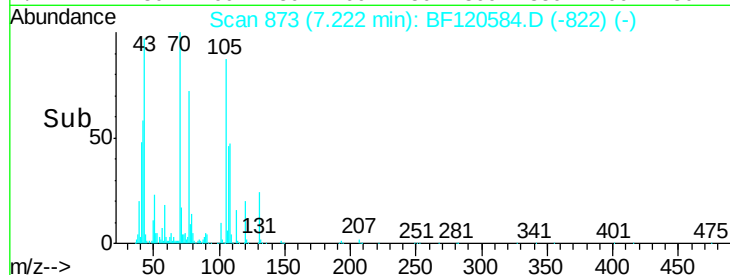
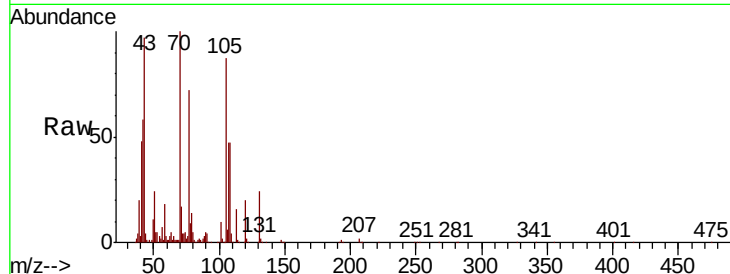
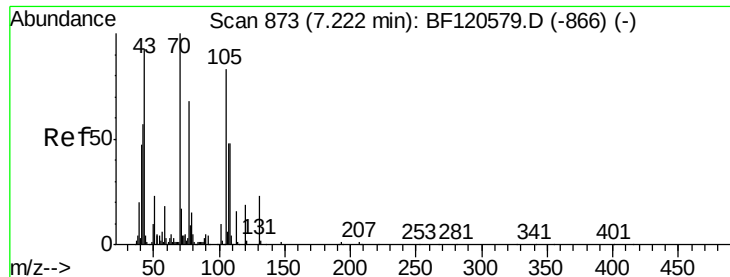


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

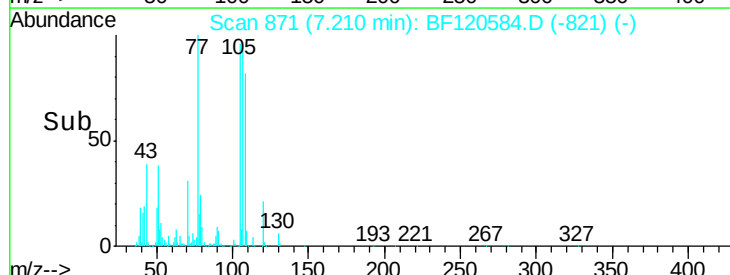
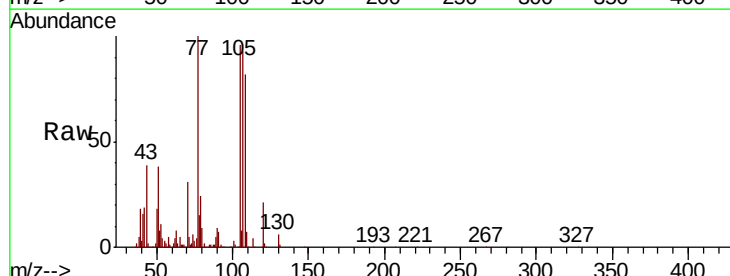
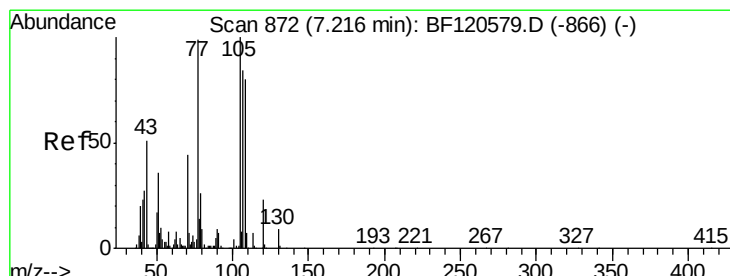
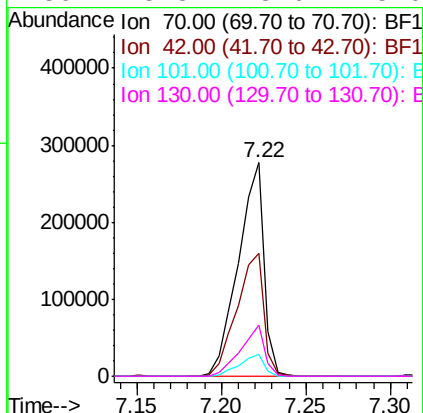




#19
n-Nitroso-di-n-propylamine
Concen: 41.640 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

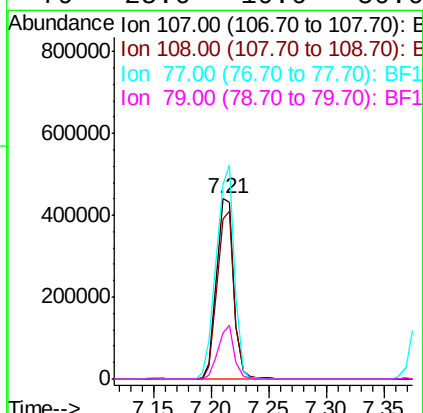
Instrument :
BNA_F
ClientSampleId :
ICVBF060920

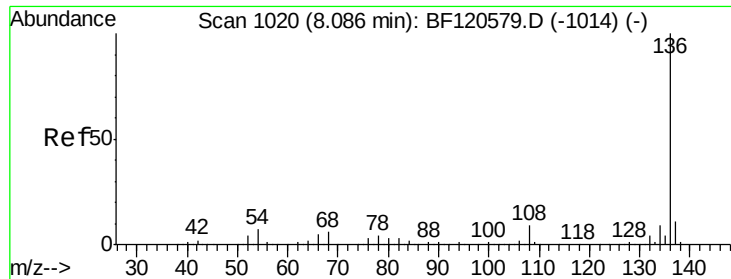
Tot Ion:	70	Resp:	294865
Ion	Ratio	Lower	Upper
70	100		
42	57.7	45.8	68.6
101	10.1	7.8	11.6
130	23.8	18.6	28.0



#20
3+4-Methylphenols
Concen: 39.943 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion:	107	Resp:	459825
Ion	Ratio	Lower	Upper
107	100		
108	88.7	74.9	114.9
77	108.0	97.6	137.6
79	25.6	10.6	50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

ClientSampleId :

ICVBF060920

Tot Ion:136 Resp: 619078

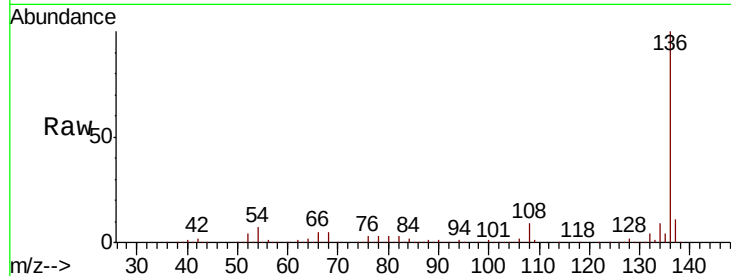
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 6.9 5.8 8.6

68 5.3 4.5 6.7

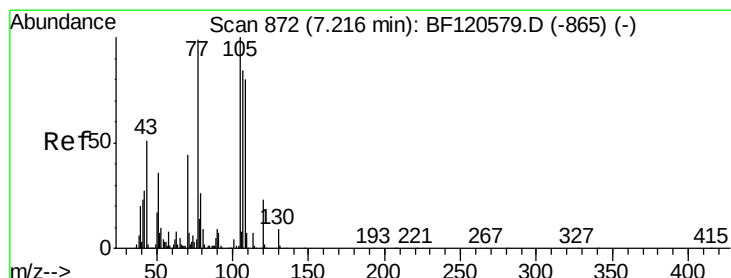
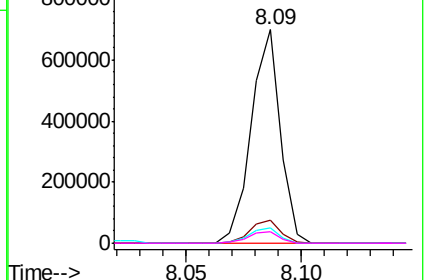
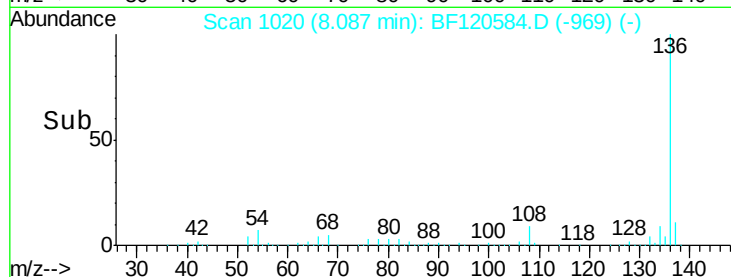


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.466 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Tgt Ion:105 Resp: 578648

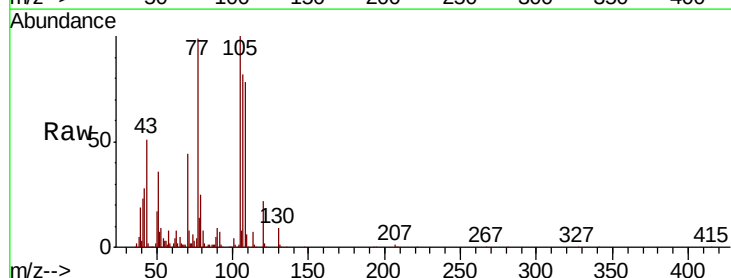
Ion Ratio Lower Upper

105 100

71 7.5 5.8 8.8

51 35.7 28.7 43.1

120 22.4 18.2 27.2

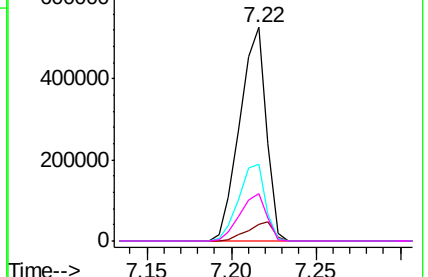
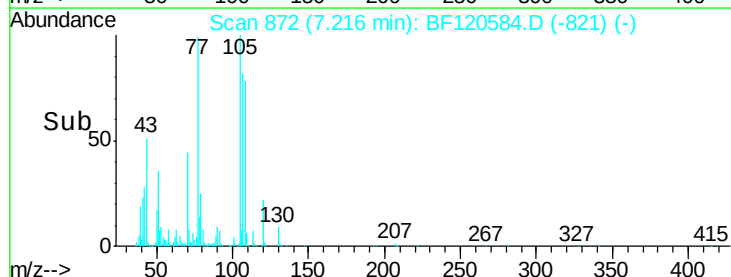


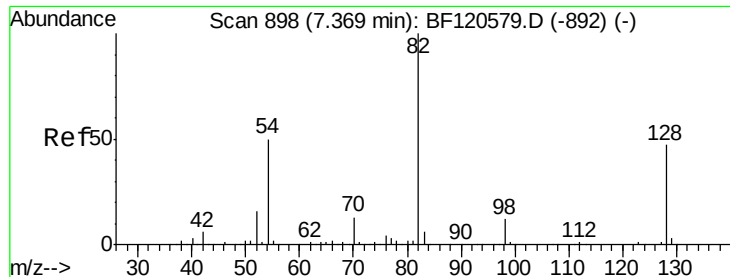
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

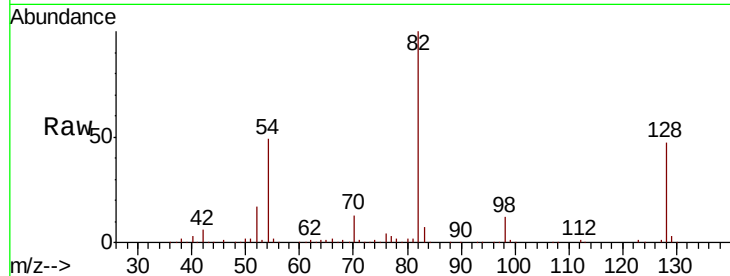




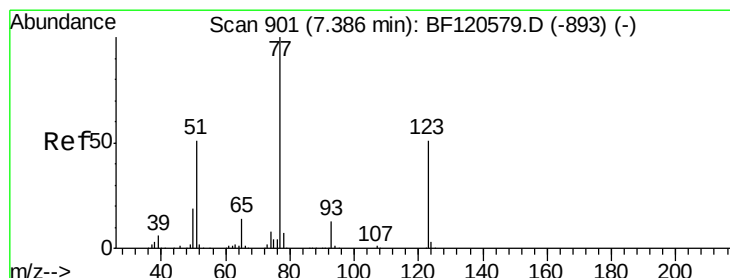
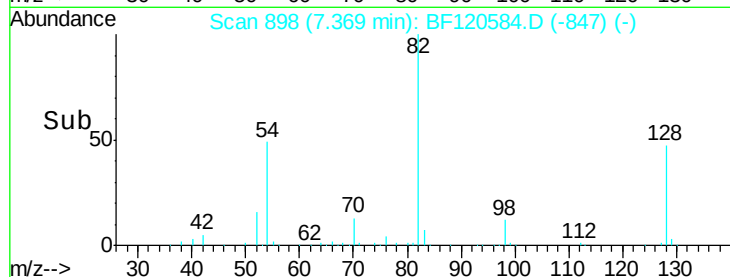
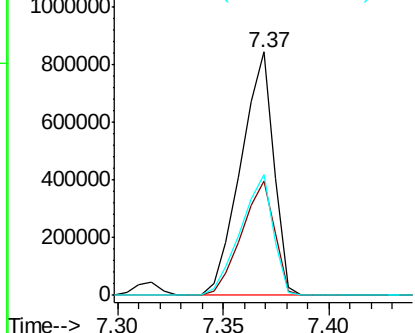
#23
 Nitrobenzene-d5
 Concen: 92.136 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060920

Tot Ion	82	Resp	914698
Ion Ratio	100	Lower	Upper
128	47.0	37.5	56.3
54	49.5	39.8	59.6

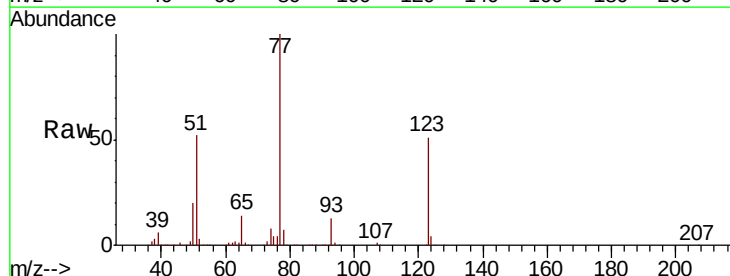


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

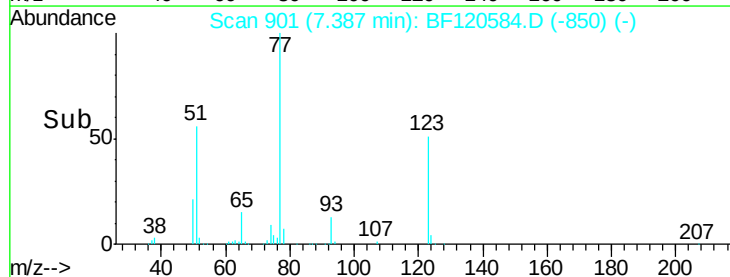
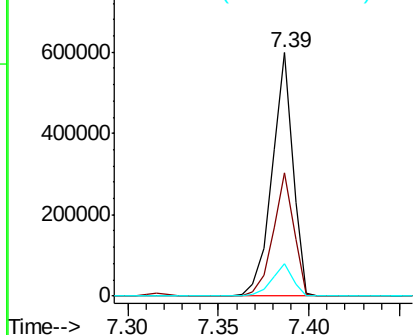


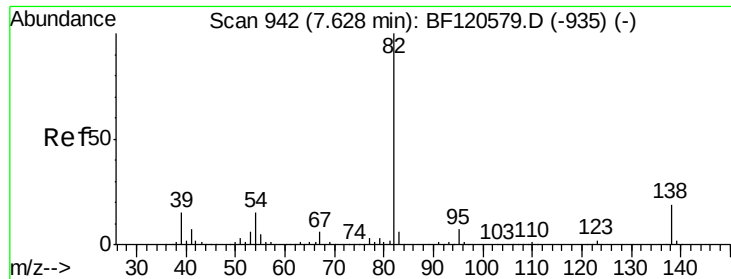
#24
 Nitrobenzene
 Concen: 45.790 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Tgt Ion	77	Resp	477311
Ion Ratio	100	Lower	Upper
123	50.7	40.5	60.7
65	13.5	10.9	16.3



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: 45.178 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

ClientSampleId :

ICVBF060920

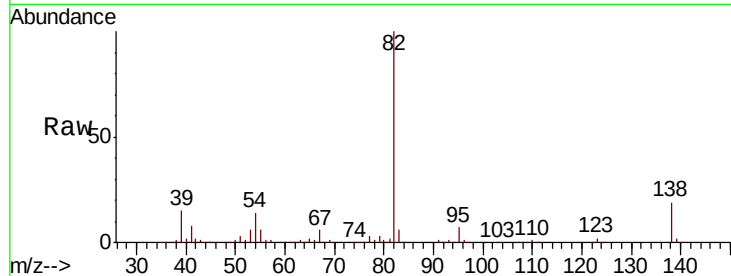
Tot Ion: 82 Resp: 867749

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

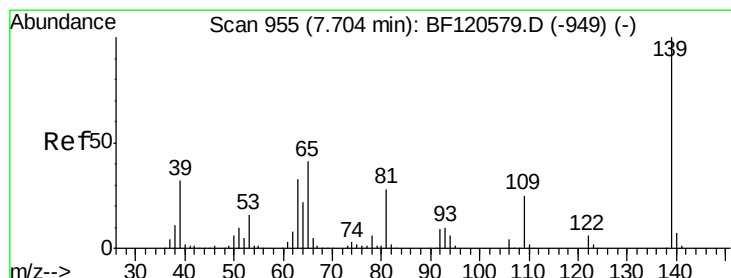
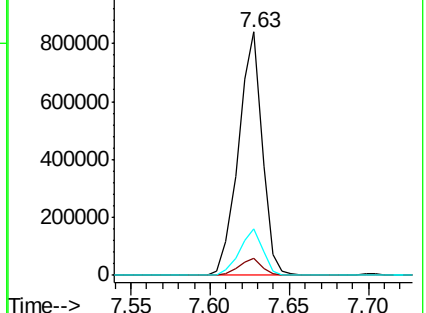
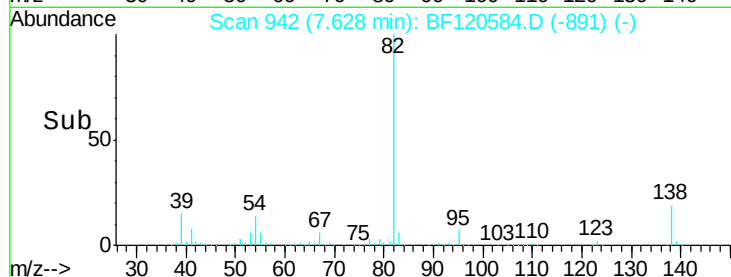
138 19.3 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.910 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

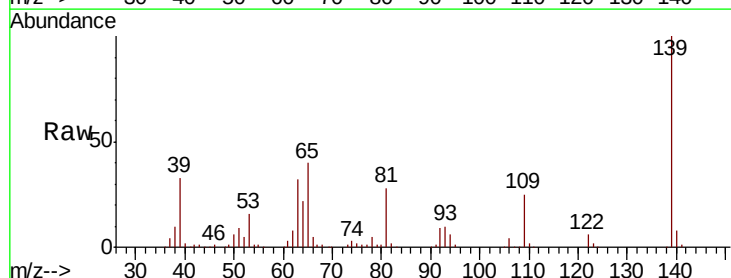
Tgt Ion: 139 Resp: 246796

Ion Ratio Lower Upper

139 100

109 25.0 20.2 30.2

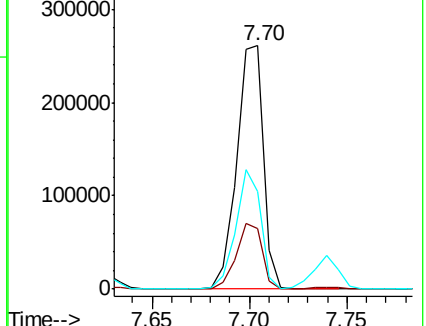
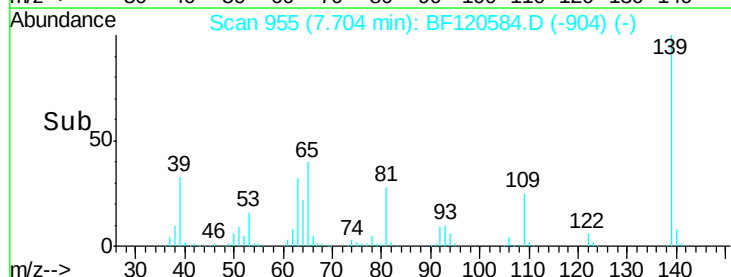
65 40.4 32.9 49.3

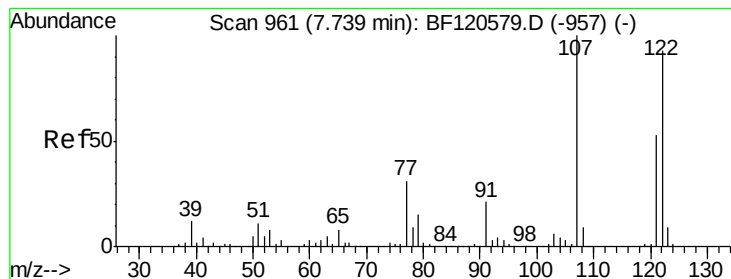


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 45.291 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

ClientSampleId :

ICVBF060920

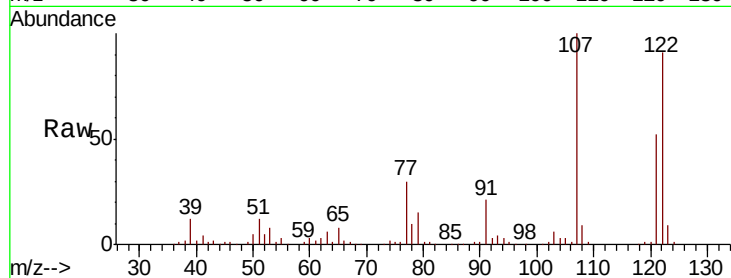
Tot Ion:122 Resp: 356033

Ion Ratio Lower Upper

122 100

107 109.6 86.3 129.5

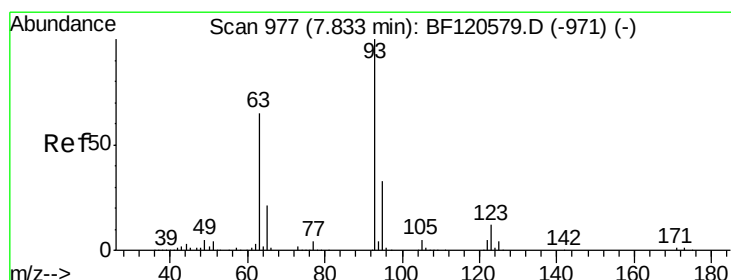
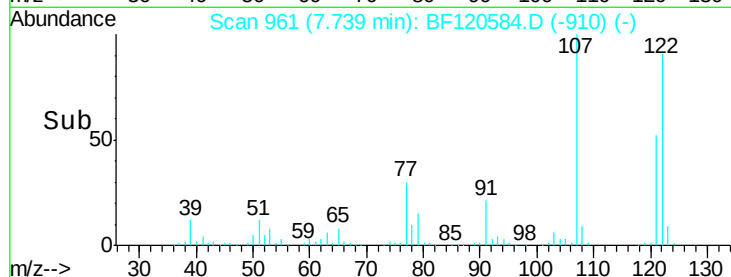
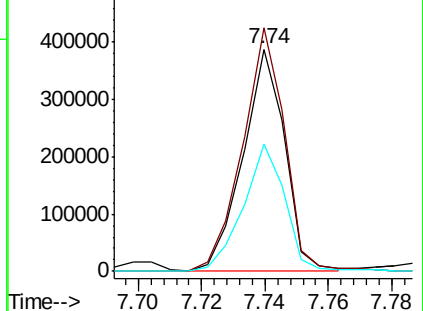
121 57.5 45.4 68.2



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: 41.931 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

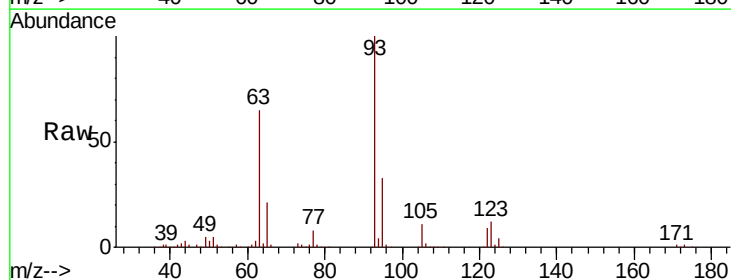
Tgt Ion: 93 Resp: 478628

Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

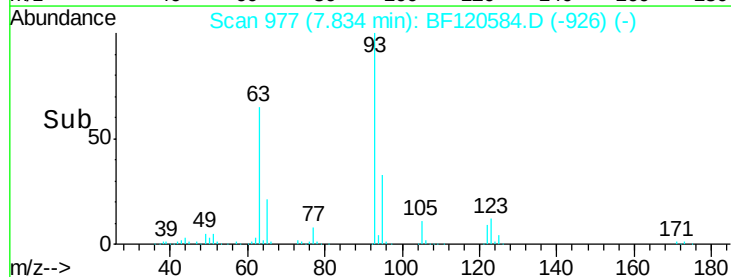
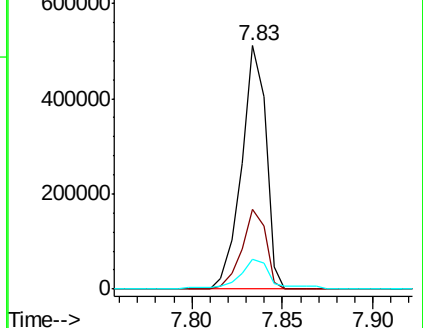
123 12.4 9.5 14.3

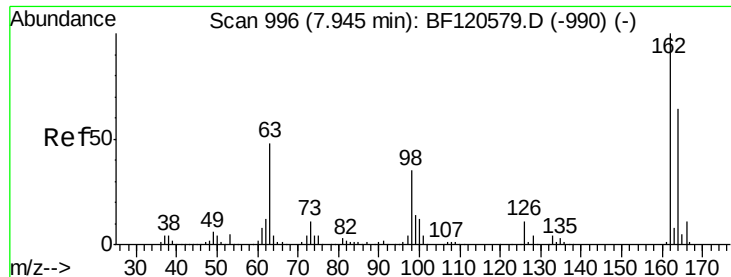


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

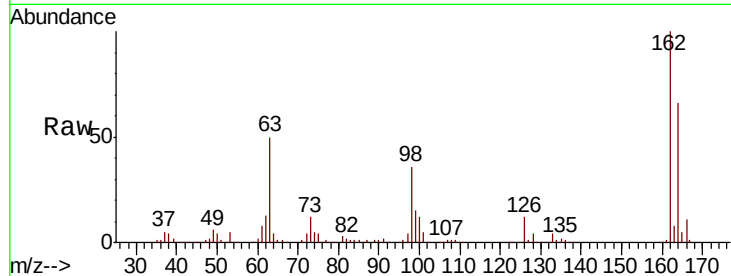




#29
 2,4-Dichlorophenol
 Concen: 42.043 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060920

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.1	84.1
98	36.1	14.6	54.6

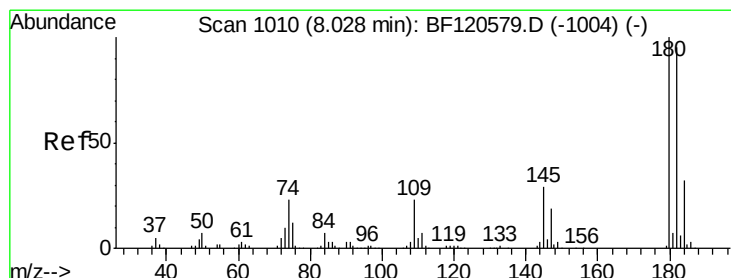
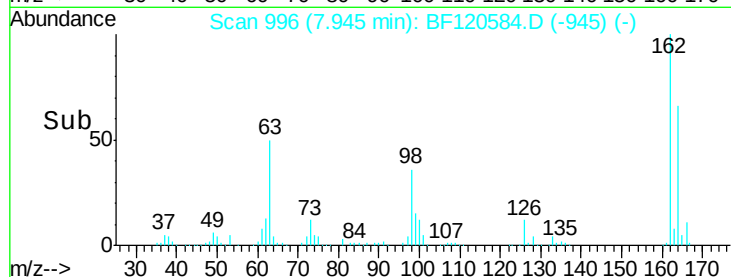
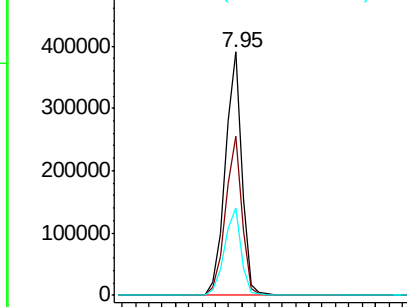


Abundance

Ion 162.00 (161.70 to 162.70): E

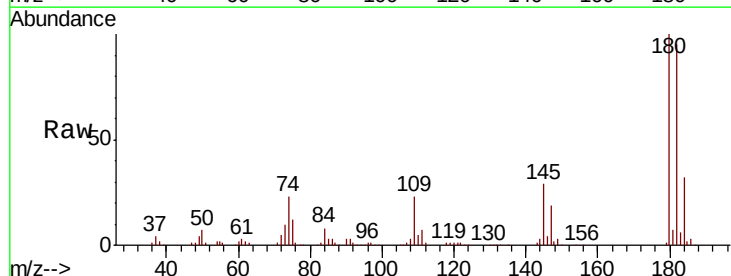
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.328 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.4
145	28.8	23.0	34.6

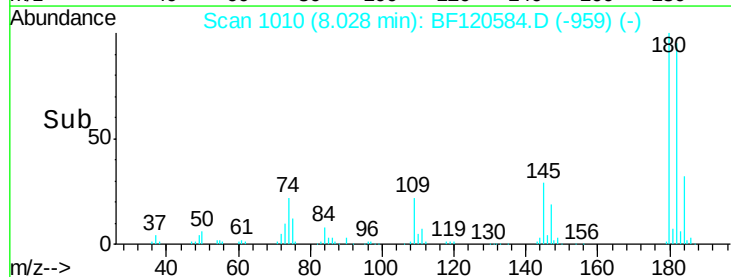
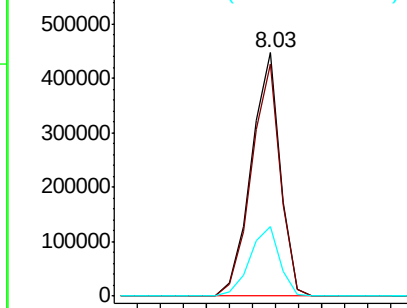


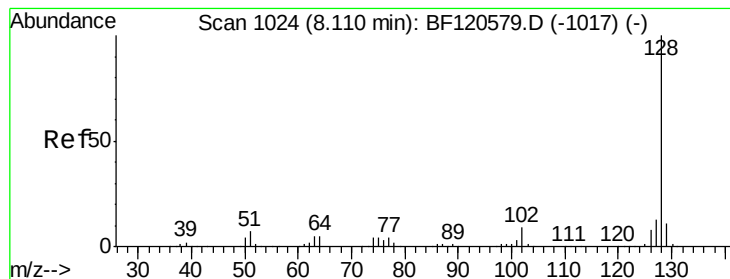
Abundance

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: 42.402 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

ClientSampleId :

ICVBF060920

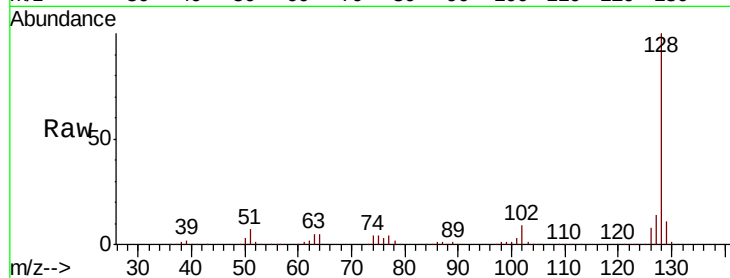
Tot Ion:128 Resp: 1177768

Ion Ratio Lower Upper

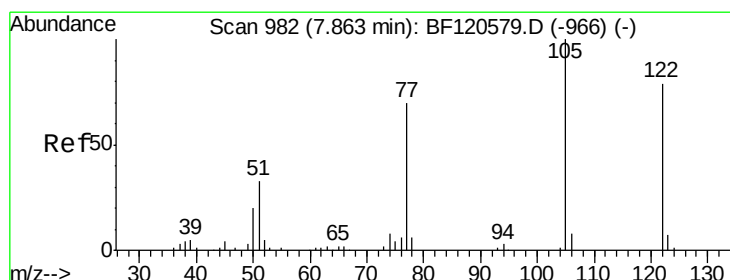
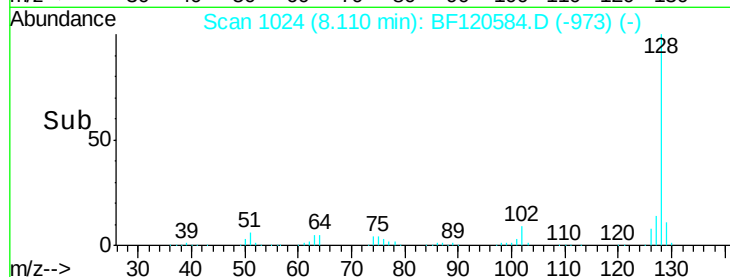
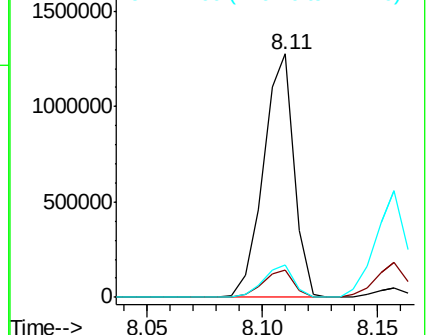
128 100

129 11.2 9.0 13.6

127 13.5 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: 41.952 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

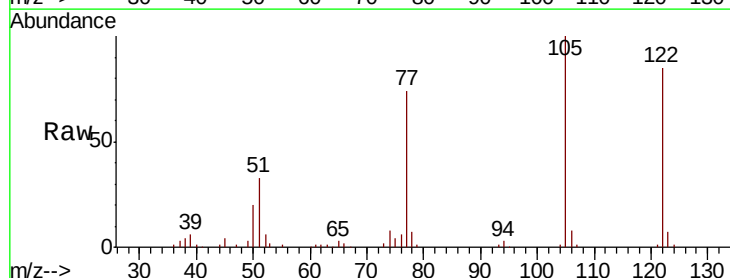
Tgt Ion:122 Resp: 269888

Ion Ratio Lower Upper

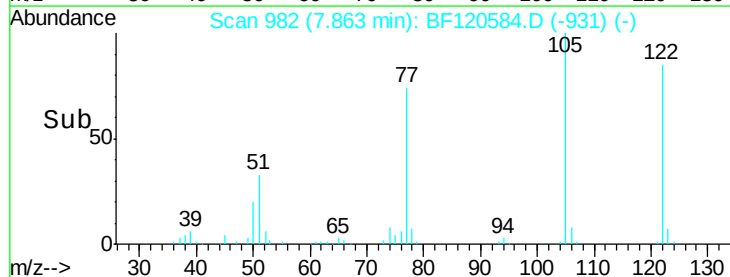
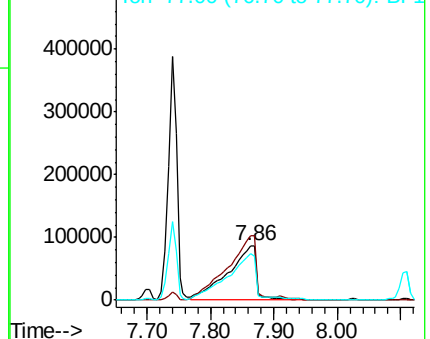
122 100

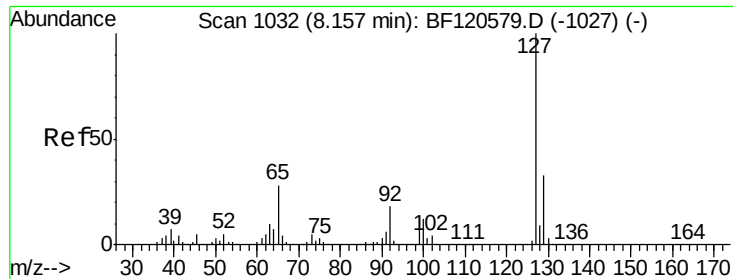
105 117.0 101.1 141.1

77 86.0 66.8 106.8



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

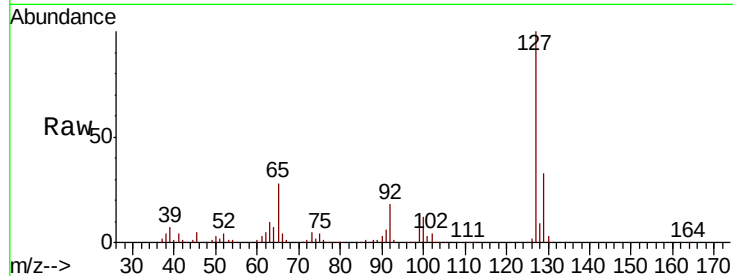




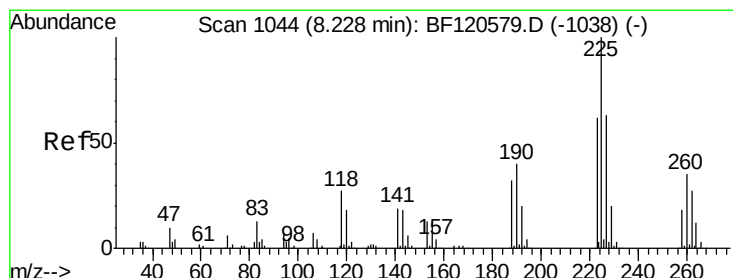
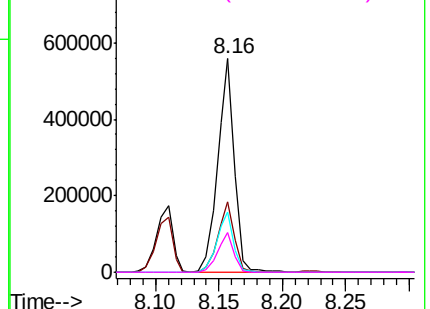
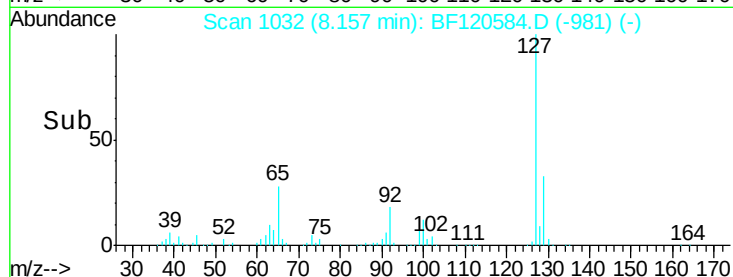
#33
4-Chloroaniline
Concen: 41.725 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

Tot Ion:	127	Resp:	517268
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.2
65	28.0	22.6	33.8
92	18.4	14.6	21.8

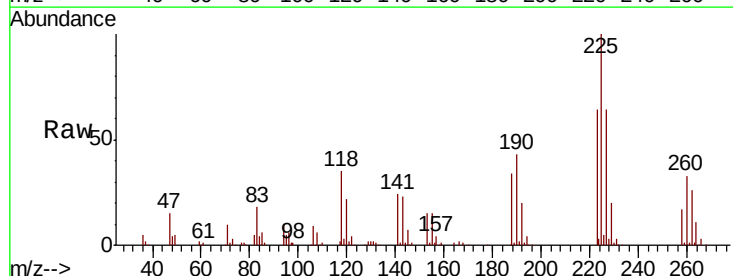


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

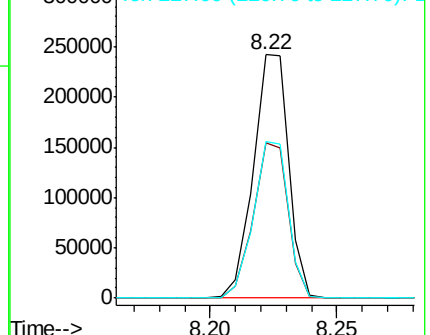
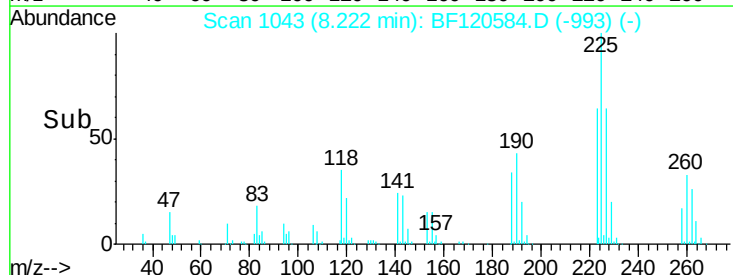


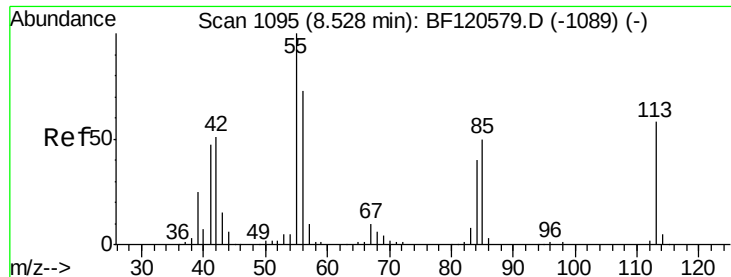
#34
Hexachlorobutadiene
Concen: 43.585 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion:	225	Resp:	234986
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.5	74.3
227	64.1	50.6	76.0



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

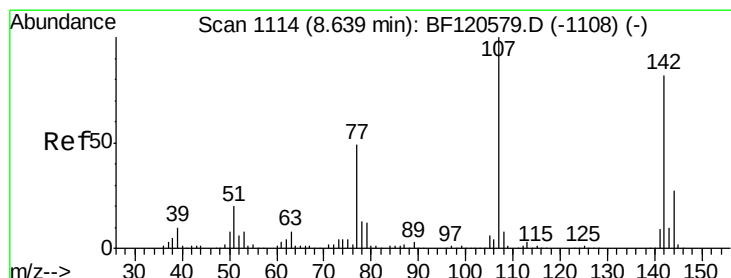
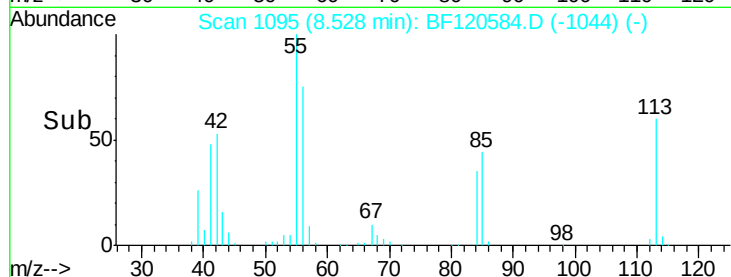
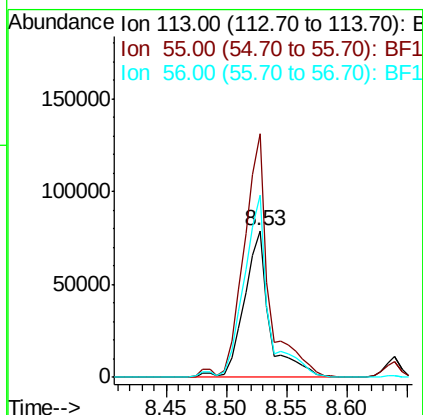
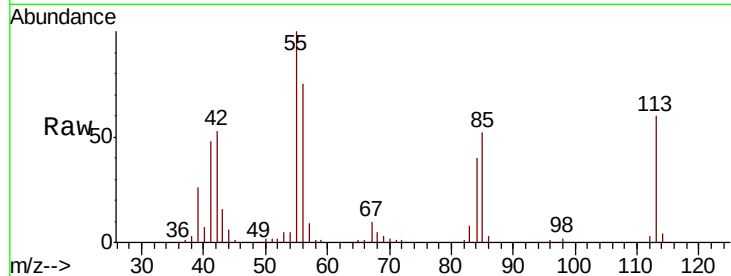




#35
 Caprolactam
 Concen: 41.107 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

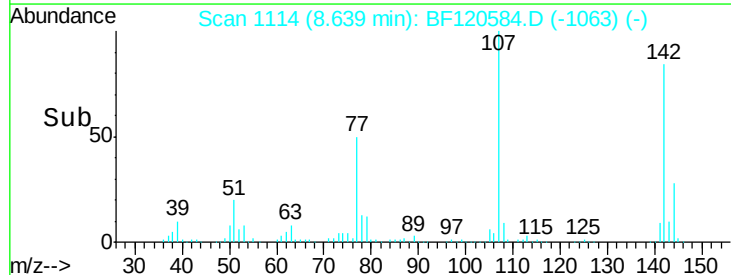
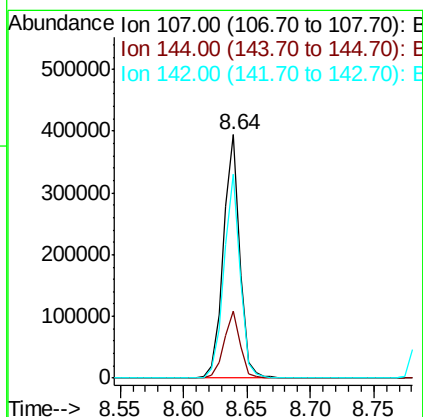
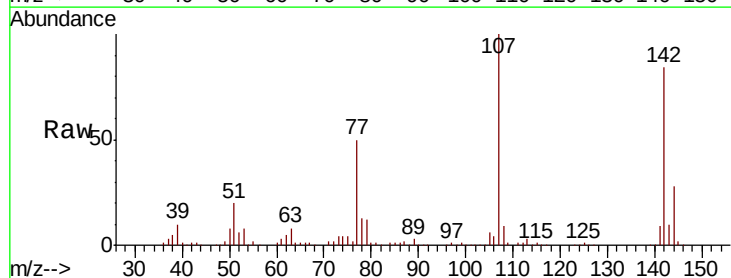
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060920

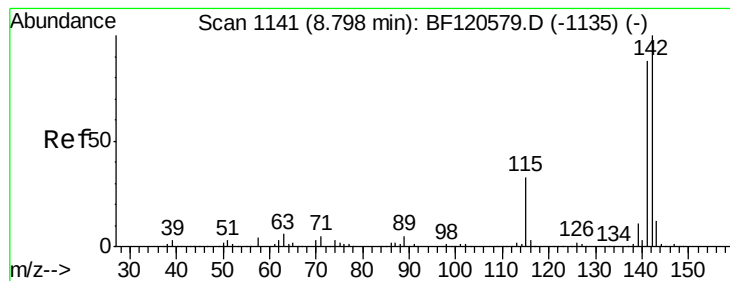
Tot Ion:113 Resp: 116001
 Ion Ratio Lower Upper
 113 100
 55 166.0 152.8 192.8
 56 124.0 105.9 145.9



#36
 4-Chloro-3-methylphenol
 Concen: 41.793 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Tgt Ion:107 Resp: 355038
 Ion Ratio Lower Upper
 107 100
 144 27.6 21.6 32.4
 142 83.6 65.8 98.8





#37

2-Methylnaphthalene

Concen: 42.500 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

ClientSampleId :

ICVBF060920

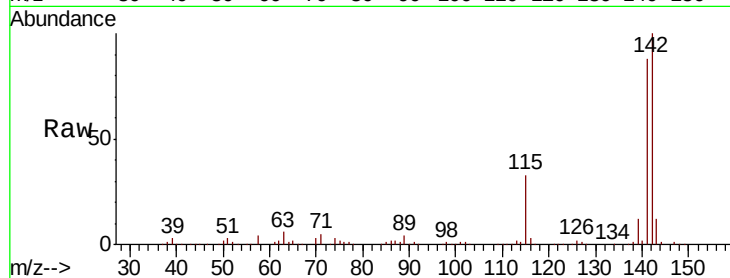
Tot Ion:142 Resp: 785987

Ion Ratio Lower Upper

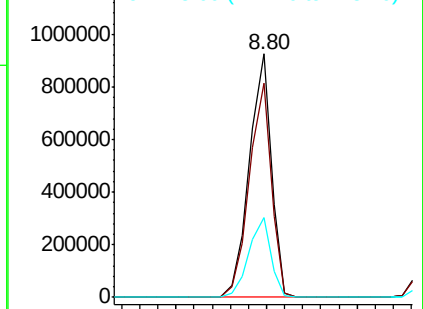
142 100

141 88.2 70.2 105.2

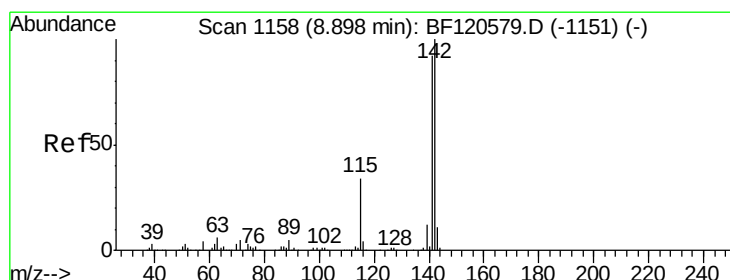
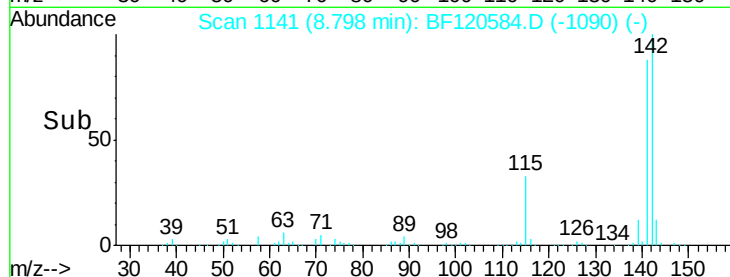
115 32.7 26.6 39.8



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



Time-->



#38

1-Methylnaphthalene

Concen: 43.660 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

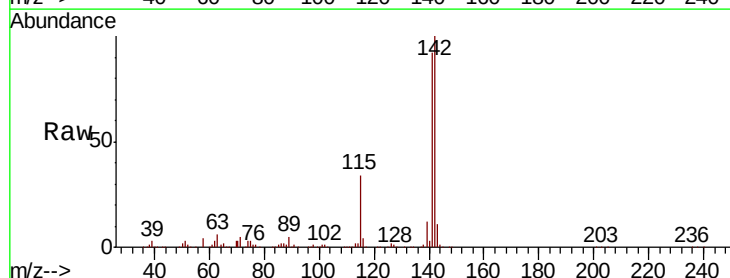
Tgt Ion:142 Resp: 739640

Ion Ratio Lower Upper

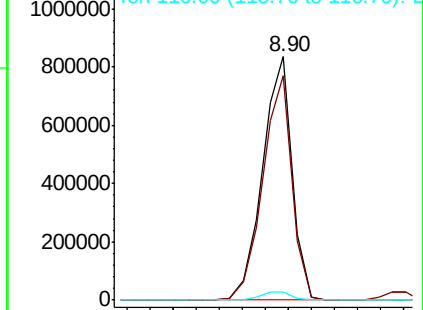
142 100

141 92.1 73.3 109.9

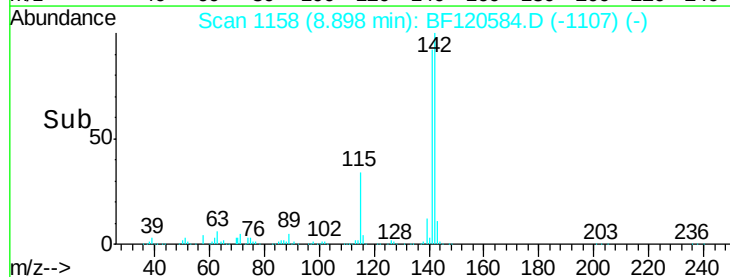
116 3.5 2.9 4.3

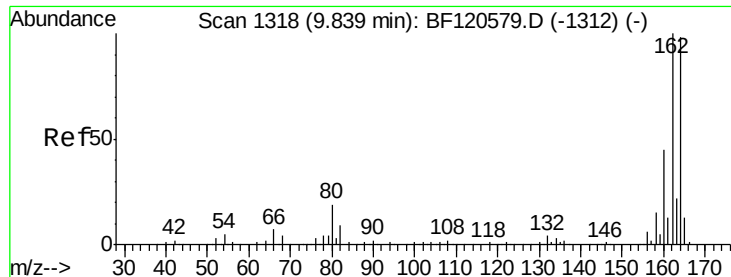


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

ClientSampleId :

ICVBF060920

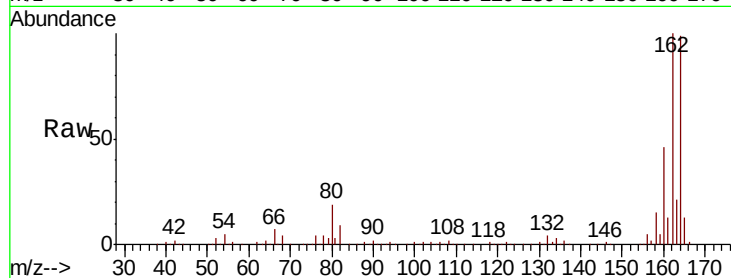
Tot Ion:164 Resp: 326643

Ion Ratio Lower Upper

164 100

162 100.5 81.4 122.2

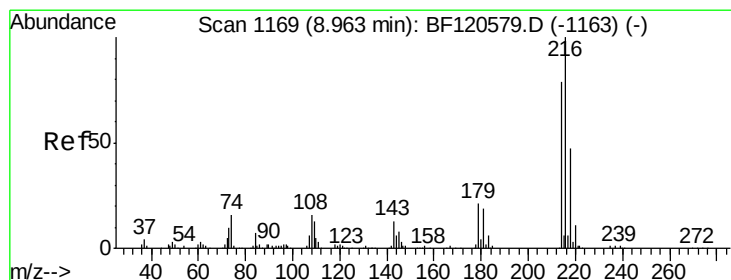
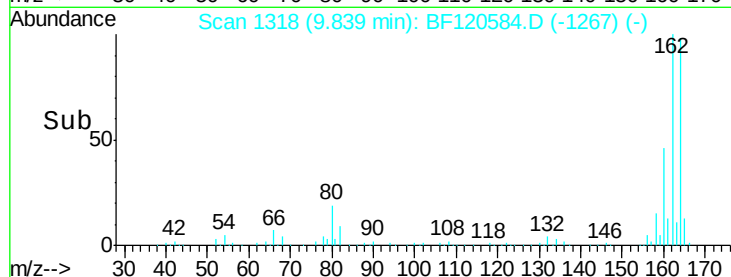
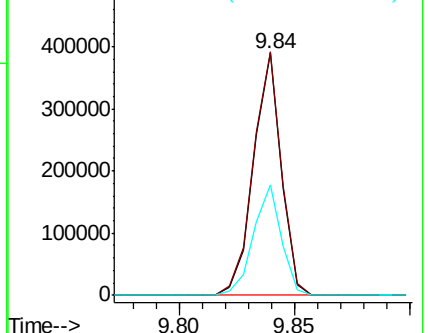
160 45.8 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.270 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Tgt Ion:216 Resp: 373763

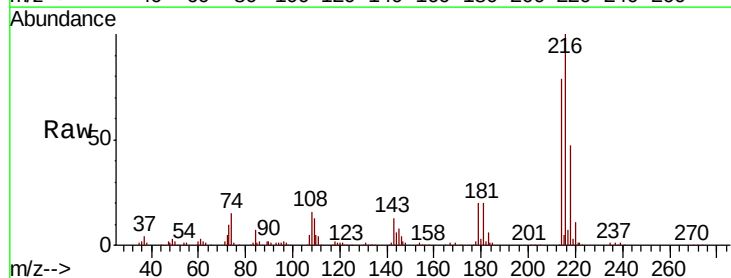
Ion Ratio Lower Upper

216 100

214 78.9 62.8 94.2

179 20.3 16.2 24.2

108 17.8 14.0 21.0

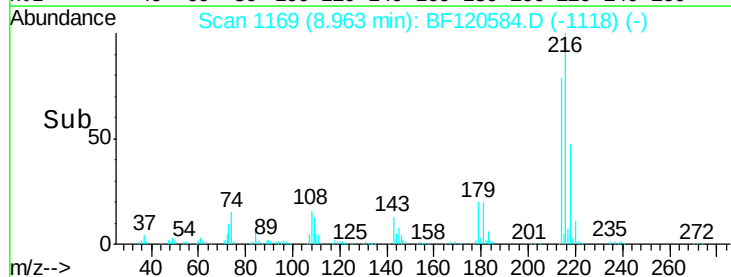
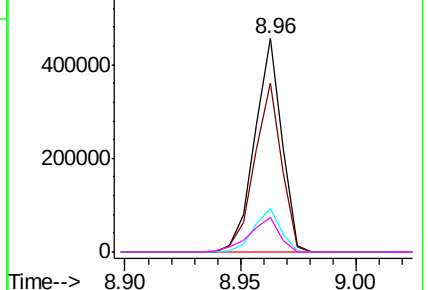


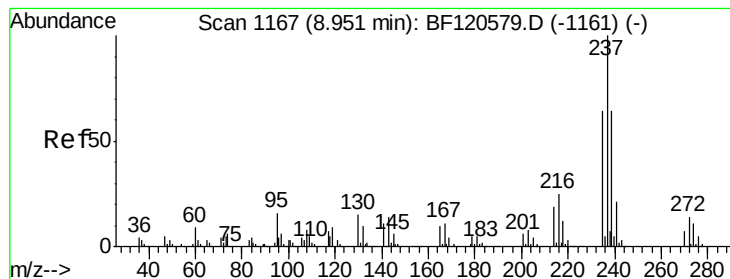
Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.222 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

ClientSampleId :

ICVBF060920

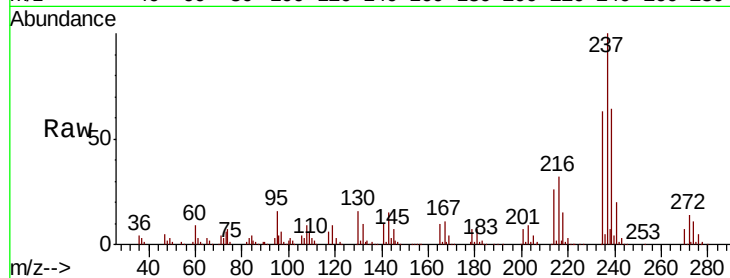
Tot Ion:237 Resp: 213470

Ion Ratio Lower Upper

237 100

235 63.2 44.2 84.2

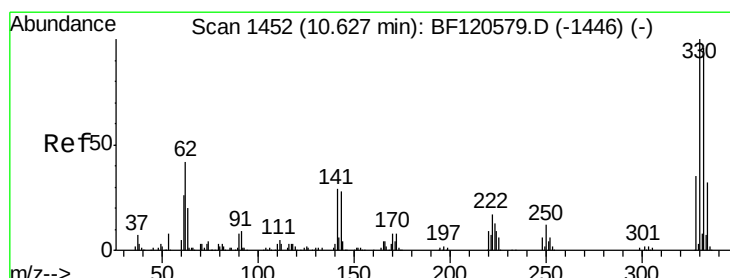
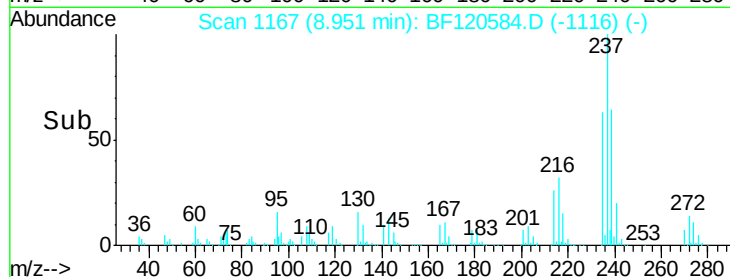
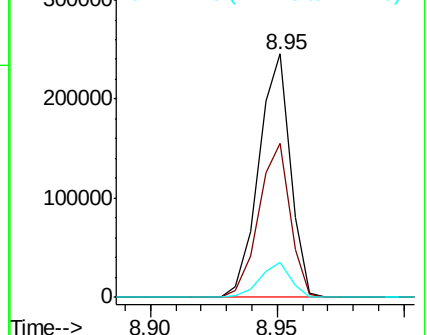
272 14.1 0.0 34.0



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: 85.679 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

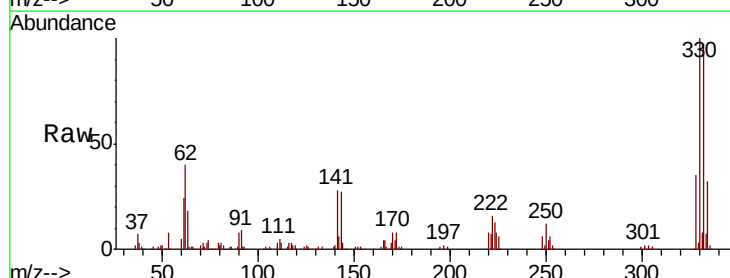
Tgt Ion:330 Resp: 288858

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.4

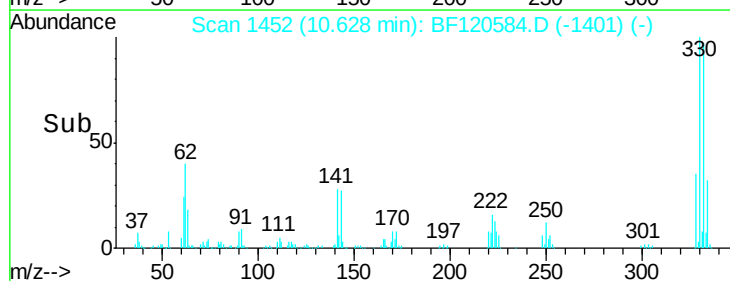
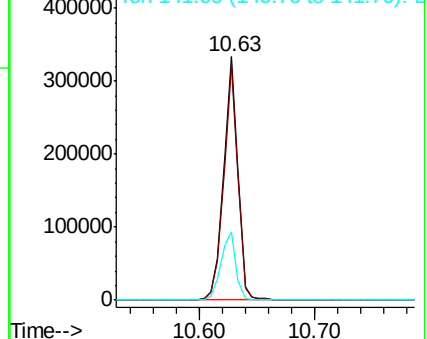
141 29.0 23.5 35.3

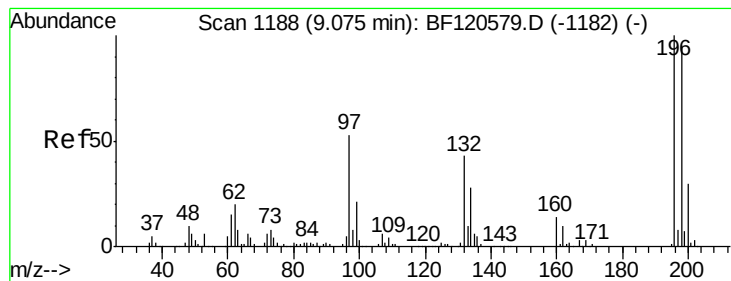


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 42.802 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

ClientSampleId :

ICVBF060920

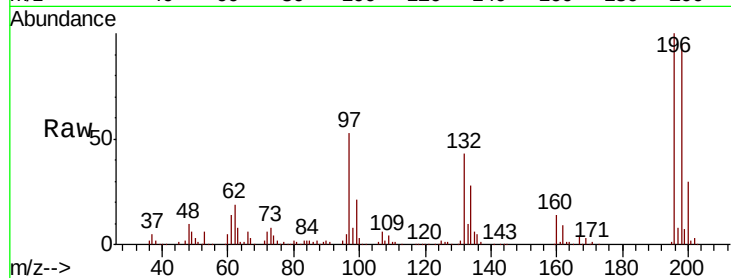
Tot Ion:196 Resp: 262295

Ion Ratio Lower Upper

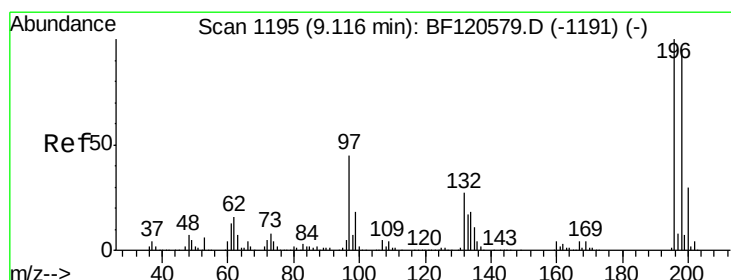
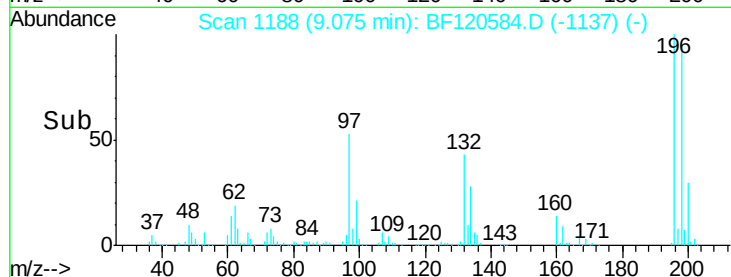
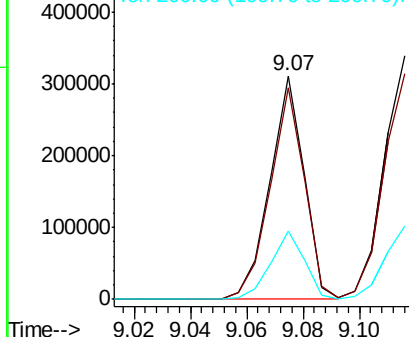
196 100

198 94.7 76.2 114.2

200 30.3 24.2 36.4



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



#44

2,4,5-Trichlorophenol

Concen: 43.255 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Tgt Ion:196 Resp: 301374

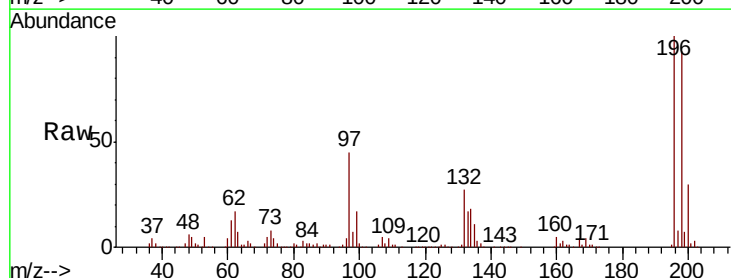
Ion Ratio Lower Upper

196 100

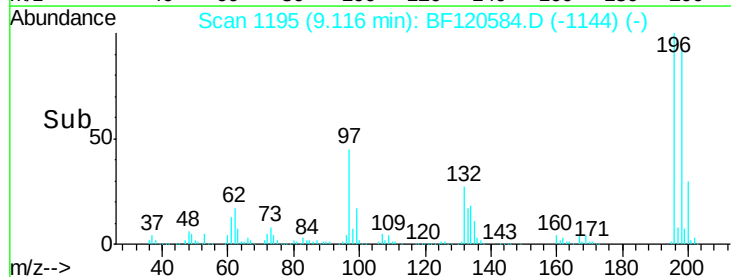
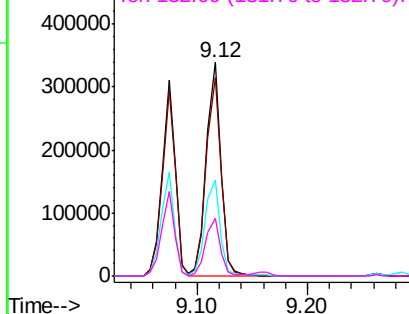
198 92.8 76.2 114.4

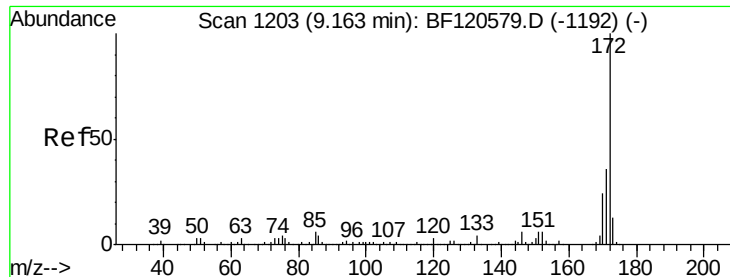
97 45.2 36.2 54.4

132 27.0 21.3 31.9



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

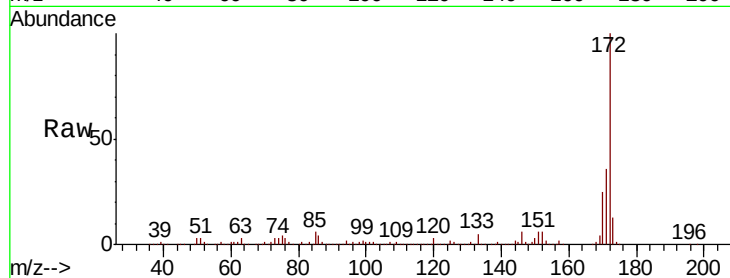




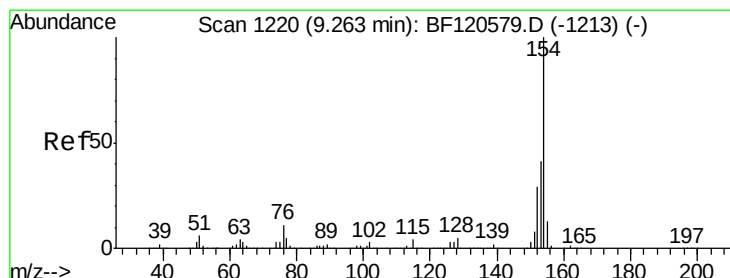
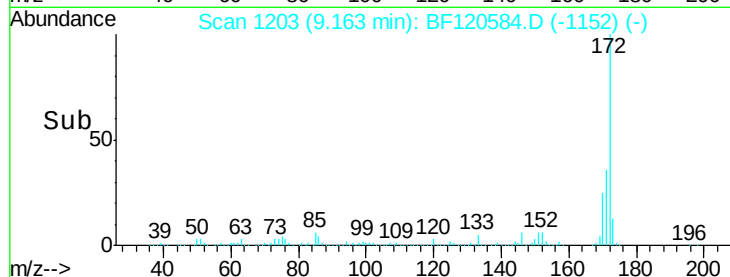
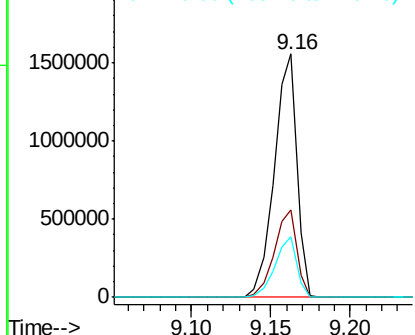
#45
2-Fluorobiphenyl
Concen: 79.148 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

Tot Ion:172 Resp: 1540294
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.7 19.5 29.3

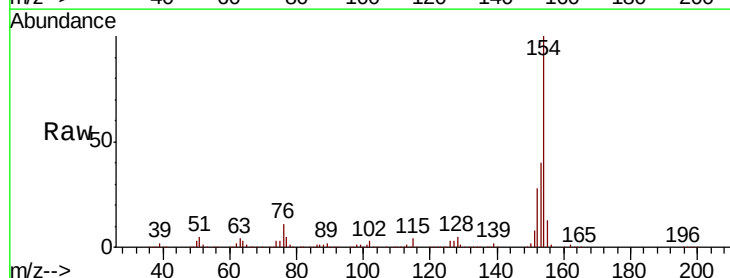


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

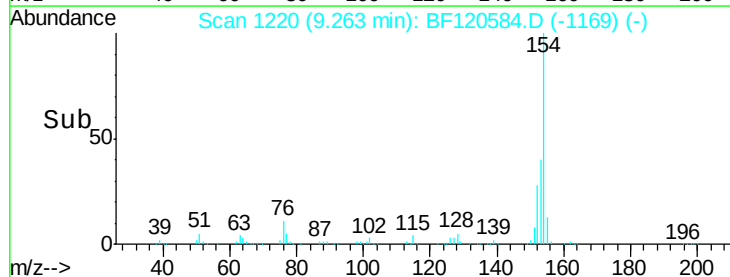
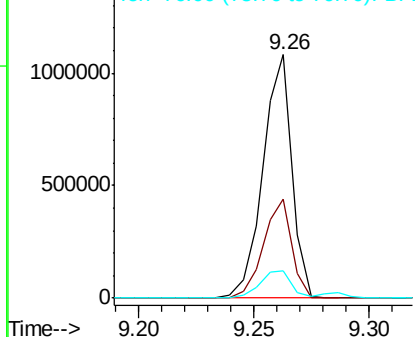


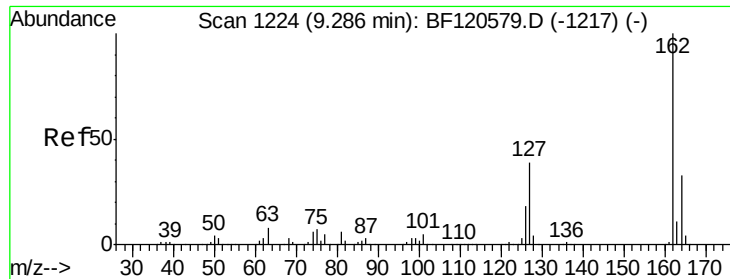
#46
1,1'-Biphenyl
Concen: 42.347 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion:154 Resp: 938849
Ion Ratio Lower Upper
154 100
153 40.4 20.7 60.7
76 11.3 0.0 31.4



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

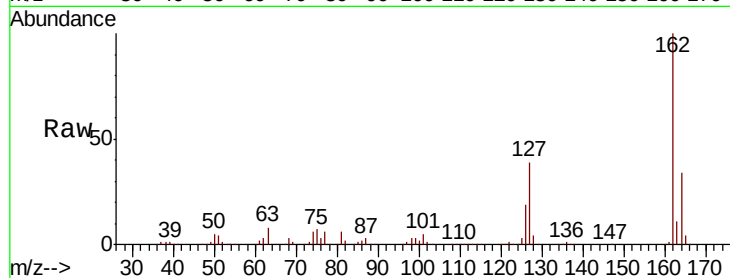




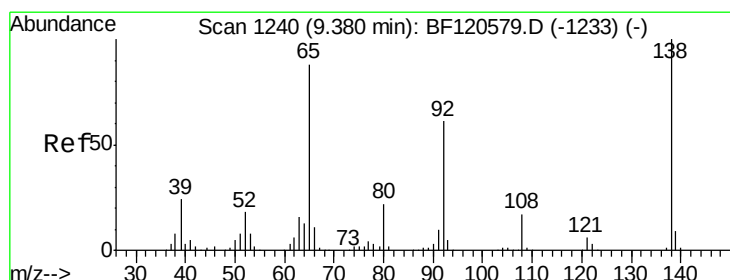
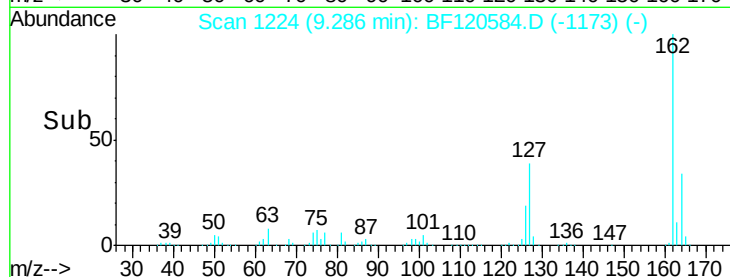
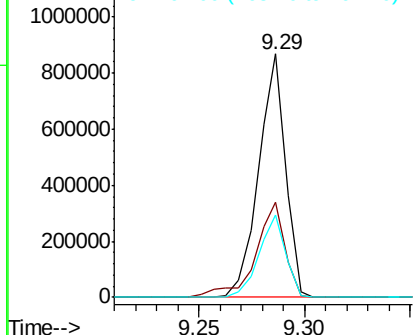
#47
2-Chloronaphthalene
Concen: 42.015 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

Tot Ion:162 Resp: 767847
Ion Ratio Lower Upper
162 100
127 38.9 31.2 46.8
164 33.7 26.6 39.8

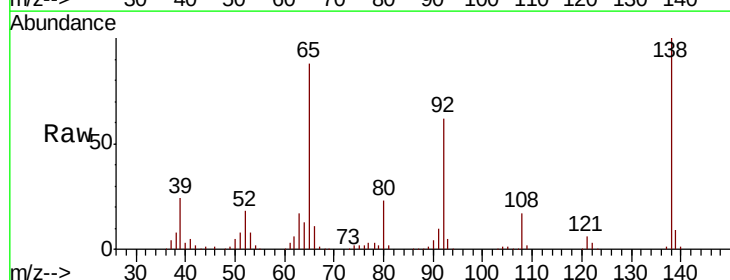


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

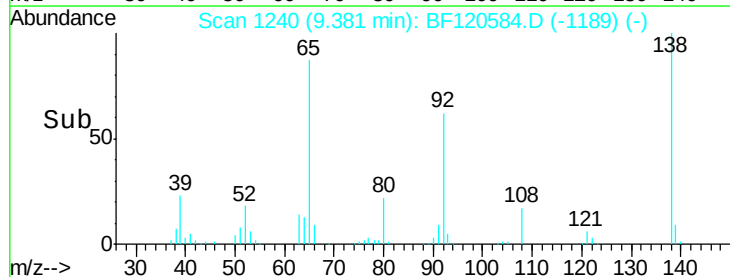
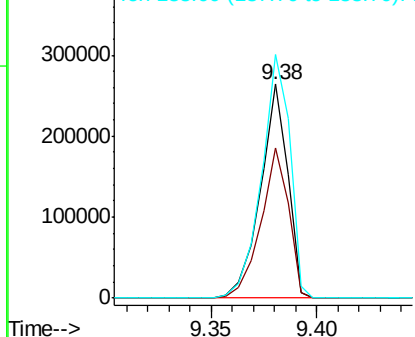


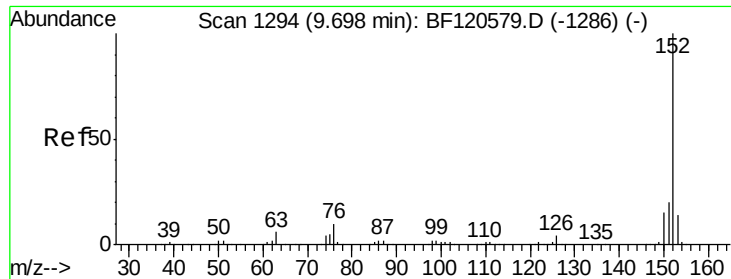
#48
2-Nitroaniline
Concen: 41.785 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion: 65 Resp: 237733
Ion Ratio Lower Upper
65 100
92 70.2 55.6 83.4
138 113.9 91.2 136.8



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





#49

Acenaphthylene

Concen: 43.198 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

ClientSampleId :

ICVBF060920

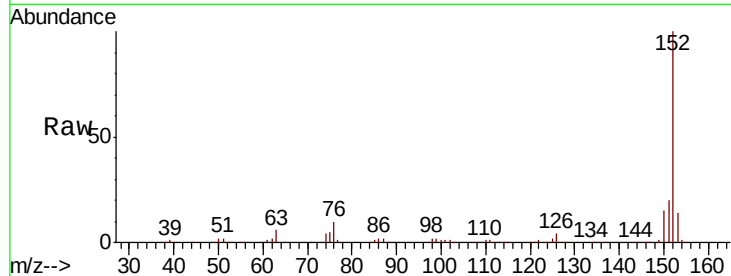
Tot Ion:152 Resp: 1195091

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

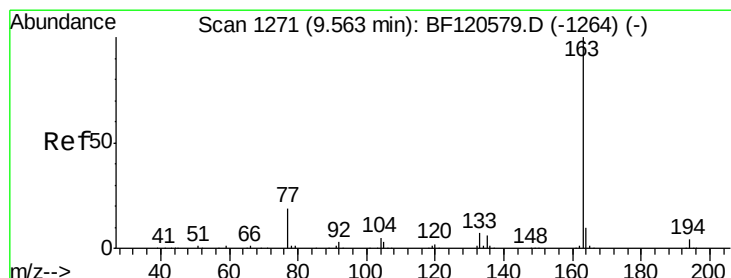
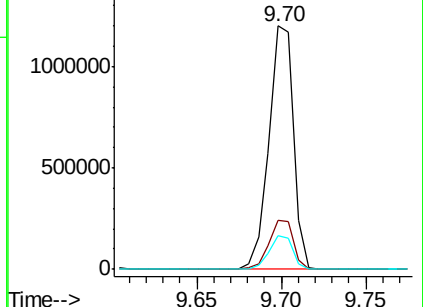
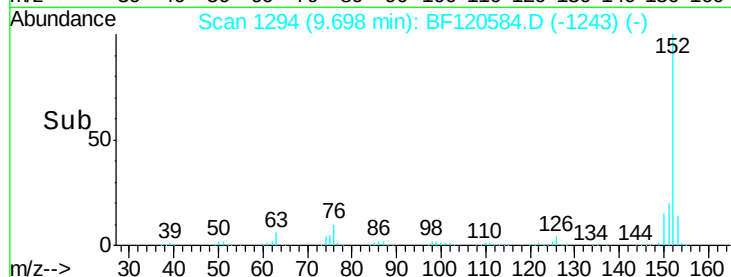
153 13.7 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.366 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

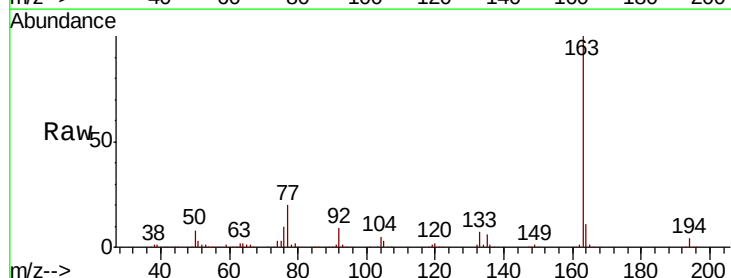
Tgt Ion:163 Resp: 896935

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

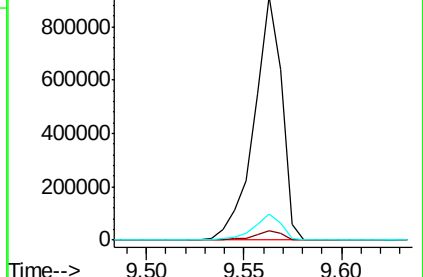
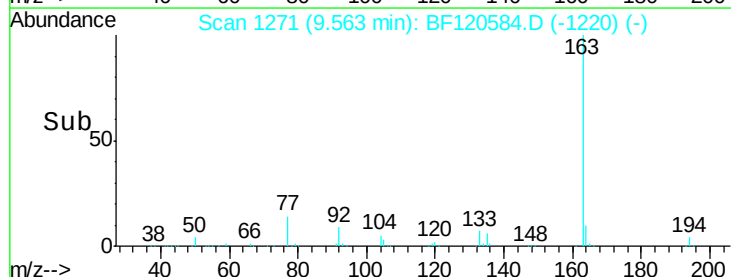
164 10.6 8.2 12.2

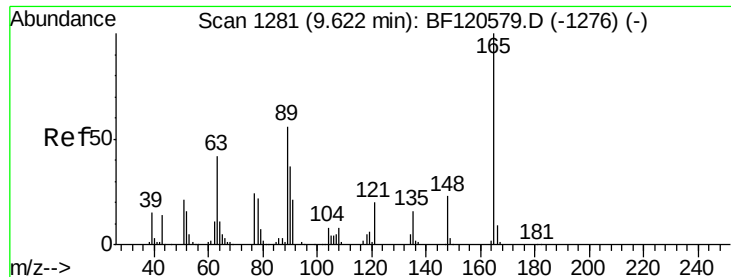


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

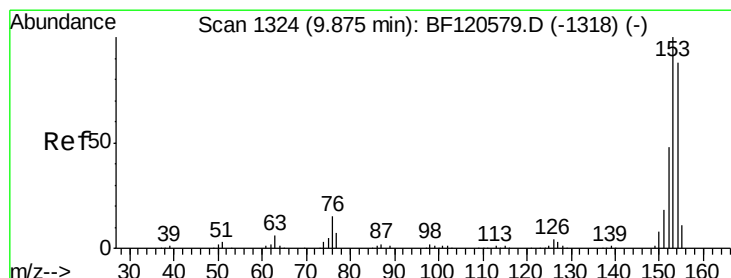
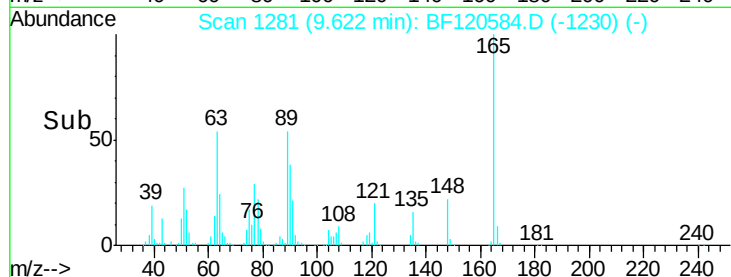
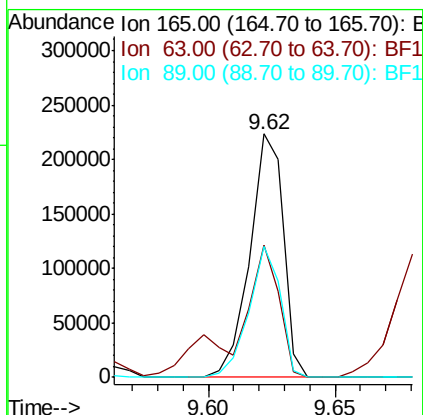
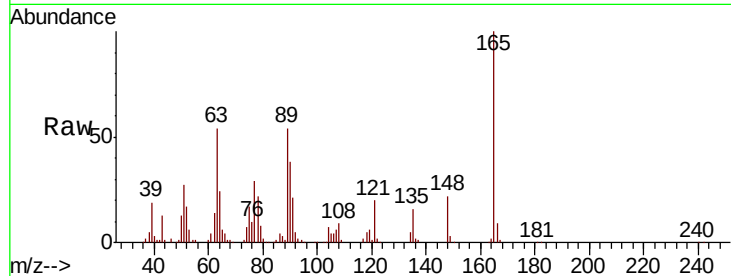




#51
 2,6-Dinitrotoluene
 Concen: 42.683 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

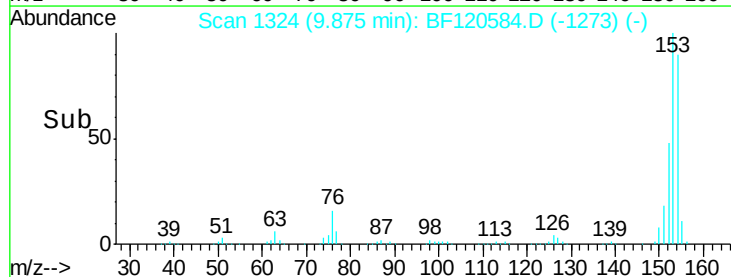
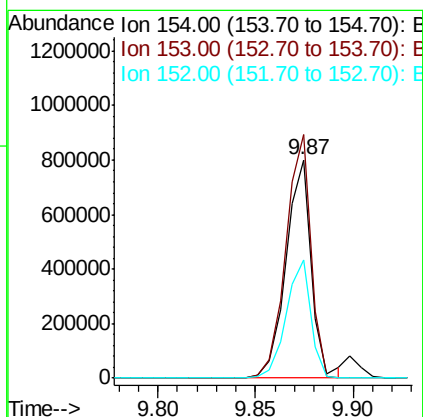
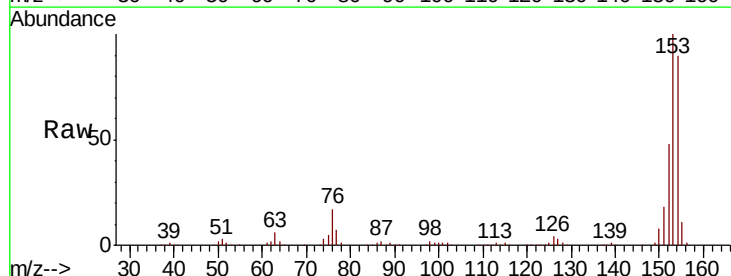
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060920

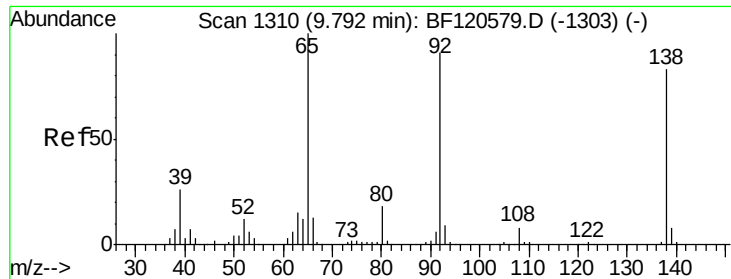
Tot Ion	165	Resp	205957
Ion Ratio	100	Lower	Upper
63	54.1	43.8	65.8
89	53.6	44.9	67.3



#52
 Acenaphthene
 Concen: 43.578 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Tgt Ion	154	Resp	720584
Ion Ratio	100	Lower	Upper
153	111.6	90.4	135.6
152	53.9	43.0	64.6

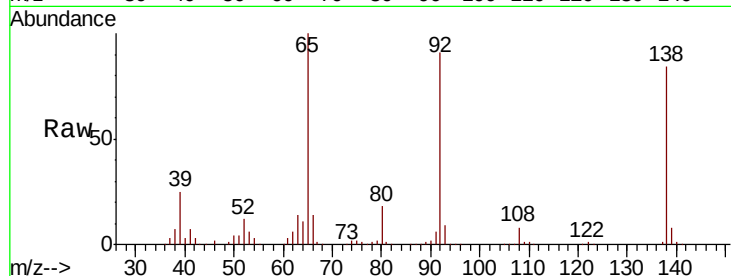




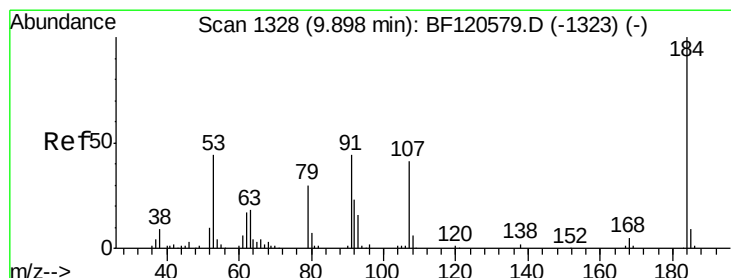
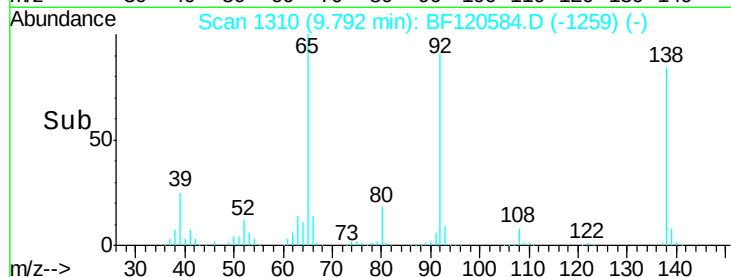
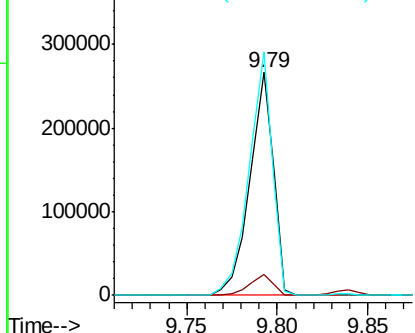
#53
 3-Nitroaniline
 Concen: 42.188 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060920

Tot Ion:138 Resp: 240713
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.7 11.5
 92 109.4 87.4 131.0

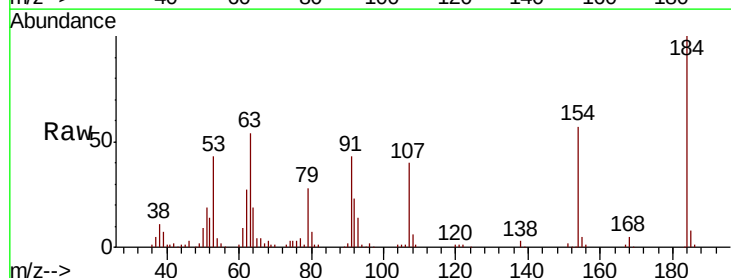


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

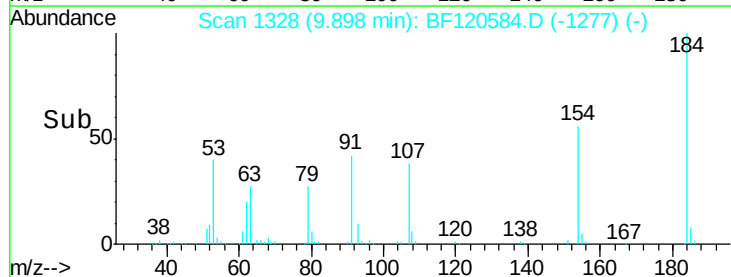
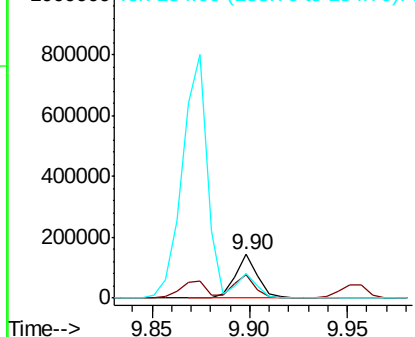


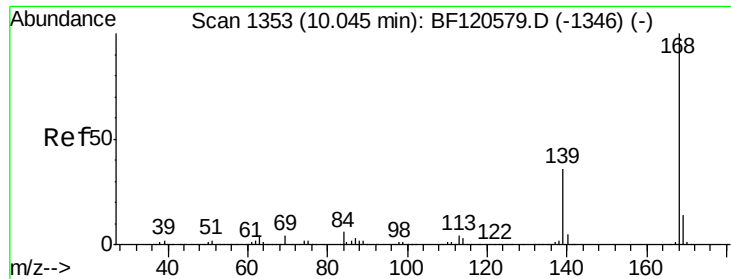
#54
 2,4-Dinitrophenol
 Concen: 44.004 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Tgt Ion:184 Resp: 114424
 Ion Ratio Lower Upper
 184 100
 63 54.3 46.2 69.4
 154 56.7 45.9 68.9



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

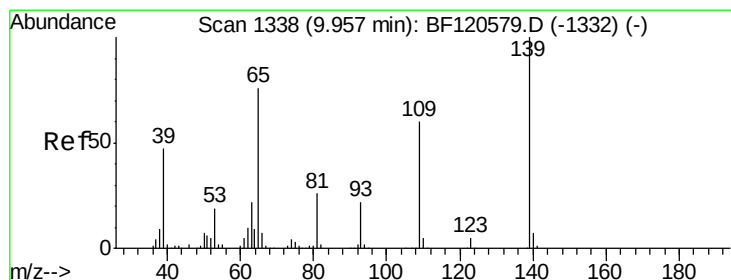
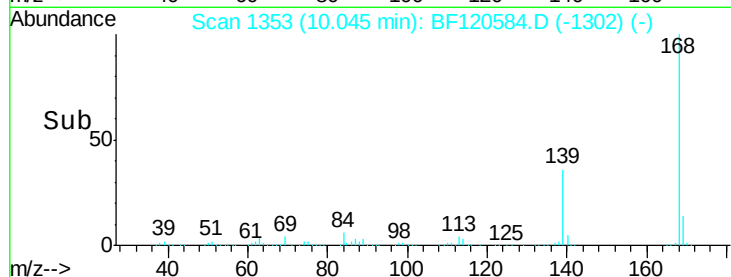
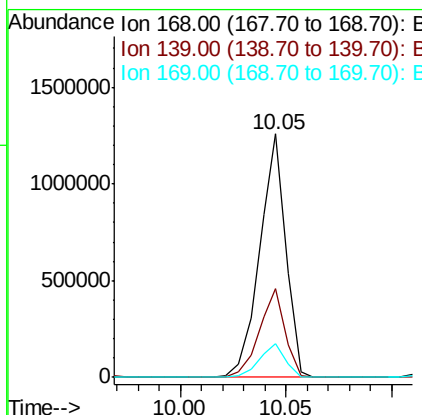
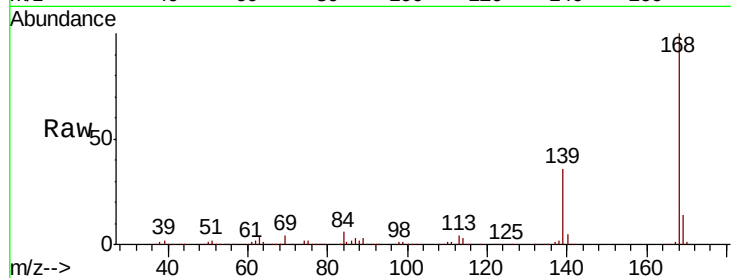




#55
Dibenzenofuran
Concen: 43.057 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

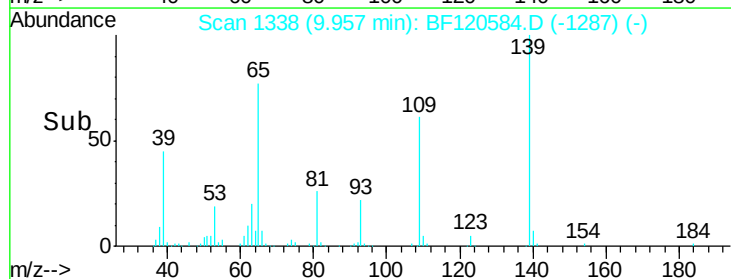
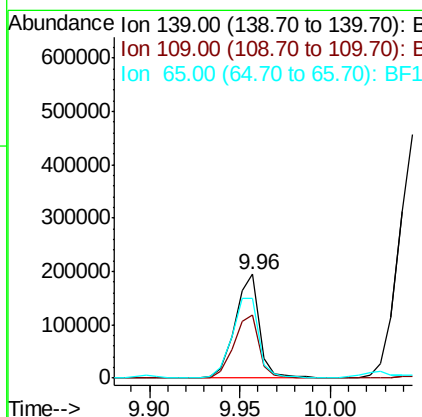
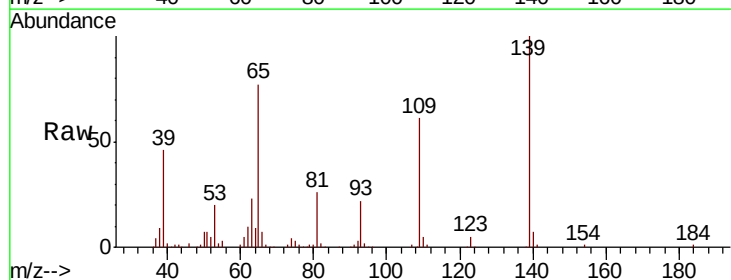
Instrument :
BNA_F
ClientSampleId :
ICVBF060920

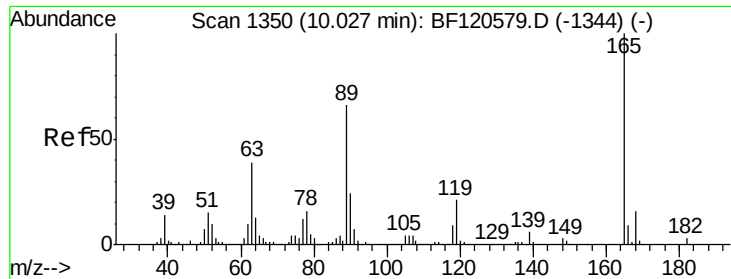
Tot Ion:168 Resp: 1075952
Ion Ratio Lower Upper
168 100
139 36.3 29.1 43.7
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 43.800 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion:139 Resp: 182231
Ion Ratio Lower Upper
139 100
109 61.4 39.8 79.8
65 77.0 56.2 96.2

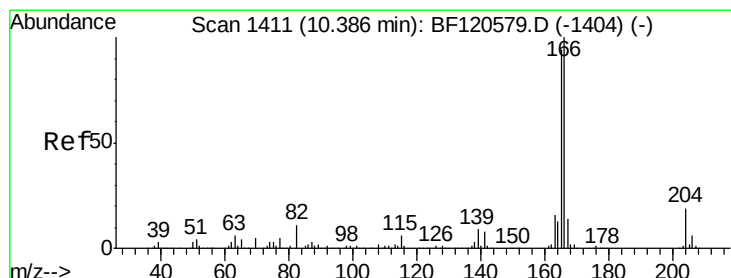
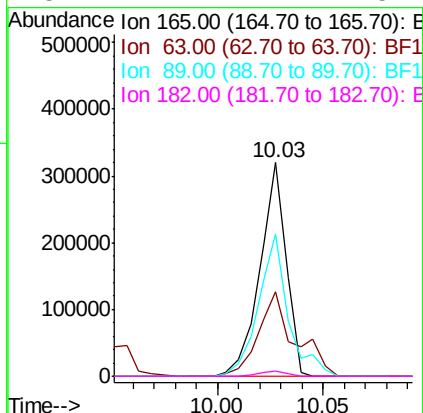
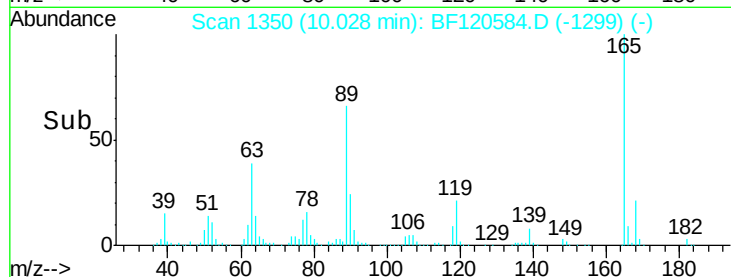
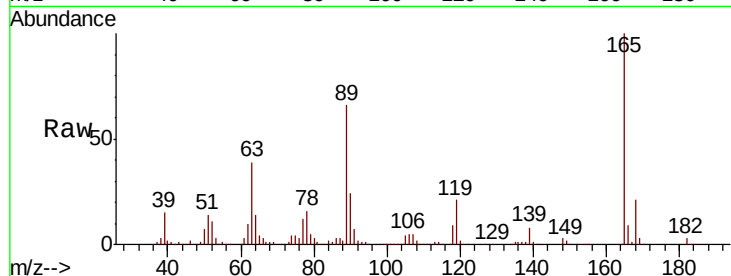




#57
 2,4-Dinitrotoluene
 Concen: 43.818 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

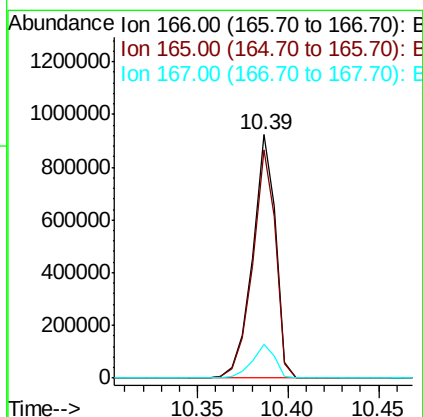
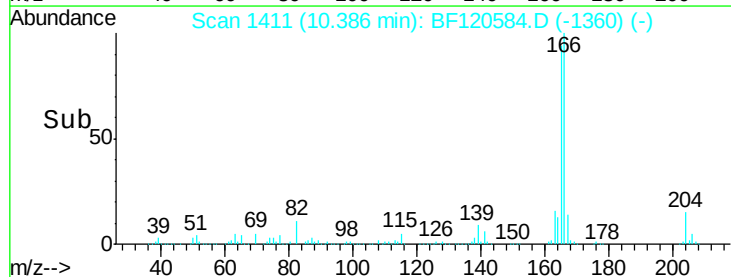
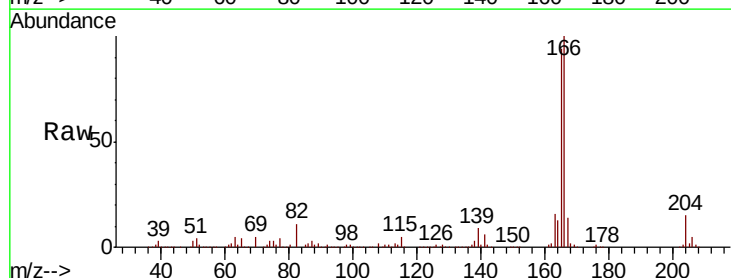
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060920

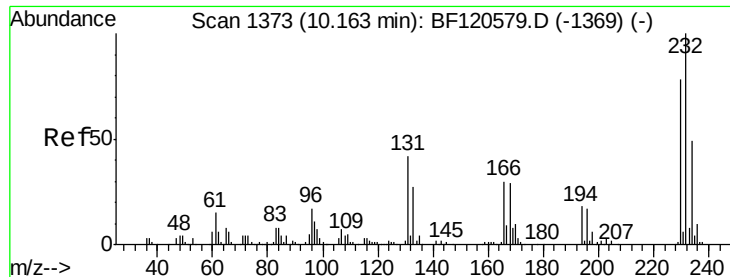
Tot Ion:165	Resp: 275605
Ion Ratio	Lower Upper
165 100	
63 39.4	31.1 46.7
89 66.5	52.6 79.0
182 2.7	2.1 3.1



#58
 Fluorene
 Concen: 43.237 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Tgt	Ion:166	Resp:	811760
Ion	Ratio	Lower	Upper
166	100		
165	94.0	74.8	112.2
167	13.9	11.2	16.8

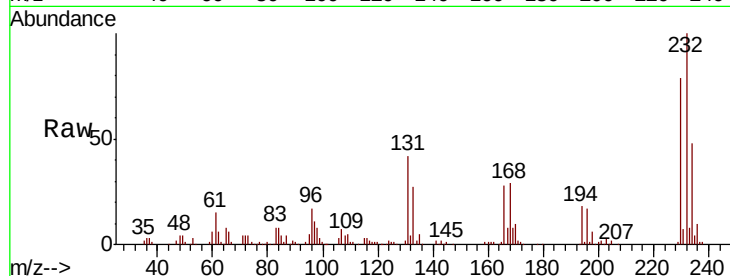




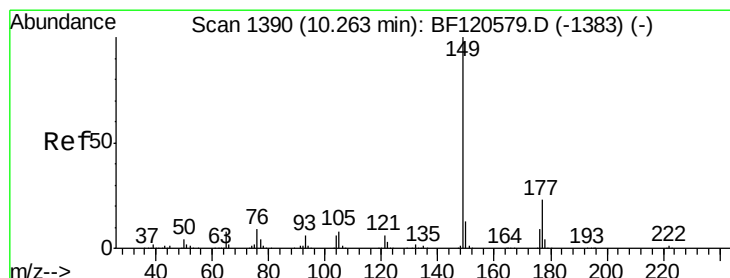
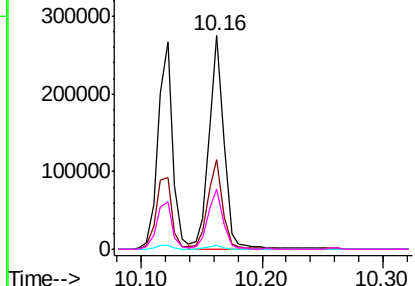
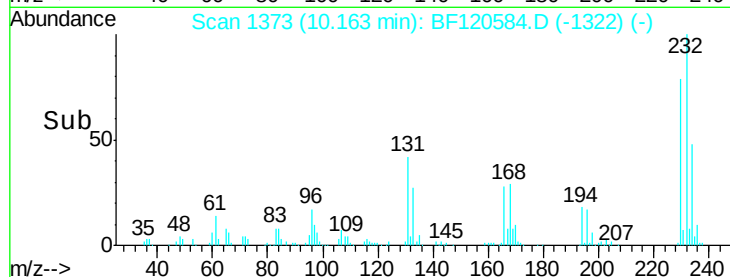
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.201 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060920

Tot Ion:	232	Resp:	234842
Ion	Ratio	Lower	Upper
232	100		
131	41.6	33.1	49.7
130	2.0	1.6	2.4
166	28.3	23.1	34.7

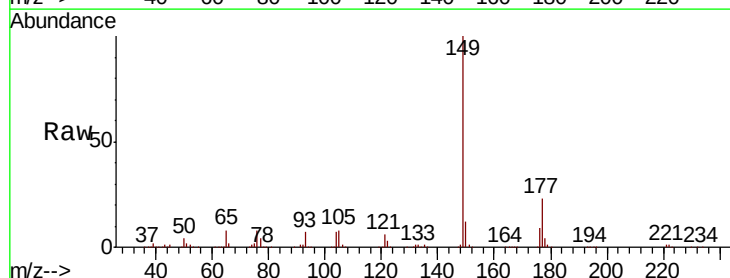


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

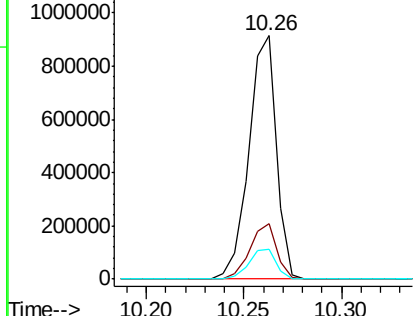
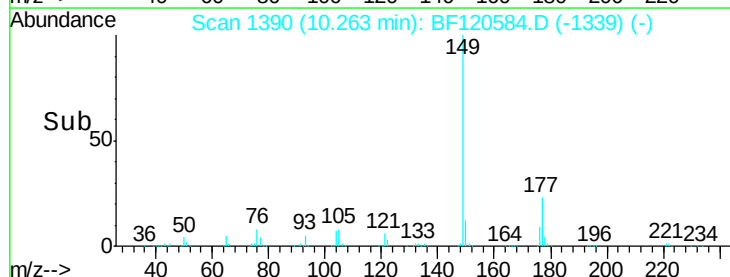


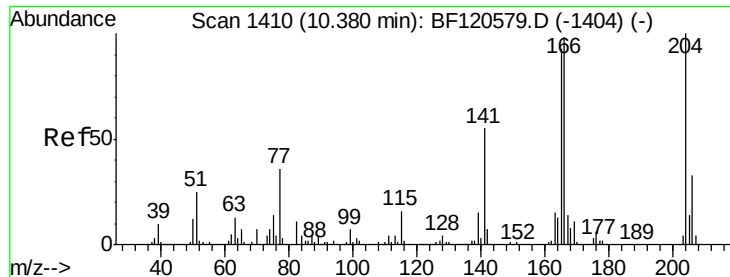
#60
 Diethylphthalate
 Concen: 42.662 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Tgt Ion:	149	Resp:	891540
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.2
150	12.4	10.1	15.1



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

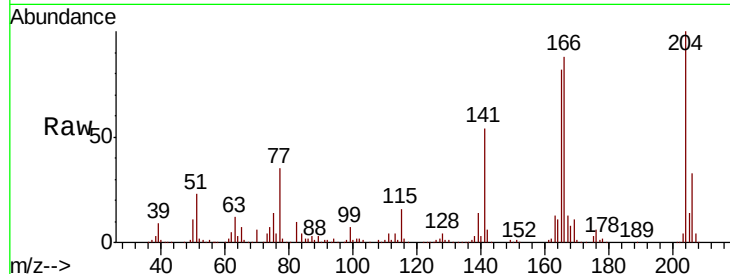




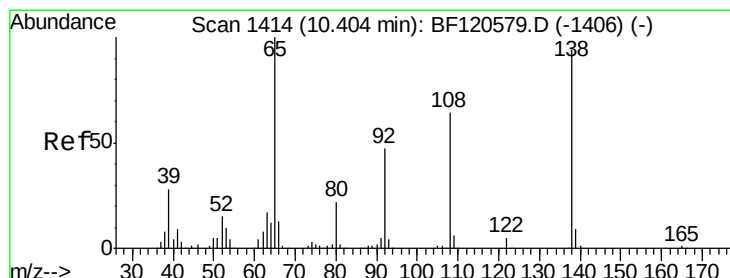
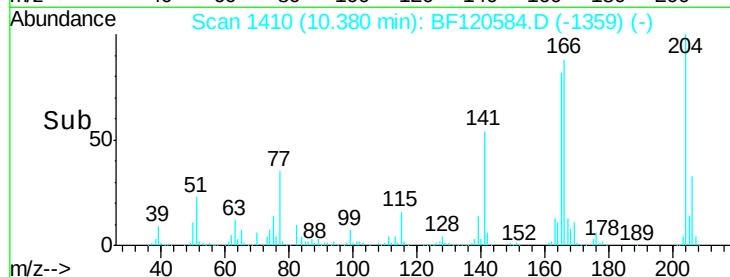
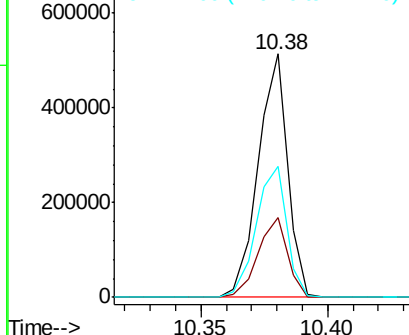
#61
4-Chlorophenyl-phenylether
Concen: 43.177 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

Tot Ion:204 Resp: 418494
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 54.0 44.2 66.2

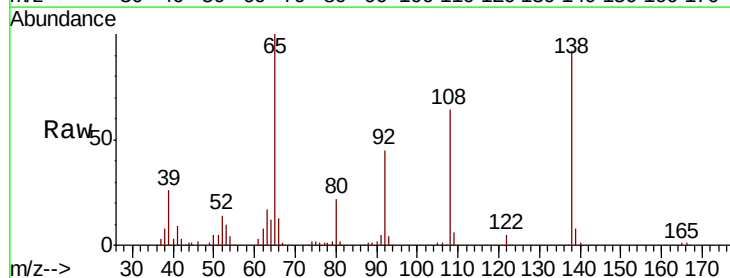


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

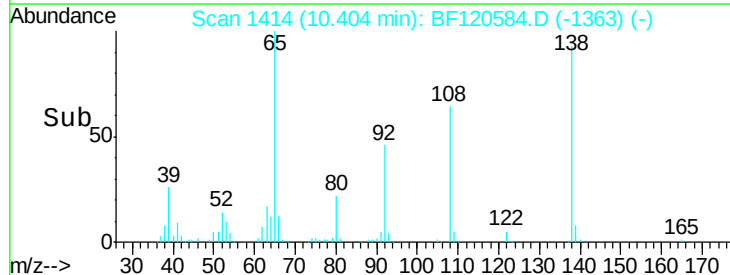
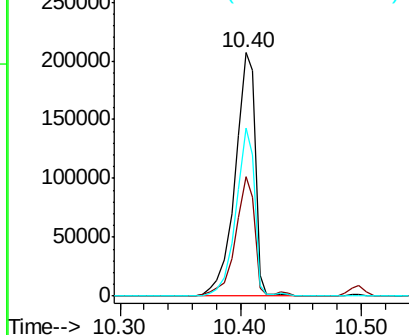


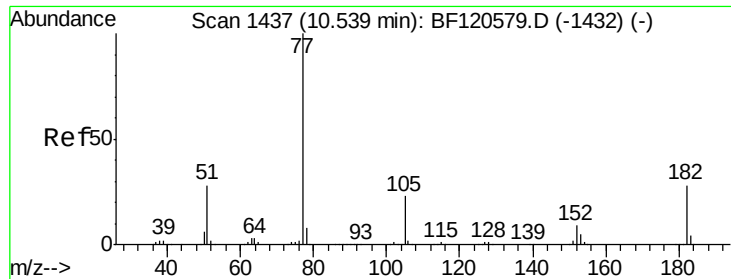
#62
4-Nitroaniline
Concen: 41.937 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion:138 Resp: 241368
Ion Ratio Lower Upper
138 100
92 49.1 29.6 69.6
108 68.9 47.9 87.9



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: 41.141 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

ClientSampleId :

ICVBF060920

Tot Ion: 77 Resp: 804554

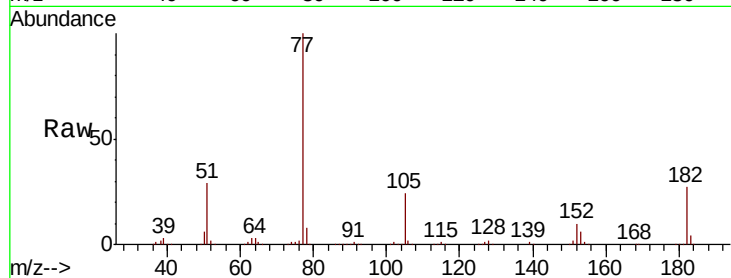
Ion Ratio Lower Upper

77 100

182 27.3 7.5 47.5

105 23.6 3.3 43.3

51 29.2 8.6 48.6

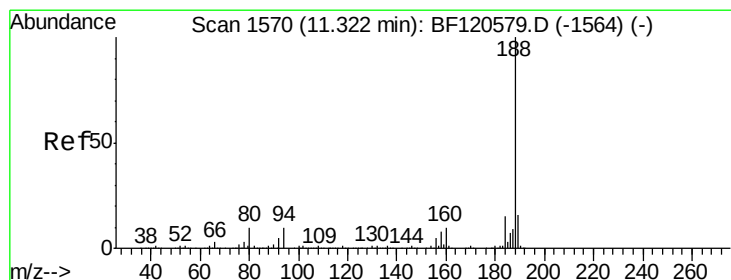
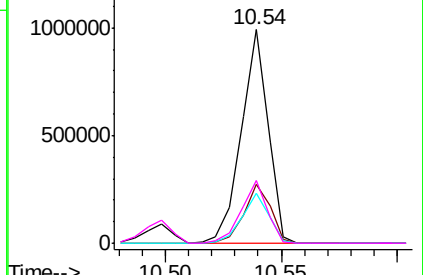
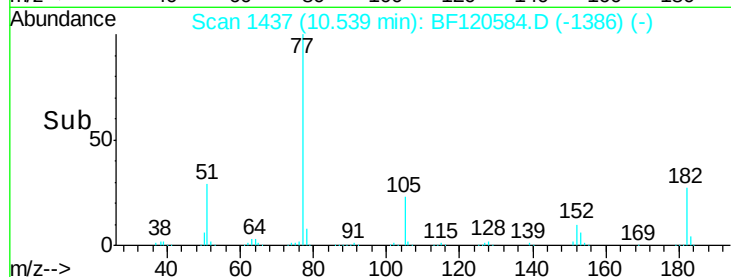


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

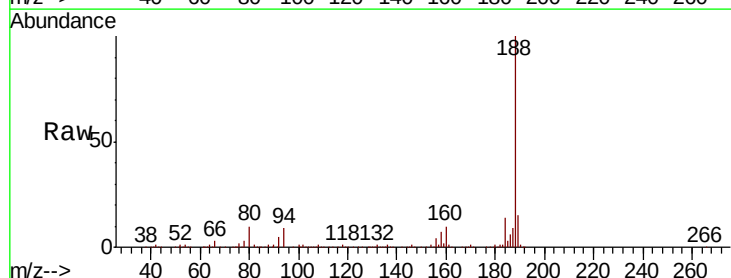
Tgt Ion: 188 Resp: 646696

Ion Ratio Lower Upper

188 100

94 9.3 7.7 11.5

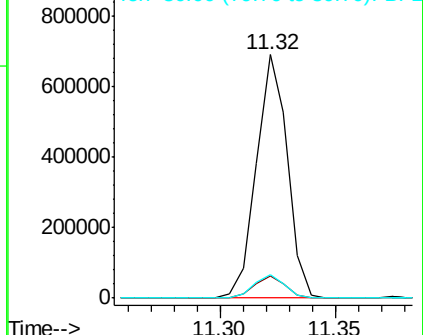
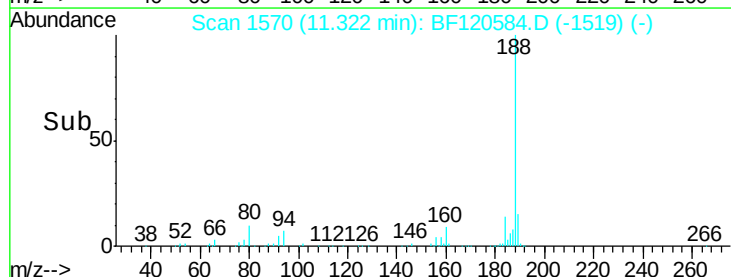
80 9.9 8.1 12.1

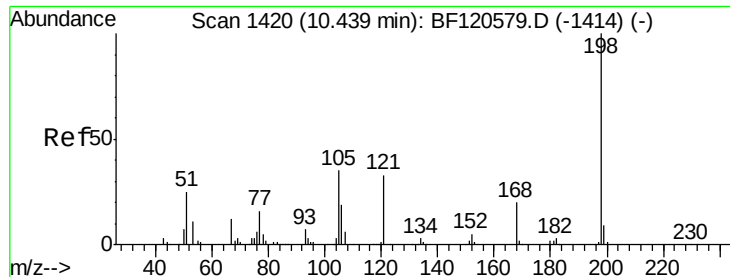


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 44.382 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

ClientSampleId :

ICVBF060920

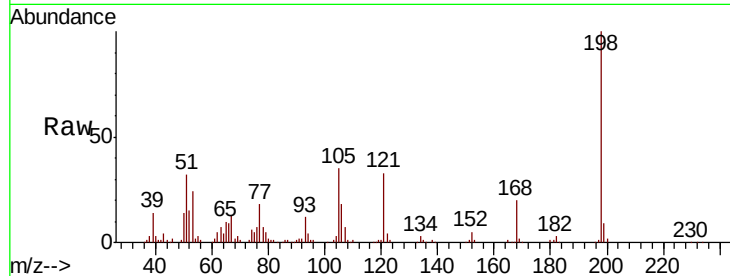
Tot Ion:198 Resp: 153928

Ion Ratio Lower Upper

198 100

51 32.3 12.3 52.3

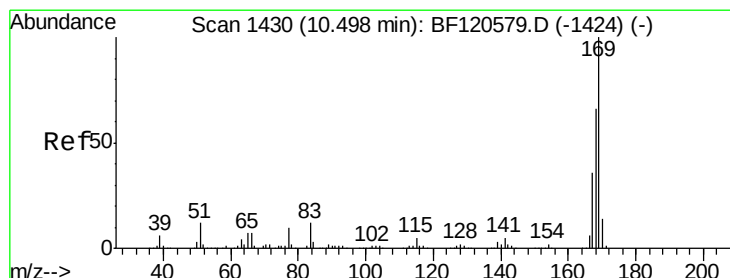
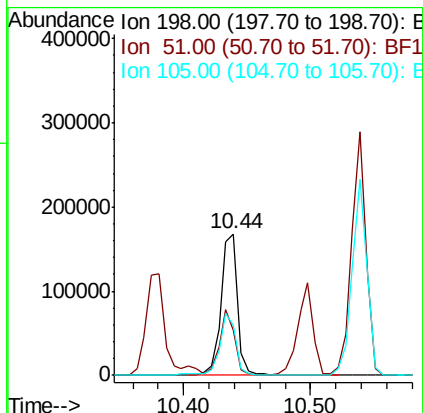
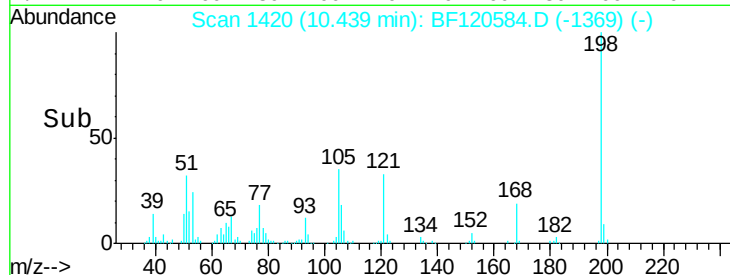
105 35.5 15.8 55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.676 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

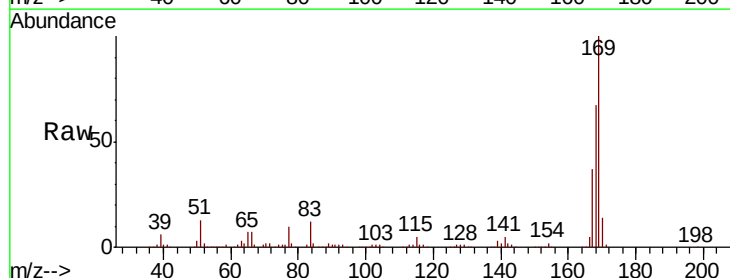
Tgt Ion:169 Resp: 756621

Ion Ratio Lower Upper

169 100

168 67.1 52.9 79.3

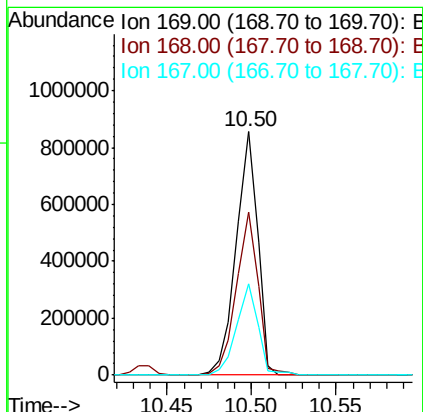
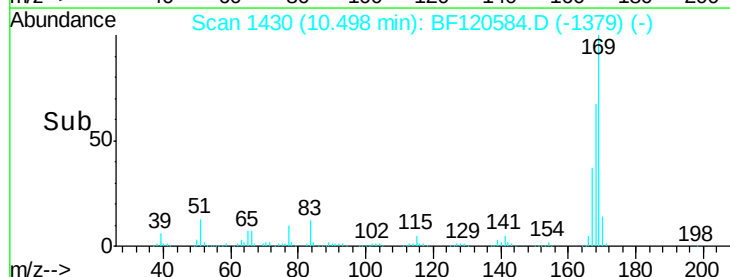
167 37.3 29.2 43.8

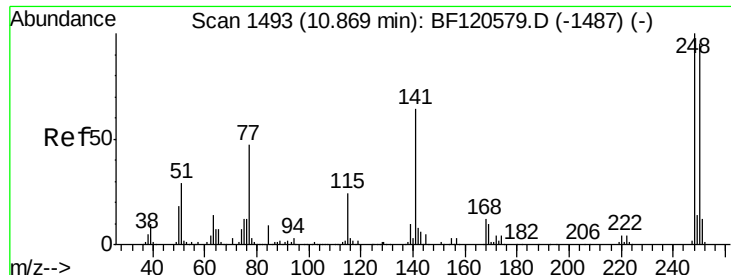


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

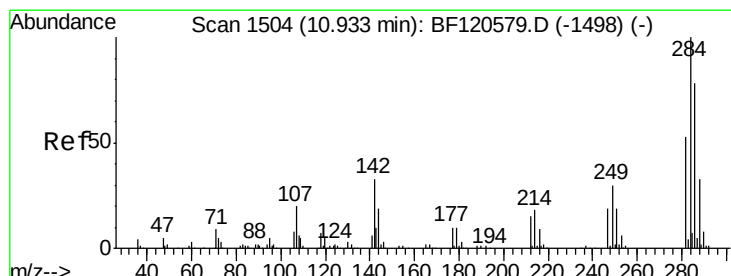
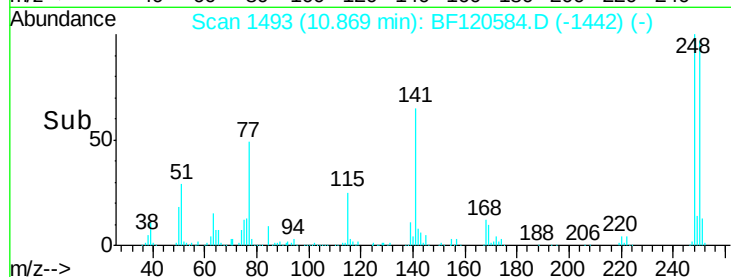
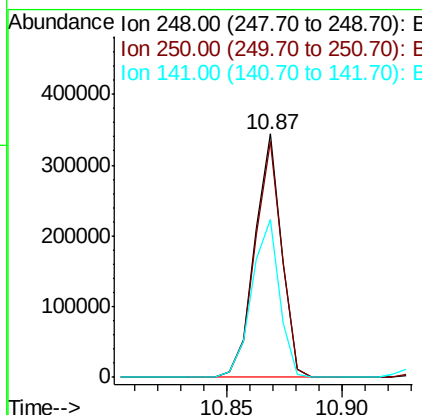
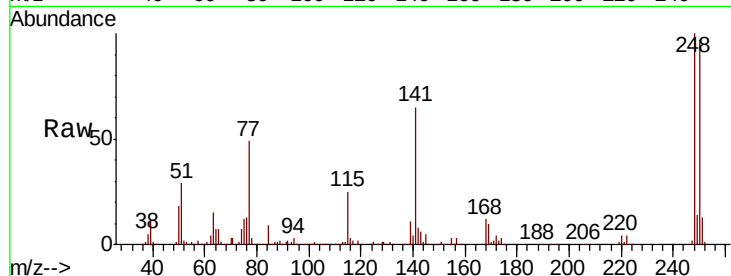




#67
4-Bromophenyl-phenylether
Concen: 43.296 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

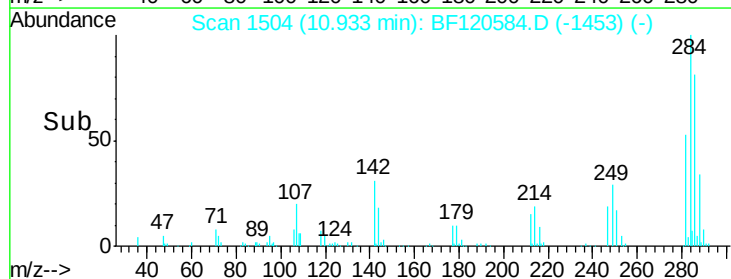
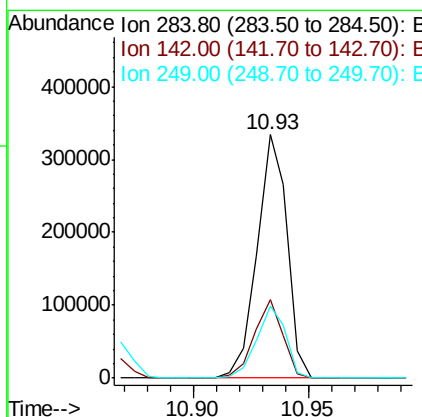
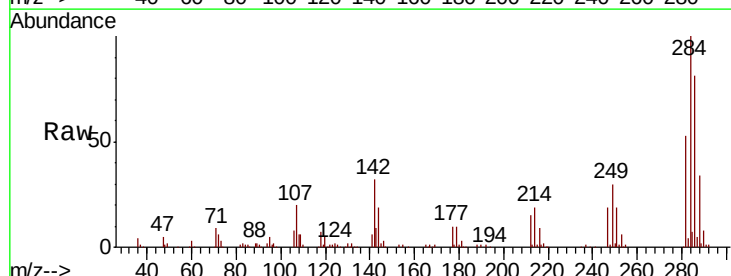
Instrument :
BNA_F
ClientSampleId :
ICVBF060920

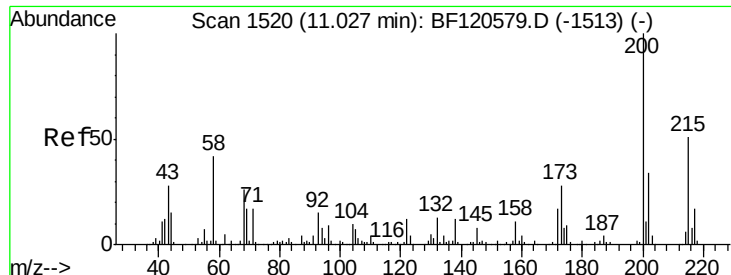
Tot Ion:248 Resp: 279677
Ion Ratio Lower Upper
248 100
250 96.7 75.8 113.8
141 65.0 51.3 76.9



#68
Hexachlorobenzene
Concen: 43.473 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion:284 Resp: 301765
Ion Ratio Lower Upper
284 100
142 32.4 26.5 39.7
249 29.8 24.1 36.1

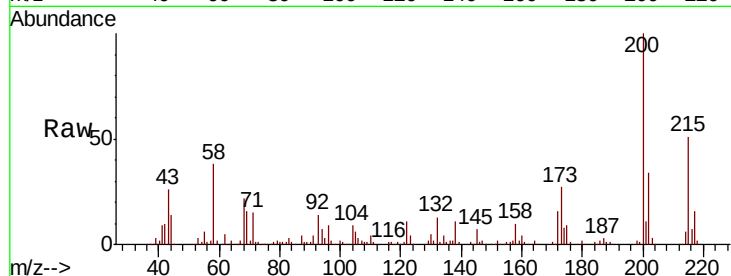




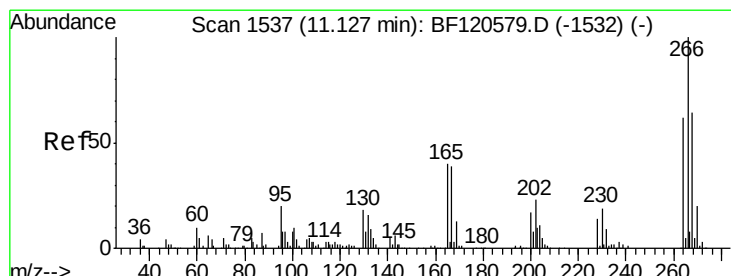
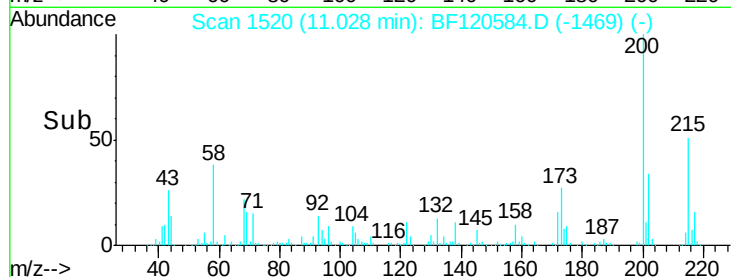
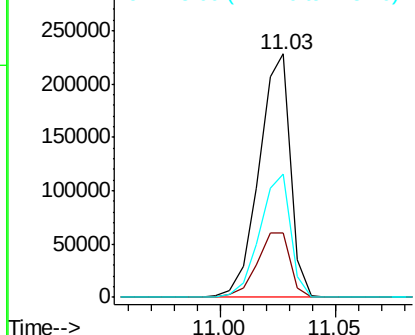
#69
 Atrazine
 Concen: 43.854 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060920

Tot Ion:200 Resp: 215230
 Ion Ratio Lower Upper
 200 100
 173 26.6 7.9 47.9
 215 50.7 31.2 71.2

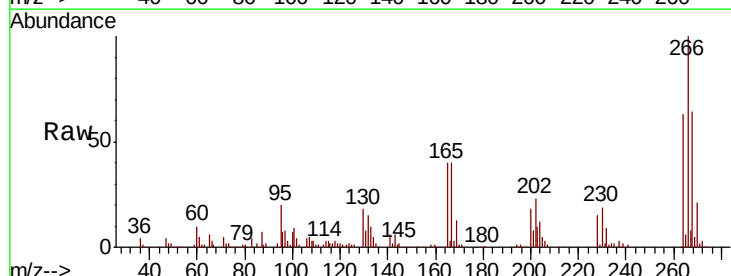


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

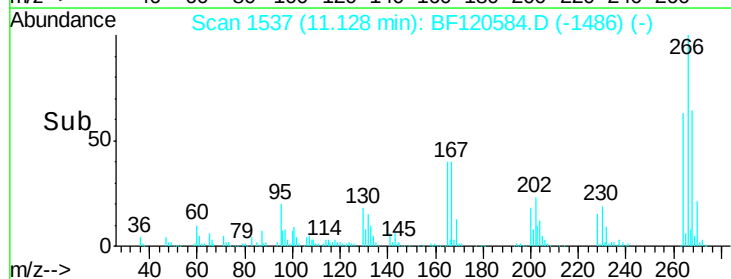
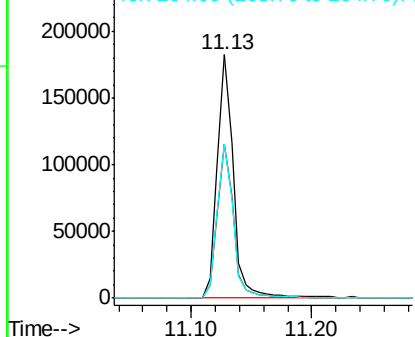


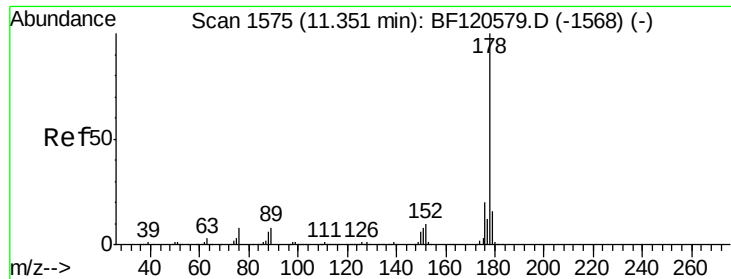
#70
 Pentachlorophenol
 Concen: 44.453 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Tgt Ion:266 Resp: 166539
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.3 76.9
 264 63.3 49.4 74.2



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: 43.029 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

ClientSampleId :

ICVBF060920

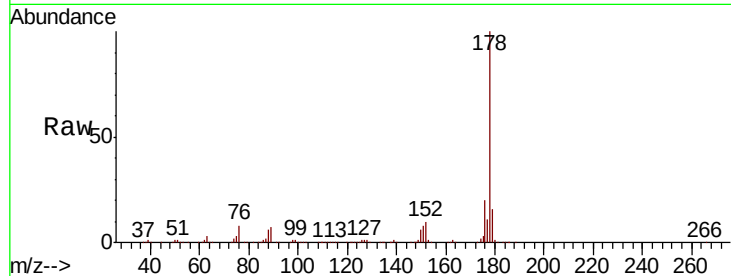
Tot Ion:178 Resp: 1229162

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.4

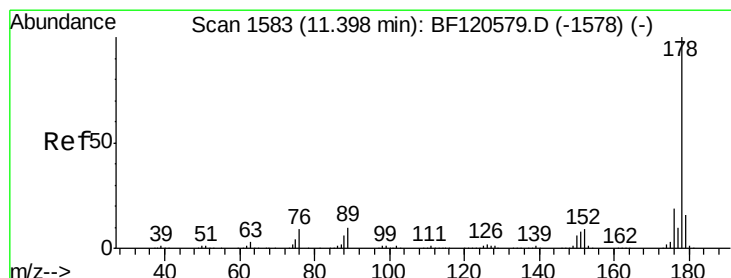
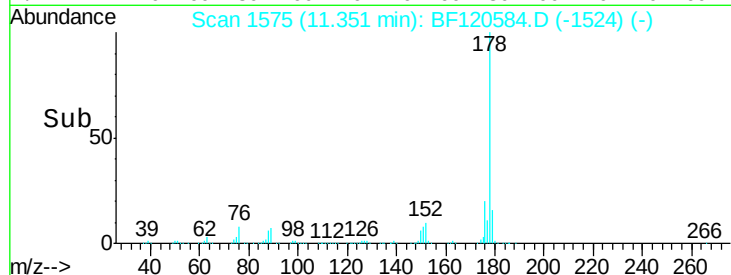
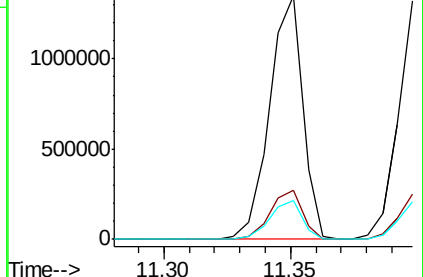
179 15.8 12.6 18.8



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: 43.130 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

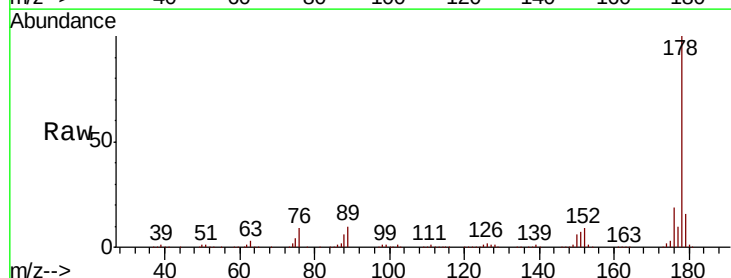
Tgt Ion:178 Resp: 1245307

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

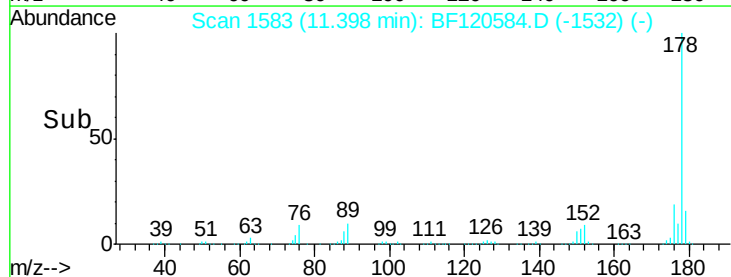
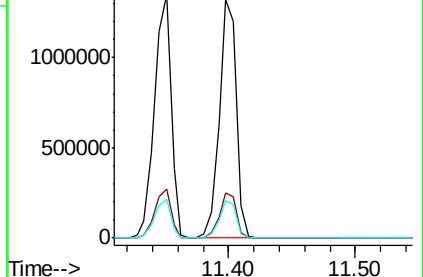
179 15.9 12.7 19.1

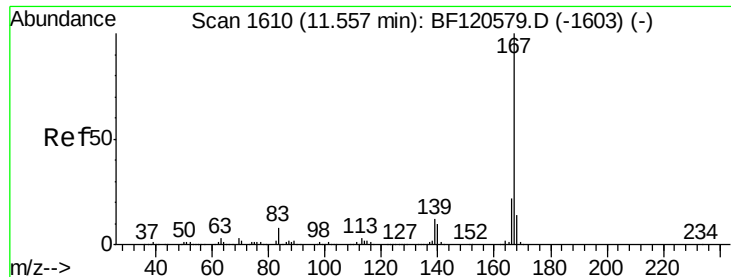


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



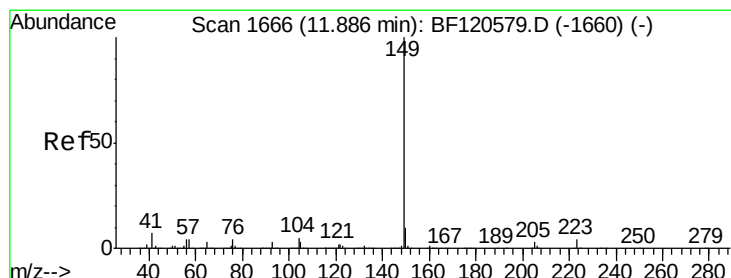
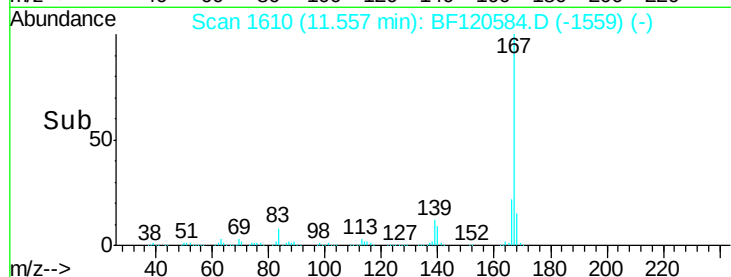
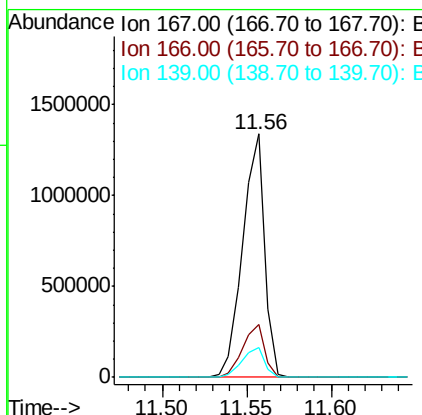
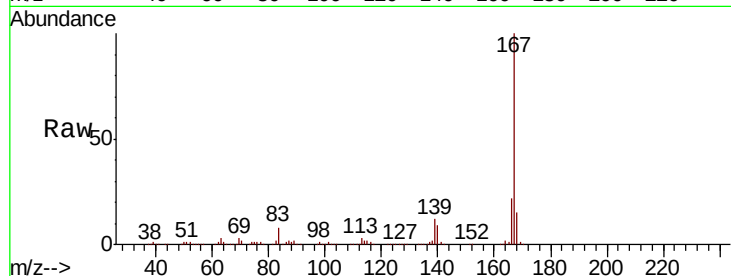


#73
 Carbazole
 Concen: 43.025 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060920

Tot Ion:167 Resp: 1212647

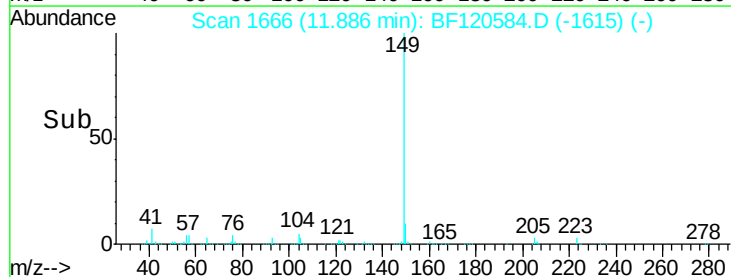
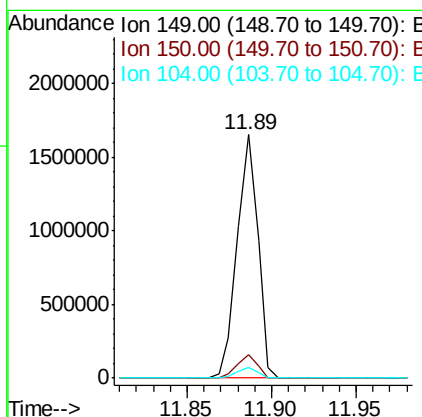
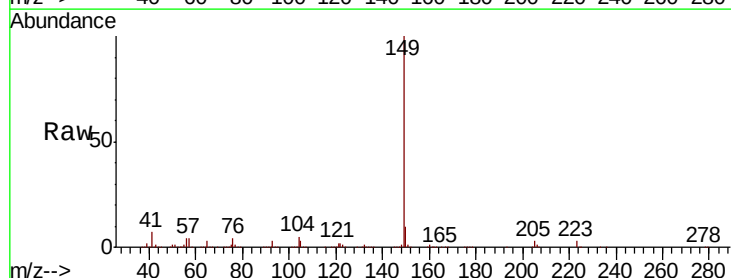
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	12.4	10.0	15.0

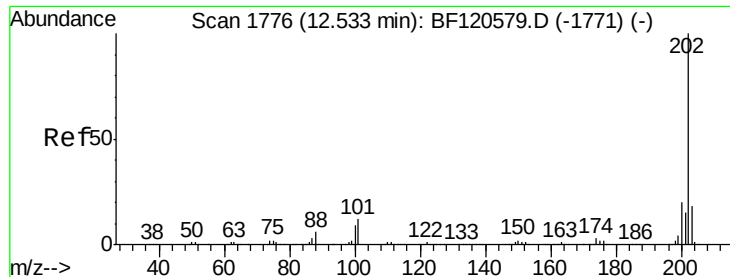


#74
 Di-n-butylphthalate
 Concen: 42.070 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Tgt Ion:149 Resp: 1409922

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	4.6	3.8	5.6





#75

Fluoranthene

Concen: 41.879 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

ClientSampleId :

ICVBF060920

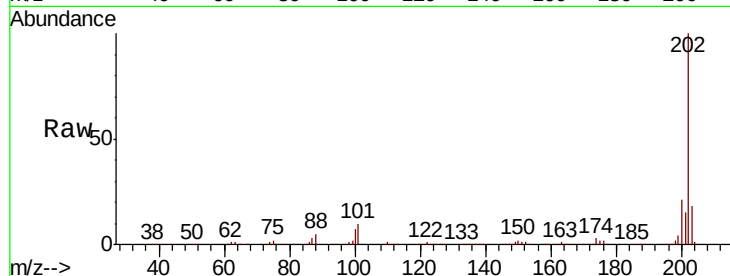
Tot Ion:202 Resp: 1379586

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.7

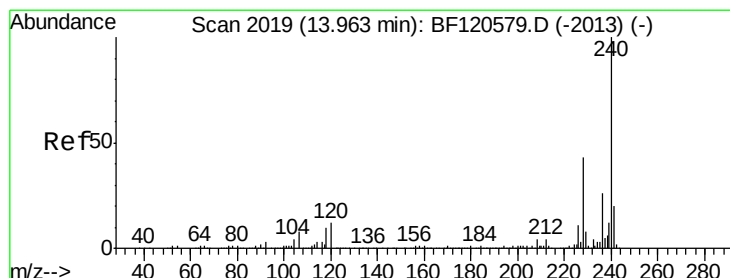
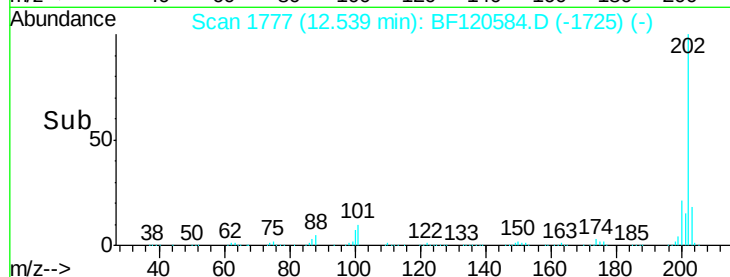
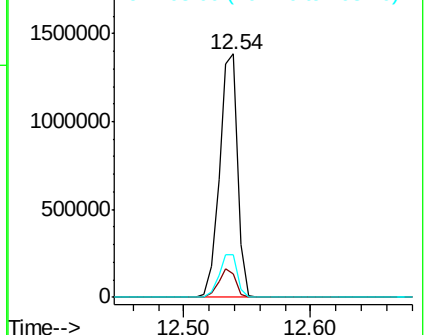
203 17.6 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

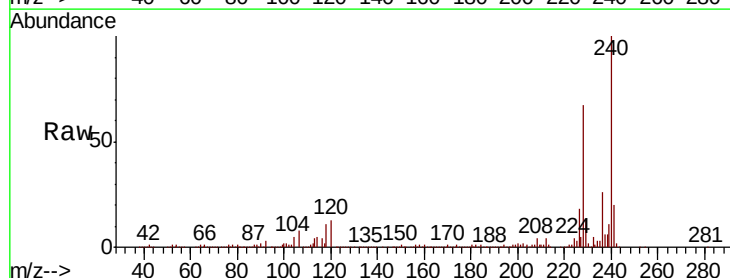
Tgt Ion:240 Resp: 527376

Ion Ratio Lower Upper

240 100

120 12.6 9.3 13.9

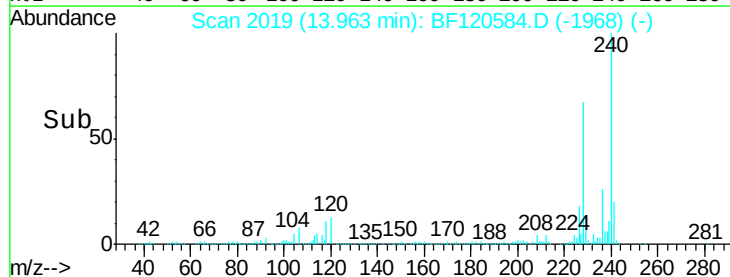
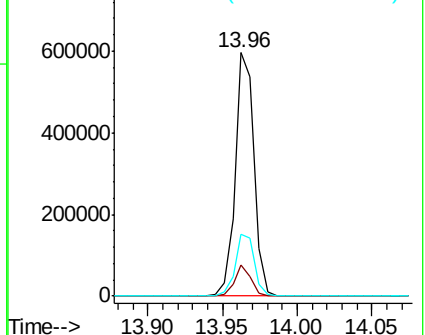
236 25.5 20.8 31.2

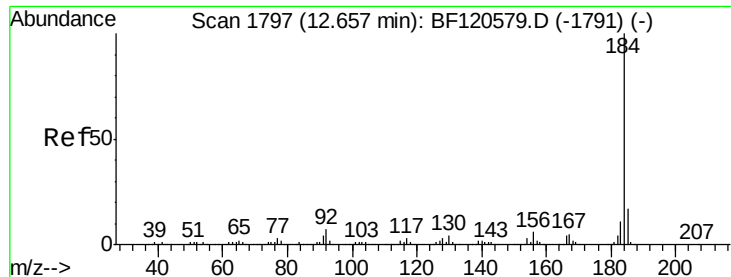


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.570 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

ClientSampleId :

ICVBF060920

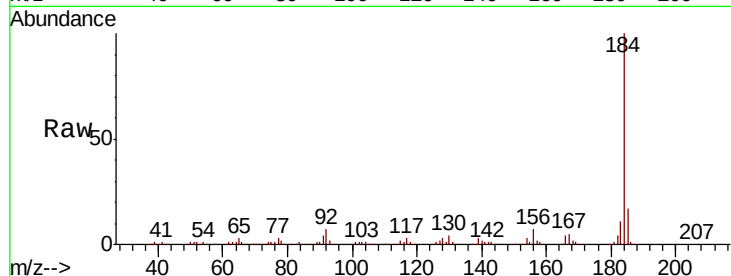
Tot Ion:184 Resp: 534209

Ion Ratio Lower Upper

184 100

185 16.8 13.2 19.8

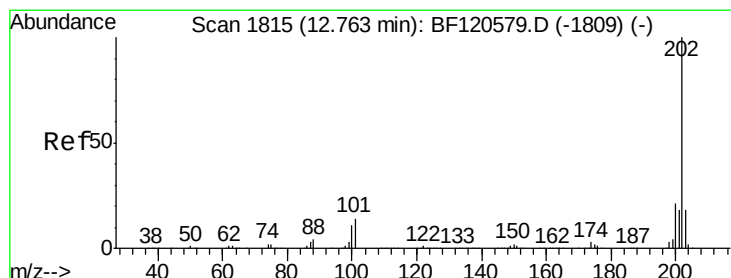
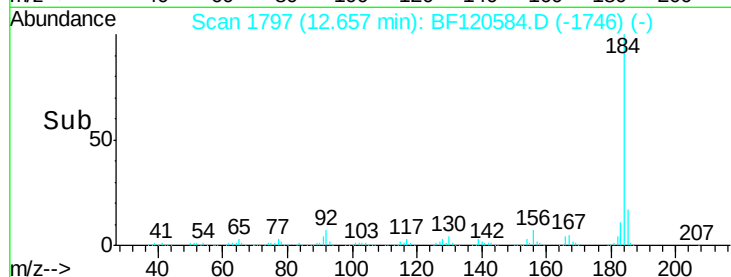
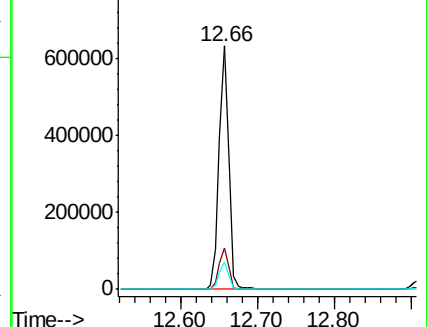
183 11.1 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.938 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

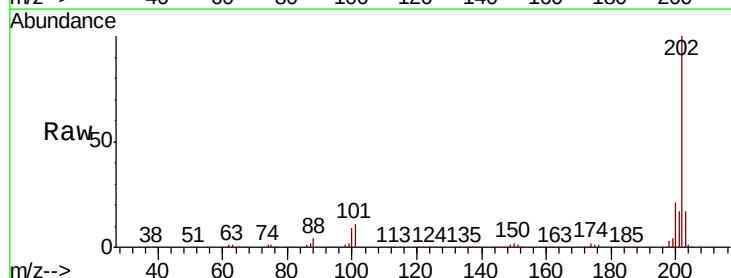
Tgt Ion:202 Resp: 1434568

Ion Ratio Lower Upper

202 100

200 20.5 16.5 24.7

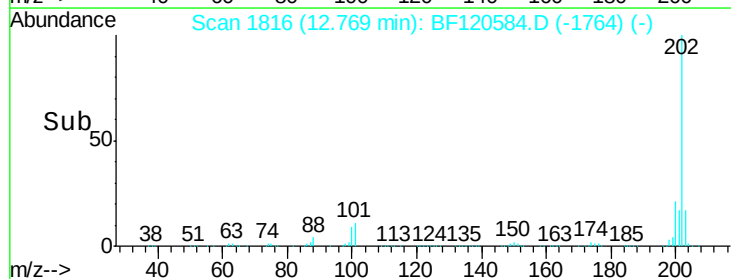
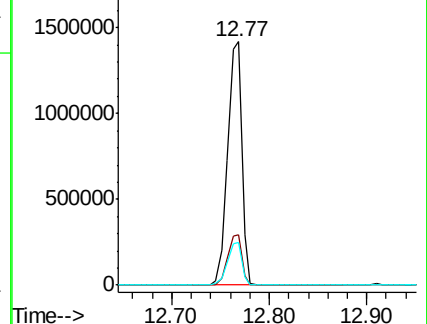
203 17.4 14.6 22.0

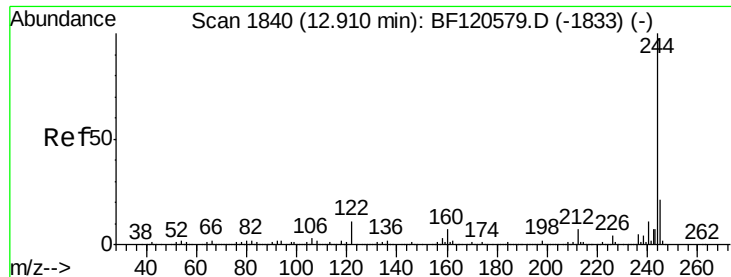


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.054 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

ClientSampleId :

ICVBF060920

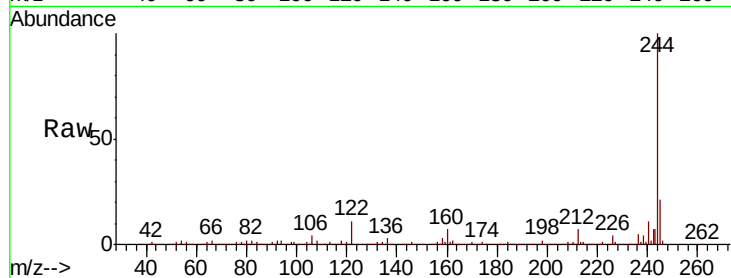
Tot Ion:244 Resp: 1847042

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

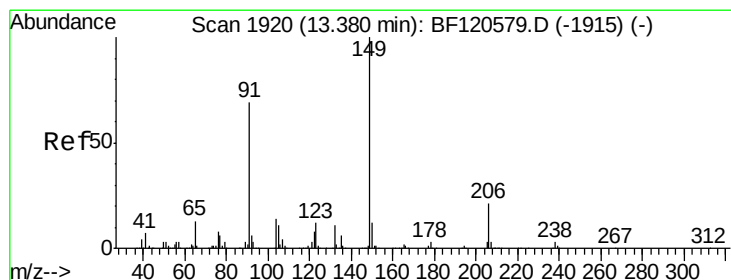
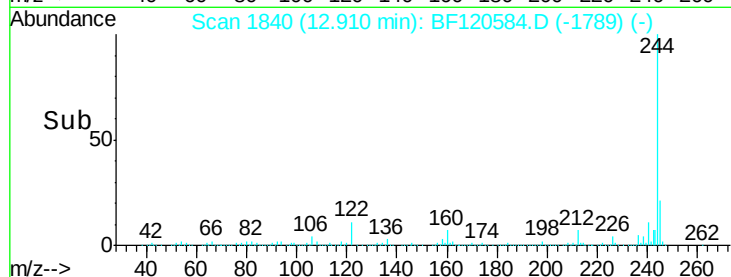
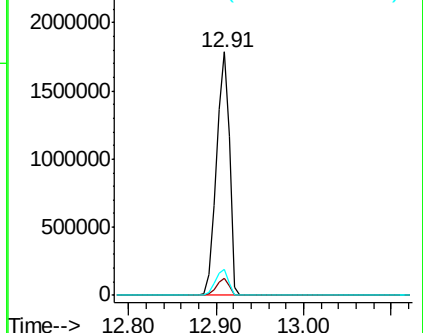
122 10.7 8.5 12.7



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: 43.150 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

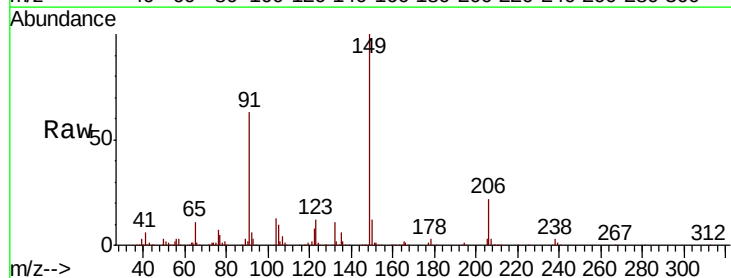
Tgt Ion:149 Resp: 630936

Ion Ratio Lower Upper

149 100

91 62.9 55.4 83.2

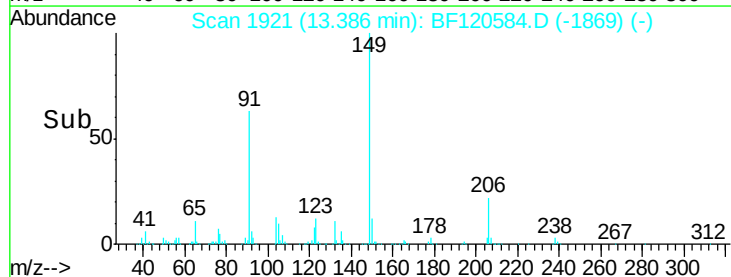
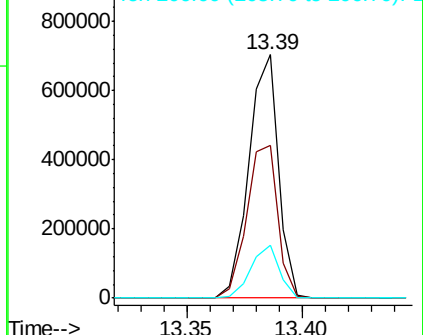
206 21.8 16.5 24.7

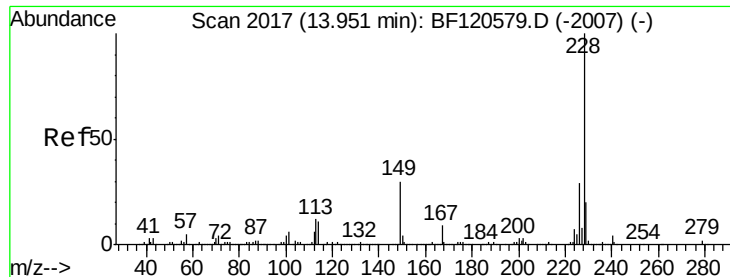


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.390 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

ClientSampleId :

ICVBF060920

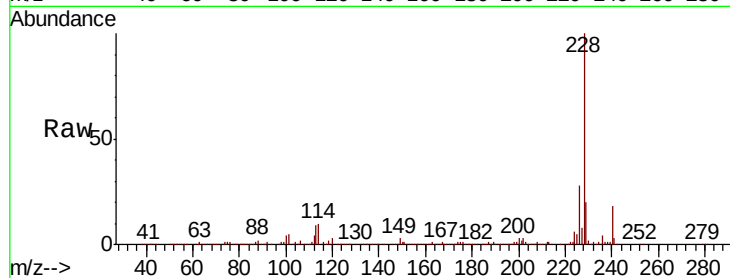
Tot Ion:228 Resp: 1214462

Ion Ratio Lower Upper

228 100

226 28.2 23.0 34.4

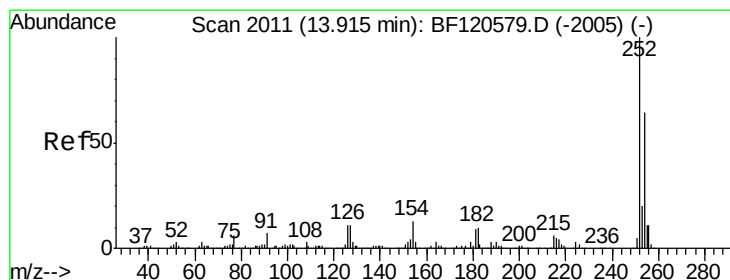
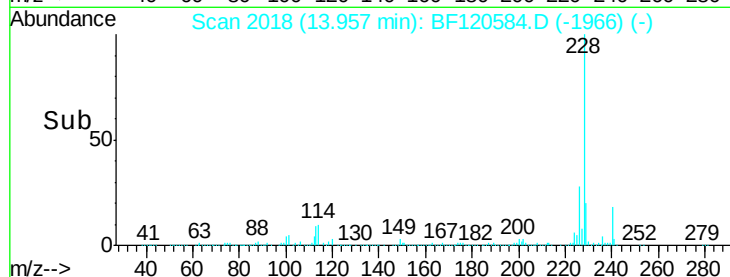
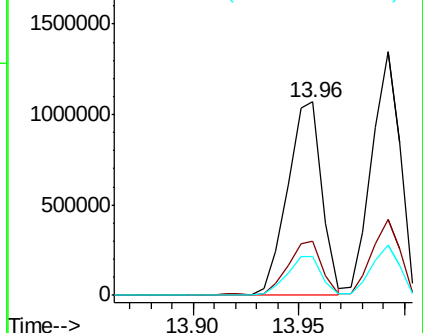
229 20.2 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.358 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

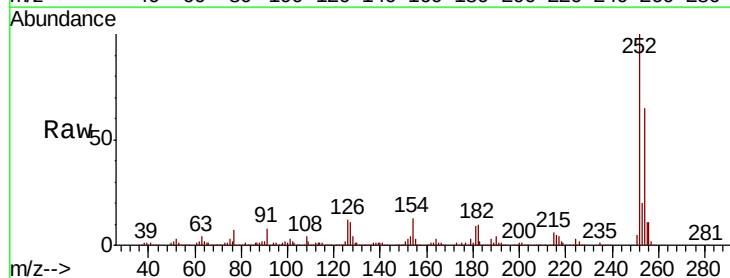
Tgt Ion:252 Resp: 454743

Ion Ratio Lower Upper

252 100

254 65.3 51.1 76.7

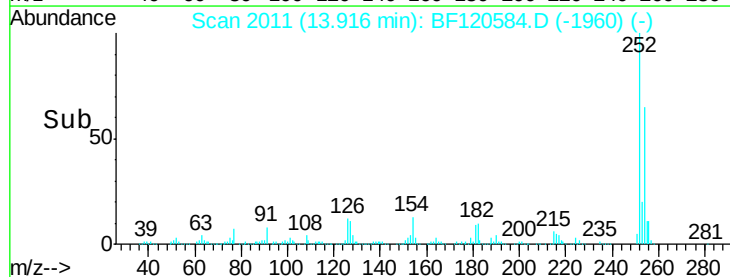
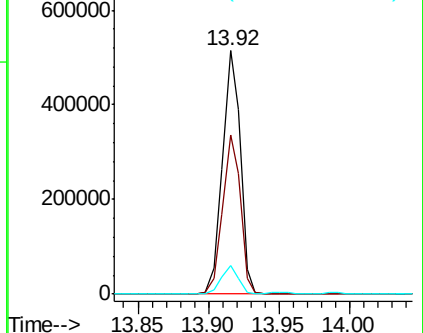
126 11.6 8.4 12.6

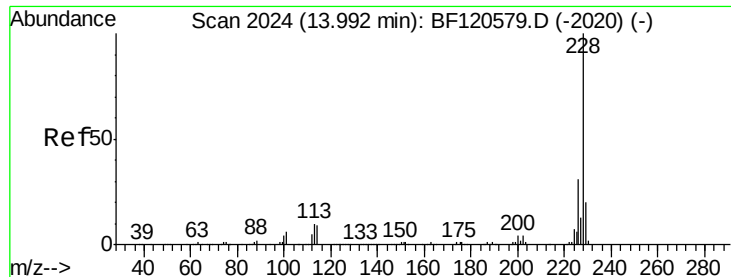


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

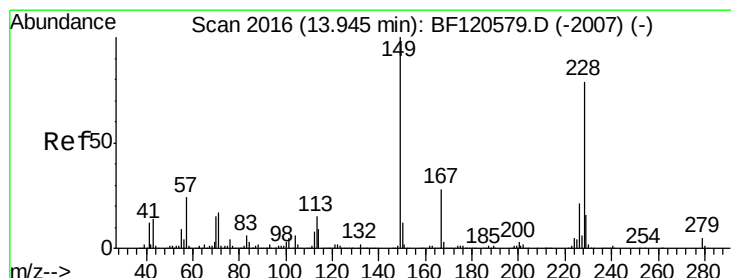
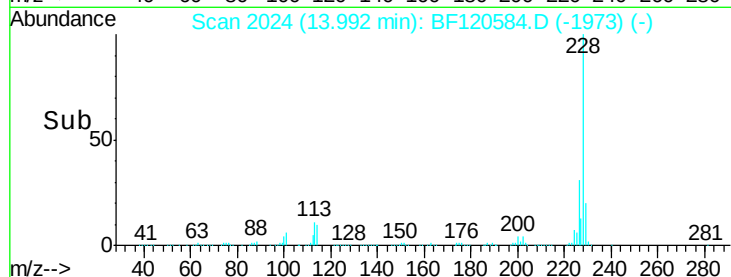
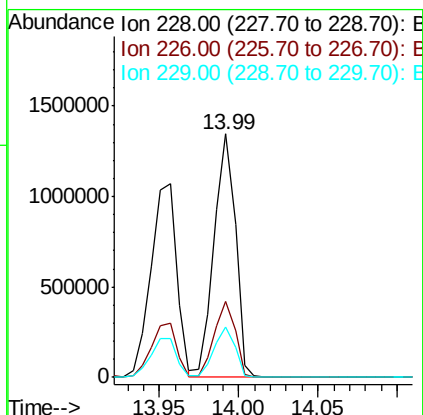
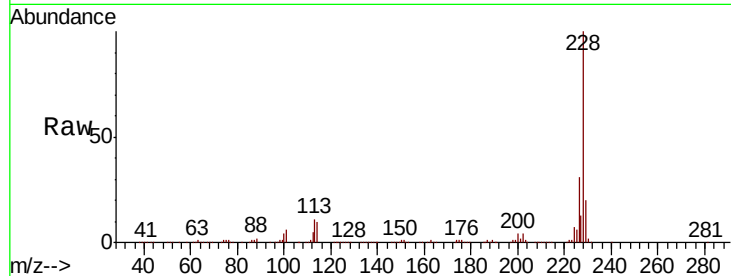




#83
 Chrysene
 Concen: 43.636 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

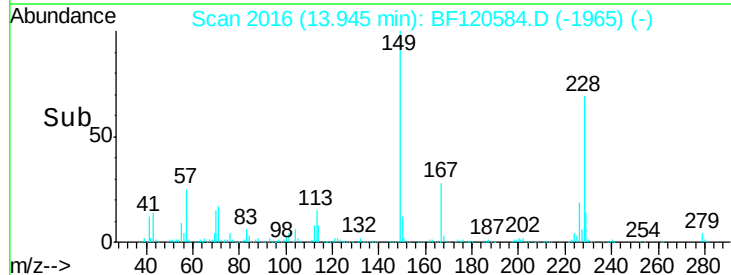
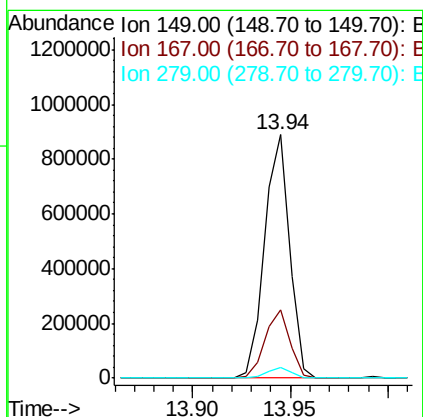
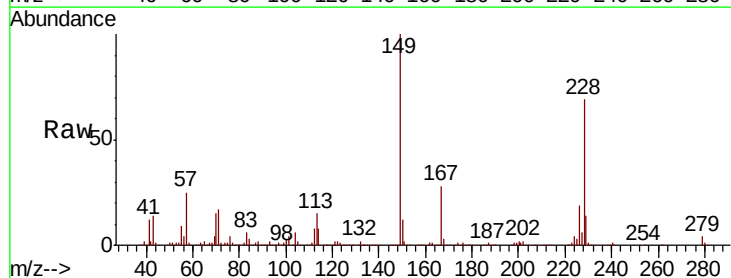
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060920

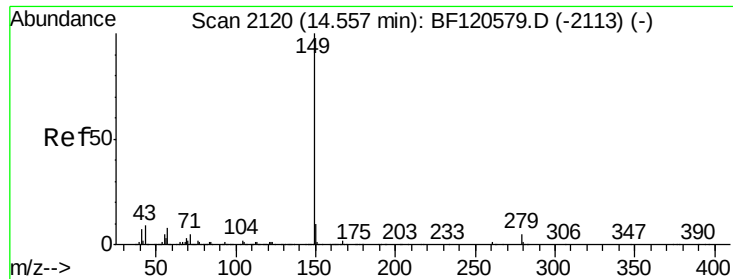
Tot Ion:228 Resp: 1269056
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 20.5 16.2 24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.648 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Tgt Ion:149 Resp: 790415
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.6 33.8
 279 4.5 3.6 5.4

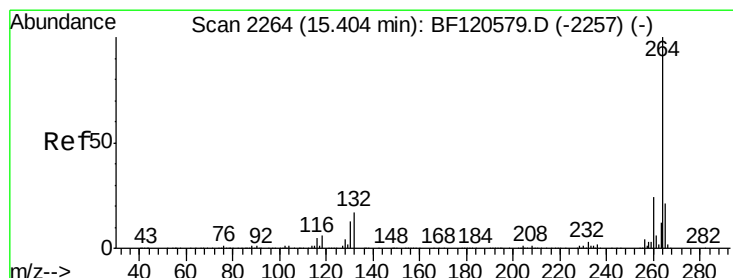
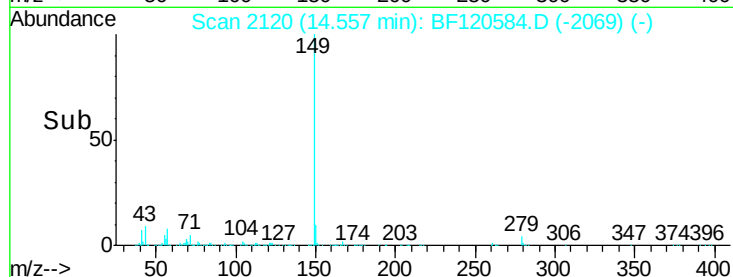
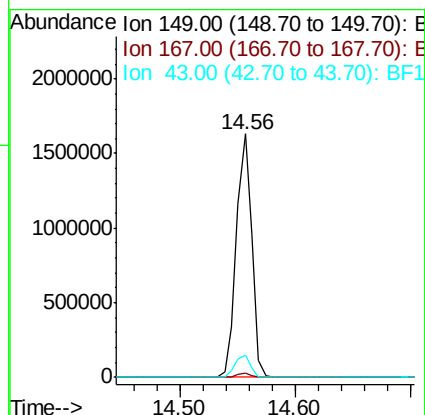
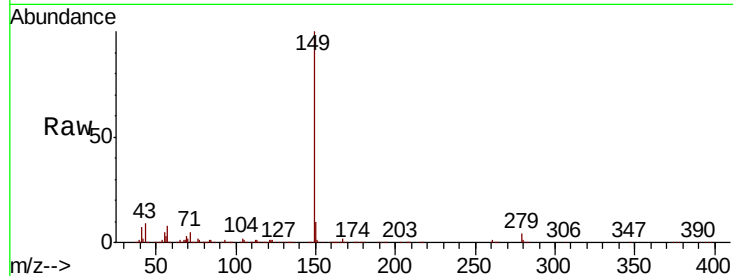




#85
Di-n-octyl phthalate
Concen: 44.858 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

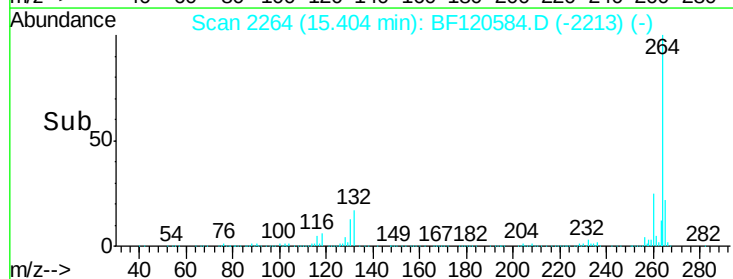
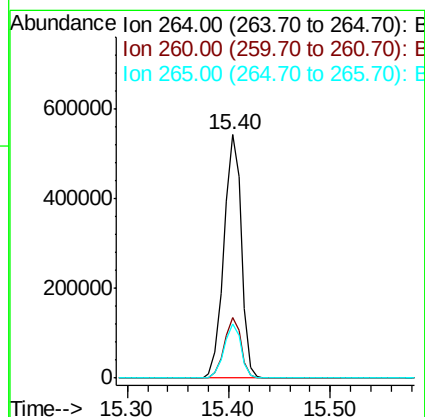
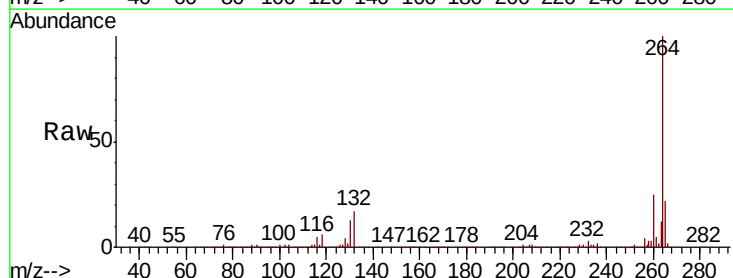
Instrument :
BNA_F
ClientSampleId :
ICVBF060920

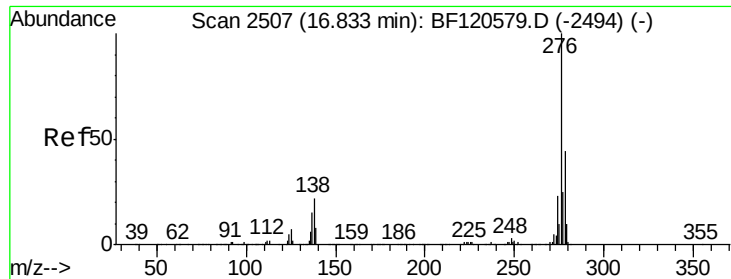
Tot Ion:149 Resp: 1505592
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.3 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion:264 Resp: 648387
Ion Ratio Lower Upper
264 100
260 24.7 19.3 28.9
265 22.3 17.1 25.7

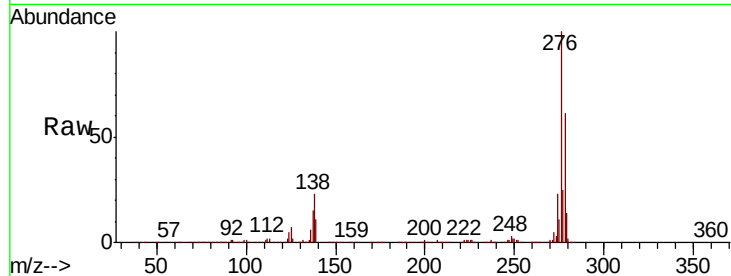




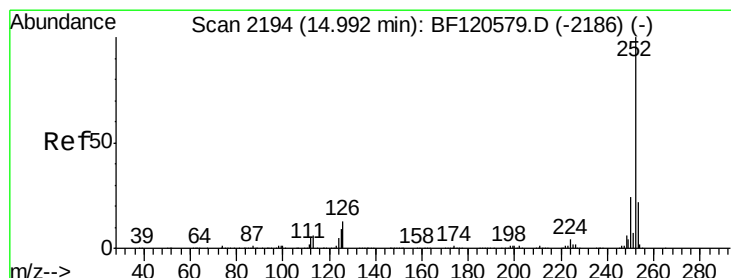
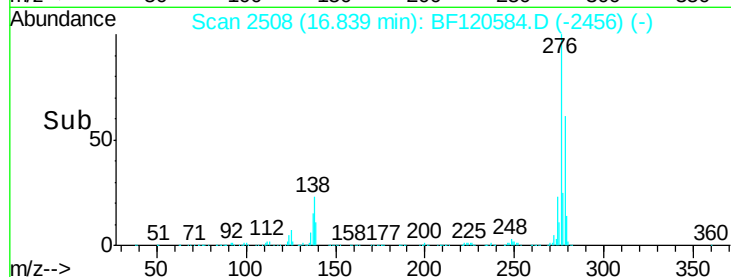
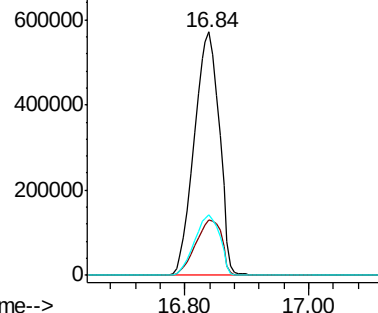
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.031 ng
 RT: 16.84 min Scan# 2508
 Delta R.T. 0.01 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060920

Tot Ion:276 Resp: 1606784
 Ion Ratio Lower Upper
 276 100
 138 23.9 19.4 29.0
 277 25.3 20.3 30.5

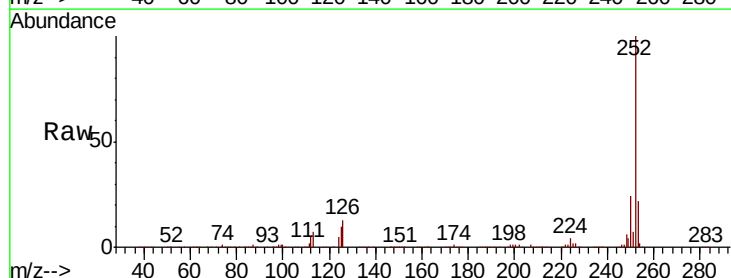


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

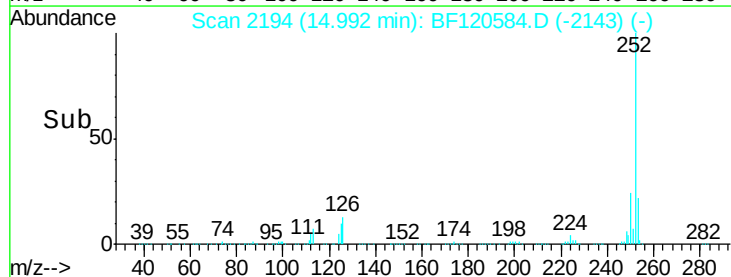
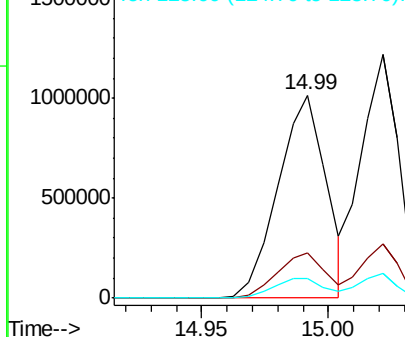


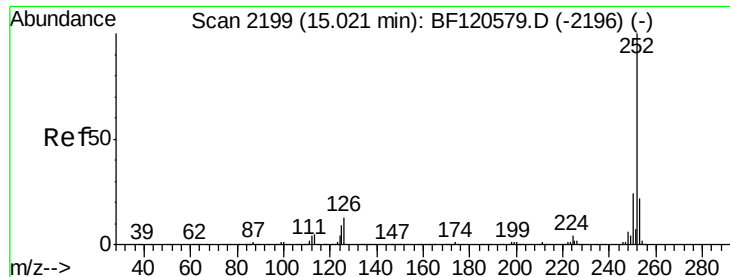
#88
 Benzo(b)fluoranthene
 Concen: 39.657 ng
 RT: 14.99 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Tgt Ion:252 Resp: 1342435
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.6 26.4
 125 9.7 7.6 11.4



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

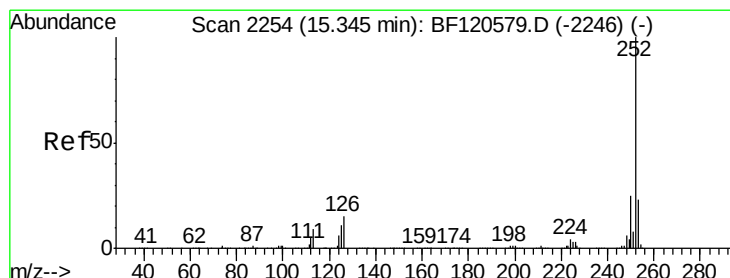
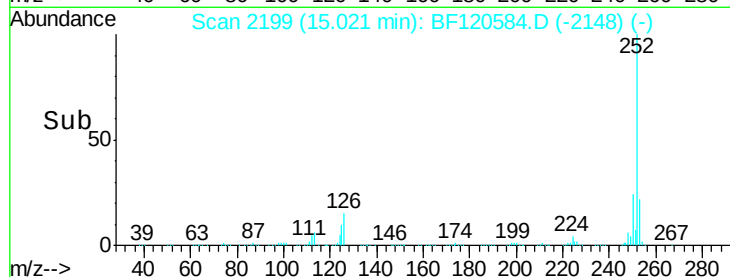
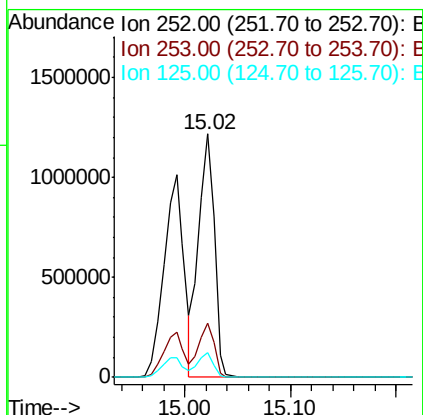
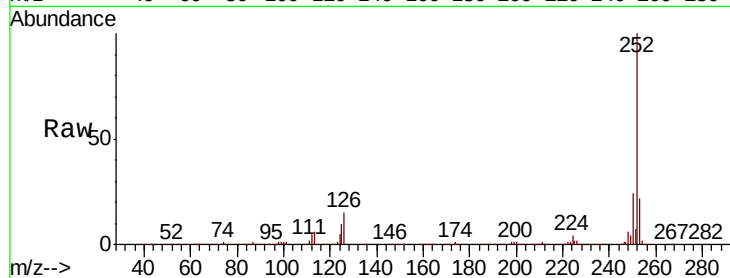




#89
Benzo(k)fluoranthene
Concen: 40.646 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

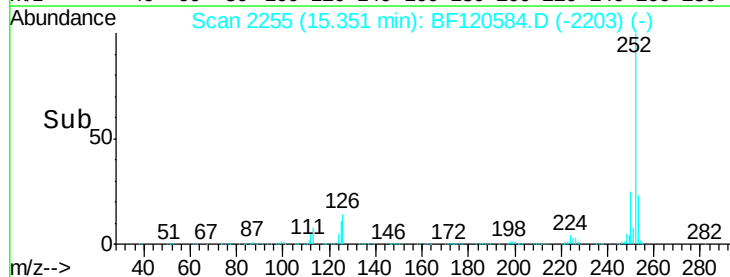
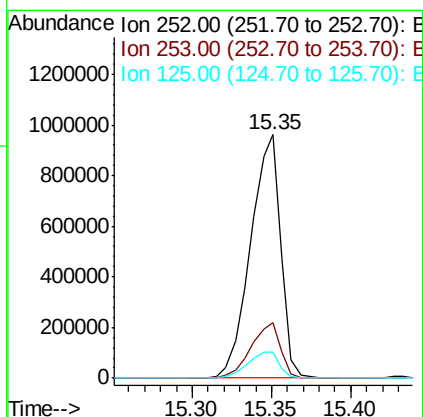
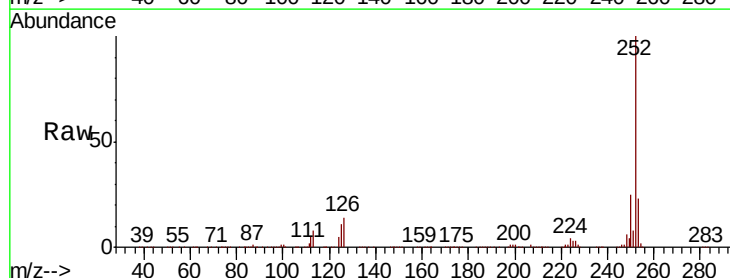
Instrument :
BNA_F
ClientSampleId :
ICVBF060920

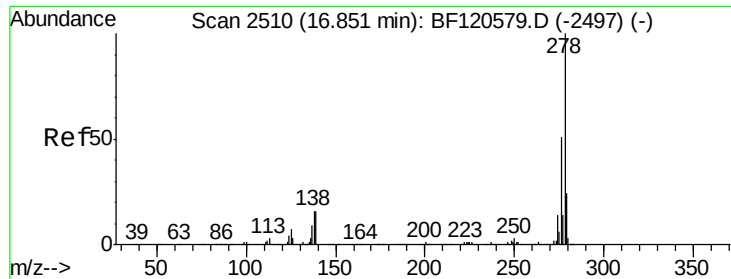
Tot Ion:252 Resp: 1247340
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 9.9 7.6 11.4



#90
Benzo(a)pyrene
Concen: 41.234 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion:252 Resp: 1270773
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 10.8 9.0 13.6

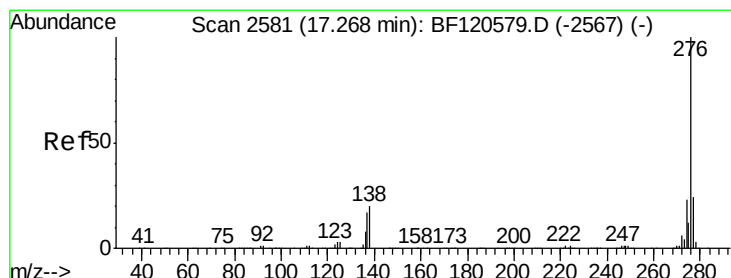
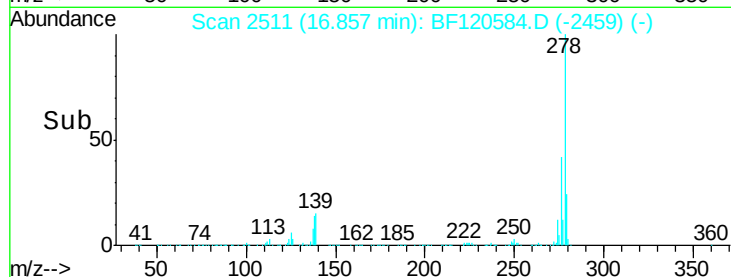
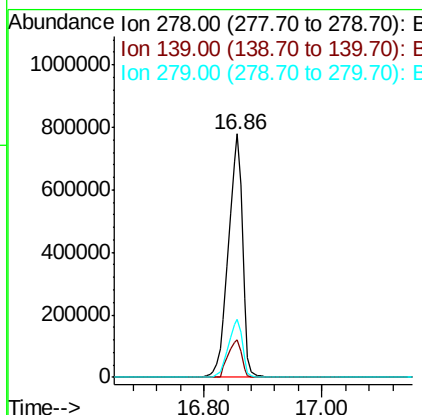
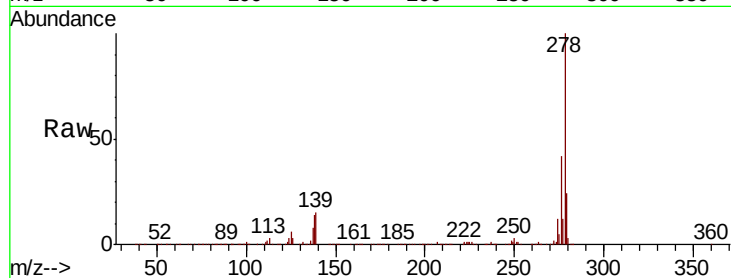




#91
Dibenzo(a,h)anthracene
Concen: 44.214 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.01 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

Tot Ion:278 Resp: 1303030
Ion Ratio Lower Upper
278 100
139 15.4 13.0 19.6
279 23.8 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 43.784 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion:276 Resp: 1262898
Ion Ratio Lower Upper
276 100
277 24.4 19.4 29.2
138 21.9 16.3 24.5

