

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120977.D
 Acq On : 23 Jul 2020 11:54
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 14:20:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	178919	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	662675	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	343952	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	650840	20.00	ng	0.00
76) Chrysene-d12	13.97	240	513869	20.00	ng	0.00
86) Perylene-d12	15.42	264	543363	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	809269	74.15	ng	0.00
7) Phenol-d6	6.45	99	1045830	74.18	ng	0.00
23) Nitrobenzene-d5	7.38	82	900079	78.59	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	301665	80.13	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1559812	67.71	ng	0.00
79) Terphenyl-d14	12.92	244	1720124	72.77	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	187988	37.426	ng	100
3) Pyridine	3.28	79	515621	38.589	ng	99
4) n-Nitrosodimethylamine	3.23	42	209775	36.714	ng	94
6) Aniline	6.48	93	679462	36.922	ng	98
8) 2-Chlorophenol	6.60	128	457954	38.089	ng	99
9) Benzaldehyde	6.36	77	283006	41.978	ng	100
10) Phenol	6.46	94	577427	37.234	ng	95
11) bis(2-Chloroethyl)ether	6.55	93	452446	38.068	ng	99
12) 1,3-Dichlorobenzene	6.76	146	493718	37.870	ng	98
13) 1,4-Dichlorobenzene	6.83	146	492099	37.959	ng	99
14) 1,2-Dichlorobenzene	6.99	146	452908	36.929	ng	98
15) Benzyl Alcohol	6.96	79	363731	36.483	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	652003	38.060	ng	99
17) 2-Methylphenol	7.07	107	403393	37.854	ng	99
18) Hexachloroethane	7.33	117	183688	39.148	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	290606	36.250	ng	99
20) 3+4-Methylphenols	7.22	107	452086	33.349	ng	98
22) Acetophenone	7.23	105	549629	36.956	ng	95
24) Nitrobenzene	7.40	77	485816	39.358	ng	98
25) Isophorone	7.64	82	873097	38.199	ng	99
26) 2-Nitrophenol	7.72	139	247363	42.195	ng	98
27) 2,4-Dimethylphenol	7.75	122	361020	37.930	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	544020	38.992	ng	100
29) 2,4-Dichlorophenol	7.96	162	383368	39.416	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	422639	39.167	ng	99
31) Naphthalene	8.12	128	1279815	37.650	ng	99
32) Benzoic acid	7.88	122	244316	34.194	ng	97
33) 4-Chloroaniline	8.17	127	572557	37.759	ng	100
34) Hexachlorobutadiene	8.24	225	250923	39.446	ng	99
35) Caprolactam	8.55	113	122302	39.212	ng	96
36) 4-Chloro-3-methylphenol	8.65	107	392049	39.303	ng	98
37) 2-Methylnaphthalene	8.81	142	853113	38.653	ng	98
38) 1-Methylnaphthalene	8.91	142	810407	38.769	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	394211	39.337	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120977.D
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 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Time: Jul 23 14:20:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	214940	38.808	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	275294	39.016	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	316013	39.483	ng	97
46) 1,1'-Biphenyl	9.27	154	1016771	38.754	ng	100
47) 2-Chloronaphthalene	9.30	162	822307	38.442	ng	99
48) 2-Nitroaniline	9.40	65	259736	40.179	ng	92
49) Acenaphthylene	9.72	152	1279111	38.491	ng	100
50) Dimethylphthalate	9.58	163	959306	38.660	ng	99
51) 2,6-Dinitrotoluene	9.64	165	217430	40.786	ng	91
52) Acenaphthene	9.89	154	819536	38.790	ng	100
53) 3-Nitroaniline	9.81	138	262966	39.330	ng	95
54) 2,4-Dinitrophenol	9.91	184	102749	37.458	ng	92
55) Dibenzofuran	10.06	168	1149247	37.616	ng	99
56) 4-Nitrophenol	9.96	139	195898	38.571	ng	96
57) 2,4-Dinitrotoluene	10.04	165	289662	41.376	ng	96
58) Fluorene	10.40	166	813175	35.686	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	244771	40.167	ng	97
60) Diethylphthalate	10.27	149	967216	38.536	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	421441	34.676	ng	98
62) 4-Nitroaniline	10.42	138	257620	39.555	ng	99
63) Azobenzene	10.55	77	899319	37.637	ng	96
65) 4,6-Dinitro-2-methylphenol	10.45	198	143438	38.874	ng	93
66) n-Nitrosodiphenylamine	10.51	169	795383	38.848	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	293159	40.400	ng	98
68) Hexachlorobenzene	10.95	284	314010	40.004	ng	97
69) Atrazine	11.04	200	173620	34.241	ng	99
70) Pentachlorophenol	11.14	266	184191	40.960	ng	99
71) Phenanthrene	11.36	178	1254905	37.490	ng	99
72) Anthracene	11.42	178	1294734	38.520	ng	100
73) Carbazole	11.57	167	1266124	37.958	ng	99
74) Di-n-butylphthalate	11.90	149	1483907	38.550	ng	99
75) Fluoranthene	12.55	202	1405494	37.882	ng	99
77) Benzidine	12.67	184	516770	38.249	ng	99
78) Pyrene	12.77	202	1459508	40.173	ng	100
80) Butylbenzylphthalate	13.40	149	652262	40.274	ng	95
81) Benzo(a)anthracene	13.96	228	1192598	38.326	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	473047	40.295	ng	98
83) Chrysene	14.00	228	1264665	38.674	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	789536	39.534	ng	99
85) Di-n-octyl phthalate	14.57	149	1531036	38.533	ng	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1375236	36.393	ng	99
88) Benzo(b)fluoranthene	15.00	252	1319104	40.162	ng	100
89) Benzo(k)fluoranthene	15.03	252	1221232	40.770	ng	99
90) Benzo(a)pyrene	15.36	252	1213817	40.507	ng	100
91) Dibenzo(a,h)anthracene	16.87	278	1139243	36.907	ng	99
92) Benzo(g,h,i)perylene	17.28	276	1059905	34.825	ng	99

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

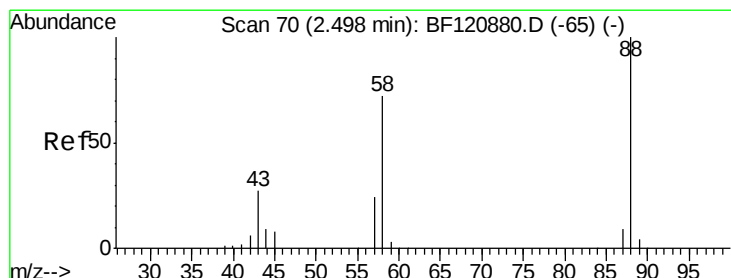
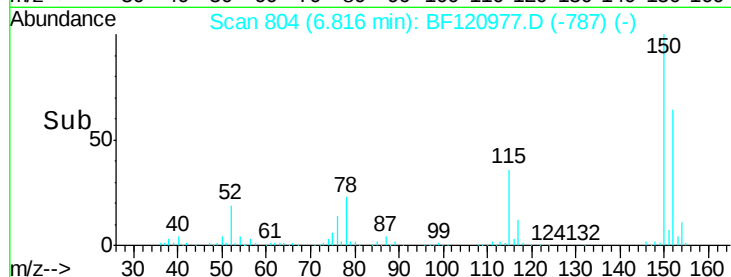
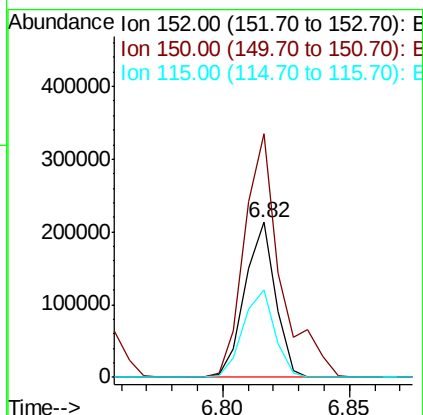
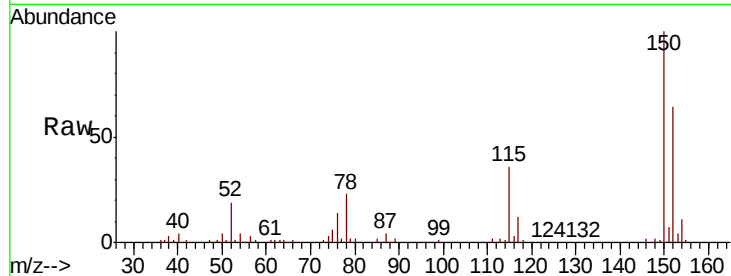


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Instrument :
BNA_F
ClientSampled :

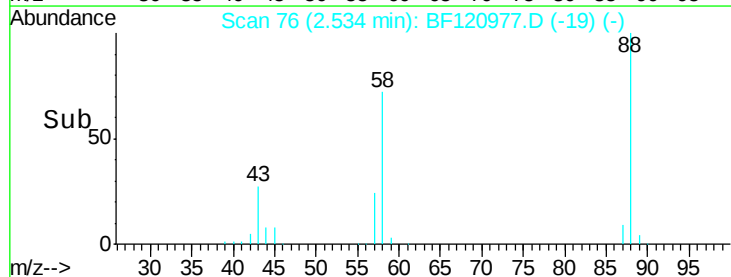
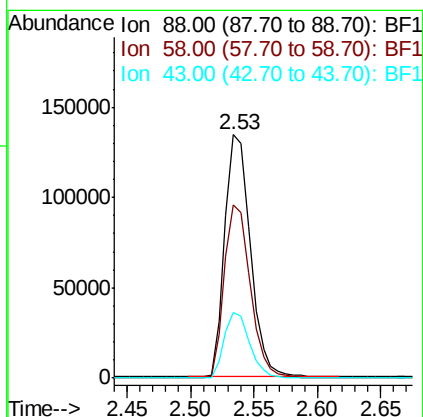
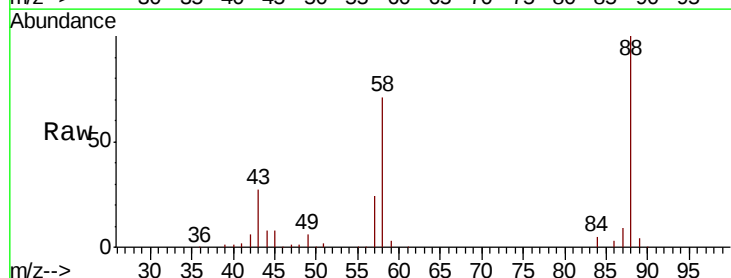
Tot Ion:152 Resp: 178919
Ion Ratio Lower Upper
152 100
150 157.1 125.0 187.6
115 56.4 47.0 70.4

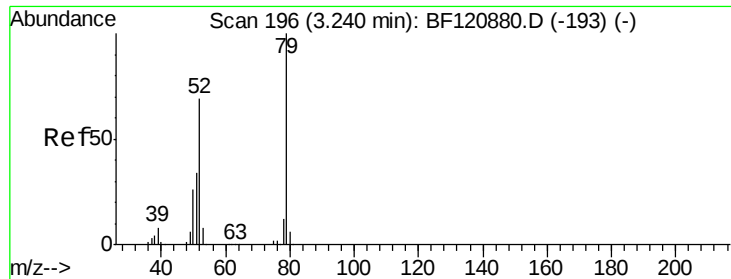


#2

1,4-Dioxane
Concen: 37.426 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.04 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Tgt Ion: 88 Resp: 187988
Ion Ratio Lower Upper
88 100
58 72.8 58.2 87.2
43 27.3 22.1 33.1





#3

Pvridine

Concen: 38.589 ng

RT: 3.28 min Scan# 202

Delta R.T. 0.04 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

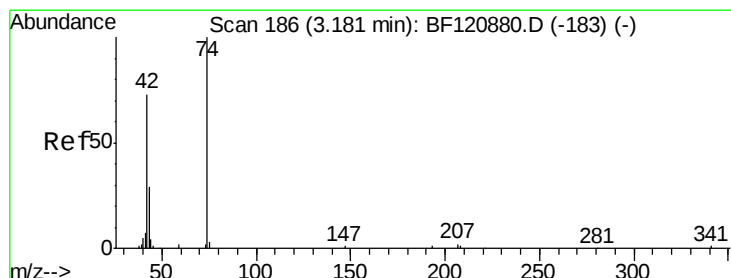
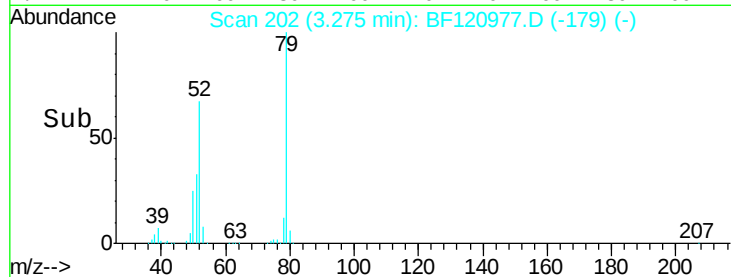
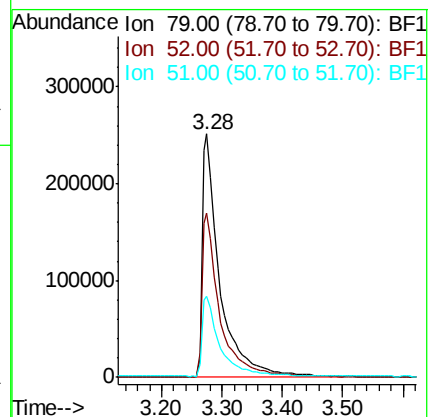
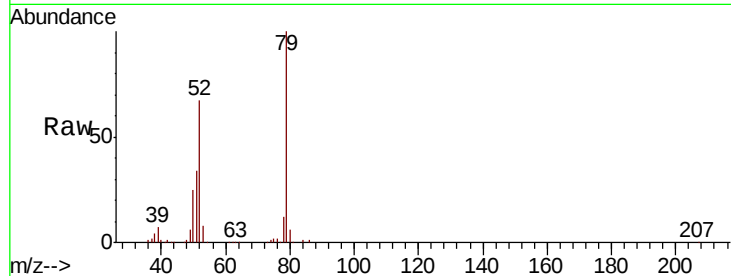
Tot Ion: 79 Resp: 515621

Ion Ratio Lower Upper

79 100

52 67.2 55.0 82.6

51 33.5 26.9 40.3



#4

n-Nitrosodimethylamine

Concen: 36.714 ng

RT: 3.23 min Scan# 194

Delta R.T. 0.05 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

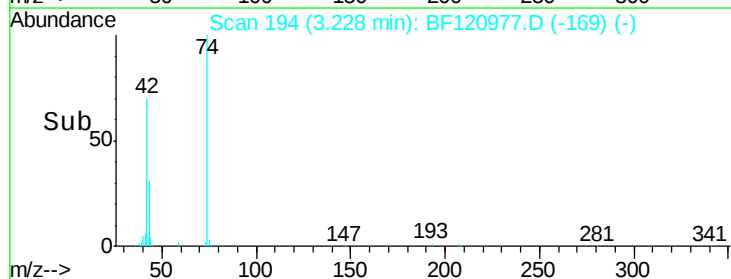
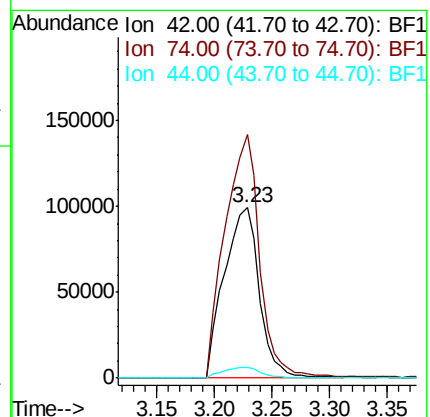
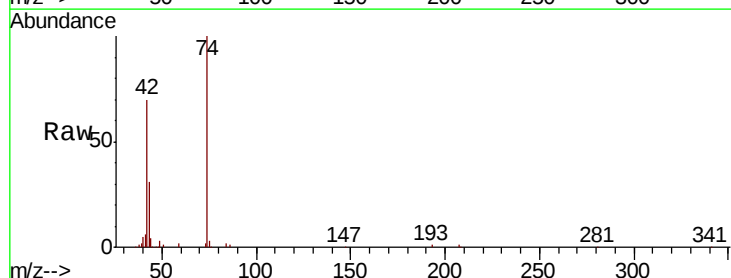
Tgt Ion: 42 Resp: 209775

Ion Ratio Lower Upper

42 100

74 142.9 108.7 163.1

44 6.3 5.2 7.8





#5

2-Fluorophenol

Concen: 74.150 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

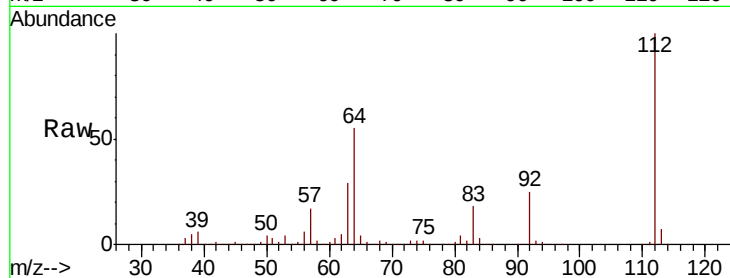
Tot Ion: 112 Resp: 809269

Ion Ratio Lower Upper

112 100

64 54.7 41.3 61.9

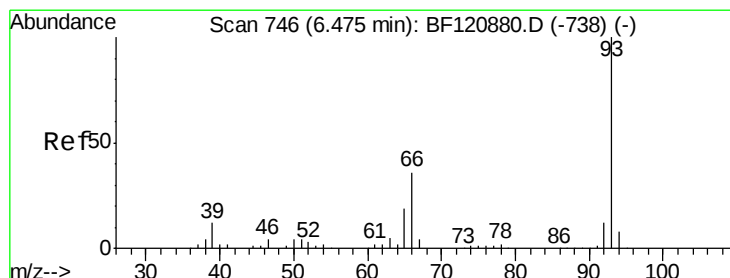
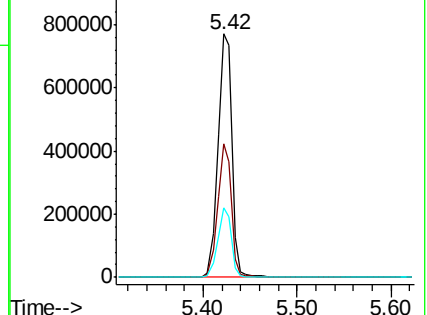
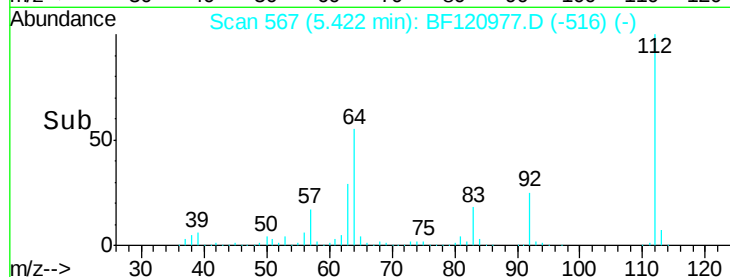
63 28.6 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.922 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

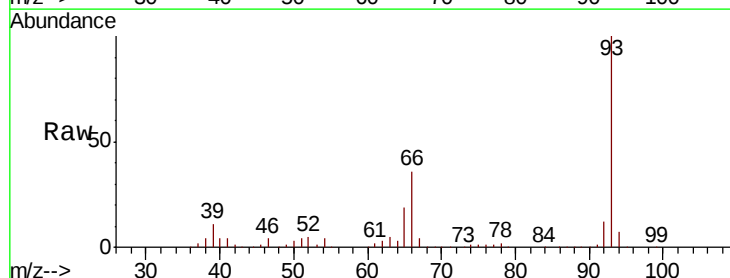
Tgt Ion: 93 Resp: 679462

Ion Ratio Lower Upper

93 100

66 36.1 30.2 45.4

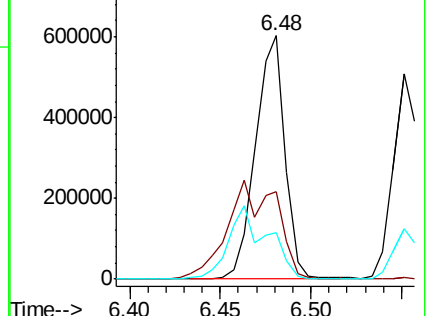
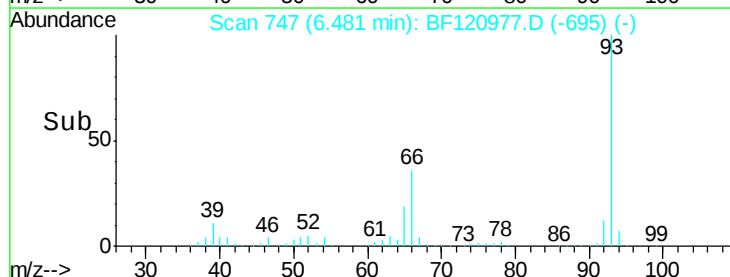
65 19.0 15.8 23.6

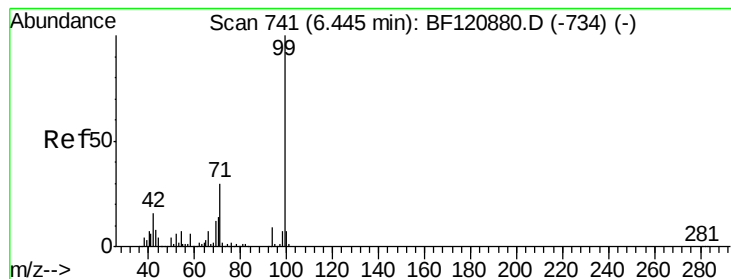


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.182 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

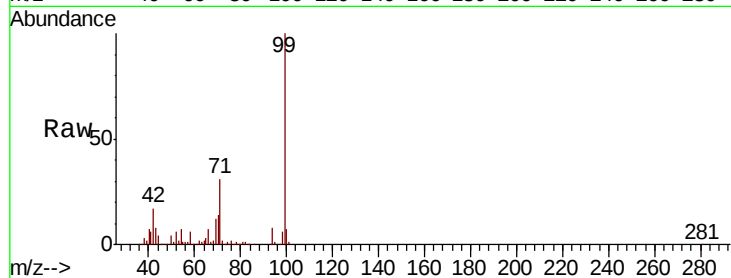
Tot Ion: 99 Resp: 1045830

Ion Ratio Lower Upper

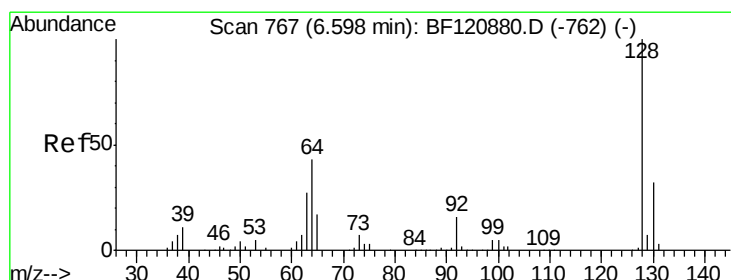
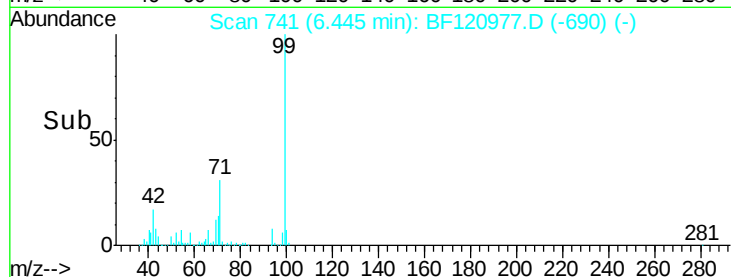
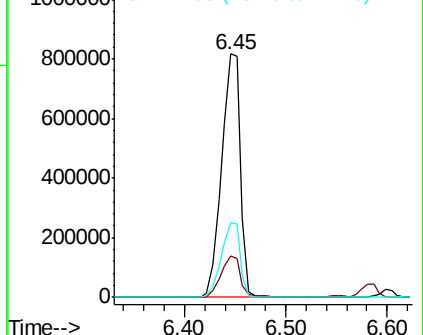
99 100

42 16.9 13.1 19.7

71 30.5 24.2 36.4



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



#8

2-Chlorophenol

Concen: 38.089 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

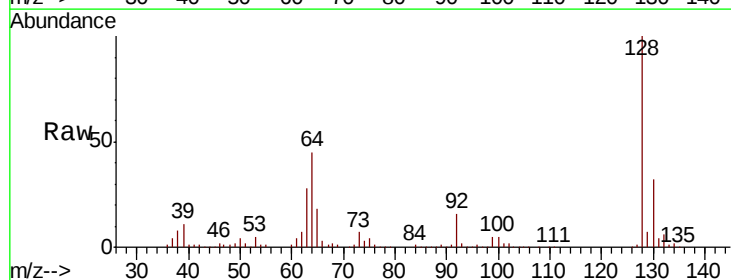
Tgt Ion: 128 Resp: 457954

Ion Ratio Lower Upper

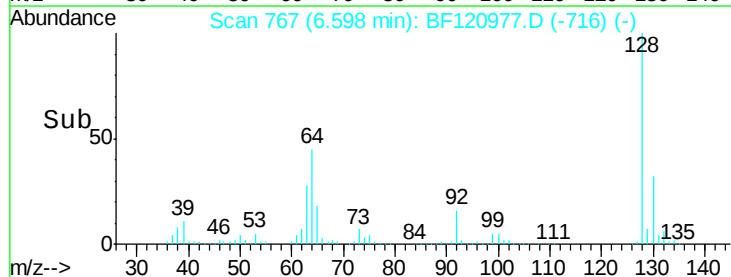
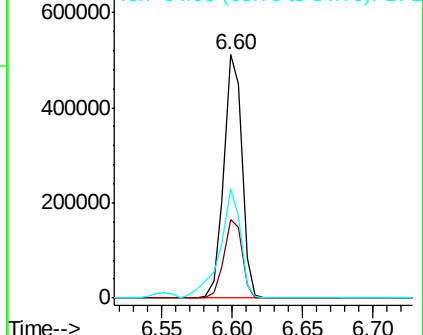
128 100

130 32.2 12.1 52.1

64 45.0 24.0 64.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.978 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Instrument :

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ClientSampleId :

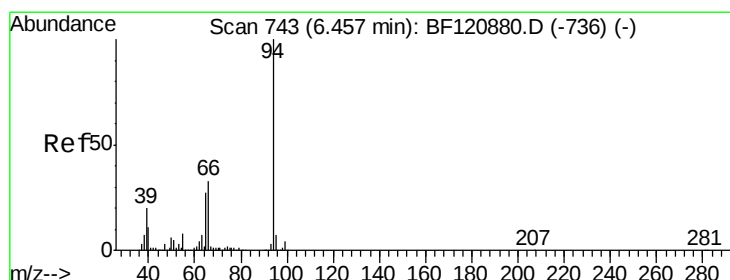
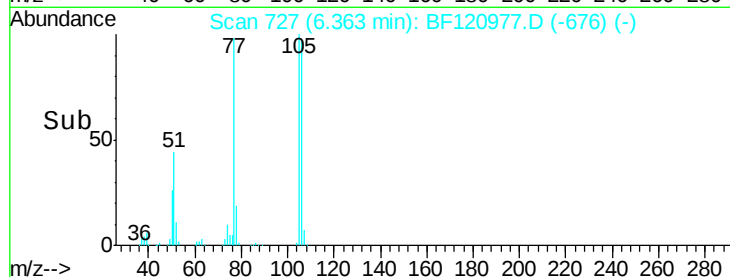
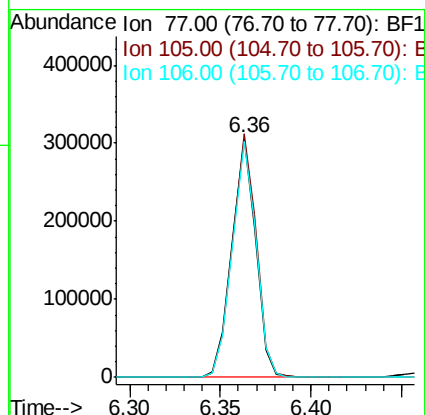
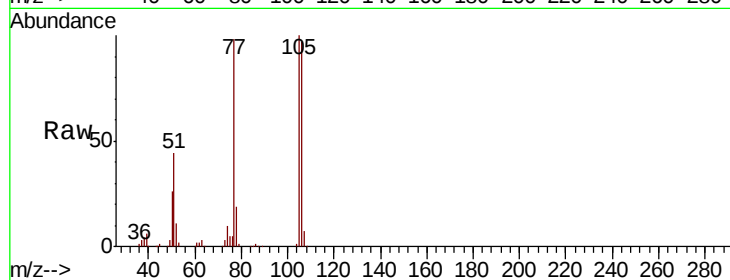
Tot Ion: 77 Resp: 283006

Ion Ratio Lower Upper

77 100

105 102.0 82.5 122.5

106 98.8 78.7 118.7



#10

Phenol

Concen: 37.234 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

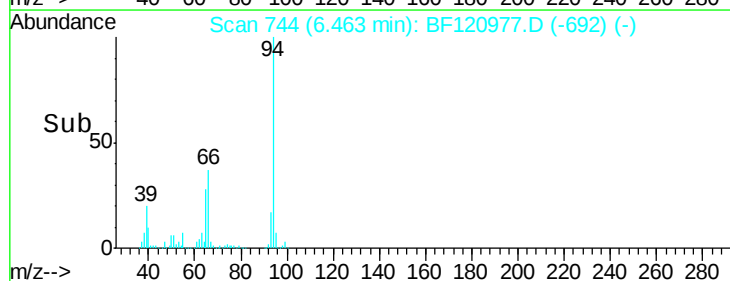
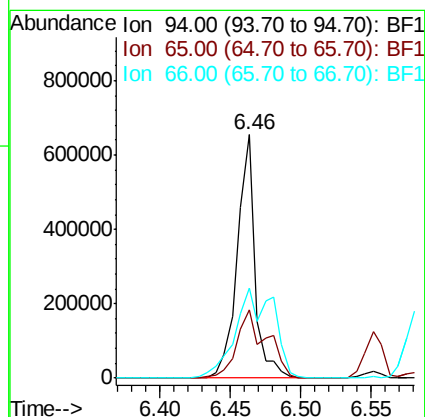
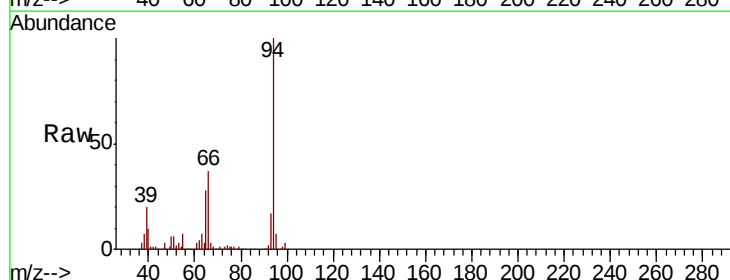
Tgt Ion: 94 Resp: 577427

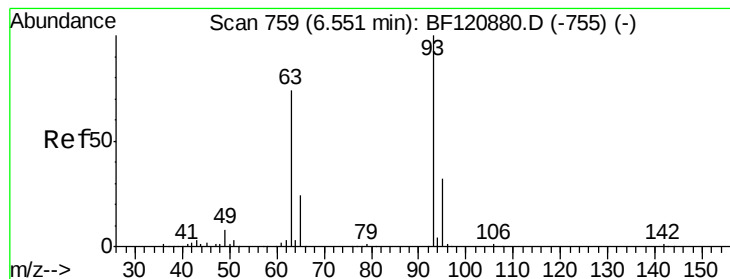
Ion Ratio Lower Upper

94 100

65 28.0 6.6 46.6

66 37.2 13.2 53.2





#11

bis(2-Chloroethyl)ether

Concen: 38.068 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

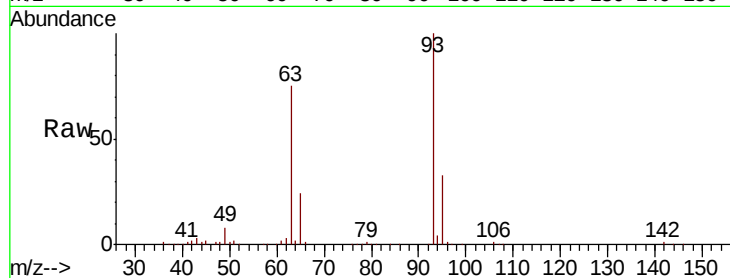
Tot Ion: 93 Resp: 452446

Ion Ratio Lower Upper

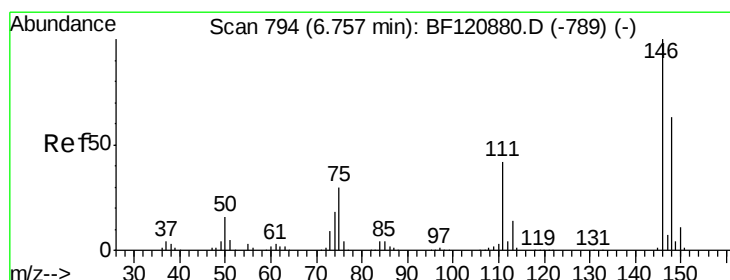
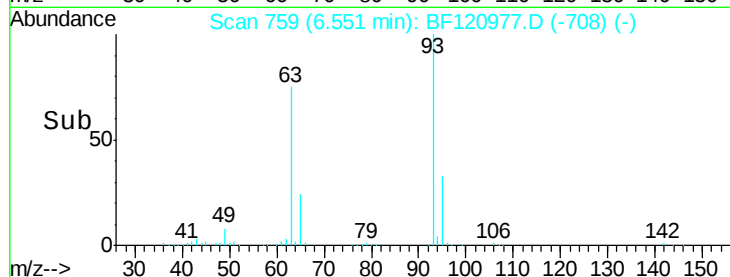
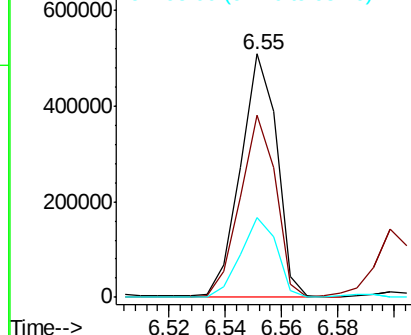
93 100

63 74.8 54.2 94.2

95 32.6 12.2 52.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.870 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

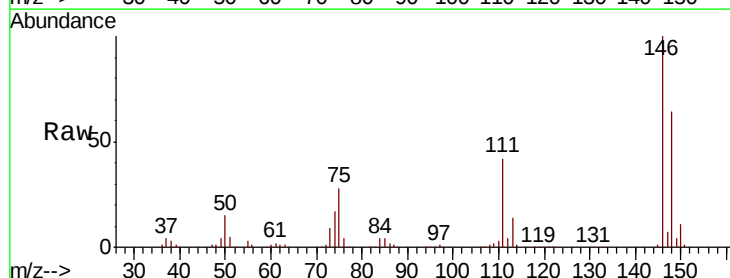
Tgt Ion: 146 Resp: 493718

Ion Ratio Lower Upper

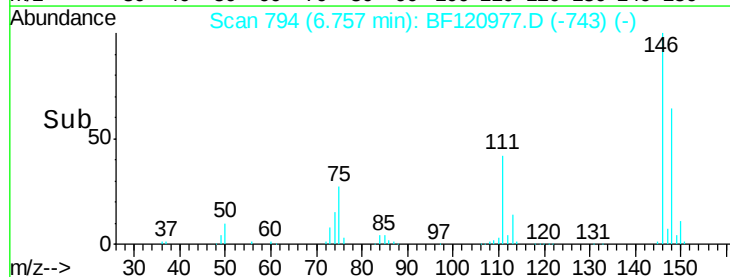
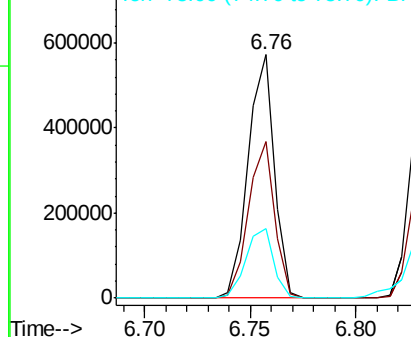
146 100

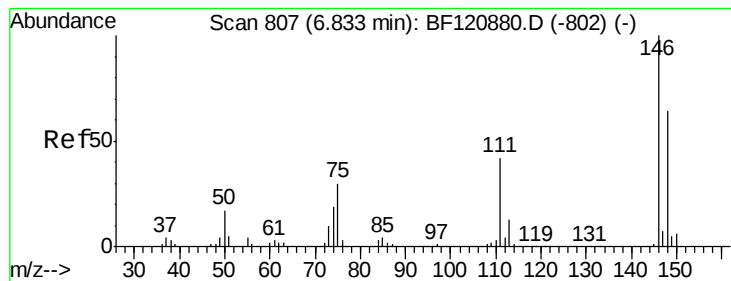
148 64.1 50.6 75.8

75 28.4 24.1 36.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 37.959 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

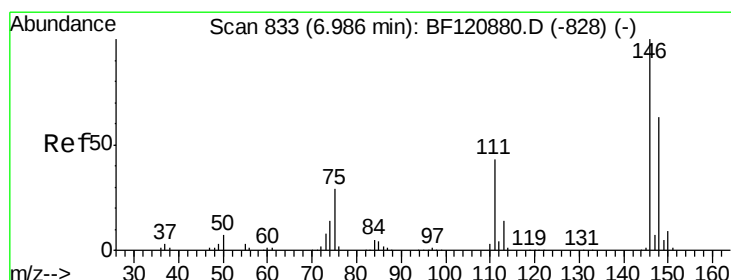
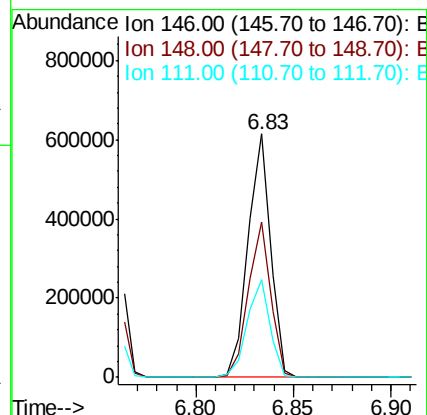
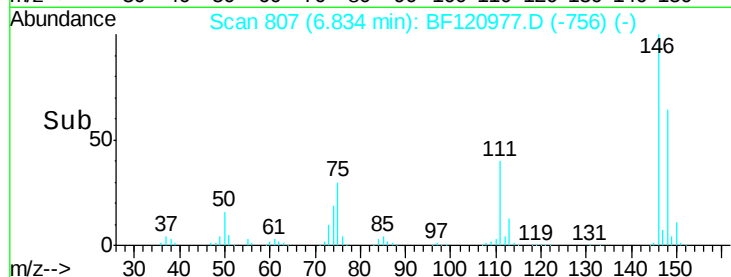
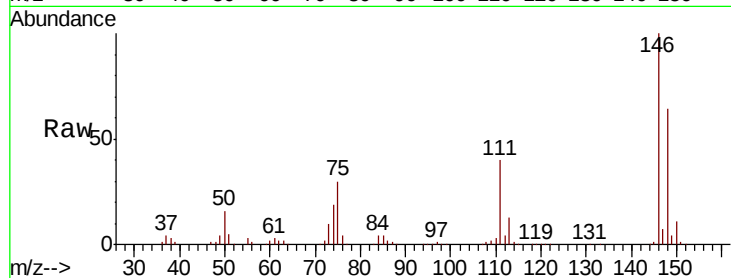
Tot Ion:146 Resp: 492099

Ion Ratio Lower Upper

146 100

148 64.0 51.6 77.4

111 40.2 33.5 50.3



#14

1,2-Dichlorobenzene

Concen: 36.929 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

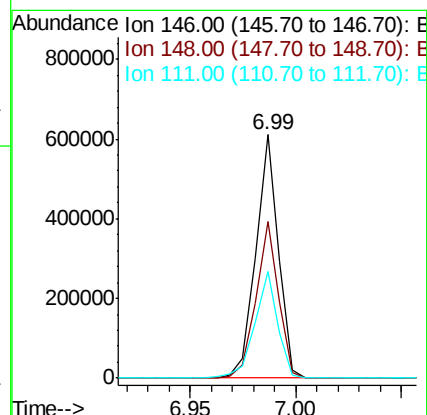
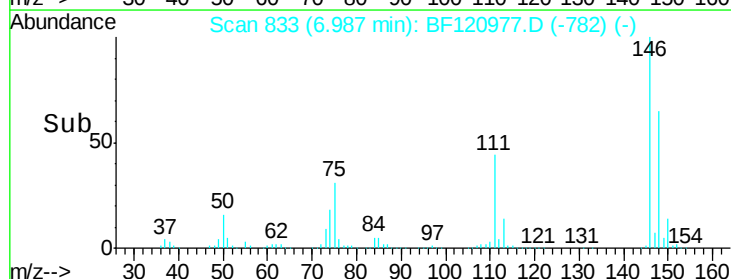
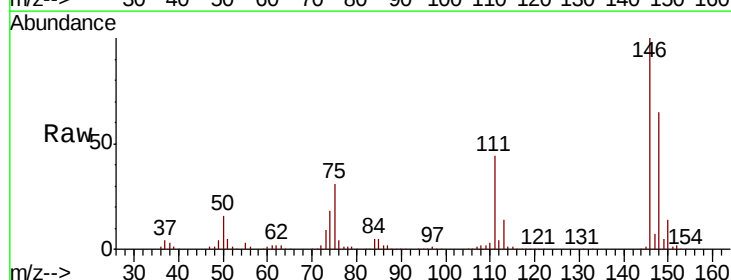
Tgt Ion:146 Resp: 452908

Ion Ratio Lower Upper

146 100

148 64.5 50.6 76.0

111 43.6 34.2 51.2

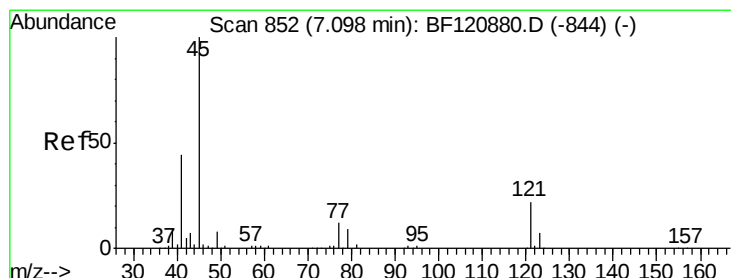
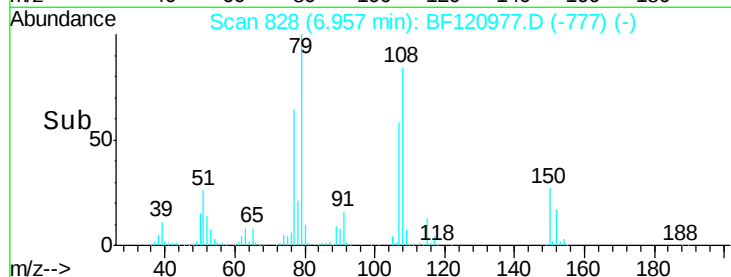
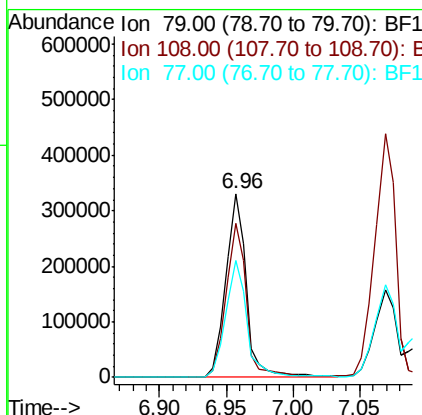
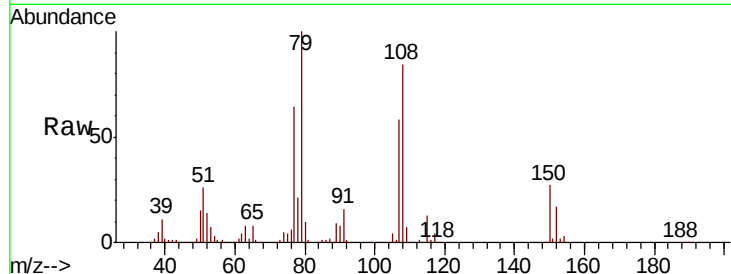




#15
Benzyl Alcohol
Concen: 36.483 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

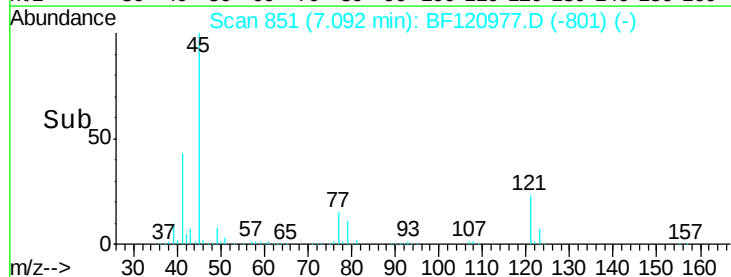
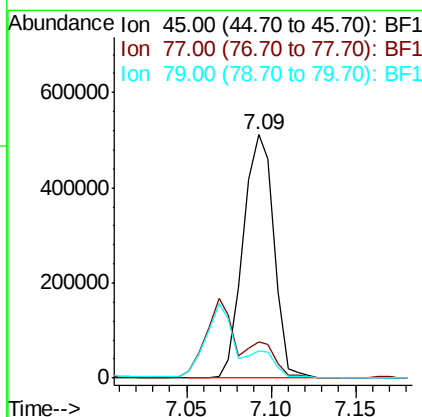
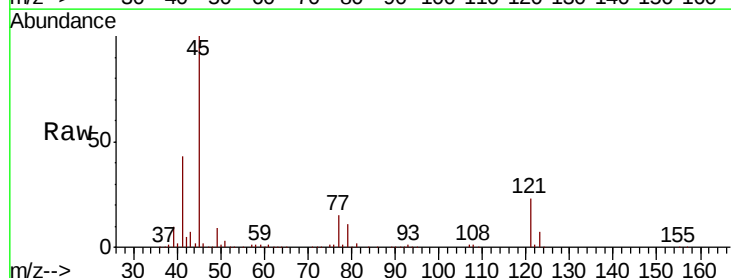
Instrument :
BNA_F
ClientSampled :

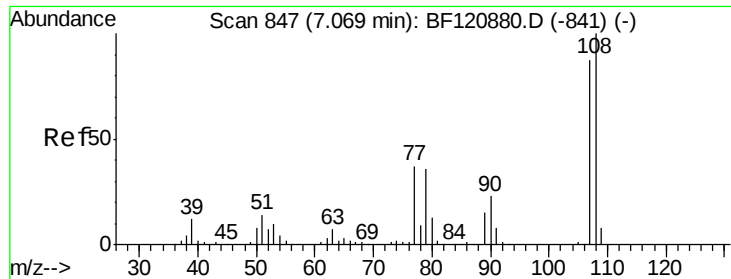
Tot Ion: 79 Resp: 363731
Ion Ratio Lower Upper
79 100
108 83.6 67.0 100.6
77 63.7 51.0 76.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.060 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Tgt Ion: 45 Resp: 652003
Ion Ratio Lower Upper
45 100
77 14.8 0.0 34.3
79 11.4 0.0 31.0





#17

2-Methylphenol

Concen: 37.854 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 403393

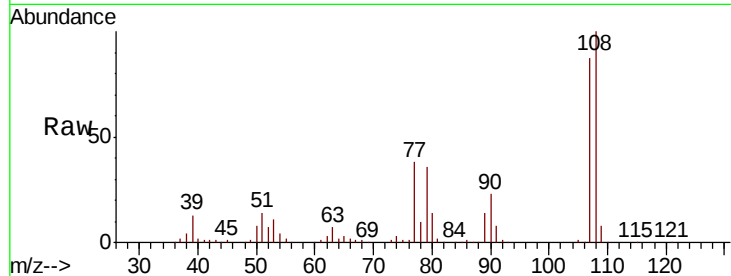
Ion Ratio Lower Upper

107 100

108 115.5 92.0 138.0

77 43.9 34.0 51.0

79 41.6 33.3 49.9

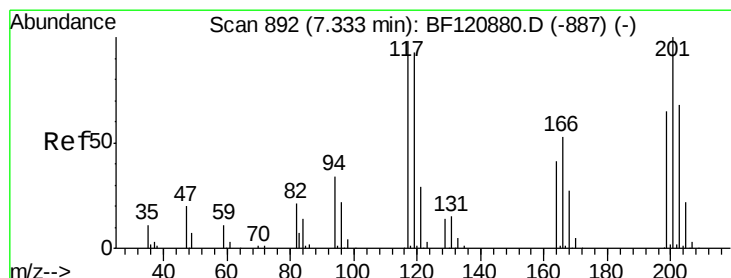
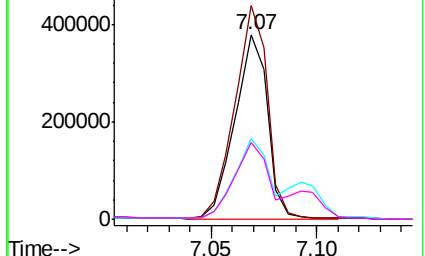
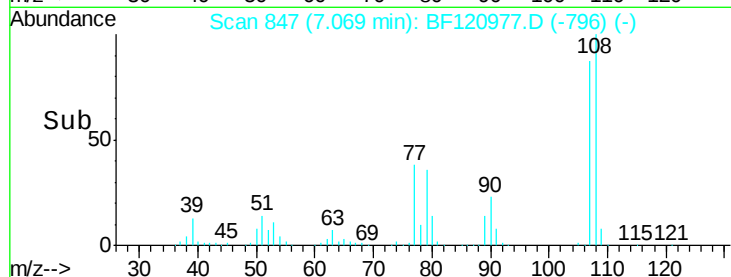


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.148 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

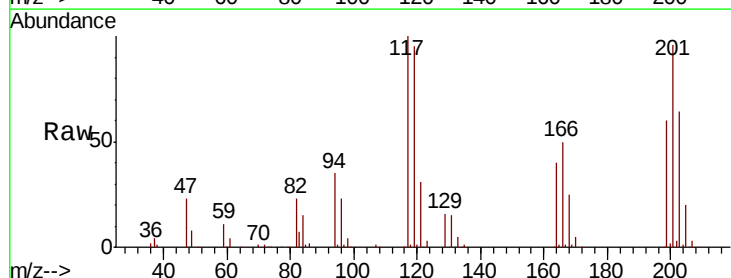
Tgt Ion:117 Resp: 183688

Ion Ratio Lower Upper

117 100

119 95.1 76.0 114.0

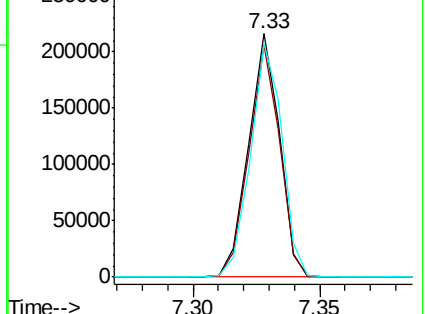
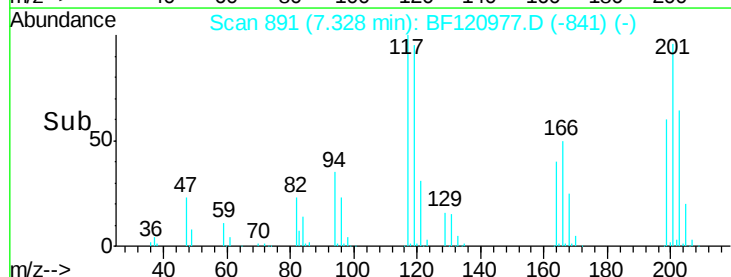
201 96.1 81.7 122.5

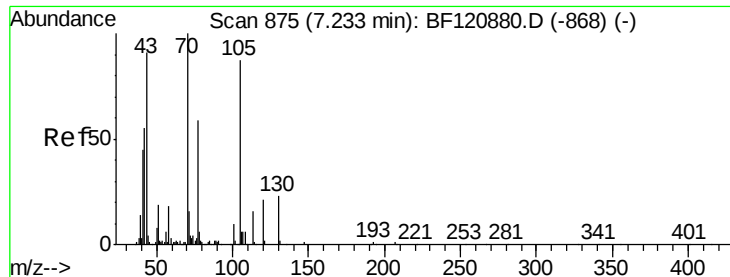


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

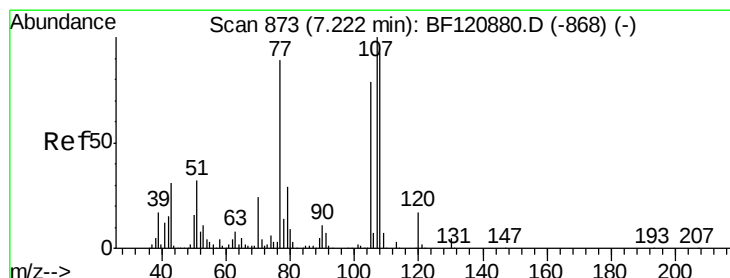
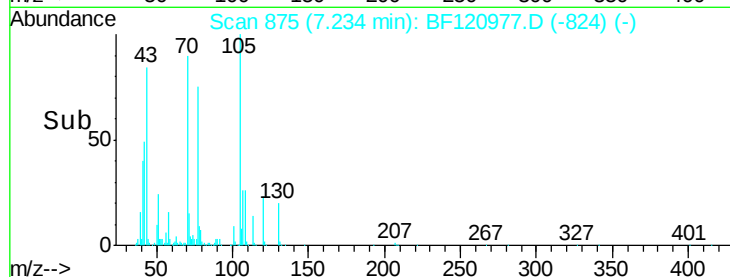
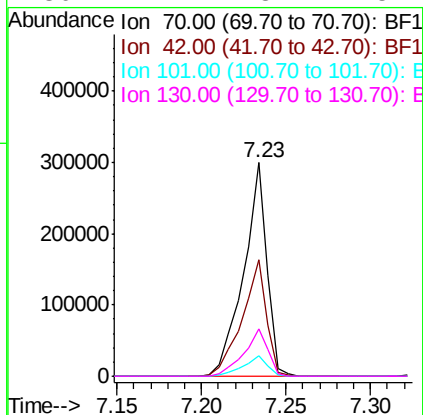
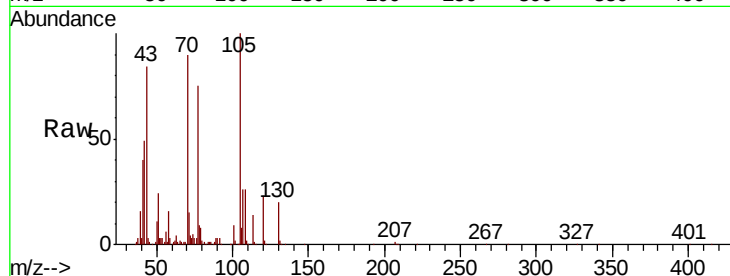




#19
n-Nitroso-di-n-propylamine
Concen: 36.250 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

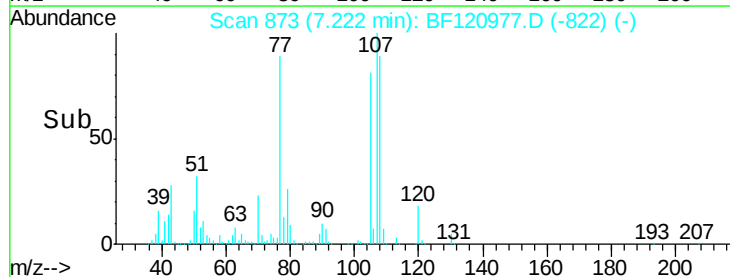
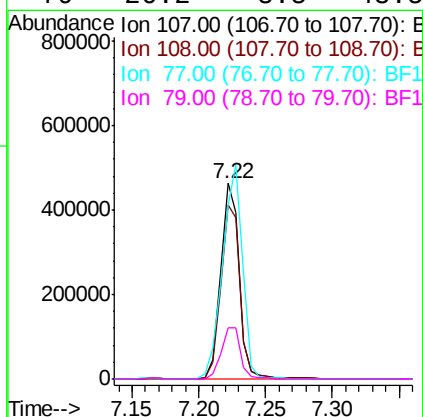
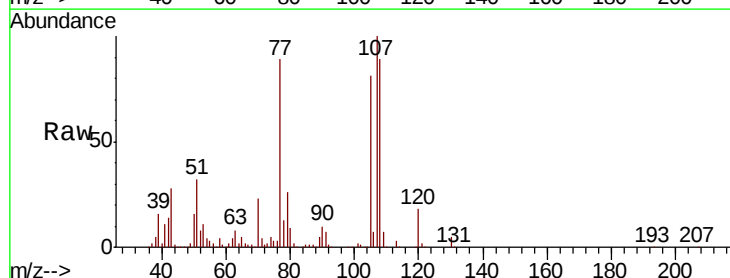
Instrument :
BNA_F
ClientSampleId :

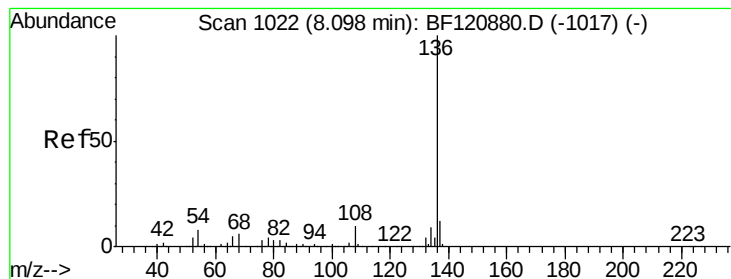
Tot Ion:	70	Resp:	290606
Ion	Ratio	Lower	Upper
70	100		
42	54.5	44.0	66.0
101	9.9	7.8	11.6
130	22.4	18.7	28.1



#20
3+4-Methylphenols
Concen: 33.349 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Tgt Ion:	107	Resp:	452086
Ion	Ratio	Lower	Upper
107	100		
108	89.4	72.8	112.8
77	89.4	68.7	108.7
79	26.2	8.5	48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 662675

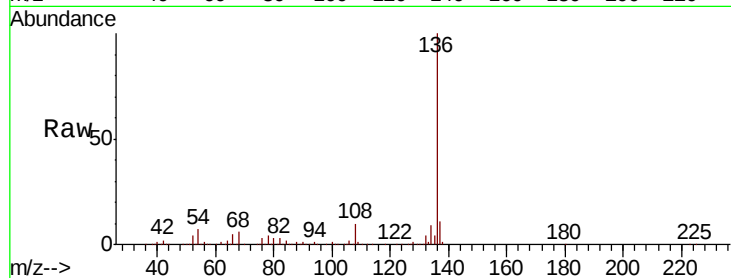
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.4 6.3 9.5

68 6.1 5.0 7.4

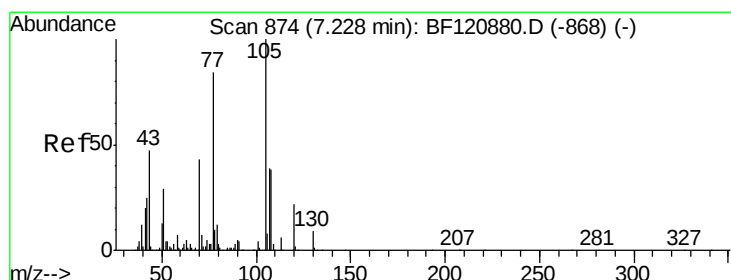
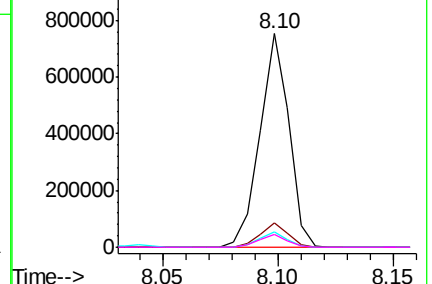
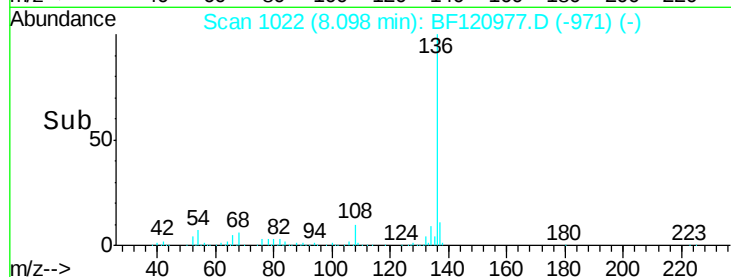


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.956 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Tgt Ion:105 Resp: 549629

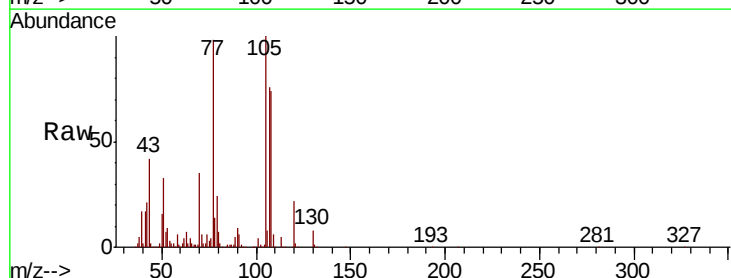
Ion Ratio Lower Upper

105 100

71 6.2 5.7 8.5

51 33.4 22.9 34.3

120 21.6 18.0 27.0

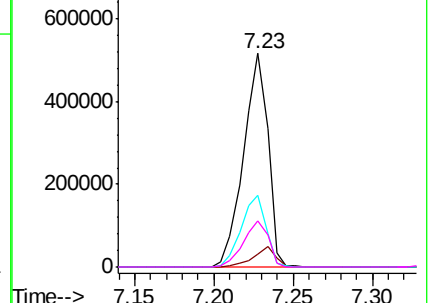
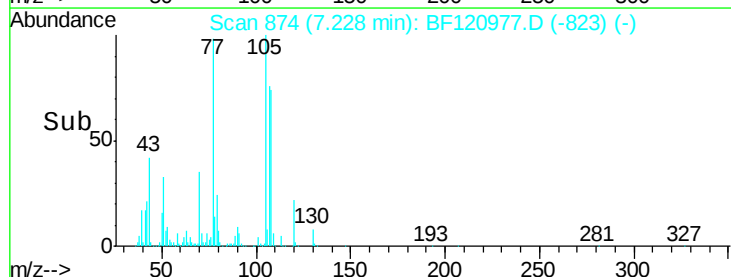


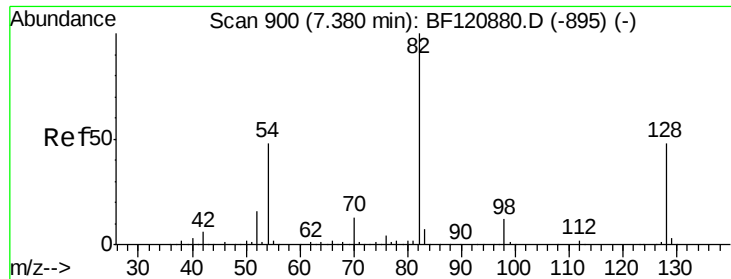
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

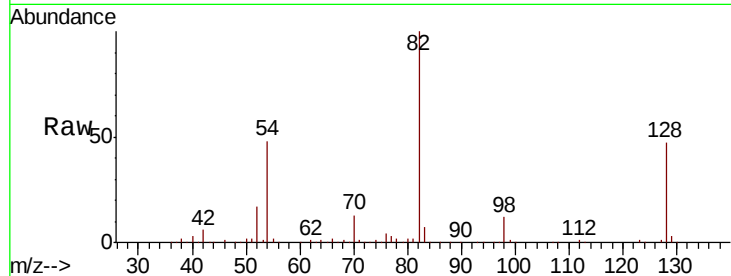




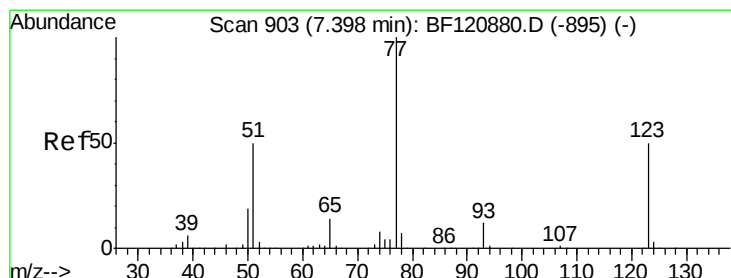
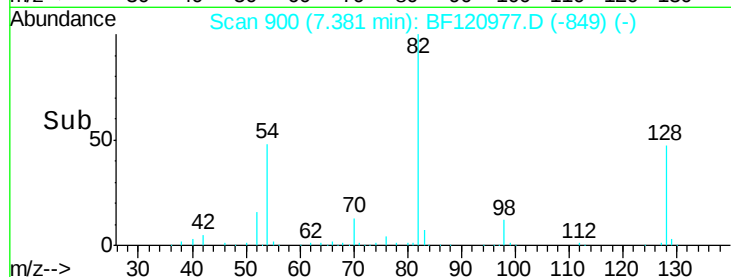
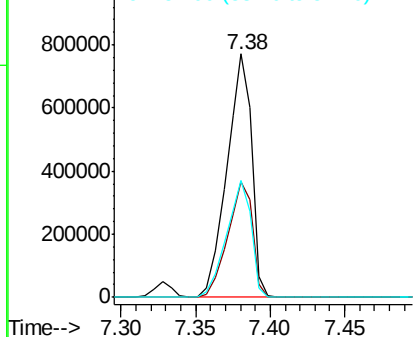
#23
Nitrobenzene-d5
Concen: 78.593 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 900079
Ion Ratio Lower Upper
82 100
128 47.3 38.2 57.4
54 48.1 38.7 58.1

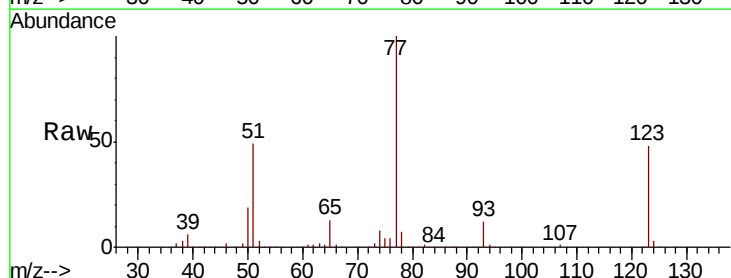


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

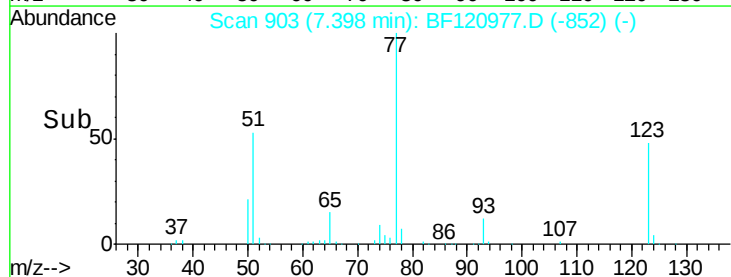
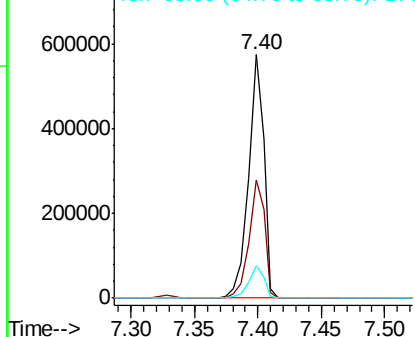


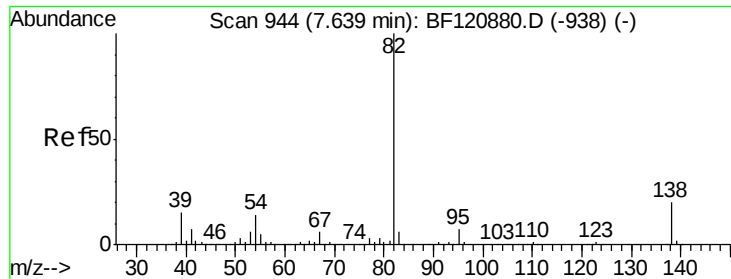
#24
Nitrobenzene
Concen: 39.358 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Tgt Ion: 77 Resp: 485816
Ion Ratio Lower Upper
77 100
123 48.5 40.1 60.1
65 13.2 10.8 16.2



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





#25

Isophorone

Concen: 38.199 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

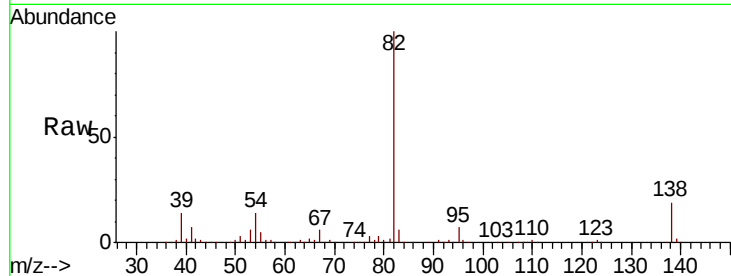
Tot Ion: 82 Resp: 873097

Ion Ratio Lower Upper

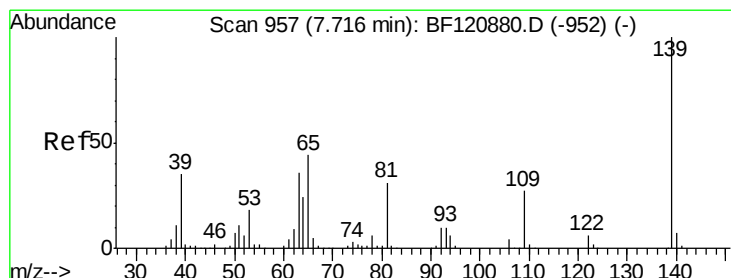
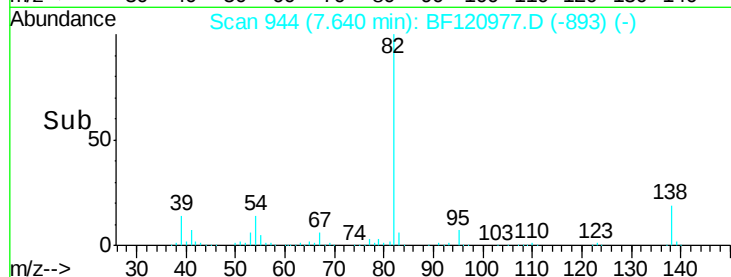
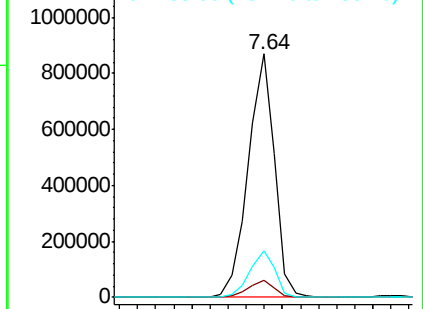
82 100

95 6.8 5.5 8.3

138 19.0 15.6 23.4



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.195 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

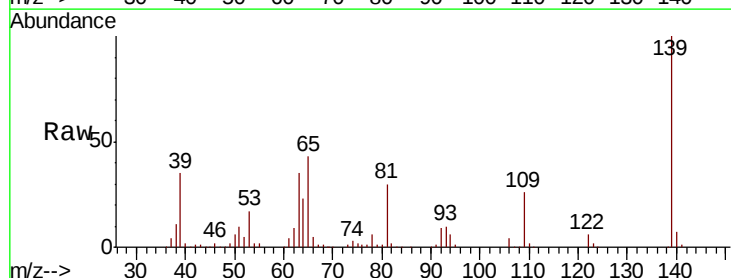
Tgt Ion: 139 Resp: 247363

Ion Ratio Lower Upper

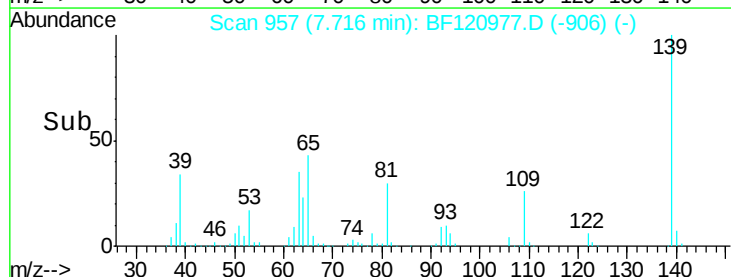
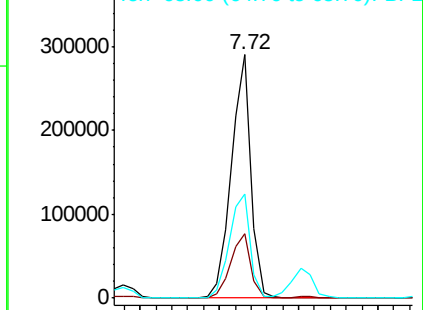
139 100

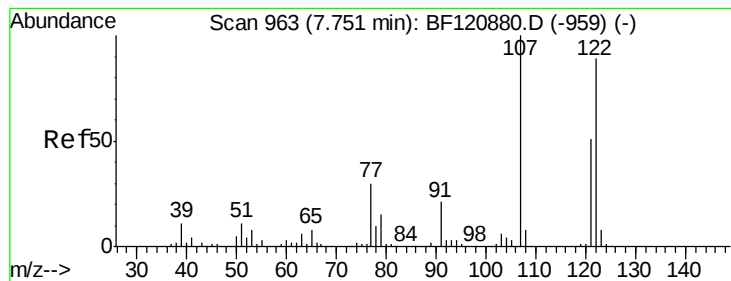
109 26.3 21.6 32.4

65 42.7 35.3 52.9



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





#27

2,4-Dimethylphenol

Concen: 37.930 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

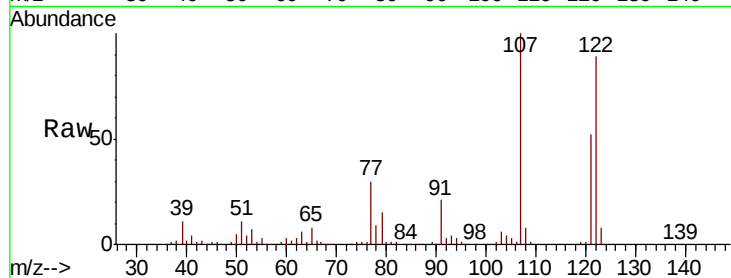
Tot Ion:122 Resp: 361020

Ion Ratio Lower Upper

122 100

107 112.4 89.4 134.0

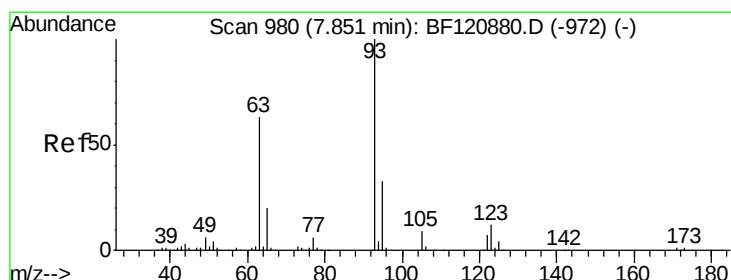
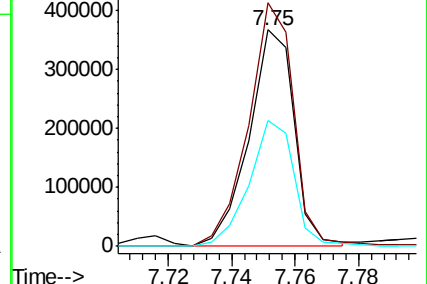
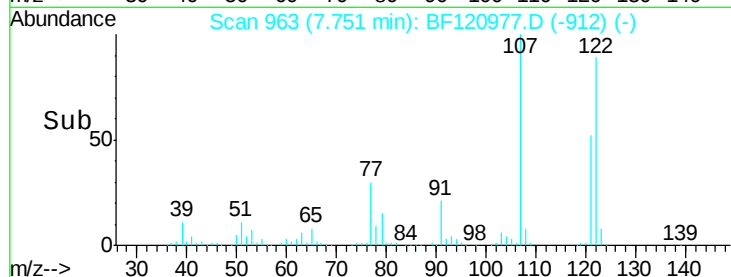
121 58.3 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.992 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

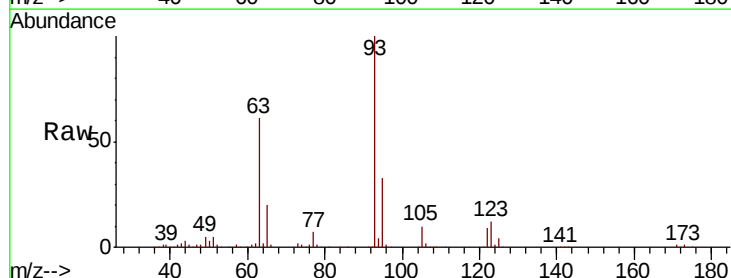
Tgt Ion: 93 Resp: 544020

Ion Ratio Lower Upper

93 100

95 33.3 26.6 39.8

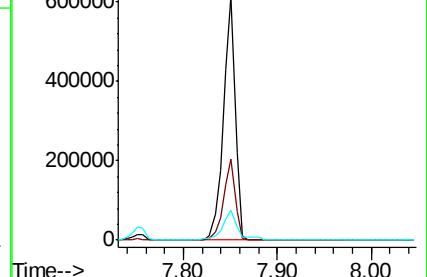
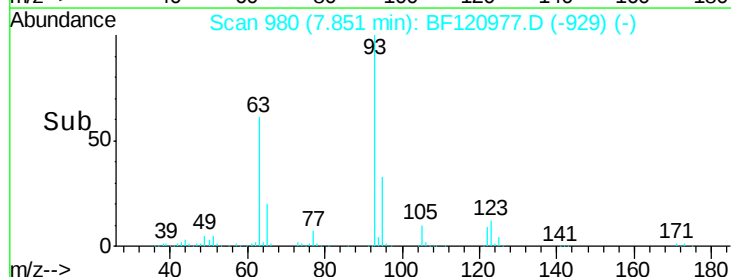
123 12.4 10.0 15.0



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

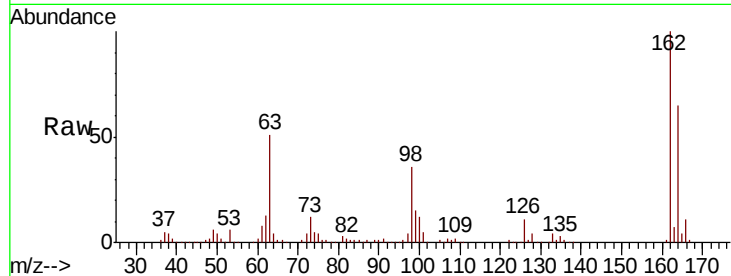




#29
2,4-Dichlorophenol
Concen: 39.416 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	45.3	85.3
98	36.1	13.3	53.3

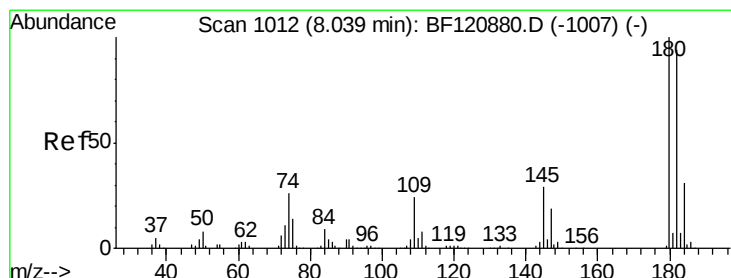
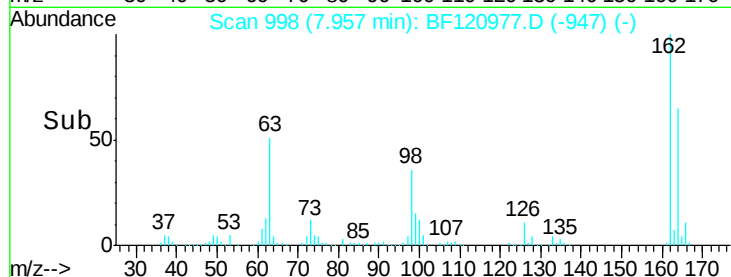
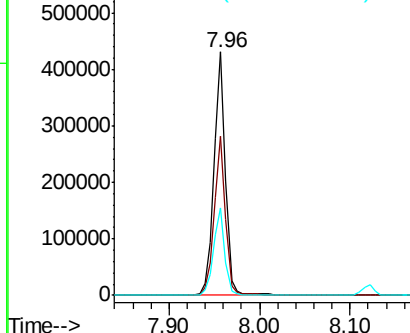


Abundance

Ion 162.00 (161.70 to 162.70): E

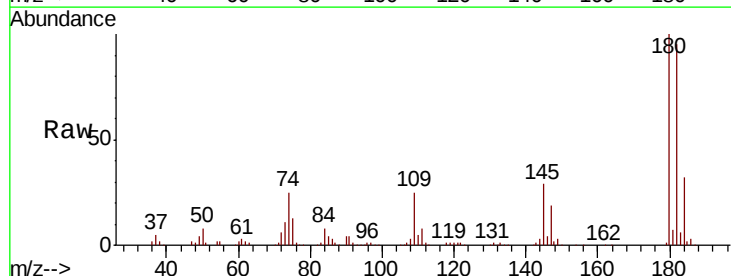
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.167 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.0	112.6
145	29.4	23.5	35.3

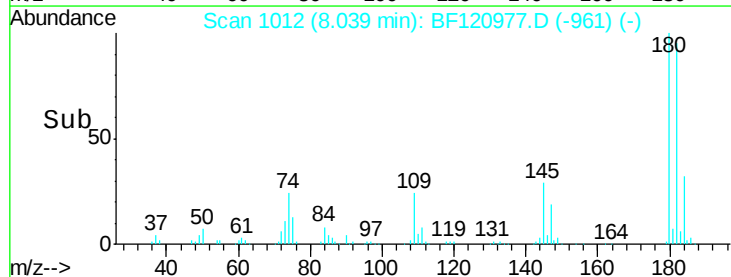
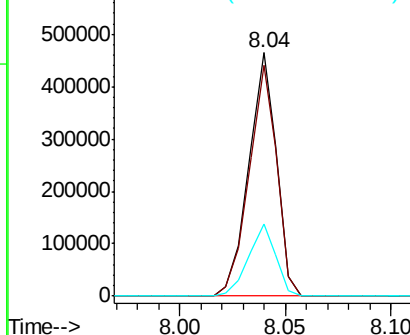


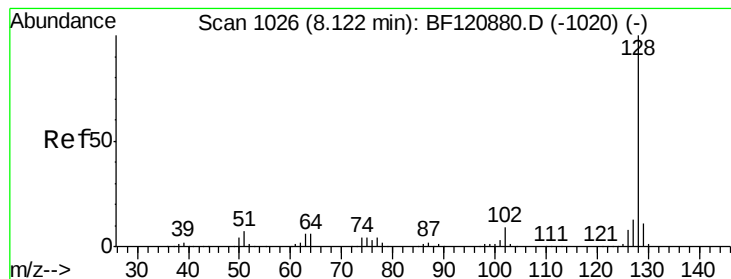
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.650 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

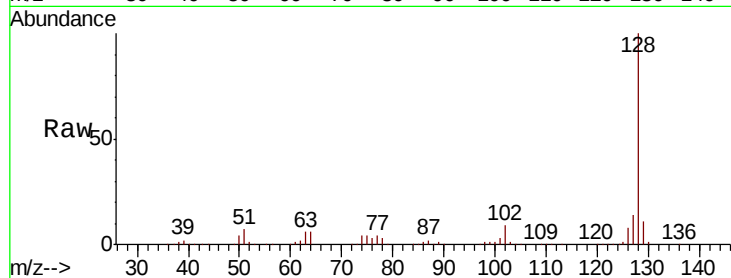
Tot Ion:128 Resp: 1279815

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

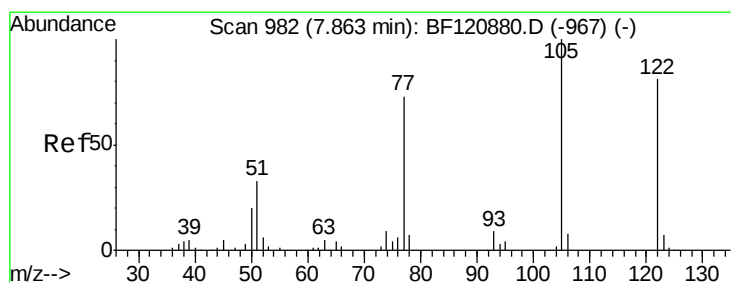
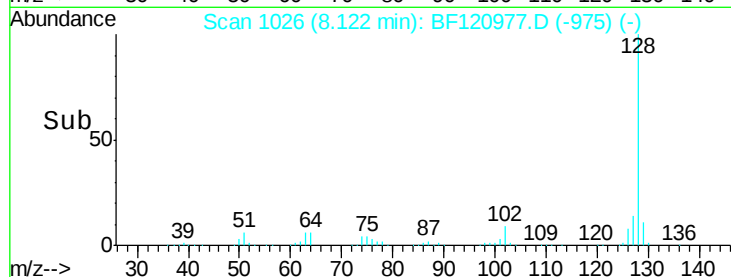
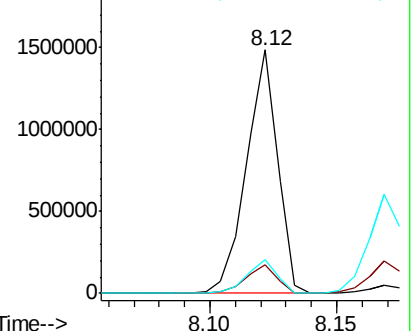
127 13.8 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

2000000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.194 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

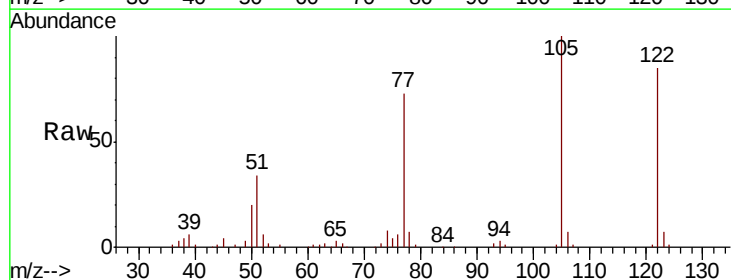
Tgt Ion:122 Resp: 244316

Ion Ratio Lower Upper

122 100

105 117.9 101.3 141.3

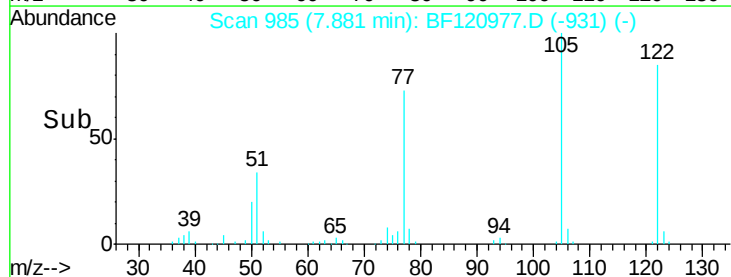
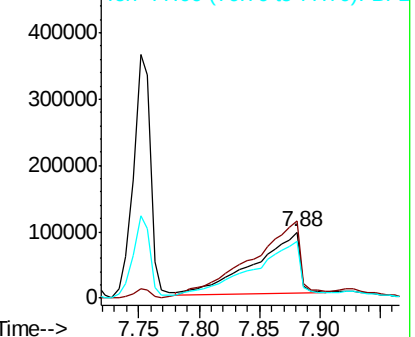
77 85.9 69.1 109.1

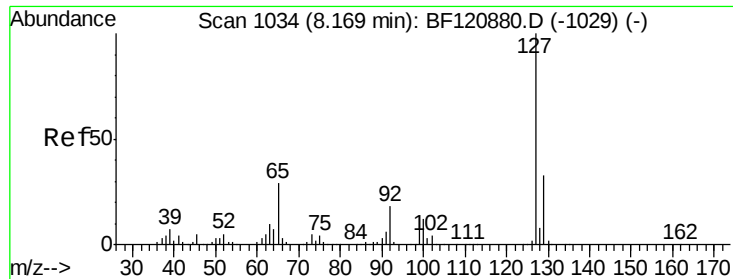


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

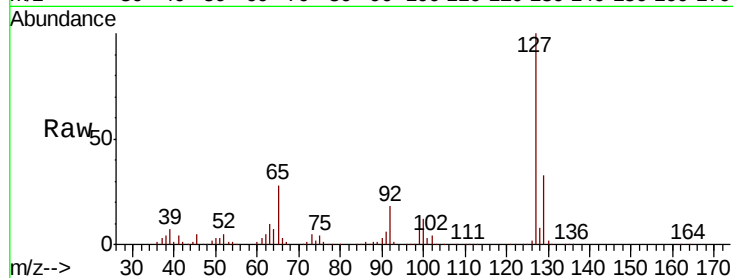




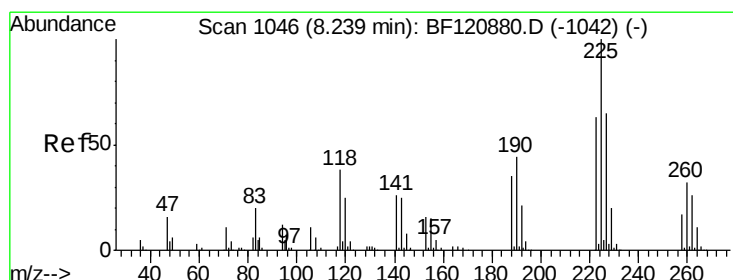
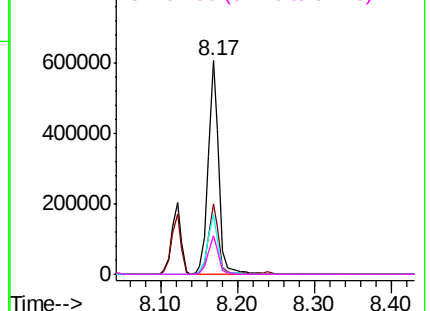
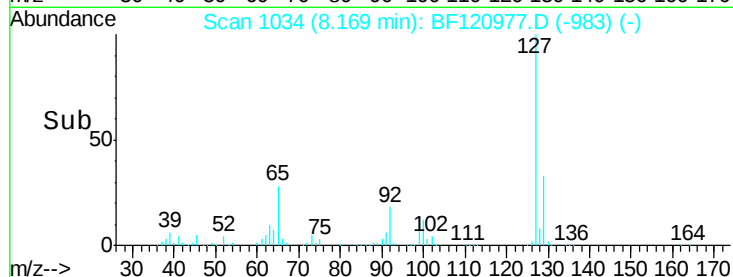
#33
4-Chloroaniline
Concen: 37.759 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	572557
Ion Ratio	Lower	Upper
127	100	
129	32.9	26.5 39.7
65	28.5	23.0 34.4
92	18.2	14.5 21.7

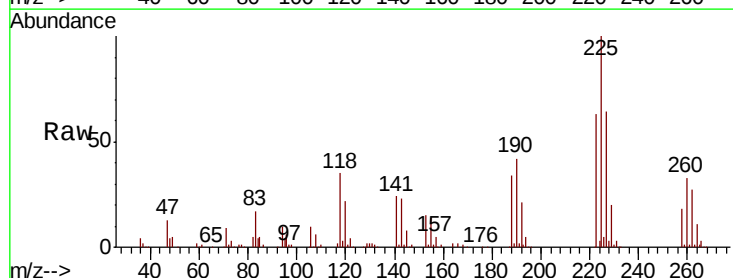


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

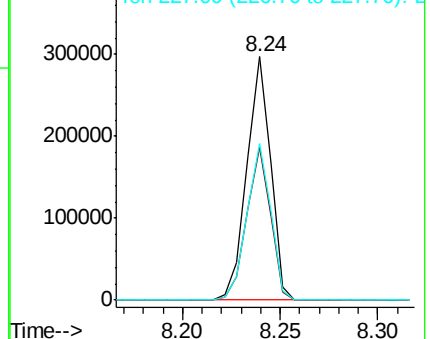
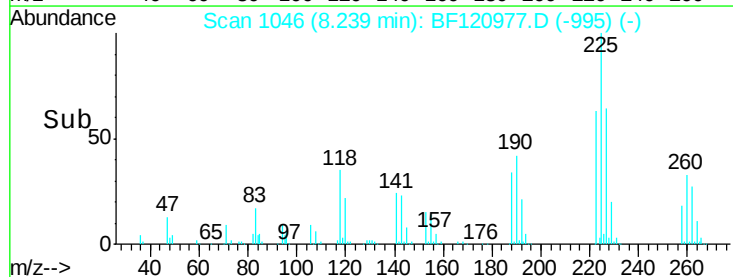


#34
Hexachlorobutadiene
Concen: 39.446 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Tgt Ion:225	Resp:	250923
Ion Ratio	Lower	Upper
225	100	
223	62.5	50.6 76.0
227	64.1	52.2 78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

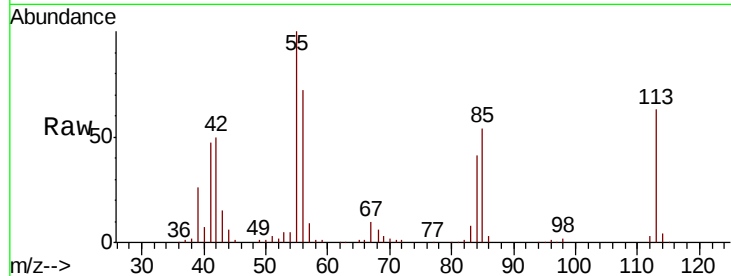




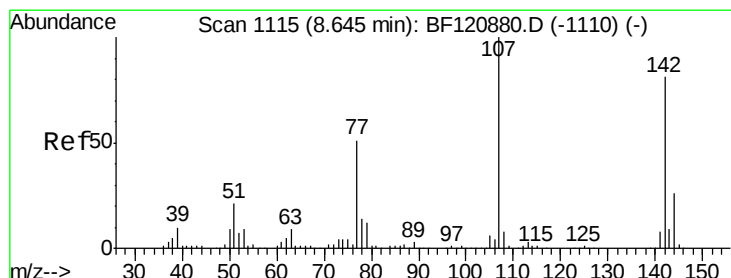
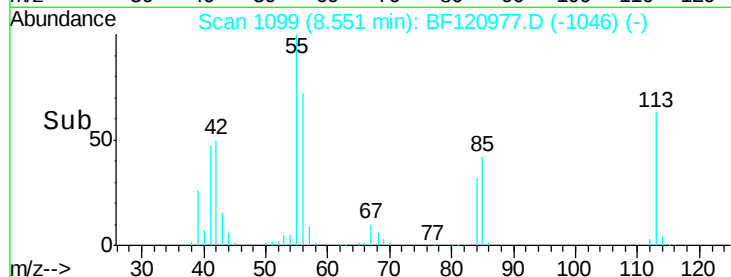
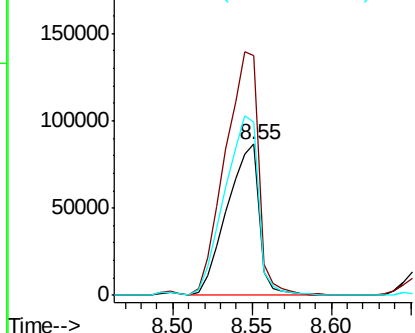
#35
Caprolactam
Concen: 39.212 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 122302
Ion Ratio Lower Upper
113 100
55 158.3 143.3 183.3
56 114.7 99.4 139.4

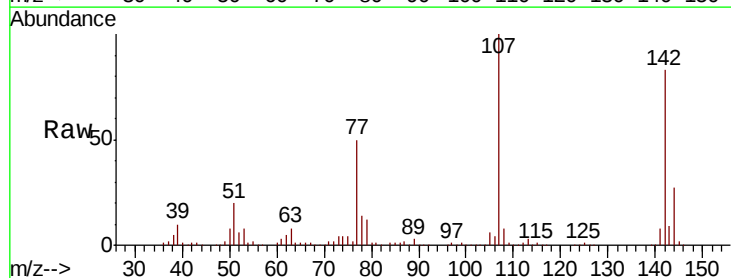


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

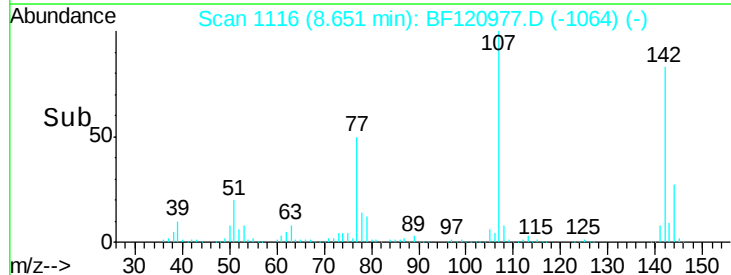
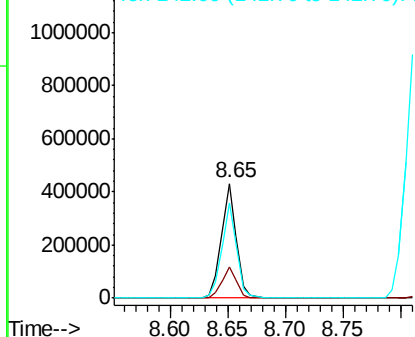


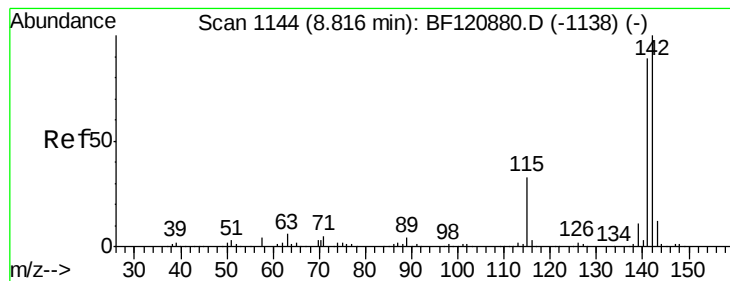
#36
4-Chloro-3-methylphenol
Concen: 39.303 ng
RT: 8.65 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Tgt Ion:107 Resp: 392049
Ion Ratio Lower Upper
107 100
144 26.9 21.0 31.6
142 83.3 65.0 97.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.653 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

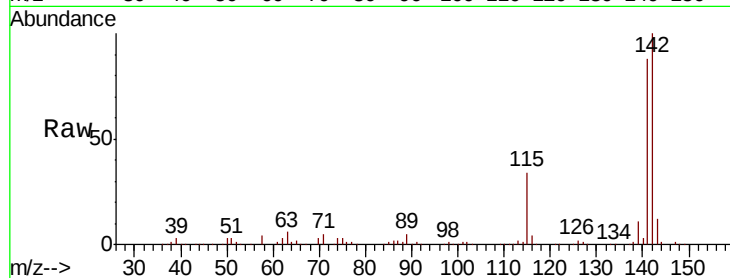
Tot Ion:142 Resp: 853113

Ion Ratio Lower Upper

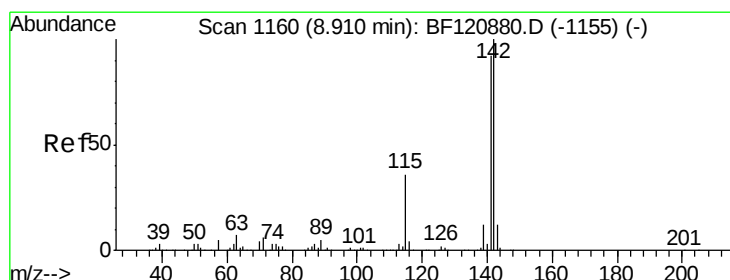
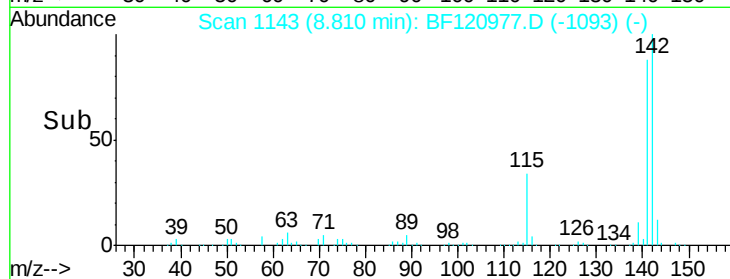
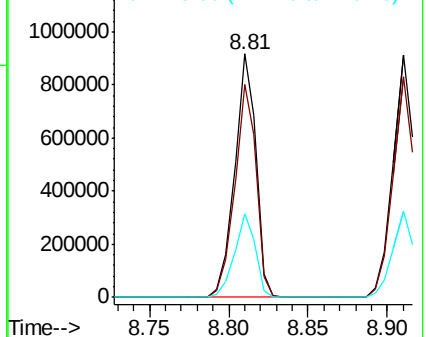
142 100

141 87.6 71.0 106.4

115 34.4 26.0 39.0



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



#38

1-Methylnaphthalene

Concen: 38.769 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

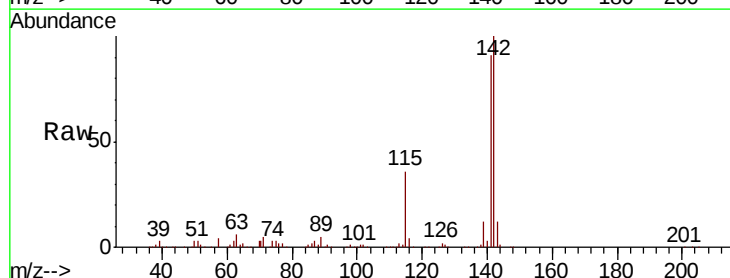
Tgt Ion:142 Resp: 810407

Ion Ratio Lower Upper

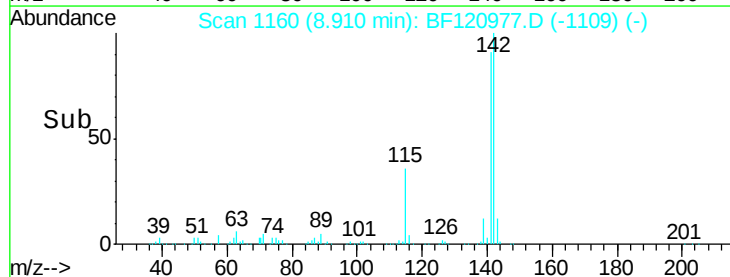
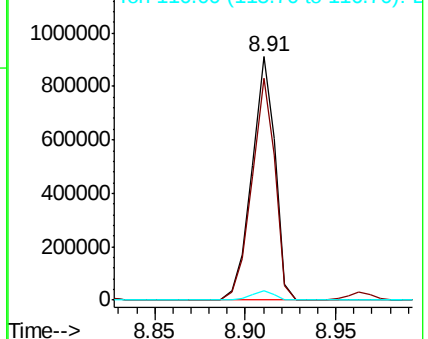
142 100

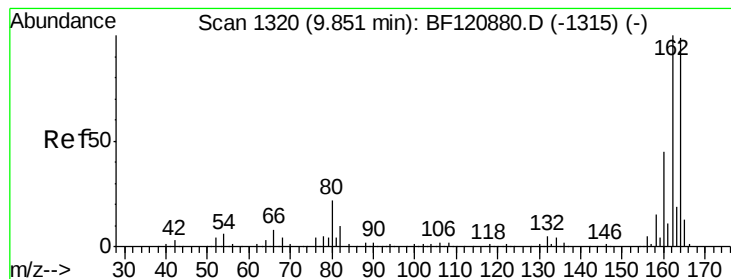
141 91.0 73.7 110.5

116 3.7 3.0 4.6



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Instrument :

BNA_F

ClientSampled :

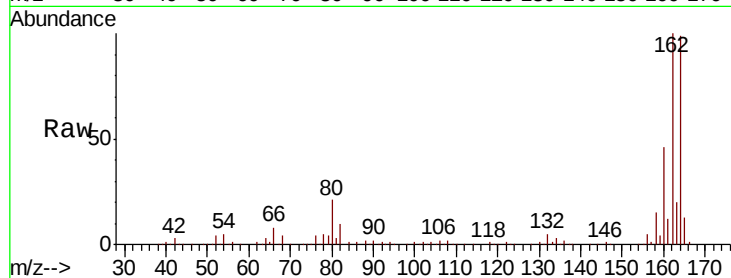
Tot Ion:164 Resp: 343952

Ion Ratio Lower Upper

164 100

162 100.8 81.2 121.8

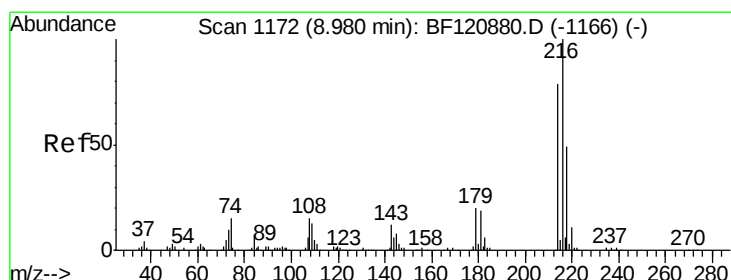
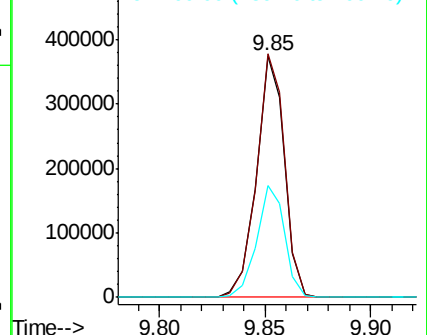
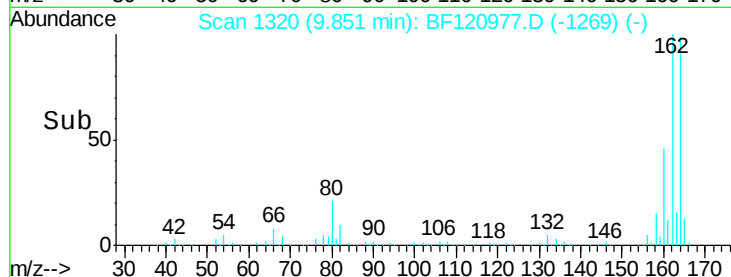
160 46.1 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.337 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Tgt Ion:216 Resp: 394211

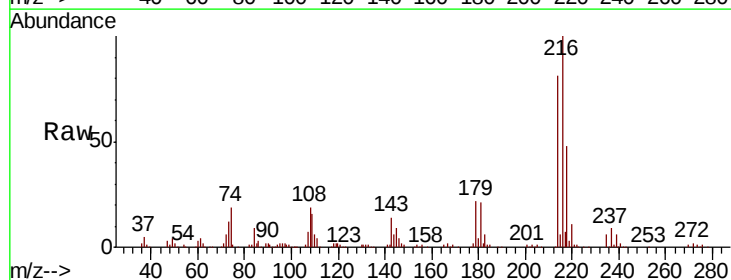
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.8

179 20.5 16.6 24.8

108 18.6 15.4 23.0

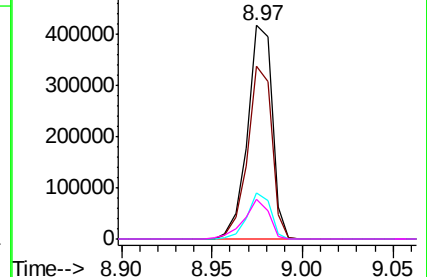
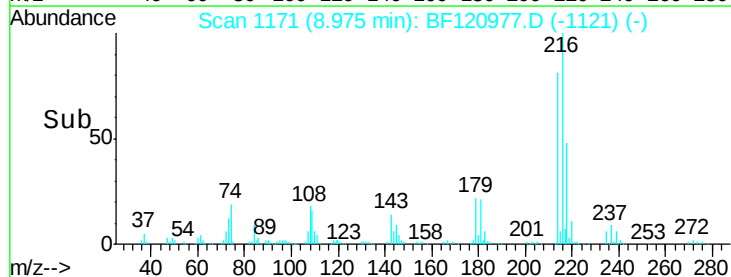


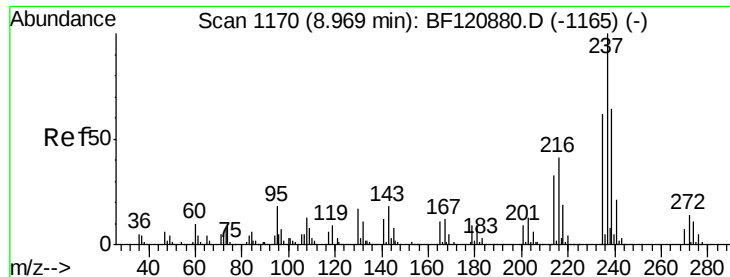
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.808 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

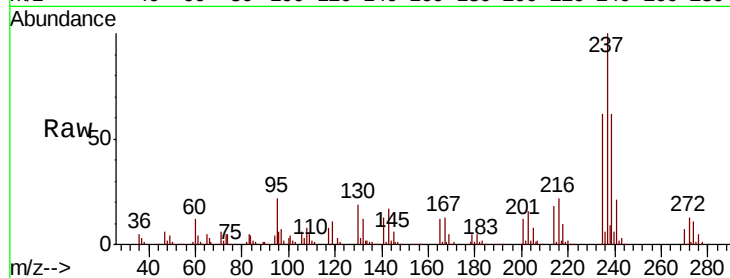
Tot Ion:237 Resp: 214940

Ion Ratio Lower Upper

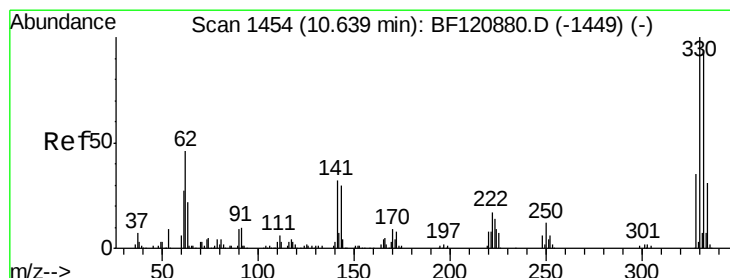
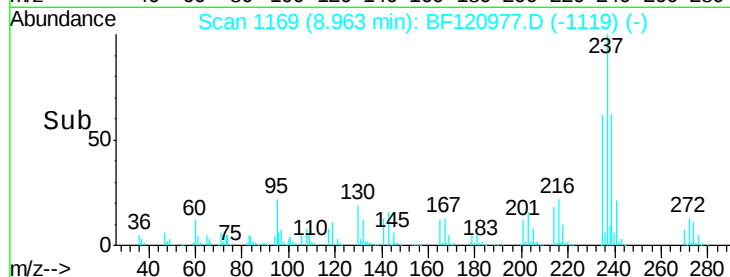
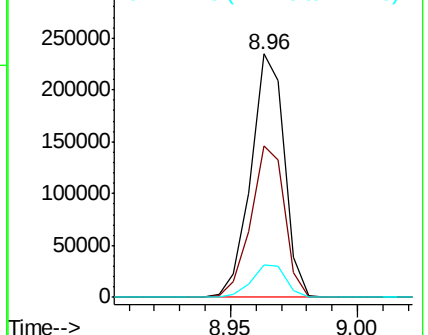
237 100

235 62.4 41.6 81.6

272 13.1 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 80.126 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

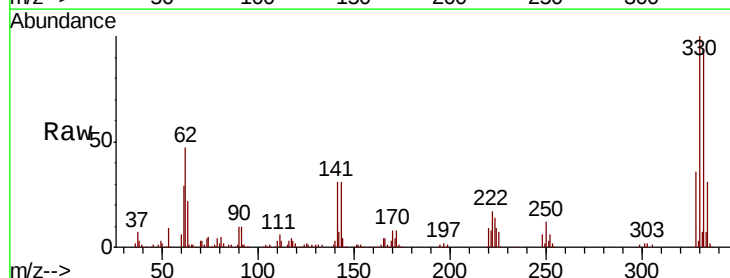
Tgt Ion:330 Resp: 301665

Ion Ratio Lower Upper

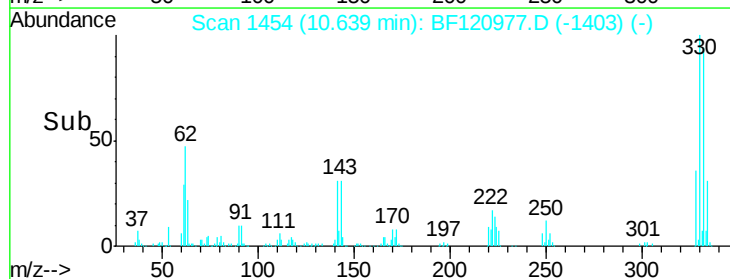
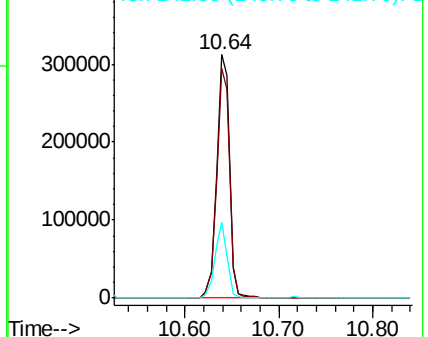
330 100

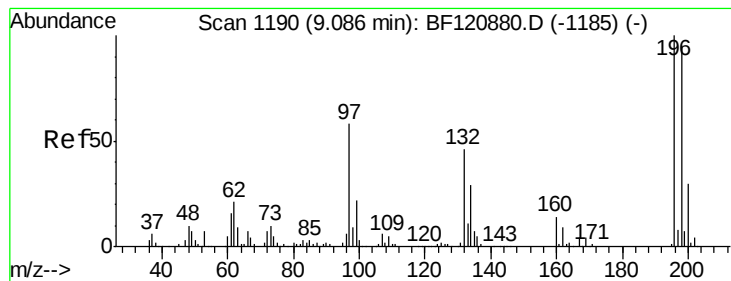
332 94.6 75.5 113.3

141 29.9 25.7 38.5



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





#43

2,4,6-Trichlorophenol

Concen: 39.016 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Instrument :

BNA_F

ClientSampled :

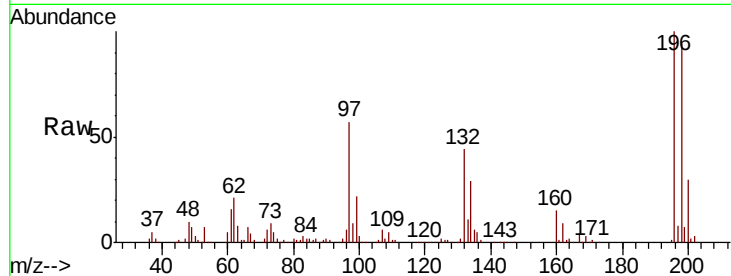
Tot Ion:196 Resp: 275294

Ion Ratio Lower Upper

196 100

198 94.0 75.7 113.5

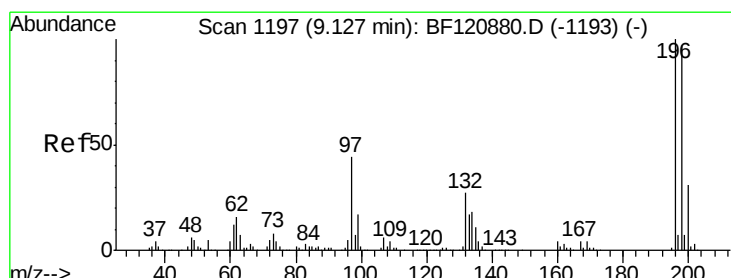
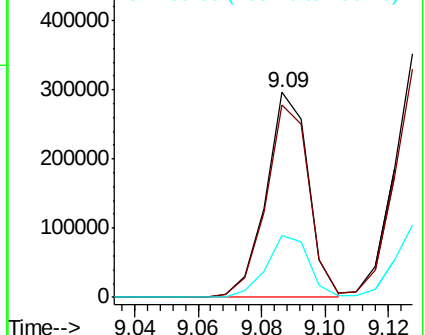
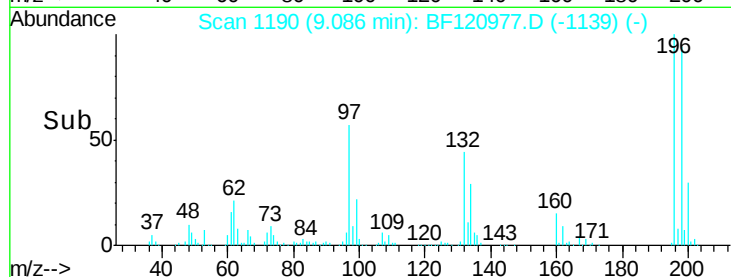
200 30.2 24.4 36.6



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 39.483 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Tgt Ion:196 Resp: 316013

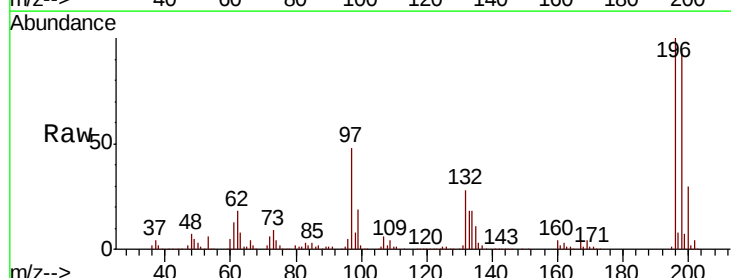
Ion Ratio Lower Upper

196 100

198 93.9 77.6 116.4

97 47.6 35.6 53.4

132 27.7 21.5 32.3

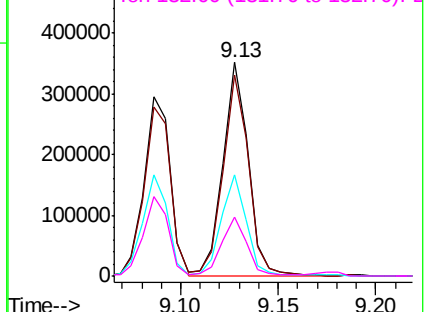
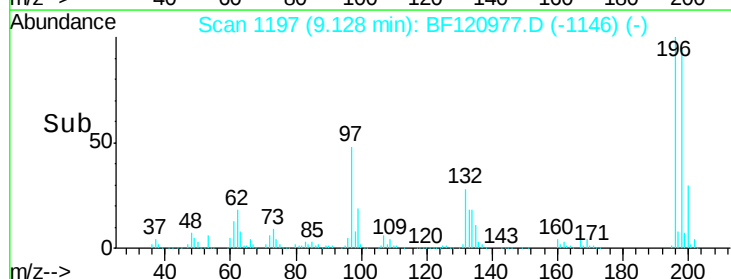


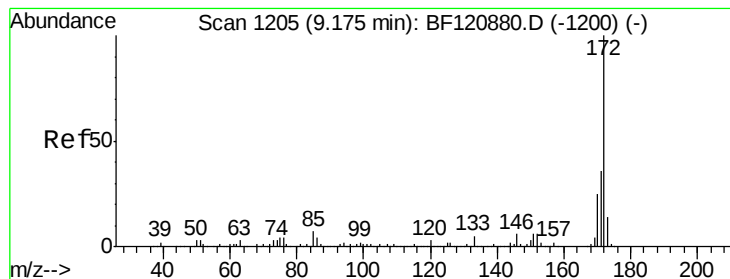
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 67.709 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

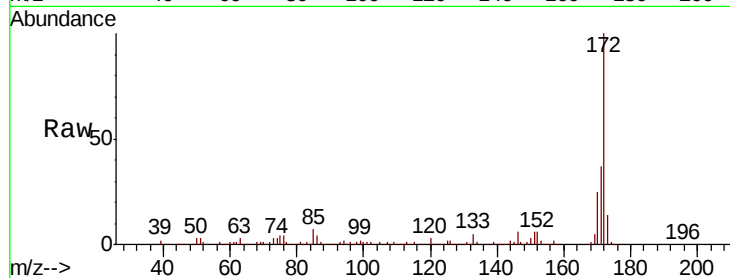
Tot Ion:172 Resp: 1559812

Ion Ratio Lower Upper

172 100

171 36.8 29.0 43.4

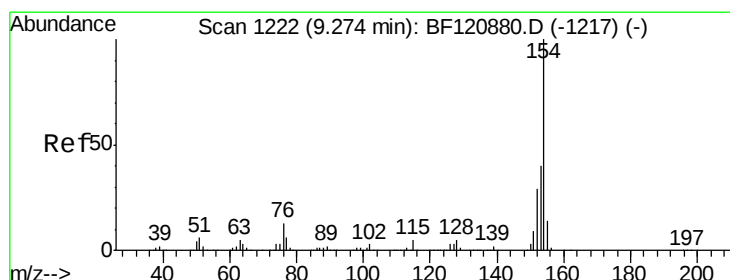
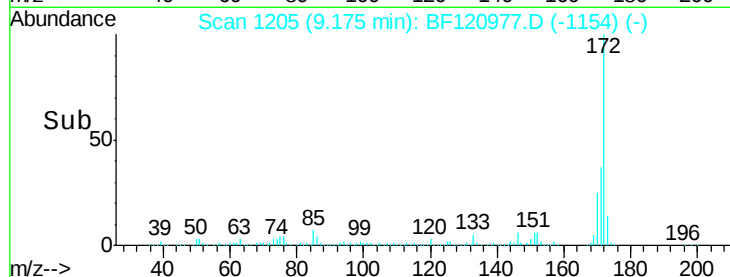
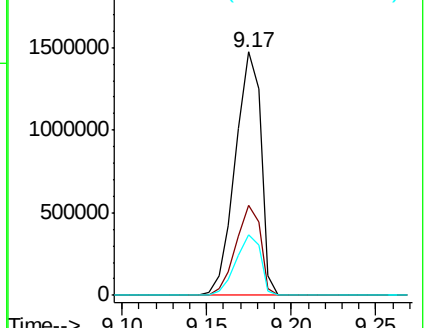
170 24.9 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

2000000 Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 38.754 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

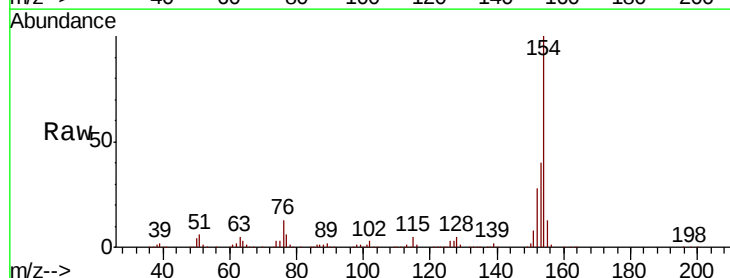
Tgt Ion:154 Resp: 1016771

Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

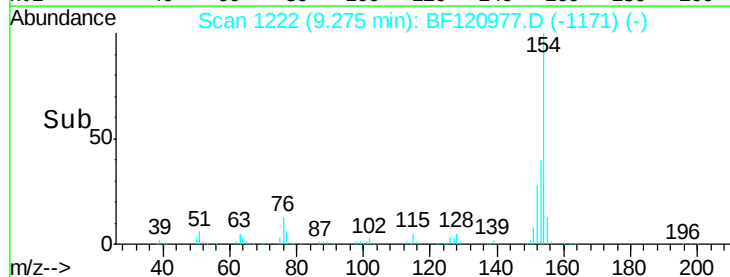
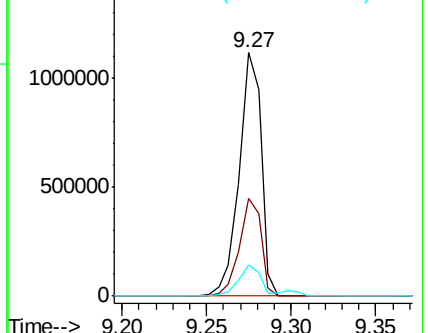
76 13.0 0.0 33.1

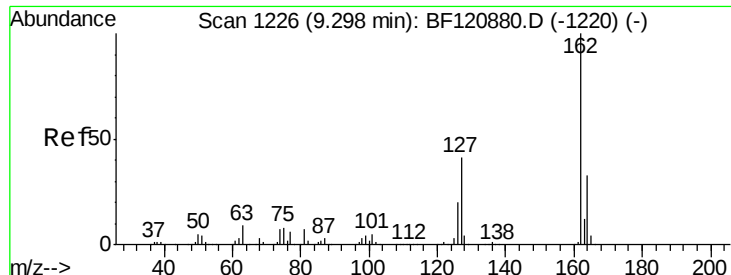


Abundance Ion 154.00 (153.70 to 154.70): E

1500000 Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

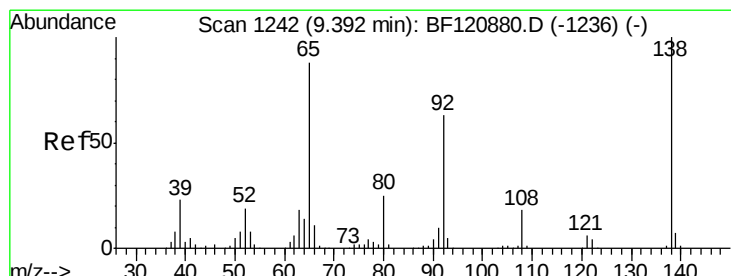
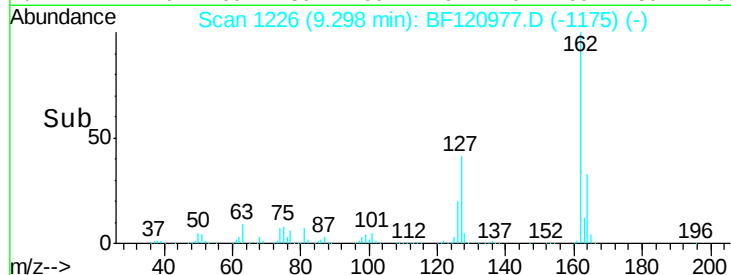
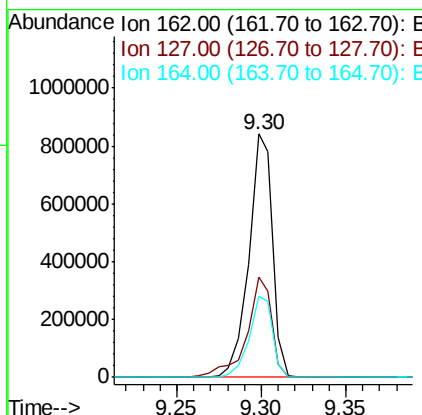
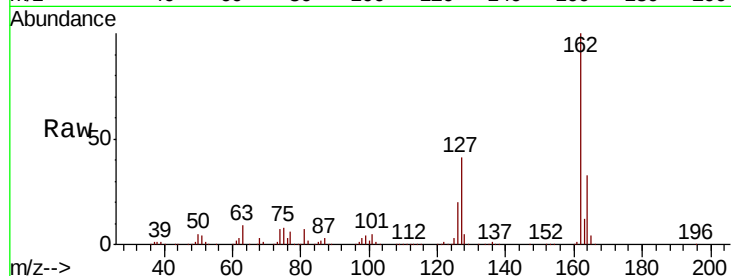




#47
 2-Chloronaphthalene
 Concen: 38.442 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF120977.D
 Acq: 23 Jul 2020 11:54

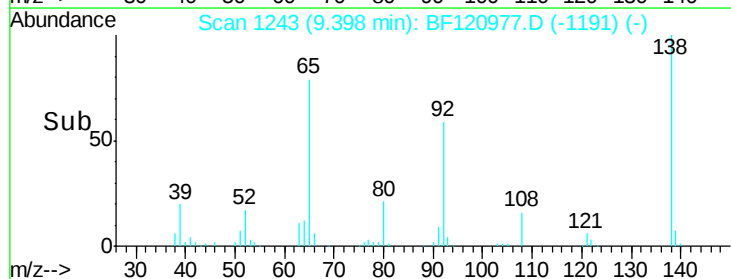
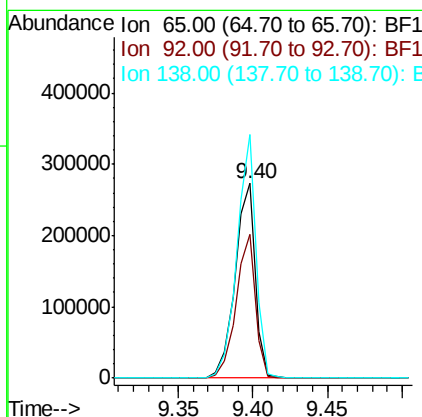
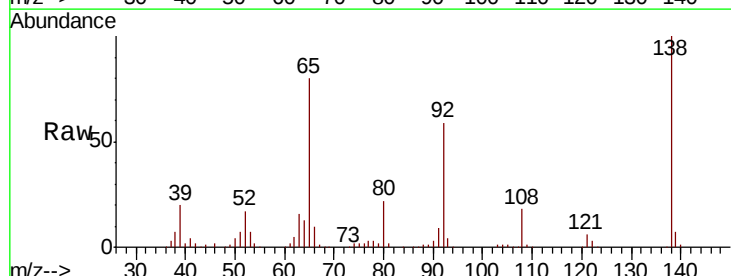
Instrument :
 BNA_F
 ClientSampleId :

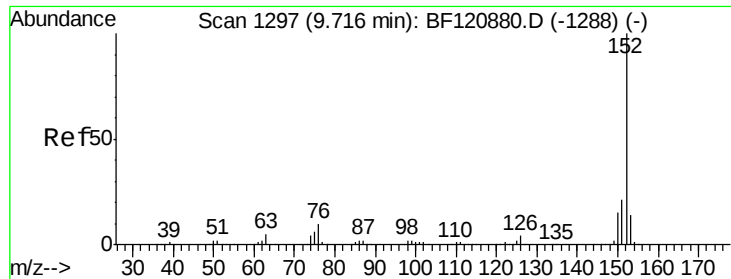
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.3	49.9
164	33.4	26.6	39.8



#48
 2-Nitroaniline
 Concen: 40.179 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120977.D
 Acq: 23 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.2	57.0	85.4
138	125.2	90.4	135.6





#49

Acenaphthylene

Concen: 38.491 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

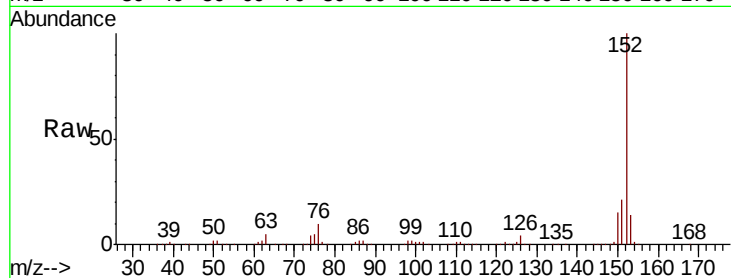
Tot Ion:152 Resp: 1279111

Ion Ratio Lower Upper

152 100

151 20.8 16.6 25.0

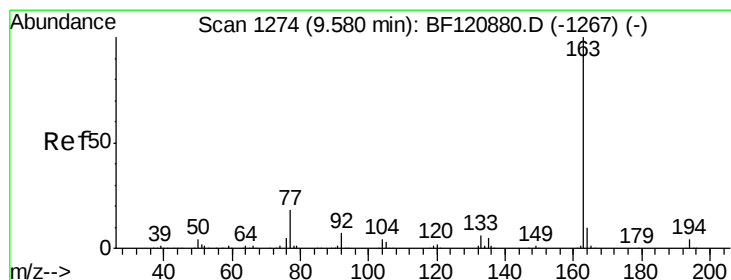
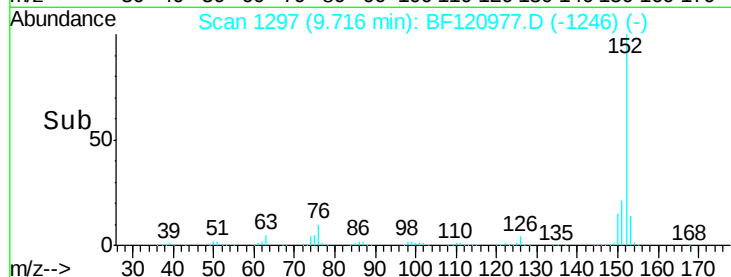
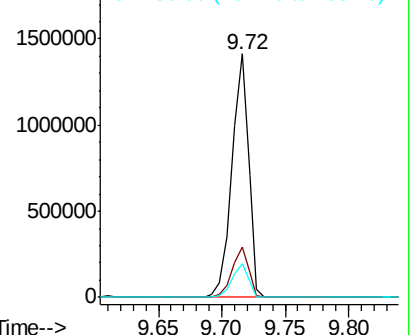
153 13.7 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.660 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

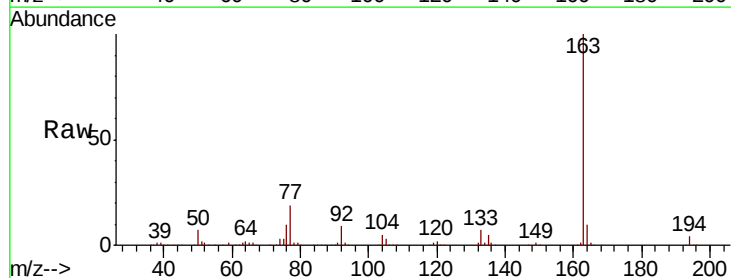
Tgt Ion:163 Resp: 959306

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

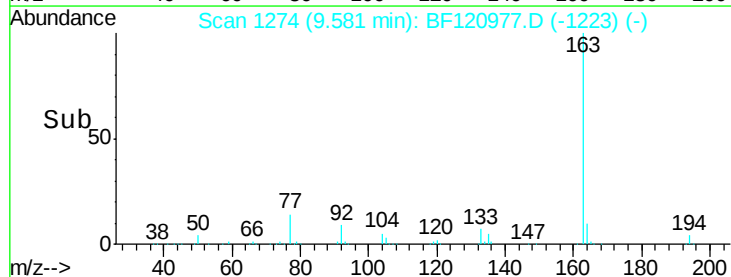
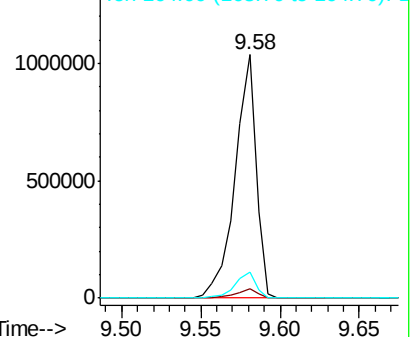
164 10.4 7.9 11.9

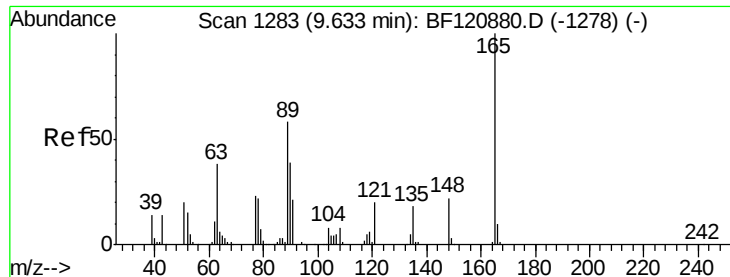


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

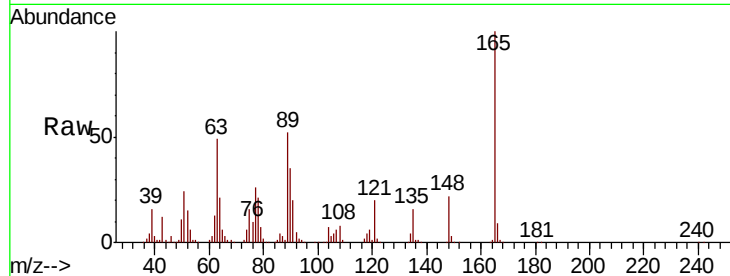




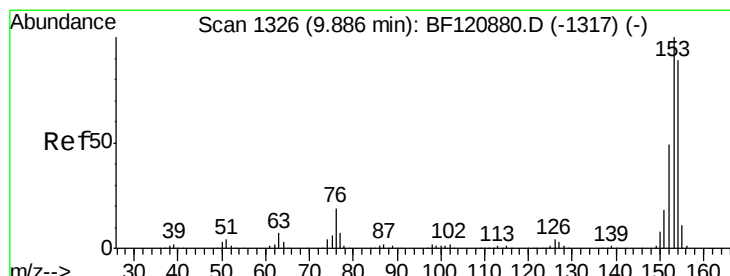
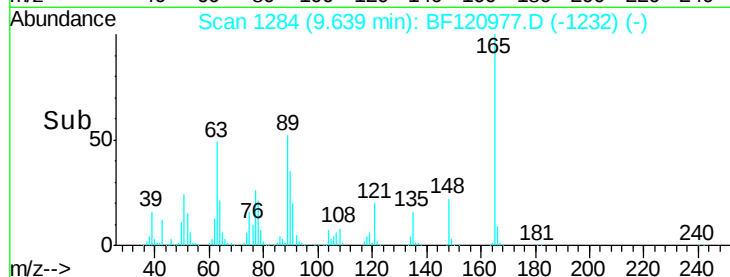
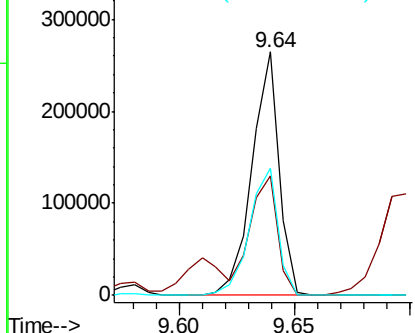
#51
 2,6-Dinitrotoluene
 Concen: 40.786 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.01 min
 Lab File: BF120977.D
 Acq: 23 Jul 2020 11:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 217430
 Ion Ratio Lower Upper
 165 100
 63 49.3 45.4 68.2
 89 52.4 47.0 70.4

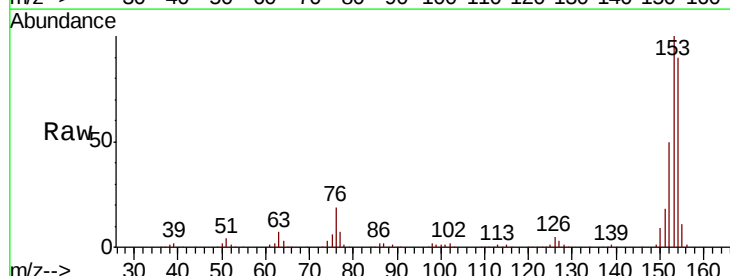


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

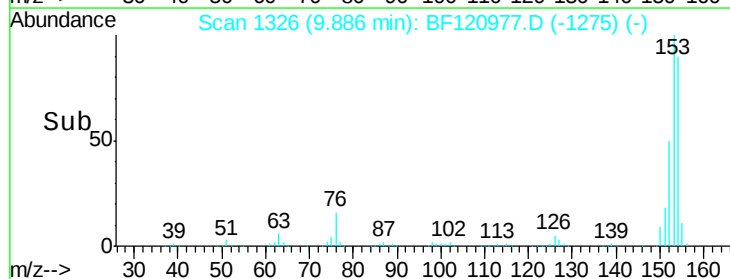
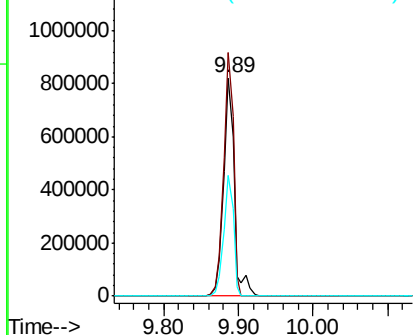


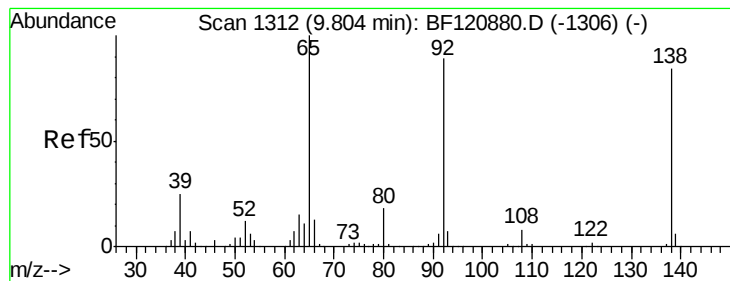
#52
 Acenaphthene
 Concen: 38.790 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF120977.D
 Acq: 23 Jul 2020 11:54

Tgt Ion:154 Resp: 819536
 Ion Ratio Lower Upper
 154 100
 153 111.4 89.5 134.3
 152 55.3 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 39.330 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

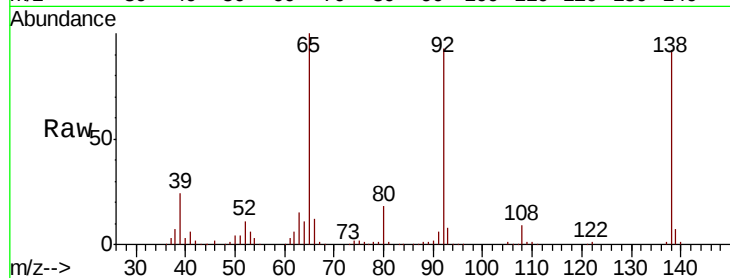
Tot Ion:138 Resp: 262966

Ion Ratio Lower Upper

138 100

108 9.8 7.9 11.9

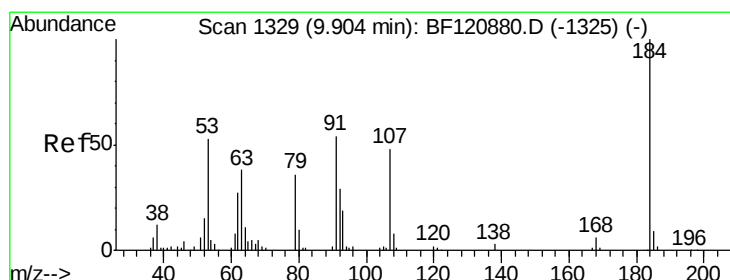
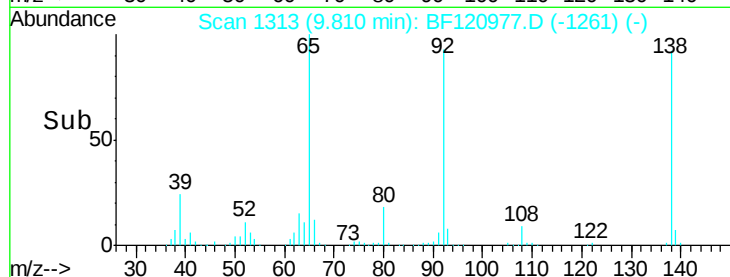
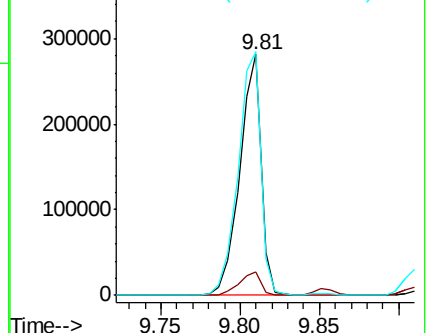
92 101.2 85.3 127.9



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: 37.458 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

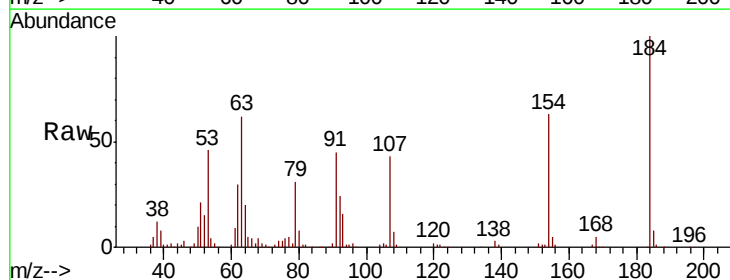
Tgt Ion:184 Resp: 102749

Ion Ratio Lower Upper

184 100

63 62.3 57.9 86.9

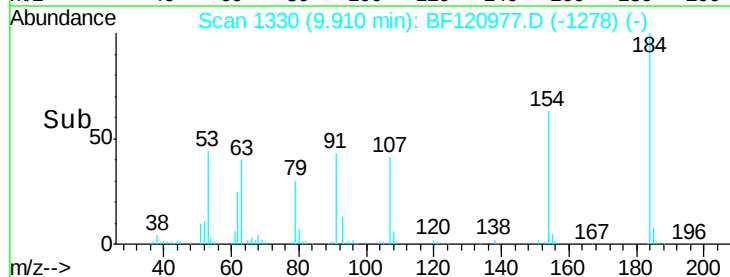
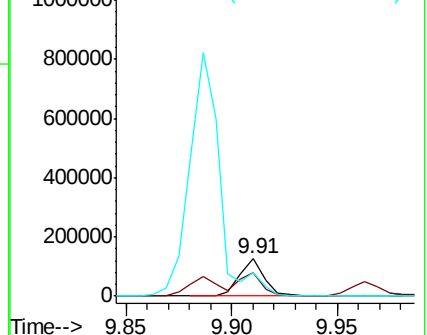
154 62.9 52.6 78.8

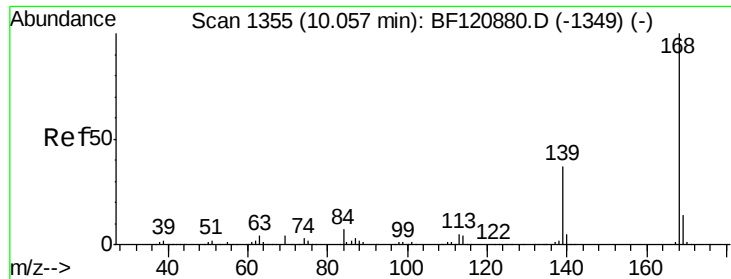


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

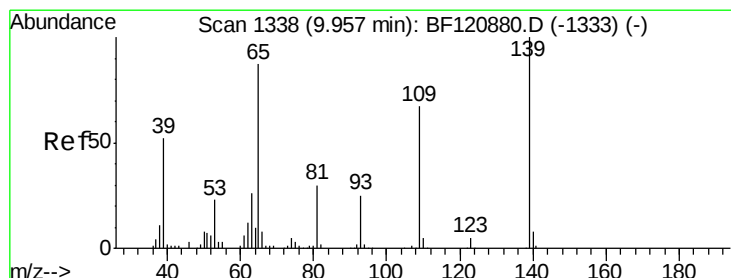
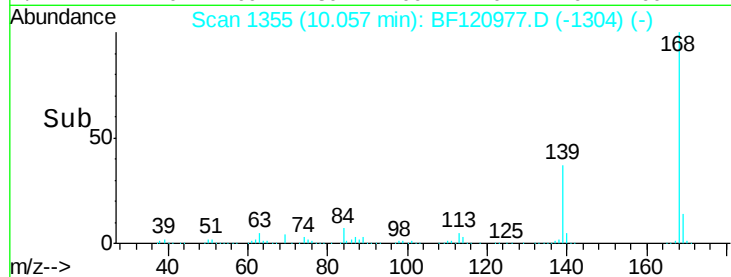
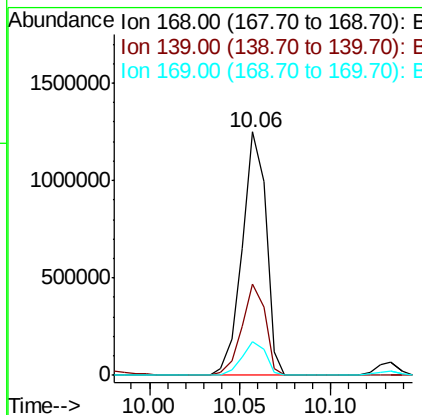
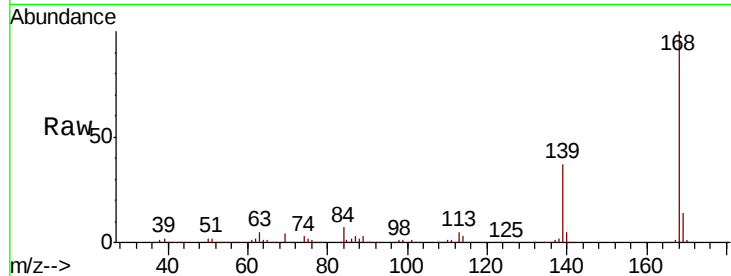




#55
Dibenzenofuran
Concen: 37.616 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

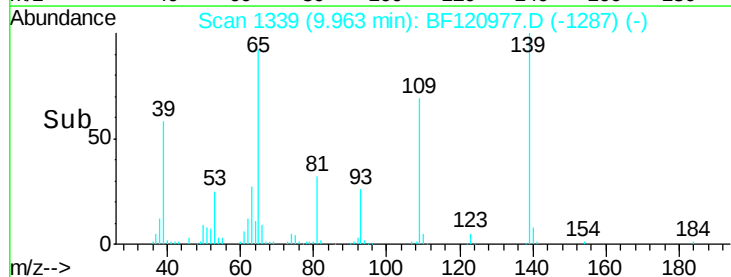
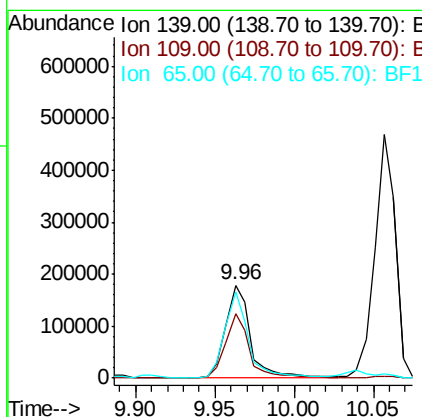
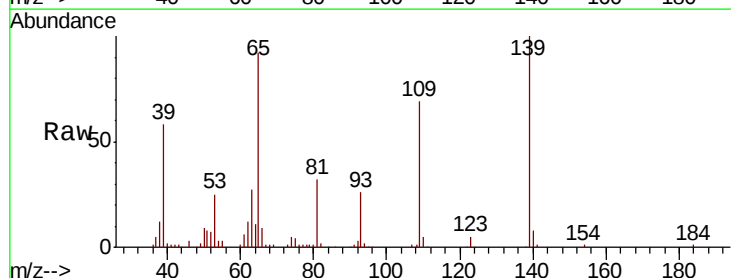
Instrument :
BNA_F
ClientSampleId :

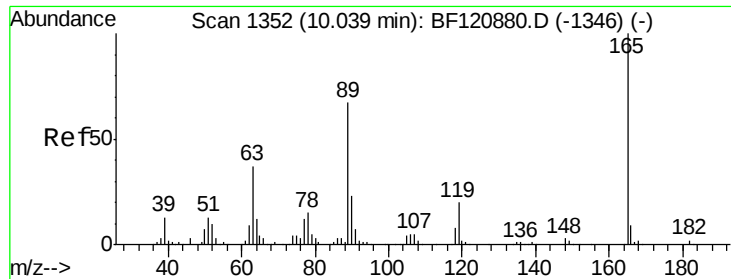
Tot Ion:168 Resp: 1149247
Ion Ratio Lower Upper
168 100
139 37.5 29.7 44.5
169 14.0 11.1 16.7



#56
4-Nitrophenol
Concen: 38.571 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Tgt Ion:139 Resp: 195898
Ion Ratio Lower Upper
139 100
109 69.1 47.3 87.3
65 92.2 67.2 107.2

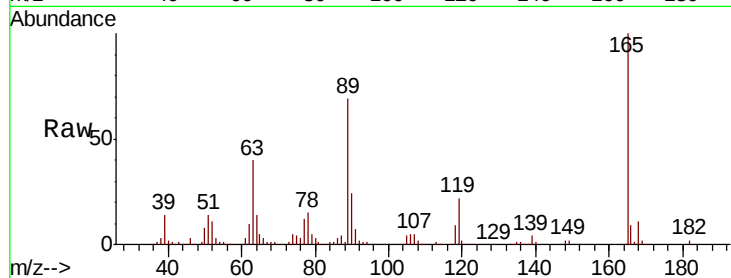




#57
2,4-Dinitrotoluene
Concen: 41.376 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.1	29.4	44.2
89	68.8	53.4	80.0
182	2.3	1.8	2.6



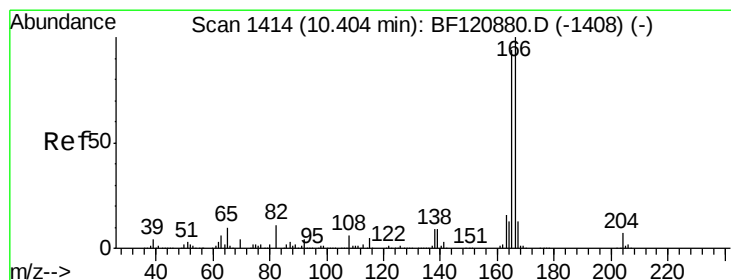
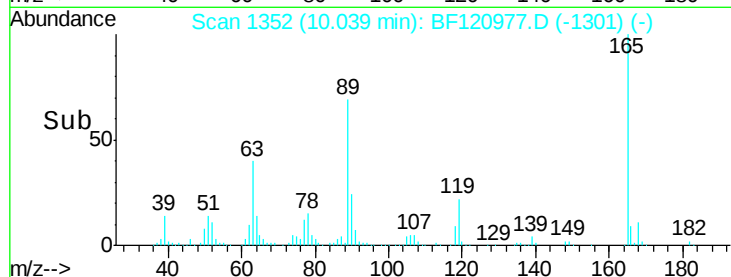
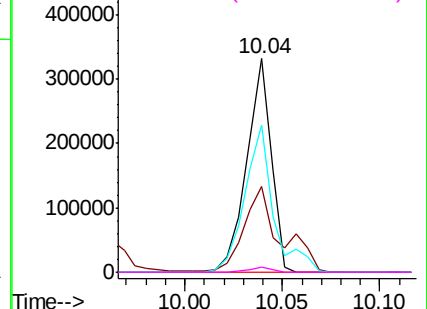
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

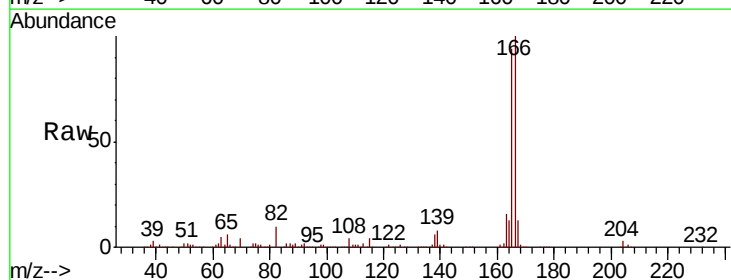
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 35.686 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.4	75.4	113.0
167	13.3	10.6	15.8

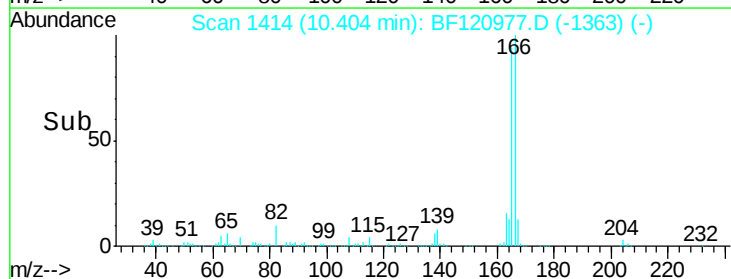
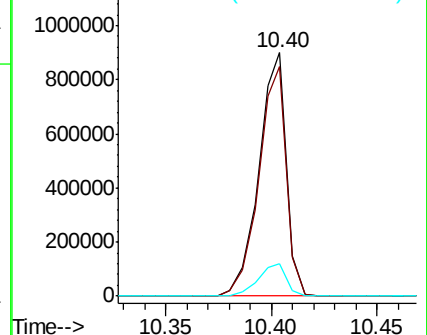


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

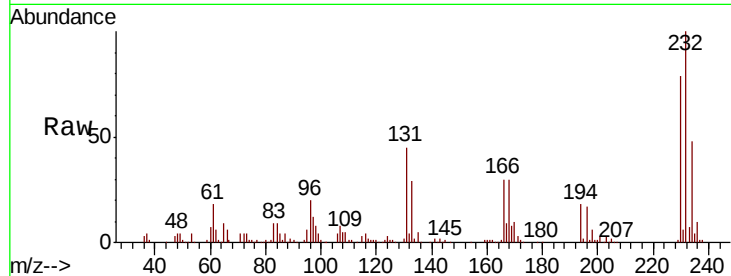




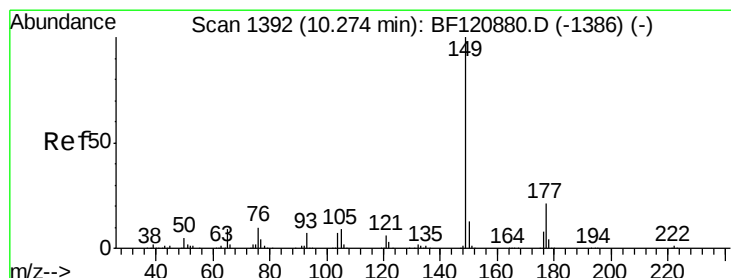
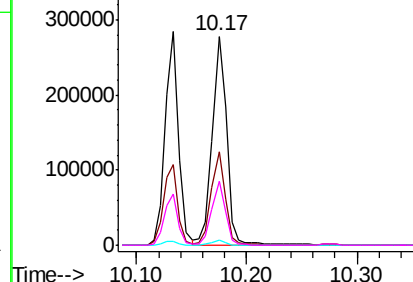
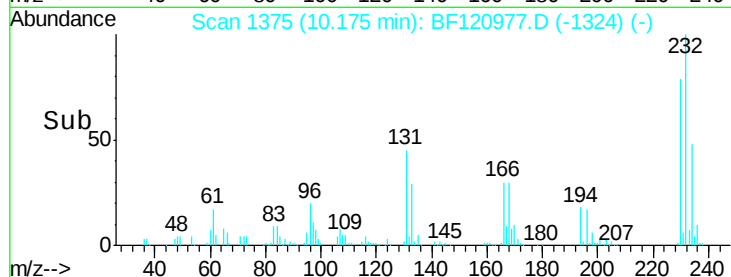
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.167 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF120977.D
 Acq: 23 Jul 2020 11:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.6	37.1	55.7
130	2.1	1.7	2.5
166	29.4	24.2	36.4

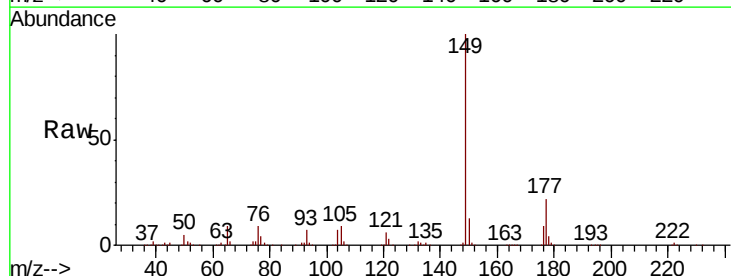


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

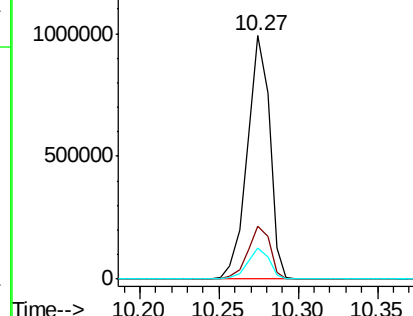
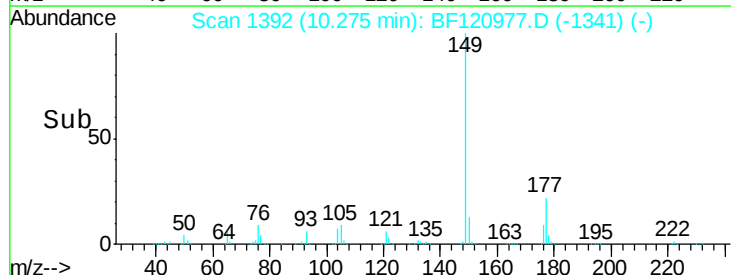


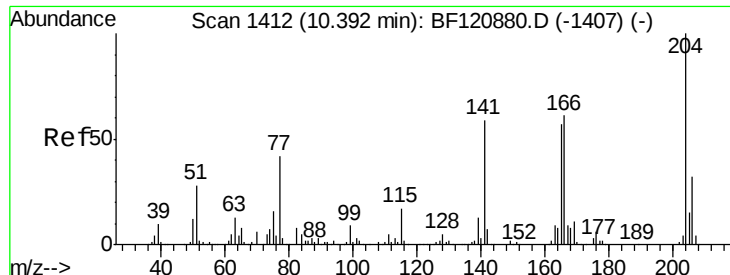
#60
 Diethylphthalate
 Concen: 38.536 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF120977.D
 Acq: 23 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.1	25.7
150	12.8	10.3	15.5



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

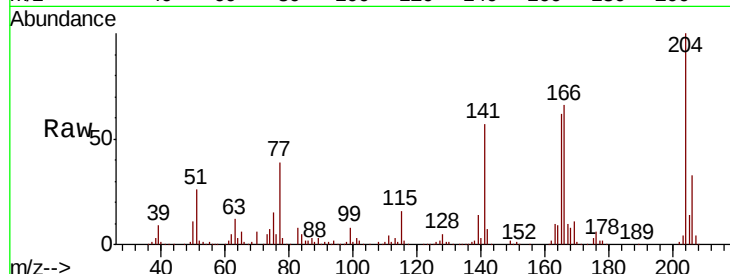




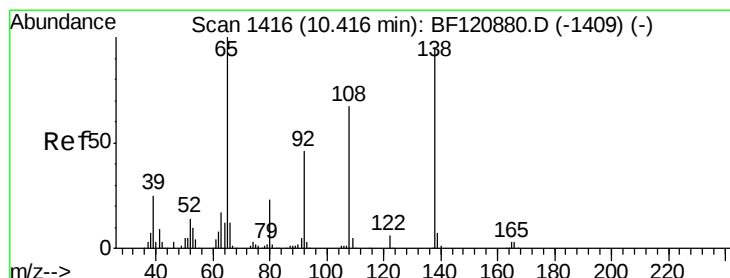
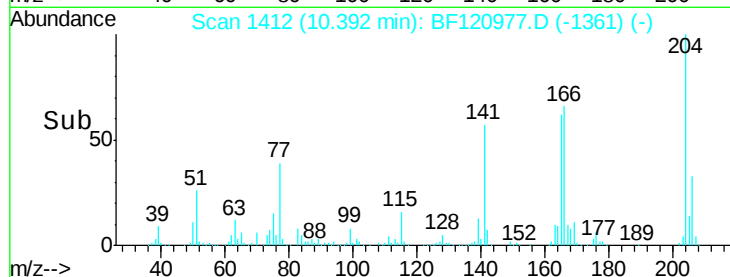
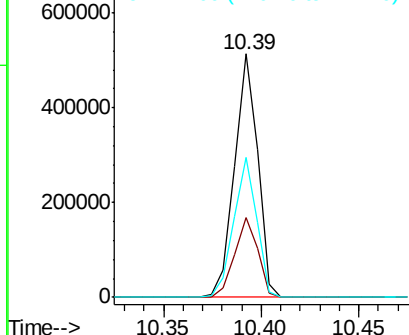
#61
4-Chlorophenyl-phenylether
Concen: 34.676 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 421441
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 57.3 47.2 70.8

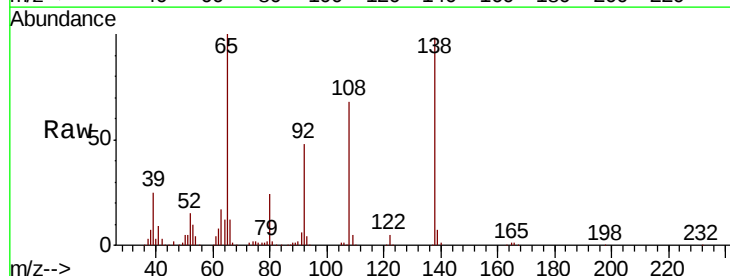


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

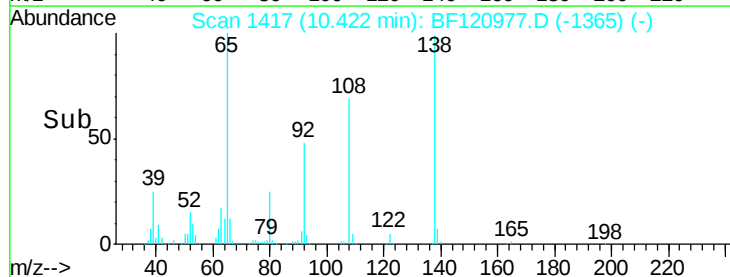
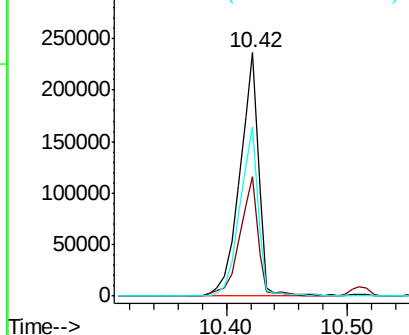


#62
4-Nitroaniline
Concen: 39.555 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Tgt Ion:138 Resp: 257620
Ion Ratio Lower Upper
138 100
92 48.9 28.6 68.6
108 69.7 51.1 91.1



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

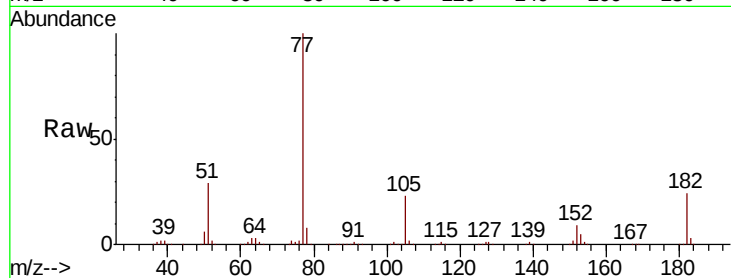




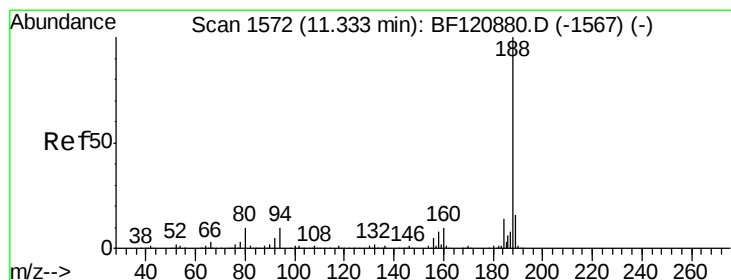
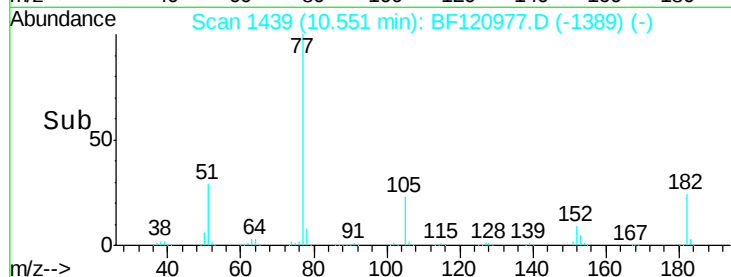
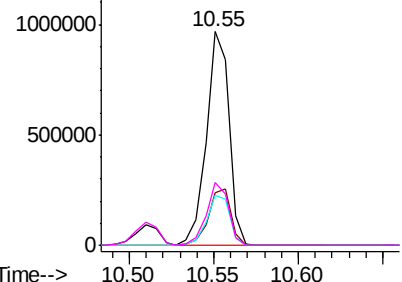
#63
Azobenzene
Concen: 37.637 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	899319
Ion	Ratio	Lower	Upper
77	100		
182	24.3	7.8	47.8
105	23.4	4.4	44.4
51	29.3	8.0	48.0

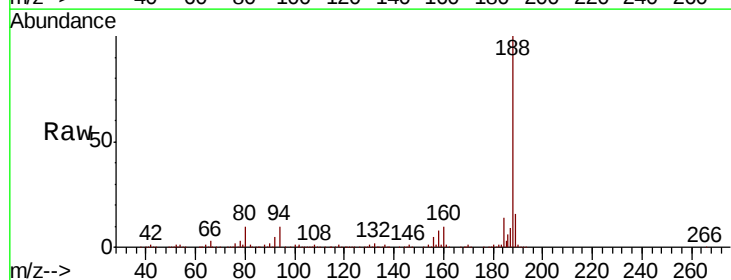


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

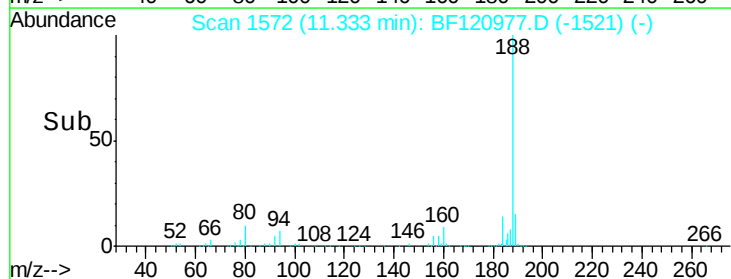
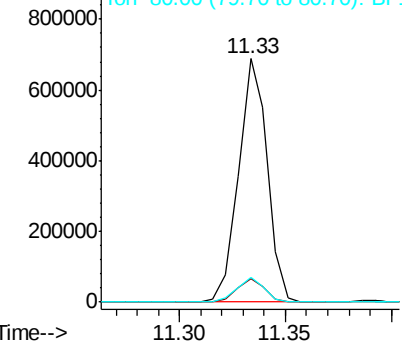


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Tgt Ion:	188	Resp:	650840
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.0	12.0
80	10.0	8.3	12.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

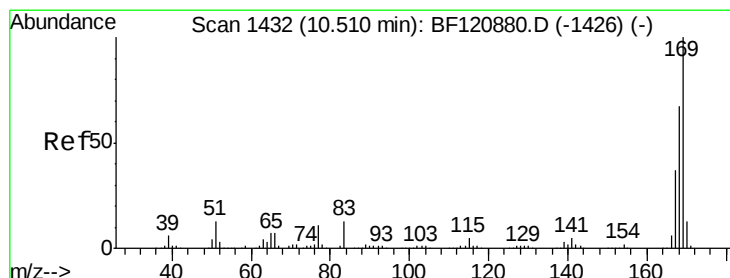
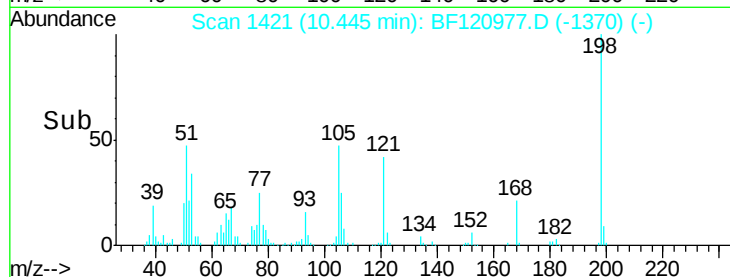
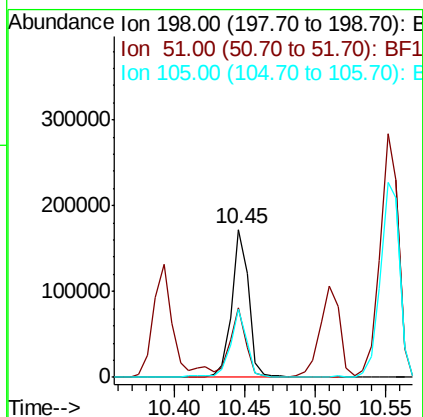
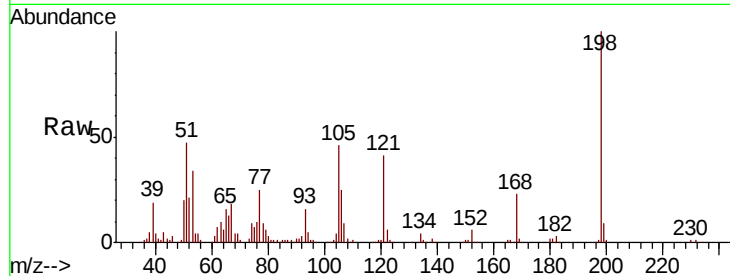




#65
4,6-Dinitro-2-methylphenol
Concen: 38.874 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

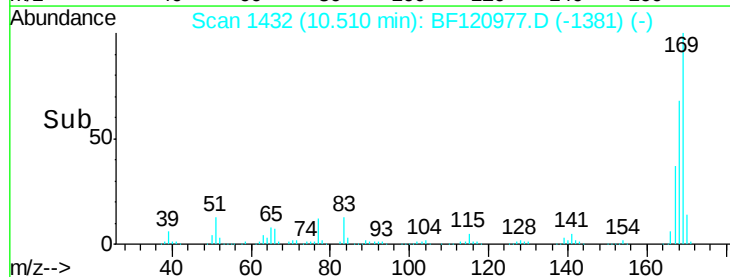
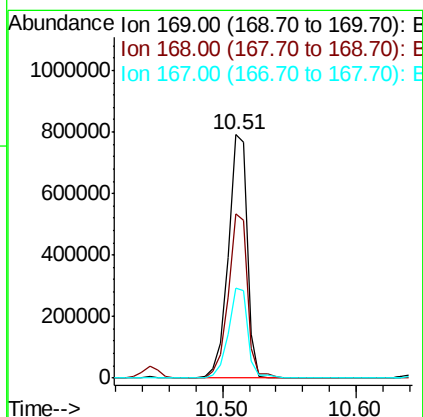
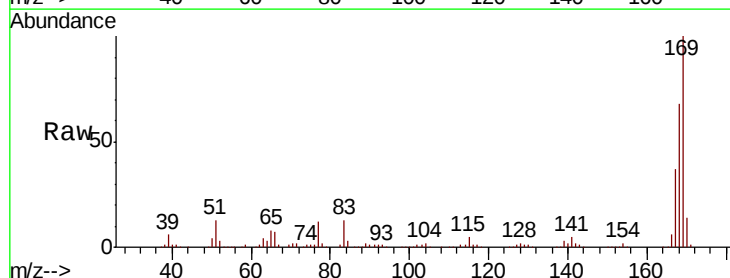
Instrument :
BNA_F
ClientSampleId :

Tot Ion	198	Resp	143438
Ion Ratio	100	Lower	Upper
51	46.8	19.5	59.5
105	46.4	24.4	64.4



#66
n-Nitrosodiphenylamine
Concen: 38.848 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Tgt Ion	169	Resp	795383
Ion Ratio	100	Lower	Upper
168	67.6	53.4	80.0
167	37.2	29.4	44.0

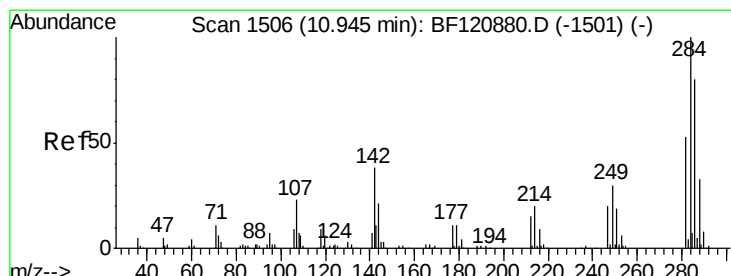
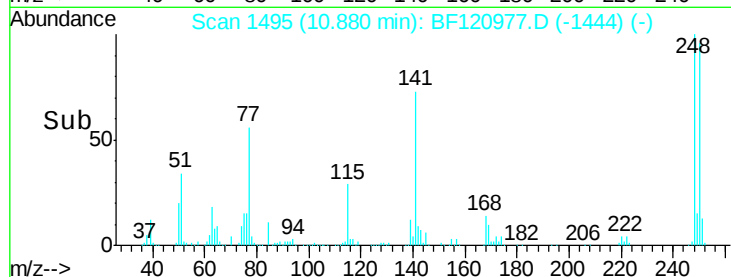
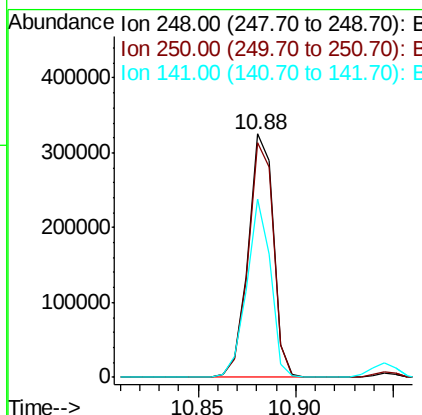
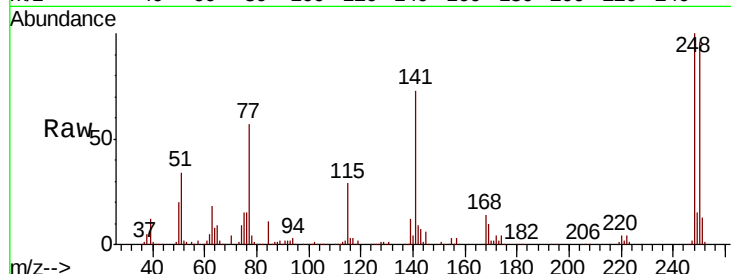




#67
4-Bromophenyl-phenylether
Concen: 40.400 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

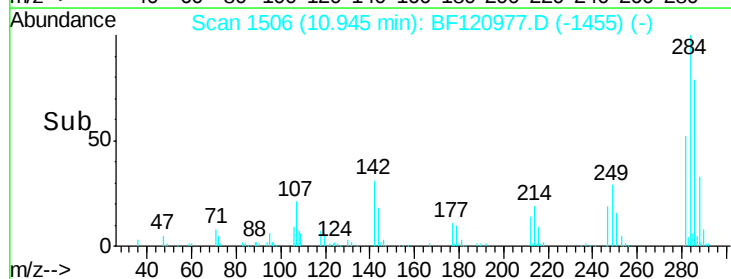
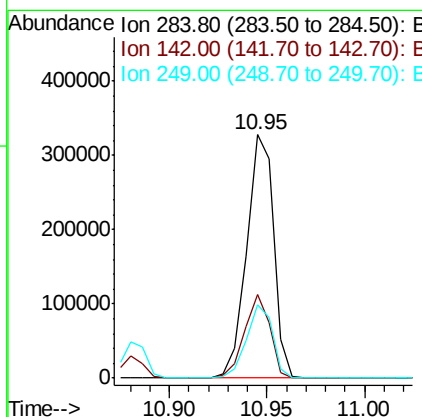
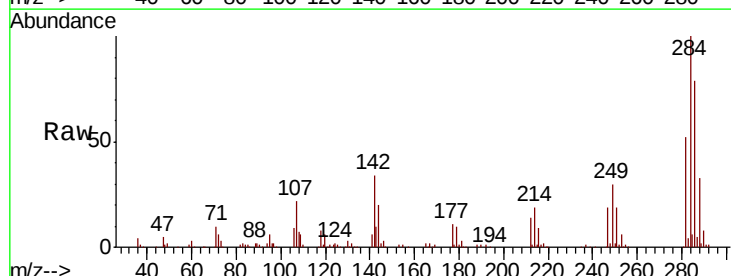
Instrument :
BNA_F
ClientSampleId :

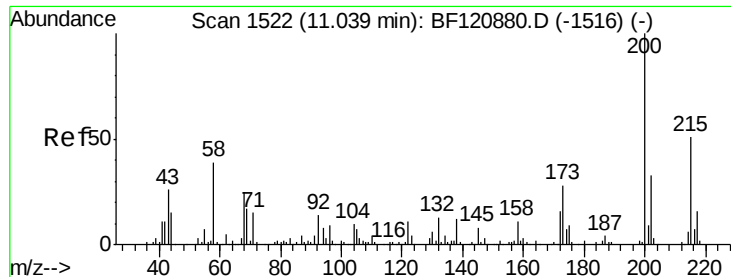
Tot Ion:248 Resp: 293159
Ion Ratio Lower Upper
248 100
250 96.4 77.1 115.7
141 73.3 61.2 91.8



#68
Hexachlorobenzene
Concen: 40.004 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Tgt Ion:284 Resp: 314010
Ion Ratio Lower Upper
284 100
142 34.5 30.2 45.2
249 30.1 24.2 36.2

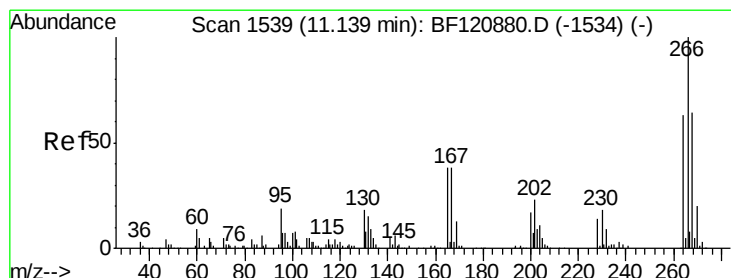
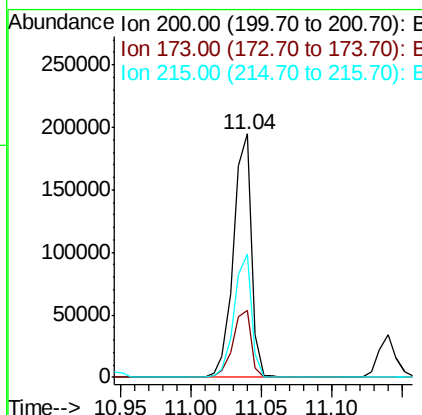
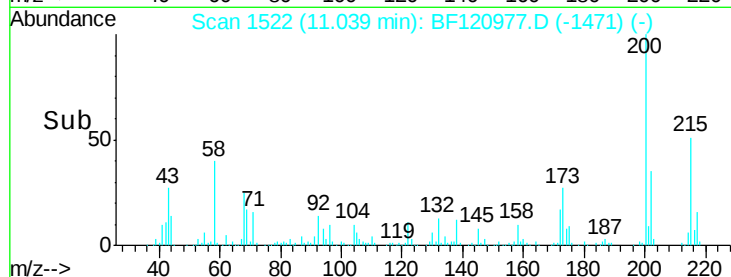
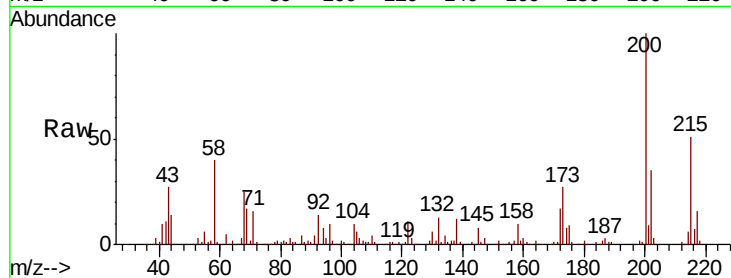




#69
 Atrazine
 Concen: 34.241 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF120977.D
 Acq: 23 Jul 2020 11:54

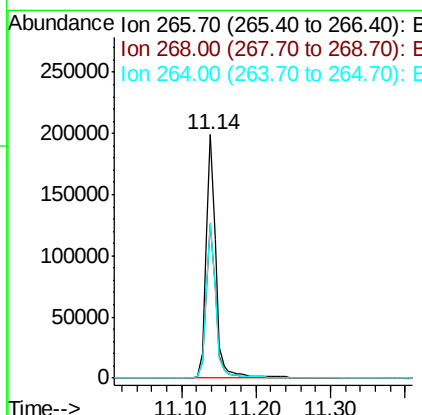
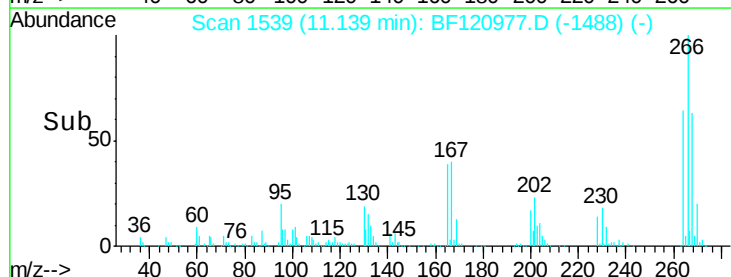
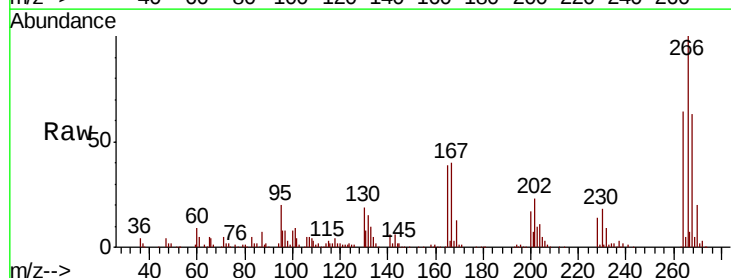
Instrument :
 BNA_F
 ClientSampled :

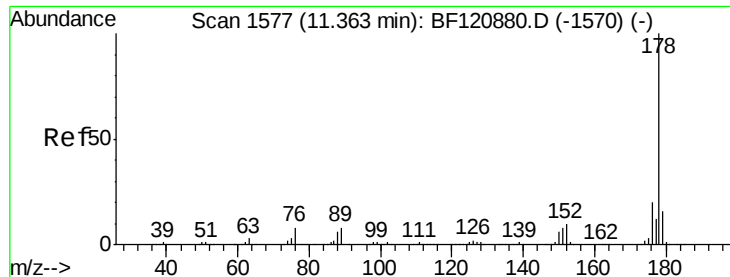
Tot Ion:200 Resp: 173620
 Ion Ratio Lower Upper
 200 100
 173 27.4 8.0 48.0
 215 50.8 31.5 71.5



#70
 Pentachlorophenol
 Concen: 40.960 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF120977.D
 Acq: 23 Jul 2020 11:54

Tgt Ion:266 Resp: 184191
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 63.8 50.2 75.2





#71

Phenanthrene

Concen: 37.490 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

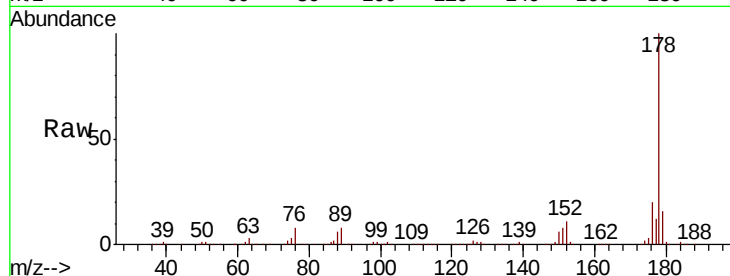
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1254905

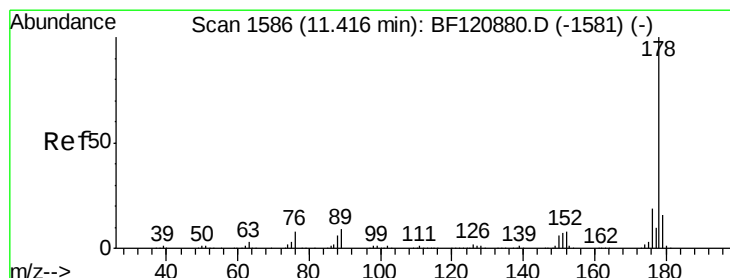
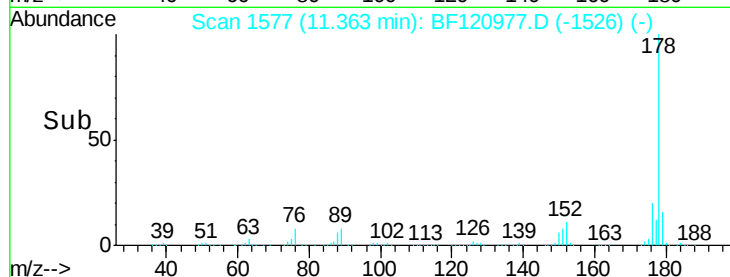
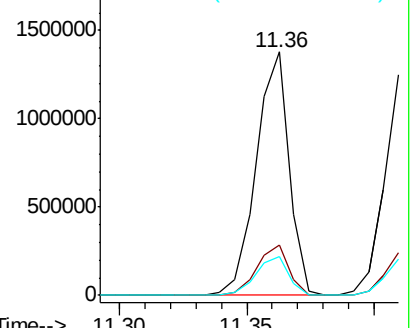
Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	15.7	12.8	19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.520 ng

RT: 11.42 min Scan# 1586

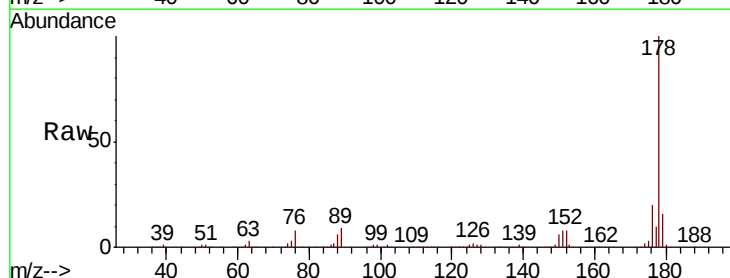
Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Tgt Ion:178 Resp: 1294734

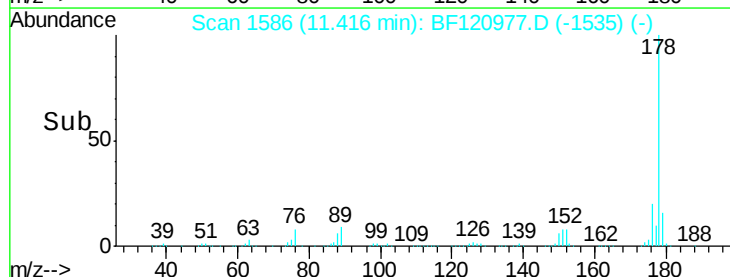
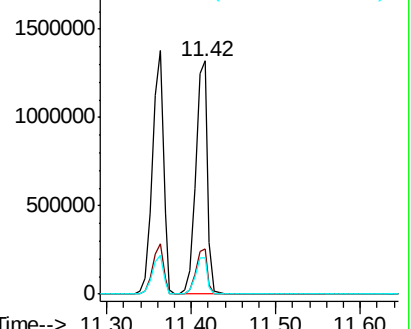
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.8	12.8	19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

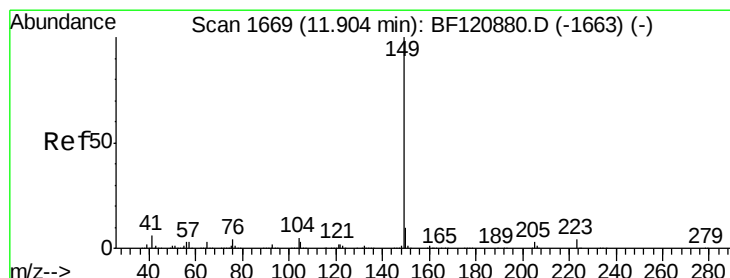
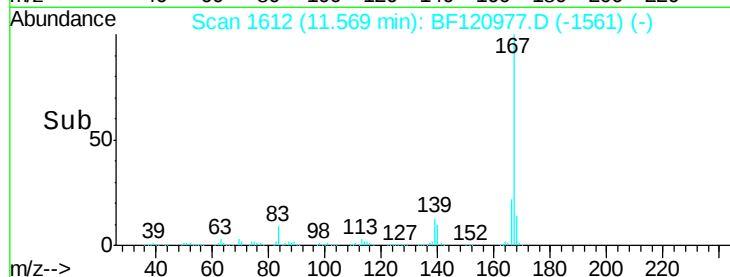
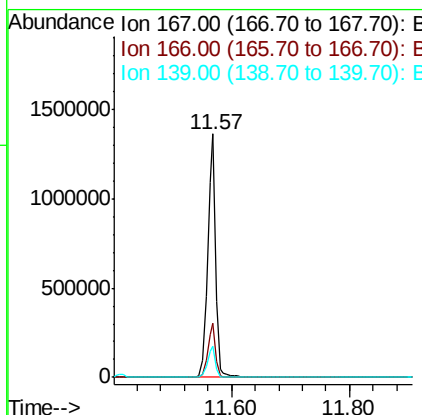
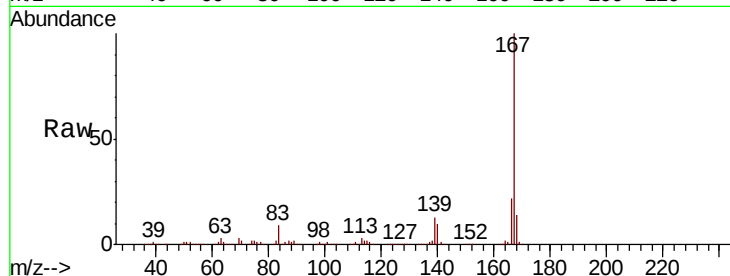




#73
 Carbazole
 Concen: 37.958 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120977.D
 Acq: 23 Jul 2020 11:54

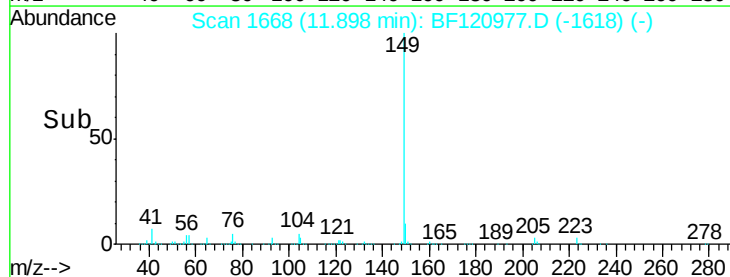
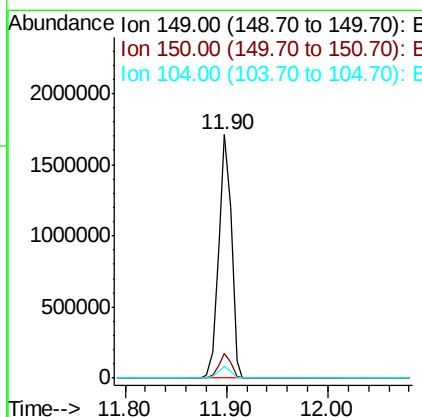
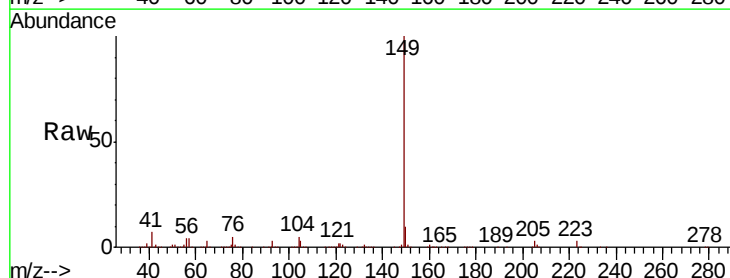
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1266124
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.7 26.5
 139 12.9 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 38.550 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF120977.D
 Acq: 23 Jul 2020 11:54

Tgt Ion:149 Resp: 1483907
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.6
 104 5.1 3.8 5.6





#75

Fluoranthene

Concen: 37.882 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

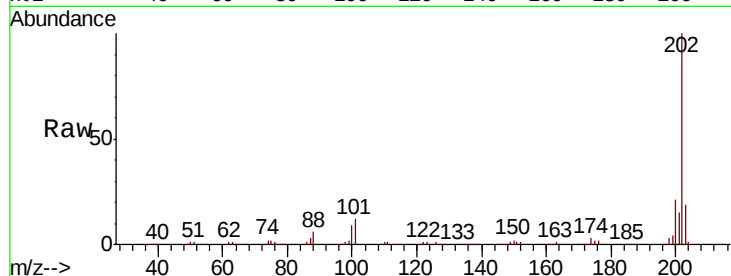
Tot Ion:202 Resp: 1405494

Ion Ratio Lower Upper

202 100

101 12.2 0.0 32.7

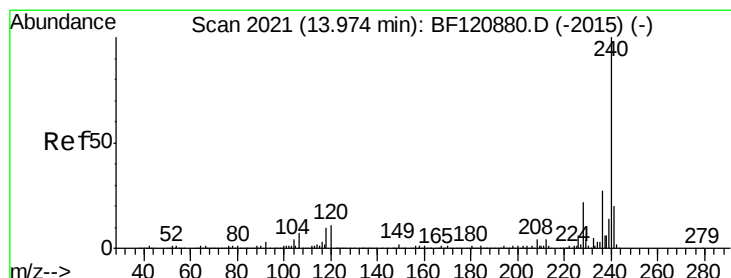
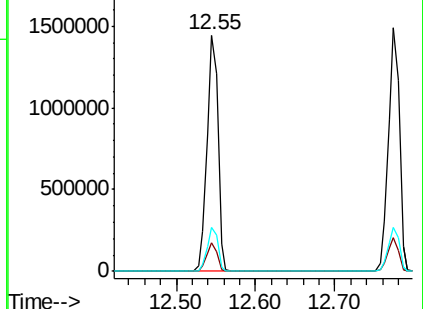
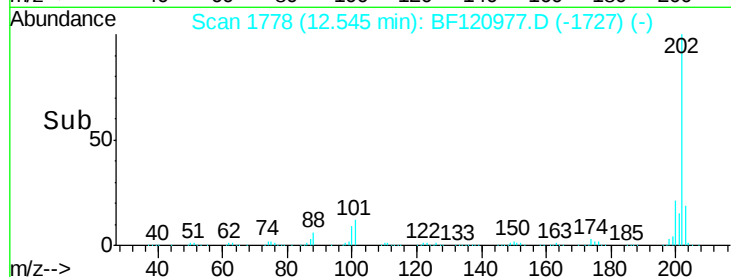
203 18.5 0.0 38.0



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: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

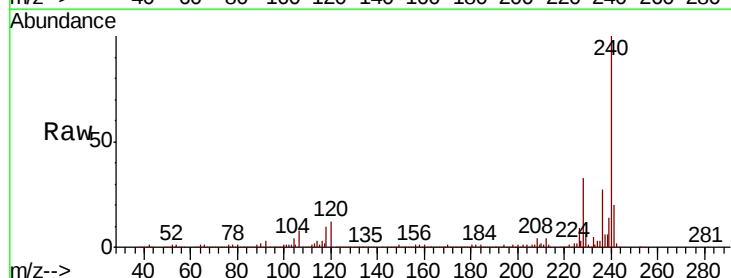
Tgt Ion:240 Resp: 513869

Ion Ratio Lower Upper

240 100

120 11.8 9.0 13.4

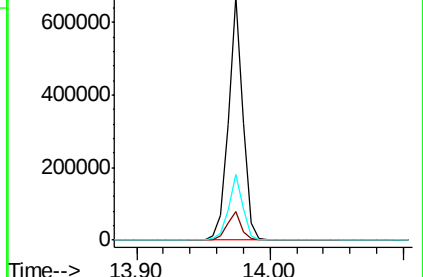
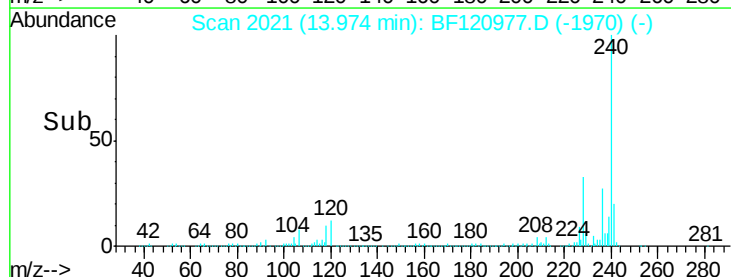
236 27.0 21.7 32.5

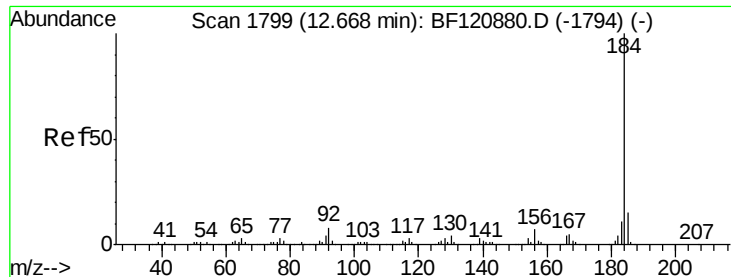


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.249 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

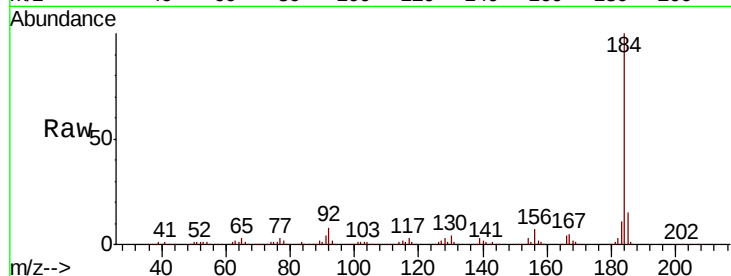
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 516770

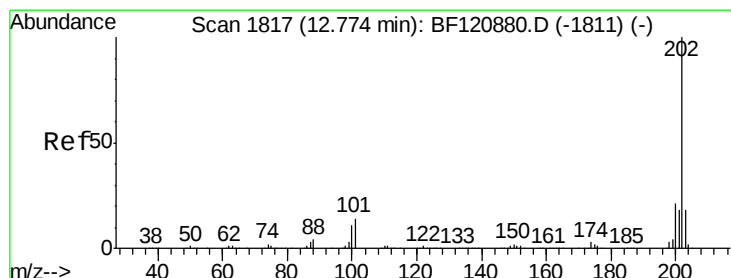
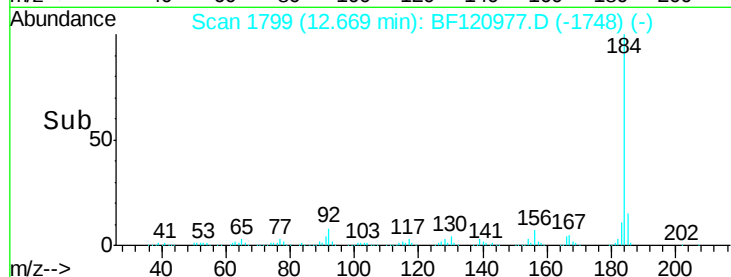
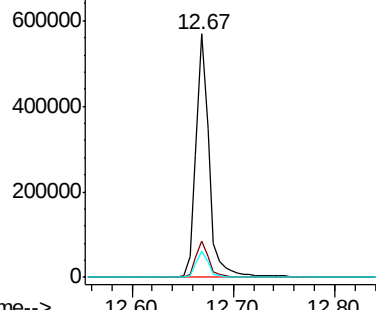
Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.2	18.2
183	10.8	8.5	12.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.173 ng

RT: 12.77 min Scan# 1817

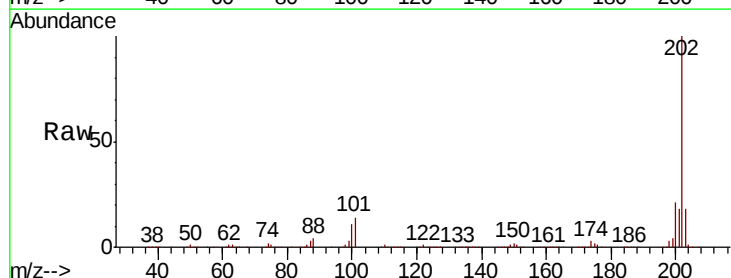
Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Tgt Ion:202 Resp: 1459508

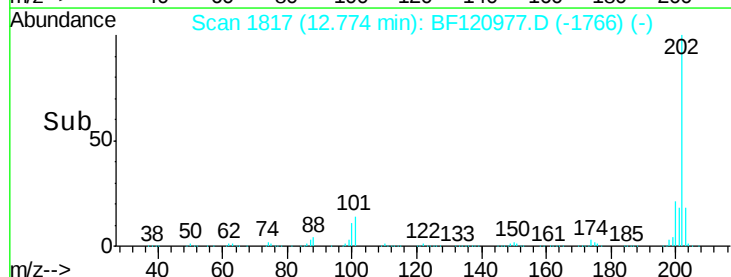
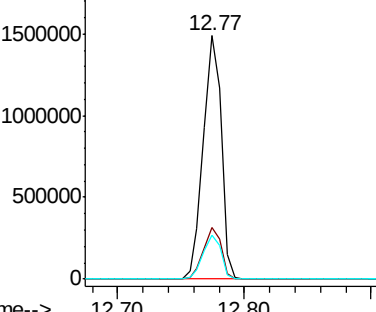
Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	18.2	14.4	21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.765 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

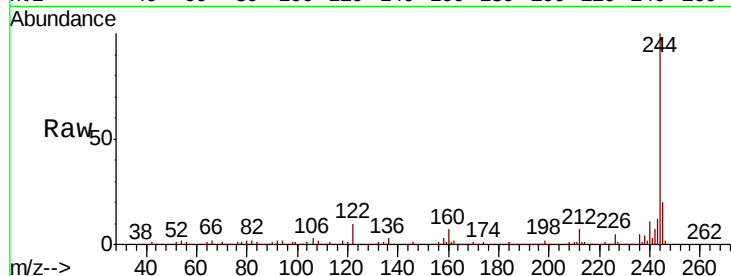
Tot Ion:244 Resp: 1720124

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

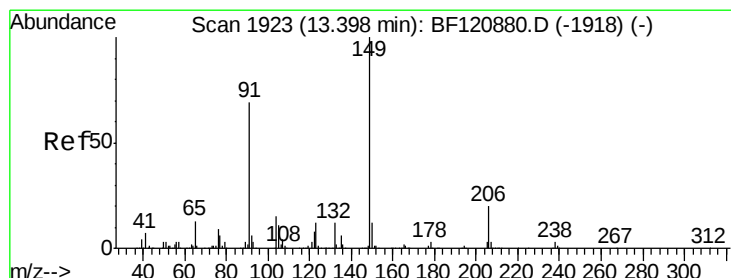
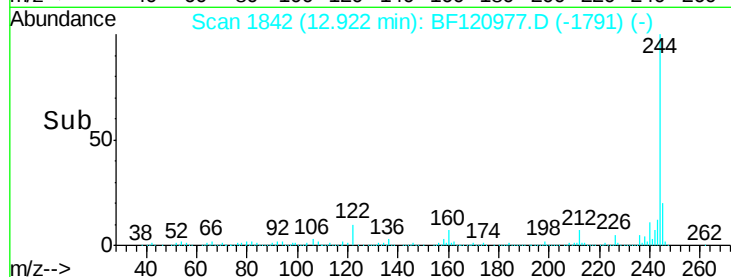
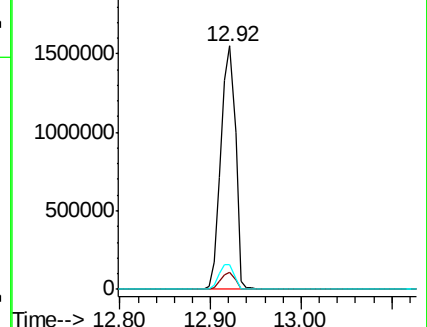
122 10.3 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.274 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120977.D

Acq: 23 Jul 2020 11:54

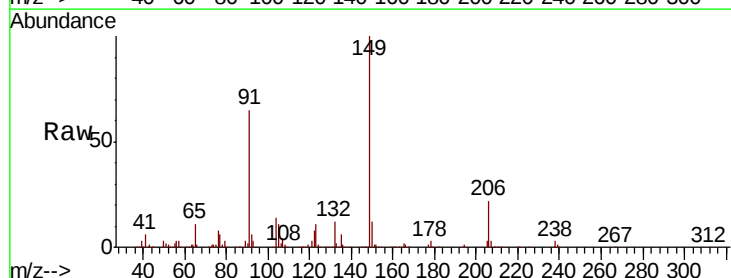
Tgt Ion:149 Resp: 652262

Ion Ratio Lower Upper

149 100

91 64.5 55.1 82.7

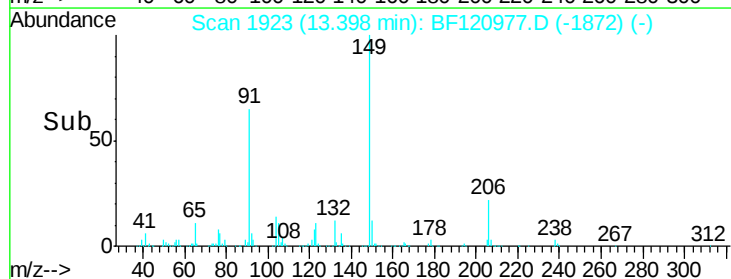
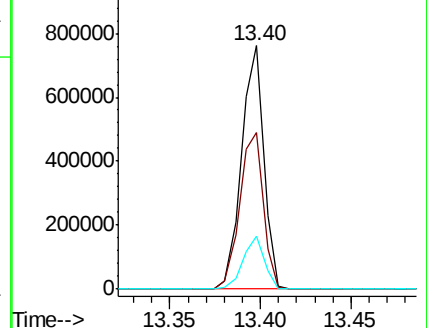
206 21.7 16.1 24.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

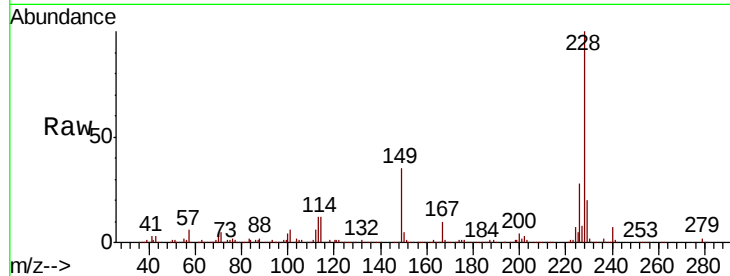




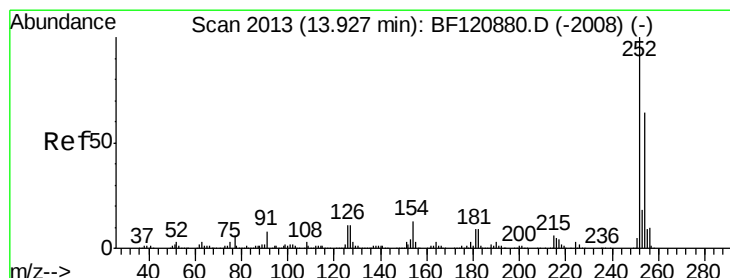
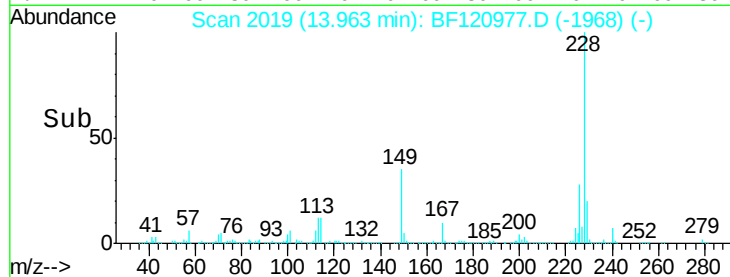
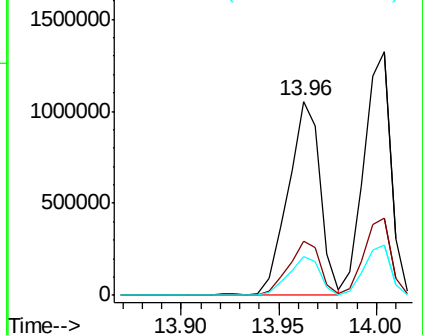
#81
Benzo(a)anthracene
Concen: 38.326 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1192598
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 19.7 16.1 24.1

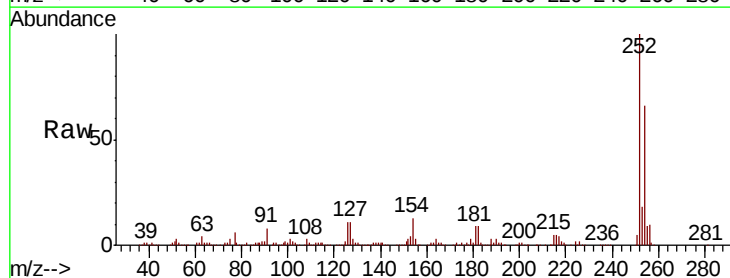


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

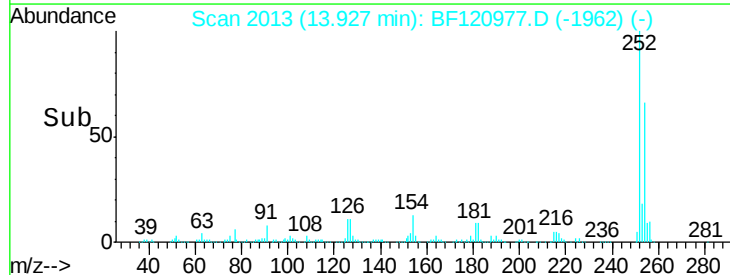
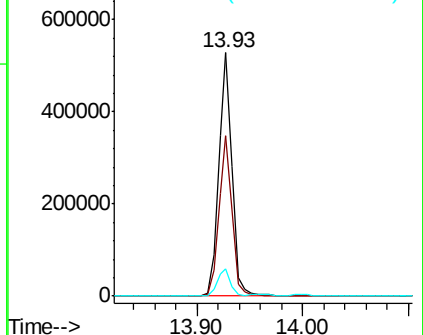


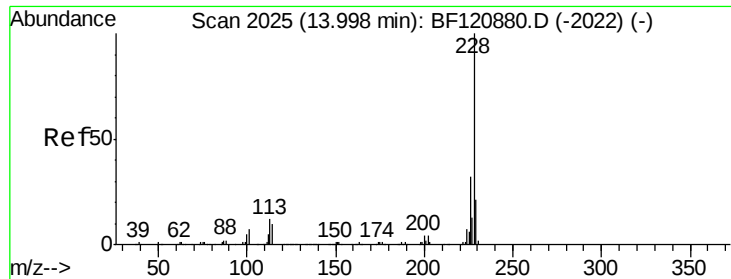
#82
3,3'-Dichlorobenzidine
Concen: 40.295 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Tgt Ion:252 Resp: 473047
Ion Ratio Lower Upper
252 100
254 65.8 51.2 76.8
126 11.2 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

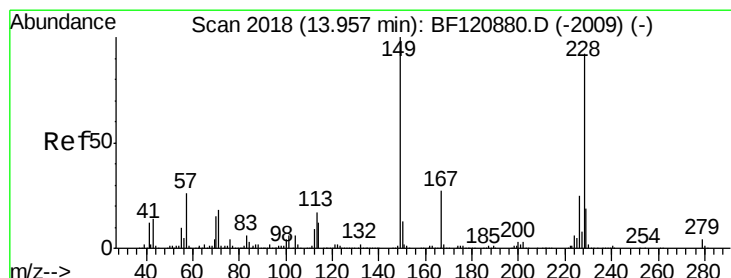
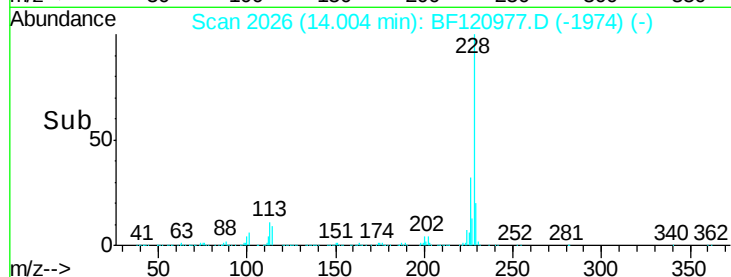
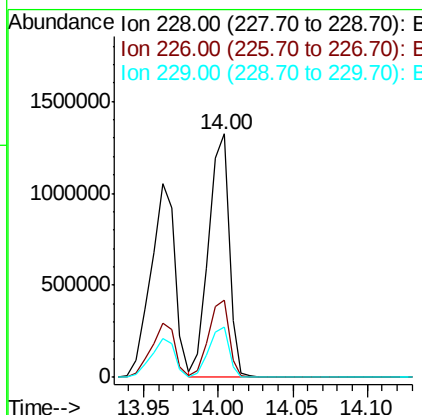
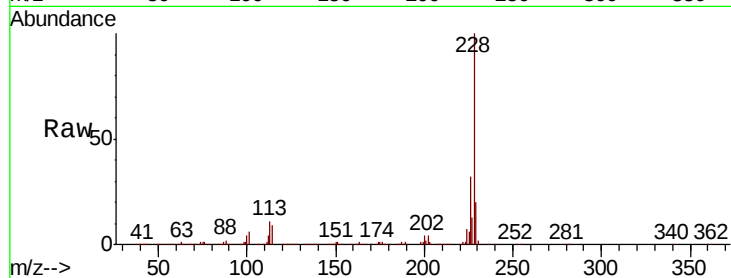




#83
 Chrvsene
 Concen: 38.674 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF120977.D
 Acq: 23 Jul 2020 11:54

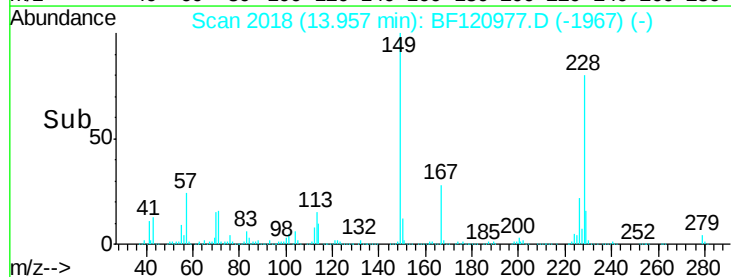
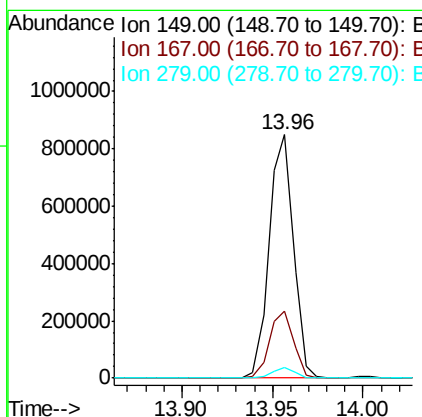
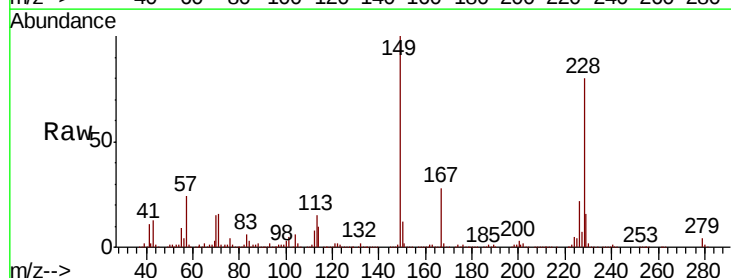
Instrument :
 BNA_F
 ClientSampleId :

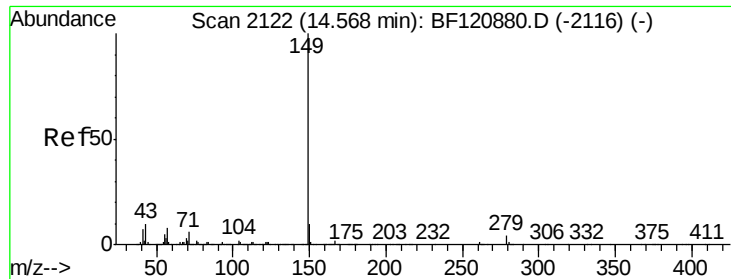
Tot Ion:228 Resp: 1264665
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.6 38.4
 229 20.5 16.8 25.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.534 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF120977.D
 Acq: 23 Jul 2020 11:54

Tgt Ion:149 Resp: 789536
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.9 32.9
 279 4.3 3.0 4.4

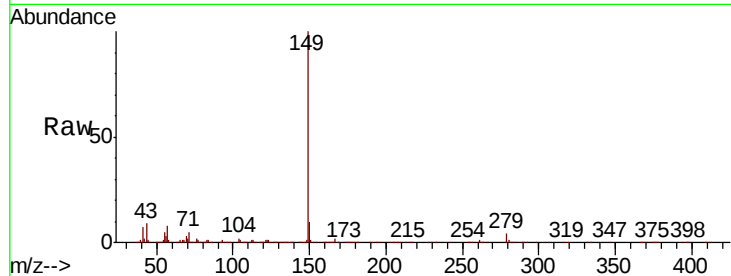




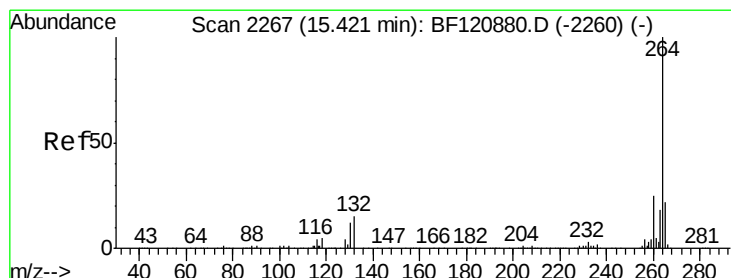
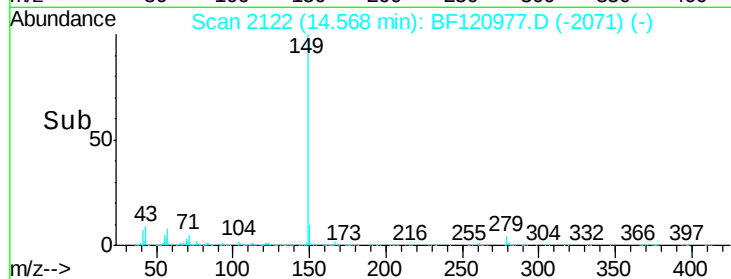
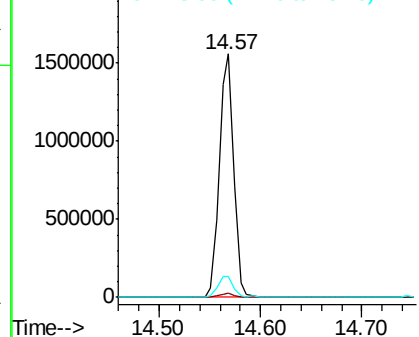
#85
Di-n-octyl phthalate
Concen: 38.533 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1531036
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.3 7.6 11.4

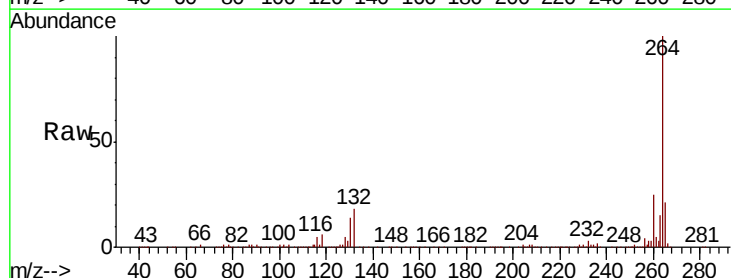


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

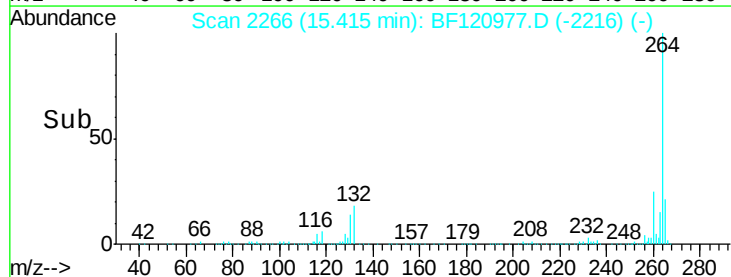
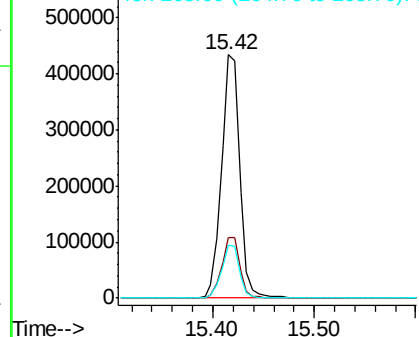


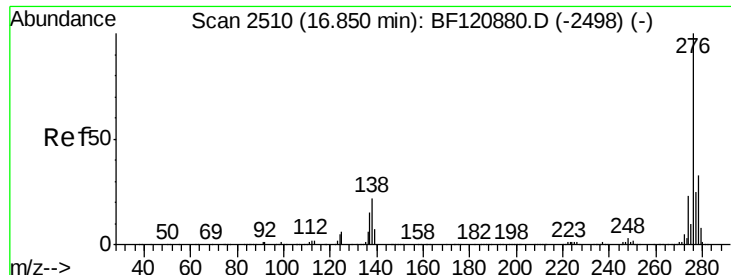
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Tgt Ion:264 Resp: 543363
Ion Ratio Lower Upper
264 100
260 24.9 20.0 30.0
265 21.5 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

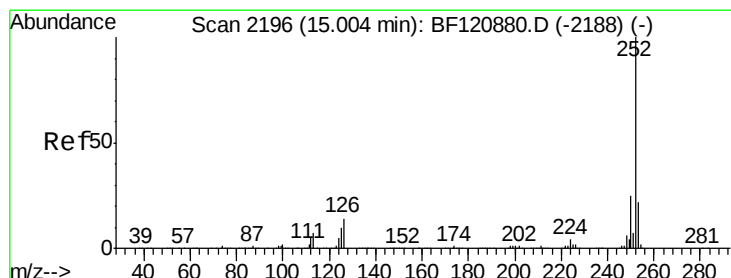
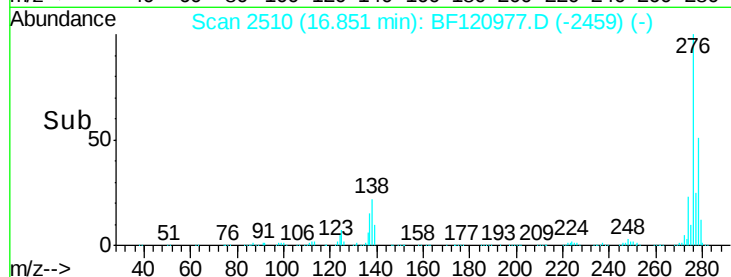
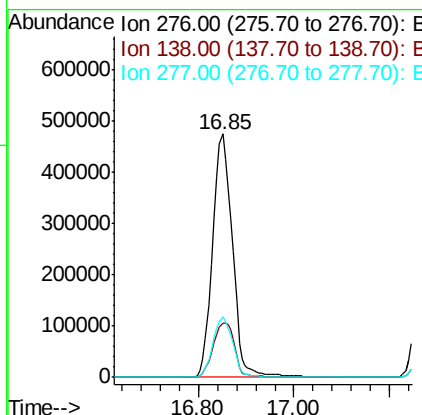
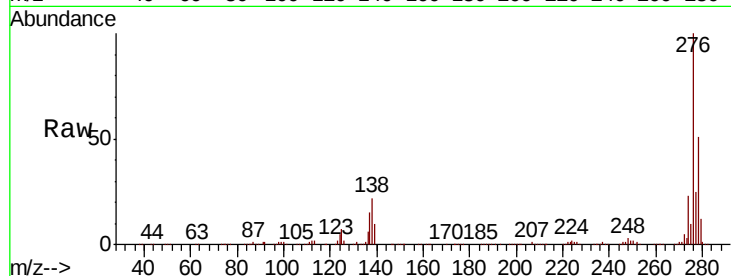




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.393 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF120977.D
 Acq: 23 Jul 2020 11:54

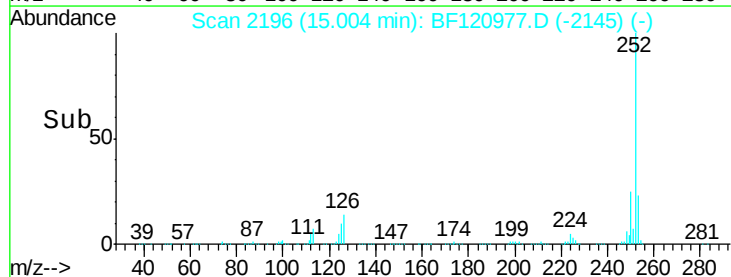
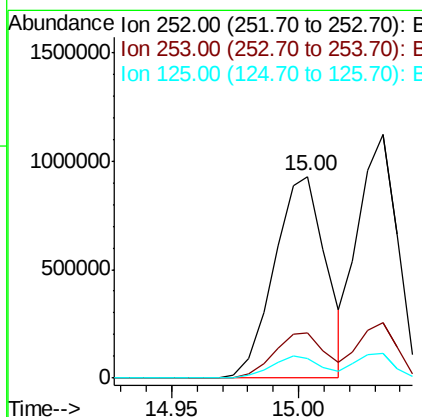
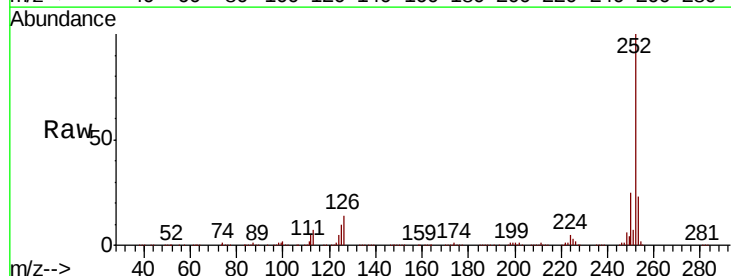
Instrument :
 BNA_F
 ClientSampleId :

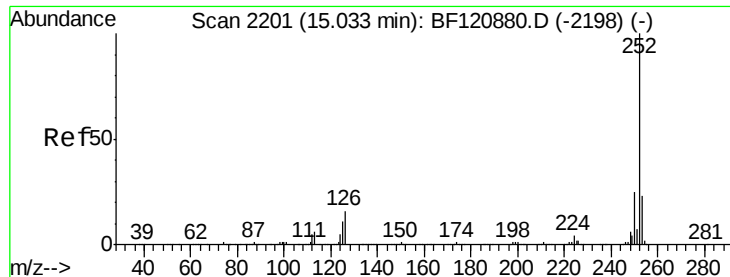
Tot Ion:276 Resp: 1375236
 Ion Ratio Lower Upper
 276 100
 138 24.3 19.8 29.8
 277 25.1 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 40.162 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120977.D
 Acq: 23 Jul 2020 11:54

Tgt Ion:252 Resp: 1319104
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.0 27.0
 125 10.0 8.3 12.5

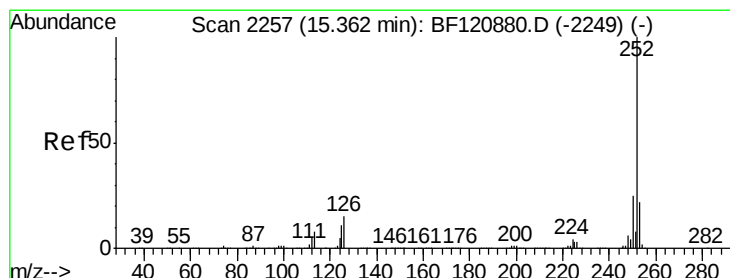
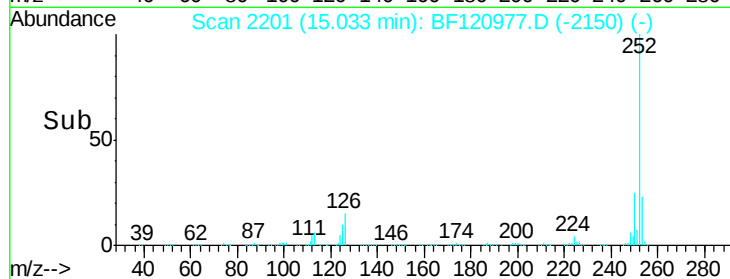
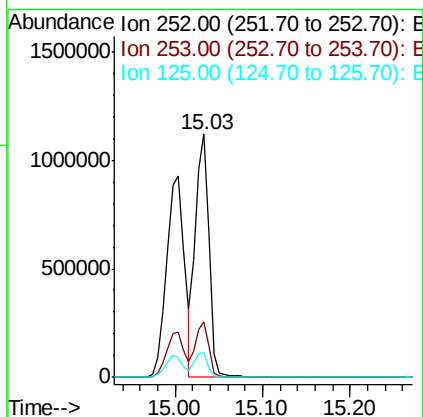
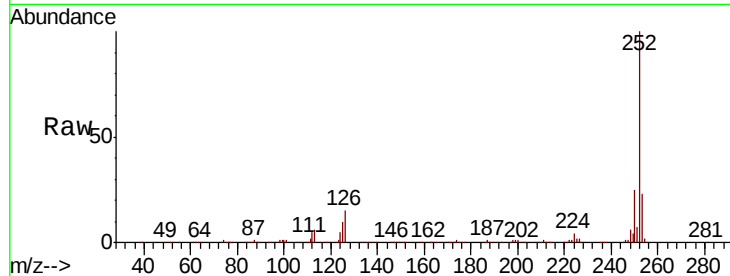




#89
Benzo(k)fluoranthene
Concen: 40.770 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

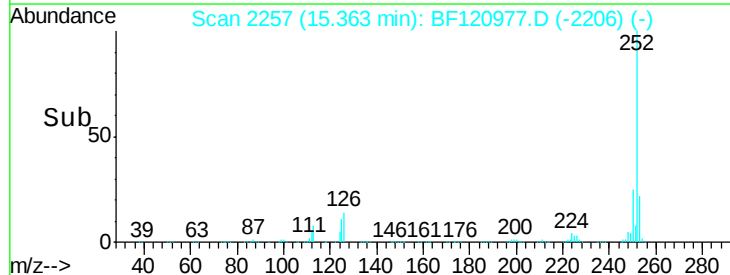
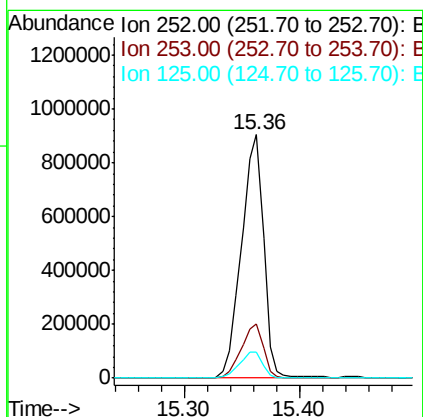
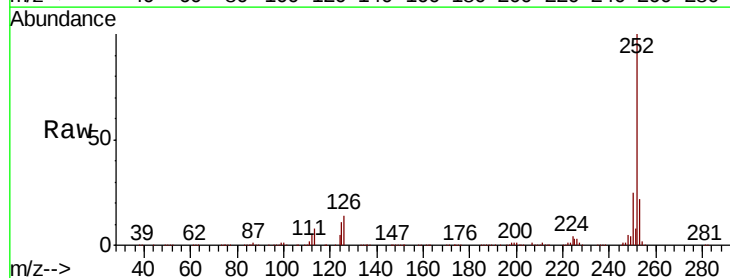
Instrument :
BNA_F
ClientSampled :

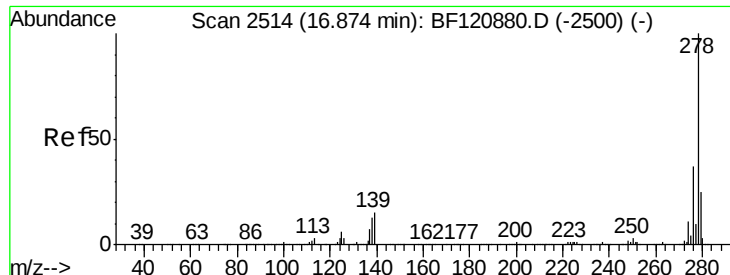
Tot Ion:252 Resp: 1221232
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 10.1 8.4 12.6



#90
Benzo(a)pyrene
Concen: 40.507 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Tgt Ion:252 Resp: 1213817
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.9 8.9 13.3

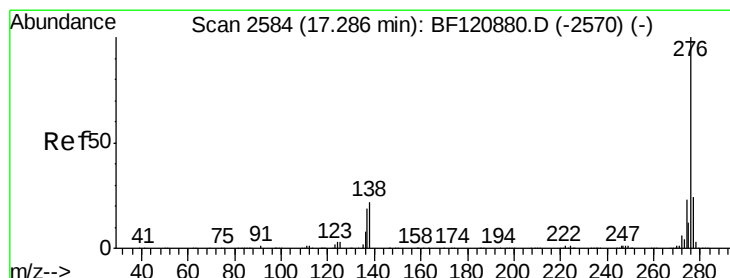
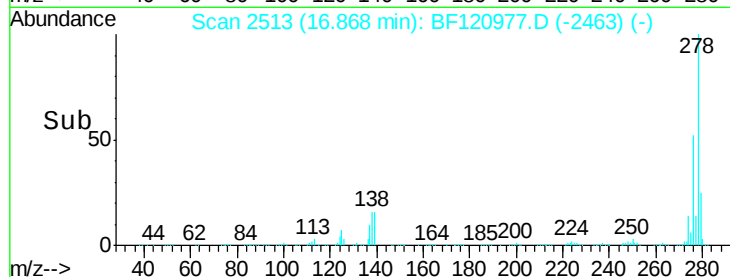
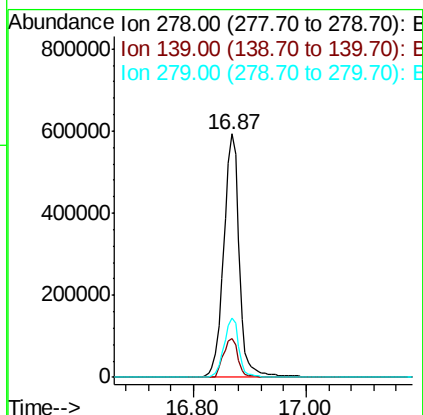
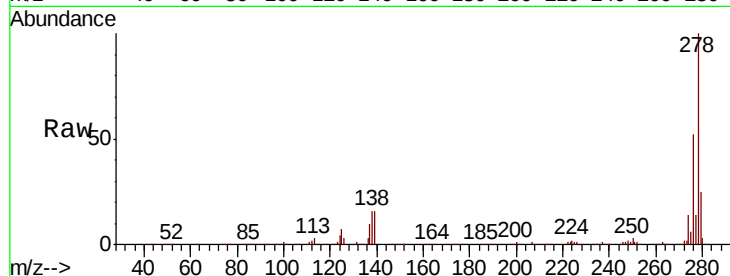




#91
Dibenzo(a,h)anthracene
Concen: 36.907 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1139243
Ion Ratio Lower Upper
278 100
139 15.8 12.3 18.5
279 24.6 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 34.825 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BF120977.D
Acq: 23 Jul 2020 11:54

Tgt Ion:276 Resp: 1059905
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 21.0 17.5 26.3

