

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120839.D
 Acq On : 10 Jul 2020 19:06
 Operator : JU/CG
 Sample : L3257-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH1MS

Quant Time: Jul 11 01:49:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	209295	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	792199	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	392911	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	725197	20.00	ng	0.00
76) Chrysene-d12	14.02	240	512705	20.00	ng	0.00
86) Perylene-d12	15.47	264	429895	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1221078	90.06	ng	0.01
7) Phenol-d6	6.48	99	1574140	90.91	ng	0.00
23) Nitrobenzene-d5	7.41	82	1012243	74.03	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	414321	104.96	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1766264	68.01	ng	0.00
79) Terphenyl-d14	12.96	244	1907947	72.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	263100	42.480	ng	98
3) Pyridine	3.42	79	712474	41.998	ng	98
4) n-Nitrosodimethylamine	3.38	42	356190	41.970	ng	87
6) Aniline	6.51	93	805265	36.213	ng	98
8) 2-Chlorophenol	6.63	128	657366	45.539	ng	96
9) Benzaldehyde	6.39	77	214435	20.823	ng	97
10) Phenol	6.49	94	805425	45.219	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	620289	42.796	ng	96
12) 1,3-Dichlorobenzene	6.79	146	671128	42.239	ng	99
13) 1,4-Dichlorobenzene	6.86	146	672059	42.231	ng	99
14) 1,2-Dichlorobenzene	7.02	146	626126	41.354	ng	98
15) Benzyl Alcohol	6.99	79	524828	40.343	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	893135	39.506	ng	98
17) 2-Methylphenol	7.10	107	531699	41.173	ng	99
18) Hexachloroethane	7.36	117	258150	43.159	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	416180	39.920	ng	92
20) 3+4-Methylphenols	7.25	107	577722	36.323	ng	91
22) Acetophenone	7.26	105	779543	39.589	ng	99
24) Nitrobenzene	7.43	77	678939	44.224	ng	94
25) Isophorone	7.67	82	1223049	41.477	ng	99
26) 2-Nitrophenol	7.75	139	314656	48.690	ng	92
27) 2,4-Dimethylphenol	7.79	122	558706	47.464	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	763146	43.728	ng	99
29) 2,4-Dichlorophenol	7.99	162	519683	44.224	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	572314	43.361	ng	99
31) Naphthalene	8.16	128	1783343	42.122	ng	100
32) Benzoic acid	7.89	122	201329	26.284	ng	94
33) 4-Chloroaniline	8.20	127	481456	26.799	ng	98
34) Hexachlorobutadiene	8.27	225	326052	41.074	ng	99
35) Caprolactam	8.57	113	99657	29.105	ng	90
36) 4-Chloro-3-methylphenol	8.68	107	535757	43.829	ng	95
37) 2-Methylnaphthalene	8.85	142	1187667	43.154	ng	98
38) 1-Methylnaphthalene	8.95	142	1095847	42.508	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	495161	41.699	ng	99

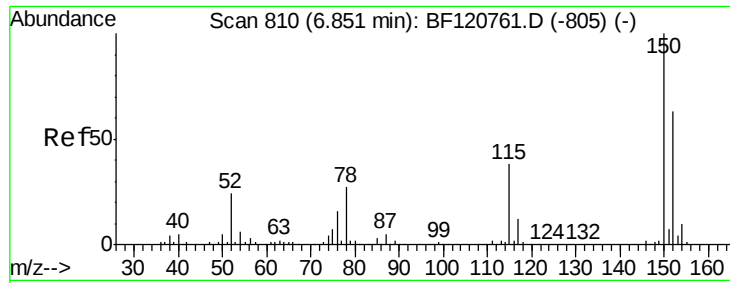
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120839.D
 Acq On : 10 Jul 2020 19:06
 Operator : JU/CG
 Sample : L3257-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH1MS

Quant Time: Jul 11 01:49:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	442361	63.050	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	373319	46.137	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	379199	42.228	ng	99
46) 1,1'-Biphenyl	9.31	154	1334662	42.112	ng	99
47) 2-Chloronaphthalene	9.33	162	1073961	42.298	ng	99
48) 2-Nitroaniline	9.43	65	344152	45.417	ng	96
49) Acenaphthylene	9.75	152	1673297	42.035	ng	99
50) Dimethylphthalate	9.62	163	1308470	45.652	ng	99
51) 2,6-Dinitrotoluene	9.67	165	275371	48.326	ng	# 78
52) Acenaphthene	9.92	154	1035708	41.939	ng	99
53) 3-Nitroaniline	9.84	138	243565	35.454	ng	91
54) 2,4-Dinitrophenol	9.94	184	71576	37.665	ng	94
55) Dibenzofuran	10.09	168	1512848	42.499	ng	99
56) 4-Nitrophenol	10.00	139	447216	84.947	ng	92
57) 2,4-Dinitrotoluene	10.07	165	359450	50.488	ng	# 82
58) Fluorene	10.44	166	1038992	39.213	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	303596	45.432	ng	95
60) Diethylphthalate	10.32	149	1241386	41.577	ng	97
61) 4-Chlorophenyl-phenylether	10.43	204	499572	37.506	ng	98
62) 4-Nitroaniline	10.46	138	294548	48.367	ng	88
63) Azobenzene	10.59	77	1205542	39.471	ng	95
65) 4,6-Dinitro-2-methylphenol	10.48	198	76680	28.481	ng	# 73
66) n-Nitrosodiphenylamine	10.55	169	1032448	42.475	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	344792	40.987	ng	96
68) Hexachlorobenzene	10.99	284	385883	43.714	ng	# 87
69) Atrazine	11.07	200	292039	46.637	ng	99
70) Pentachlorophenol	11.17	266	369593	74.002	ng	99
71) Phenanthrene	11.40	178	1747796	44.419	ng	99
72) Anthracene	11.45	178	1703979	42.855	ng	99
73) Carbazole	11.60	167	1551248	40.598	ng	99
74) Di-n-butylphthalate	11.94	149	1894602	40.050	ng	99
75) Fluoranthene	12.59	202	2056990	49.073	ng	99
77) Benzidine	12.70	184	626323	43.280	ng	99
78) Pyrene	12.82	202	2080873	50.818	ng	99
80) Butylbenzylphthalate	13.43	149	832861	47.112	ng	98
81) Benzo(a)anthracene	14.00	228	1435564	43.680	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	385418	34.751	ng	99
83) Chrysene	14.04	228	1577153	47.047	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	924016	39.858	ng	# 96
85) Di-n-octyl phthalate	14.61	149	1914534	46.682	ng	97
87) Indeno(1,2,3-cd)pyrene	16.93	276	1401078	50.812	ng	100
88) Benzo(b)fluoranthene	15.05	252	1479616	52.353	ng	99
89) Benzo(k)fluoranthene	15.08	252	1332453	48.451	ng	99
90) Benzo(a)pyrene	15.42	252	1244451	49.360	ng	98
91) Dibenzo(a,h)anthracene	16.95	278	1124925	48.948	ng	98
92) Benzo(g,h,i)perylene	17.37	276	1161996	55.322	ng	98

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

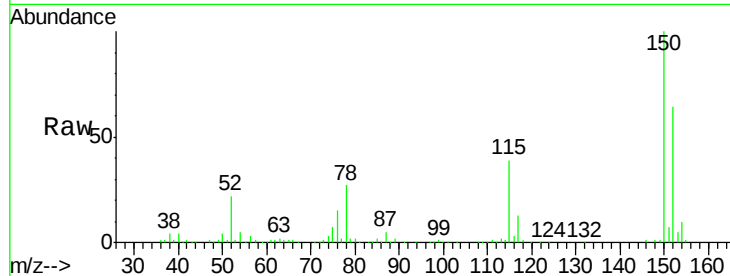


#1

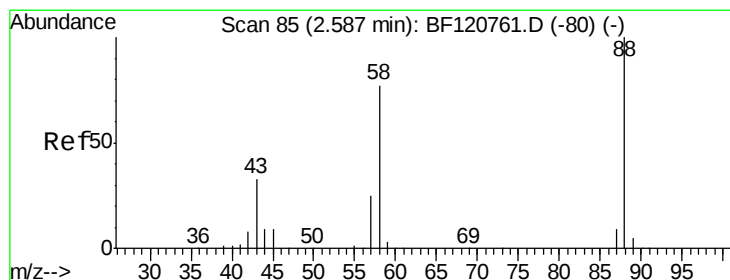
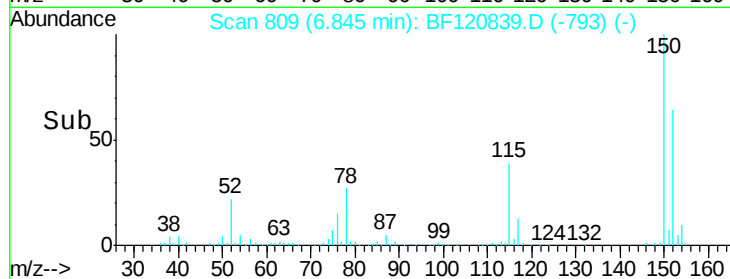
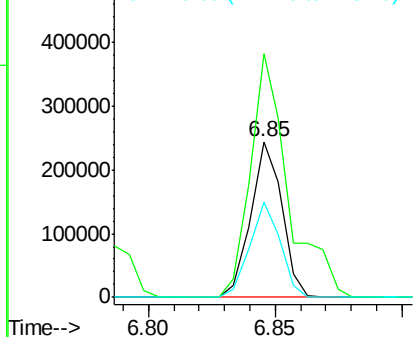
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MH1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.1	189.1
115	61.3	48.5	72.7



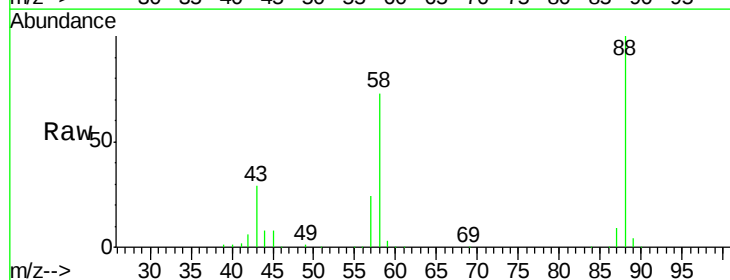
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



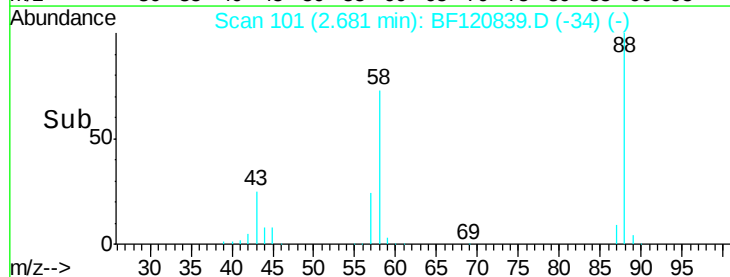
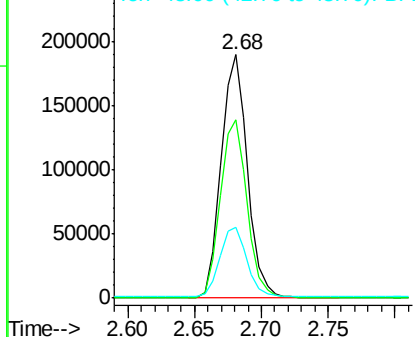
#2

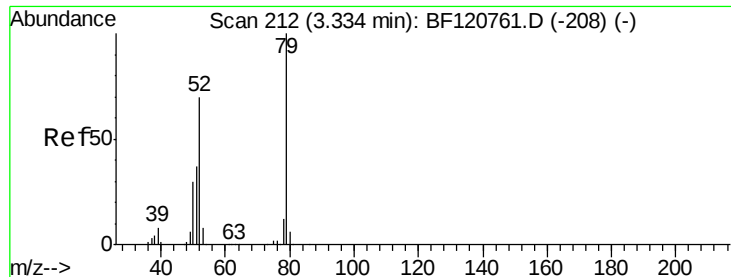
1,4-Dioxane
Concen: 42.480 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.09 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.9	60.4	90.6
43	29.6	26.3	39.5



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





#3

Pvridine

Concen: 41.998 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.09 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

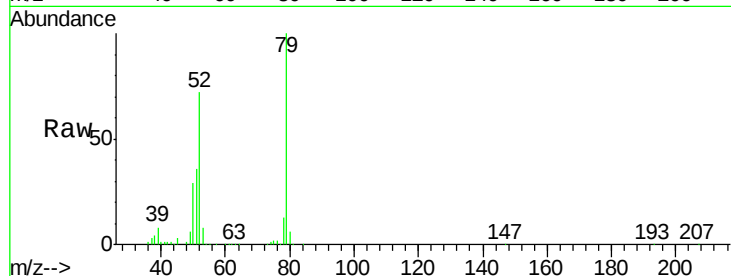
Tot Ion: 79 Resp: 712474

Ion Ratio Lower Upper

79 100

52 71.8 56.3 84.5

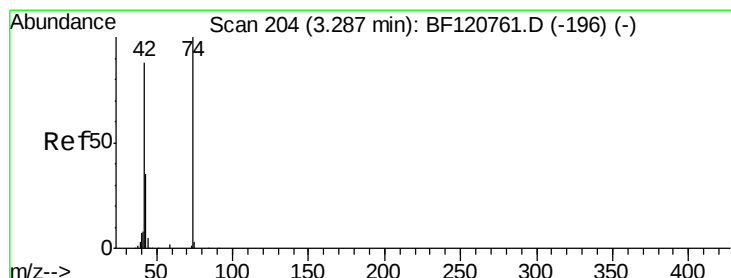
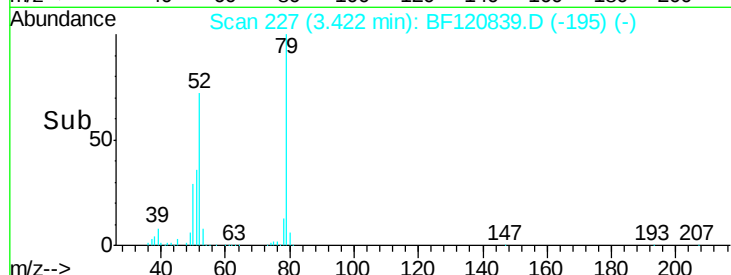
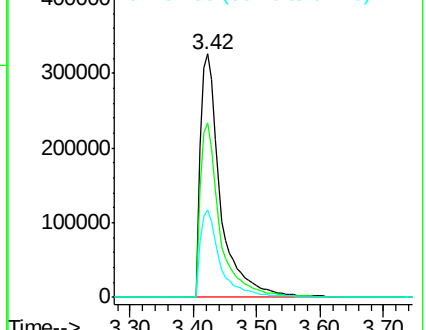
51 35.8 30.1 45.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.970 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.09 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

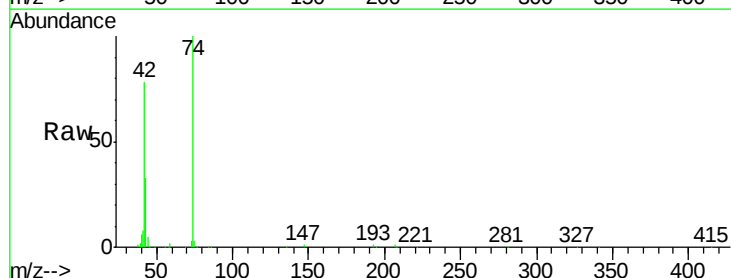
Tgt Ion: 42 Resp: 356190

Ion Ratio Lower Upper

42 100

74 128.4 90.8 136.2

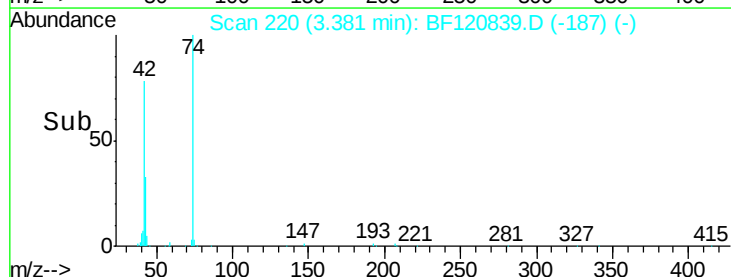
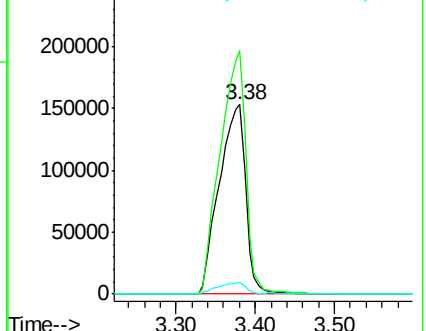
44 6.6 5.8 8.8

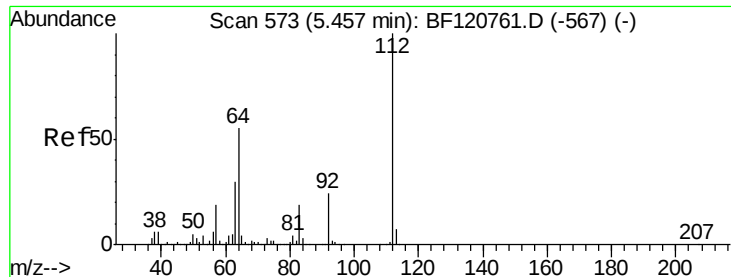


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 90.060 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

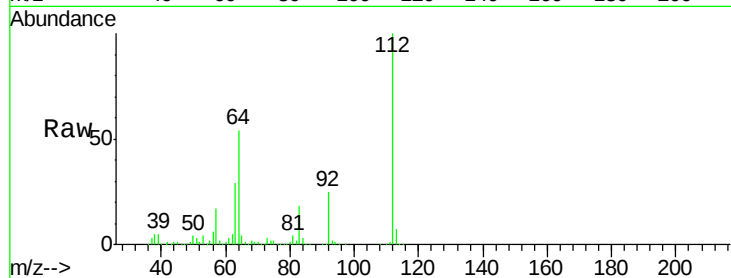
Tot Ion:112 Resp: 1221078

Ion Ratio Lower Upper

112 100

64 54.2 43.8 65.6

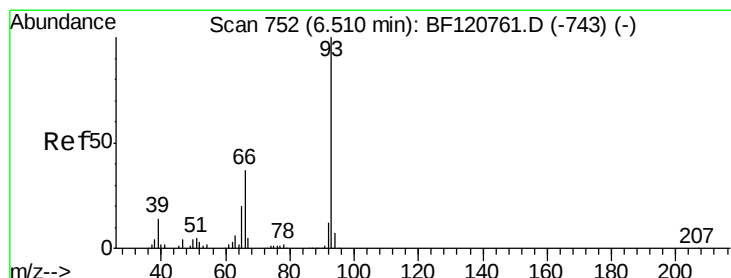
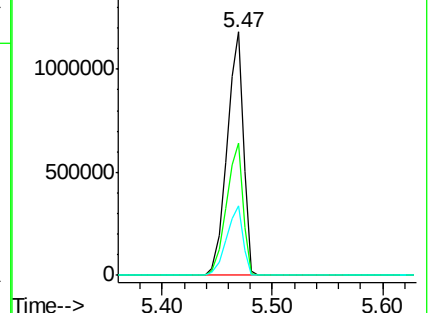
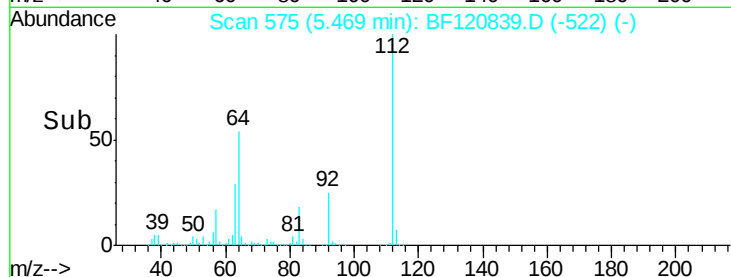
63 28.7 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.213 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

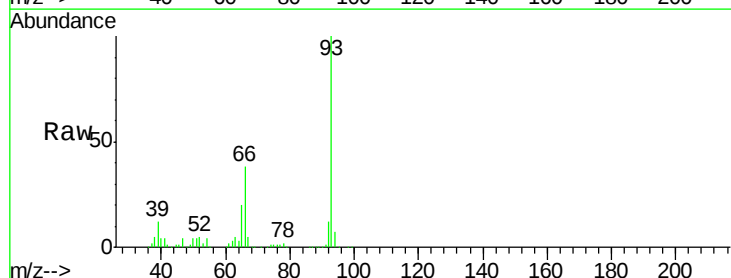
Tgt Ion: 93 Resp: 805265

Ion Ratio Lower Upper

93 100

66 37.5 31.3 46.9

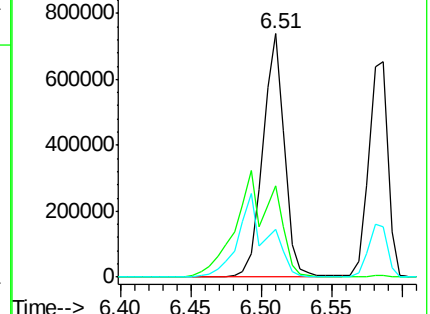
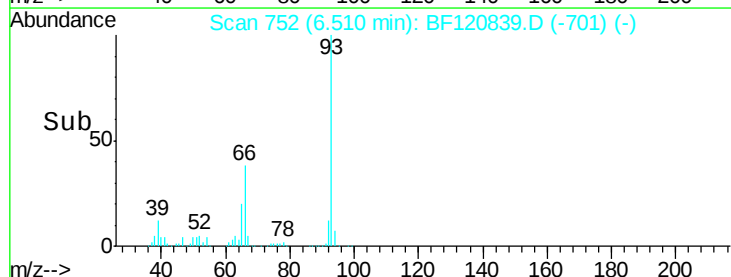
65 19.8 16.5 24.7



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: 90.913 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampled :

MH1MS

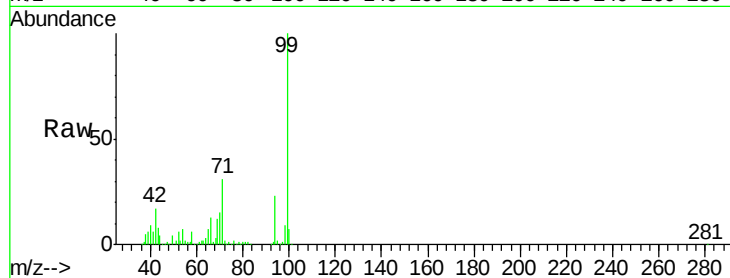
Tot Ion: 99 Resp: 1574140

Ion Ratio Lower Upper

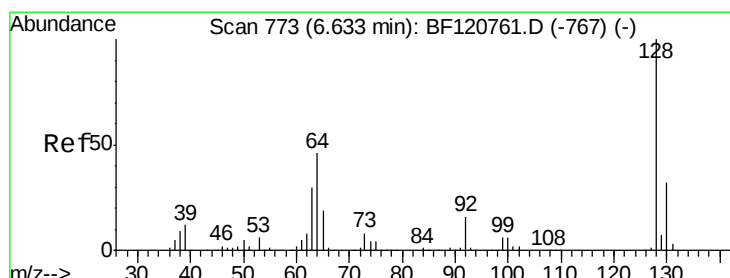
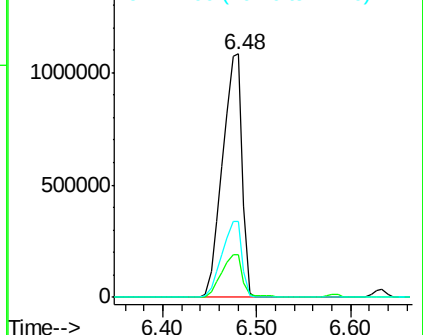
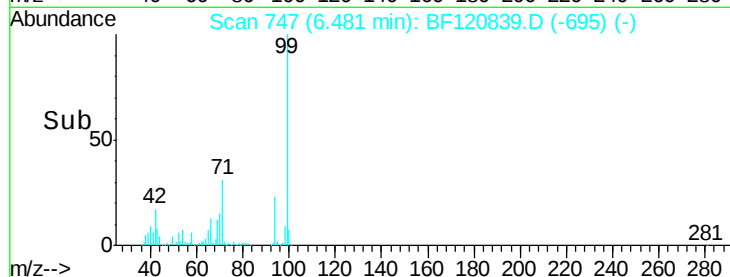
99 100

42 17.5 15.4 23.0

71 31.3 25.9 38.9



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: 45.539 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

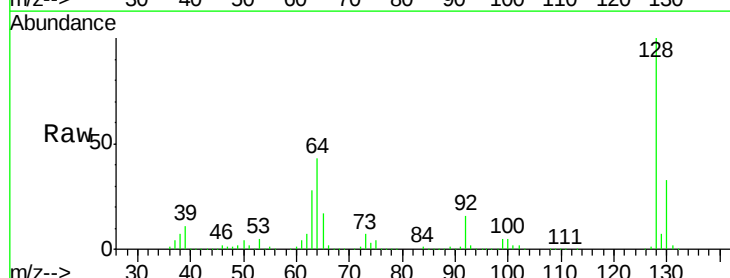
Tgt Ion: 128 Resp: 657366

Ion Ratio Lower Upper

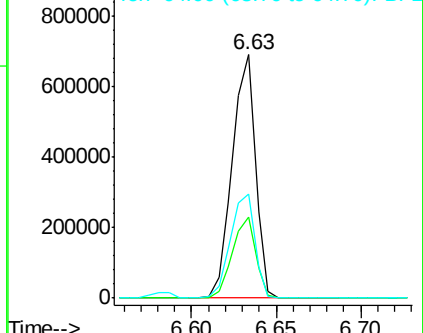
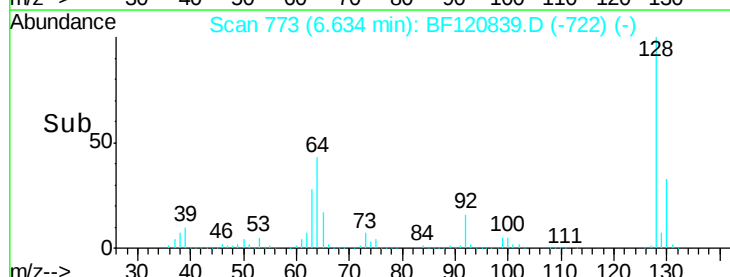
128 100

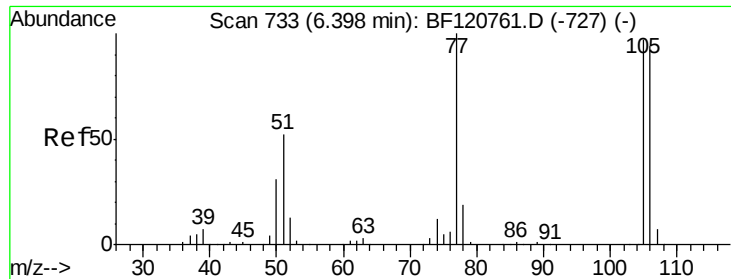
130 33.2 12.1 52.1

64 42.5 26.3 66.3



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

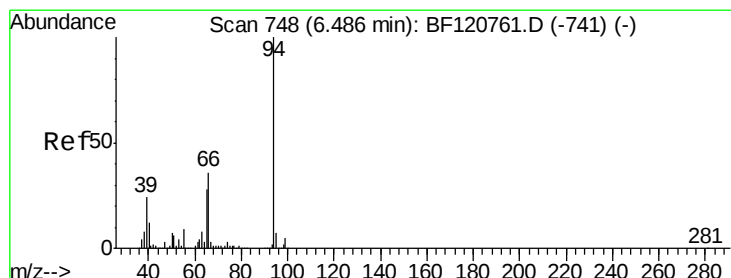
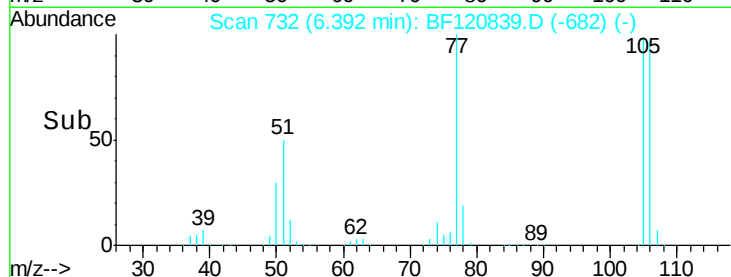
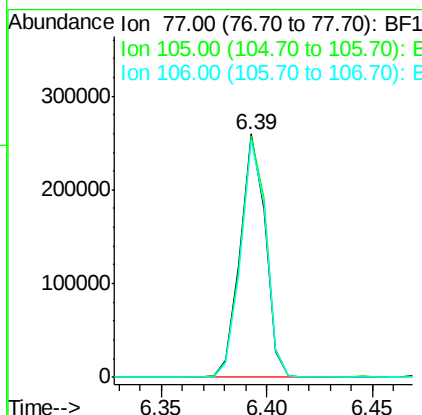
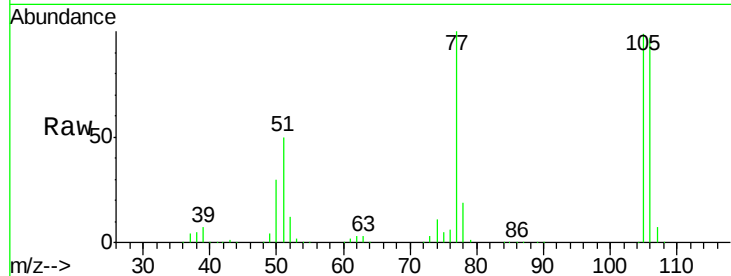




#9
Benzaldehyde
Concen: 20.823 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

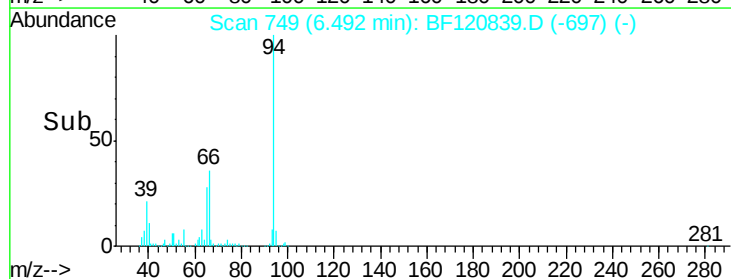
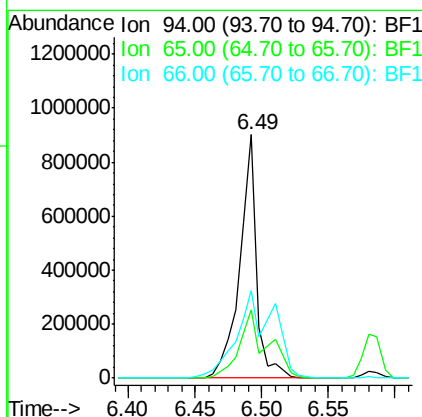
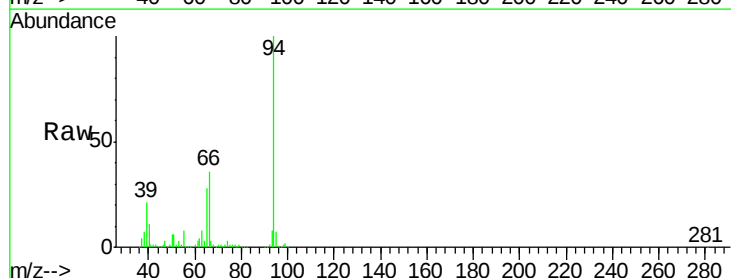
Instrument :
BNA_F
ClientSampleId :
MH1MS

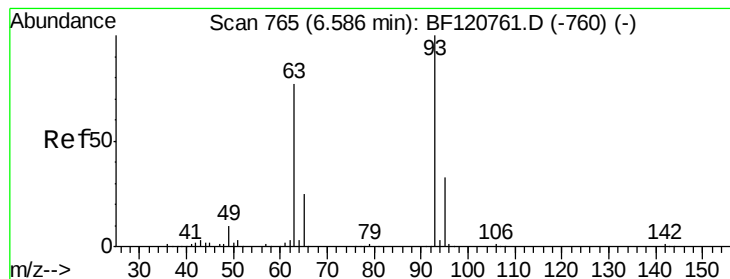
Tot Ion: 77 Resp: 214435
Ion Ratio Lower Upper
77 100
105 98.8 76.8 116.8
106 97.3 73.8 113.8



#10
Phenol
Concen: 45.219 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion: 94 Resp: 805425
Ion Ratio Lower Upper
94 100
65 28.3 8.4 48.4
66 36.0 16.5 56.5





#11

bis(2-Chloroethyl)ether

Concen: 42.796 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

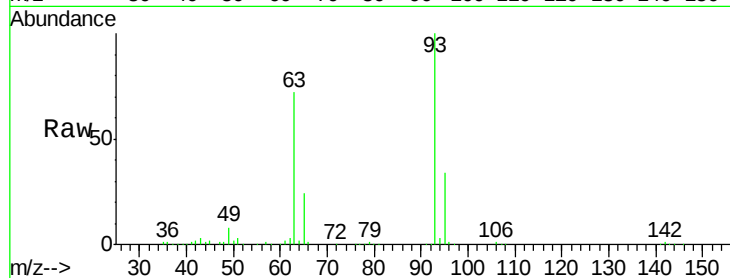
Tot Ion: 93 Resp: 620289

Ion Ratio Lower Upper

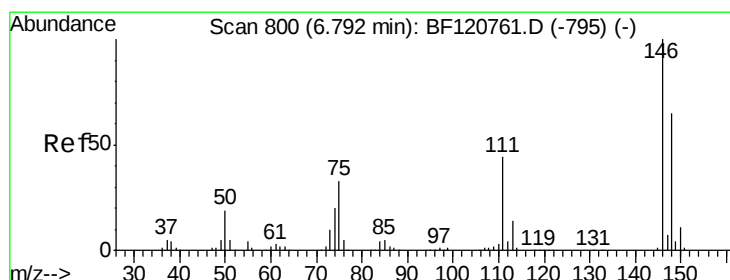
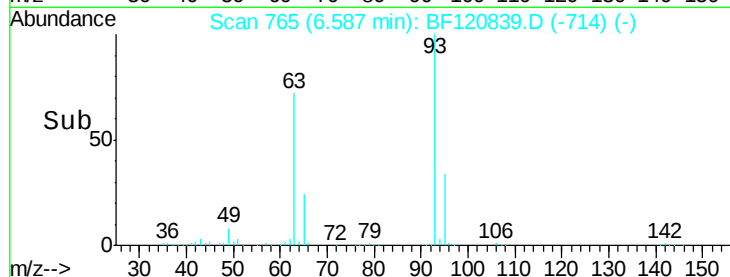
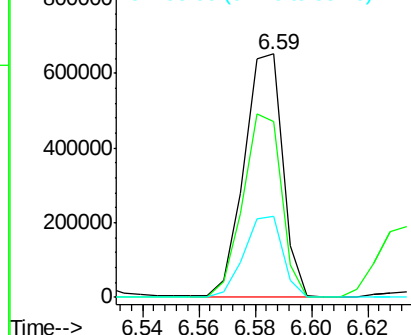
93 100

63 72.1 56.9 96.9

95 33.5 13.3 53.3



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



#12

1,3-Dichlorobenzene

Concen: 42.239 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

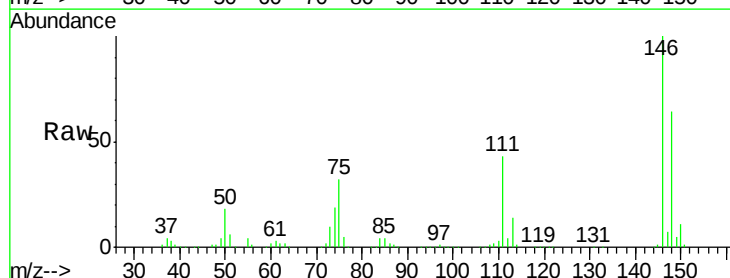
Tgt Ion: 146 Resp: 671128

Ion Ratio Lower Upper

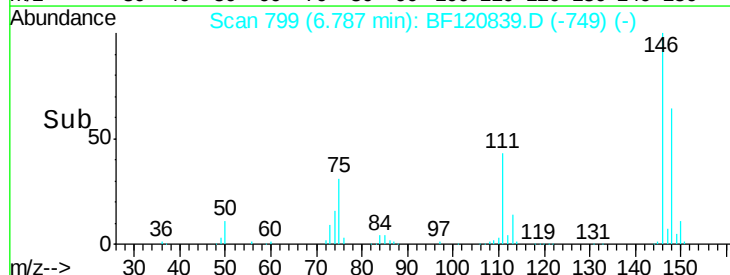
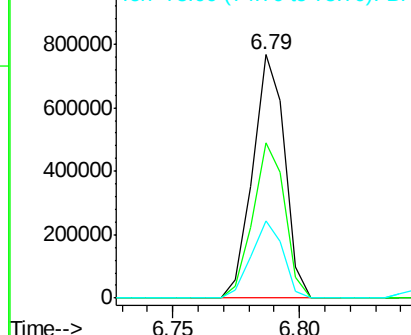
146 100

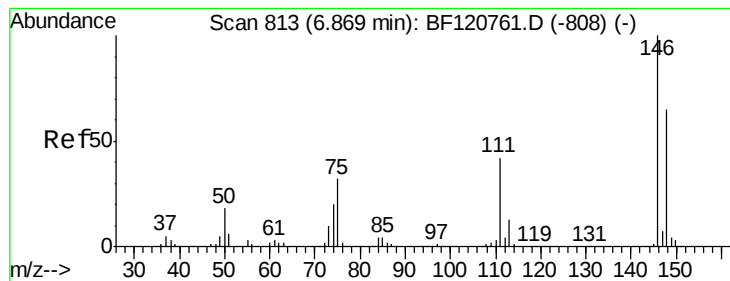
148 64.0 52.1 78.1

75 31.8 26.0 39.0



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





#13

1,4-Dichlorobenzene

Concen: 42.231 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampled :

MH1MS

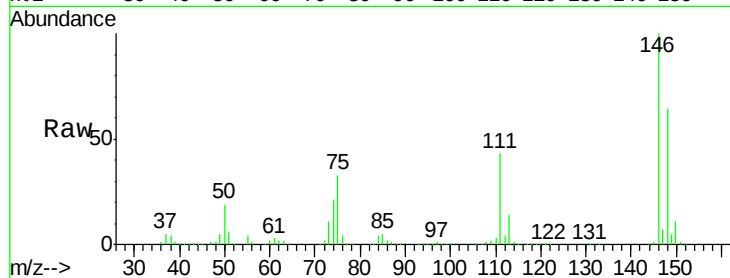
Tot Ion:146 Resp: 672059

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

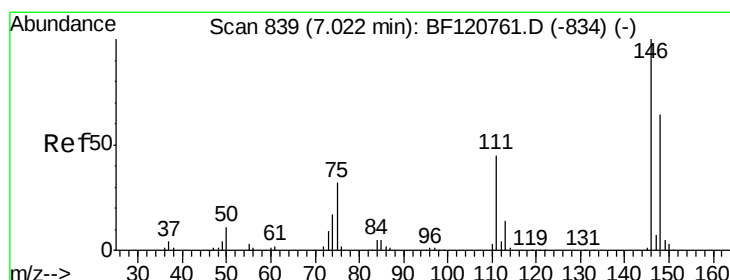
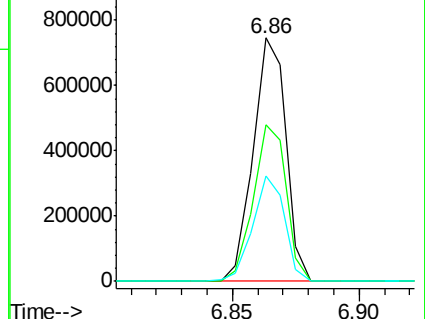
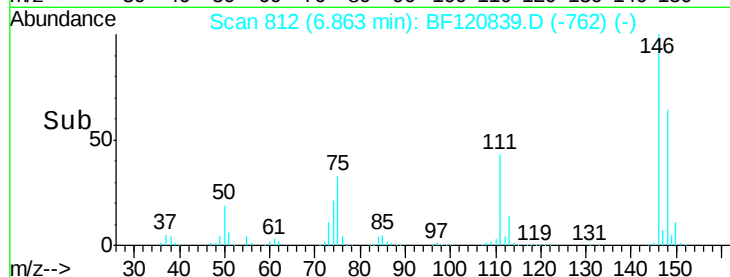
111 43.5 33.7 50.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.354 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

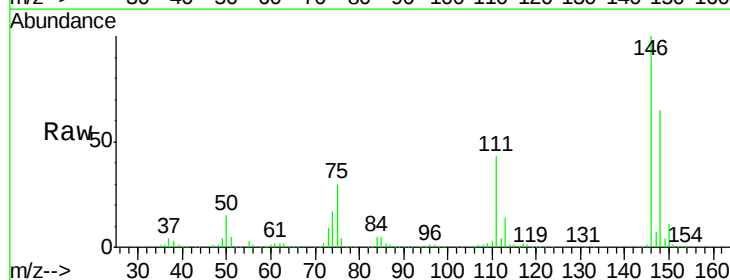
Tgt Ion:146 Resp: 626126

Ion Ratio Lower Upper

146 100

148 65.2 51.0 76.4

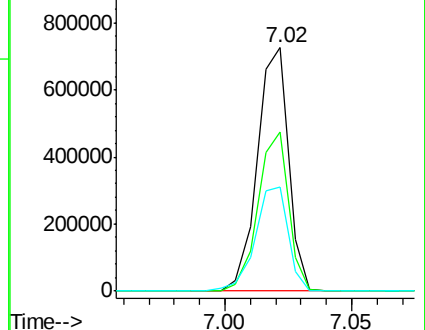
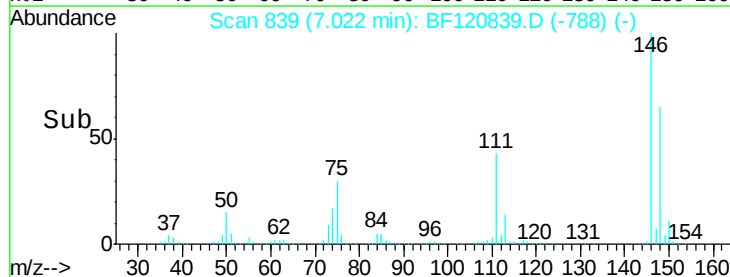
111 42.7 35.7 53.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.343 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

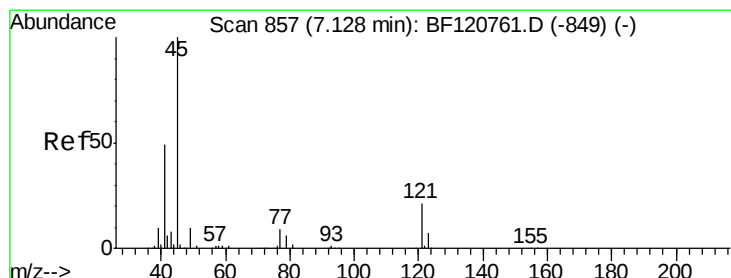
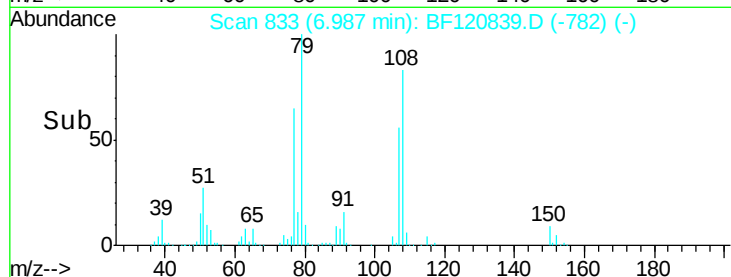
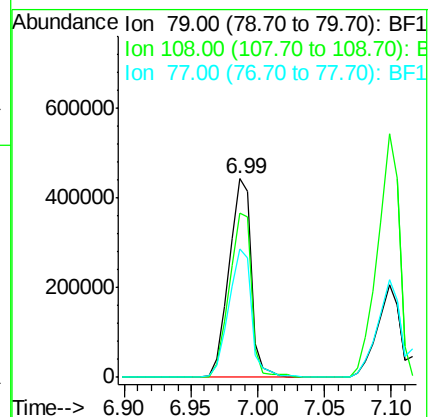
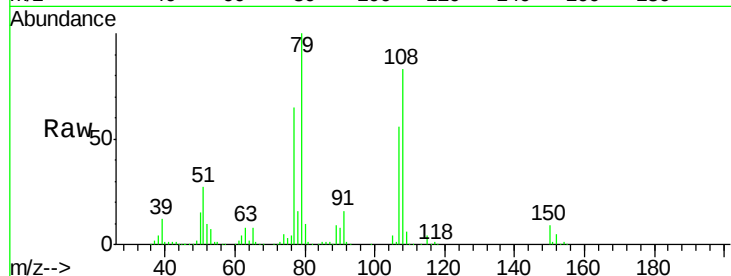
Tot Ion: 79 Resp: 524828

Ion Ratio Lower Upper

79 100

108 82.7 62.4 93.6

77 64.9 52.7 79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.506 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

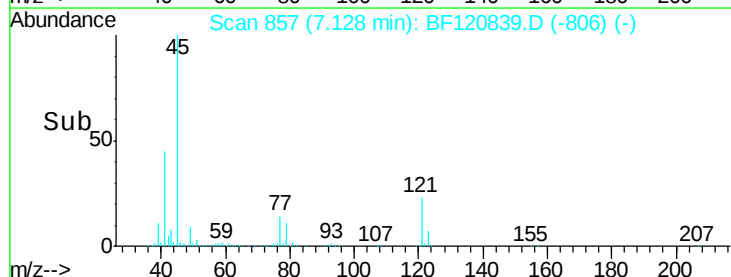
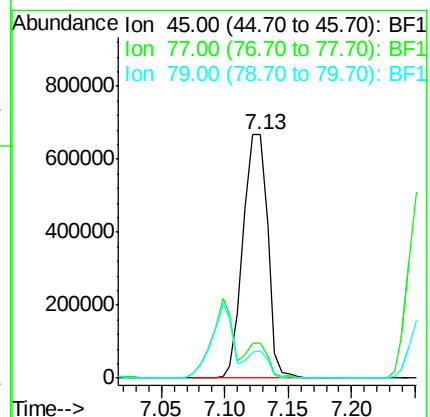
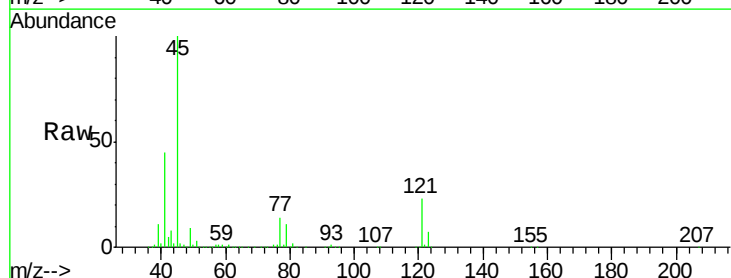
Tgt Ion: 45 Resp: 893135

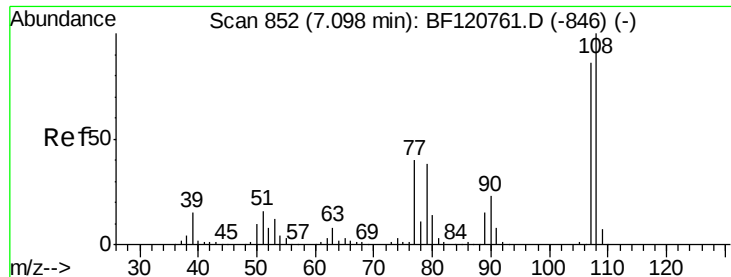
Ion Ratio Lower Upper

45 100

77 14.3 0.0 33.7

79 11.1 0.0 30.5





#17

2-Methylphenol

Concen: 41.173 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

Tot Ion:107 Resp: 531699

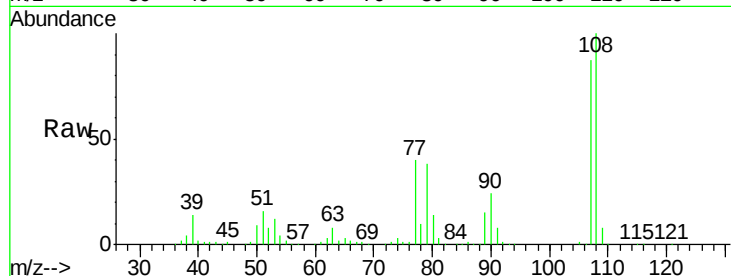
Ion Ratio Lower Upper

107 100

108 114.5 93.1 139.7

77 45.8 37.3 55.9

79 43.5 35.3 52.9

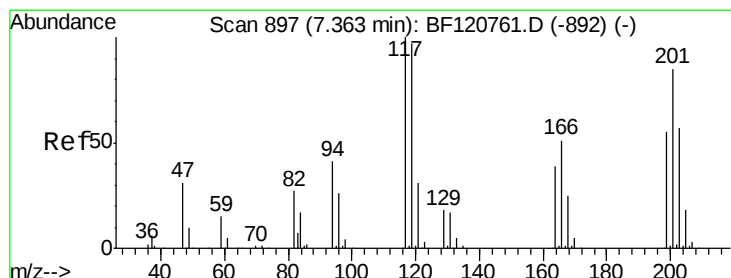
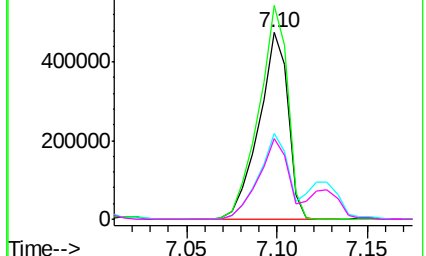
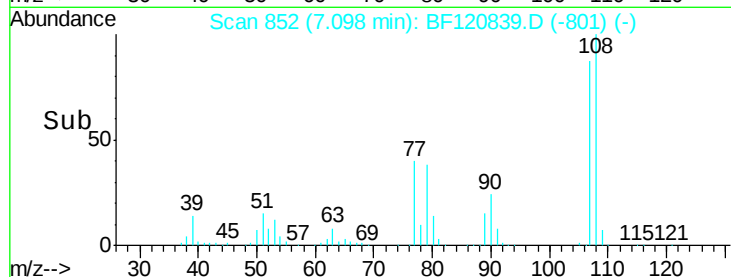


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.159 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

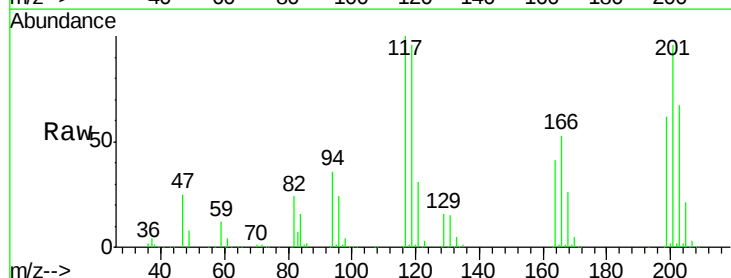
Tgt Ion:117 Resp: 258150

Ion Ratio Lower Upper

117 100

119 96.2 77.9 116.9

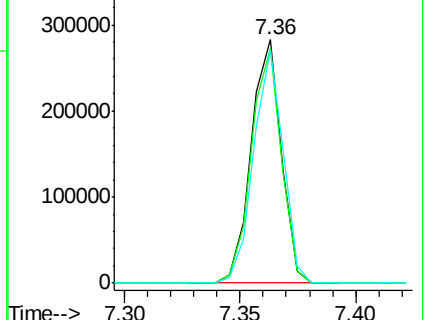
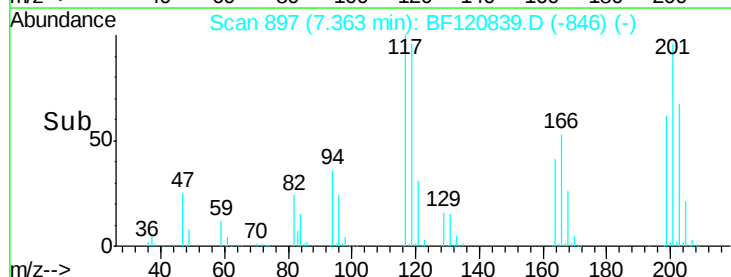
201 96.1 68.3 102.5

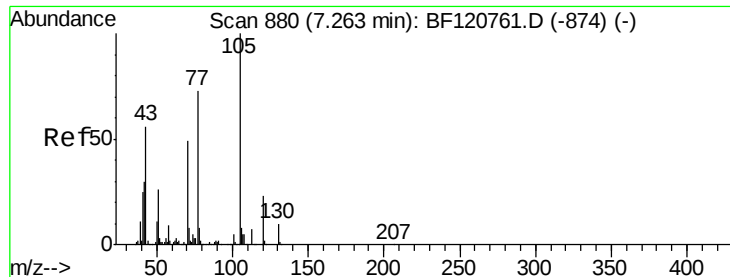


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

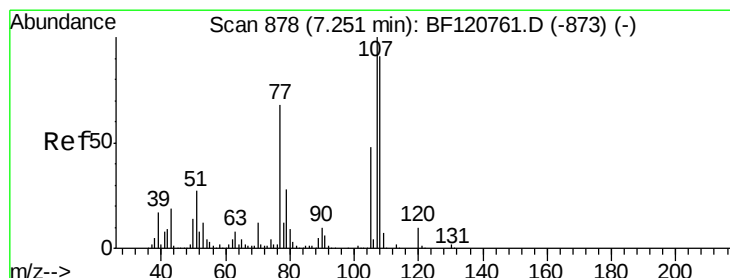
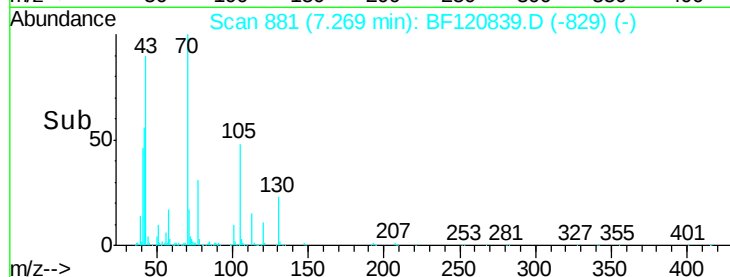
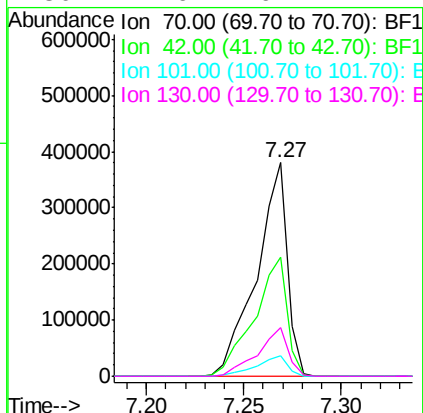
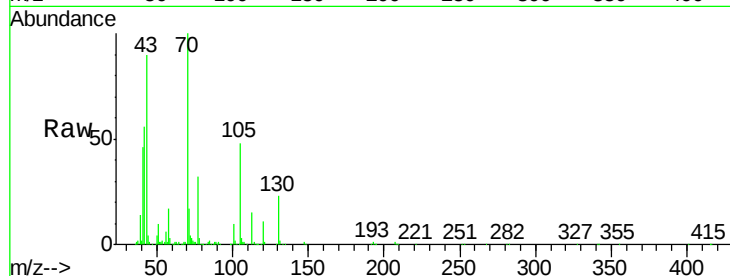




#19
n-Nitroso-di-n-propylamine
Concen: 39.920 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

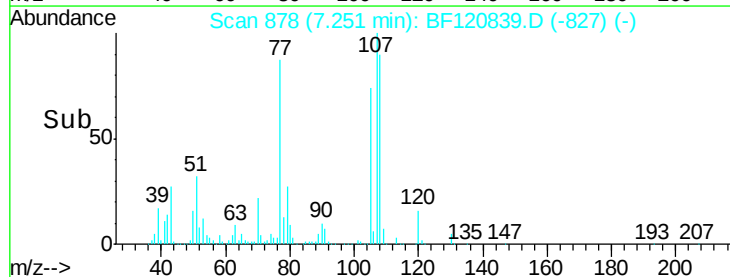
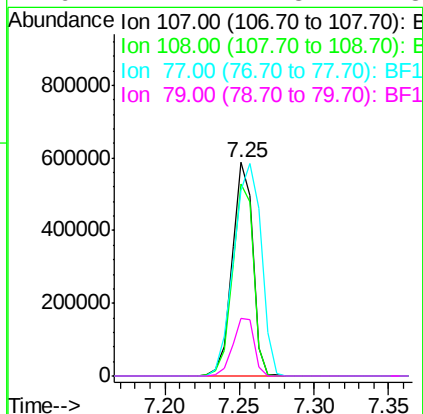
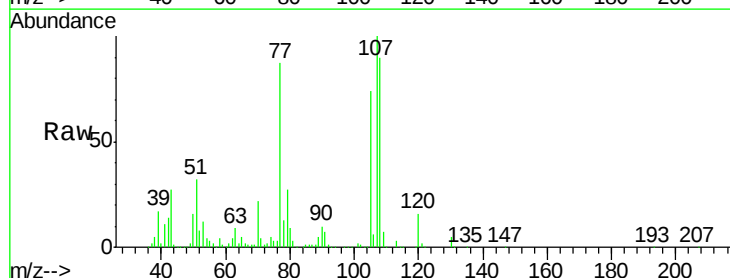
Instrument :
BNA_F
ClientSampleId :
MH1MS

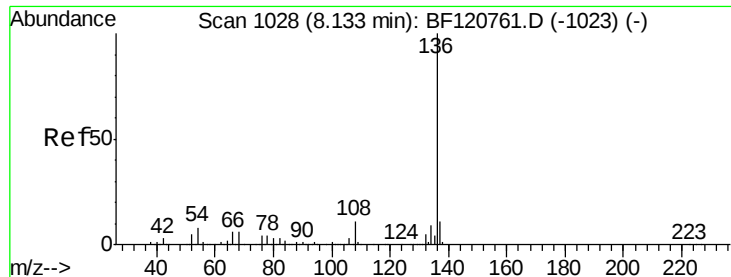
Tot Ion: 70 Resp: 416180
Ion Ratio Lower Upper
70 100
42 55.8 50.3 75.5
101 9.7 7.5 11.3
130 22.6 16.1 24.1



#20
3+4-Methylphenols
Concen: 36.323 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion: 107 Resp: 577722
Ion Ratio Lower Upper
107 100
108 89.7 70.9 110.9
77 87.0 48.3 88.3
79 27.1 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

Tot Ion:136 Resp: 792199

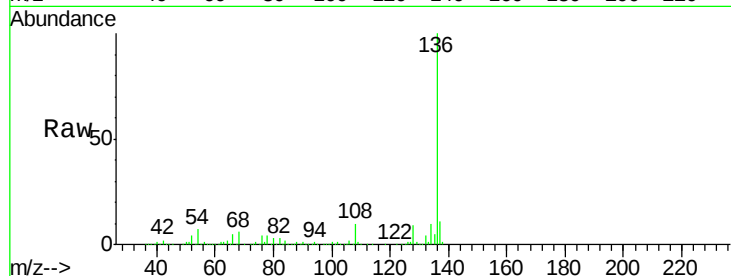
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.0 6.2 9.4

68 5.6 4.7 7.1

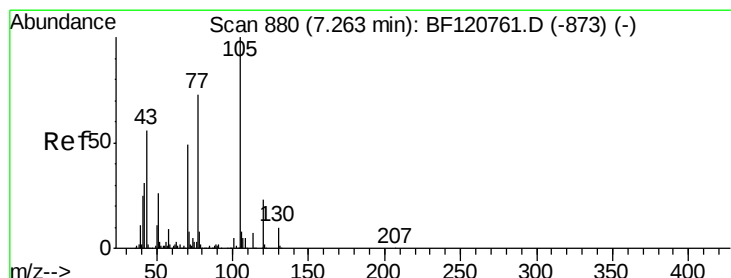
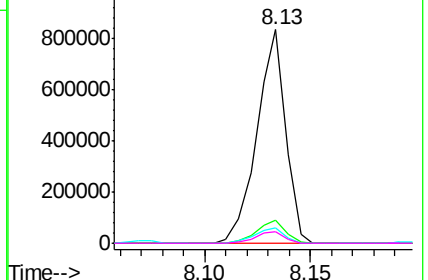
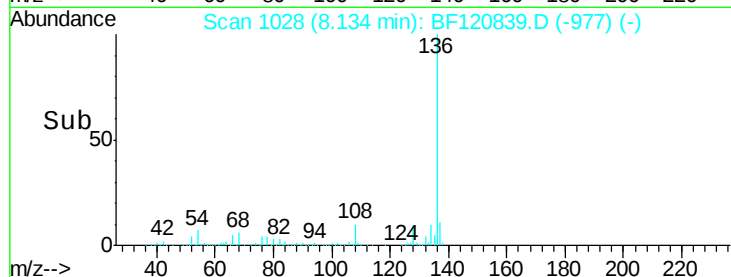


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.589 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Tgt Ion:105 Resp: 779543

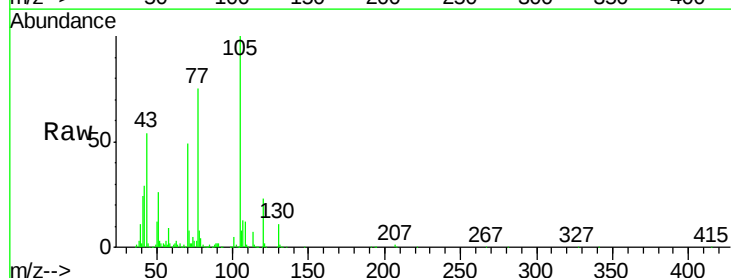
Ion Ratio Lower Upper

105 100

71 8.4 6.5 9.7

51 25.6 21.0 31.4

120 23.1 18.6 28.0

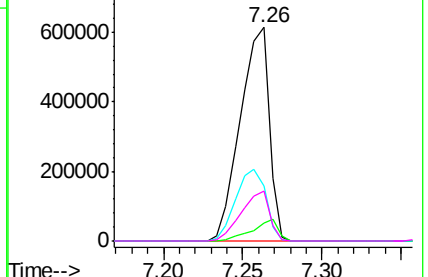
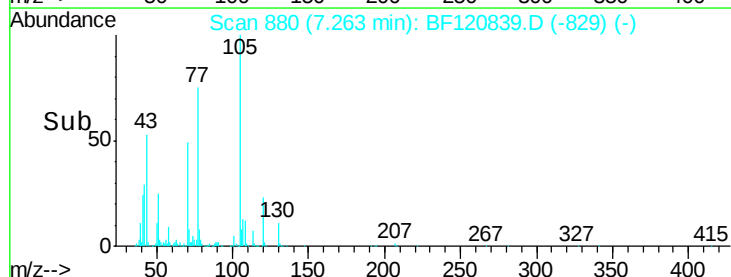


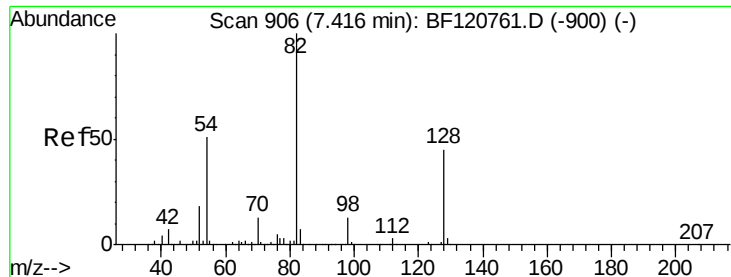
Abundance Ion 105.00 (104.70 to 105.70): E

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

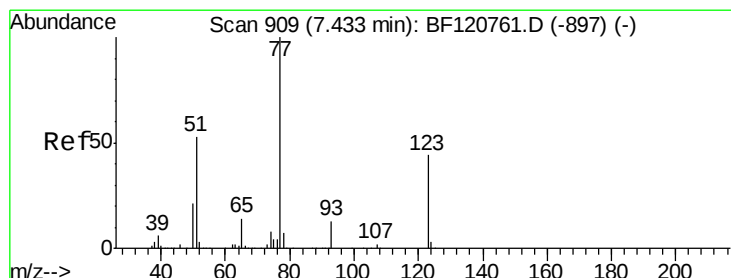
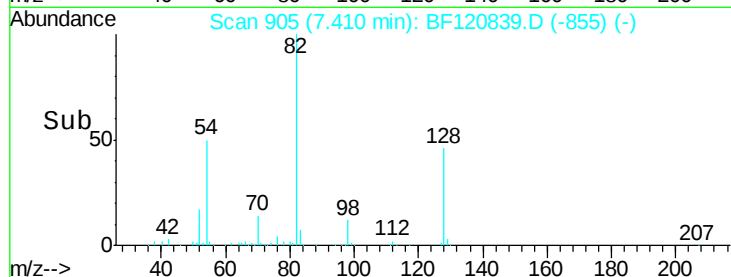
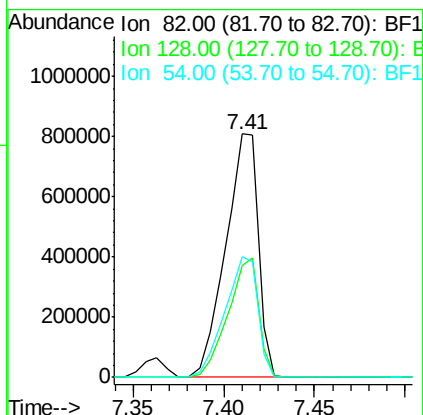
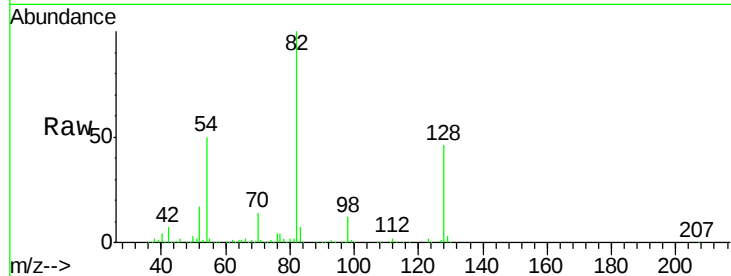




#23
 Nitrobenzene-d5
 Concen: 74.031 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

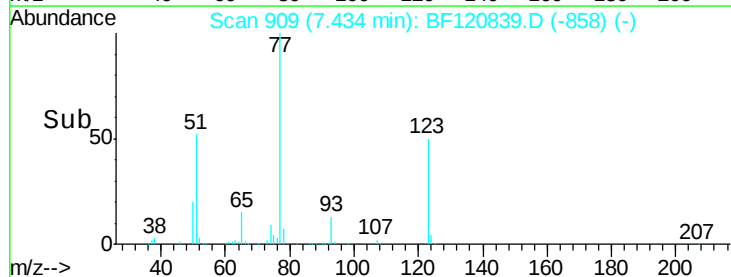
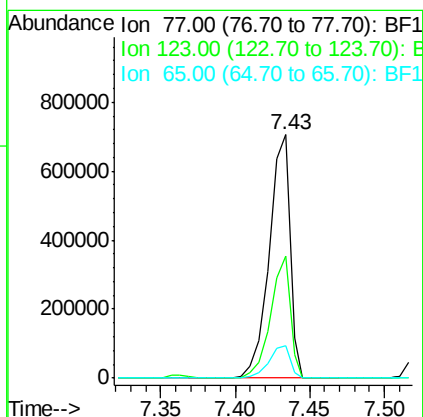
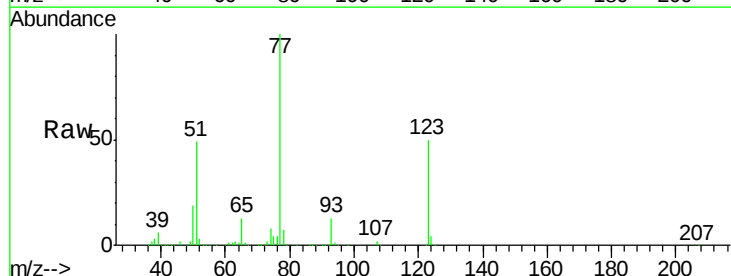
Instrument :
 BNA_F
 ClientSampleId :
 MH1MS

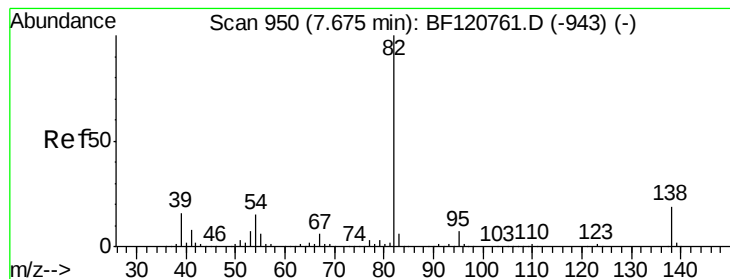
Tot Ion: 82 Resp: 1012243
 Ion Ratio Lower Upper
 82 100
 128 46.1 35.7 53.5
 54 49.8 40.9 61.3



#24
 Nitrobenzene
 Concen: 44.224 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Tgt Ion: 77 Resp: 678939
 Ion Ratio Lower Upper
 77 100
 123 50.1 36.1 54.1
 65 13.4 11.0 16.4





#25

Isophorone

Concen: 41.477 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

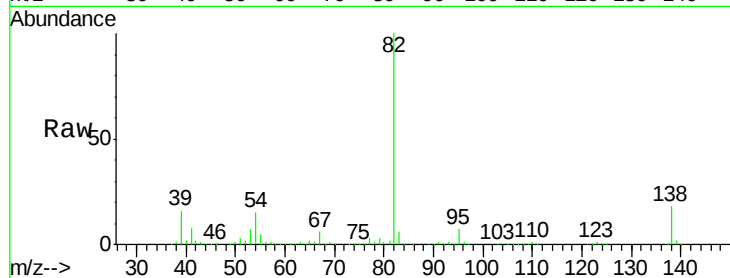
Tot Ion: 82 Resp: 1223049

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

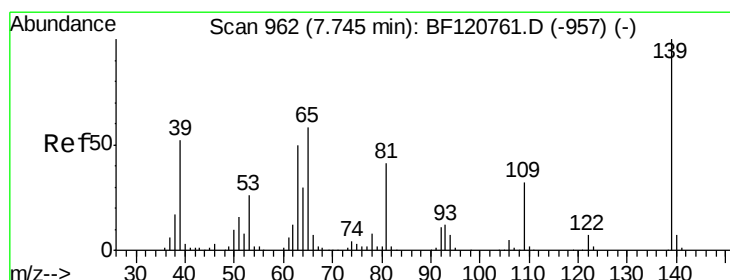
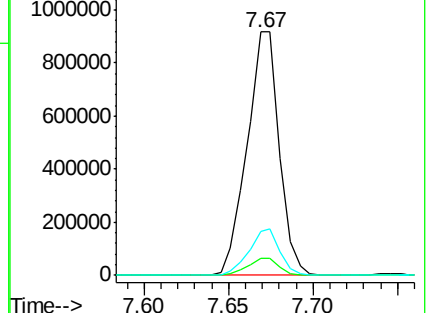
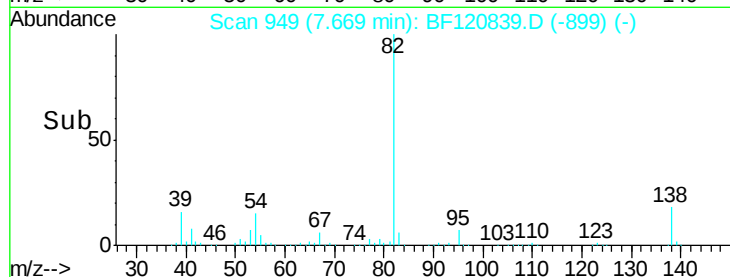
138 18.0 15.0 22.4



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: 48.690 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

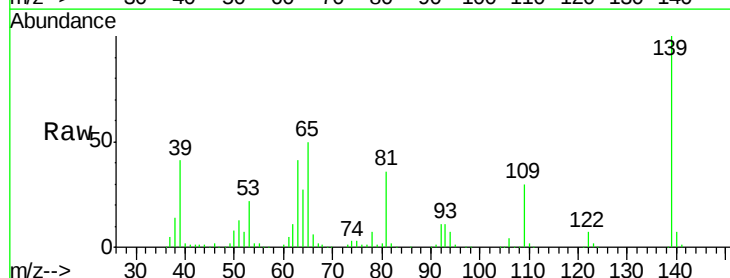
Tgt Ion: 139 Resp: 314656

Ion Ratio Lower Upper

139 100

109 29.7 25.3 37.9

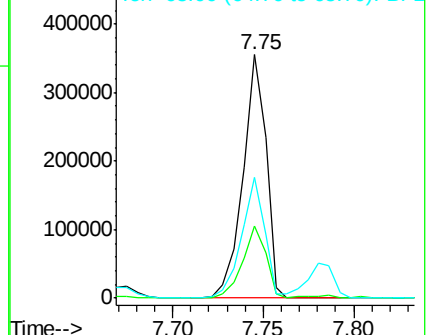
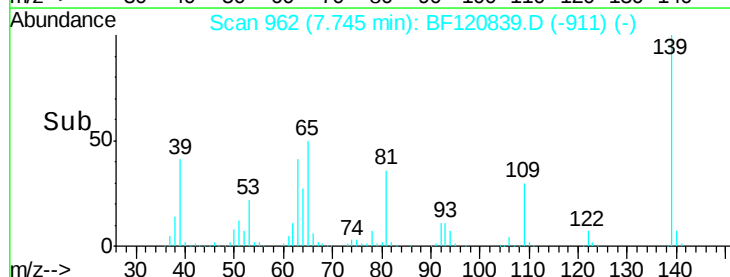
65 49.8 46.2 69.2

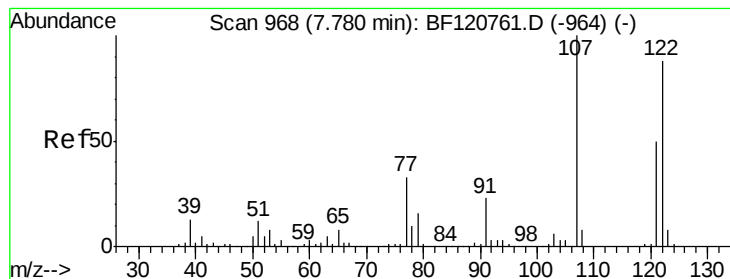


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 47.464 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

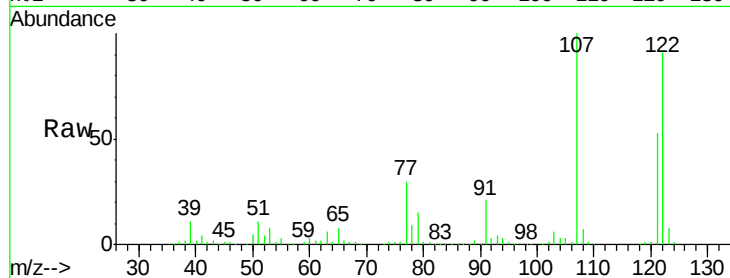
Tot Ion:122 Resp: 558706

Ion Ratio Lower Upper

122 100

107 109.3 90.7 136.1

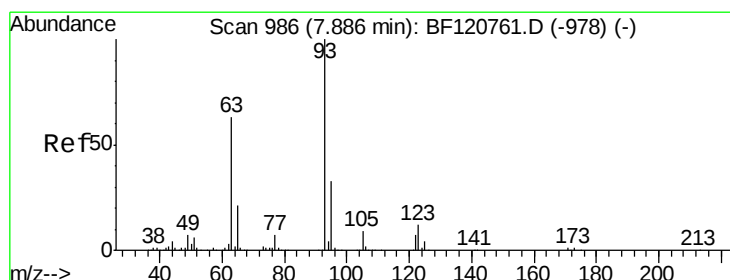
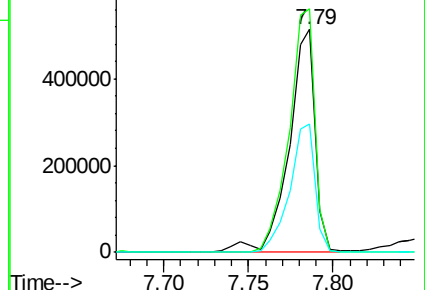
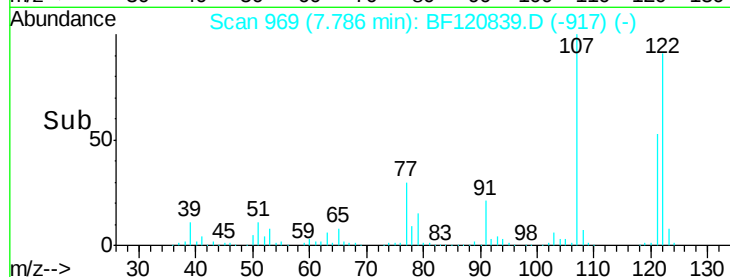
121 57.6 45.4 68.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.728 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

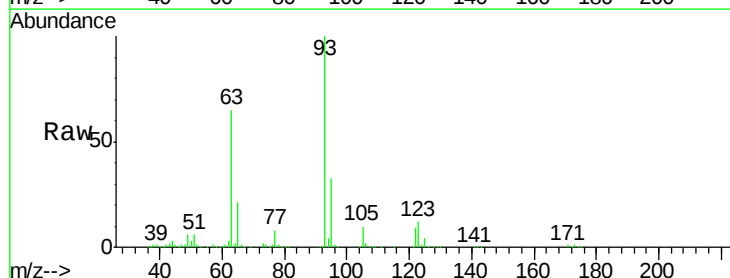
Tgt Ion: 93 Resp: 763146

Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

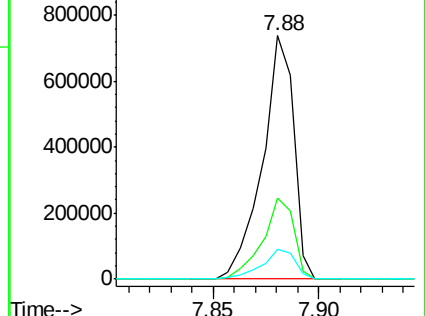
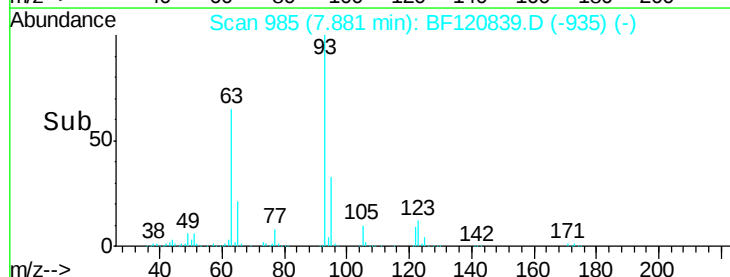
123 12.1 10.2 15.2



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.224 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

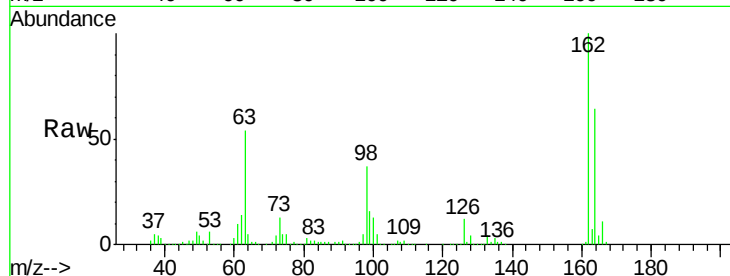
Tot Ion:162 Resp: 519683

Ion Ratio Lower Upper

162 100

164 64.4 45.2 85.2

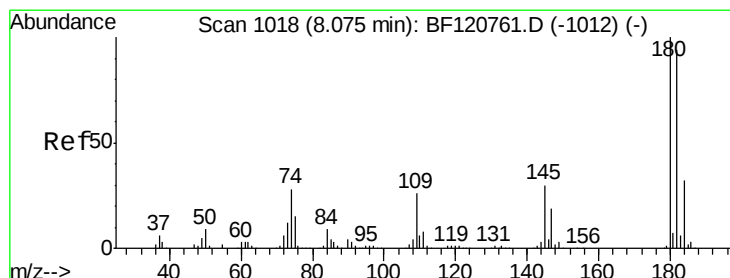
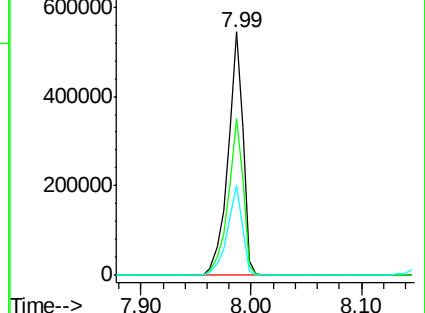
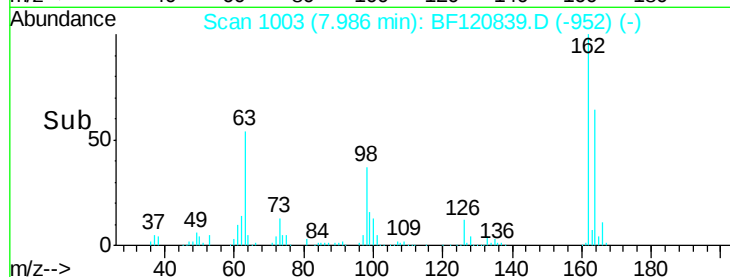
98 37.1 17.0 57.0



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: 43.361 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

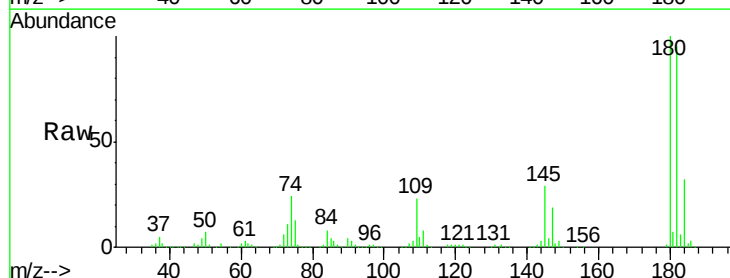
Tgt Ion:180 Resp: 572314

Ion Ratio Lower Upper

180 100

182 94.9 75.5 113.3

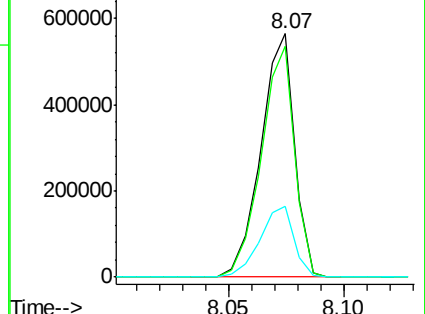
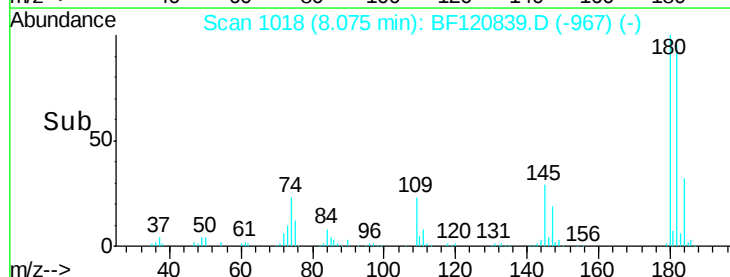
145 29.2 24.1 36.1

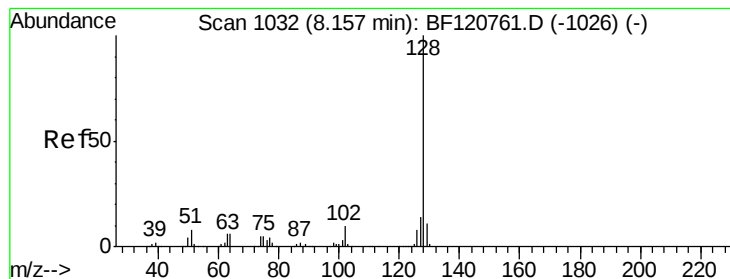


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.122 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

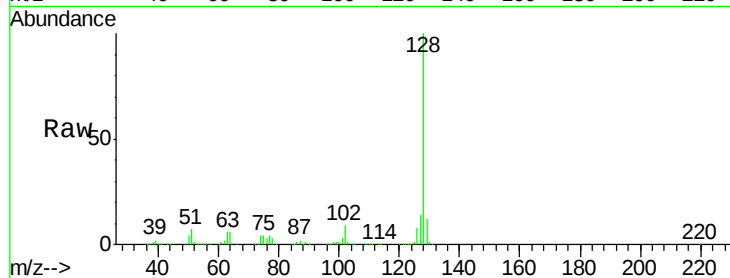
Tot Ion:128 Resp: 1783343

Ion Ratio Lower Upper

128 100

129 11.7 9.2 13.8

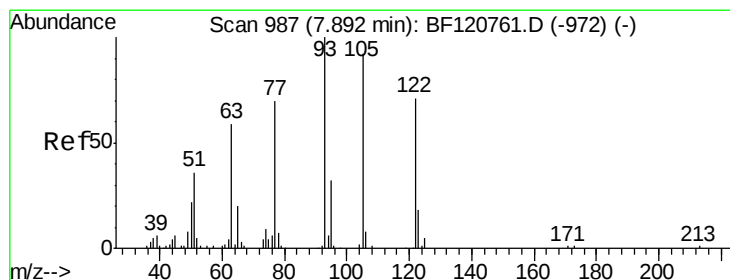
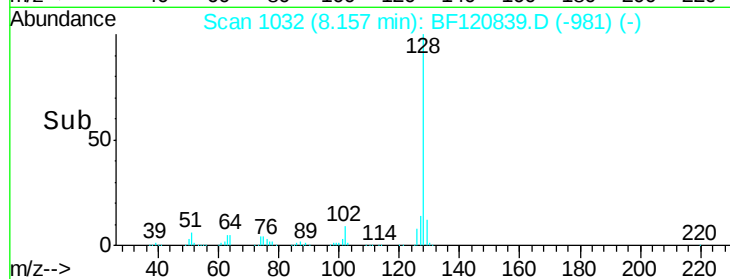
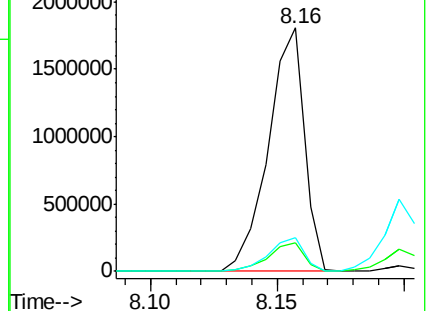
127 13.8 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.284 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

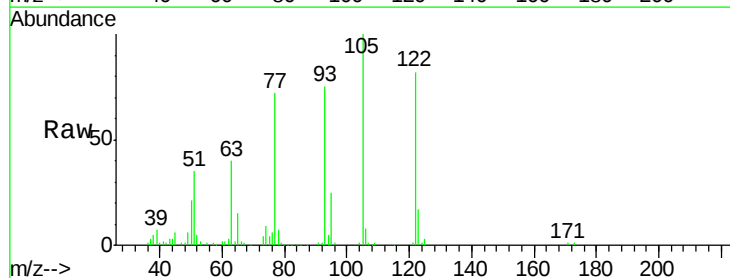
Tgt Ion:122 Resp: 201329

Ion Ratio Lower Upper

122 100

105 122.6 105.8 145.8

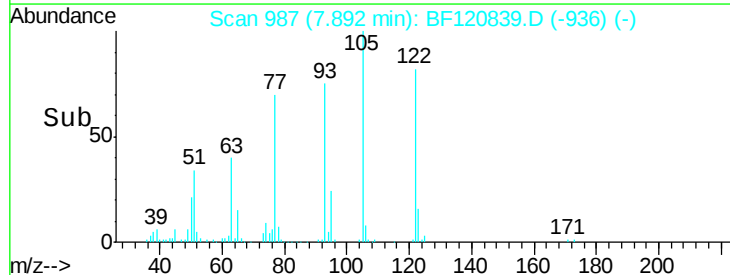
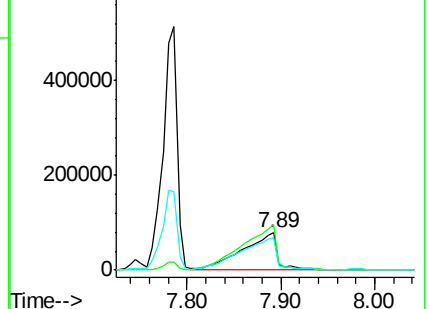
77 88.0 77.3 117.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

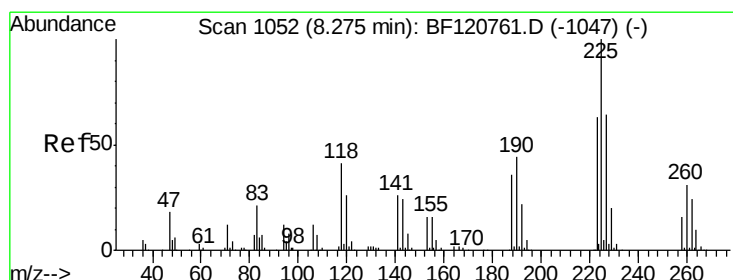
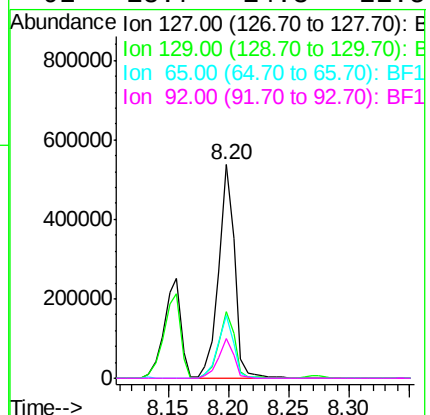
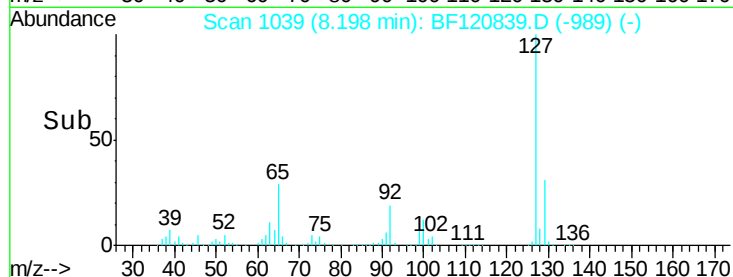
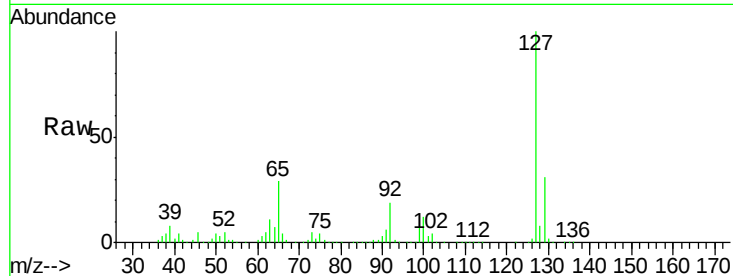




#33
4-Chloroaniline
Concen: 26.799 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

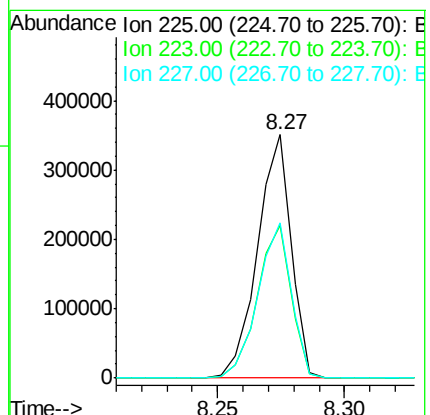
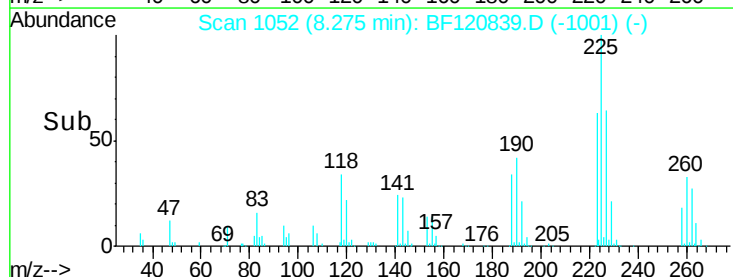
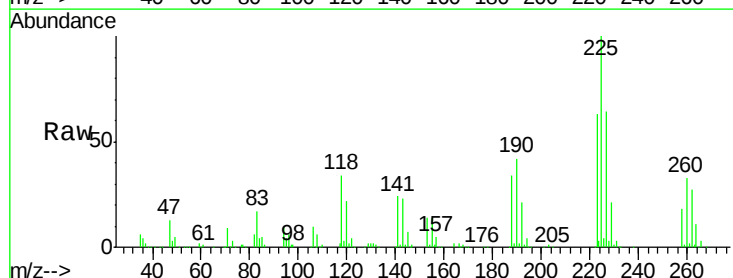
Instrument :
BNA_F
ClientSampleId :
MH1MS

Tot Ion:	127	Resp:	481456
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.6	39.8
65	29.2	22.7	34.1
92	18.7	14.3	21.5



#34
Hexachlorobutadiene
Concen: 41.074 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion:	225	Resp:	326052
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	63.8	51.4	77.2





#35

Caprolactam

Concen: 29.105 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

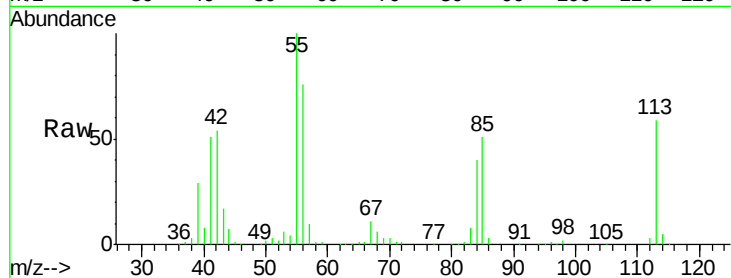
Tot Ion:113 Resp: 99657

Ion Ratio Lower Upper

113 100

55 170.6 168.3 208.3

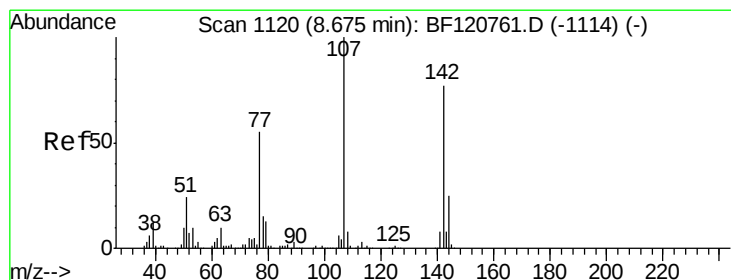
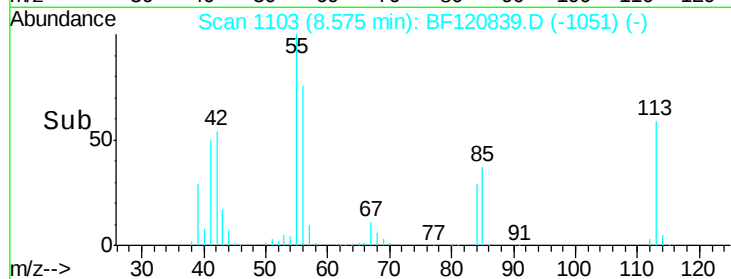
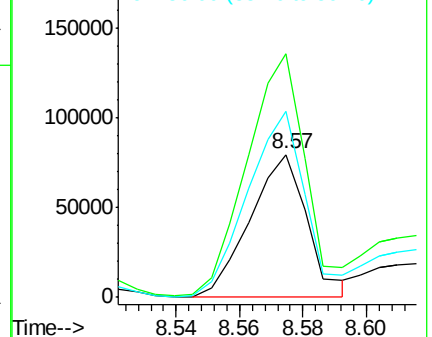
56 130.0 118.8 158.8



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: 43.829 ng

RT: 8.68 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

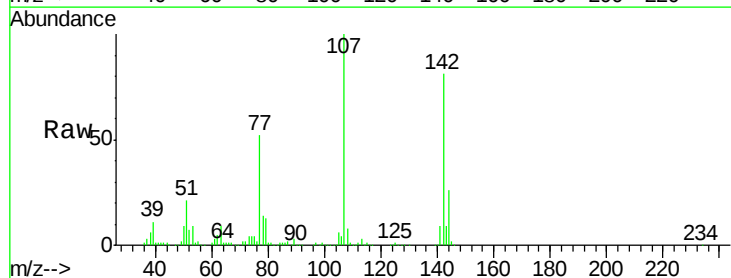
Tgt Ion:107 Resp: 535757

Ion Ratio Lower Upper

107 100

144 26.3 19.7 29.5

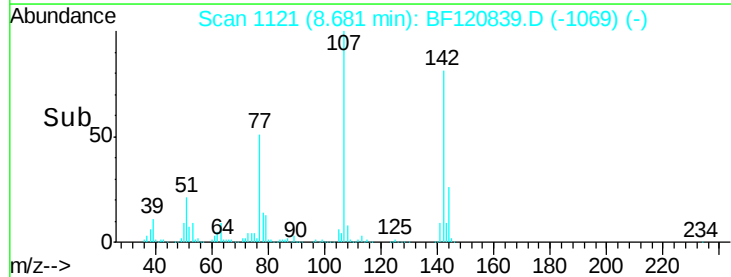
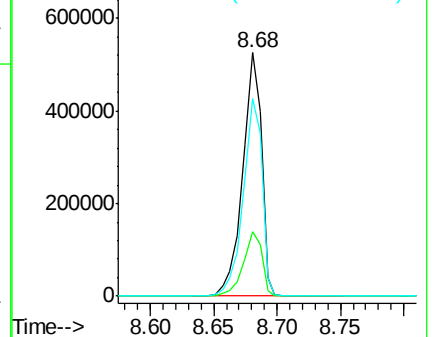
142 81.3 61.2 91.8

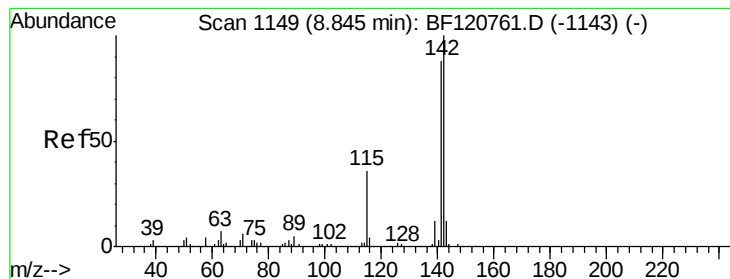


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.154 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

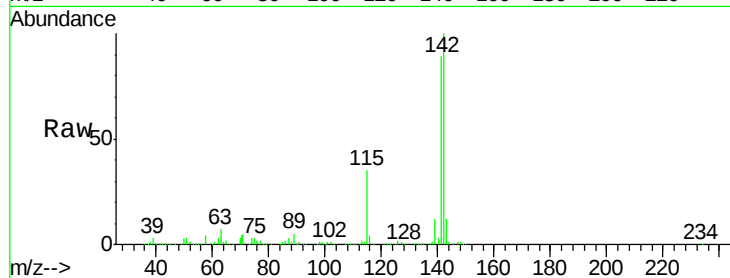
Tot Ion:142 Resp: 1187667

Ion Ratio Lower Upper

142 100

141 89.1 70.2 105.4

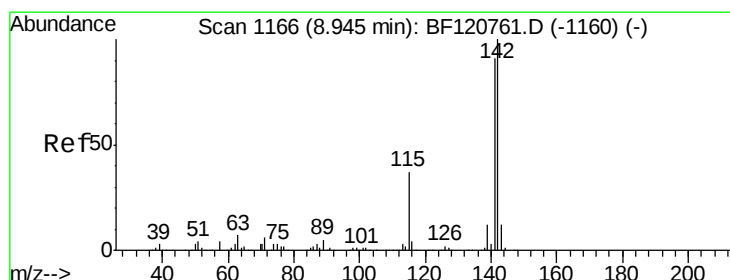
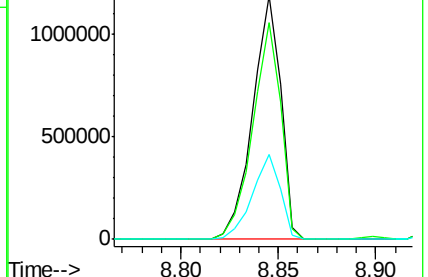
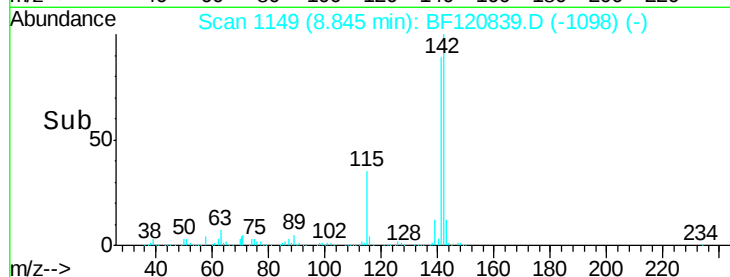
115 34.9 29.0 43.4



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: 42.508 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

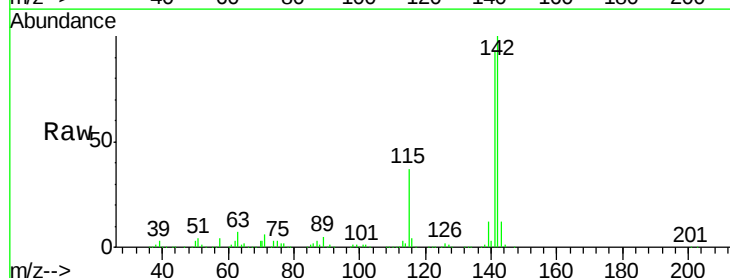
Tgt Ion:142 Resp: 1095847

Ion Ratio Lower Upper

142 100

141 92.9 72.5 108.7

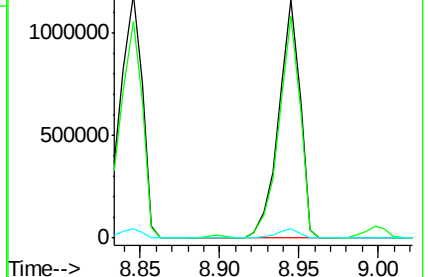
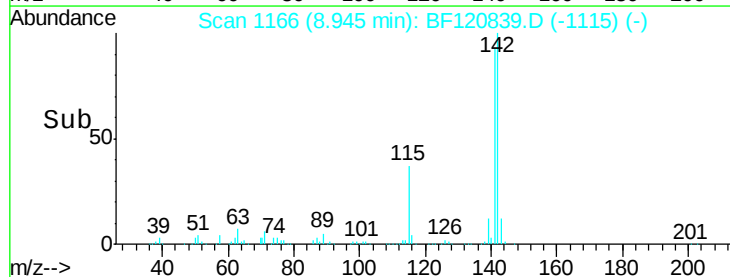
116 3.9 3.1 4.7

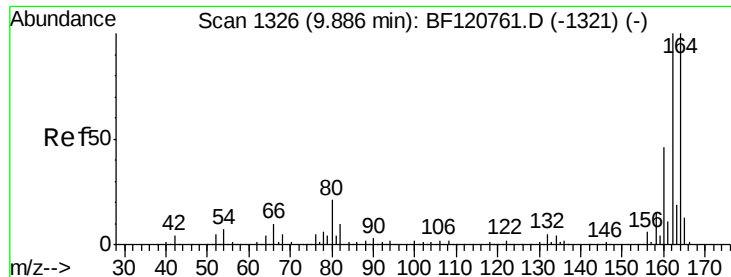


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

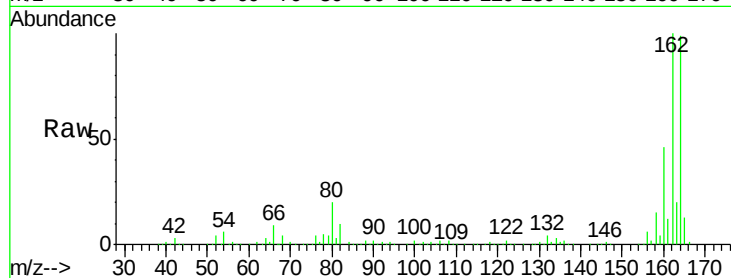
Tot Ion:164 Resp: 392911

Ion Ratio Lower Upper

164 100

162 101.2 80.2 120.2

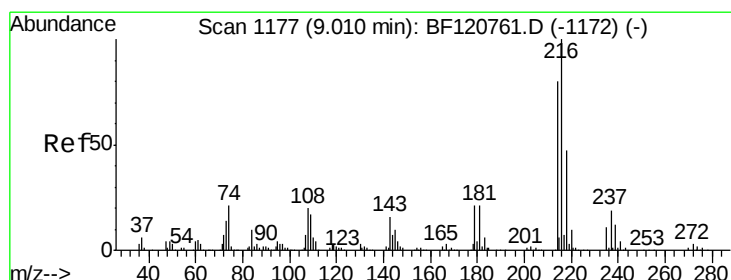
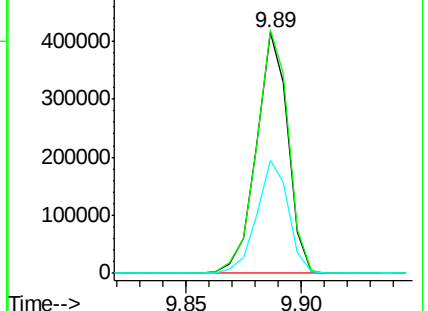
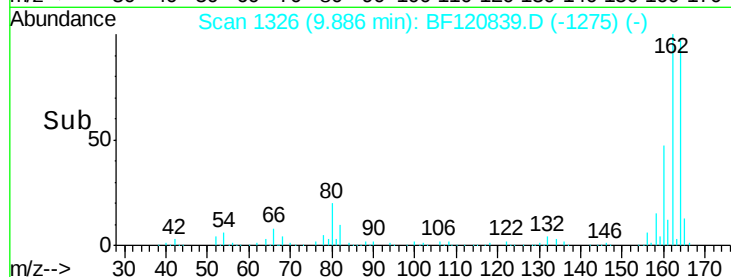
160 47.0 36.9 55.3



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: 41.699 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Tgt Ion:216 Resp: 495161

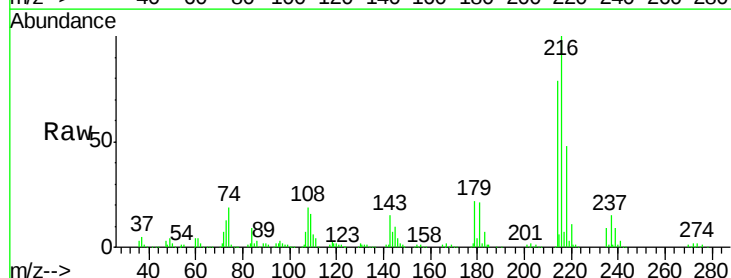
Ion Ratio Lower Upper

216 100

214 78.3 63.7 95.5

179 20.9 16.7 25.1

108 20.9 17.0 25.4

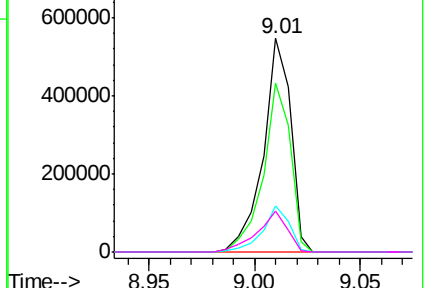
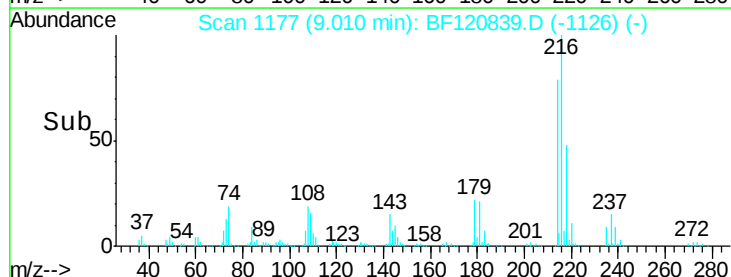


Abundance Ion 216.00 (215.70 to 216.70): E

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: 63.050 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

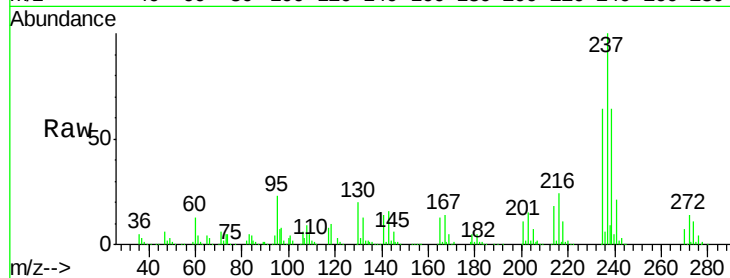
Tot Ion:237 Resp: 442361

Ion Ratio Lower Upper

237 100

235 63.5 42.1 82.1

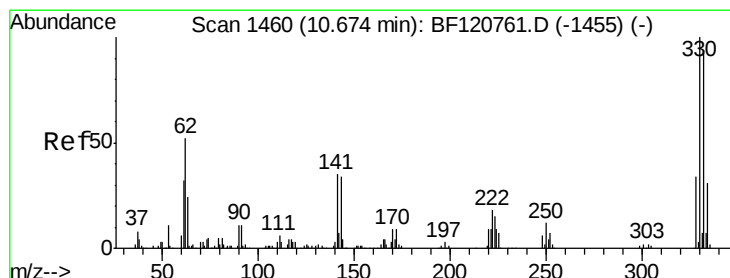
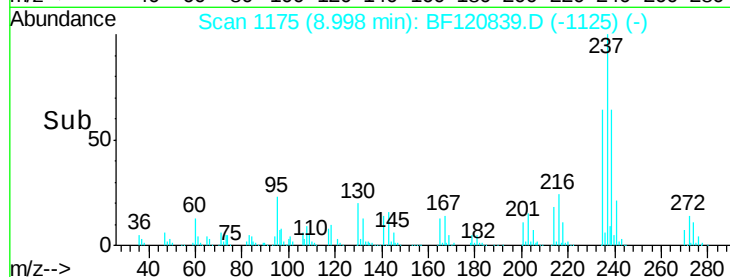
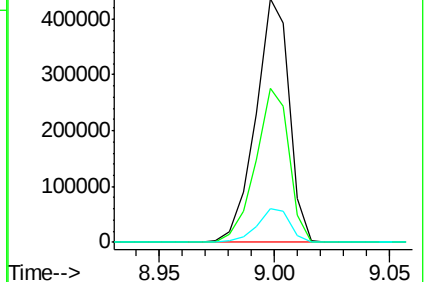
272 13.7 0.0 33.4



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: 104.962 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

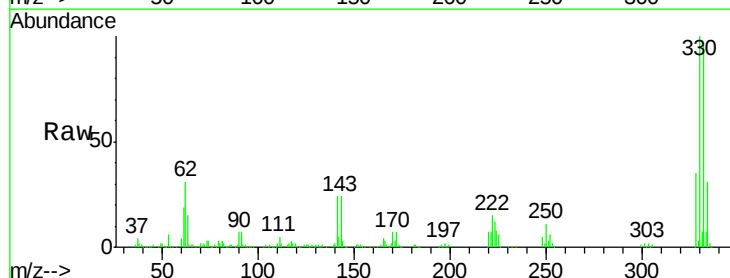
Tgt Ion:330 Resp: 414321

Ion Ratio Lower Upper

330 100

332 96.7 75.8 113.6

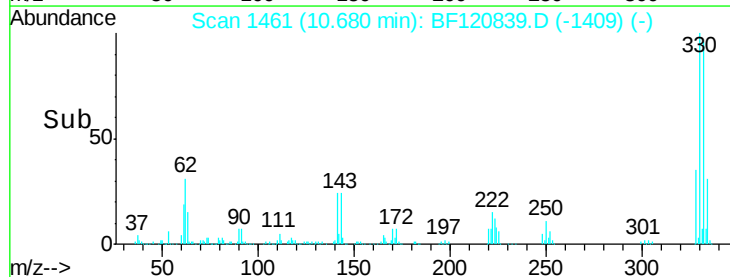
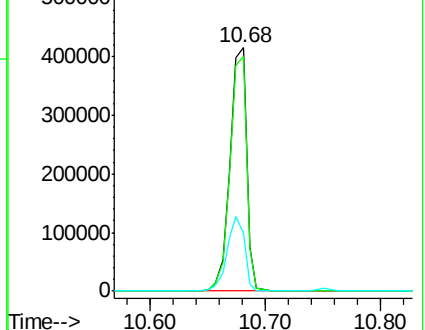
141 32.1 29.7 44.5

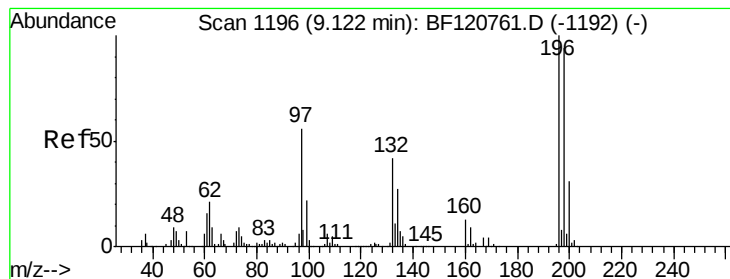


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 46.137 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampled :

MH1MS

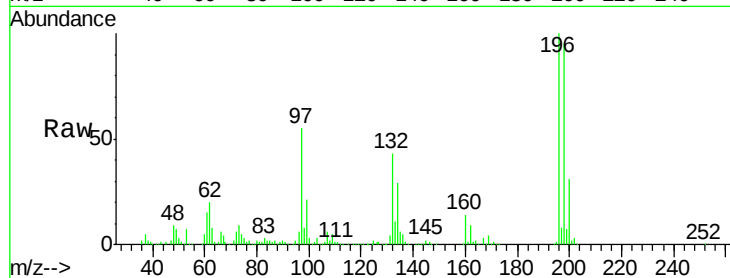
Tot Ion:196 Resp: 373319

Ion Ratio Lower Upper

196 100

198 95.1 75.3 112.9

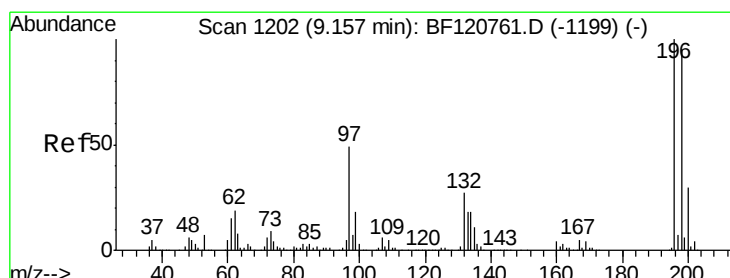
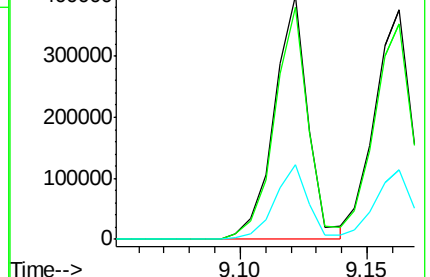
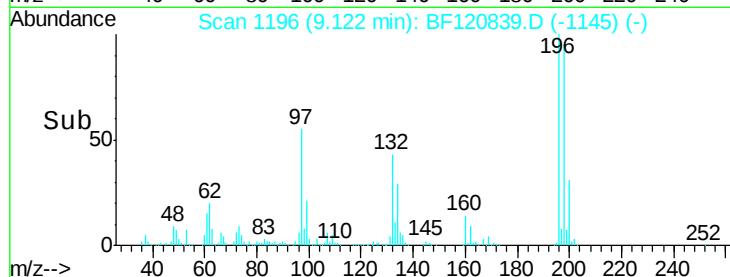
200 30.6 24.4 36.6



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: 42.228 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Tgt Ion:196 Resp: 379199

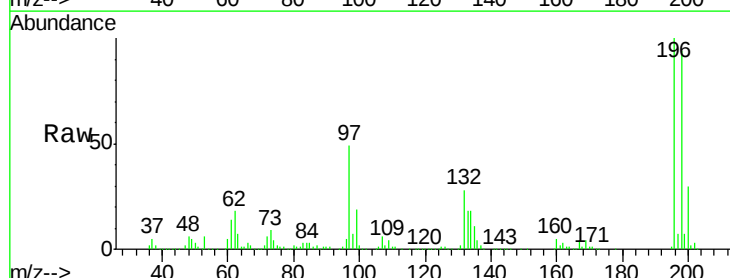
Ion Ratio Lower Upper

196 100

198 93.6 76.2 114.2

97 48.9 39.6 59.4

132 27.6 22.0 33.0

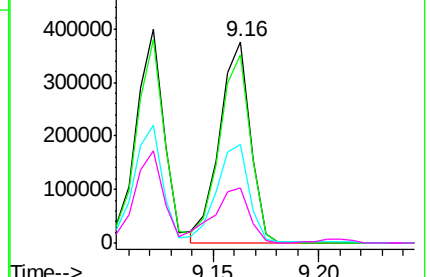
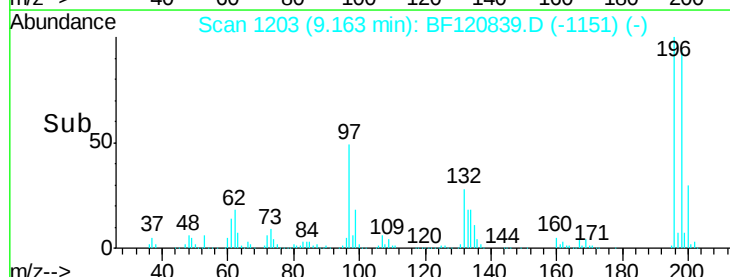


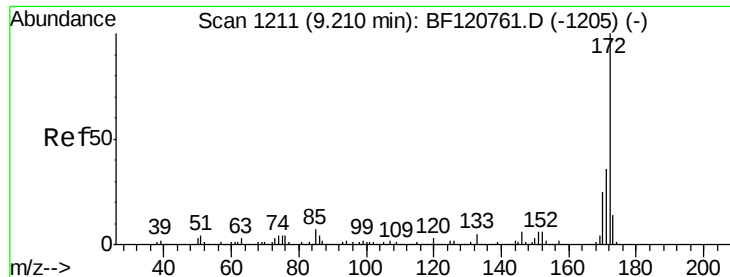
Abundance Ion 196.00 (195.70 to 196.70): E

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



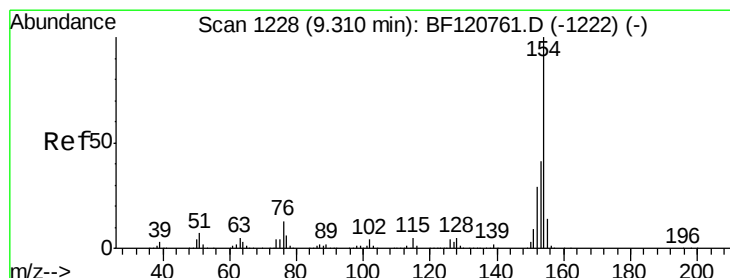
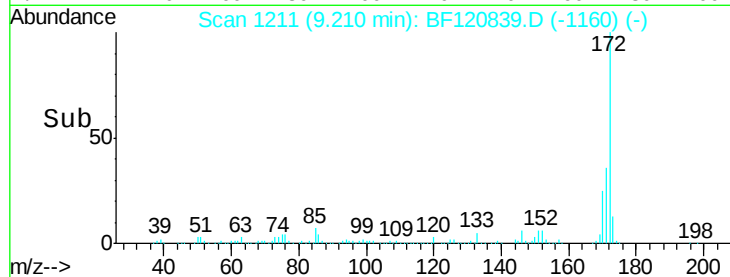
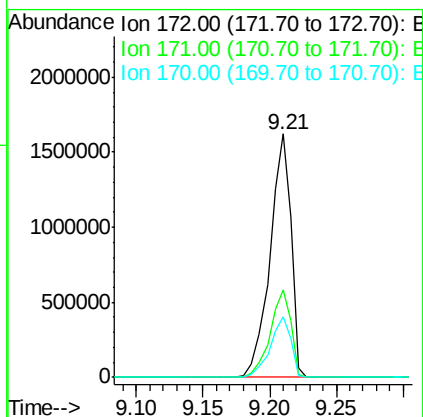
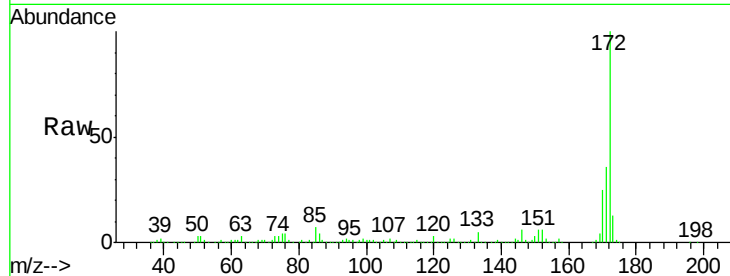


#45
 2-Fluorobiphenyl
 Concen: 68.012 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MH1MS

Tot Ion:172 Resp: 1766264

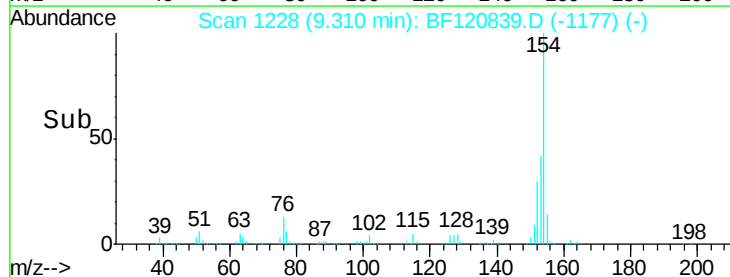
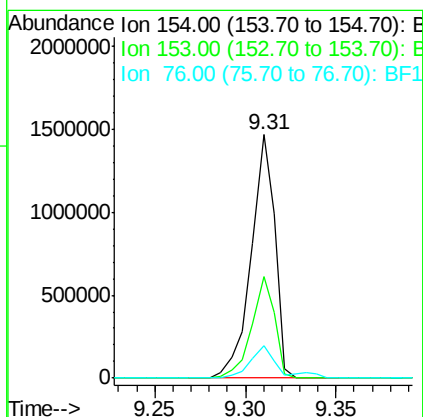
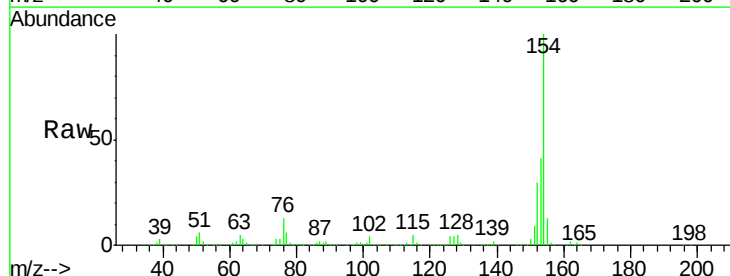
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.1	43.7
170	24.9	19.8	29.6

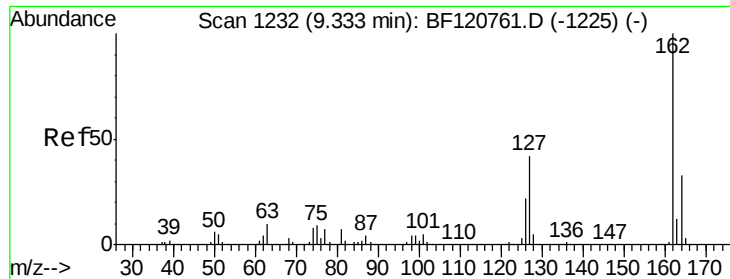


#46
 1,1'-Biphenyl
 Concen: 42.112 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Tgt Ion:154 Resp: 1334662

Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.7	60.7
76	13.1	0.0	33.3

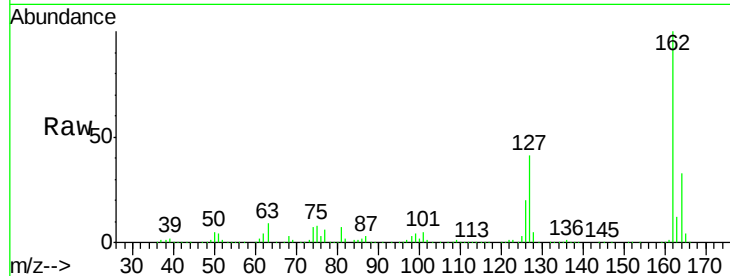




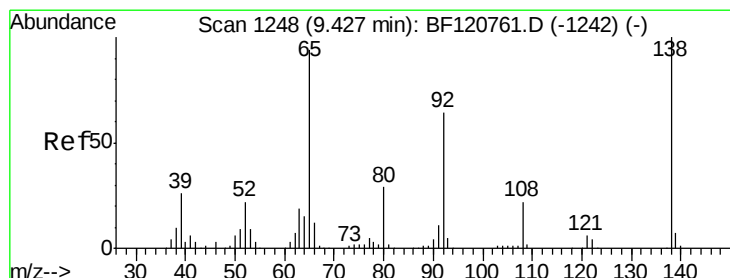
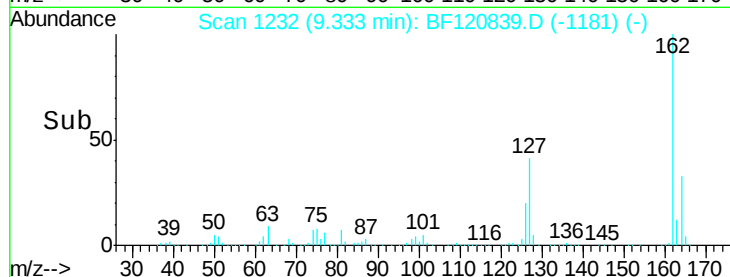
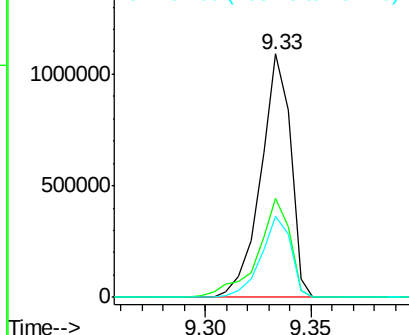
#47
 2-Chloronaphthalene
 Concen: 42.298 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Instrument :
 BNA_F
 ClientSampled :
 MH1MS

Tot Ion:162 Resp: 1073961
 Ion Ratio Lower Upper
 162 100
 127 40.7 33.7 50.5
 164 33.2 26.4 39.6

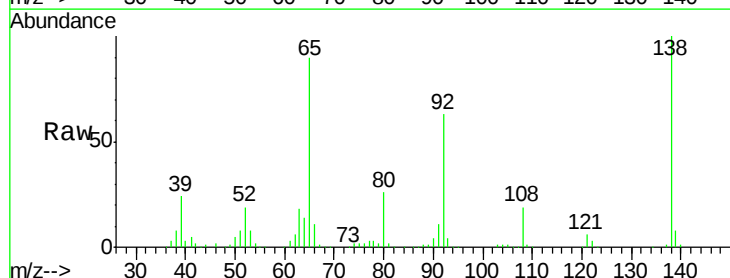


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

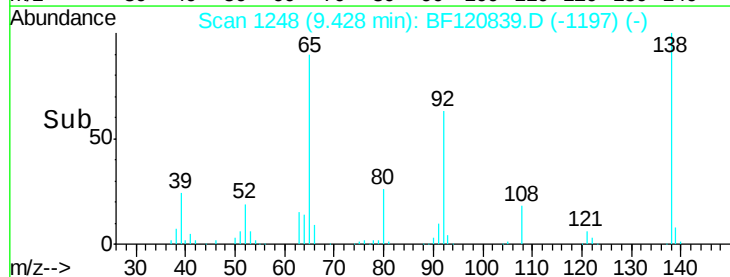
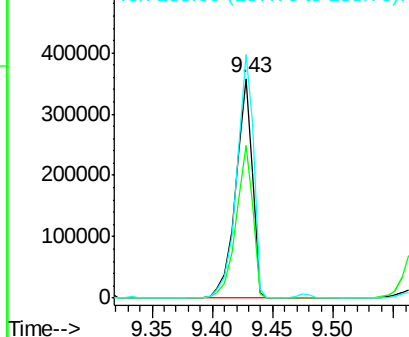


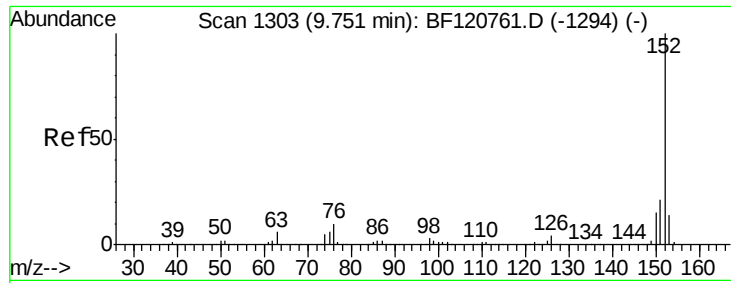
#48
 2-Nitroaniline
 Concen: 45.417 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Tgt Ion: 65 Resp: 344152
 Ion Ratio Lower Upper
 65 100
 92 69.5 54.4 81.6
 138 110.7 84.7 127.1



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





#49

Acenaphthylene

Concen: 42.035 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

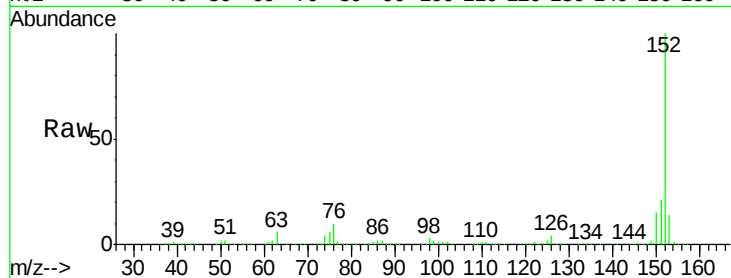
Tot Ion:152 Resp: 1673297

Ion Ratio Lower Upper

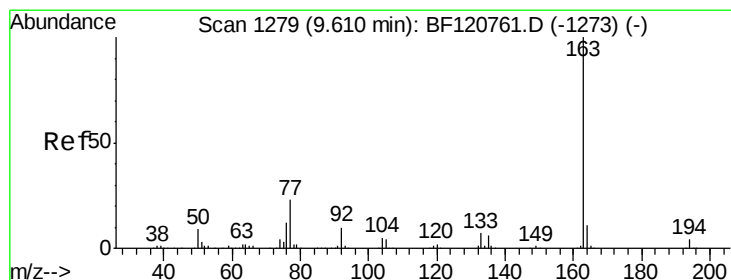
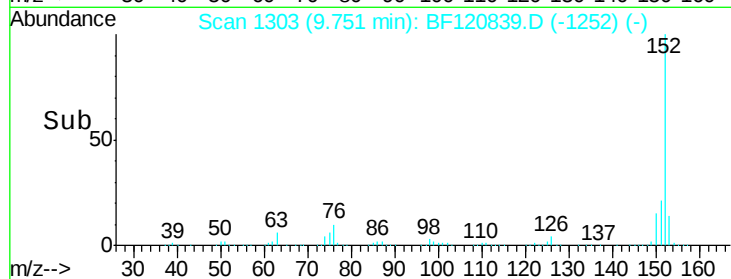
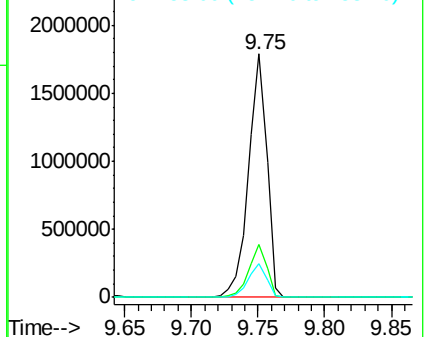
152 100

151 21.5 16.9 25.3

153 13.9 10.8 16.2



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: 45.652 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

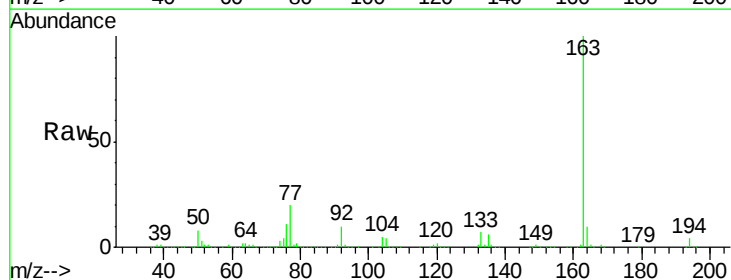
Tgt Ion:163 Resp: 1308470

Ion Ratio Lower Upper

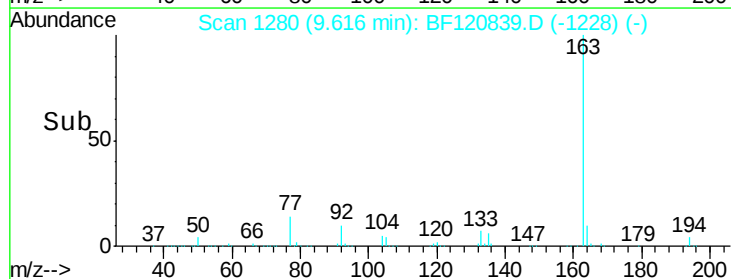
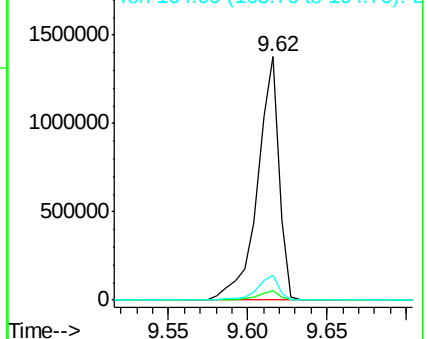
163 100

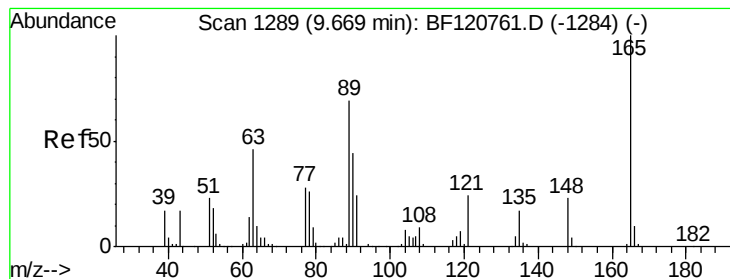
194 3.9 2.9 4.3

164 10.3 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.326 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

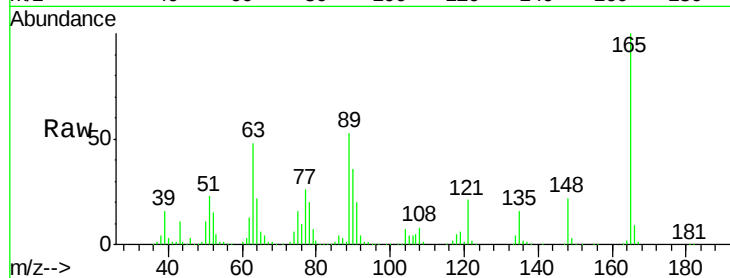
Tot Ion:165 Resp: 275371

Ion Ratio Lower Upper

165 100

63 48.2 54.0 81.0#

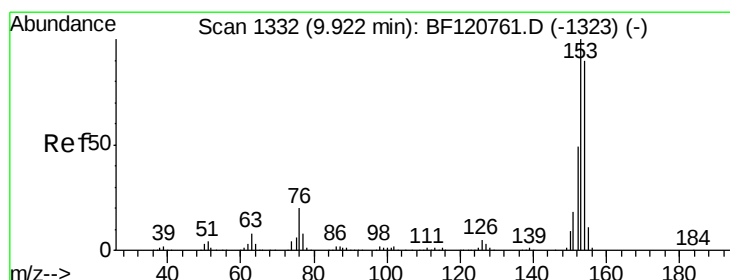
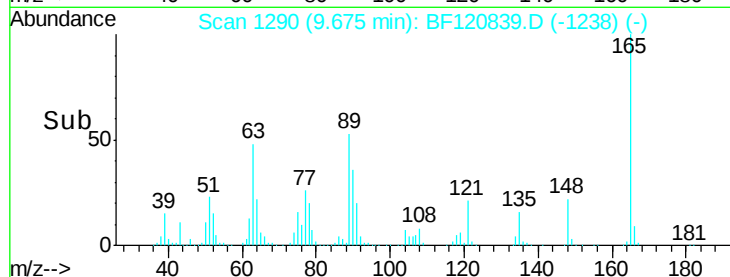
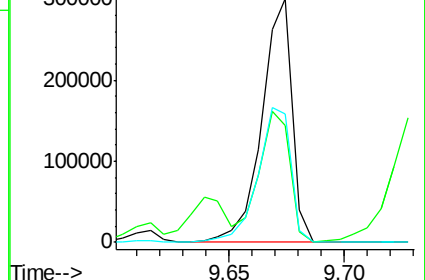
89 53.0 55.4 83.2#



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: 41.939 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

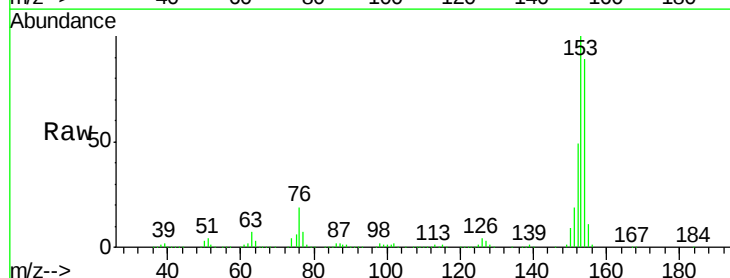
Tgt Ion:154 Resp: 1035708

Ion Ratio Lower Upper

154 100

153 112.1 88.6 132.8

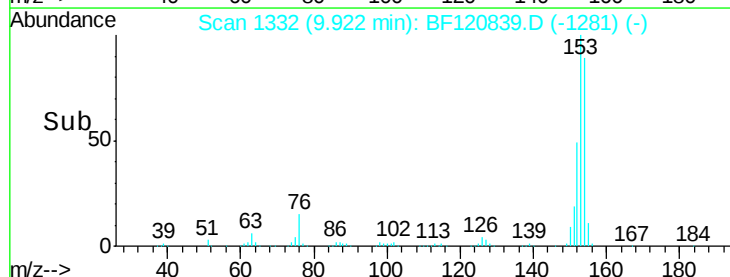
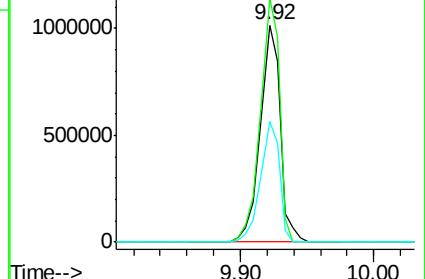
152 55.4 43.6 65.4

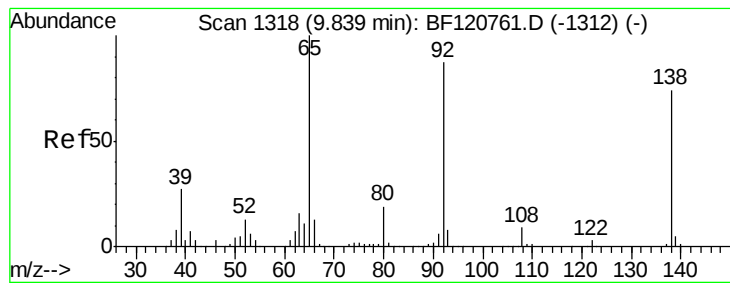


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 35.454 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

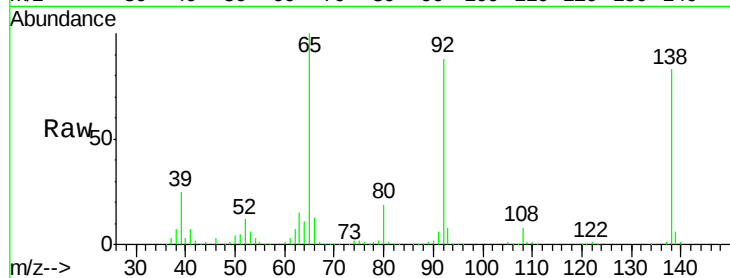
Tot Ion:138 Resp: 243565

Ion Ratio Lower Upper

138 100

108 9.8 9.8 14.6

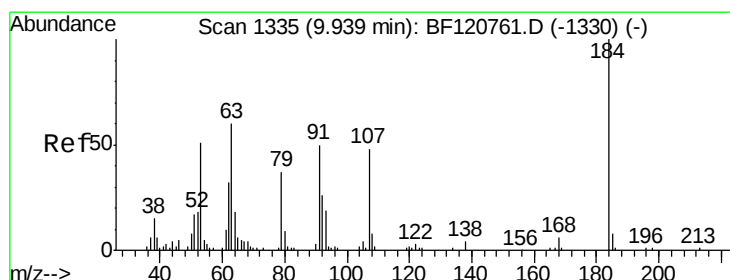
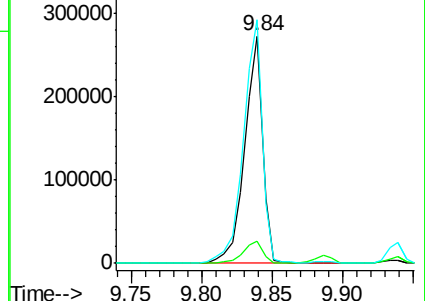
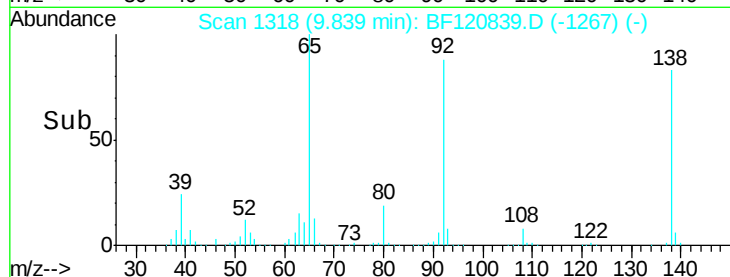
92 107.1 93.4 140.2



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: 37.665 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

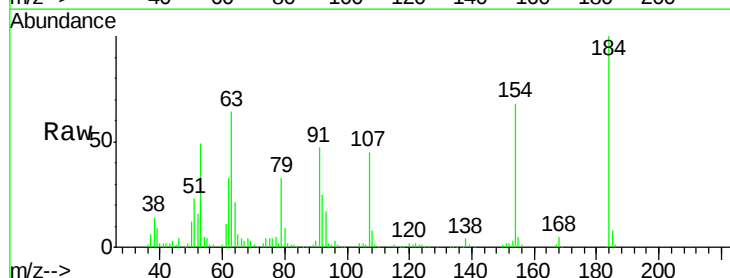
Tgt Ion:184 Resp: 71576

Ion Ratio Lower Upper

184 100

63 63.7 57.3 85.9

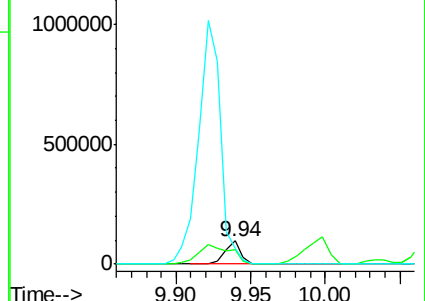
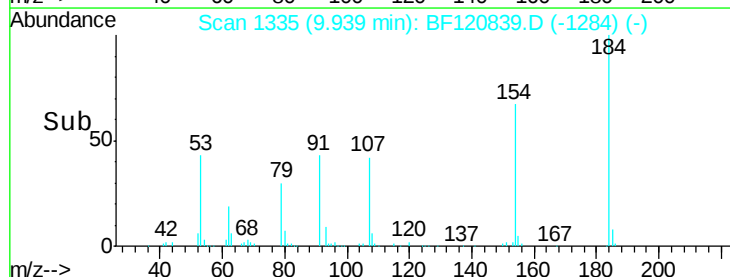
154 67.6 55.8 83.6



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

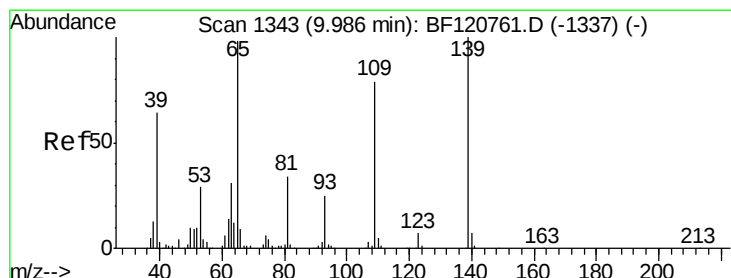
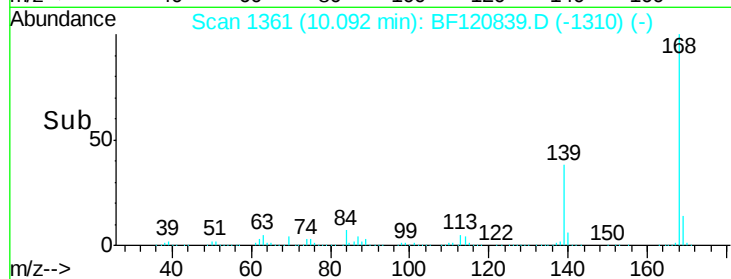
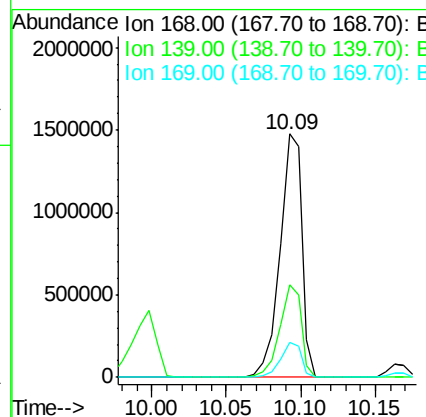
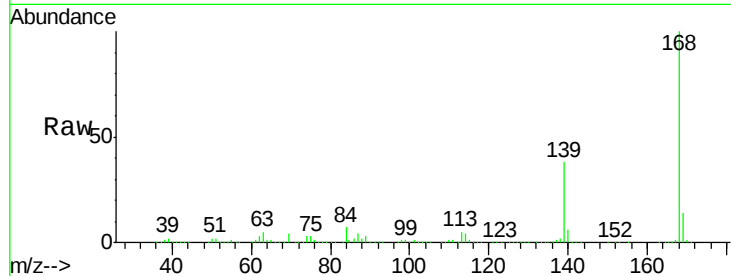




#55
Dibenzenofuran
Concen: 42.499 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

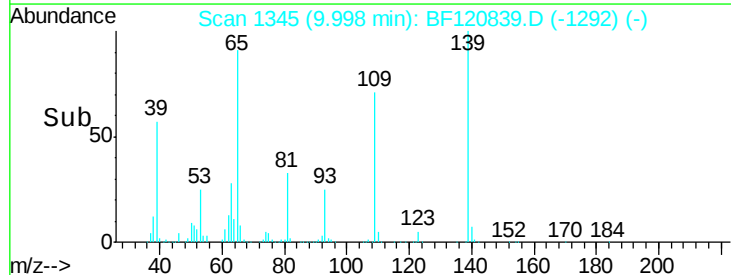
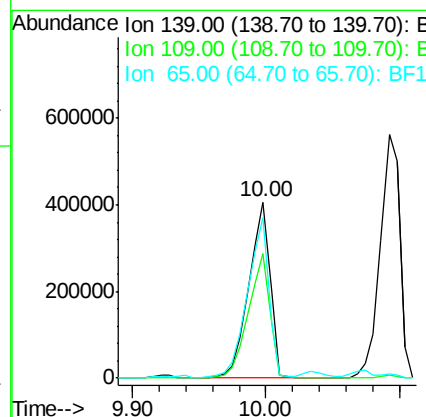
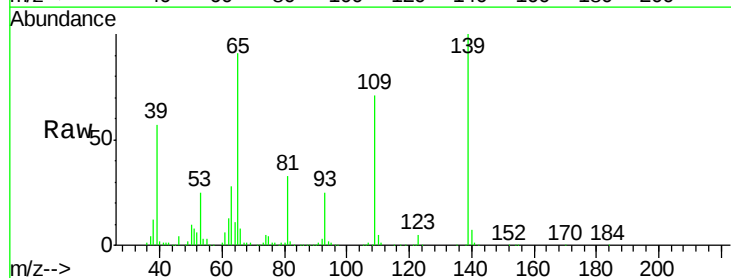
Instrument :
BNA_F
ClientSampleId :
MH1MS

Tot Ion:168 Resp: 1512848
Ion Ratio Lower Upper
168 100
139 38.1 31.3 46.9
169 14.3 11.2 16.8



#56
4-Nitrophenol
Concen: 84.947 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion:139 Resp: 447216
Ion Ratio Lower Upper
139 100
109 70.8 58.6 98.6
65 91.4 78.7 118.7

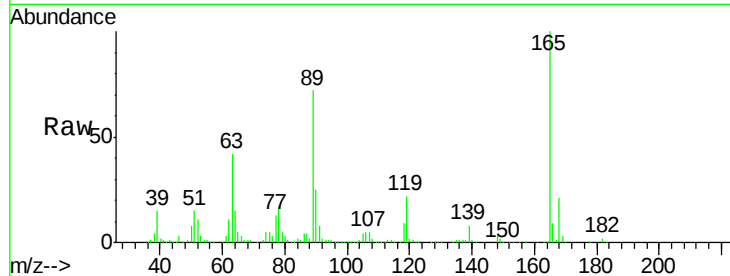




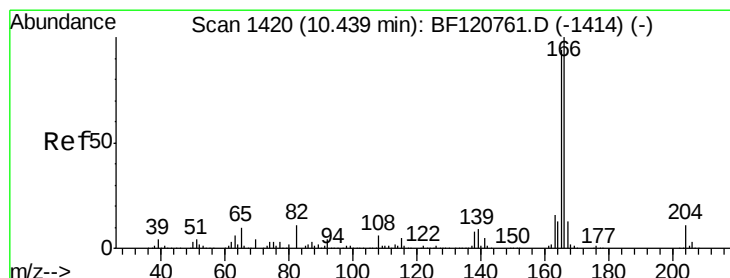
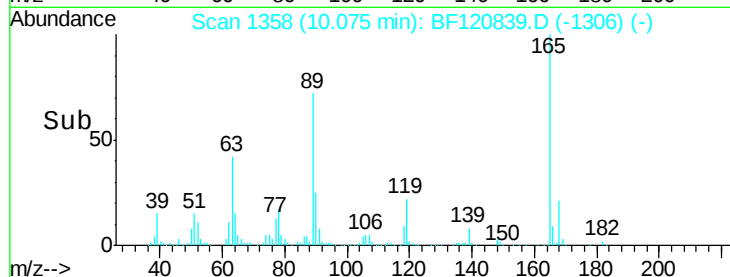
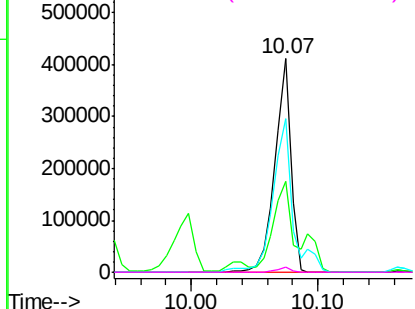
#57
2,4-Dinitrotoluene
Concen: 50.488 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MH1MS

Tot Ion:165 Resp: 359450
Ion Ratio Lower Upper
165 100
63 42.5 43.8 65.8#
89 72.0 71.4 107.2
182 2.3 1.8 2.6

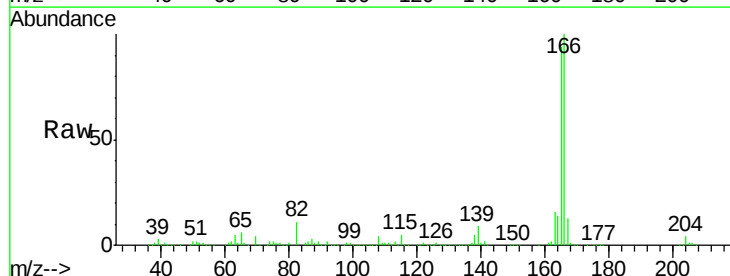


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

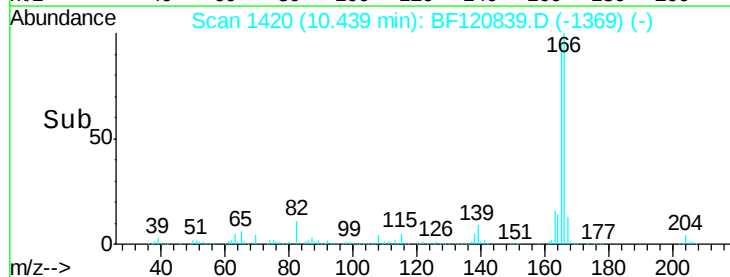
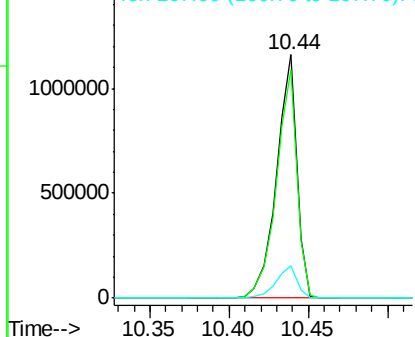


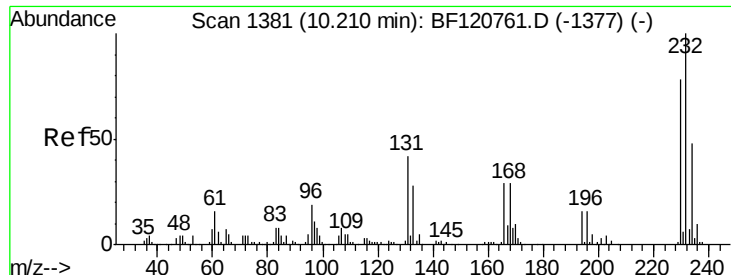
#58
Fluorene
Concen: 39.213 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion:166 Resp: 1038992
Ion Ratio Lower Upper
166 100
165 94.0 75.5 113.3
167 13.4 10.6 16.0



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: 45.432 ng

RT: 10.21 min Scan# 1381

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

Tot Ion:232 Resp: 303596

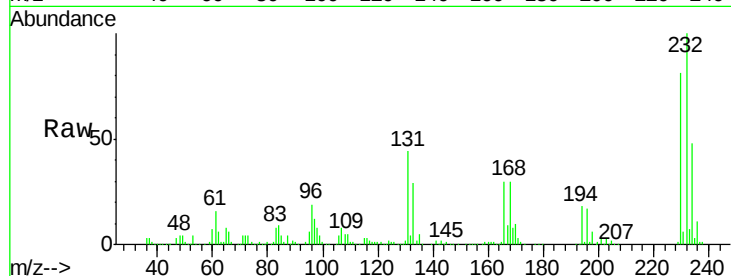
Ion Ratio Lower Upper

232 100

131 47.0 36.3 54.5

130 2.5 2.0 3.0

166 31.2 20.9 31.3

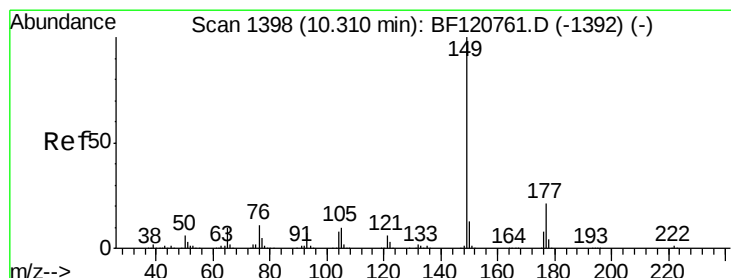
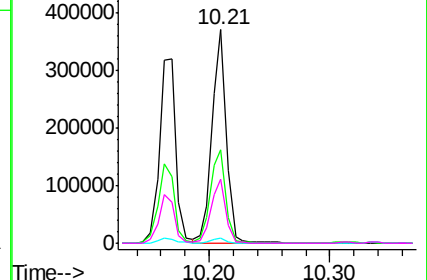
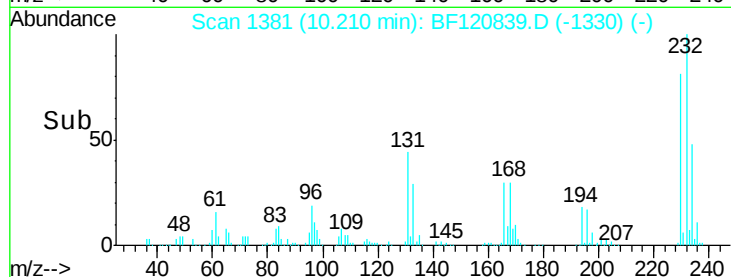


Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.577 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

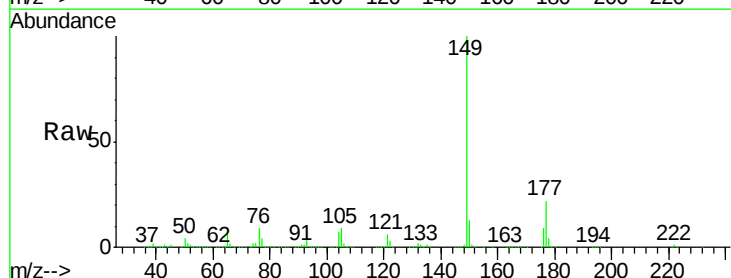
Tgt Ion:149 Resp: 1241386

Ion Ratio Lower Upper

149 100

177 22.4 16.4 24.6

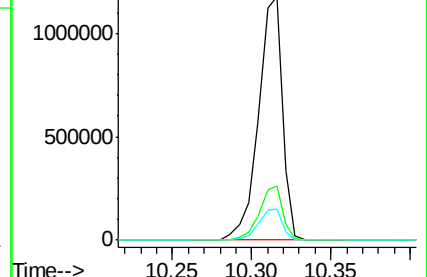
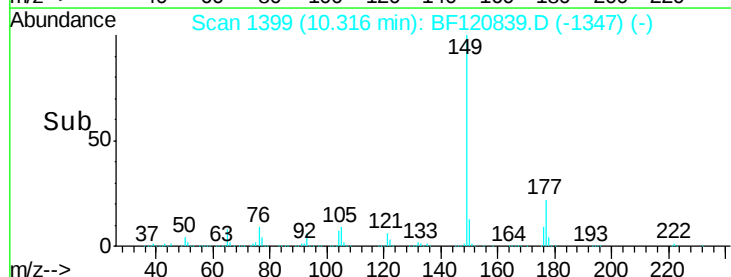
150 12.7 10.2 15.4



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

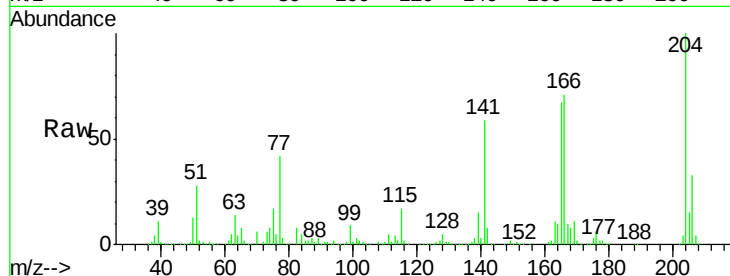




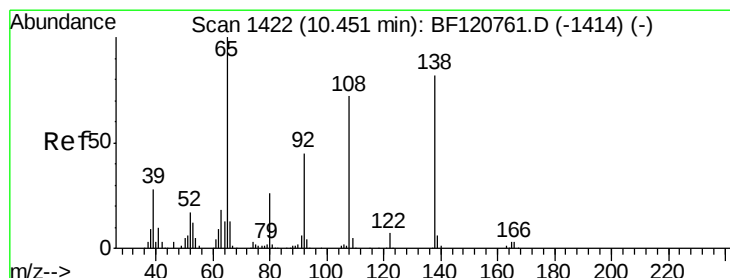
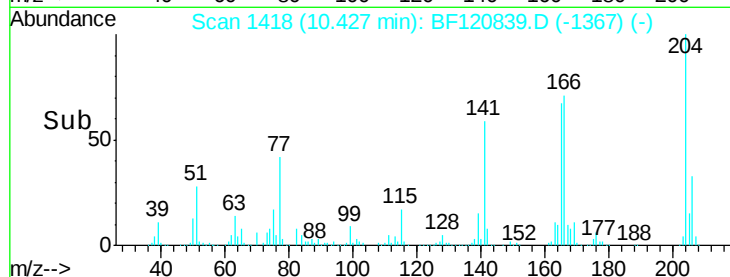
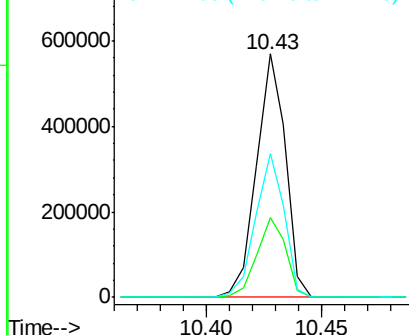
#61
4-Chlorophenyl-phenylether
Concen: 37.506 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MH1MS

Tot Ion:204 Resp: 499572
Ion Ratio Lower Upper
204 100
206 32.8 26.7 40.1
141 59.1 48.5 72.7

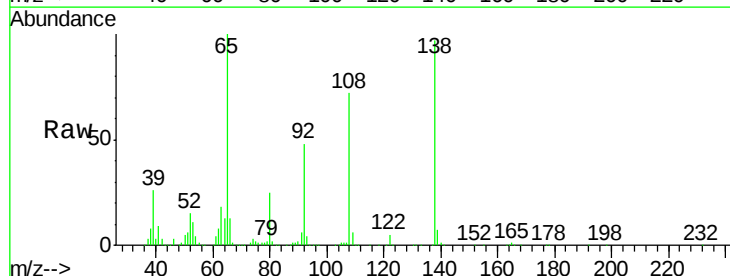


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

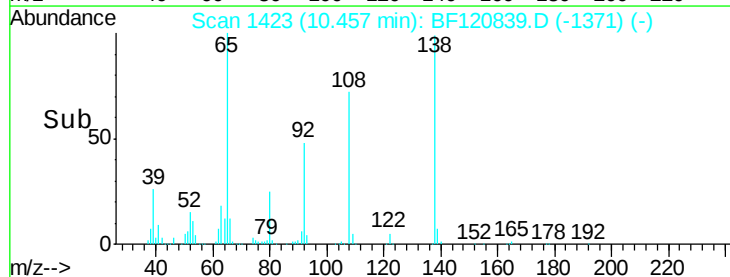
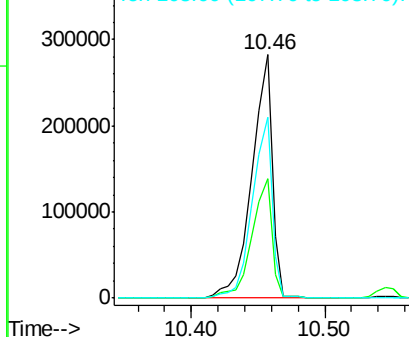


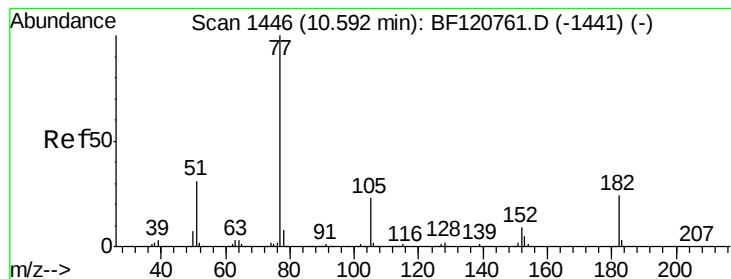
#62
4-Nitroaniline
Concen: 48.367 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion:138 Resp: 294548
Ion Ratio Lower Upper
138 100
92 49.0 34.3 74.3
108 74.1 68.3 108.3



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





#63

Azobenzene

Concen: 39.471 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

Tot Ion: 77 Resp: 1205542

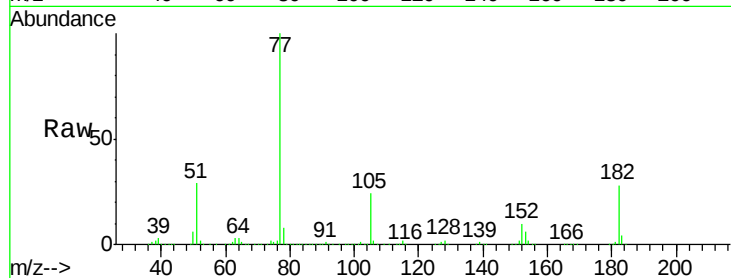
Ion Ratio Lower Upper

77 100

182 28.3 4.0 44.0

105 24.0 2.6 42.6

51 29.2 11.5 51.5

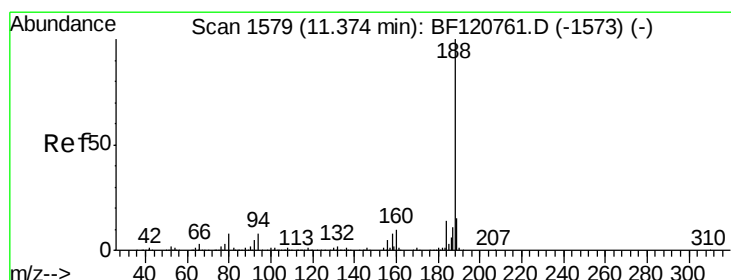
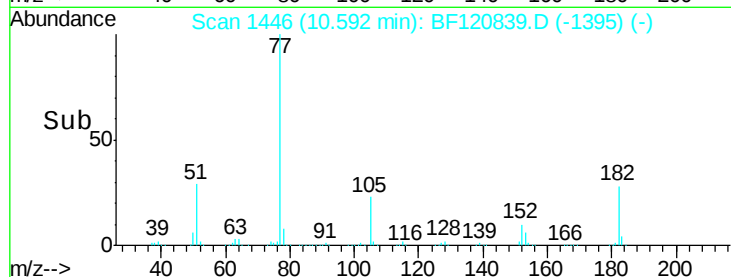
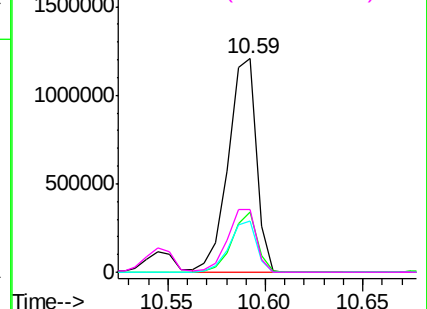


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

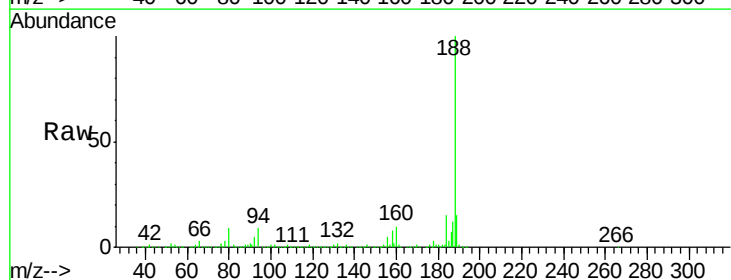
Tgt Ion: 188 Resp: 725197

Ion Ratio Lower Upper

188 100

94 8.8 6.6 9.8

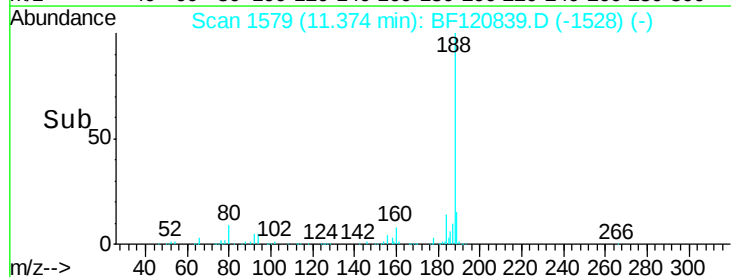
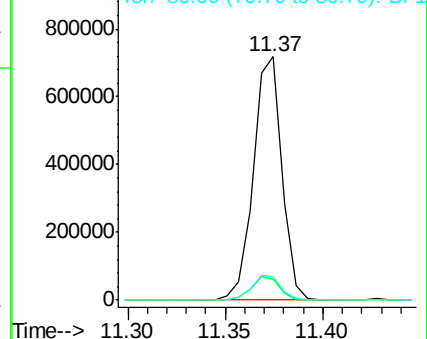
80 9.5 6.6 10.0

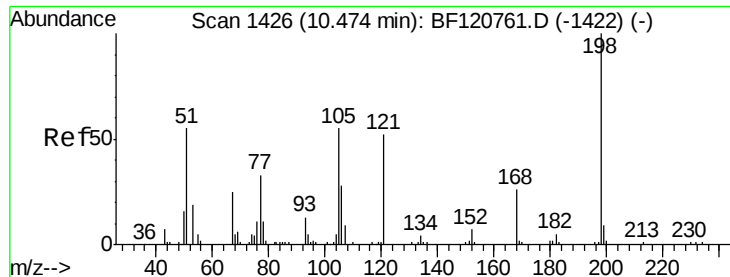


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

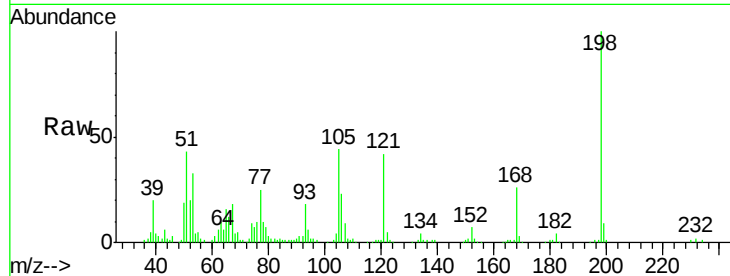




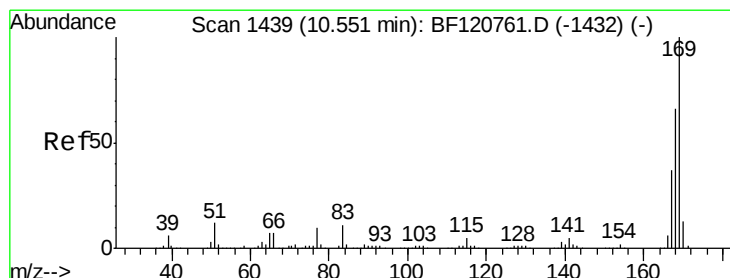
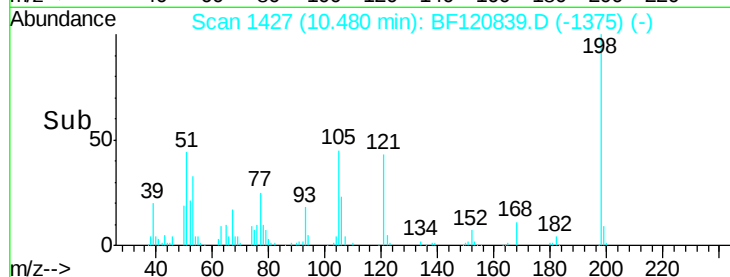
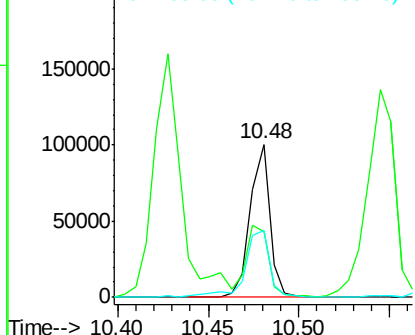
#65
 4,6-Dinitro-2-methylphenol
 Concen: 28.481 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MH1MS

Tot Ion:198 Resp: 76680
 Ion Ratio Lower Upper
 198 100
 51 43.0 50.0 90.0#
 105 43.5 38.3 78.3

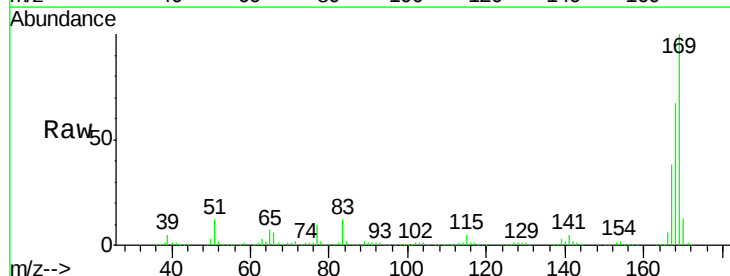


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

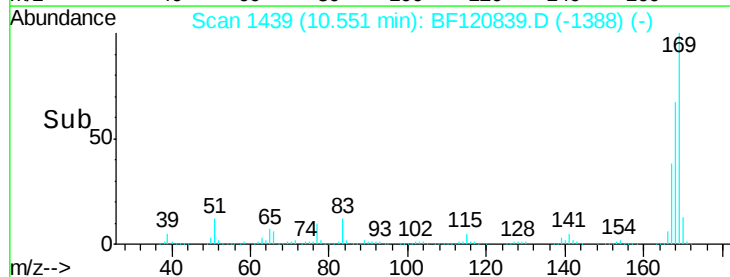
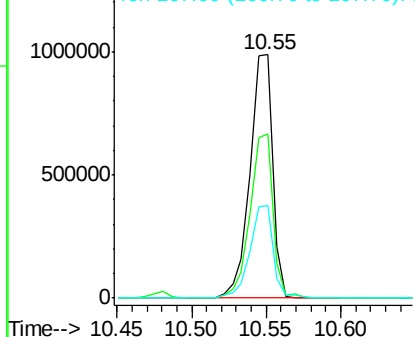


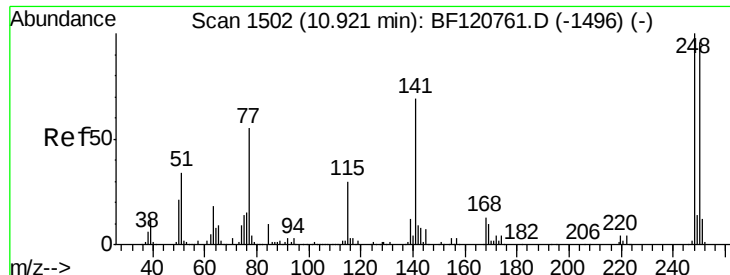
#66
 n-Nitrosodiphenylamine
 Concen: 42.475 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Tgt Ion:169 Resp: 1032448
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.1 79.7
 167 37.9 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

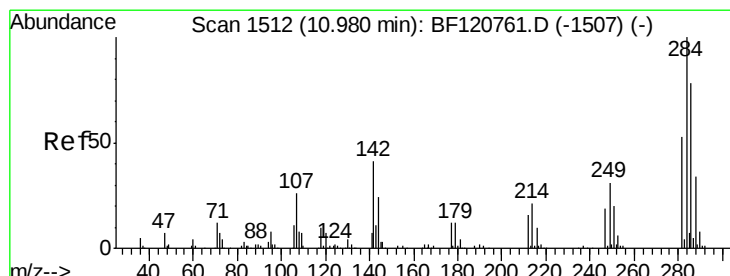
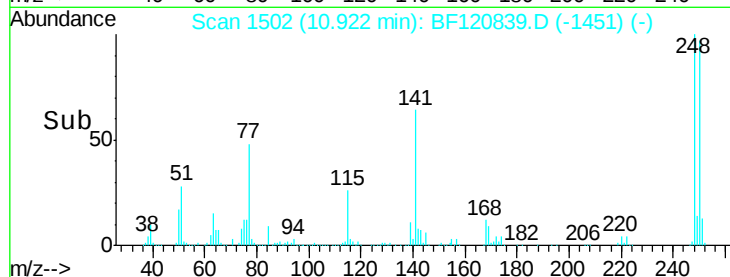
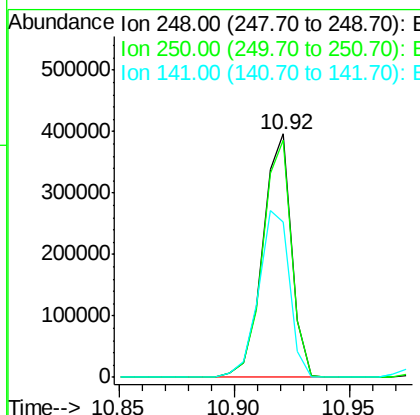
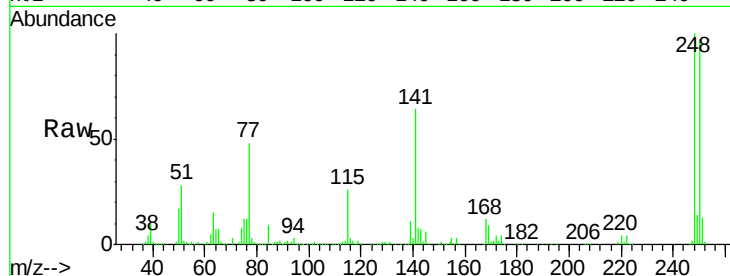




#67
 4-Bromophenyl-phenylether
 Concen: 40.987 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

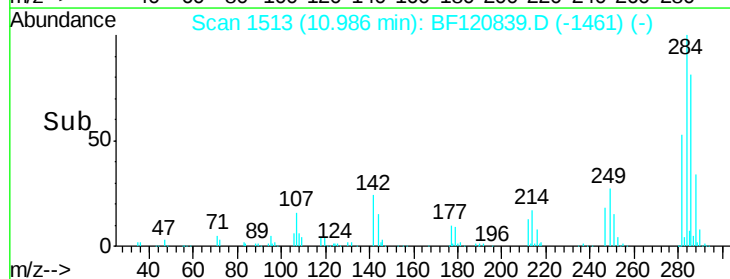
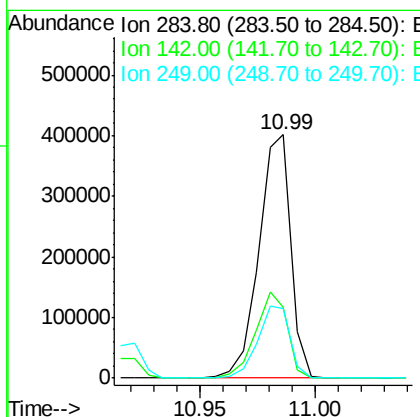
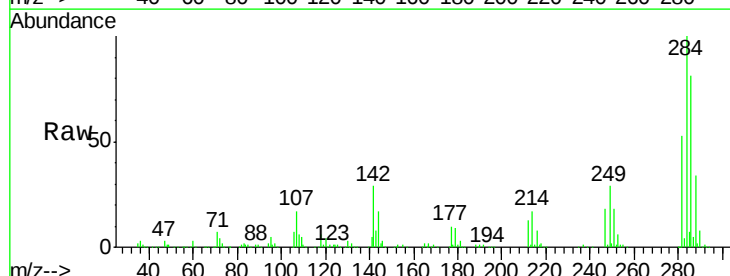
Instrument :
 BNA_F
 ClientSampled :
 MH1MS

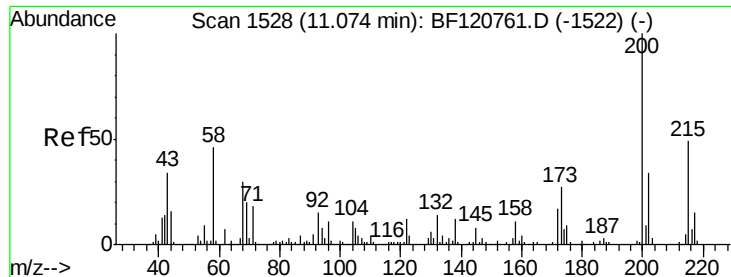
Tot Ion:248 Resp: 344792
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.5 114.7
 141 63.6 54.9 82.3



#68
 Hexachlorobenzene
 Concen: 43.714 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.01 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Tgt Ion:284 Resp: 385883
 Ion Ratio Lower Upper
 284 100
 142 28.9 32.5 48.7#
 249 28.5 24.8 37.2

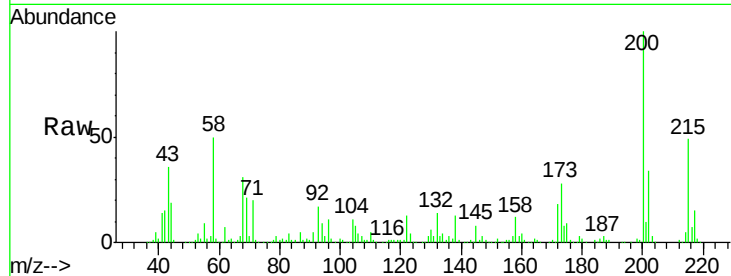




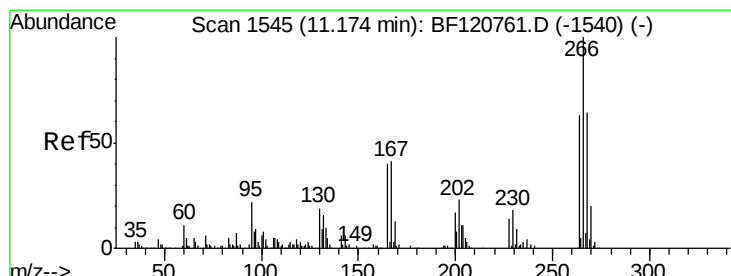
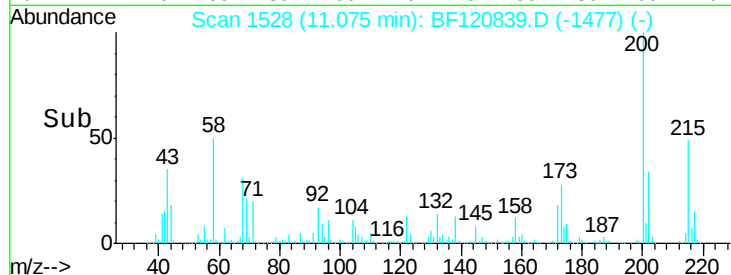
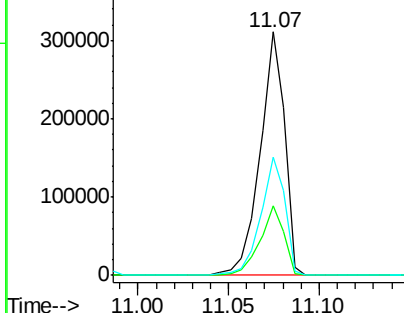
#69
 Atrazine
 Concen: 46.637 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.00 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MH1MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.4	47.4
215	48.8	28.8	68.8

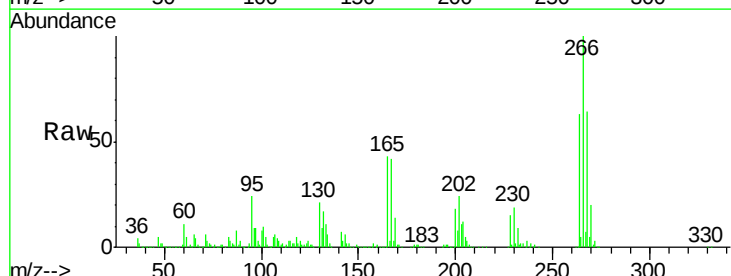


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

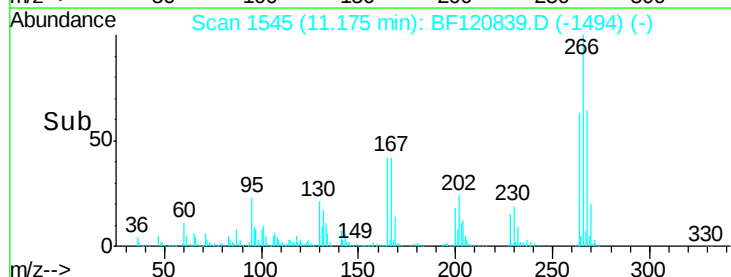
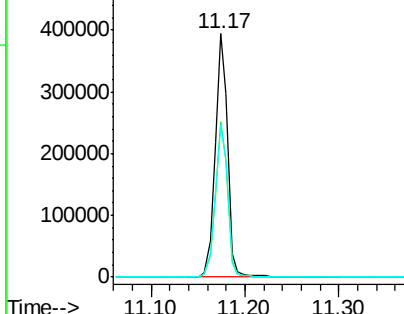


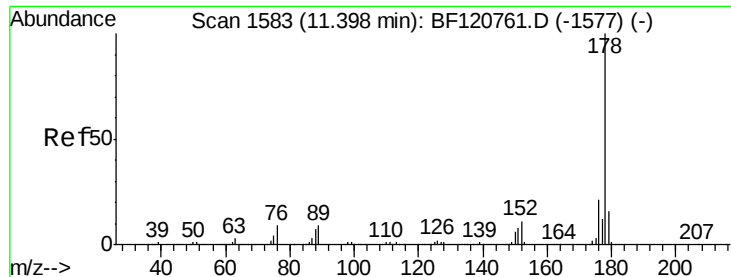
#70
 Pentachlorophenol
 Concen: 74.002 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.4	77.2
264	62.7	50.6	75.8



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





#71

Phenanthrene

Concen: 44.419 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

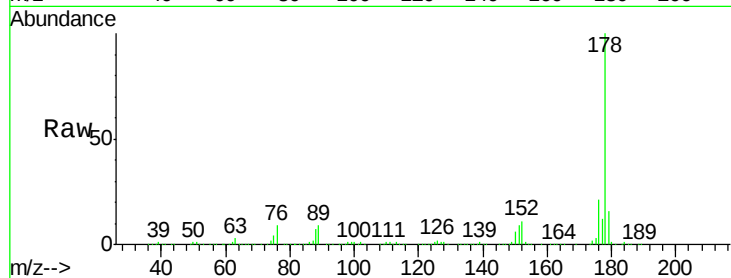
BNA_F

ClientSampleId :

MH1MS

Tot Ion:178 Resp: 1747796

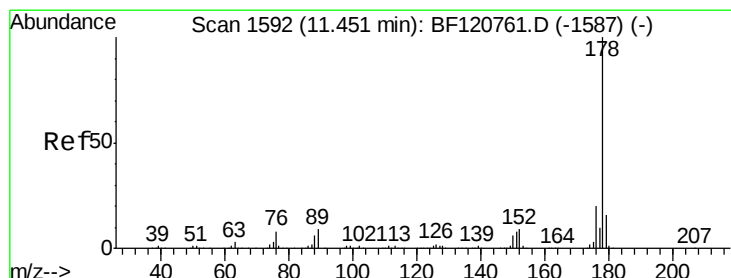
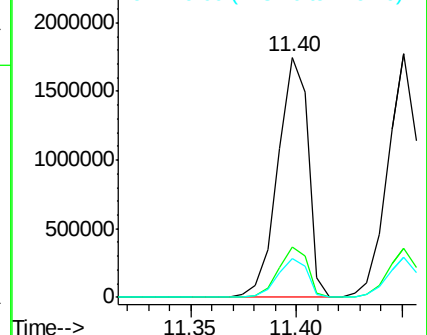
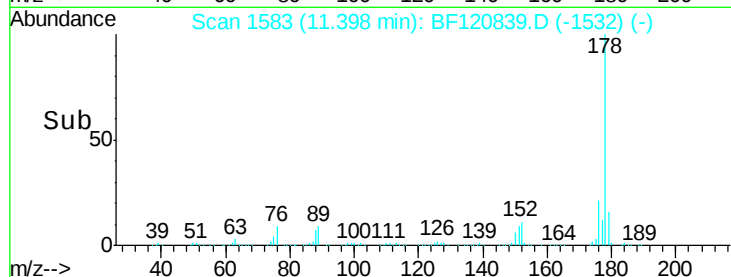
Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.4	24.6
179	16.3	12.9	19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.855 ng

RT: 11.45 min Scan# 1592

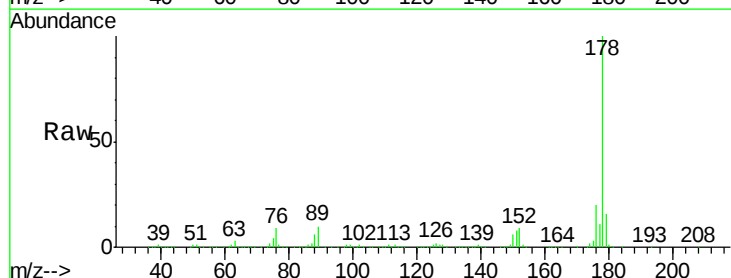
Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Tgt Ion:178 Resp: 1703979

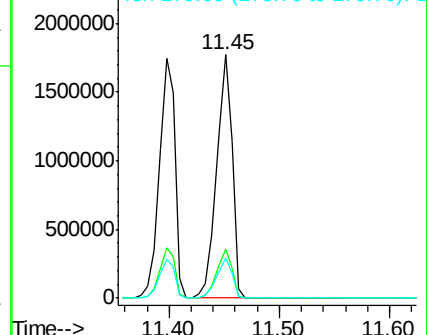
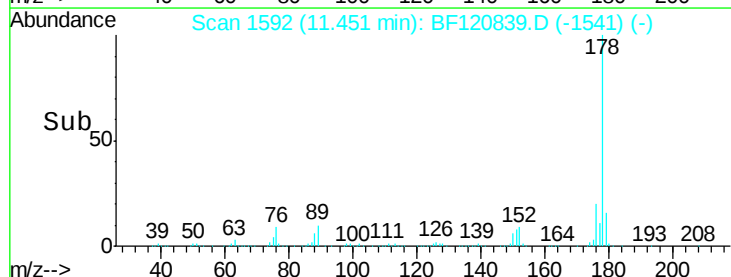
Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.2
179	16.3	12.7	19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

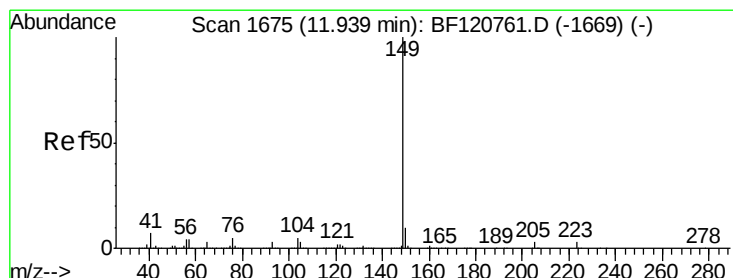
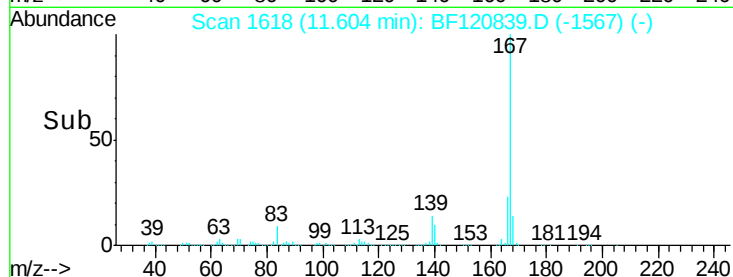
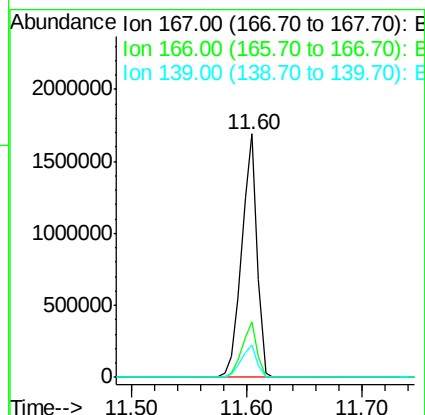
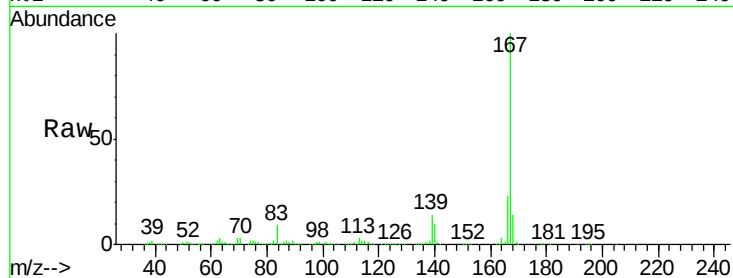




#73
 Carbazole
 Concen: 40.598 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

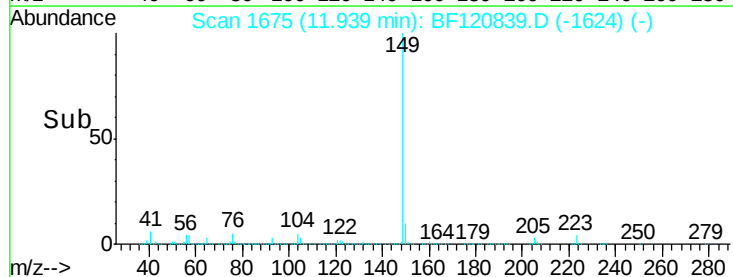
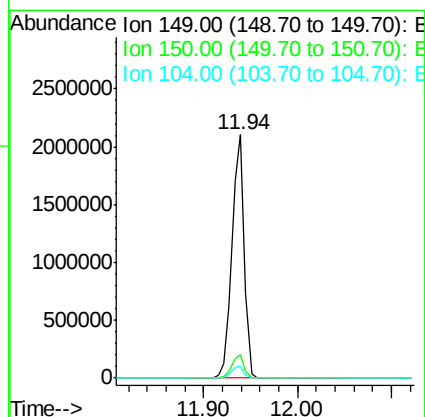
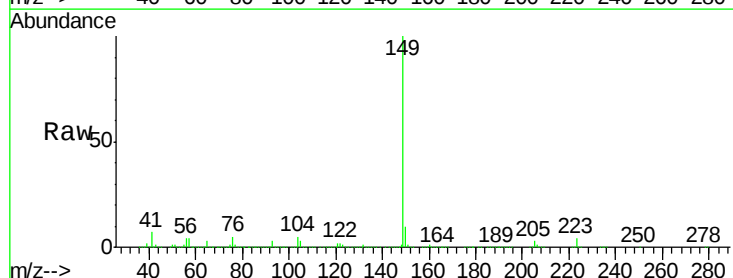
Instrument :
 BNA_F
 ClientSampleId :
 MH1MS

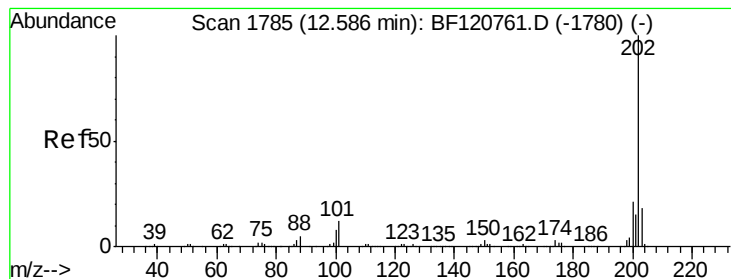
Tot Ion:167 Resp: 1551248
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.8 26.8
 139 13.5 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 40.050 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Tgt Ion:149 Resp: 1894602
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 5.1 4.0 6.0





#75

Fluoranthene

Concen: 49.073 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampled :

MH1MS

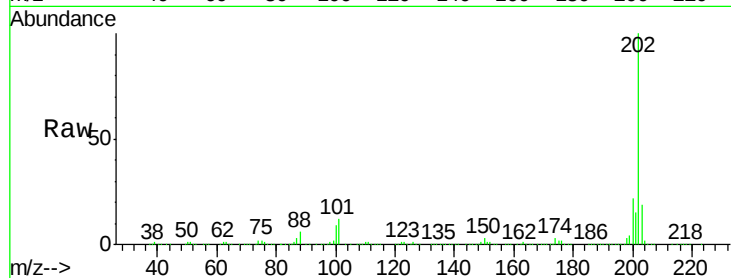
Tot Ion:202 Resp: 2056990

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.6
203	18.6	0.0	38.2

202 100

101 12.1 0.0 31.6

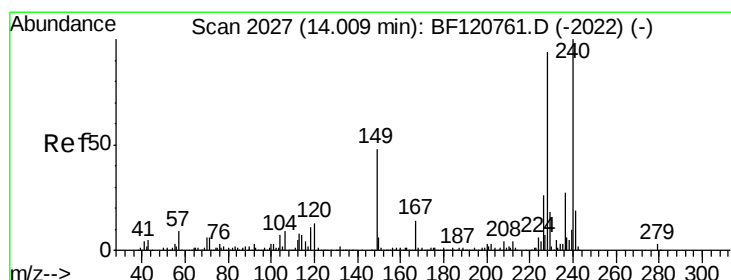
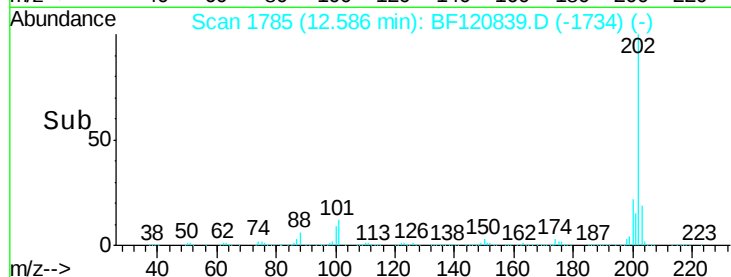
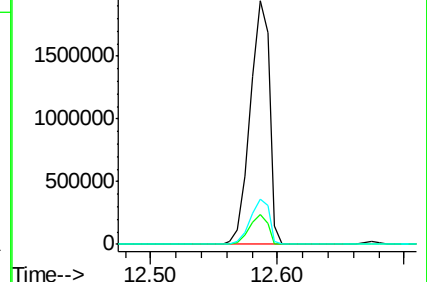
203 18.6 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

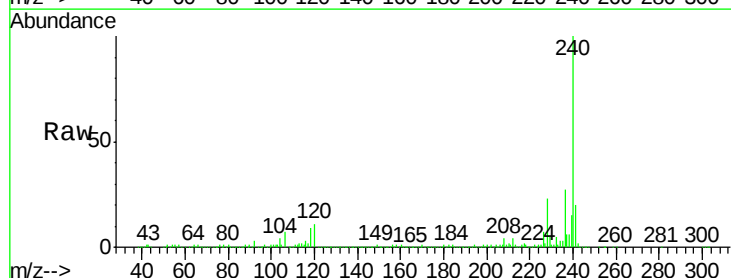
Tgt Ion:240 Resp: 512705

Ion	Ratio	Lower	Upper
240	100		
120	10.7	10.3	15.5
236	26.8	21.4	32.2

240 100

120 10.7 10.3 15.5

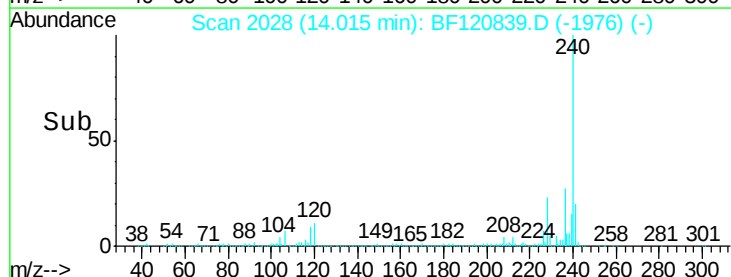
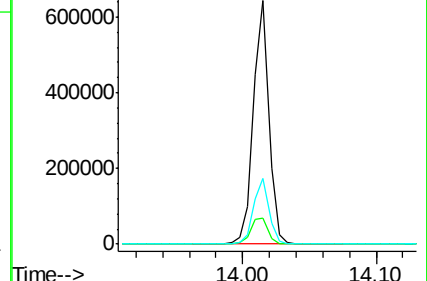
236 26.8 21.4 32.2

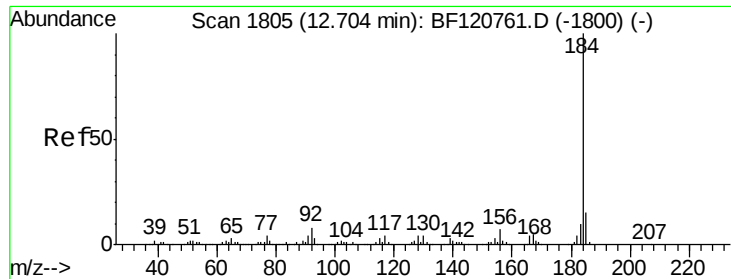


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.280 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

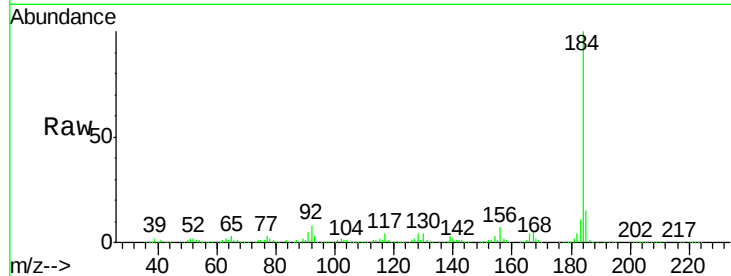
Tot Ion:184 Resp: 626323

Ion Ratio Lower Upper

184 100

185 15.1 11.8 17.8

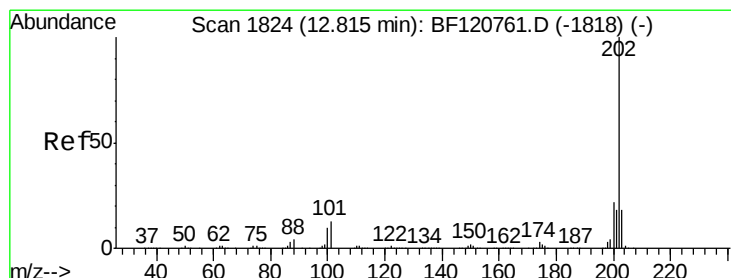
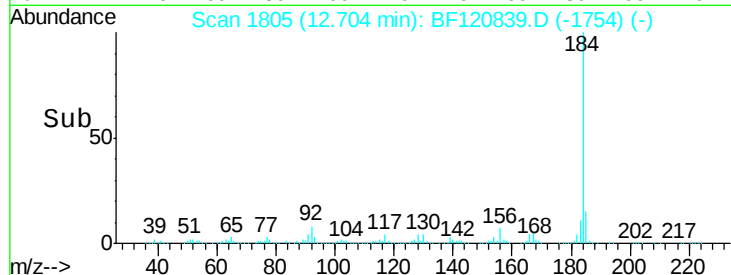
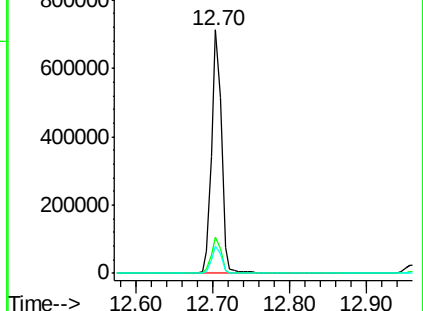
183 11.1 8.3 12.5



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: 50.818 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

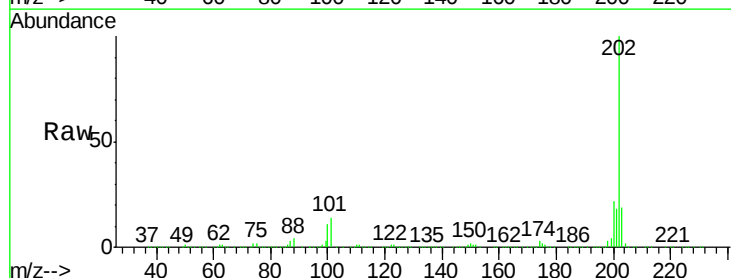
Tgt Ion:202 Resp: 2080873

Ion Ratio Lower Upper

202 100

200 22.5 17.3 25.9

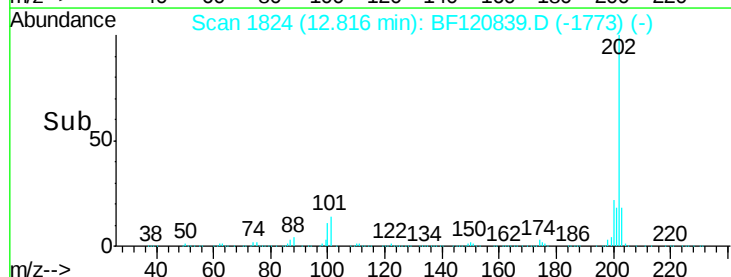
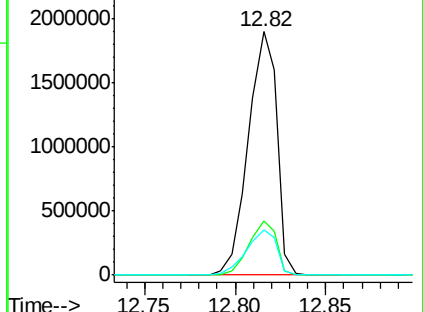
203 18.5 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.859 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

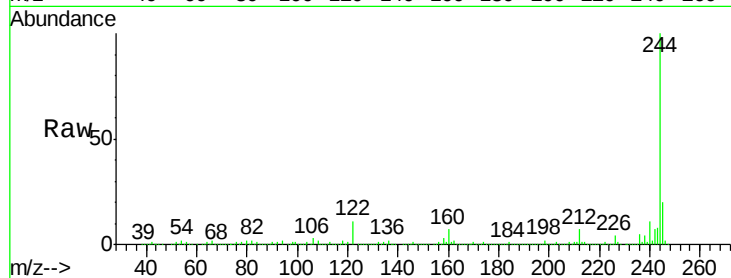
BNA_F

ClientSampleId :

MH1MS

Tot Ion:244 Resp: 1907947

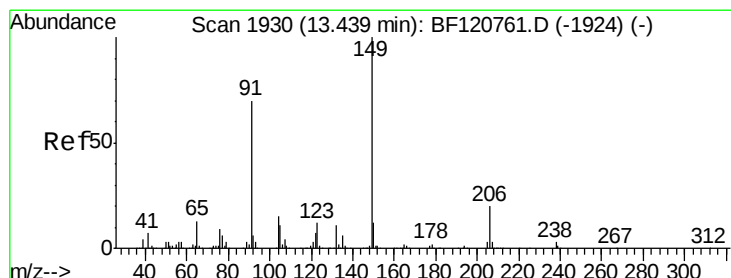
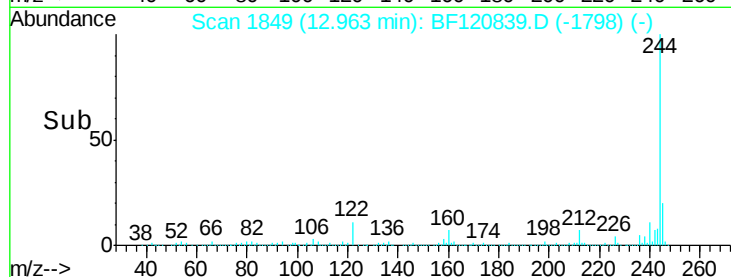
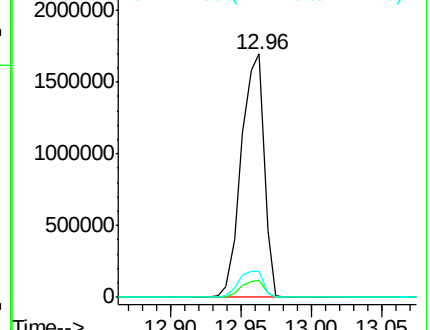
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.5	9.0	13.4



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: 47.112 ng

RT: 13.43 min Scan# 1929

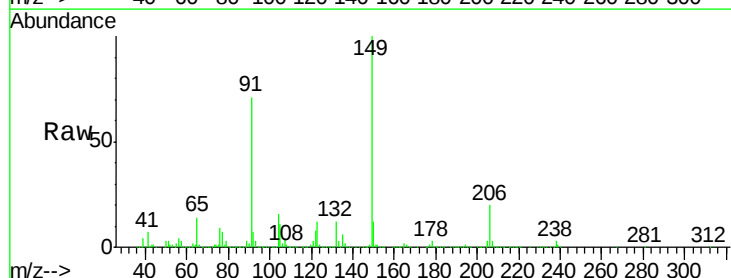
Delta R.T. -0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Tgt Ion:149 Resp: 832861

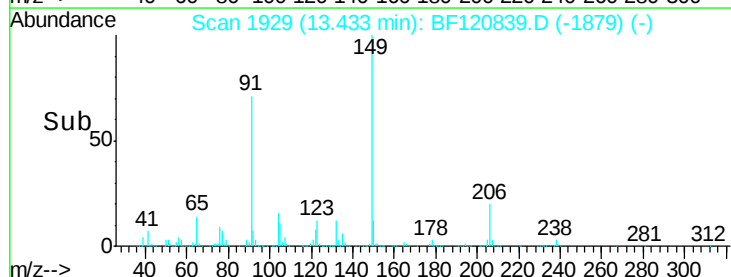
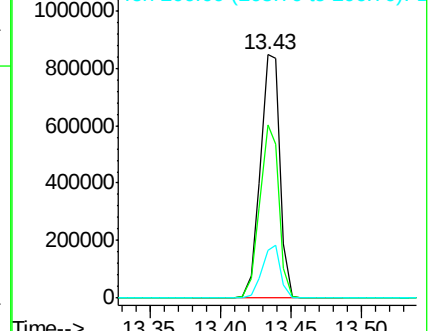
Ion	Ratio	Lower	Upper
149	100		
91	71.4	55.8	83.8
206	19.6	15.7	23.5

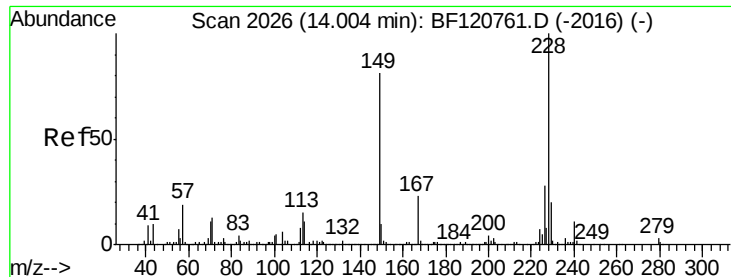


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.680 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

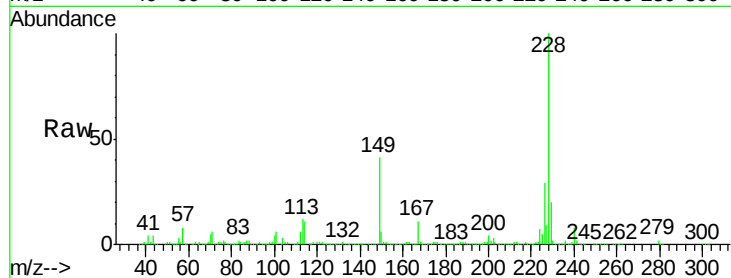
Tot Ion:228 Resp: 1435564

Ion Ratio Lower Upper

228 100

226 29.1 22.6 33.8

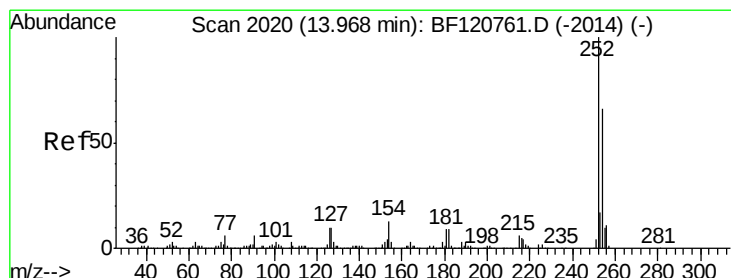
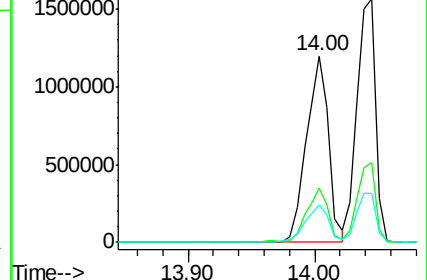
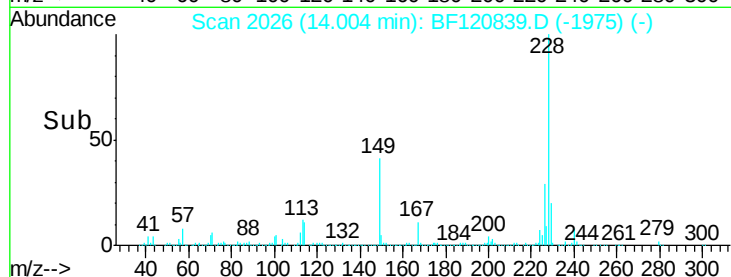
229 20.2 15.8 23.6



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: 34.751 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

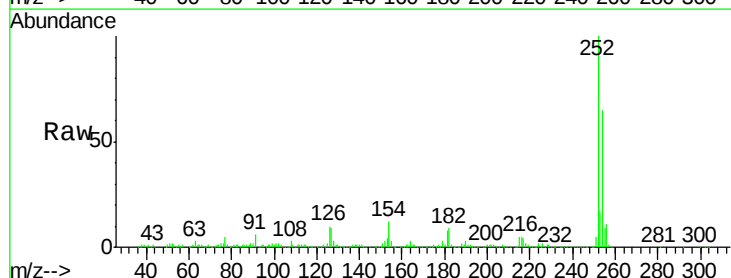
Tgt Ion:252 Resp: 385418

Ion Ratio Lower Upper

252 100

254 64.8 52.6 78.8

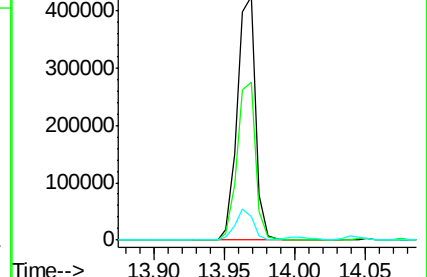
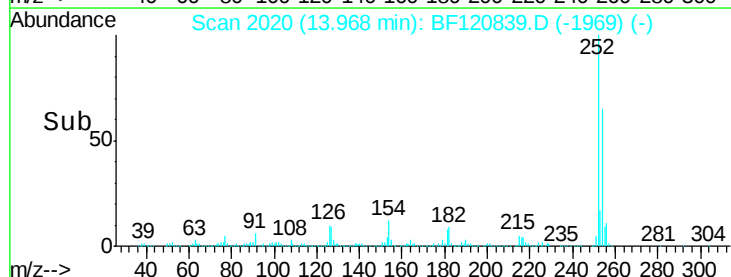
126 9.7 7.8 11.8

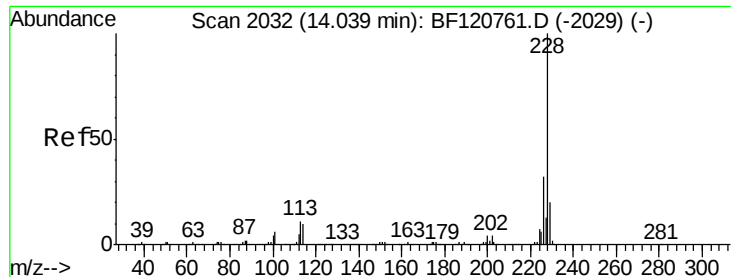


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

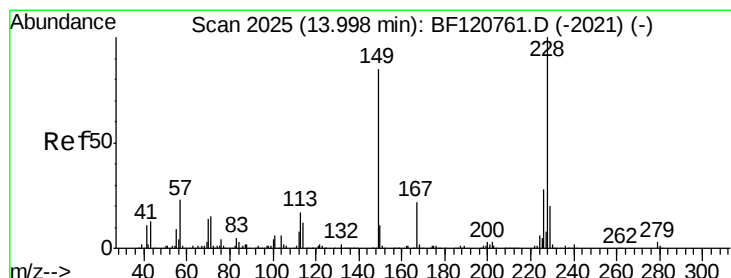
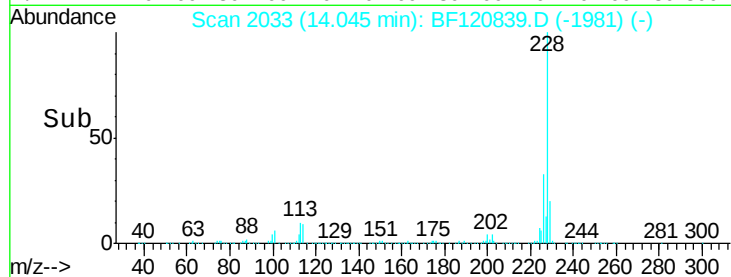
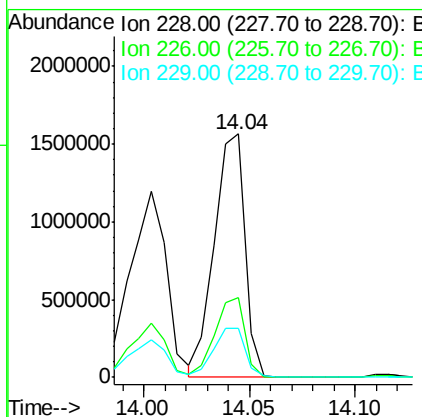
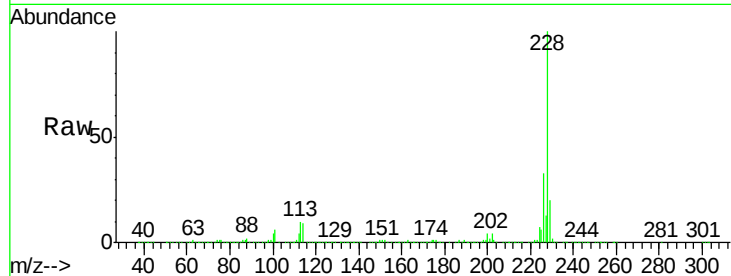




#83
 Chrvsene
 Concen: 47.047 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

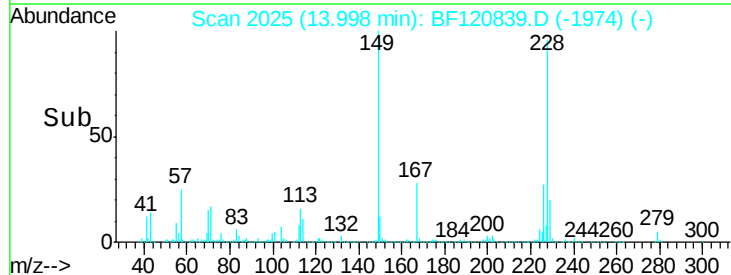
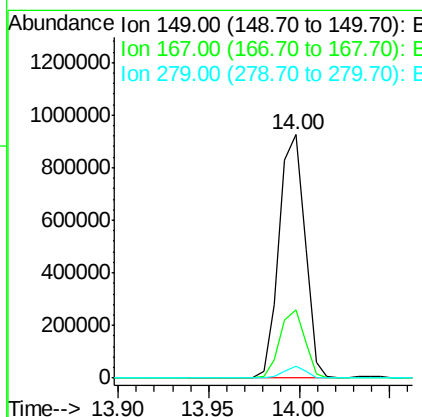
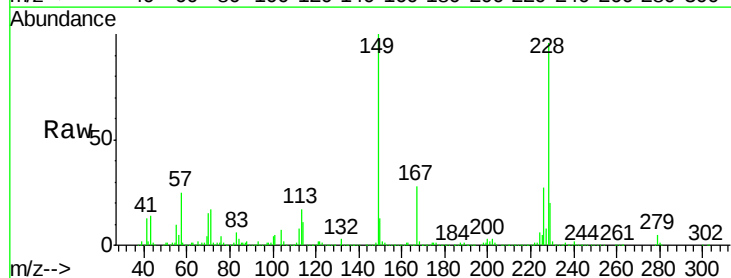
Instrument :
 BNA_F
 ClientSampleId :
 MH1MS

Tot Ion:228 Resp: 1577153
 Ion Ratio Lower Upper
 228 100
 226 32.8 25.7 38.5
 229 20.4 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.858 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Tgt Ion:149 Resp: 924016
 Ion Ratio Lower Upper
 149 100
 167 27.9 20.9 31.3
 279 4.7 2.6 4.0#

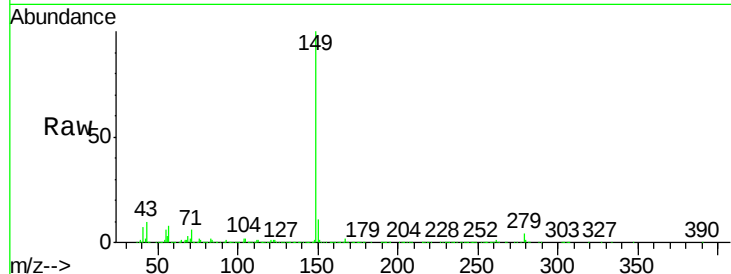




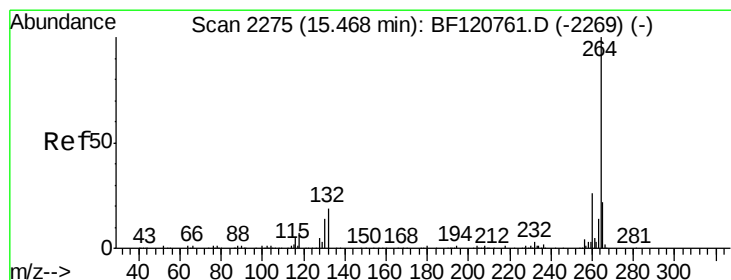
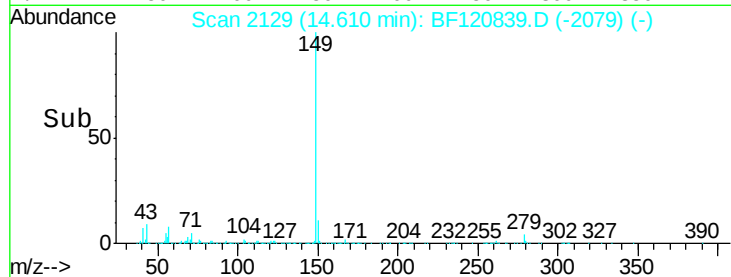
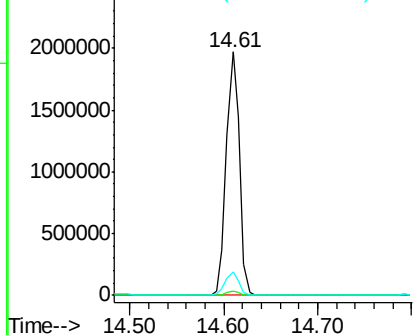
#85
Di-n-octyl phthalate
Concen: 46.682 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampled :
MH1MS

Tot Ion:149 Resp: 1914534
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.6 8.7 13.1

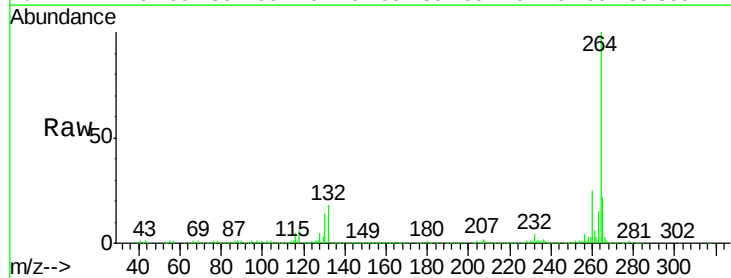


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

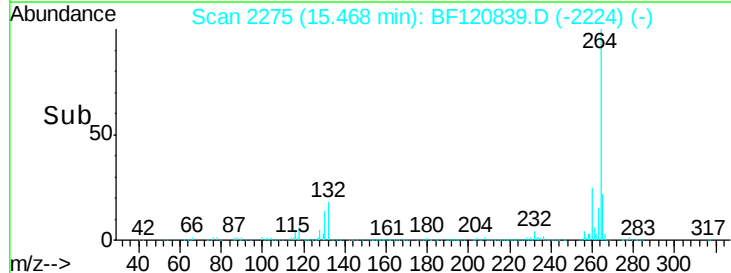
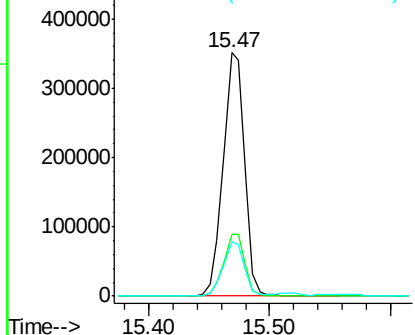


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion:264 Resp: 429895
Ion Ratio Lower Upper
264 100
260 25.3 20.6 30.8
265 22.4 17.6 26.4



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



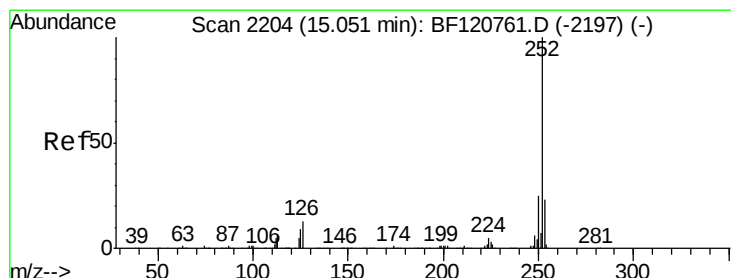
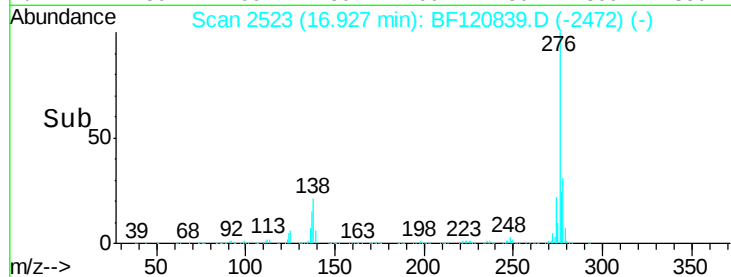
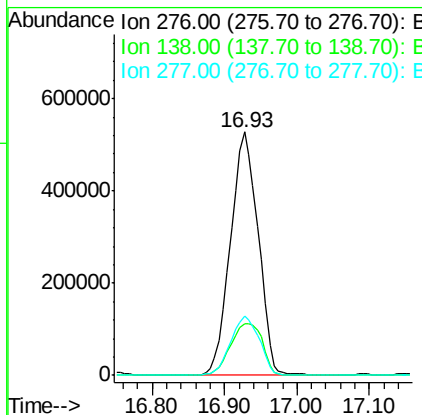
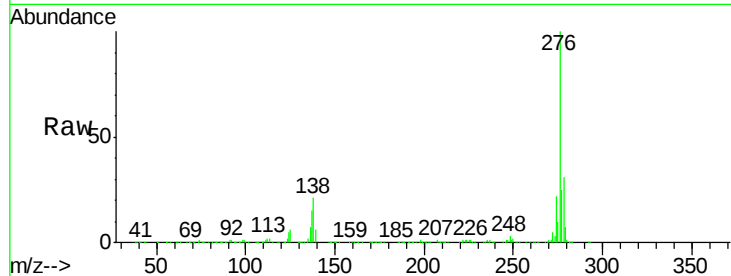


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.812 ng
 RT: 16.93 min Scan# 2523
 Delta R.T. 0.00 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MH1MS

Tot Ion:276 Resp: 1401078

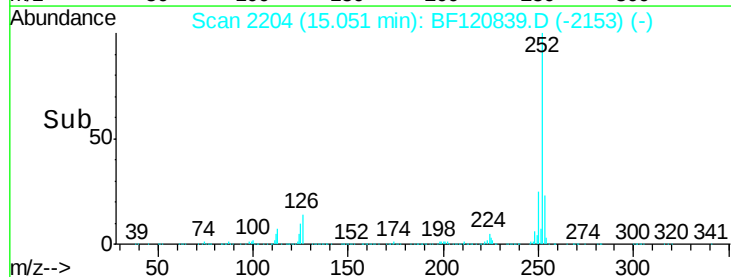
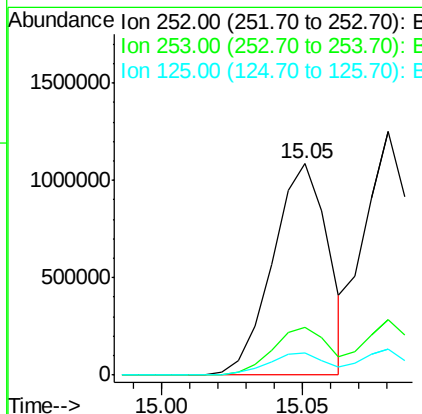
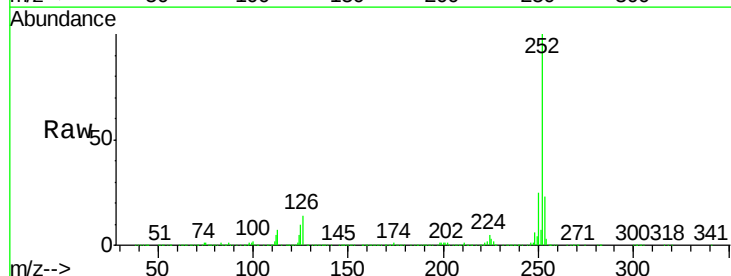
Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.8	29.8
277	25.2	19.9	29.9

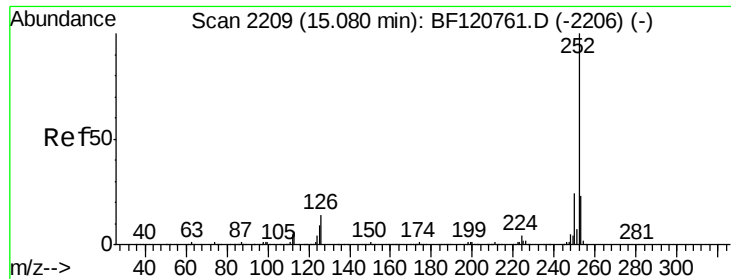


#88
 Benzo(b)fluoranthene
 Concen: 52.353 ng
 RT: 15.05 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Tgt Ion:252 Resp: 1479616

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.5	7.5	11.3

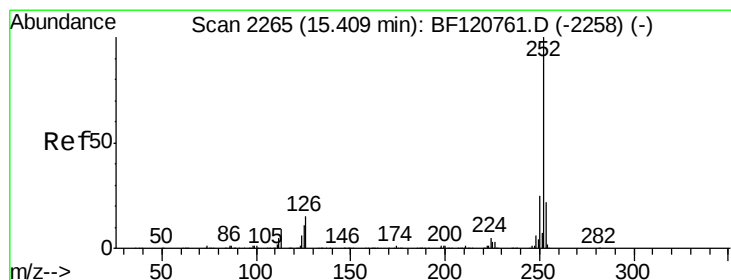
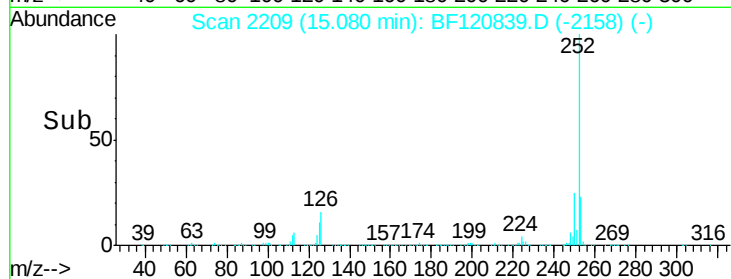
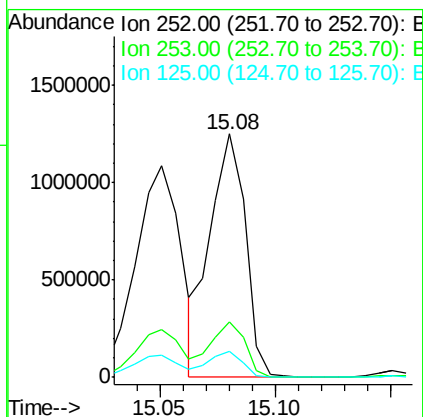
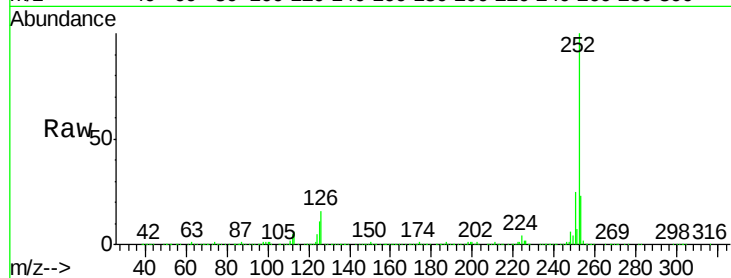




#89
Benzo(k)fluoranthene
Concen: 48.451 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

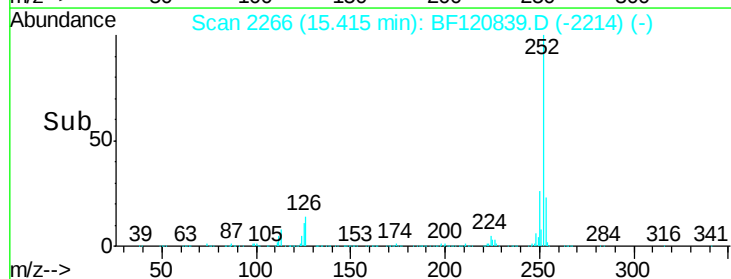
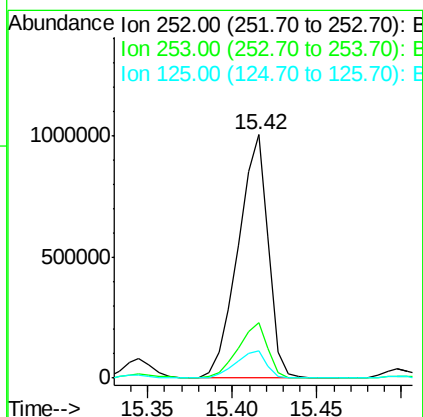
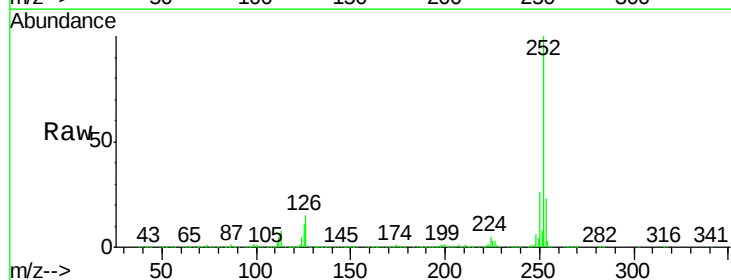
Instrument :
BNA_F
ClientSampleId :
MH1MS

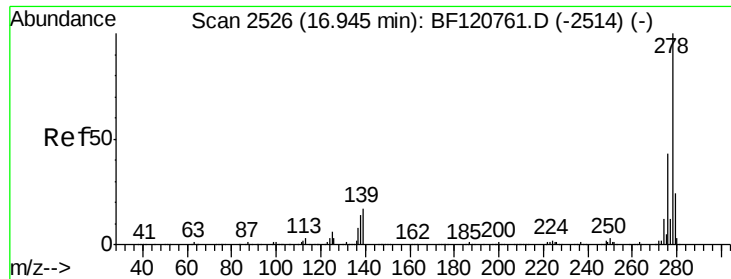
Tot Ion:252 Resp: 1332453
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 10.9 7.6 11.4



#90
Benzo(a)pyrene
Concen: 49.360 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion:252 Resp: 1244451
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 11.3 9.2 13.8

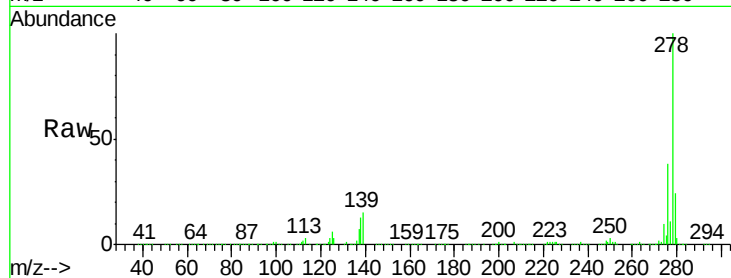




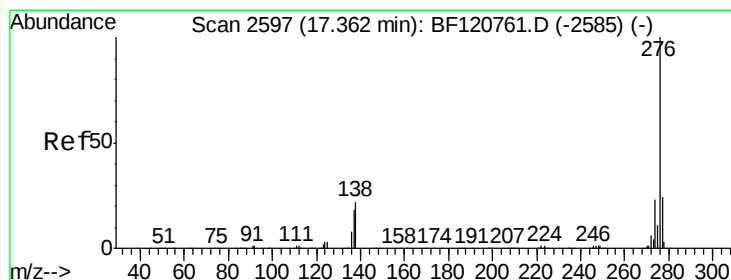
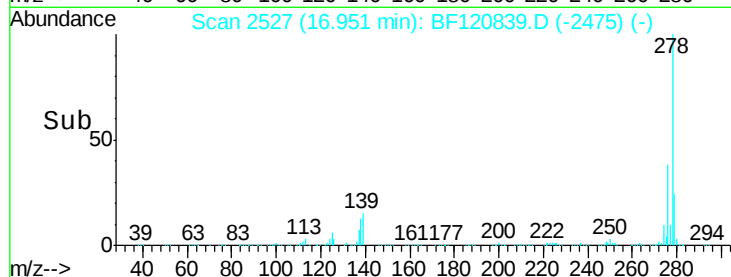
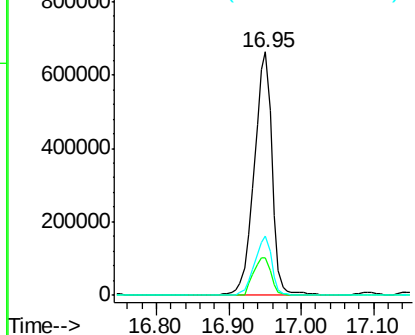
#91
Dibenzo(a,h)anthracene
Concen: 48.948 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MH1MS

Tot Ion:278 Resp: 1124925
Ion Ratio Lower Upper
278 100
139 15.5 13.3 19.9
279 24.2 19.0 28.6

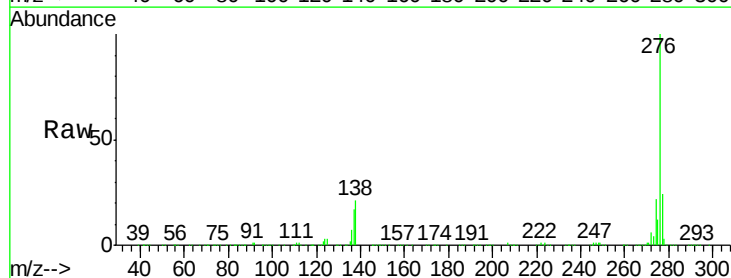


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 55.322 ng
RT: 17.37 min Scan# 2599
Delta R.T. 0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion:276 Resp: 1161996
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 20.5 17.4 26.2



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

