

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121211.D
 Acq On : 6 Aug 2020 19:43
 Operator : JU/CG
 Sample : L3537-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IBMS

Quant Time: Aug 07 00:29:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	261209	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1001192	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	521501	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	990074	20.00	ng	0.00
76) Chrysene-d12	13.97	240	680945	20.00	ng	0.00
86) Perylene-d12	15.42	264	736592	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	928611	58.28	ng	0.02
7) Phenol-d6	6.45	99	1127060	54.76	ng	0.00
23) Nitrobenzene-d5	7.36	82	768106	44.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	348951	61.13	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1381574	39.55	ng	0.00
79) Terphenyl-d14	12.91	244	1345900	42.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	157395	21.463	ng	# 85
4) n-Nitrosodimethylamine	3.33	42	190820	22.876	ng	97
8) 2-Chlorophenol	6.59	128	432818	24.658	ng	100
9) Benzaldehyde	6.35	77	203139	17.001	ng	97
10) Phenol	6.46	94	483069	21.336	ng	84
11) bis(2-Chloroethyl)ether	6.53	93	406640	23.435	ng	98
12) 1,3-Dichlorobenzene	6.74	146	409762	21.528	ng	99
13) 1,4-Dichlorobenzene	6.82	146	415569	21.957	ng	99
14) 1,2-Dichlorobenzene	6.96	146	401295	22.412	ng	99
15) Benzyl Alcohol	6.95	79	316344	21.734	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	553517	22.132	ng	95
17) 2-Methylphenol	7.06	107	338925	21.785	ng	100
18) Hexachloroethane	7.30	117	145165	21.191	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	258340	22.073	ng	96
20) 3+4-Methylphenols	7.22	107	390180	19.715	ng	# 89
22) Acetophenone	7.21	105	537472	23.920	ng	# 97
24) Nitrobenzene	7.38	77	434868	23.319	ng	96
25) Isophorone	7.62	82	785354	22.742	ng	98
26) 2-Nitrophenol	7.70	139	229286	25.888	ng	98
27) 2,4-Dimethylphenol	7.74	122	371338	25.823	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	501469	23.790	ng	100
29) 2,4-Dichlorophenol	7.95	162	363401	24.730	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	373976	22.939	ng	100
31) Naphthalene	8.10	128	1158948	22.567	ng	99
32) Benzoic acid	7.89	122	292582	27.104	ng	96
33) 4-Chloroaniline	8.16	127	91439	3.991	ng	97
34) Hexachlorobutadiene	8.22	225	210749	21.928	ng	99
35) Caprolactam	8.54	113	70804	15.025	ng	87
36) 4-Chloro-3-methylphenol	8.65	107	375396	24.909	ng	98
37) 2-Methylnaphthalene	8.79	142	796460	23.885	ng	100
38) 1-Methylnaphthalene	8.89	142	752128	23.815	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	378247	24.894	ng	99
41) Hexachlorocyclopentadiene	8.95	237	180623	21.509	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	261981	24.488	ng	98

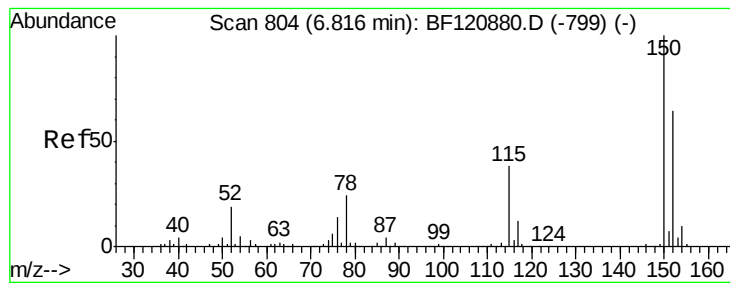
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.12	196	285986	23.567	nq	97
46) 1,1'-Biphenyl	9.26	154	974376	24.494	nq	99
47) 2-Chloronaphthalene	9.28	162	750319	23.135	nq	98
48) 2-Nitroaniline	9.39	65	246250	25.124	nq	95
49) Acenaphthylene	9.70	152	1187866	23.576	nq	100
50) Dimethylphthalate	9.56	163	934792	24.846	nq	99
51) 2,6-Dinitrotoluene	9.63	165	203773	25.210	nq	93
52) Acenaphthene	9.87	154	695538	21.713	nq	100
53) 3-Nitroaniline	9.79	138	94776	9.349	nq	96
54) 2,4-Dinitrophenol	9.90	184	141340	34.617	nq	# 90
55) Dibenzofuran	10.05	168	1044995	22.559	nq	97
56) 4-Nitrophenol	9.97	139	325404	42.256	nq	96
57) 2,4-Dinitrotoluene	10.03	165	258647	24.367	nq	# 88
58) Fluorene	10.39	166	802757	23.235	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	241160	26.101	nq	100
60) Diethylphthalate	10.26	149	895999	23.545	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	389755	21.151	nq	99
62) 4-Nitroaniline	10.41	138	174660	17.687	nq	96
63) Azobenzene	10.54	77	831910	22.963	nq	97
65) 4,6-Dinitro-2-methylphenol	10.44	198	96192	19.286	nq	93
66) n-Nitrosodiphenylamine	10.50	169	708428	22.746	nq	98
67) 4-Bromophenyl-phenylether	10.87	248	262550	23.785	nq	93
68) Hexachlorobenzene	10.93	284	290544	24.332	nq	# 91
69) Atrazine	11.03	200	171898	22.285	nq	99
70) Pentachlorophenol	11.13	266	333125	48.697	nq	99
71) Phenanthrene	11.35	178	1180866	23.191	nq	100
72) Anthracene	11.40	178	1230687	24.069	nq	99
73) Carbazole	11.56	167	1163872	22.937	nq	99
74) Di-n-butylphthalate	11.89	149	1387412	23.693	nq	100
75) Fluoranthene	12.54	202	1253867	22.216	nq	99
78) Pyrene	12.77	202	1253232	26.031	nq	99
80) Butylbenzylphthalate	13.38	149	575944	26.836	nq	94
81) Benzo(a)anthracene	13.96	228	1018612	24.703	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	177365	11.401	nq	100
83) Chrysene	13.99	228	1008367	23.270	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	751544	28.398	nq	99
85) Di-n-octyl phthalate	14.55	149	1243749	23.622	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1157740	22.600	nq	99
88) Benzo(b)fluoranthene	15.00	252	1081587	24.292	nq	100
89) Benzo(k)fluoranthene	15.03	252	981327	24.167	nq	99
90) Benzo(a)pyrene	15.36	252	963525	23.719	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	971118	23.207	nq	99
92) Benzo(g,h,i)perylene	17.29	276	935339	22.670	nq	99

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

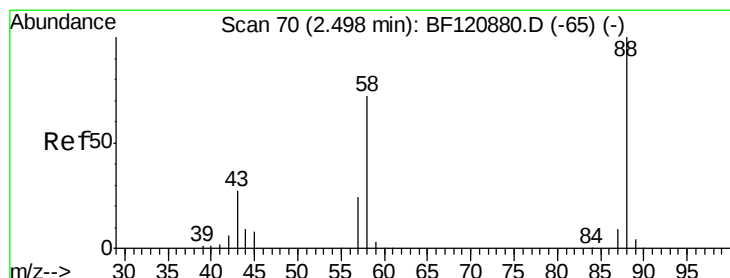
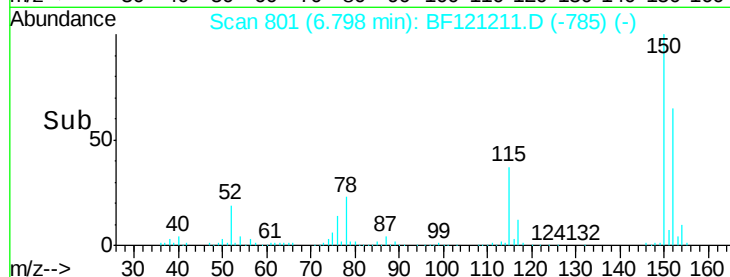
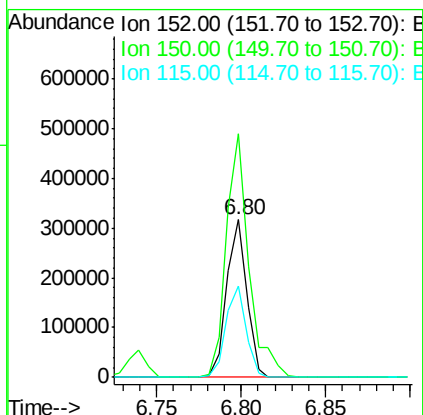
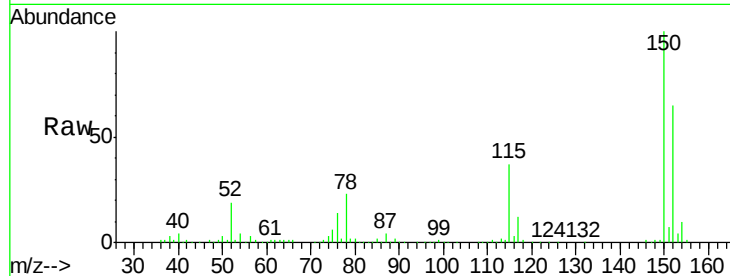


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121211.D
Acq: 6 Aug 2020 19:43

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ClientSampleId :
JTY1-WC-S-BL-IBMS

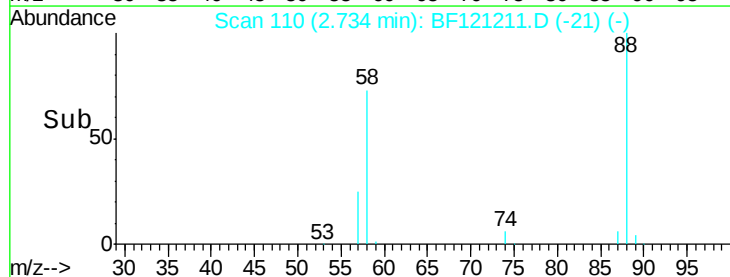
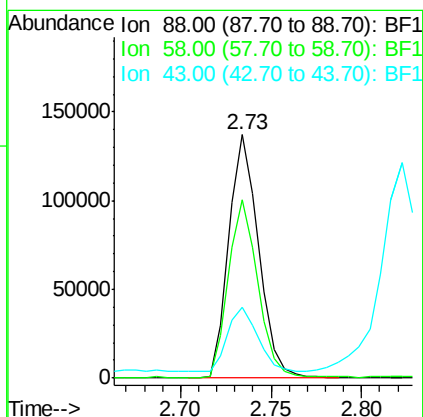
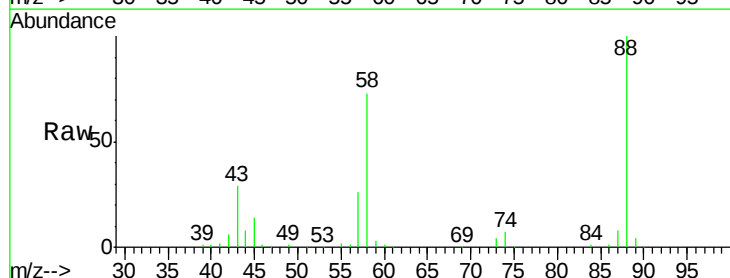
Tot Ion:152 Resp: 261209
Ion Ratio Lower Upper
152 100
150 154.6 125.6 188.4
115 57.6 46.2 69.2

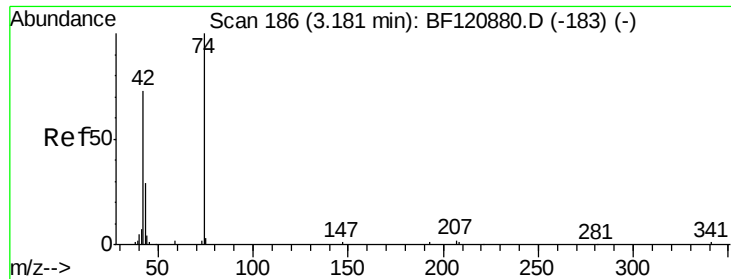


#2

1,4-Dioxane
Concen: 21.463 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.22 min
Lab File: BF121211.D
Acq: 6 Aug 2020 19:43

Tgt Ion: 88 Resp: 157395
Ion Ratio Lower Upper
88 100
58 71.8 58.2 87.4
43 0.0 21.3 31.9#



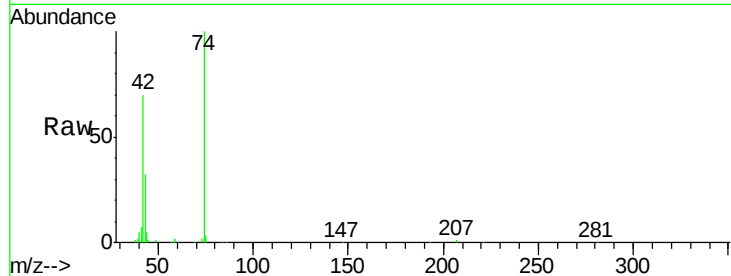


#4

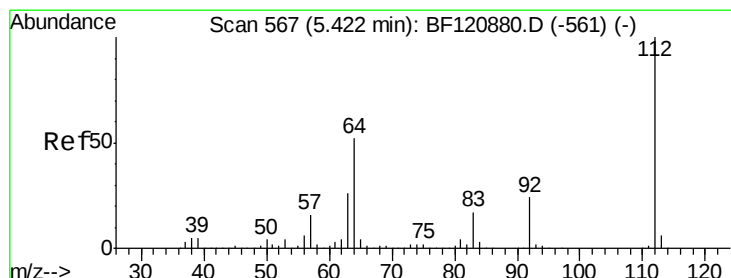
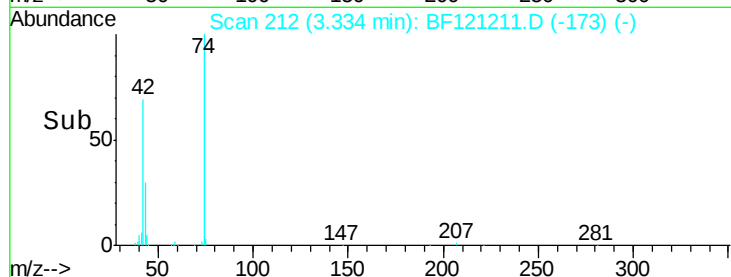
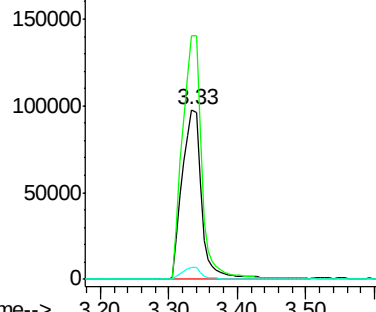
n-Nitrosodimethylamine
 Concen: 22.876 ng
 RT: 3.33 min Scan# 212
 Delta R.T. 0.13 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IBMS

Tot Ion	Ratio	Lower	Upper
42	100		
74	143.4	117.3	175.9
44	7.0	5.9	8.9



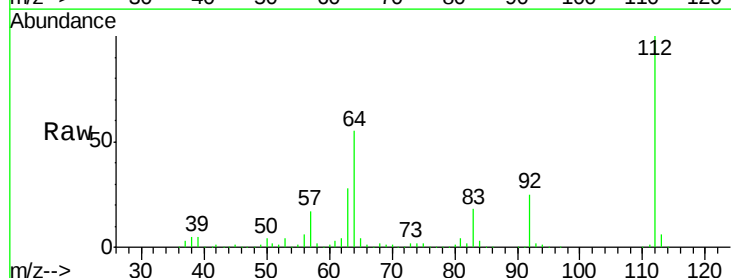
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



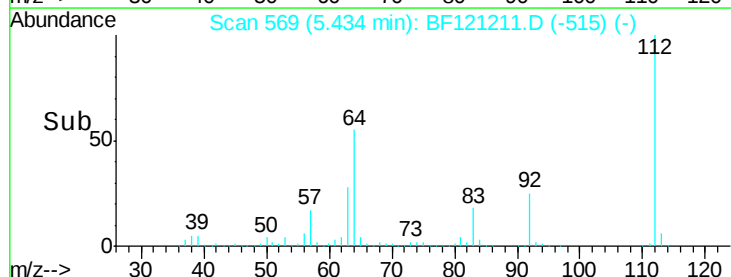
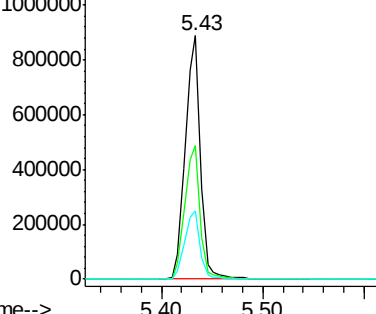
#5

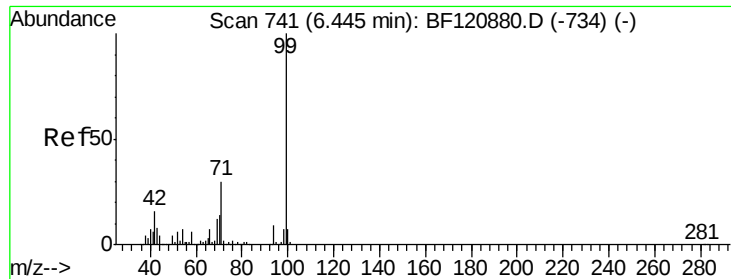
2-Fluorophenol
 Concen: 58.280 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.02 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	43.9	65.9
63	27.9	22.7	34.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 54.759 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

Instrument :

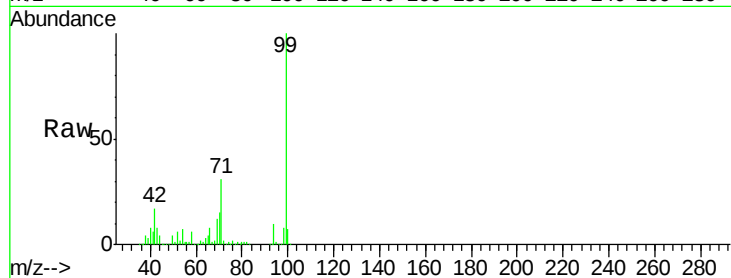
BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMS

Tot Ion: 99 Resp: 1127060

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	31.2	25.0	37.4

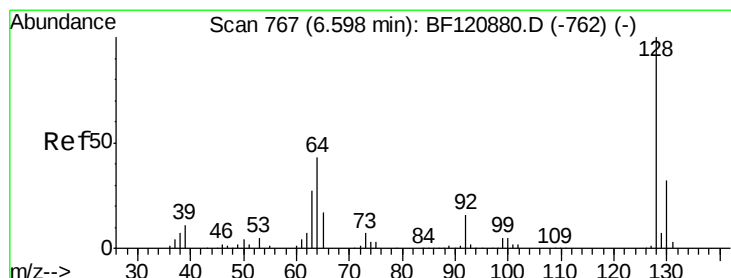
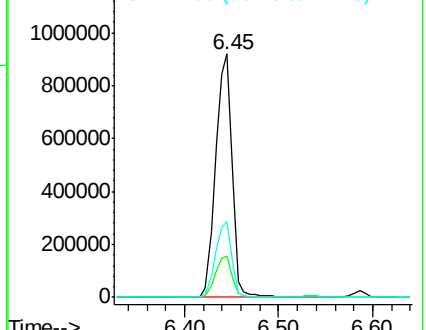
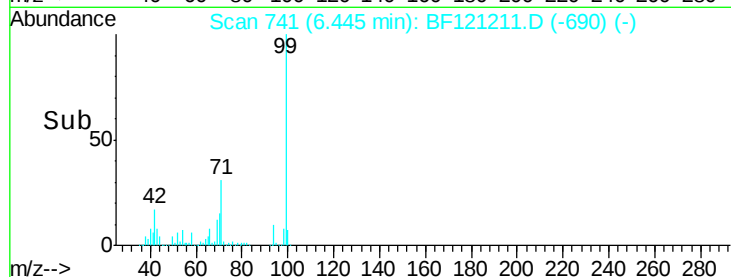


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 24.658 ng

RT: 6.59 min Scan# 765

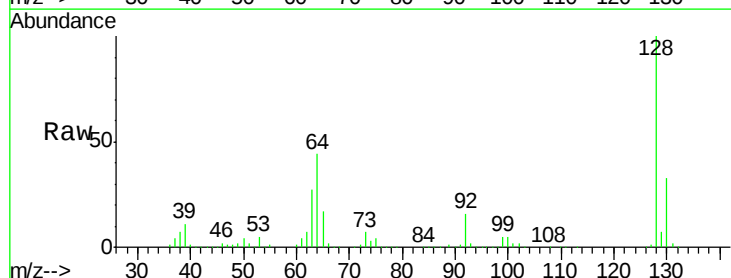
Delta R.T. -0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

Tgt Ion: 128 Resp: 432818

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.7	52.7
64	44.1	23.8	63.8

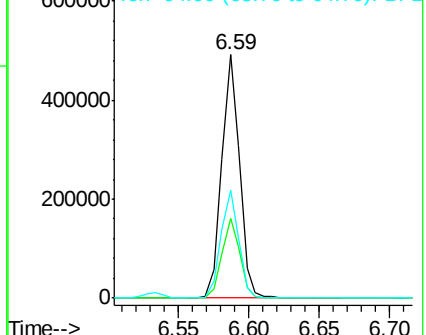
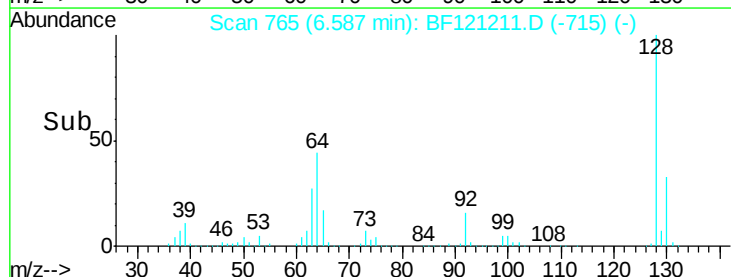


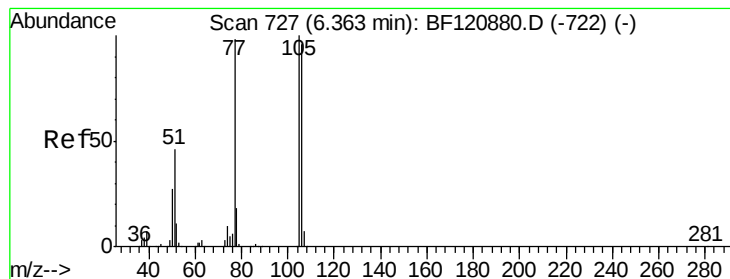
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.001 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMS

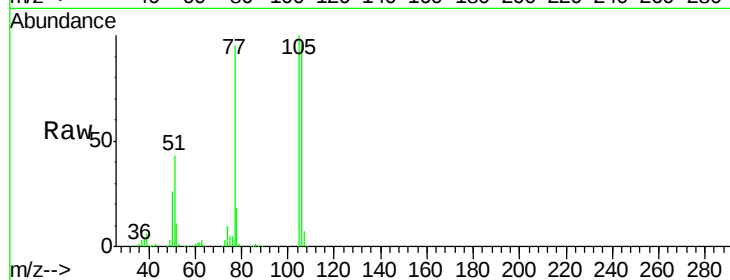
Tot Ion: 77 Resp: 203139

Ion Ratio Lower Upper

77 100

105 105.3 82.4 122.4

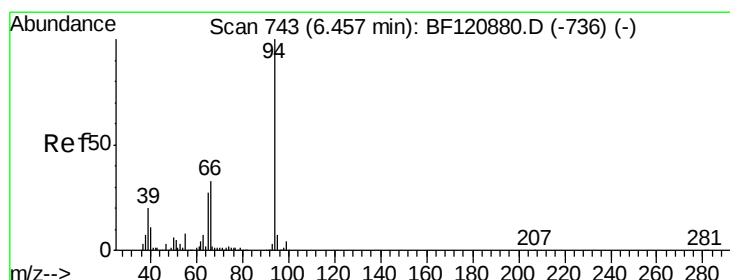
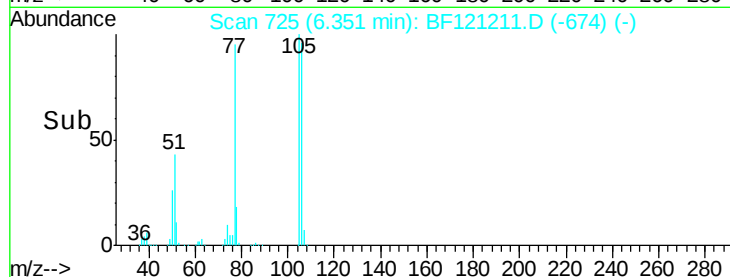
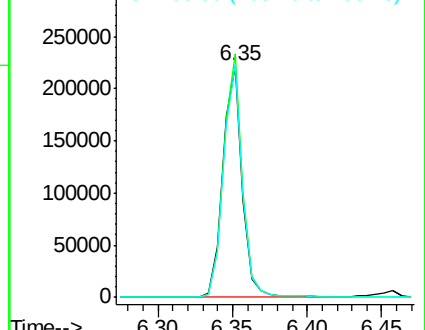
106 101.1 78.9 118.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 21.336 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

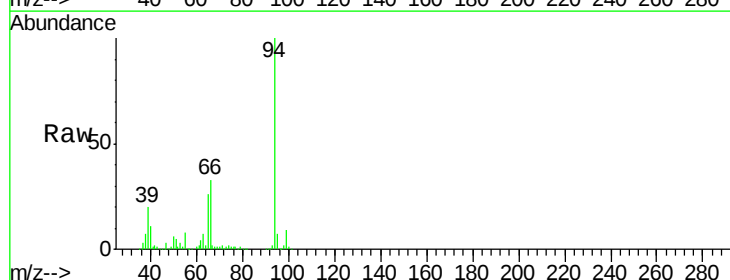
Tgt Ion: 94 Resp: 483069

Ion Ratio Lower Upper

94 100

65 26.1 12.6 52.6

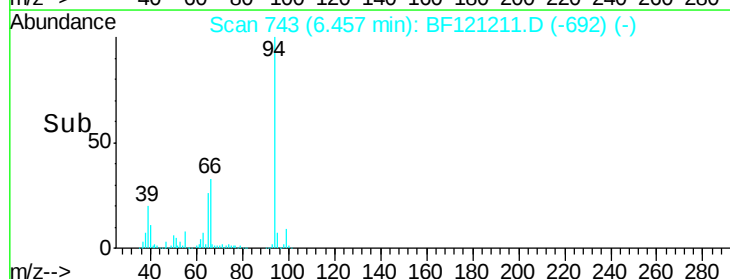
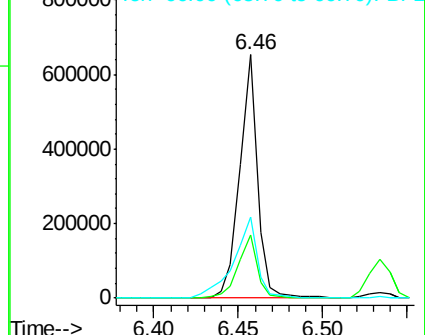
66 33.2 25.6 65.6

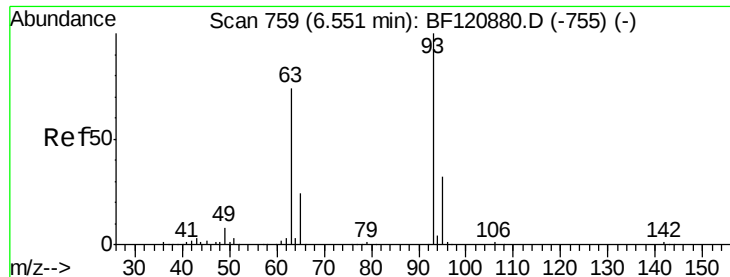


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

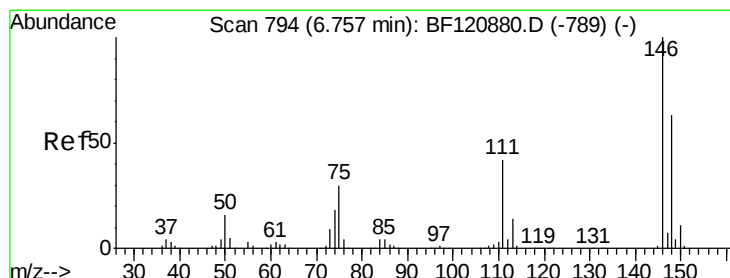
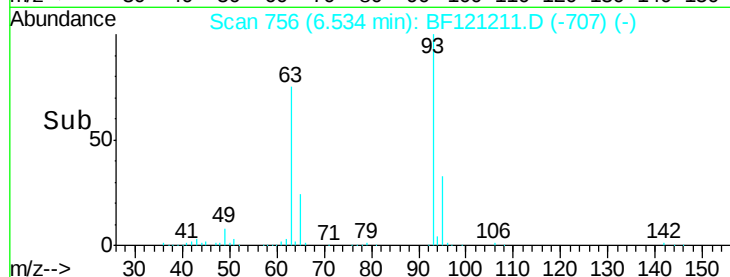
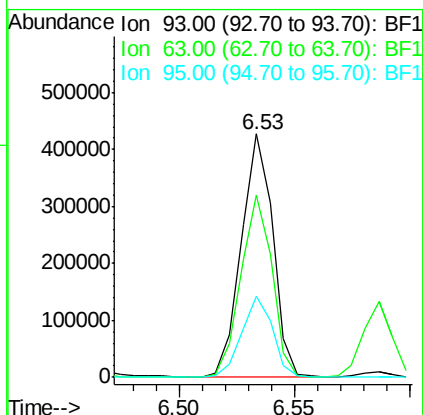
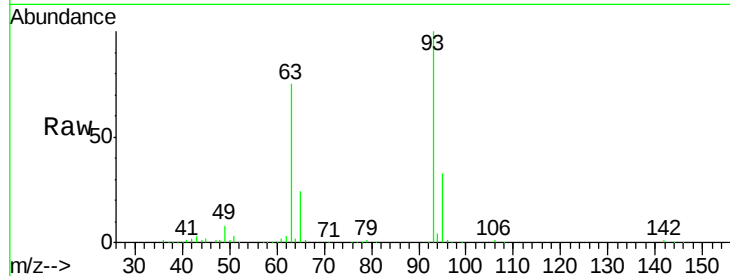




#11
bis(2-Chloroethyl)ether
Concen: 23.435 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF121211.D
Acq: 6 Aug 2020 19:43

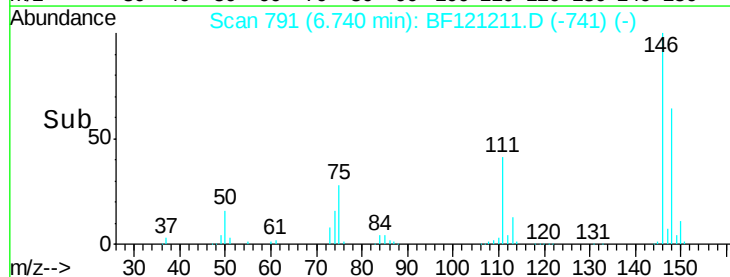
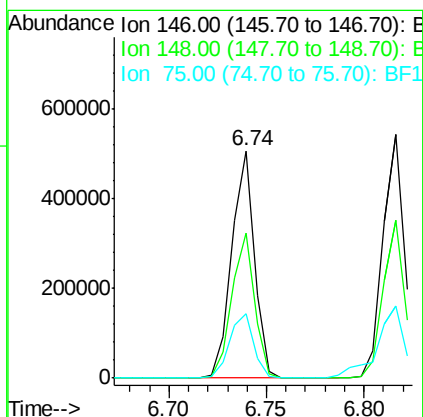
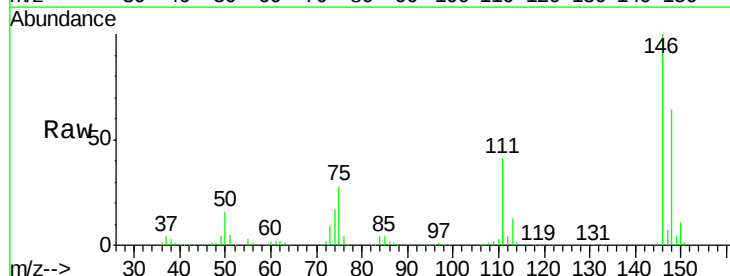
Instrument :
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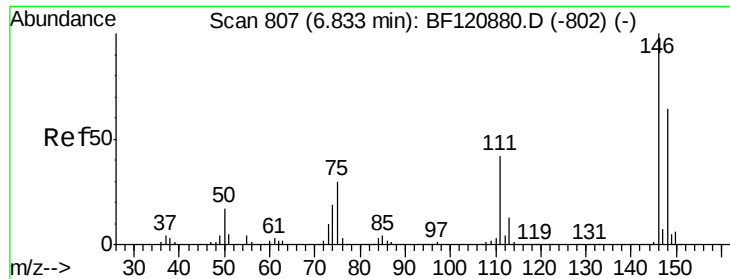
Tot Ion: 93 Resp: 406640
Ion Ratio Lower Upper
93 100
63 74.8 51.9 91.9
95 33.3 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 21.528 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF121211.D
Acq: 6 Aug 2020 19:43

Tgt Ion: 146 Resp: 409762
Ion Ratio Lower Upper
146 100
148 63.8 51.7 77.5
75 28.5 23.8 35.6

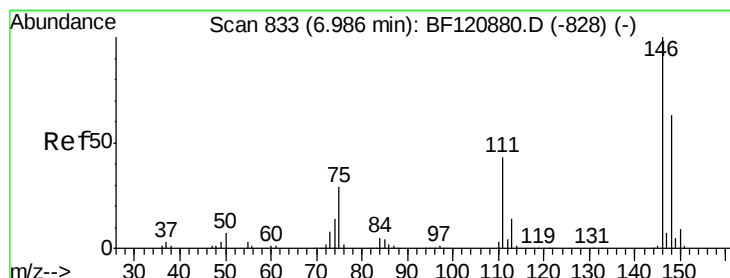
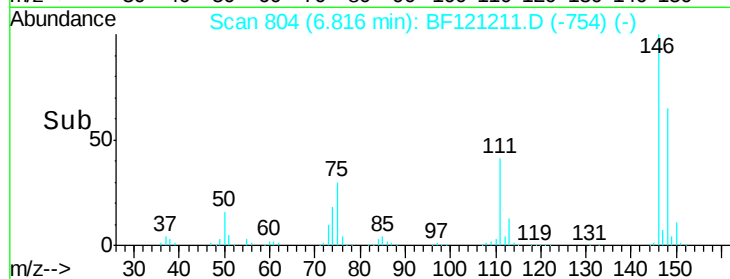
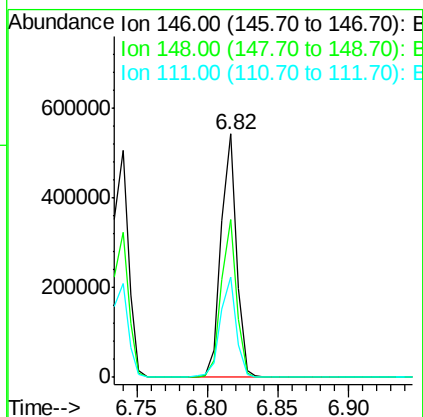
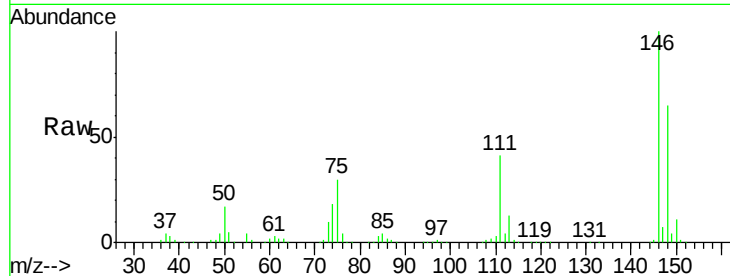




#13
 1,4-Dichlorobenzene
 Concen: 21.957 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

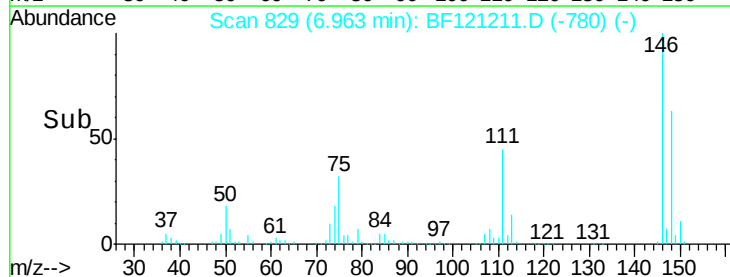
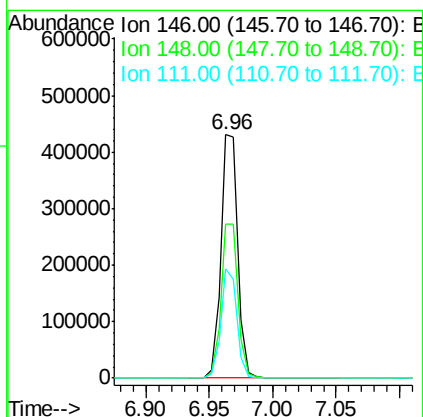
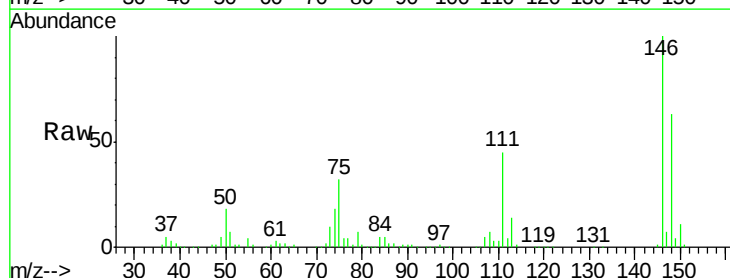
Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IBMS

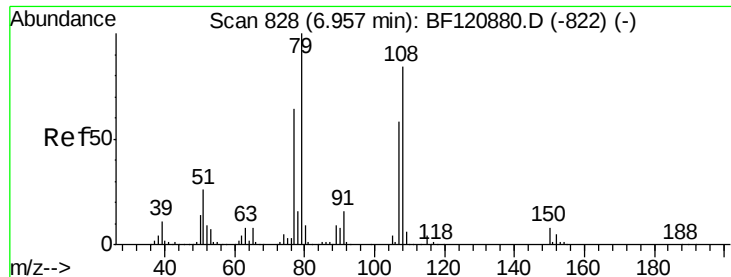
Tot Ion:146 Resp: 415569
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.5 75.7
 111 41.2 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 22.412 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

Tgt Ion:146 Resp: 401295
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.8 76.2
 111 44.7 35.4 53.0





#15

Benzyl Alcohol

Concen: 21.734 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMS

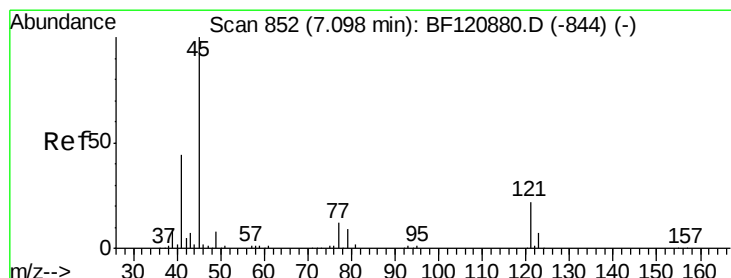
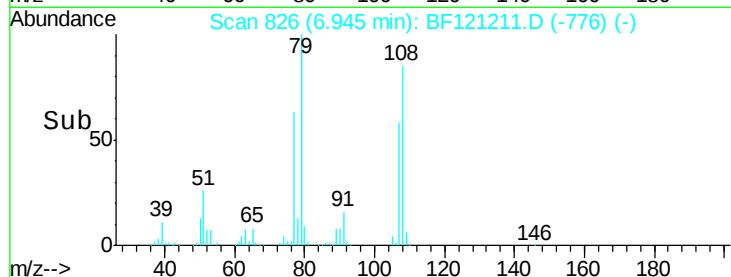
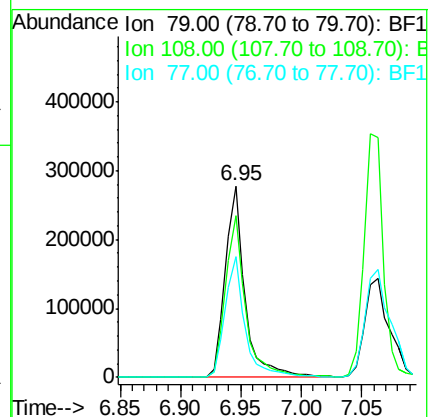
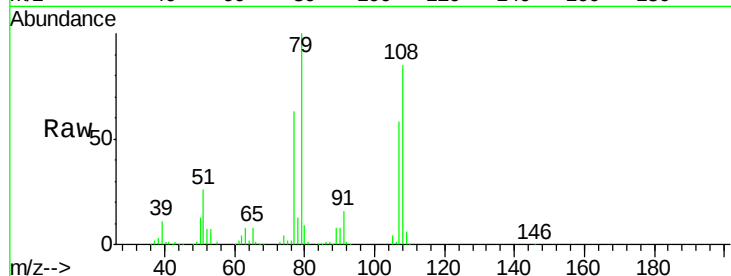
Tot Ion: 79 Resp: 316344

Ion Ratio Lower Upper

79 100

108 84.6 68.6 103.0

77 63.3 51.4 77.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 22.132 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

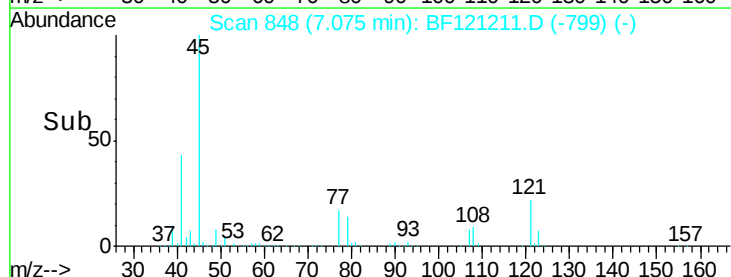
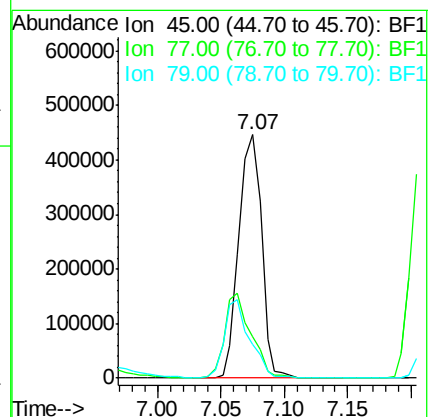
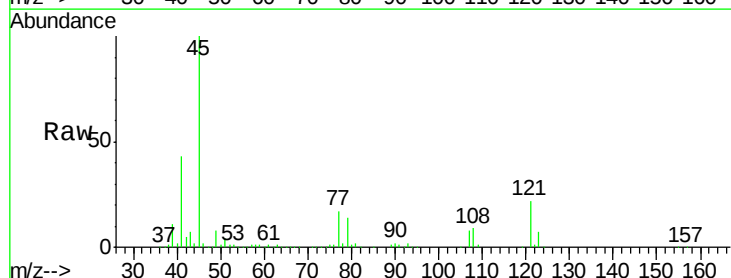
Tgt Ion: 45 Resp: 553517

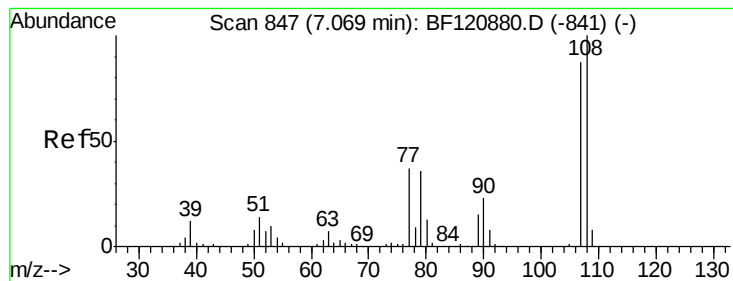
Ion Ratio Lower Upper

45 100

77 17.0 0.0 34.7

79 13.9 0.0 32.0

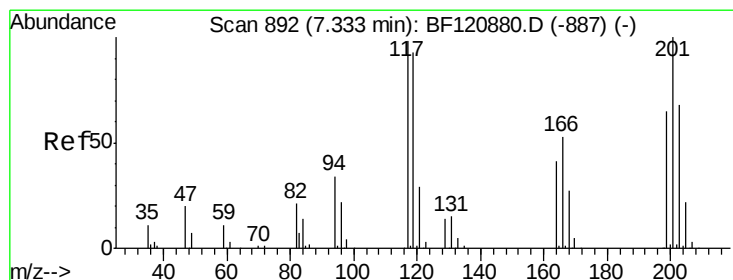
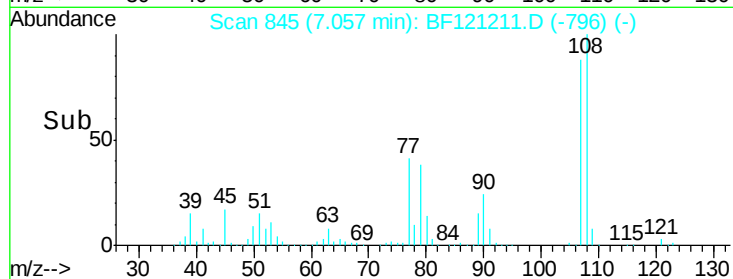
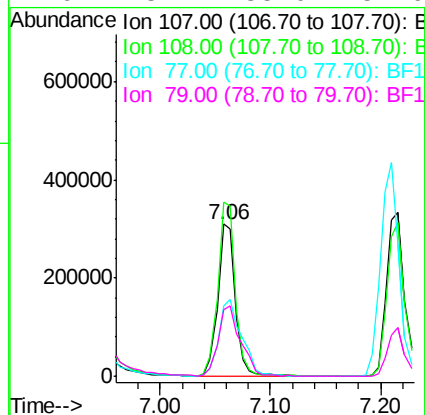
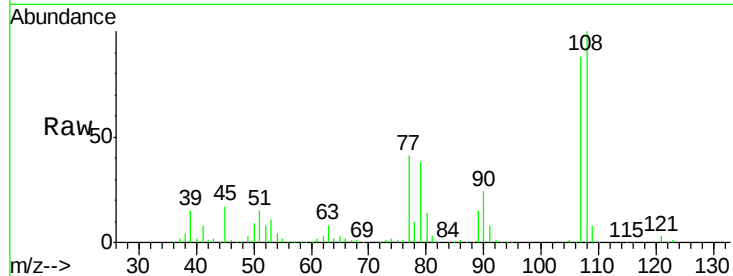




#17
2-Methylphenol
Concen: 21.785 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121211.D
Acq: 6 Aug 2020 19:43

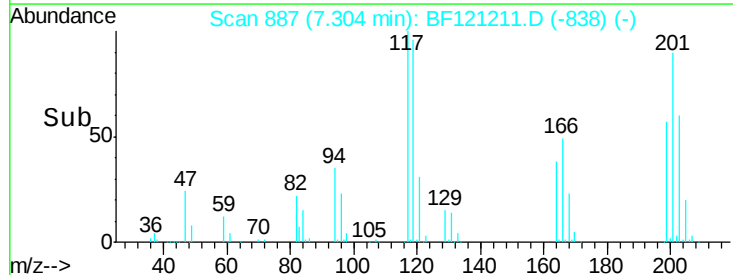
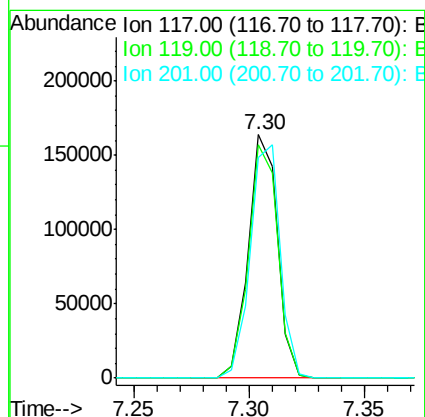
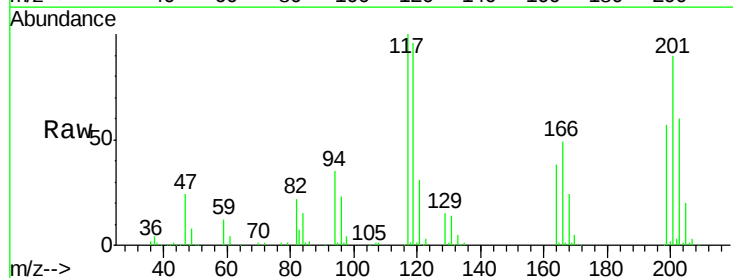
Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMS

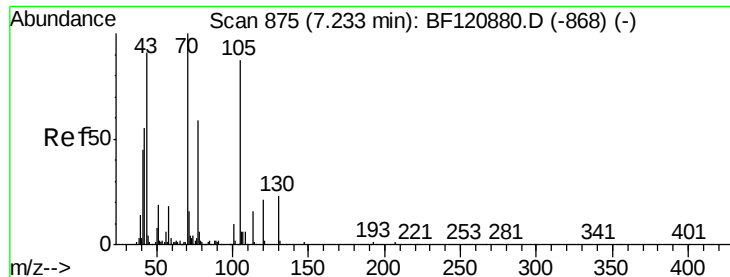
Tot Ion:	107	Resp:	338925
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.2	136.8
77	46.3	36.5	54.7
79	43.7	35.0	52.6



#18
Hexachloroethane
Concen: 21.191 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF121211.D
Acq: 6 Aug 2020 19:43

Tgt Ion:	117	Resp:	145165
Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.6	114.8
201	90.5	75.0	112.4

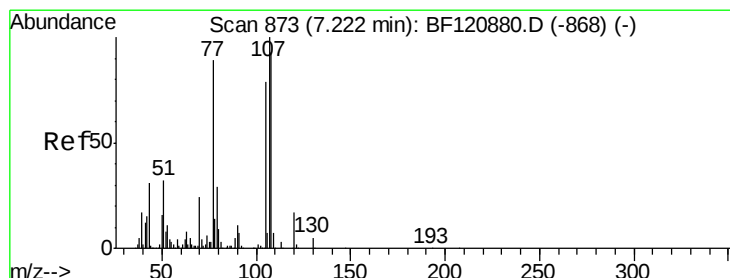
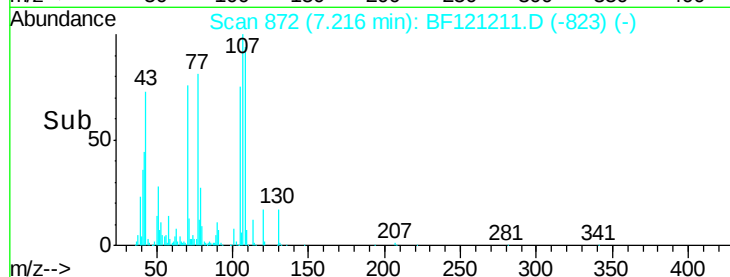
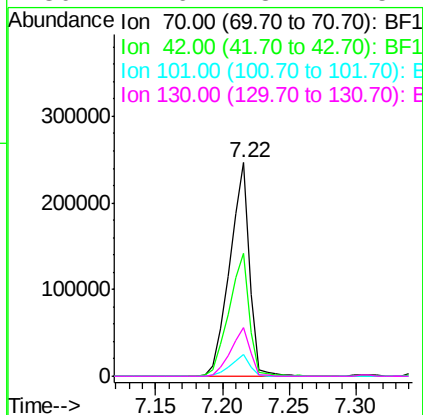
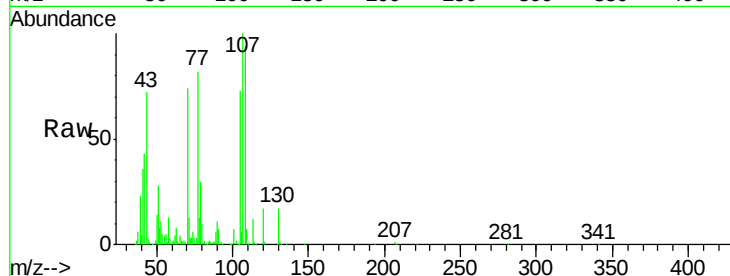




#19
n-Nitroso-di-n-propylamine
Concen: 22.073 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121211.D
Acq: 6 Aug 2020 19:43

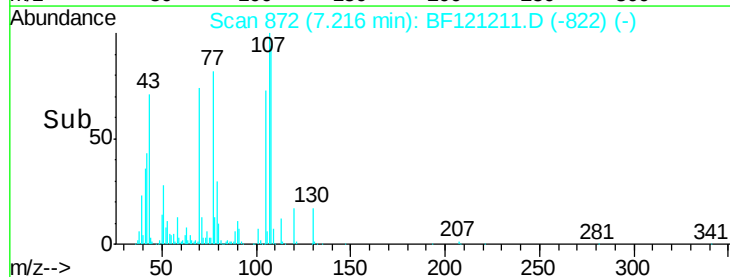
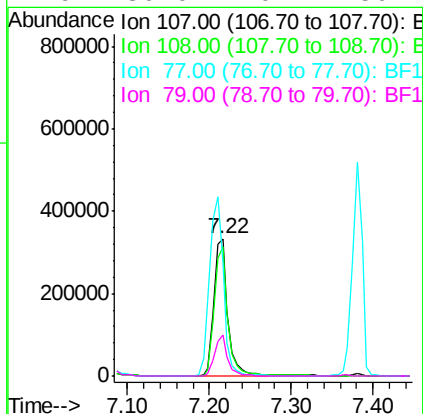
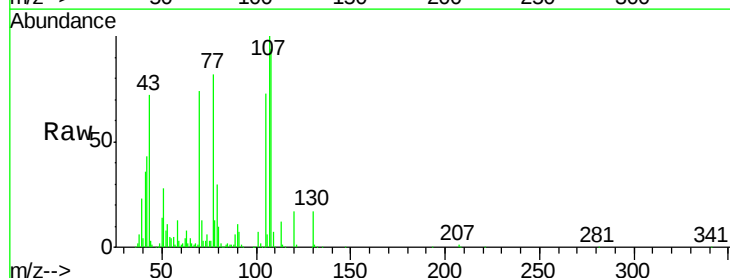
Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMS

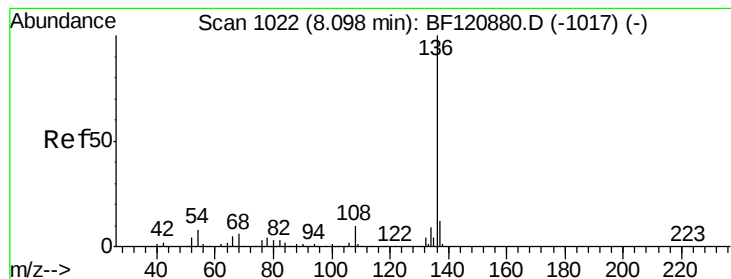
Tot Ion:	70	Resp:	258340
Ion	Ratio	Lower	Upper
70	100		
42	57.8	43.3	64.9
101	9.9	8.4	12.6
130	22.6	18.7	28.1



#20
3+4-Methylphenols
Concen: 19.715 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121211.D
Acq: 6 Aug 2020 19:43

Tgt Ion:	107	Resp:	390180
Ion	Ratio	Lower	Upper
107	100		
108	94.4	73.7	113.7
77	81.9	84.9	124.9#
79	30.0	10.7	50.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMS

Tot Ion:136 Resp: 1001192

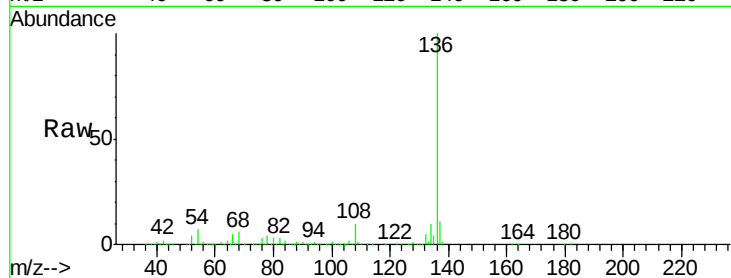
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.4 6.1 9.1

68 6.0 5.0 7.6

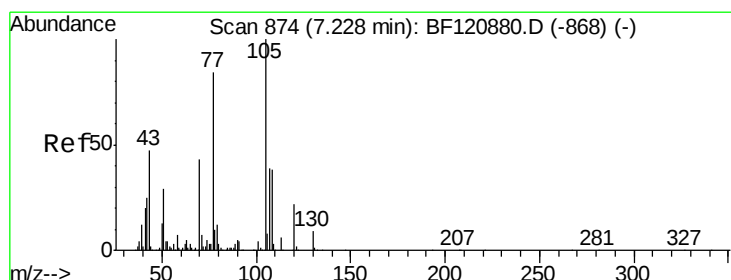
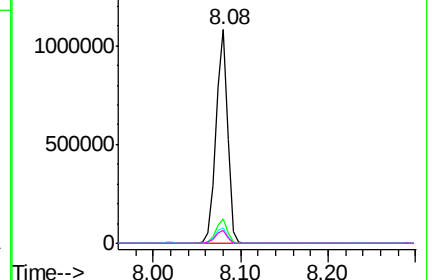
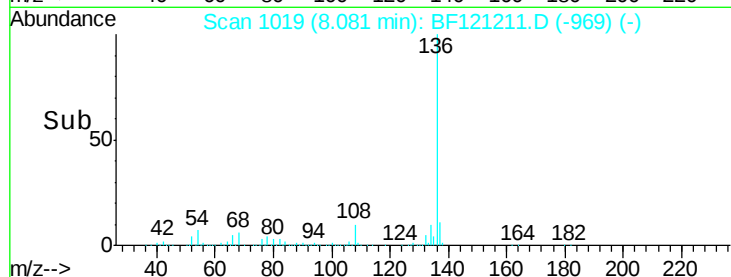


Abundance Ion 136.00 (135.70 to 136.70): E

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: 23.920 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

Tgt Ion:105 Resp: 537472

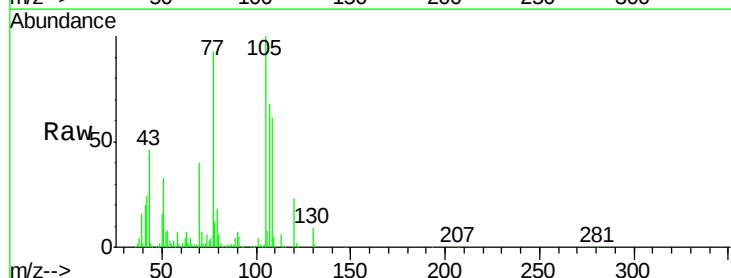
Ion Ratio Lower Upper

105 100

71 6.8 3.8 5.8#

51 33.0 28.0 42.0

120 22.9 17.8 26.6

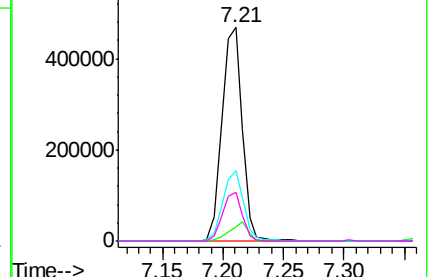
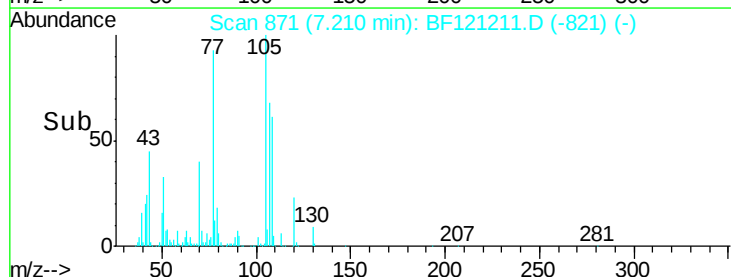


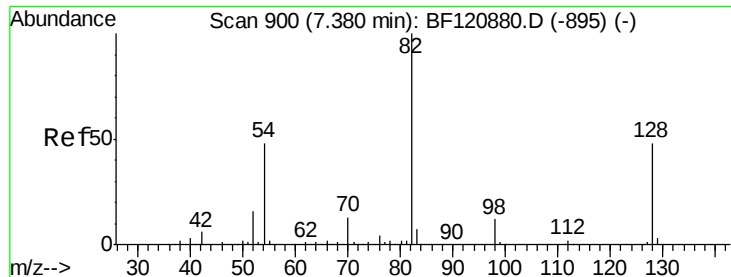
Abundance Ion 105.00 (104.70 to 105.70): E

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

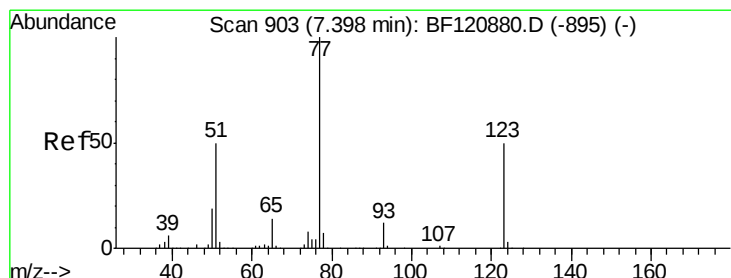
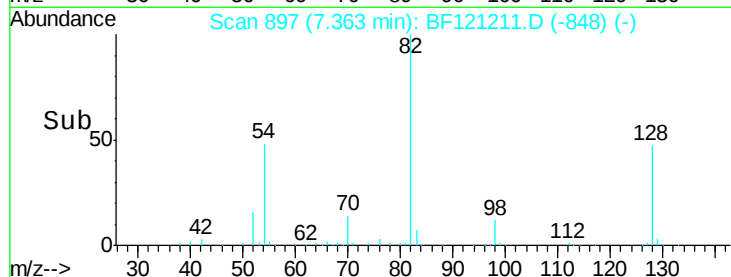
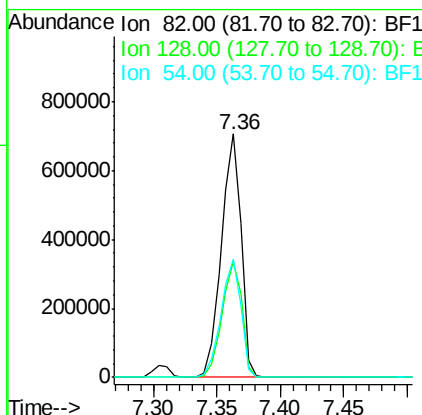
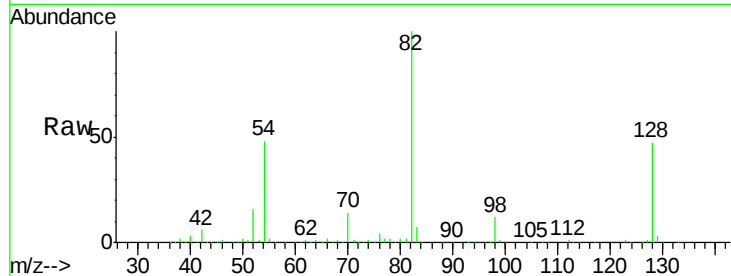




#23
 Nitrobenzene-d5
 Concen: 44.392 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

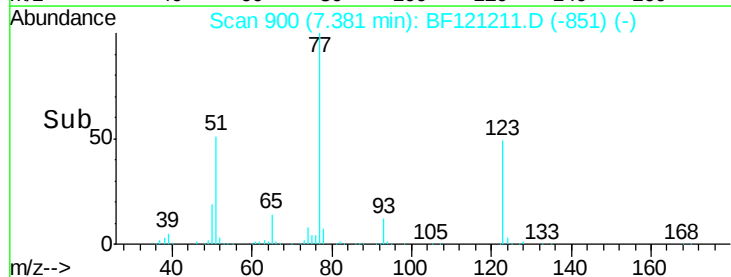
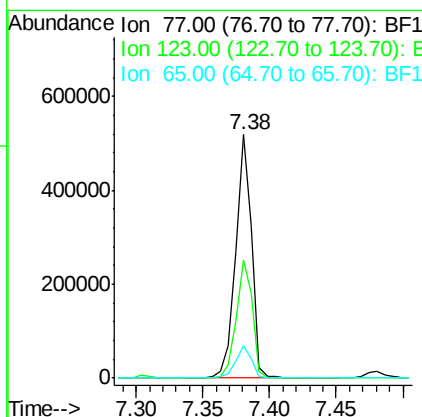
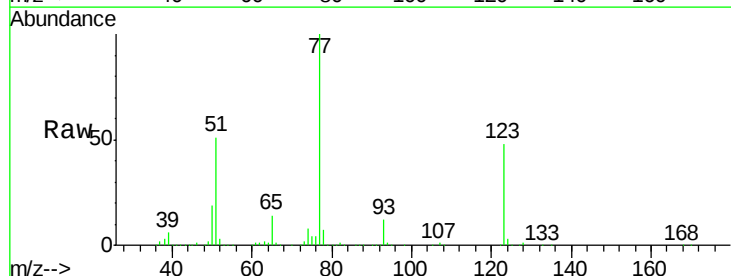
Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IBMS

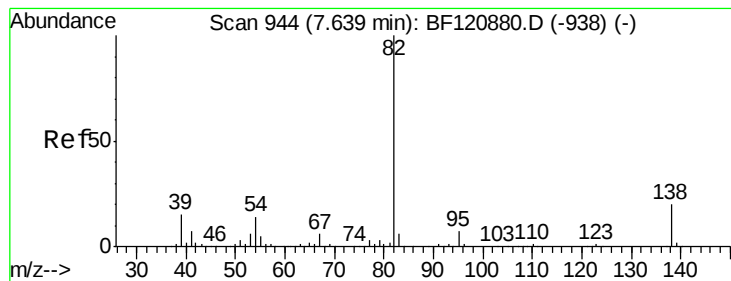
Tot Ion: 82 Resp: 768106
 Ion Ratio Lower Upper
 82 100
 128 47.5 39.2 58.8
 54 48.4 37.8 56.8



#24
 Nitrobenzene
 Concen: 23.319 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

Tgt Ion: 77 Resp: 434868
 Ion Ratio Lower Upper
 77 100
 123 48.5 41.0 61.6
 65 13.5 10.3 15.5





#25

Isophorone

Concen: 22.742 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMS

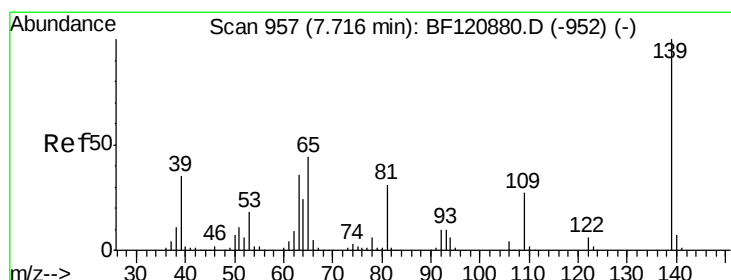
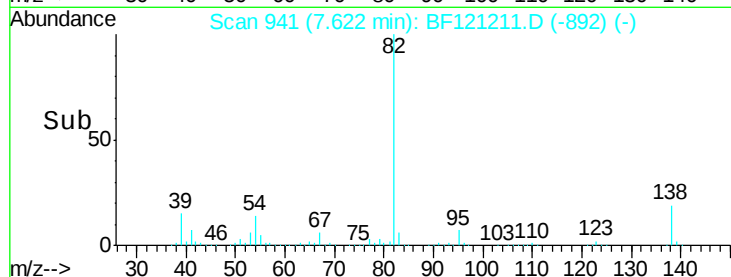
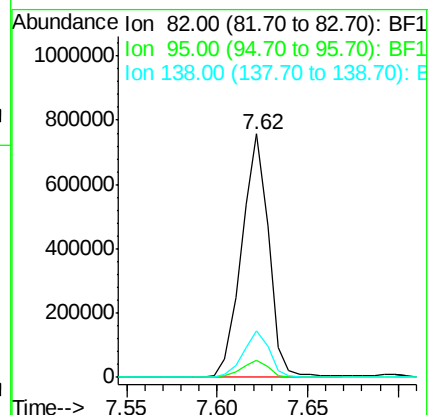
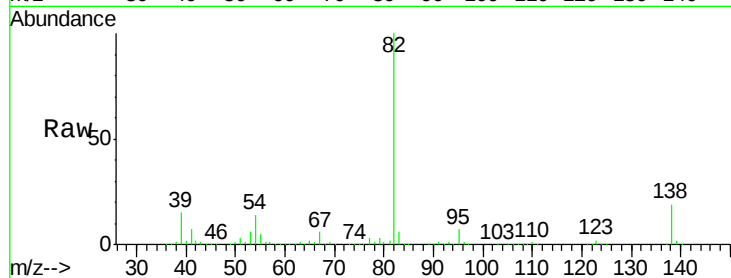
Tot Ion: 82 Resp: 785354

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 18.8 16.2 24.2



#26

2-Nitrophenol

Concen: 25.888 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

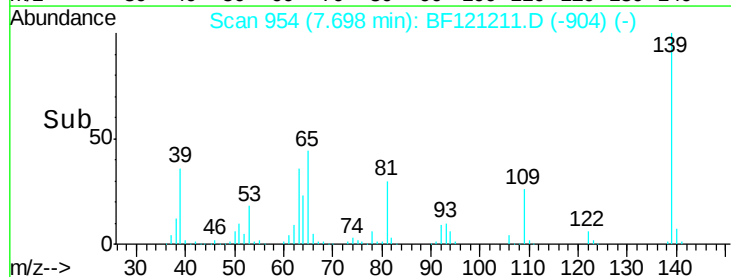
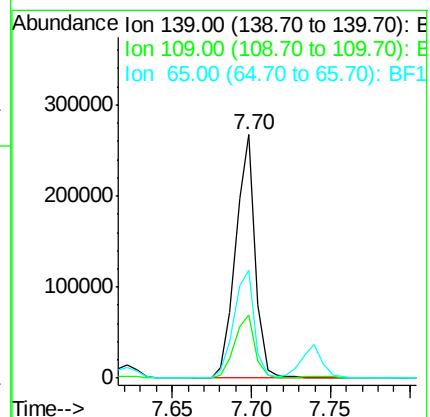
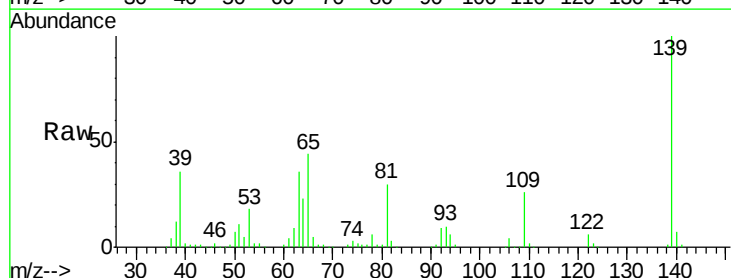
Tgt Ion: 139 Resp: 229286

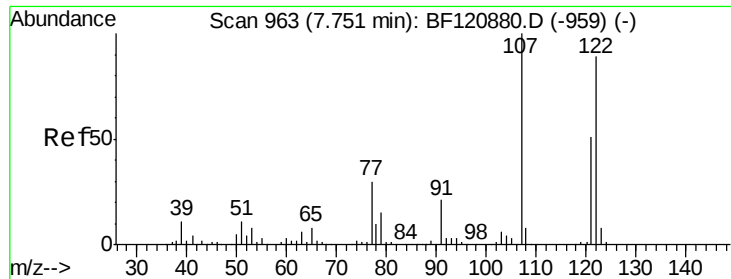
Ion Ratio Lower Upper

139 100

109 26.1 21.7 32.5

65 44.4 36.3 54.5

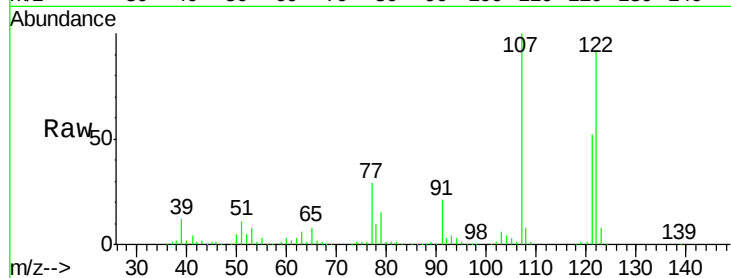




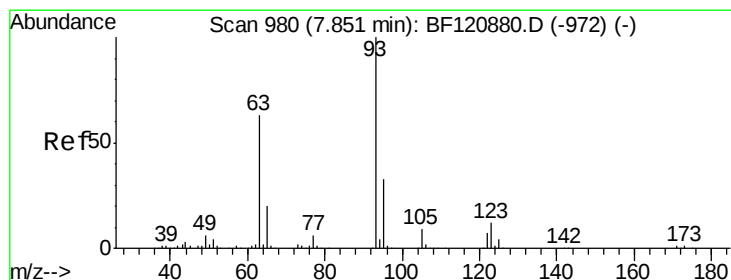
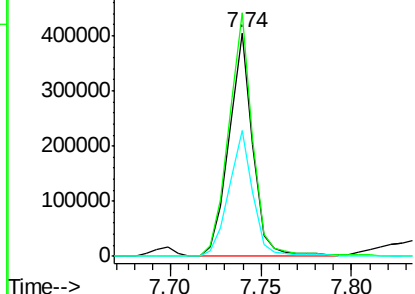
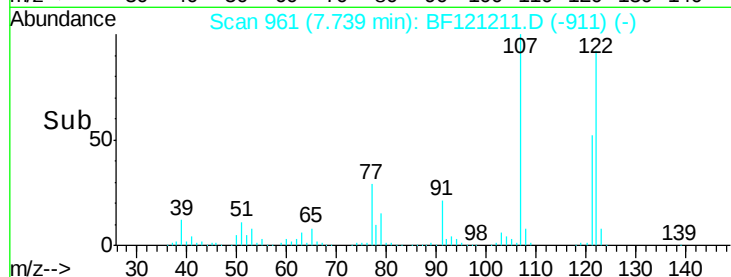
#27
 2,4-Dimethylphenol
 Concen: 25.823 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IBMS

Tot Ion:122 Resp: 371338
 Ion Ratio Lower Upper
 122 100
 107 108.9 87.1 130.7
 121 56.6 45.5 68.3

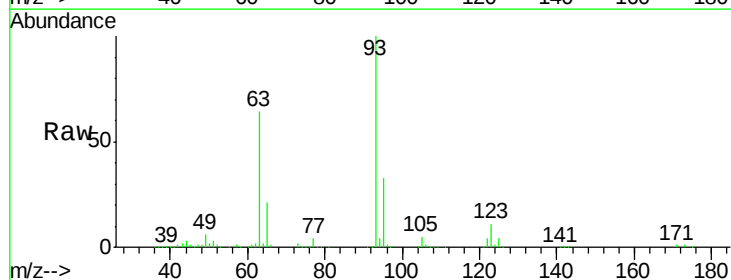


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

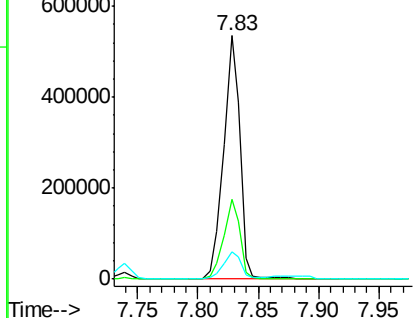
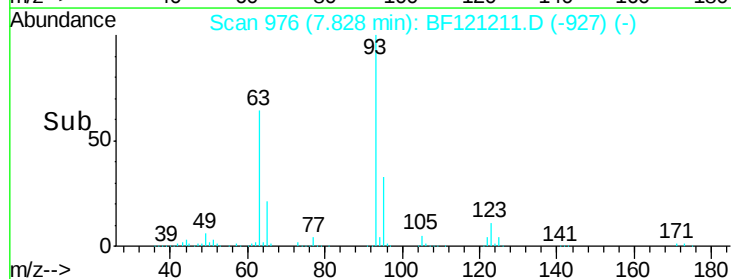


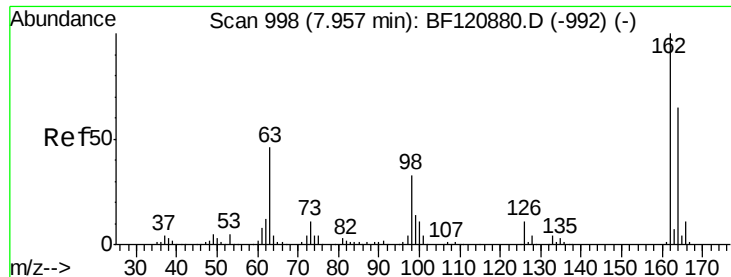
#28
 bis(2-Chloroethoxy)methane
 Concen: 23.790 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

Tgt Ion: 93 Resp: 501469
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.2 39.4
 123 11.5 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

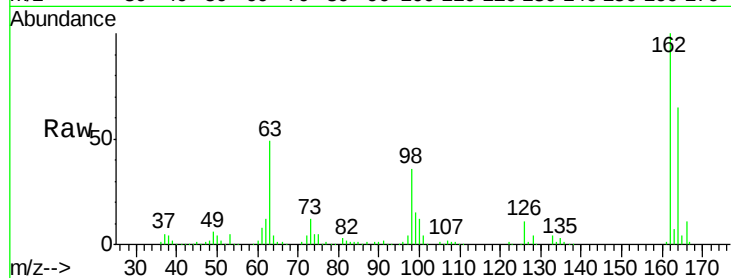




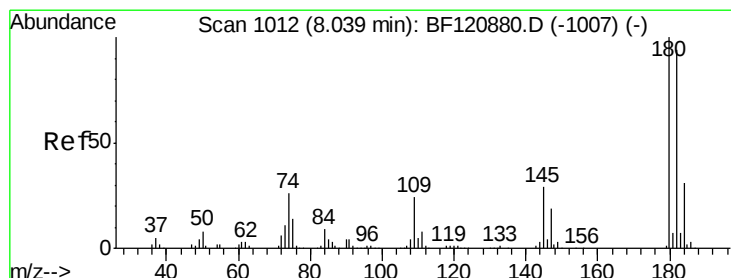
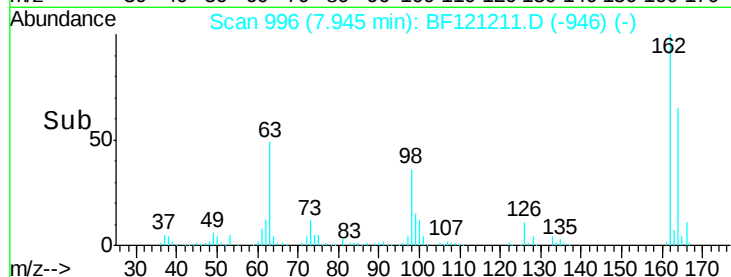
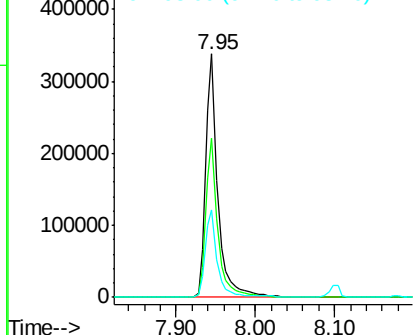
#29
 2,4-Dichlorophenol
 Concen: 24.730 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IBMS

Tot Ion:162 Resp: 363401
 Ion Ratio Lower Upper
 162 100
 164 65.3 44.7 84.7
 98 35.8 14.2 54.2

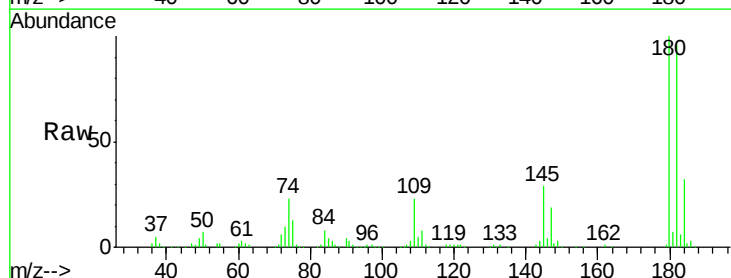


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

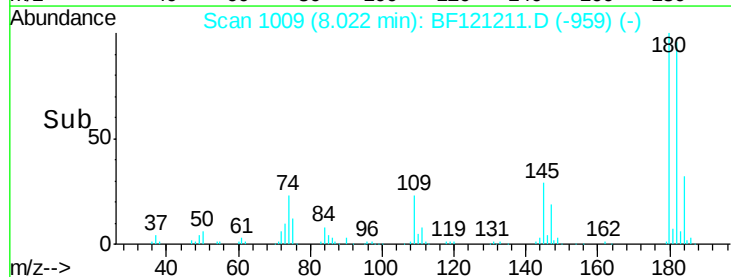
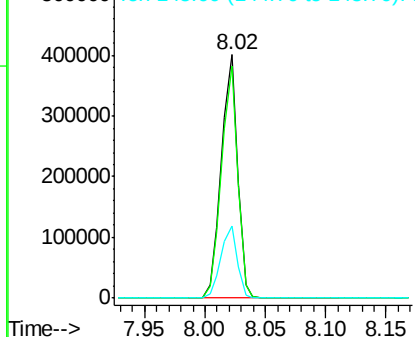


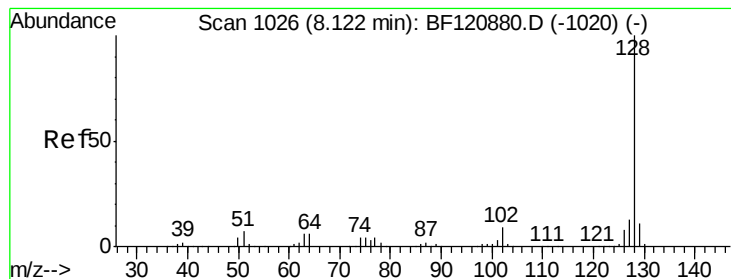
#30
 1,2,4-Trichlorobenzene
 Concen: 22.939 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

Tgt Ion:180 Resp: 373976
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.4 114.6
 145 29.4 24.2 36.4



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: 22.567 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMS

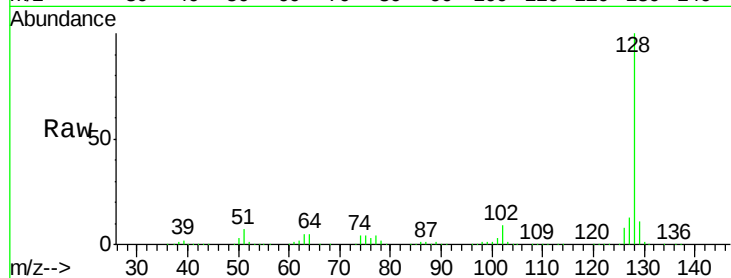
Tot Ion:128 Resp: 1158948

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

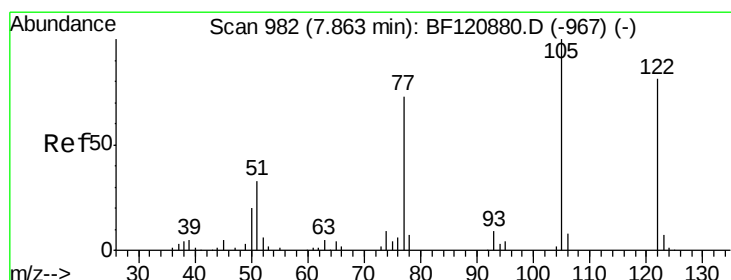
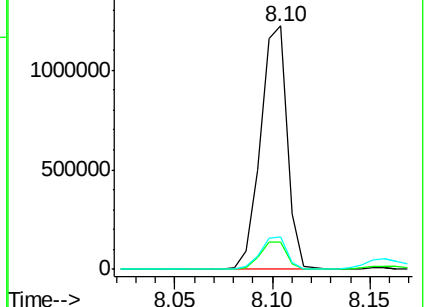
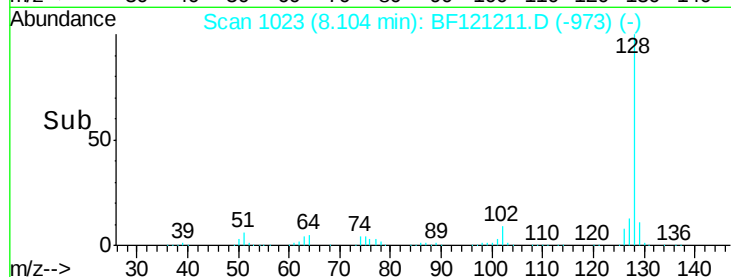
127 13.2 10.8 16.2



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: 27.104 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

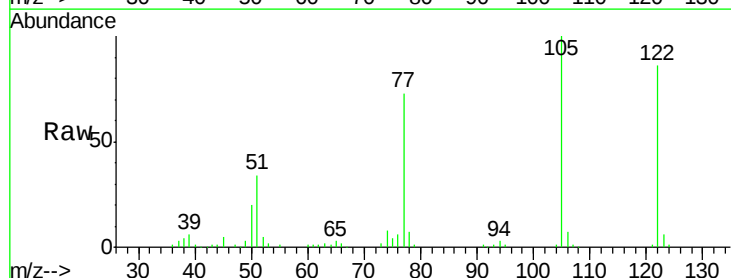
Tgt Ion:122 Resp: 292582

Ion Ratio Lower Upper

122 100

105 116.0 100.9 140.9

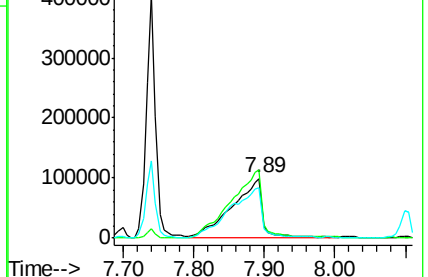
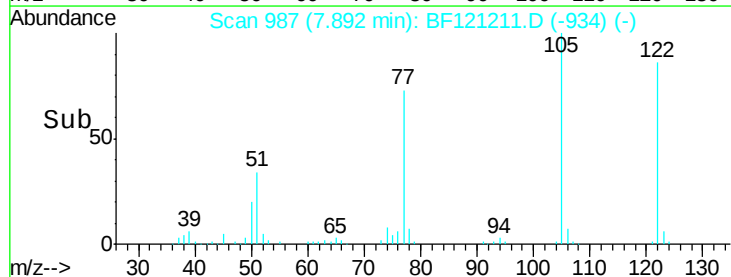
77 85.0 67.8 107.8

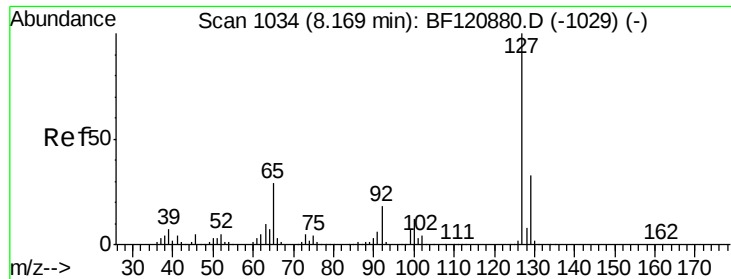


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

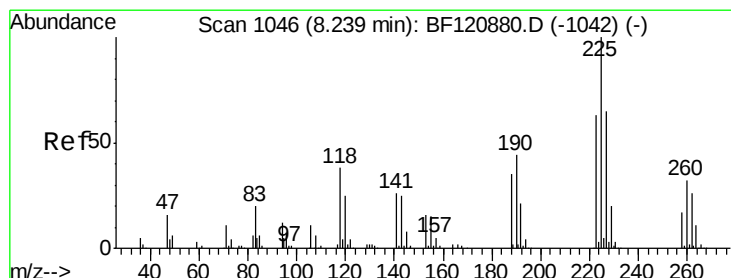
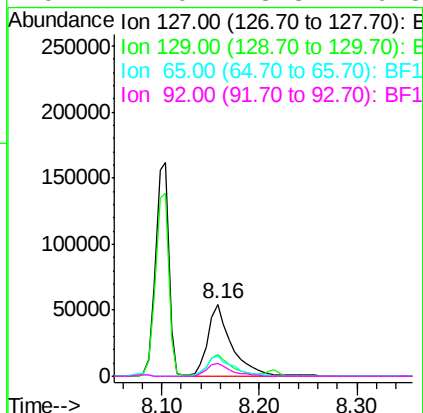
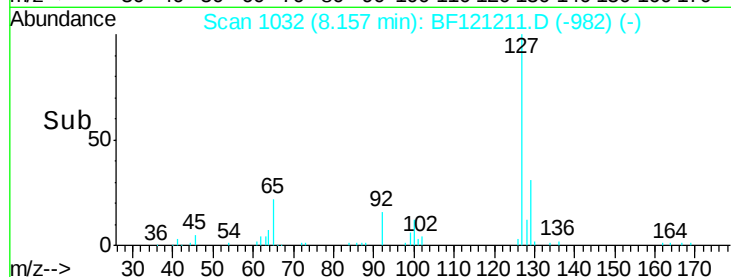
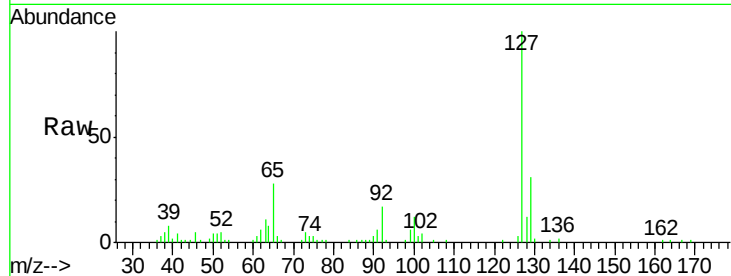




#33
4-Chloroaniline
Concen: 3.991 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF121211.D
Acq: 6 Aug 2020 19:43

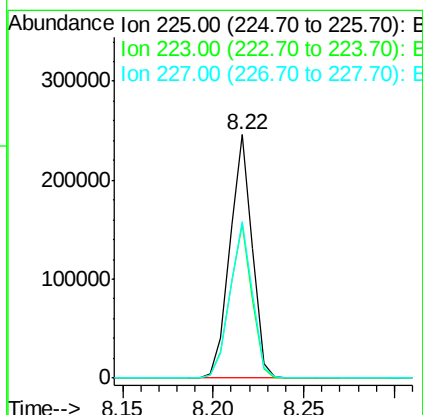
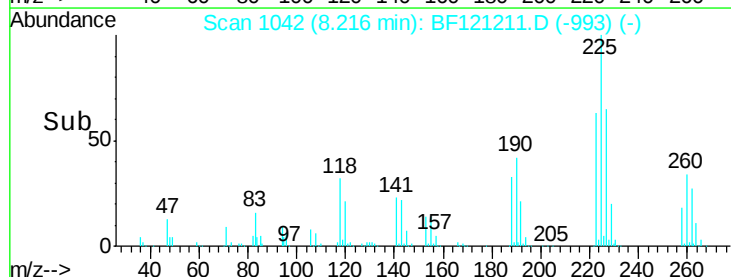
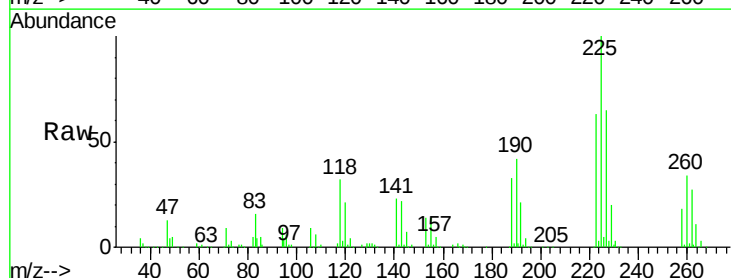
Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMS

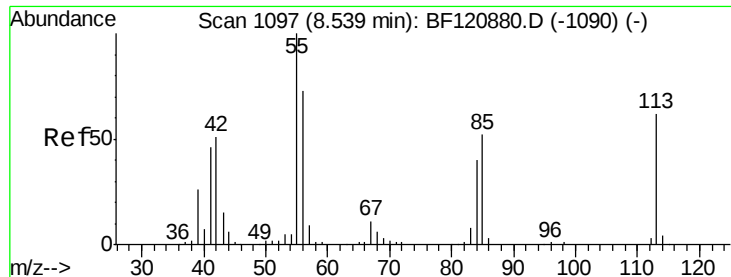
Tot Ion:	127	Resp:	91439
Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.2	39.2
65	28.4	21.4	32.0
92	17.0	13.8	20.8



#34
Hexachlorobutadiene
Concen: 21.928 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121211.D
Acq: 6 Aug 2020 19:43

Tgt Ion:	225	Resp:	210749
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.7	74.5
227	64.5	51.4	77.0

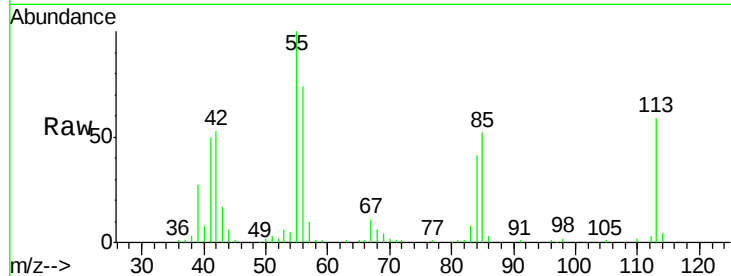




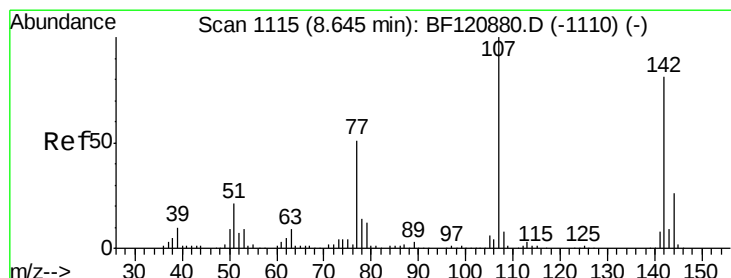
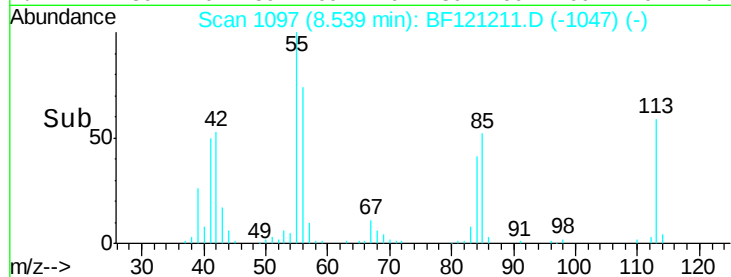
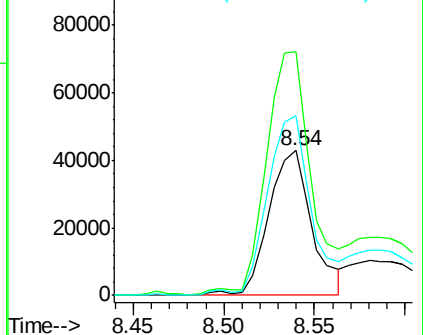
#35
 Caprolactam
 Concen: 15.025 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IBMS

Tot Ion:113 Resp: 70804
 Ion Ratio Lower Upper
 113 100
 55 168.3 131.0 171.0
 56 124.6 90.4 130.4

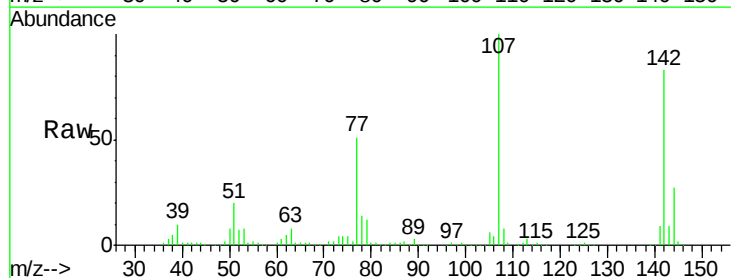


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

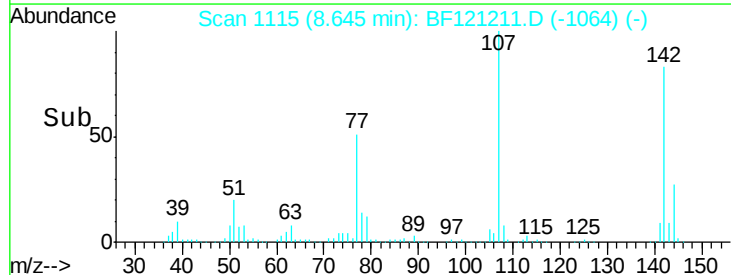
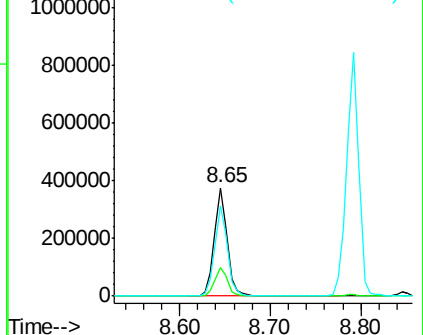


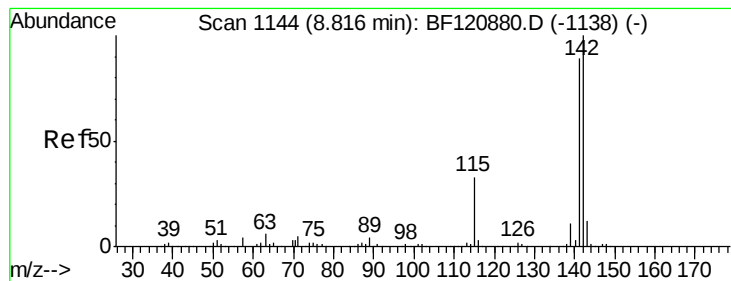
#36
 4-Chloro-3-methylphenol
 Concen: 24.909 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

Tgt Ion:107 Resp: 375396
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.9 31.3
 142 83.0 64.5 96.7



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: 23.885 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMS

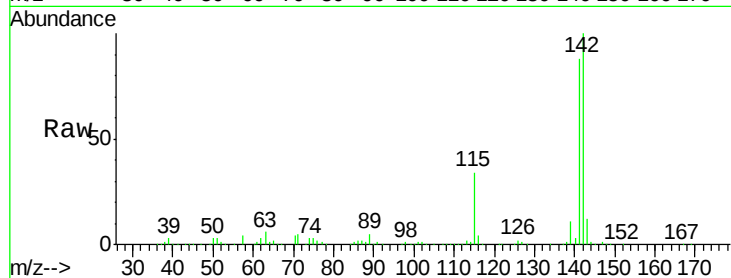
Tot Ion:142 Resp: 796460

Ion Ratio Lower Upper

142 100

141 87.9 70.6 105.8

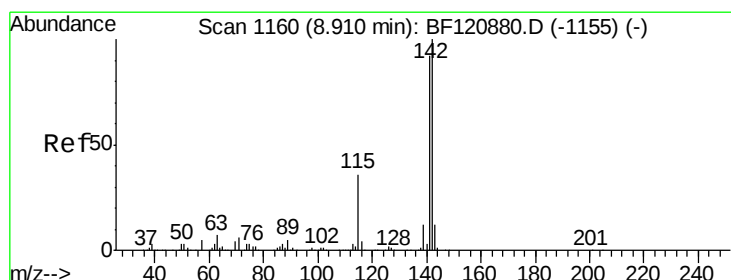
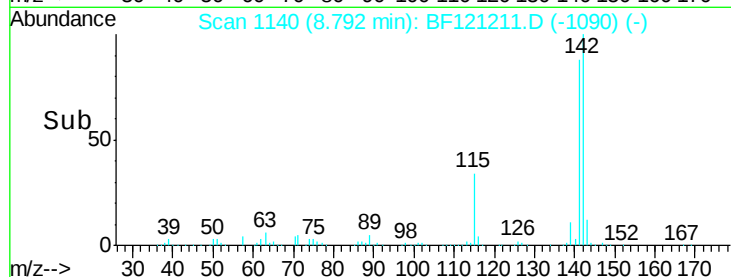
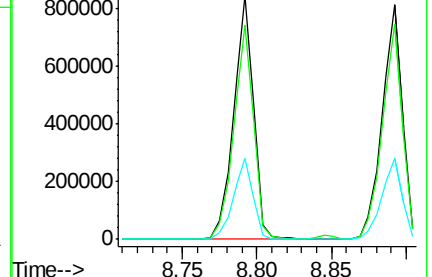
115 33.6 27.1 40.7



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: 23.815 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

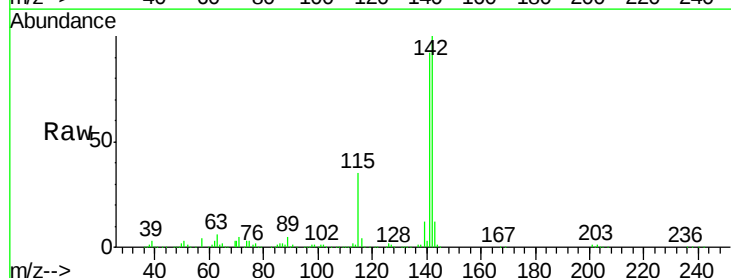
Tgt Ion:142 Resp: 752128

Ion Ratio Lower Upper

142 100

141 91.7 73.0 109.6

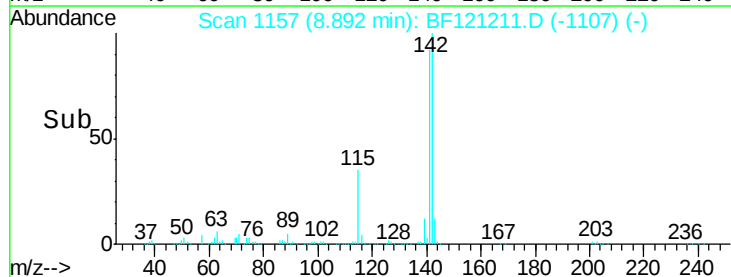
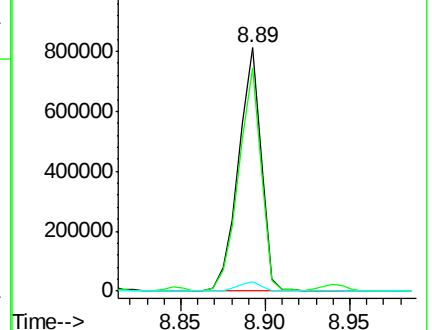
116 3.7 3.0 4.6

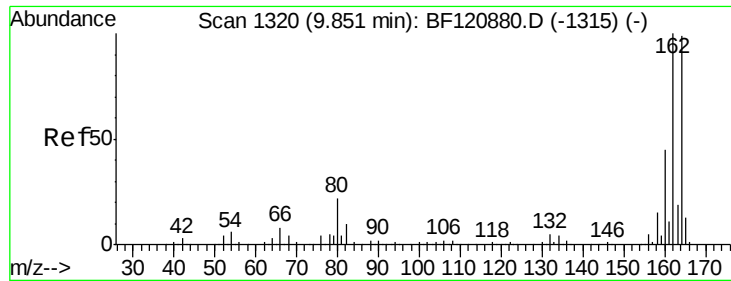


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMS

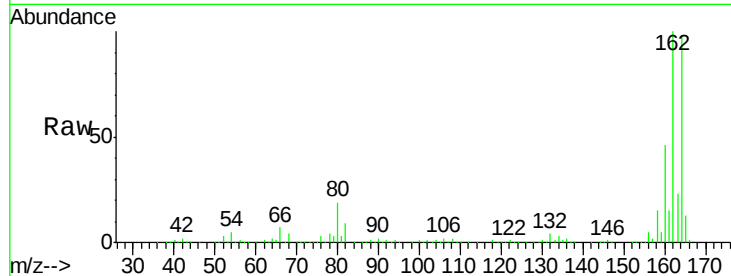
Tot Ion:164 Resp: 521501

Ion Ratio Lower Upper

164 100

162 102.0 82.2 123.2

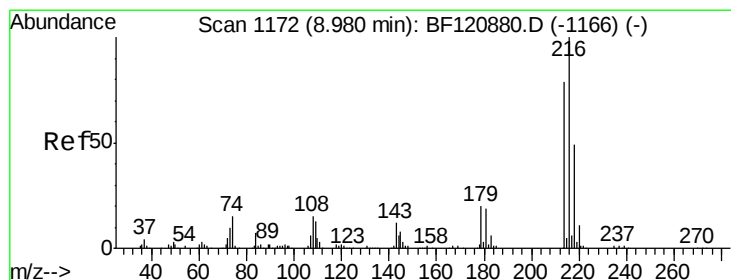
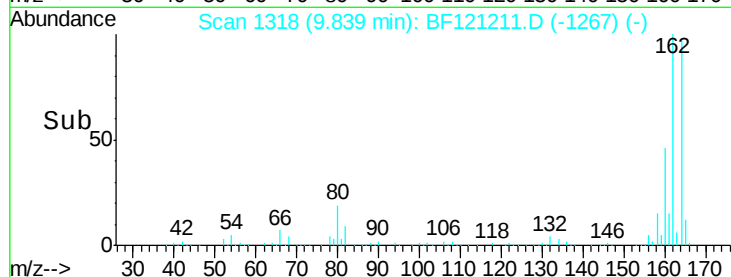
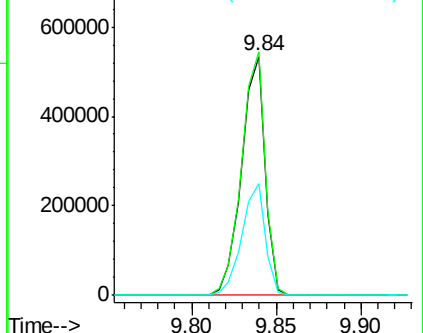
160 46.8 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 24.894 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

Tgt Ion:216 Resp: 378247

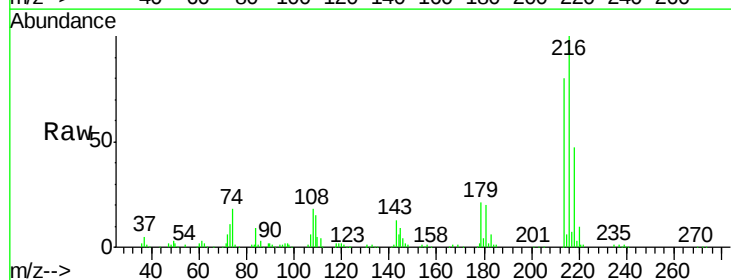
Ion Ratio Lower Upper

216 100

214 79.6 63.9 95.9

179 20.4 16.6 24.8

108 18.0 15.0 22.4

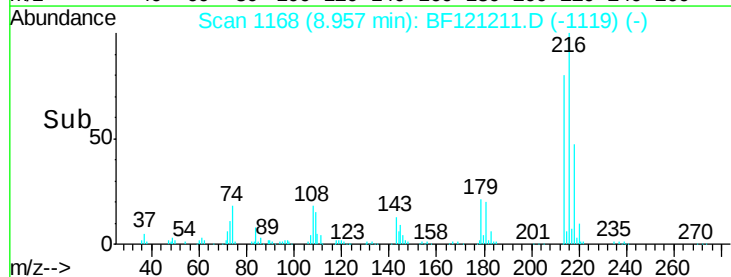
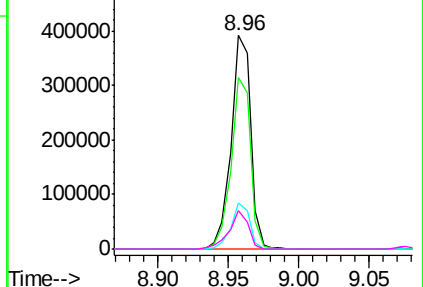


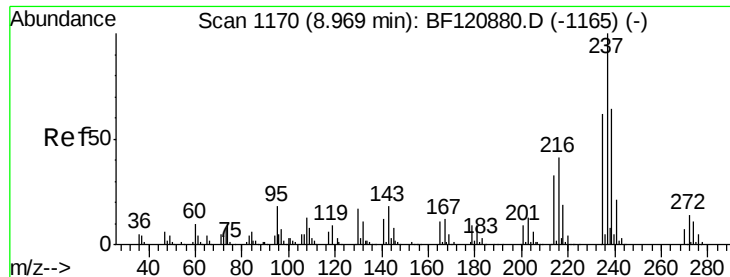
Abundance Ion 216.00 (215.70 to 216.70): E

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: 21.509 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMS

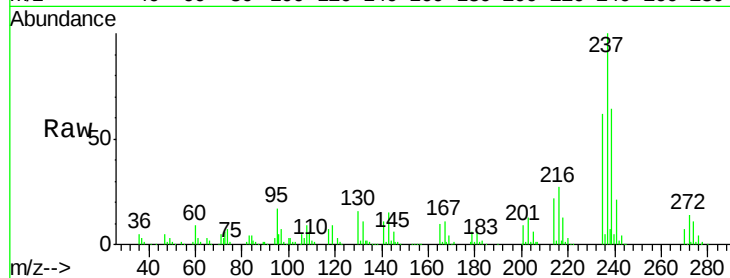
Tot Ion:237 Resp: 180623

Ion Ratio Lower Upper

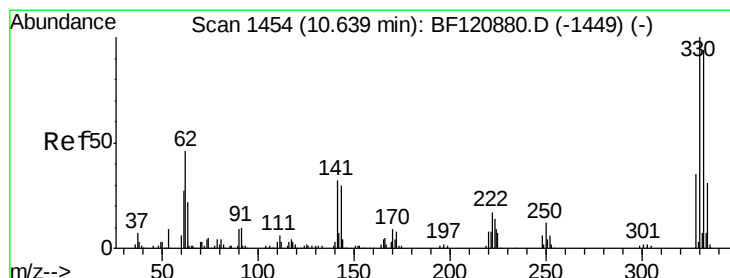
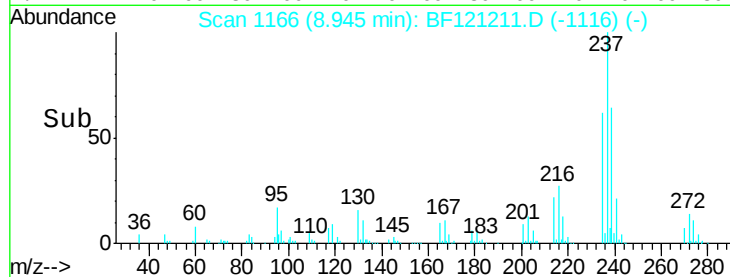
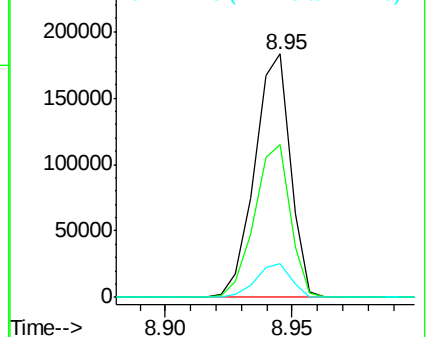
237 100

235 62.5 43.2 83.2

272 14.0 0.0 33.6



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: 61.130 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

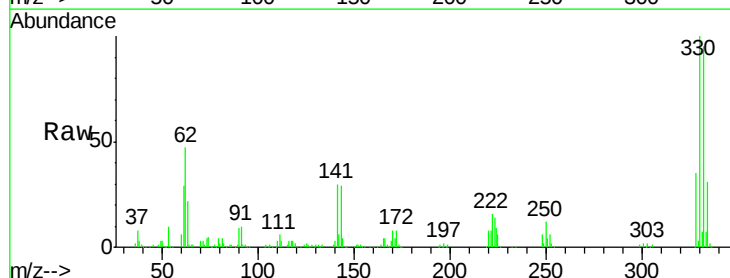
Tgt Ion:330 Resp: 348951

Ion Ratio Lower Upper

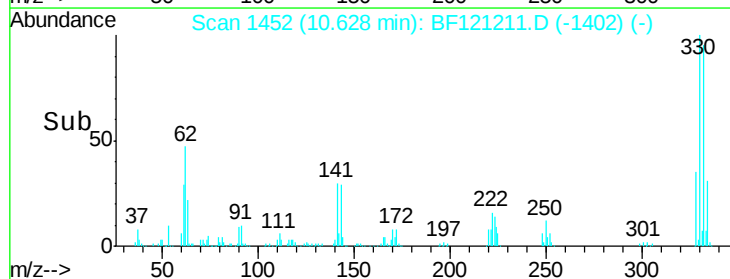
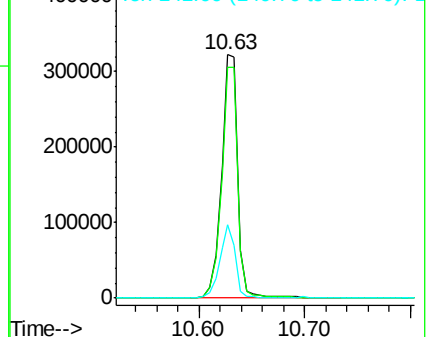
330 100

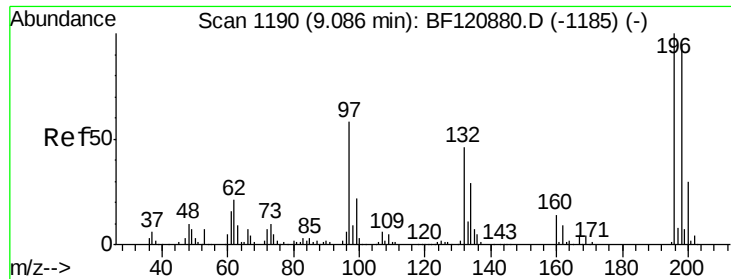
332 95.5 76.1 114.1

141 29.2 24.1 36.1



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

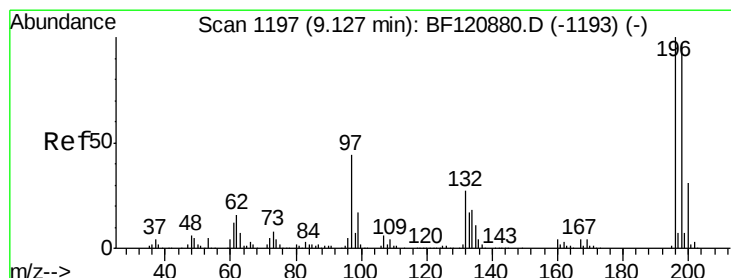
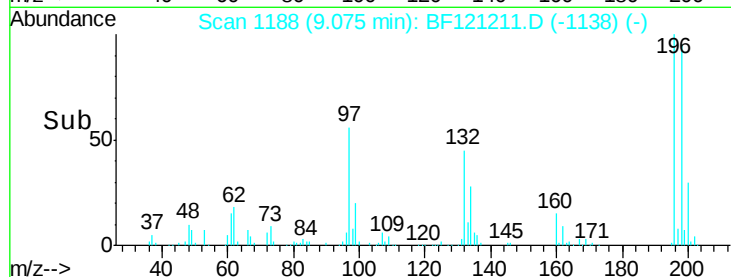
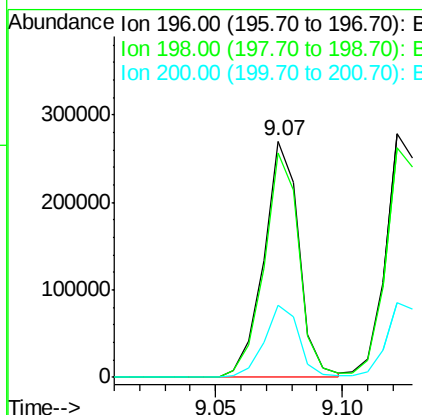
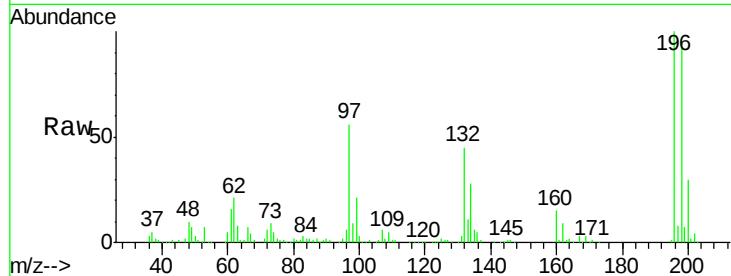




#43
 2,4,6-Trichlorophenol
 Concen: 24.488 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

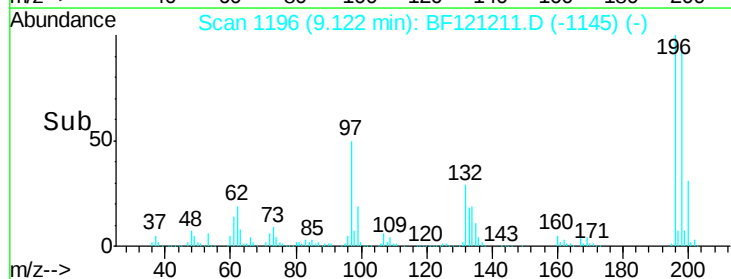
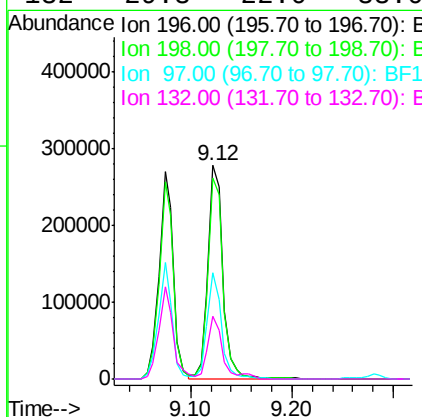
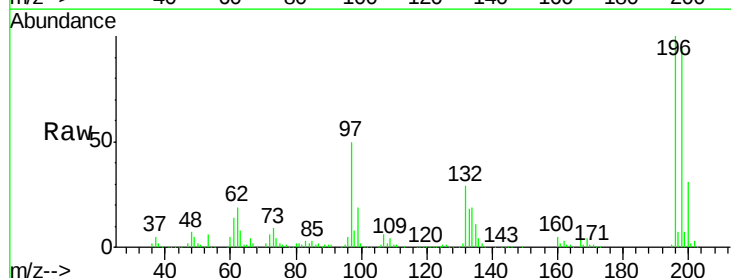
Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IBMS

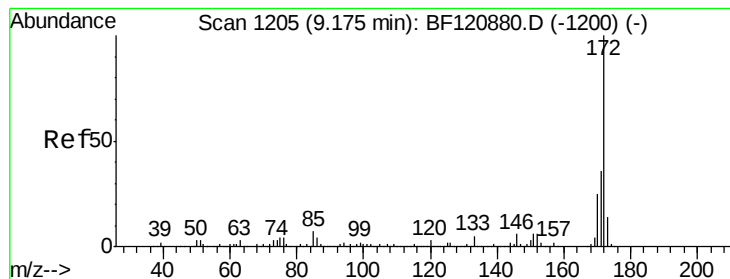
Tot Ion:196	Resp:	261981
Ion	Ratio	Lower Upper
196	100	
198	94.9	77.5 116.3
200	30.5	24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 23.567 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

Tgt Ion:196	Resp:	285986
Ion	Ratio	Lower Upper
196	100	
198	94.2	76.2 114.4
97	50.0	37.3 55.9
132	29.3	22.0 33.0





#45

2-Fluorobiphenyl

Concen: 39.554 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMS

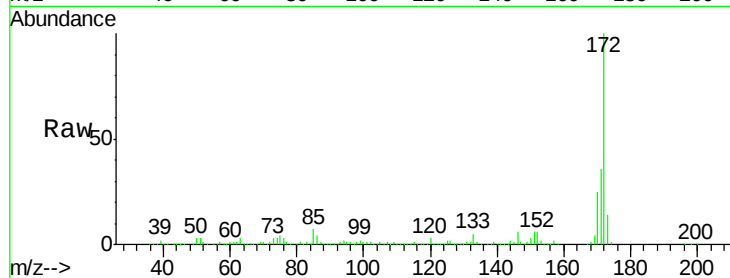
Tot Ion:172 Resp: 1381574

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

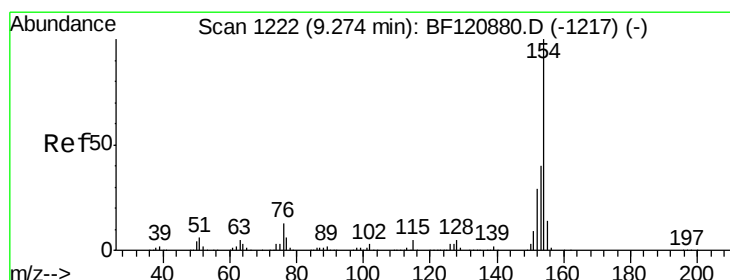
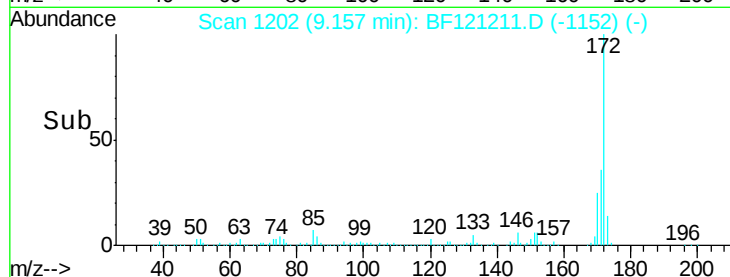
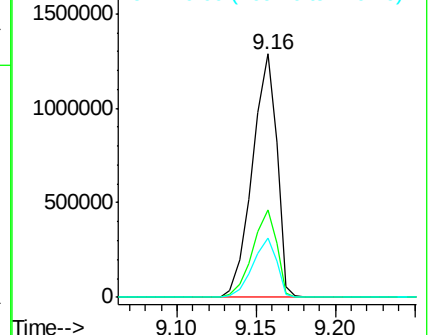
170 24.5 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 24.494 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

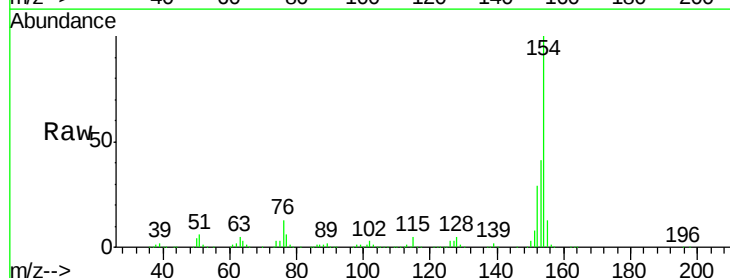
Tgt Ion:154 Resp: 974376

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

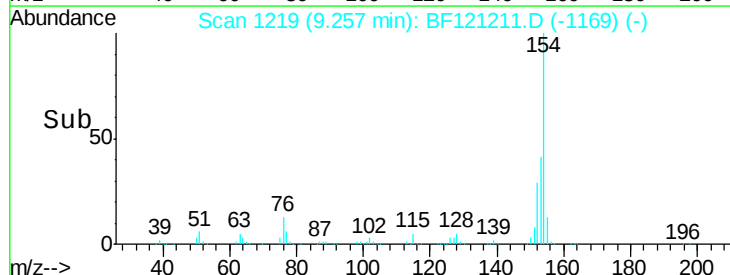
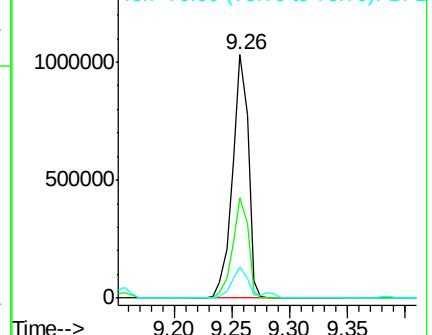
76 13.0 0.0 33.4

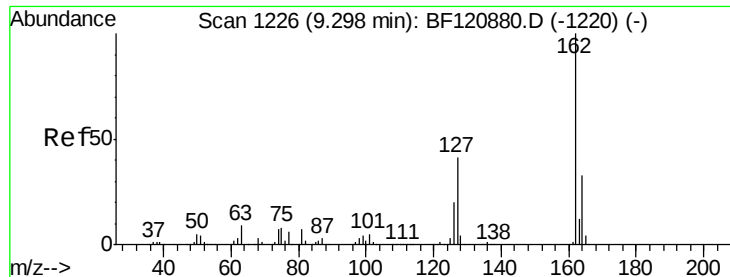


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

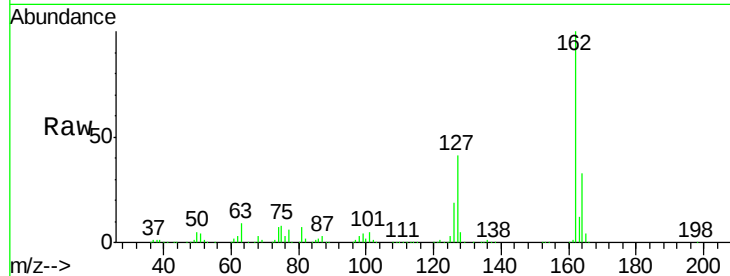




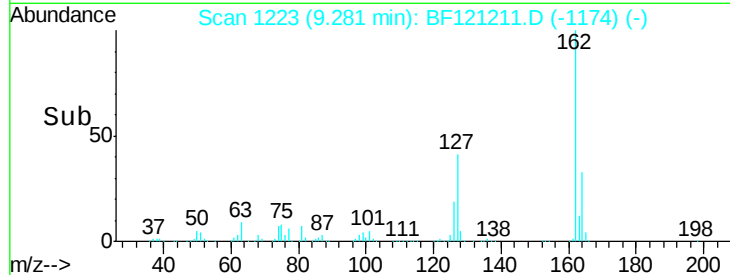
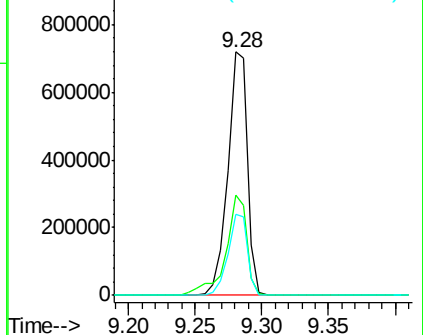
#47
 2-Chloronaphthalene
 Concen: 23.135 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IBMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	31.1	46.7
164	33.0	26.6	40.0

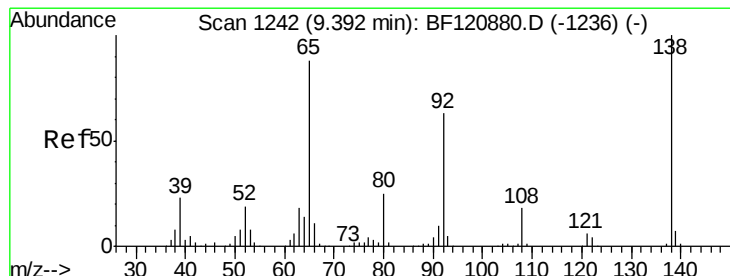


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

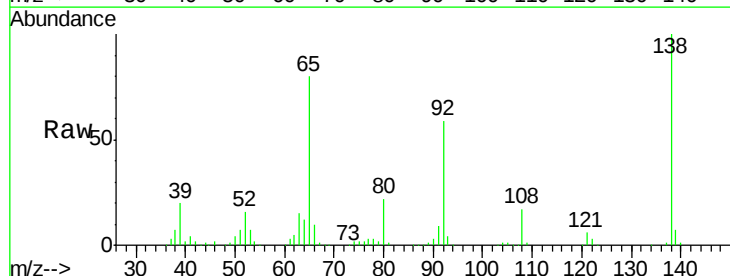
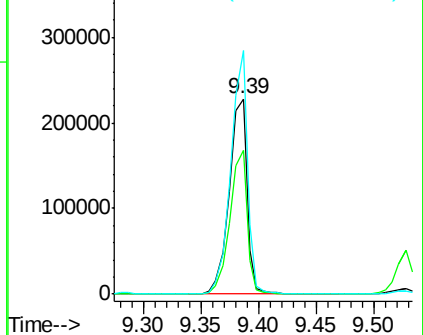


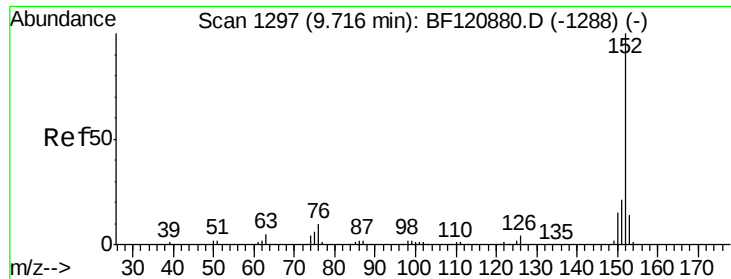
#48
 2-Nitroaniline
 Concen: 25.124 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.6	58.0	87.0
138	124.7	93.3	139.9



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: 23.576 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMS

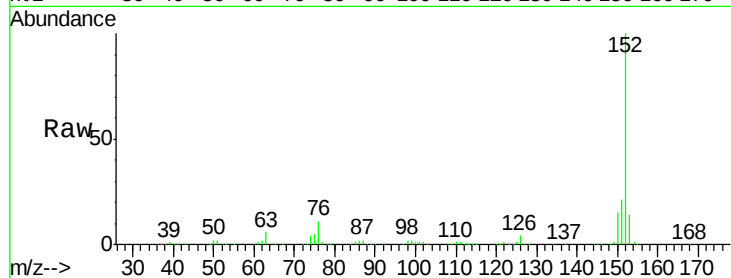
Tot Ion:152 Resp: 1187866

Ion Ratio Lower Upper

152 100

151 20.9 16.6 25.0

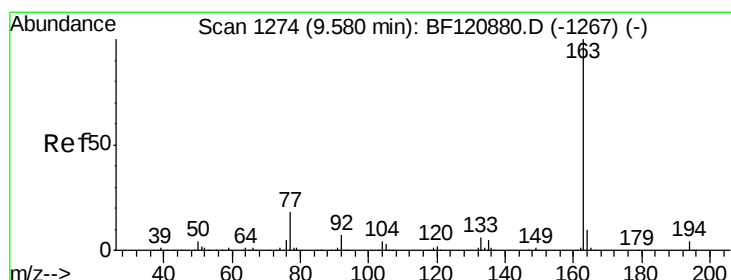
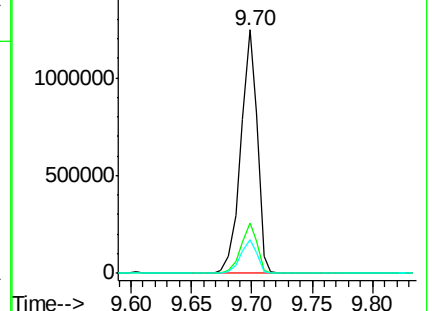
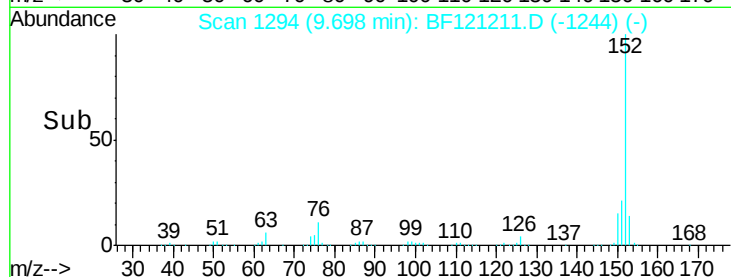
153 13.7 11.0 16.4



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: 24.846 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

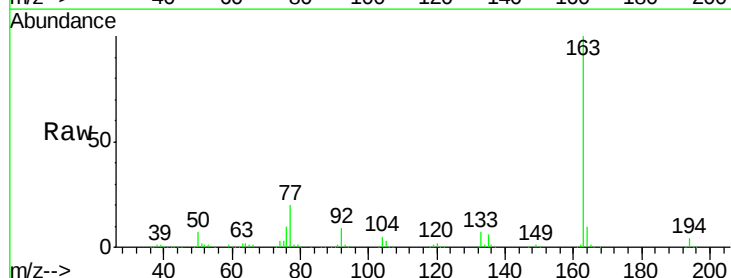
Tgt Ion:163 Resp: 934792

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

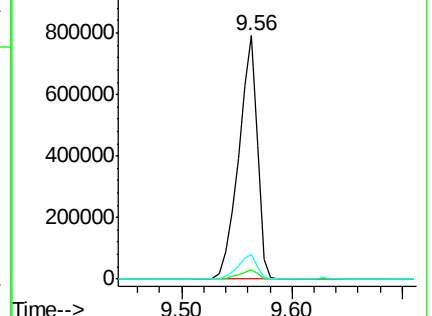
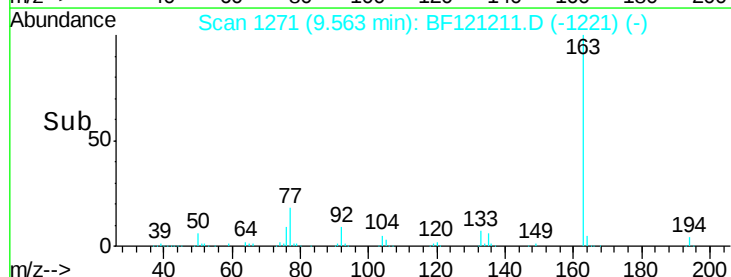
164 10.1 8.4 12.6

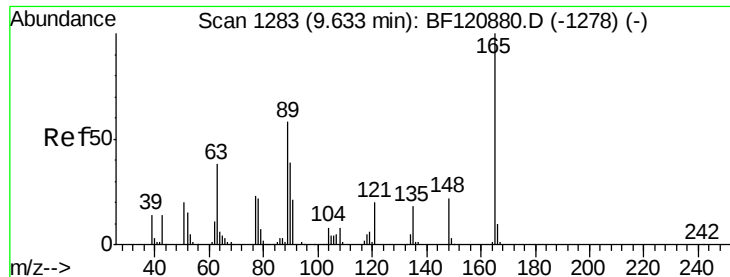


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 25.210 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMS

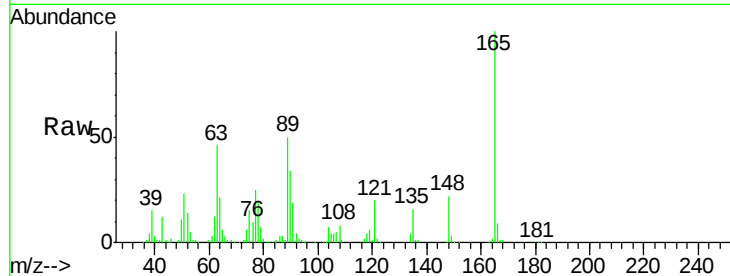
Tot Ion:165 Resp: 203773

Ion Ratio Lower Upper

165 100

63 46.2 41.1 61.7

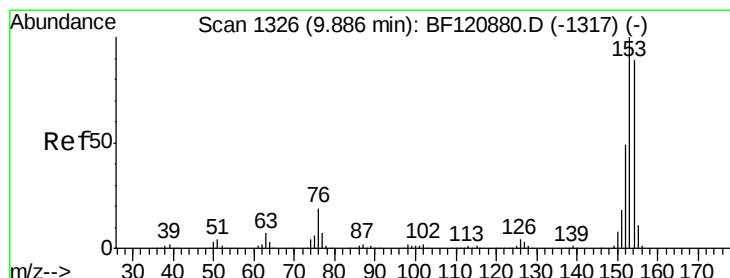
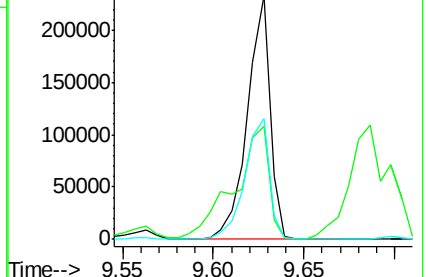
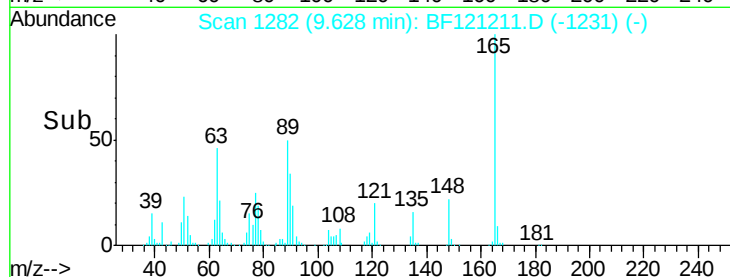
89 49.7 43.5 65.3



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: 21.713 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

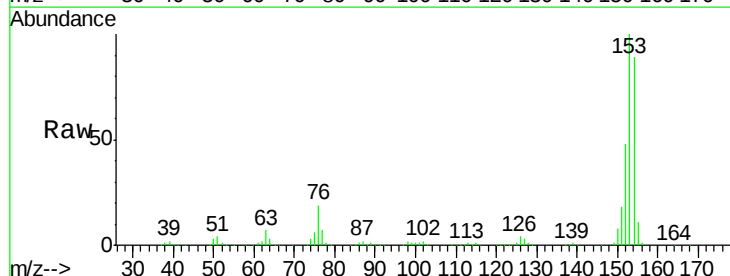
Tgt Ion:154 Resp: 695538

Ion Ratio Lower Upper

154 100

153 112.6 89.6 134.4

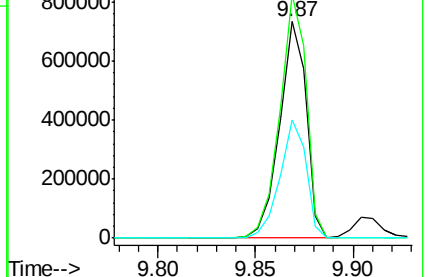
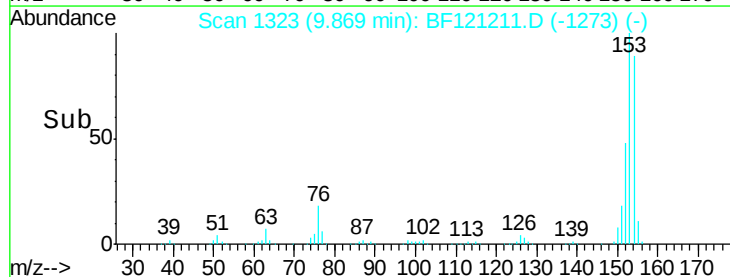
152 54.6 43.8 65.6

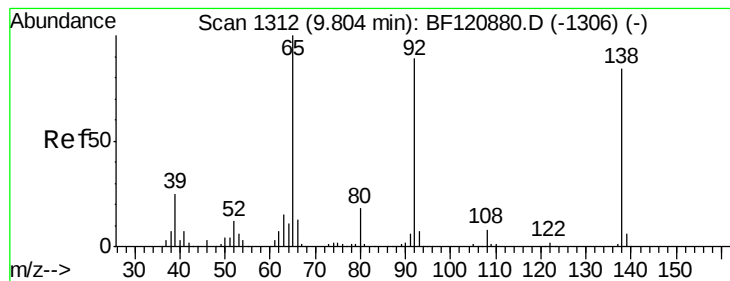


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 9.349 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMS

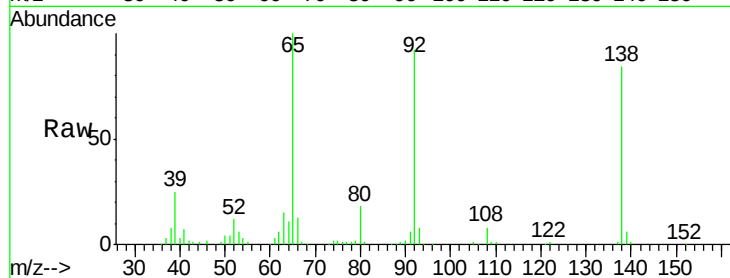
Tot Ion:138 Resp: 94776

Ion Ratio Lower Upper

138 100

108 9.1 7.8 11.8

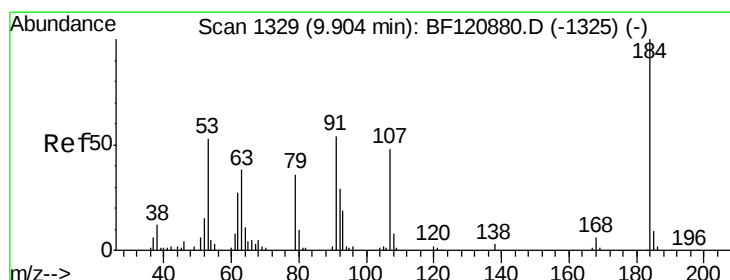
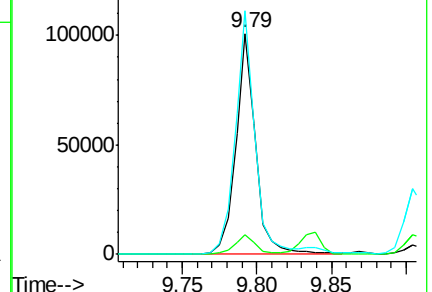
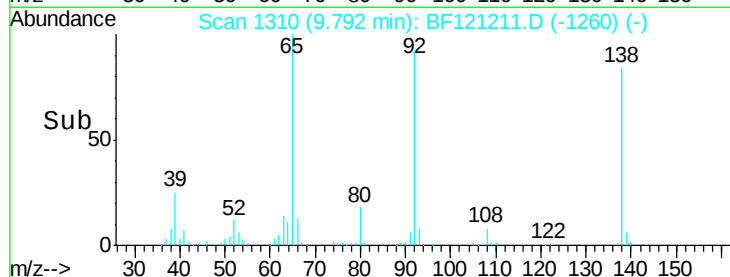
92 110.1 85.0 127.4



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: 34.617 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

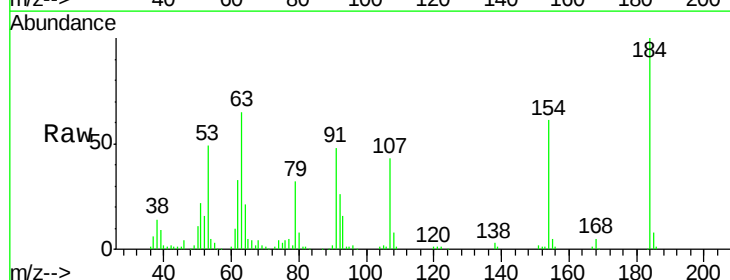
Tgt Ion:184 Resp: 141340

Ion Ratio Lower Upper

184 100

63 65.4 42.5 63.7#

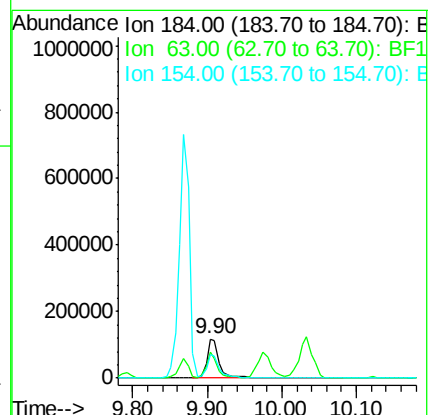
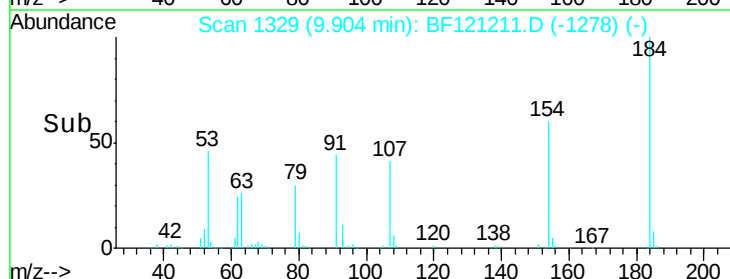
154 60.8 46.8 70.2

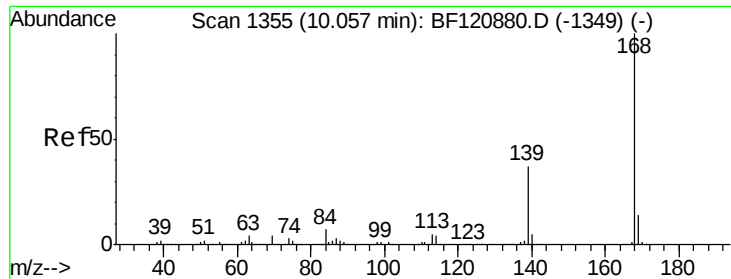


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 22.559 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMS

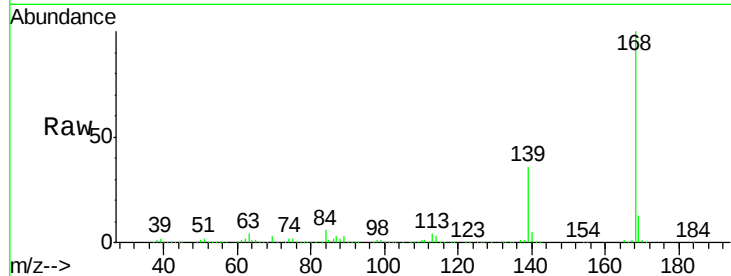
Tot Ion:168 Resp: 1044995

Ion Ratio Lower Upper

168 100

139 35.7 30.1 45.1

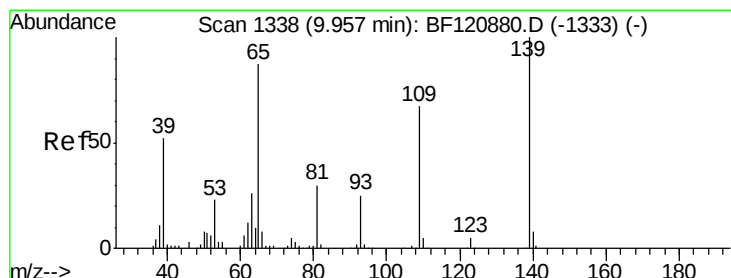
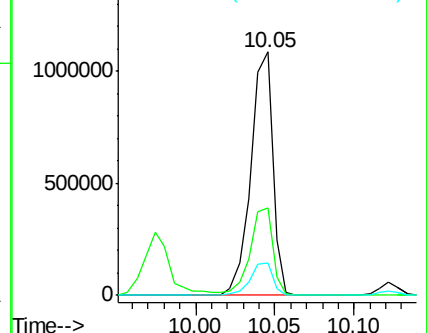
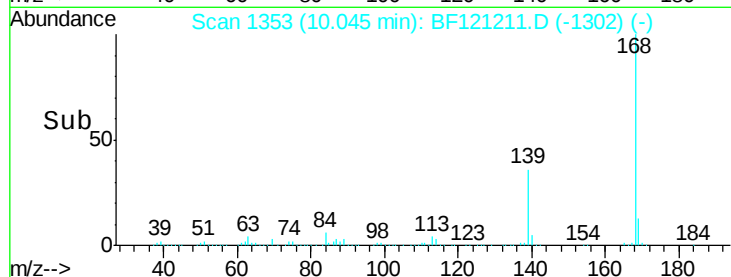
169 13.3 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 42.256 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

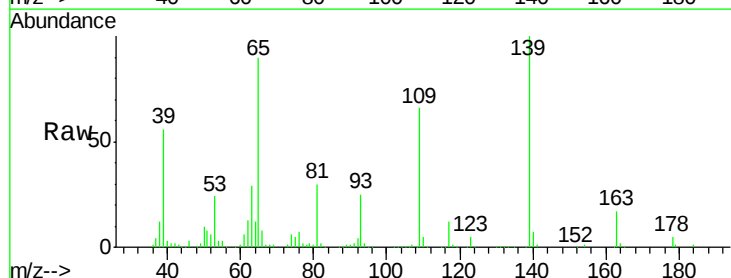
Tgt Ion:139 Resp: 325404

Ion Ratio Lower Upper

139 100

109 66.5 44.8 84.8

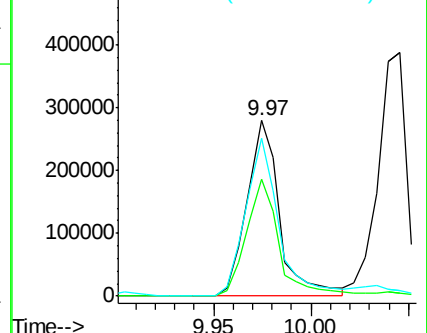
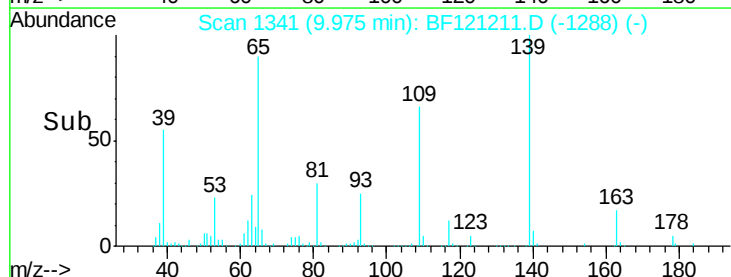
65 90.1 65.6 105.6

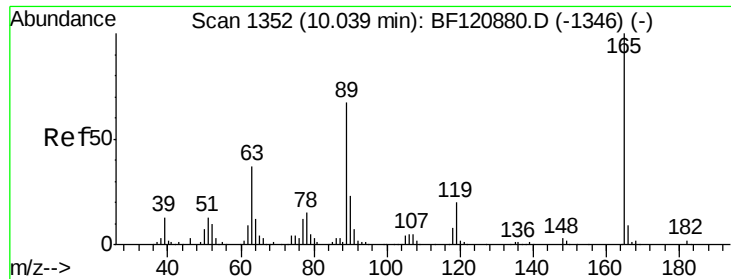


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 24.367 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMS

Tot Ion:165 Resp: 258647

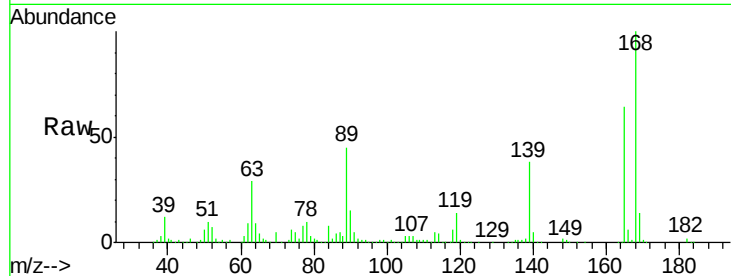
Ion Ratio Lower Upper

165 100

63 46.1 29.8 44.8#

89 70.9 50.3 75.5

182 2.6 2.1 3.1

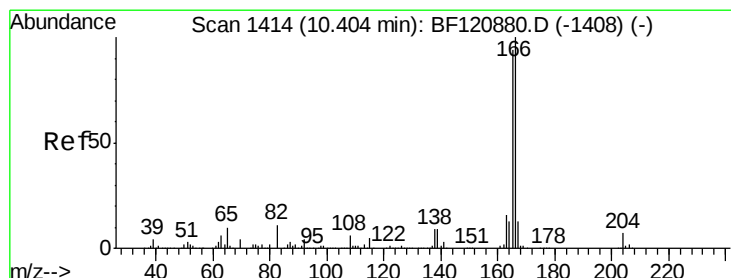
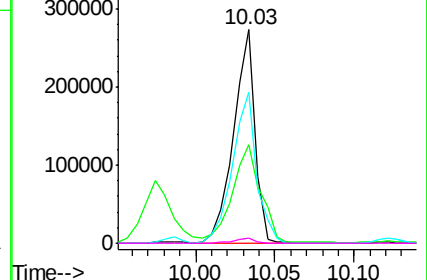
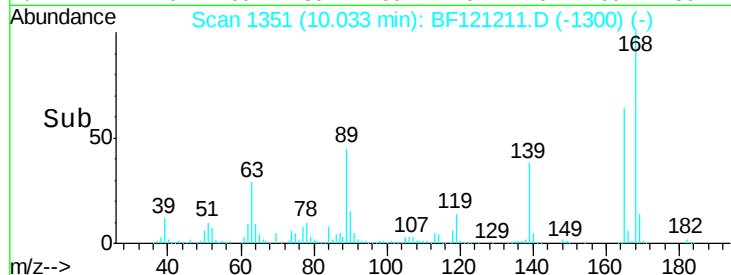


Abundance Ion 165.00 (164.70 to 165.70): E

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: 23.235 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

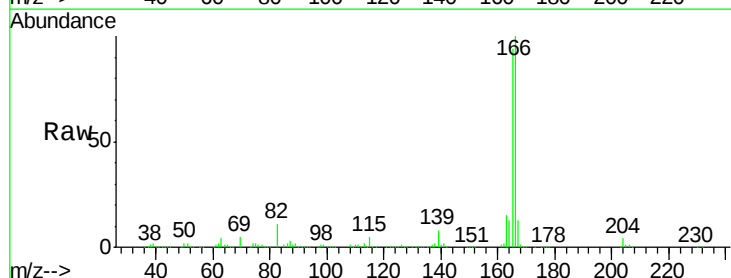
Tgt Ion:166 Resp: 802757

Ion Ratio Lower Upper

166 100

165 93.8 76.4 114.6

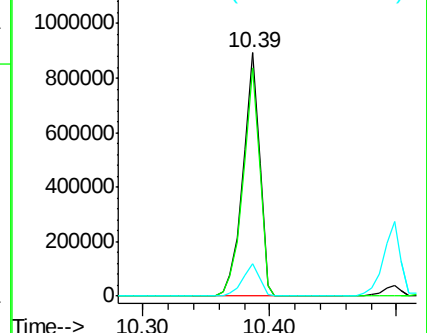
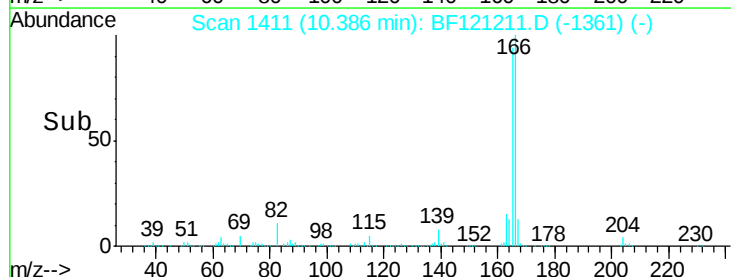
167 13.3 10.7 16.1

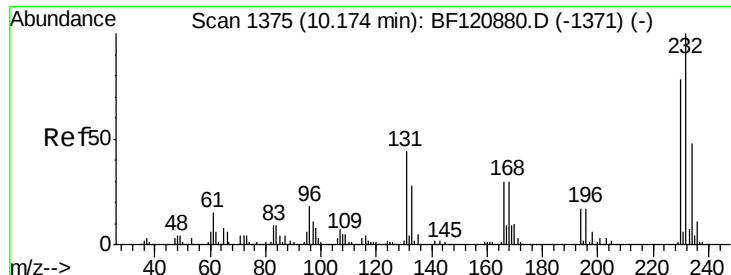


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

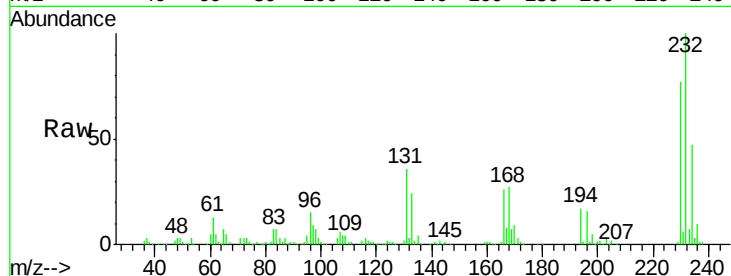




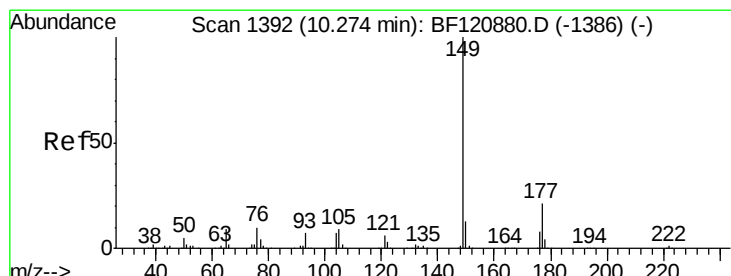
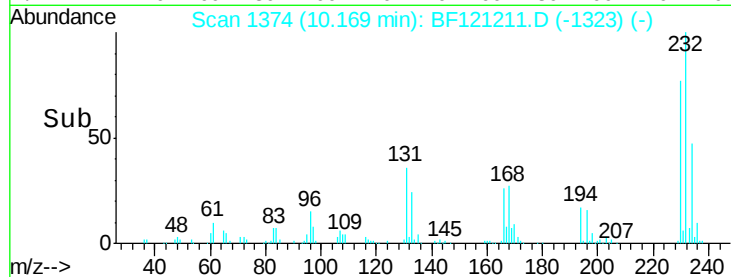
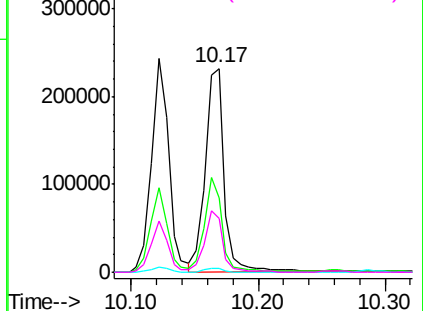
#59
2,3,4,6-Tetrachlorophenol
Concen: 26.101 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF121211.D
Acq: 6 Aug 2020 19:43

Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMS

Tot Ion:232	Resp:	241160
Ion Ratio	Lower	Upper
232	100	
131	42.4	34.2 51.2
130	2.0	1.7 2.5
166	29.0	23.1 34.7

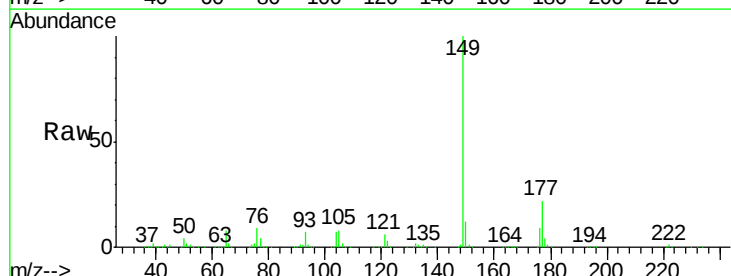


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

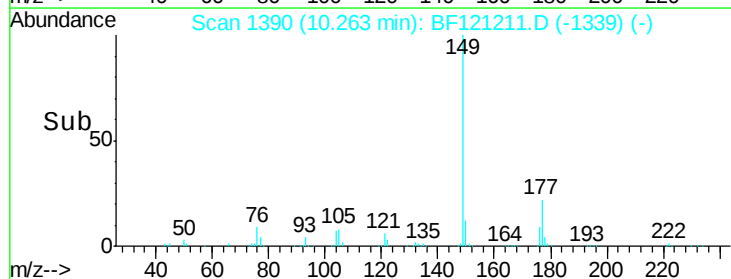
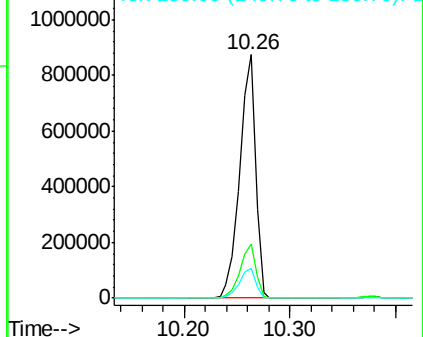


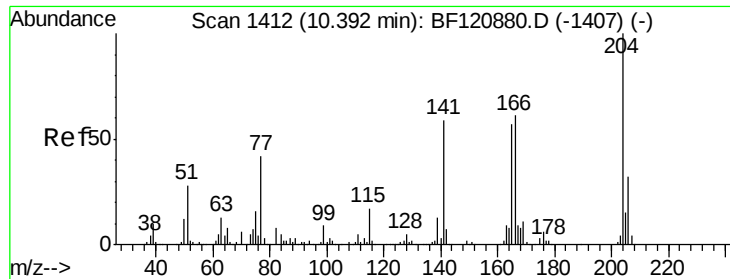
#60
Diethylphthalate
Concen: 23.545 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF121211.D
Acq: 6 Aug 2020 19:43

Tgt Ion:149	Resp:	895999
Ion Ratio	Lower	Upper
149	100	
177	22.3	17.6 26.4
150	12.4	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

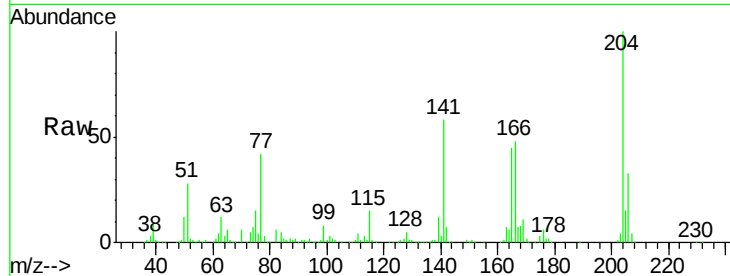




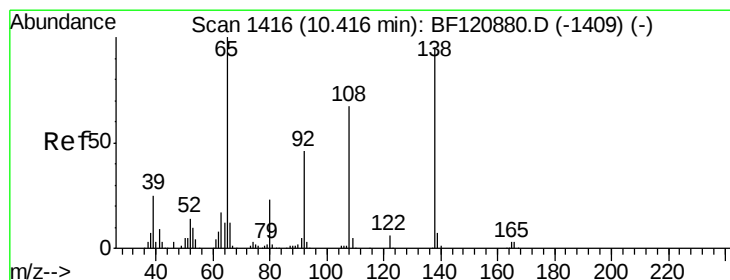
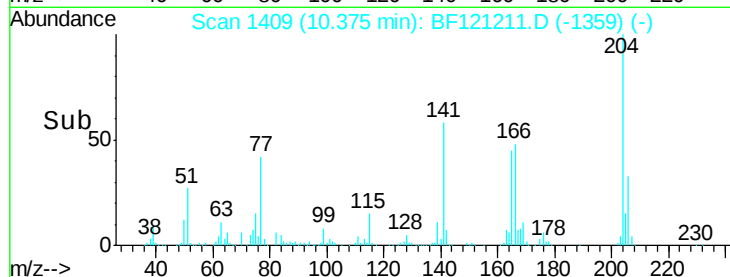
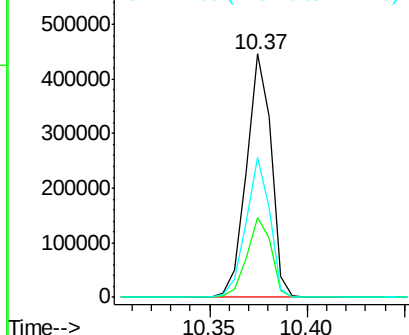
#61
4-Chlorophenyl-phenylether
Concen: 21.151 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF121211.D
Acq: 6 Aug 2020 19:43

Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMS

Tot Ion:204 Resp: 389755
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 57.6 46.9 70.3

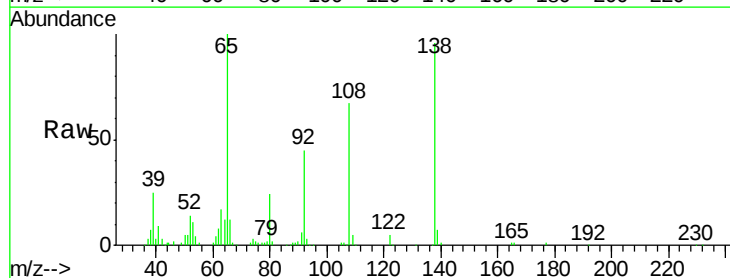


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

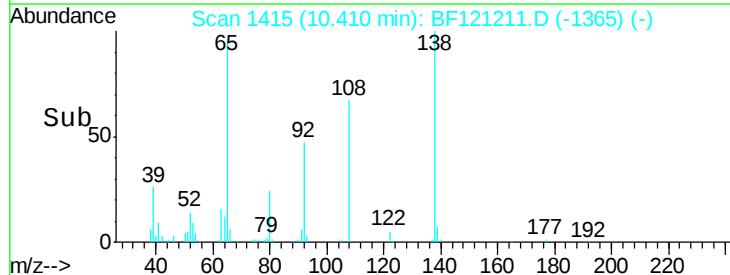
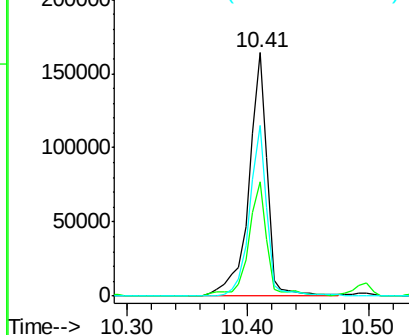


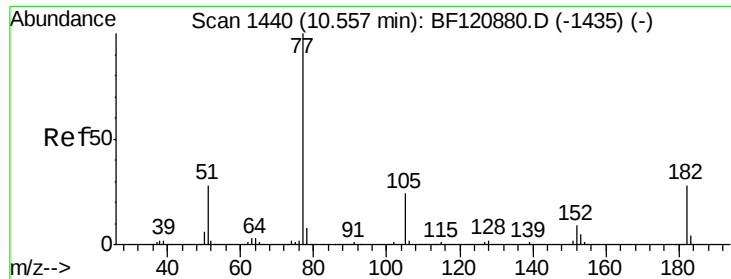
#62
4-Nitroaniline
Concen: 17.687 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121211.D
Acq: 6 Aug 2020 19:43

Tgt Ion:138 Resp: 174660
Ion Ratio Lower Upper
138 100
92 47.1 25.2 65.2
108 70.1 46.7 86.7



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: 22.963 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMS

Tot Ion: 77 Resp: 831910

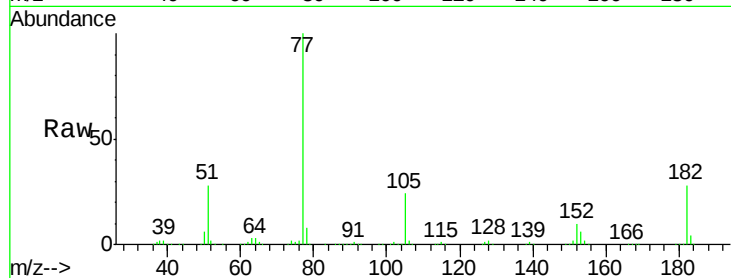
Ion Ratio Lower Upper

77 100

182 28.0 4.5 44.5

105 24.0 3.4 43.4

51 27.9 8.7 48.7

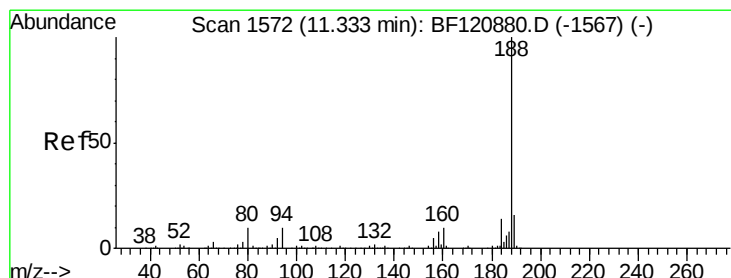
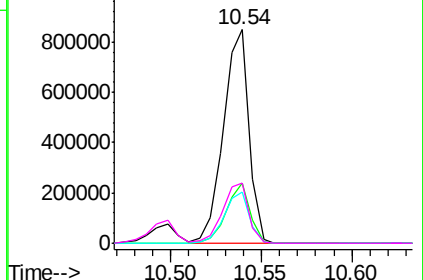
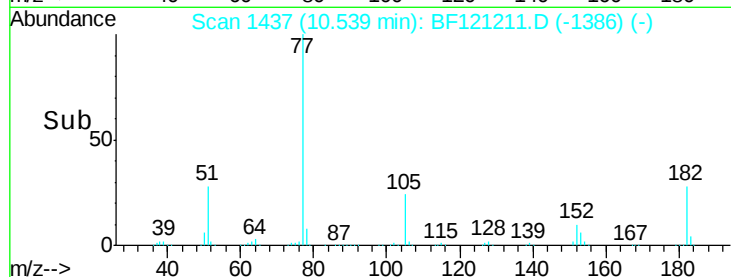


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

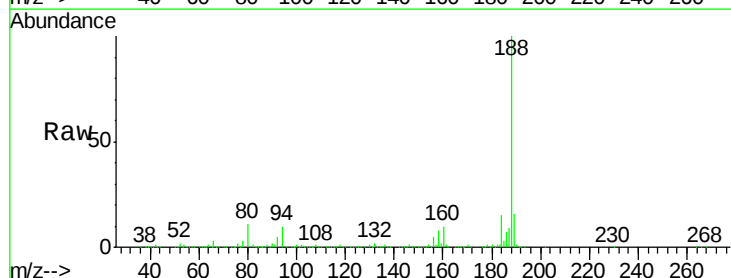
Tgt Ion: 188 Resp: 990074

Ion Ratio Lower Upper

188 100

94 10.2 8.0 12.0

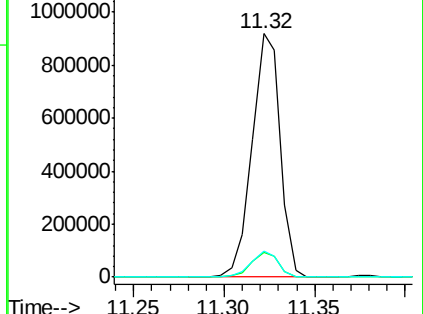
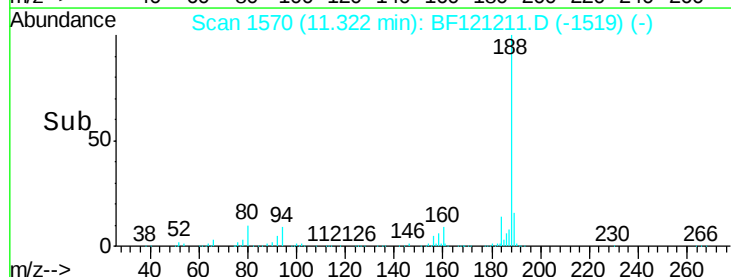
80 10.6 8.3 12.5

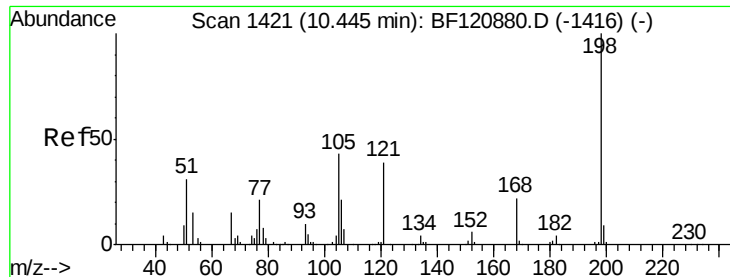


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

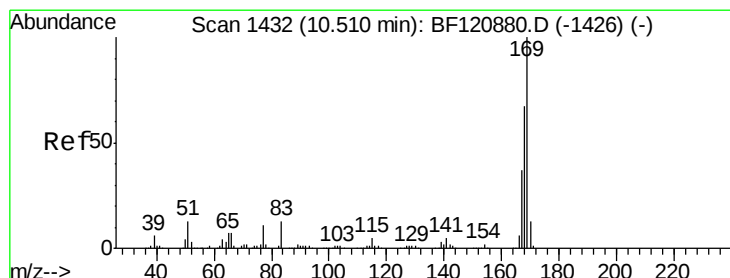
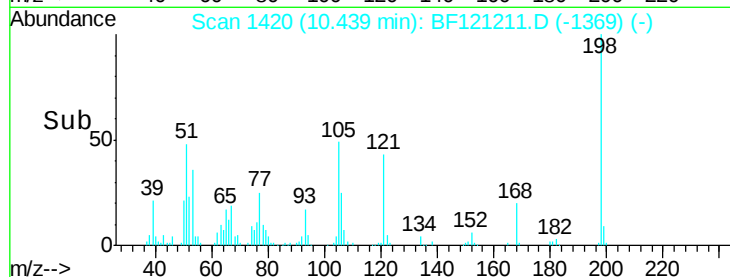
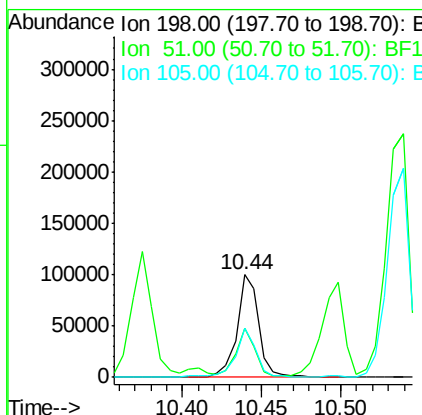
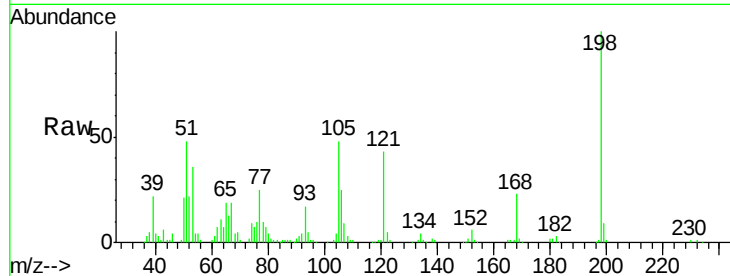




#65
 4,6-Dinitro-2-methylphenol
 Concen: 19.286 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

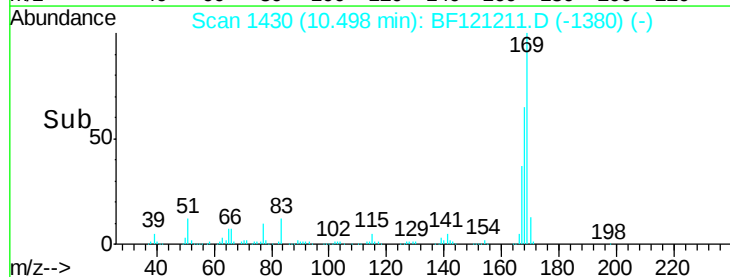
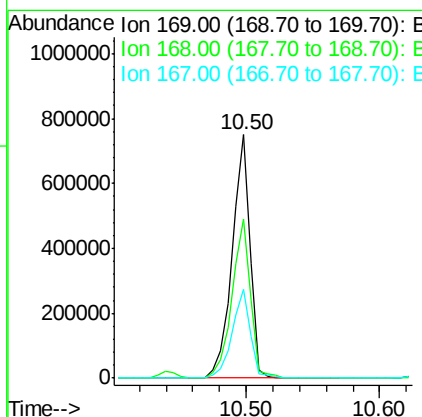
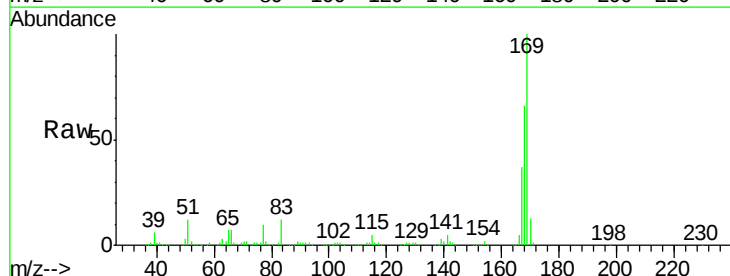
Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IBMS

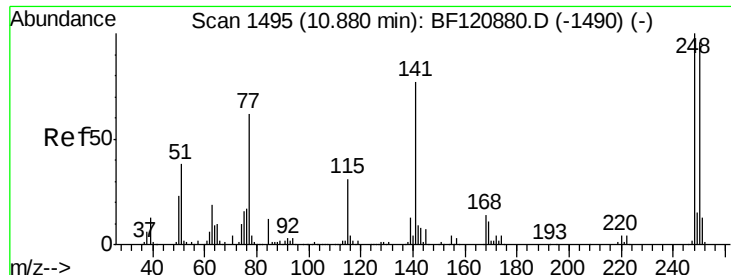
Tot Ion:198 Resp: 96192
 Ion Ratio Lower Upper
 198 100
 51 48.4 23.4 63.4
 105 48.1 23.7 63.7



#66
 n-Nitrosodiphenylamine
 Concen: 22.746 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

Tgt Ion:169 Resp: 708428
 Ion Ratio Lower Upper
 169 100
 168 65.6 53.7 80.5
 167 36.5 30.0 45.0

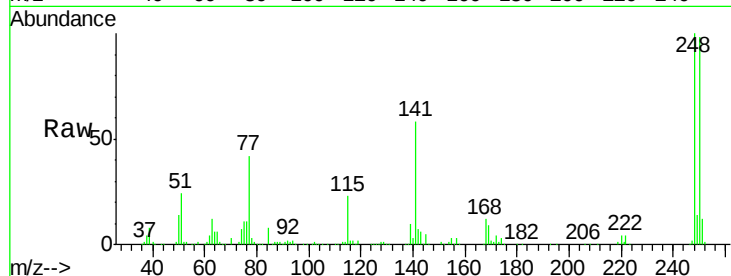




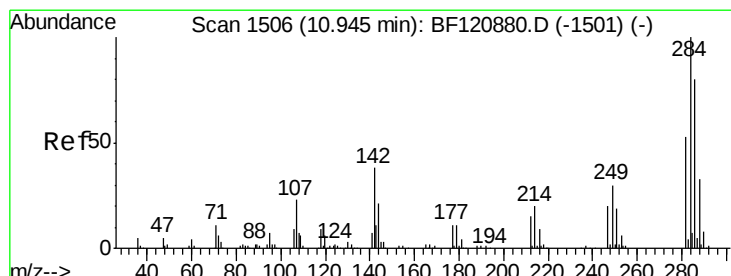
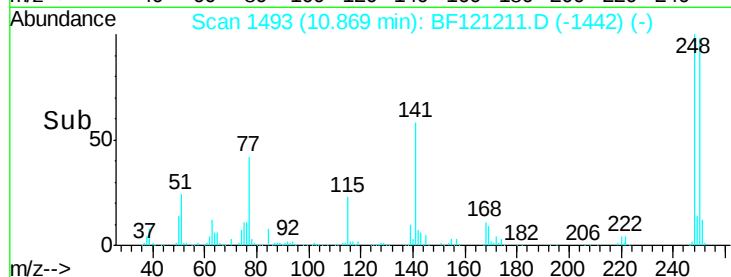
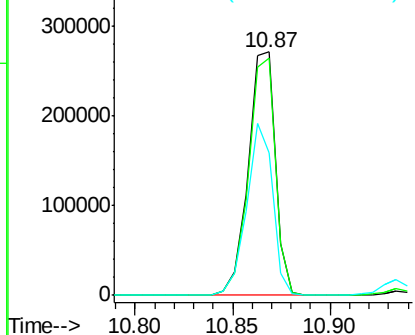
#67
 4-Bromophenyl-phenylether
 Concen: 23.785 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IBMS

Tot Ion:248 Resp: 262550
 Ion Ratio Lower Upper
 248 100
 250 97.7 77.0 115.6
 141 58.3 56.6 85.0

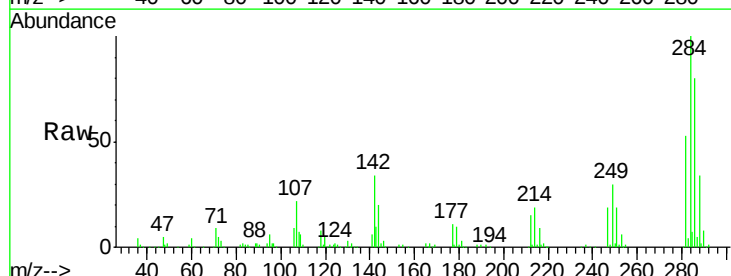


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

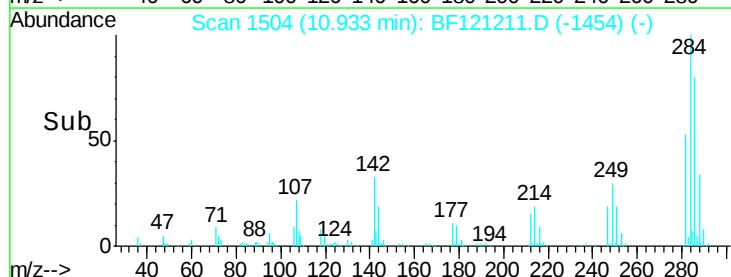
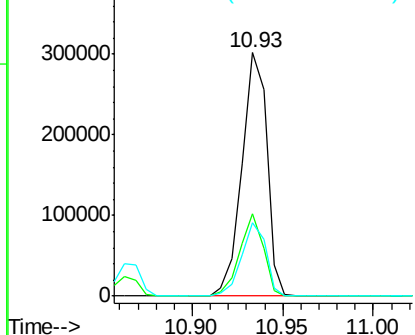


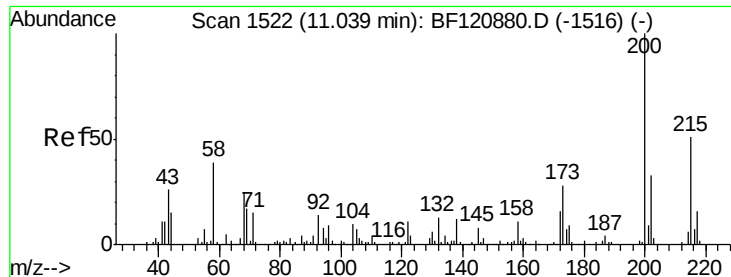
#68
 Hexachlorobenzene
 Concen: 24.332 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

Tgt Ion:284 Resp: 290544
 Ion Ratio Lower Upper
 284 100
 142 33.9 21.1 31.7#
 249 30.0 22.5 33.7



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

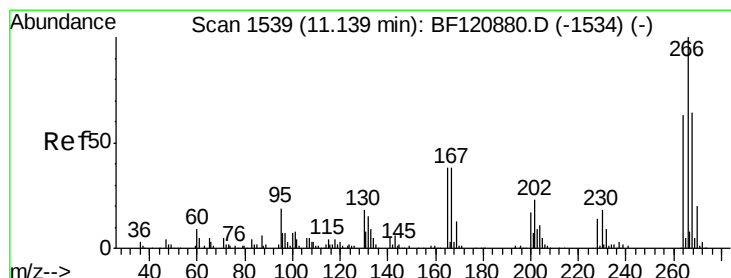
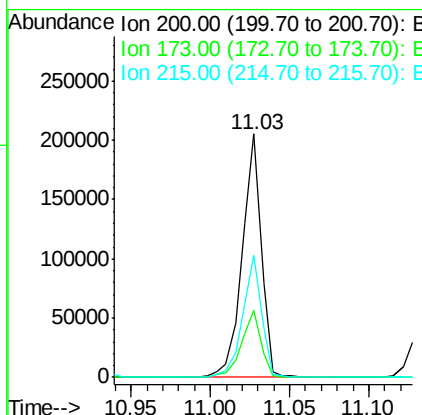
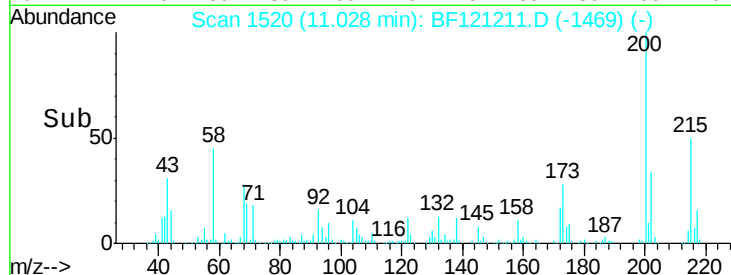
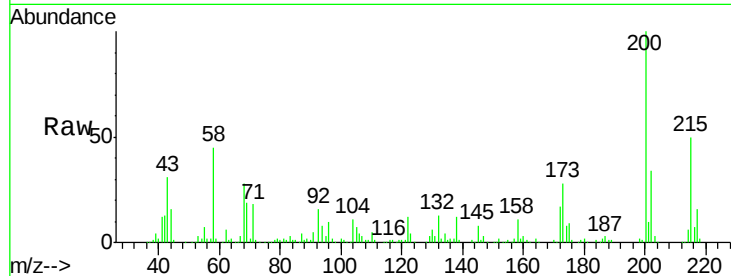




#69
 Atrazine
 Concen: 22.285 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

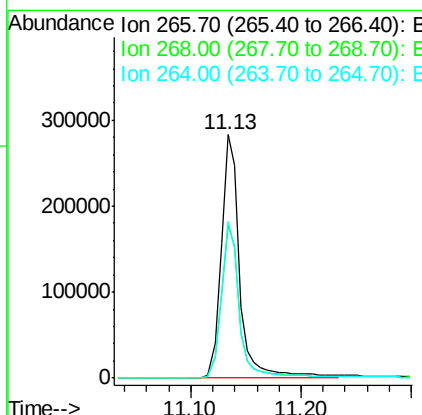
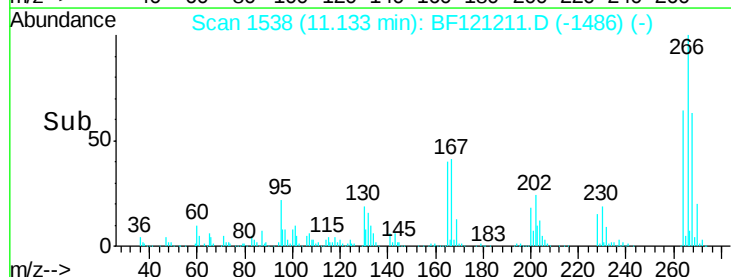
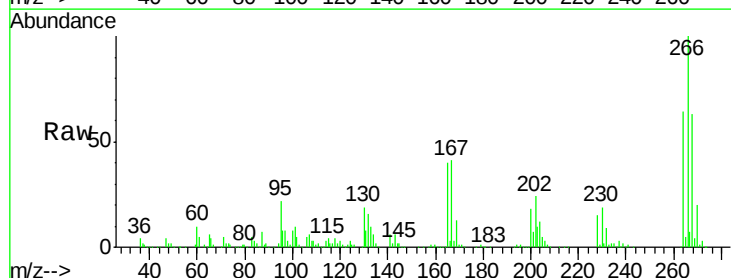
Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IBMS

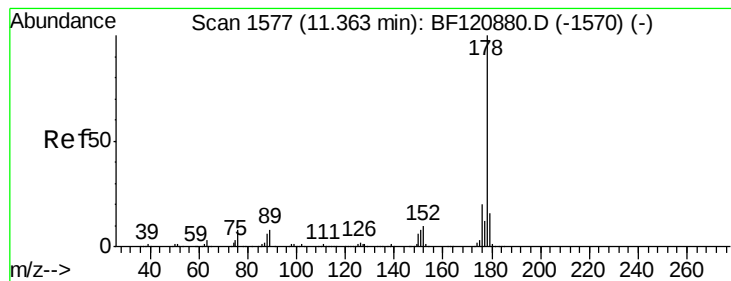
Tot Ion:200 Resp: 171898
 Ion Ratio Lower Upper
 200 100
 173 27.6 7.6 47.6
 215 50.2 28.8 68.8



#70
 Pentachlorophenol
 Concen: 48.697 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

Tgt Ion:266 Resp: 333125
 Ion Ratio Lower Upper
 266 100
 268 62.8 49.7 74.5
 264 64.2 50.4 75.6





#71

Phenanthrene

Concen: 23.191 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMS

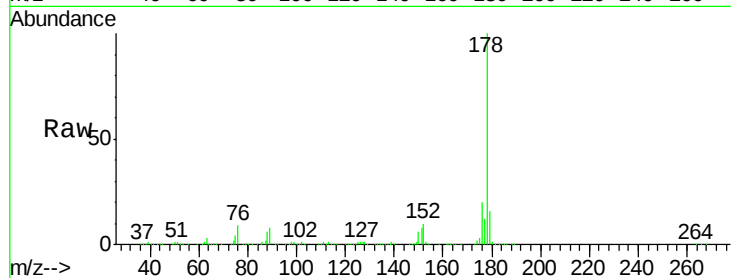
Tot Ion:178 Resp: 1180866

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.2

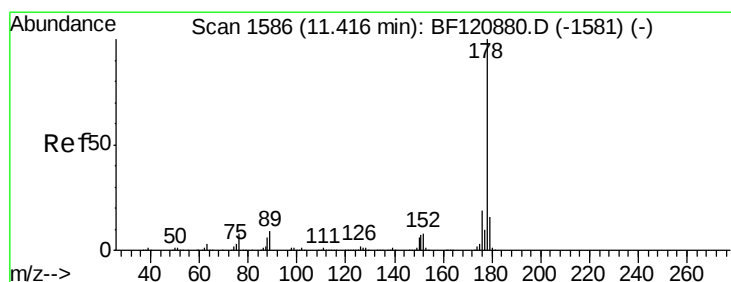
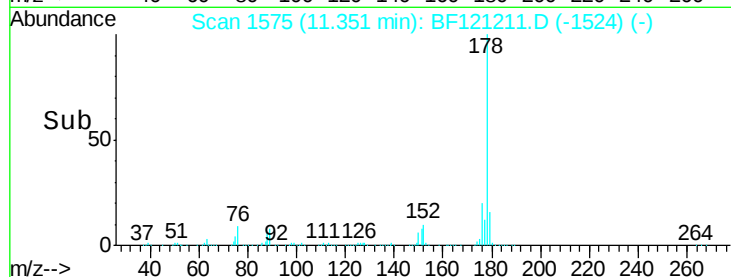
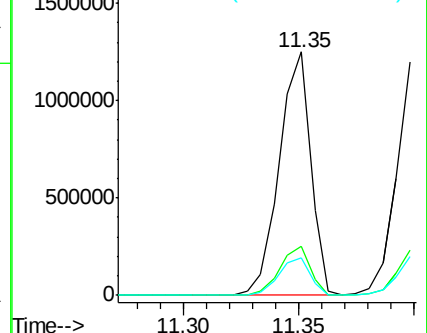
179 15.7 12.6 19.0



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: 24.069 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

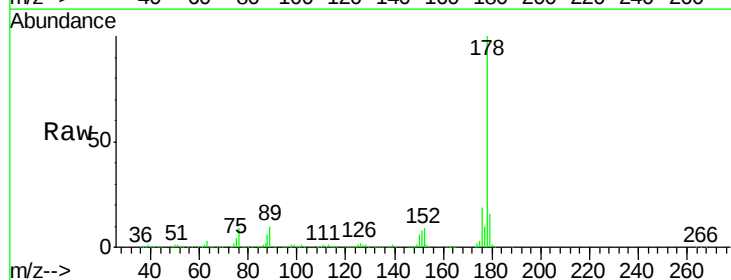
Tgt Ion:178 Resp: 1230687

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

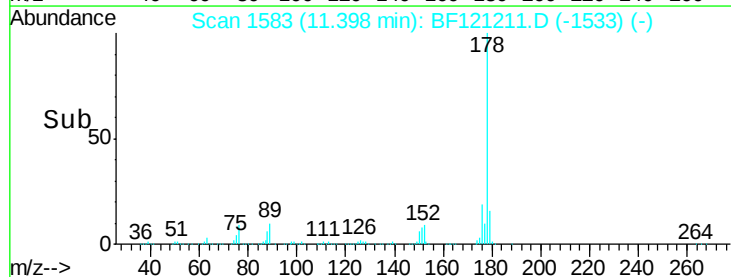
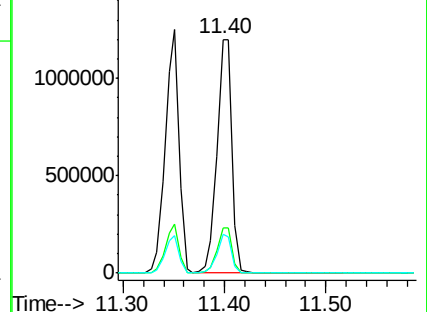
179 16.3 12.6 19.0

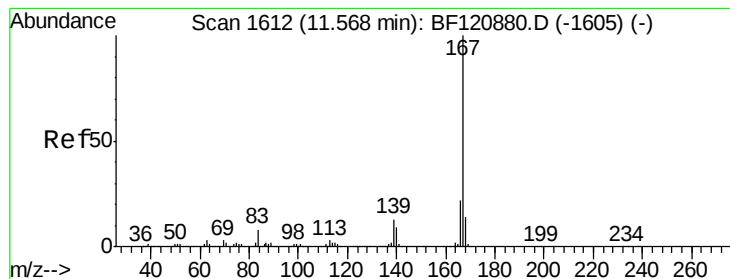


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 22.937 ng

RT: 11.56 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMS

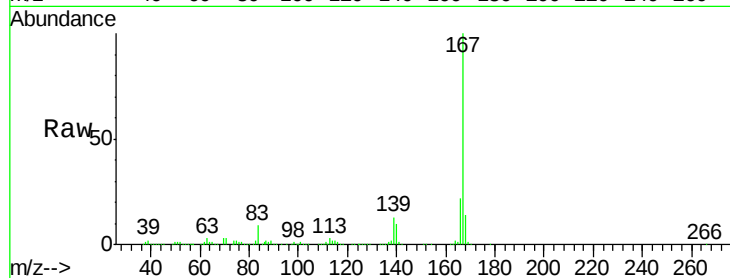
Tot Ion:167 Resp: 1163872

Ion Ratio Lower Upper

167 100

166 22.2 17.5 26.3

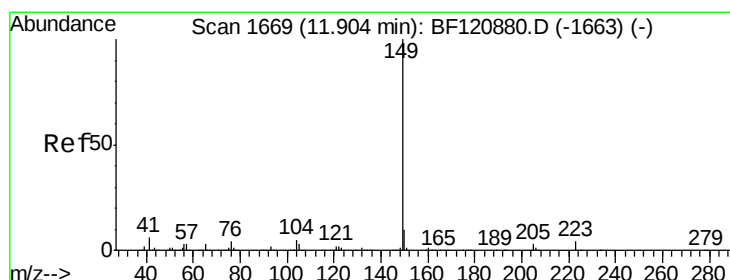
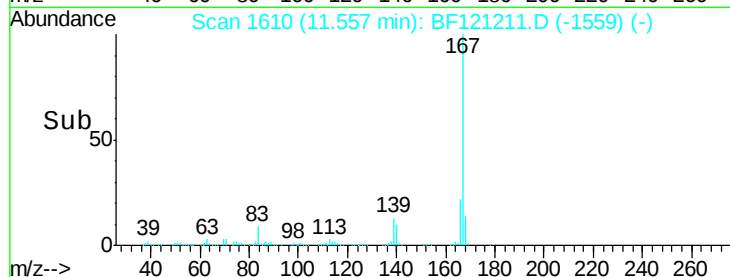
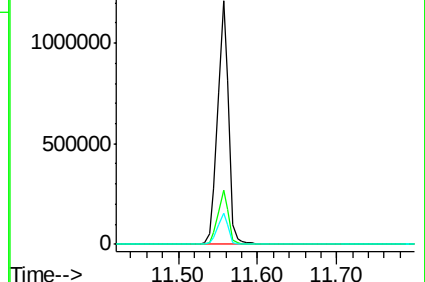
139 12.9 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 23.693 ng

RT: 11.89 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

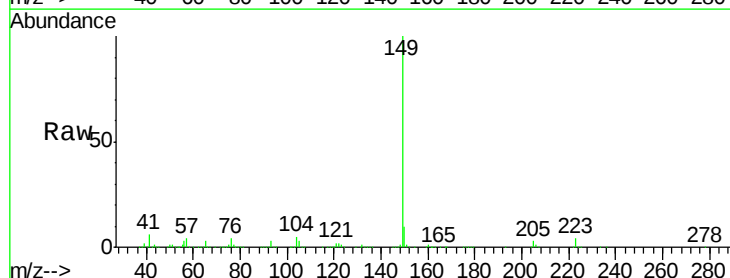
Tgt Ion:149 Resp: 1387412

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.8

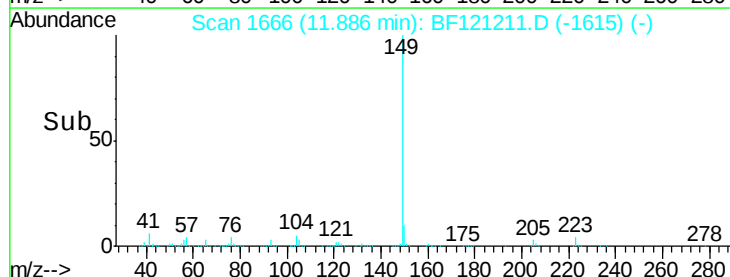
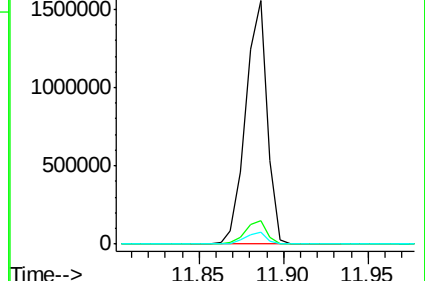
104 4.8 3.9 5.9

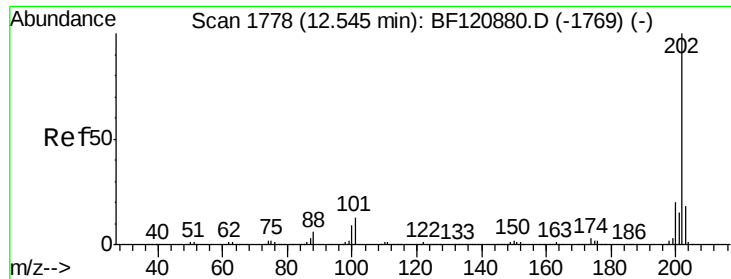


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

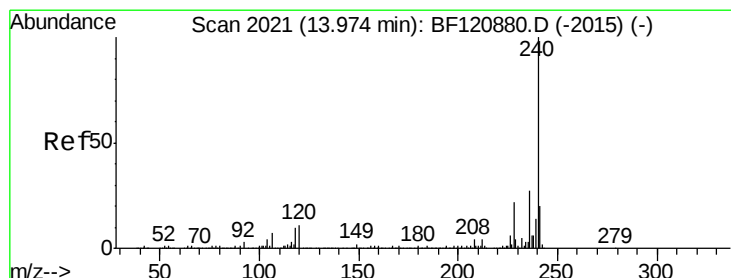
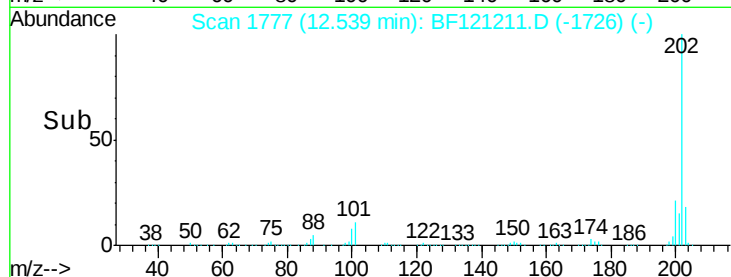
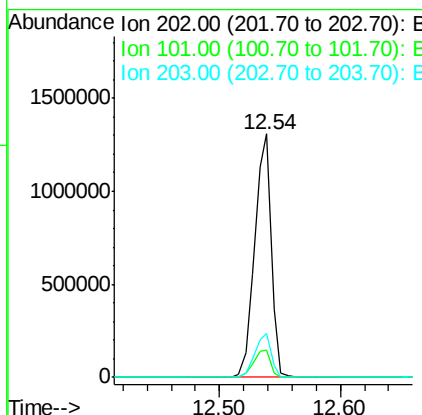
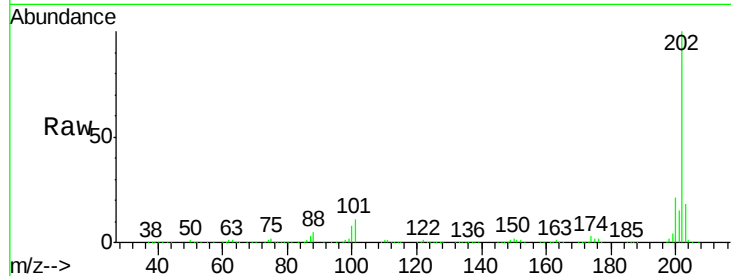




#75
 Fluoranthene
 Concen: 22.216 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

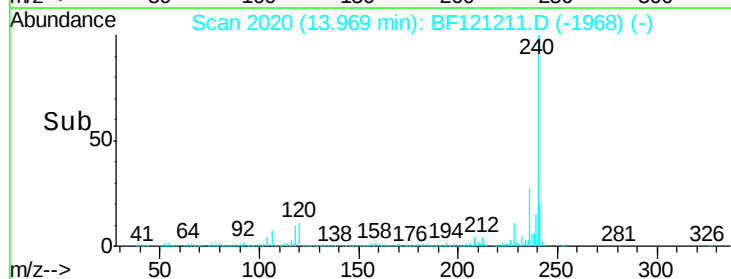
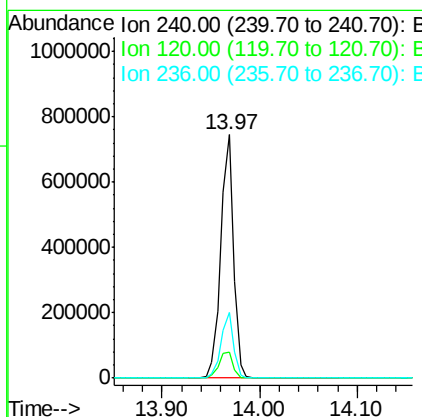
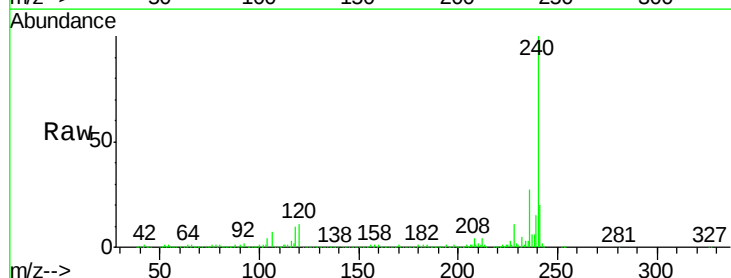
Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IBMS

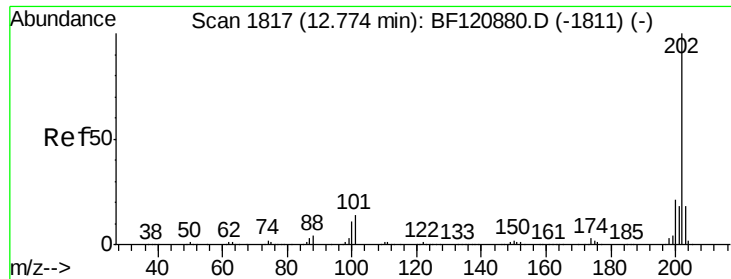
Tot Ion:202 Resp: 1253867
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 30.5
 203 17.8 0.0 37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

Tgt Ion:240 Resp: 680945
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.3 13.9
 236 26.9 21.1 31.7

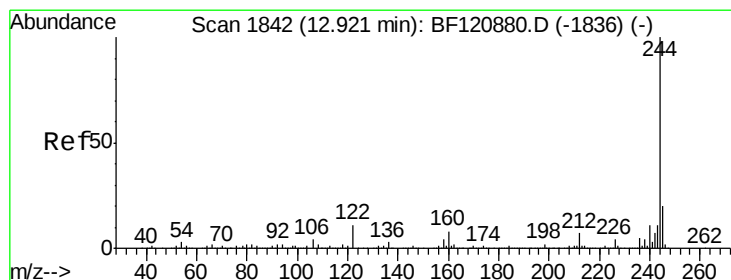
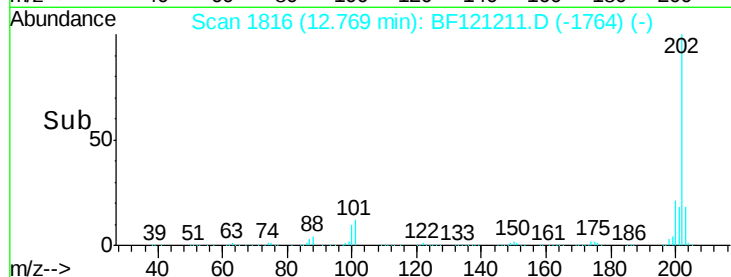
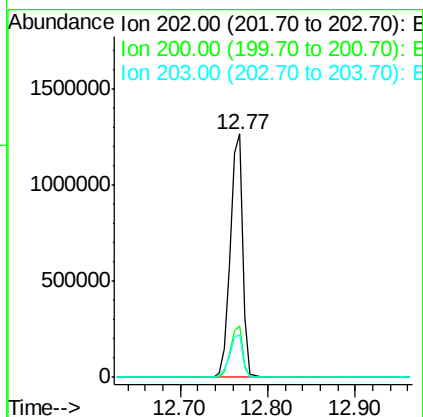
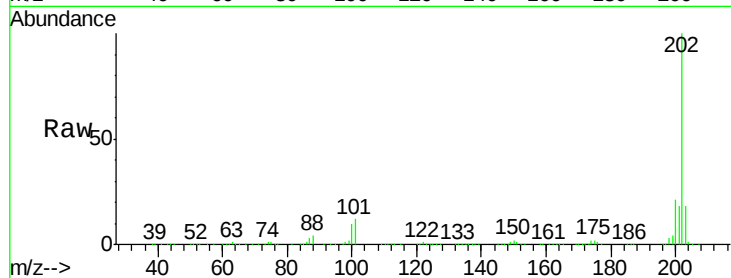




#78
Pvrene
Concen: 26.031 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF121211.D
Acq: 6 Aug 2020 19:43

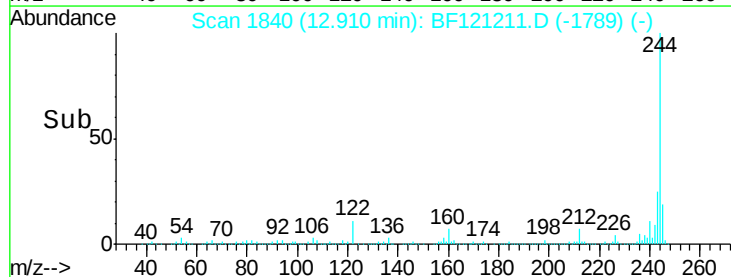
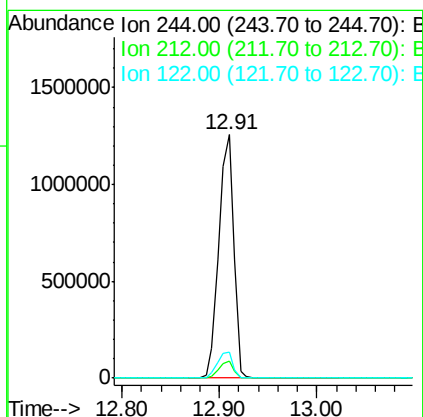
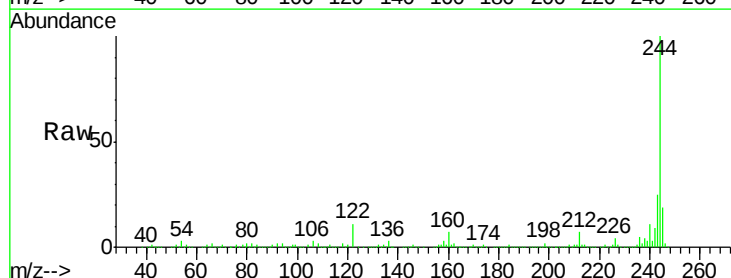
Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMS

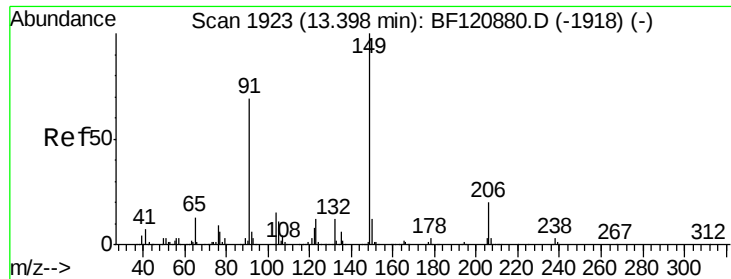
Tot Ion:202 Resp: 1253232
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 17.7 14.6 21.8



#79
Terphenyl-d14
Concen: 42.965 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BF121211.D
Acq: 6 Aug 2020 19:43

Tgt Ion:244 Resp: 1345900
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.6 8.3 12.5

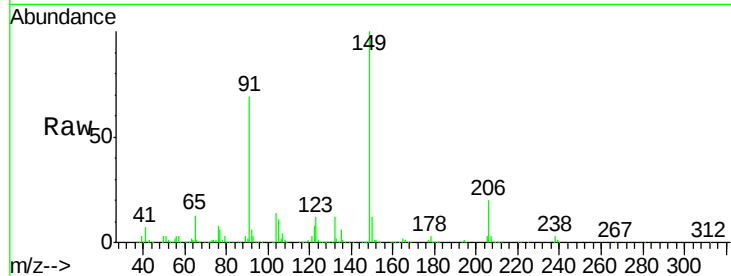




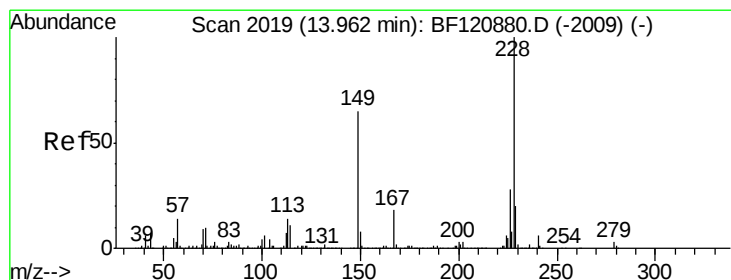
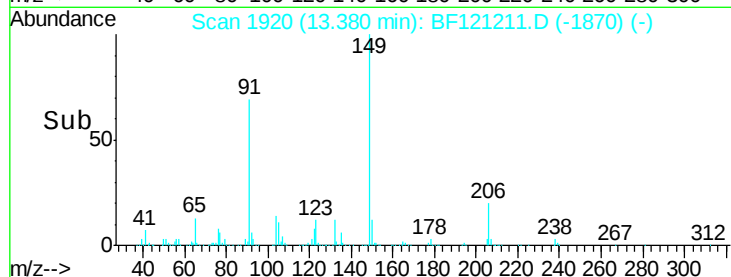
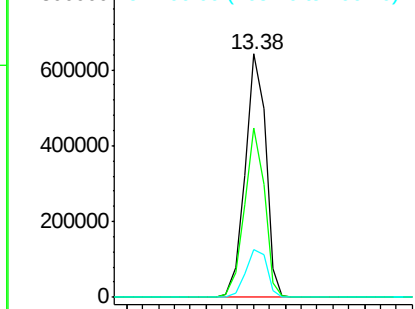
#80
Butylbenzylphthalate
Concen: 26.836 ng
RT: 13.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BF121211.D
Acq: 6 Aug 2020 19:43

Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMS

Tot Ion:149 Resp: 575944
Ion Ratio Lower Upper
149 100
91 69.4 51.4 77.0
206 19.7 17.9 26.9

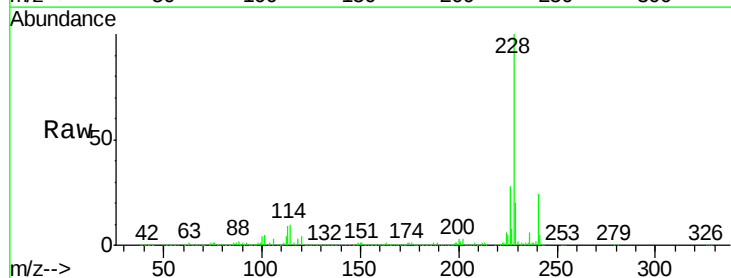


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

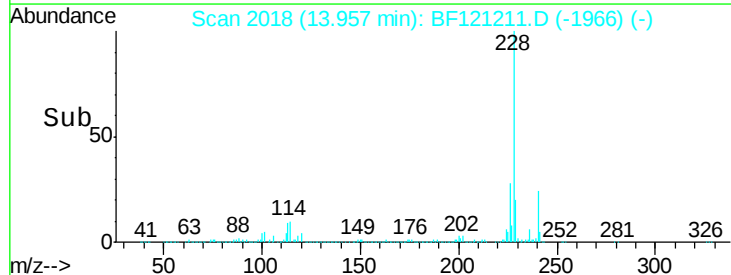
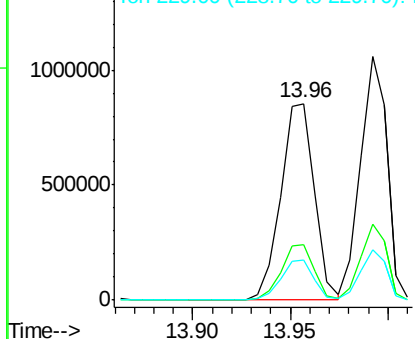


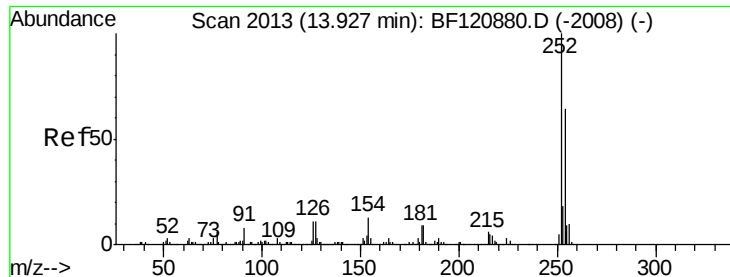
#81
Benzo(a)anthracene
Concen: 24.703 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF121211.D
Acq: 6 Aug 2020 19:43

Tgt Ion:228 Resp: 1018612
Ion Ratio Lower Upper
228 100
226 27.9 22.6 34.0
229 20.1 16.1 24.1



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

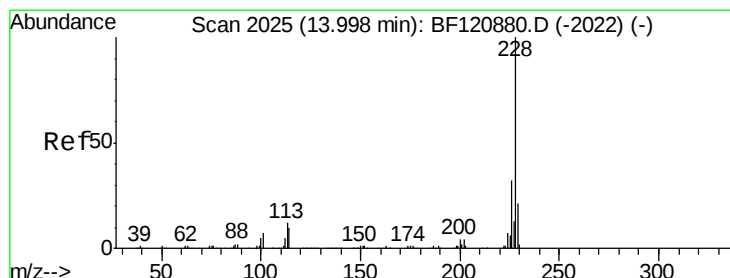
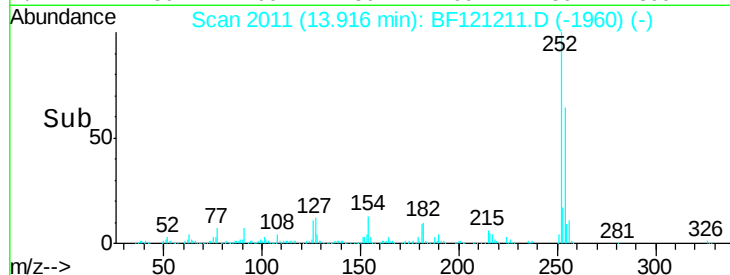
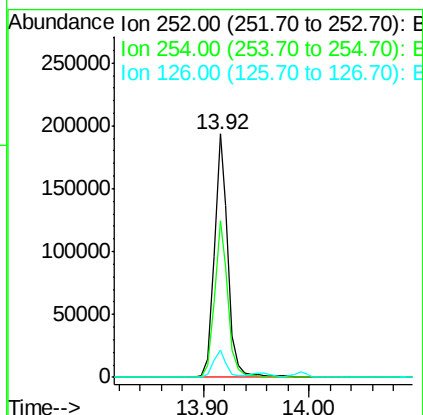
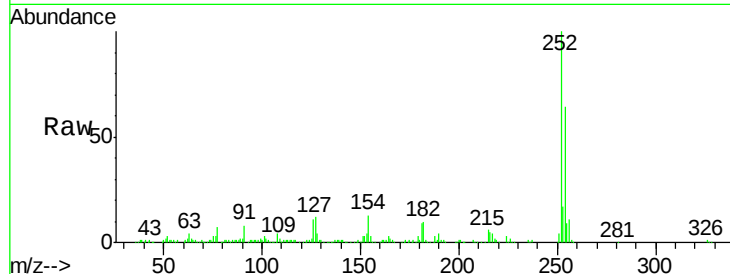




#82
 3,3'-Dichlorobenzidine
 Concen: 11.401 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

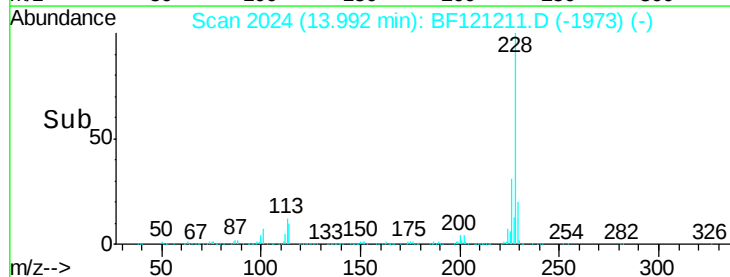
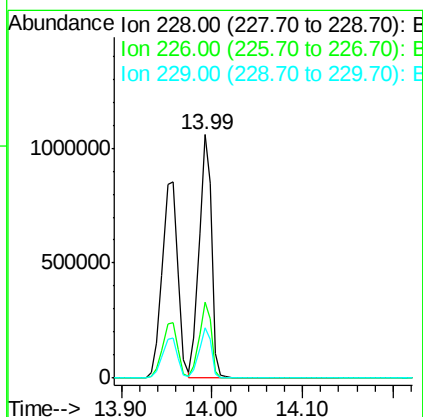
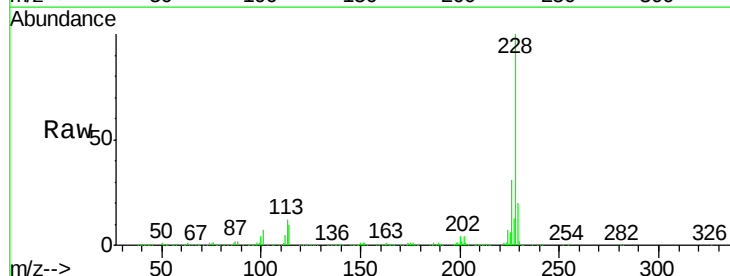
Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IBMS

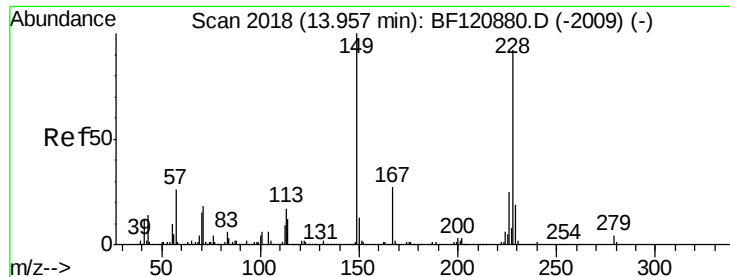
Tot Ion:252 Resp: 177365
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.3 76.9
 126 11.2 9.2 13.8



#83
 Chrysene
 Concen: 23.270 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

Tgt Ion:228 Resp: 1008367
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.0
 229 20.4 16.2 24.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 28.398 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMS

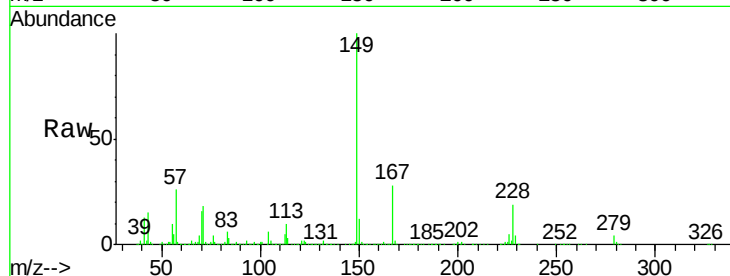
Tot Ion:149 Resp: 751544

Ion Ratio Lower Upper

149 100

167 28.0 21.8 32.6

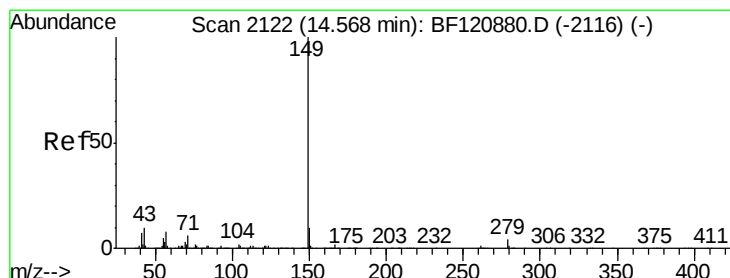
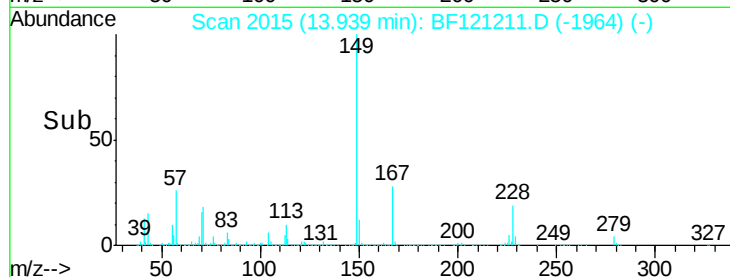
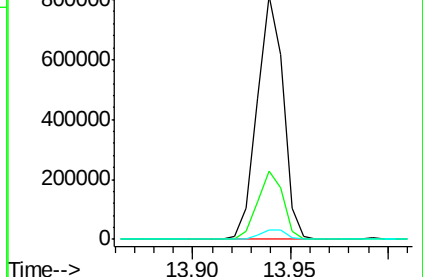
279 3.9 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 23.622 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

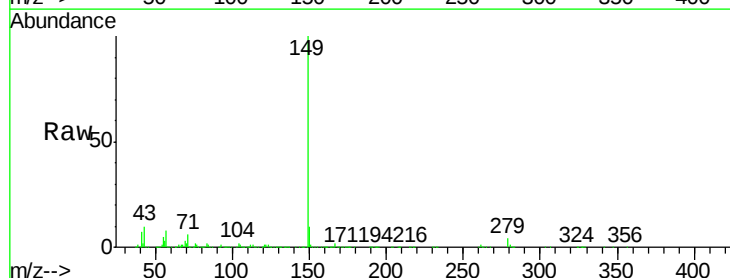
Tgt Ion:149 Resp: 1243749

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

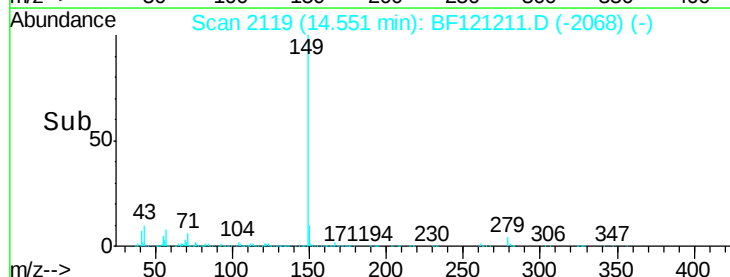
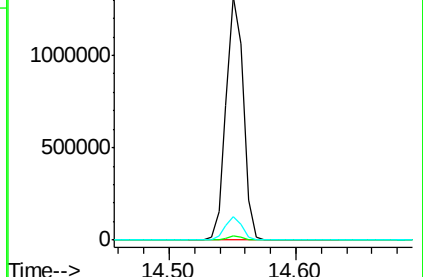
43 9.1 7.5 11.3

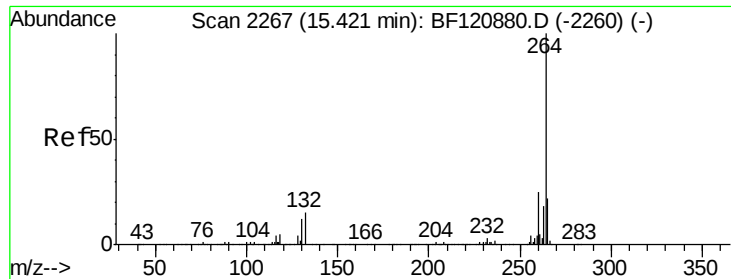


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



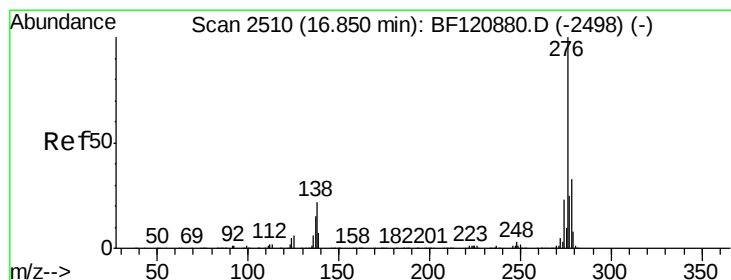
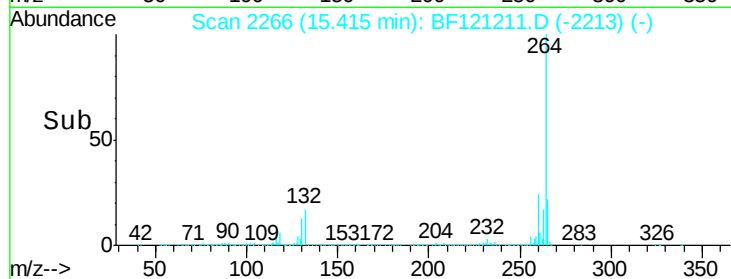
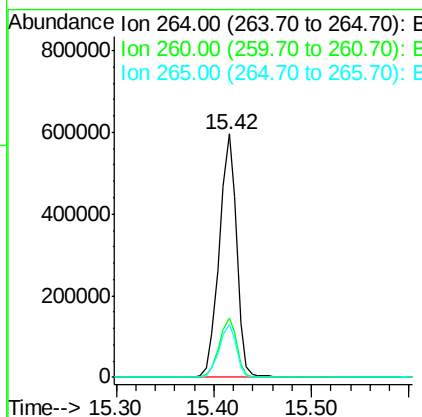
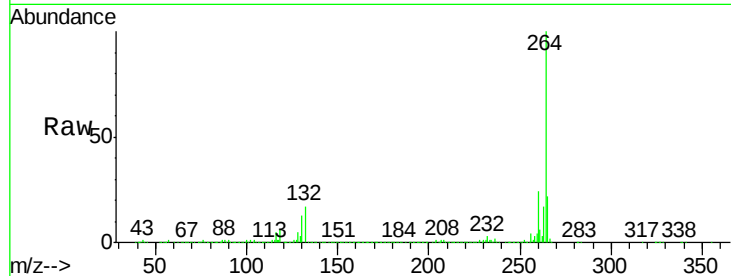


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121211.D
Acq: 6 Aug 2020 19:43

Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMS

Tot Ion:264 Resp: 736592

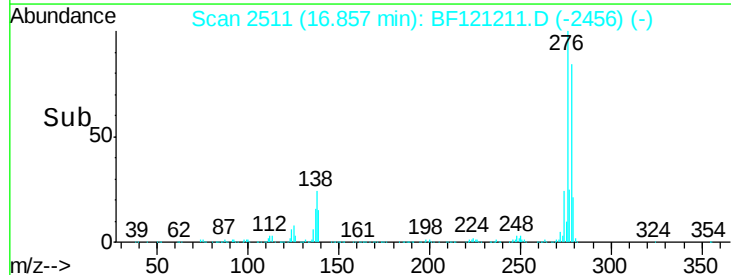
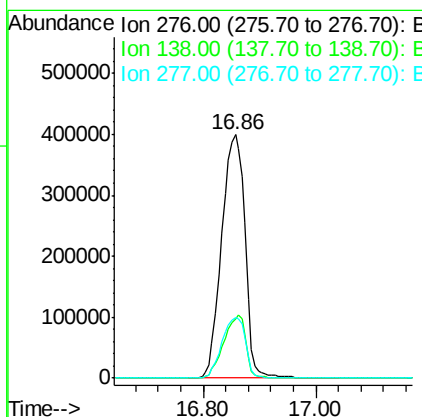
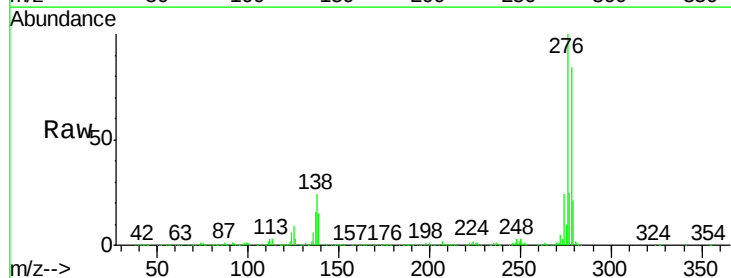
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.9	29.9
265	21.7	17.8	26.8

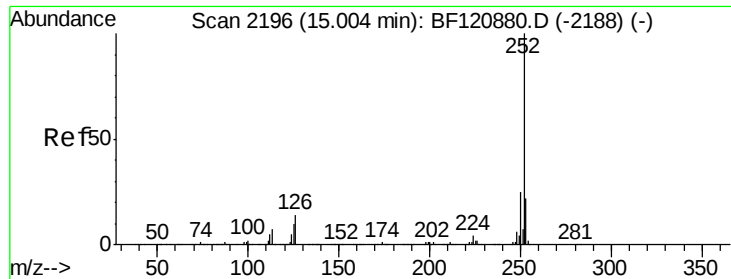


#87
Indeno(1,2,3-cd)pyrene
Concen: 22.600 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.02 min
Lab File: BF121211.D
Acq: 6 Aug 2020 19:43

Tgt Ion:276 Resp: 1157740

Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.3	28.9
277	25.3	20.1	30.1





#88

Benzo(b)fluoranthene

Concen: 24.292 ng

RT: 15.00 min Scan# 2195

Delta R.T. 0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMS

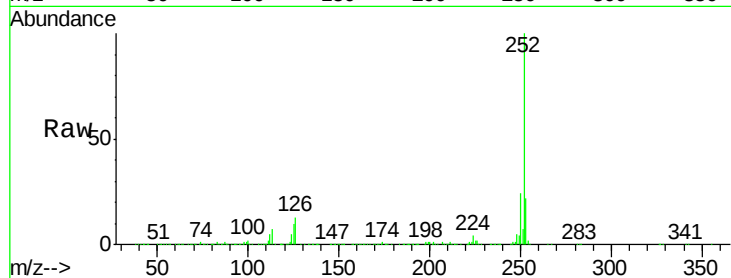
Tot Ion:252 Resp: 1081587

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

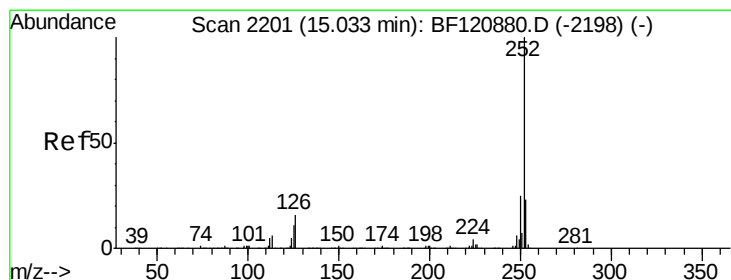
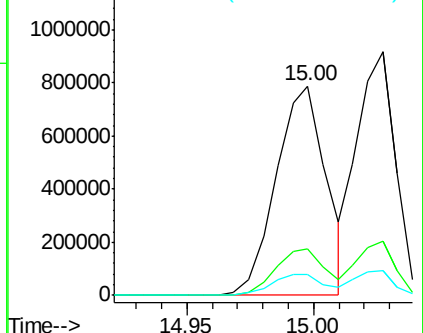
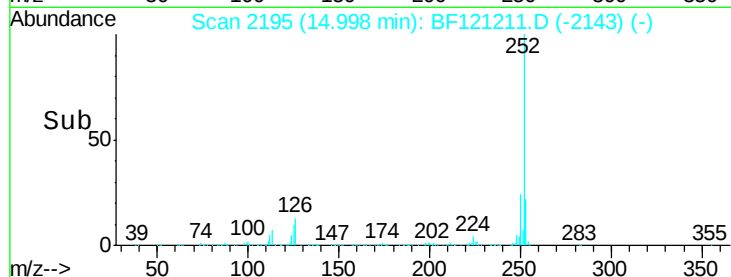
125 10.0 8.1 12.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 24.167 ng

RT: 15.03 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

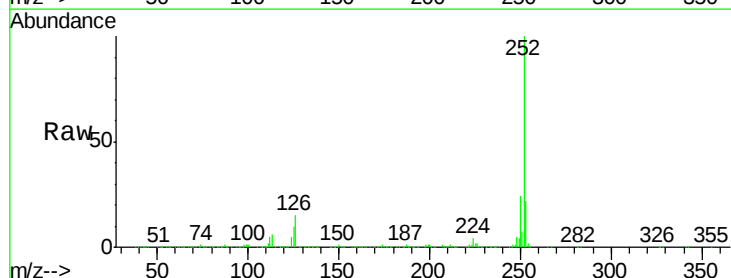
Tgt Ion:252 Resp: 981327

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

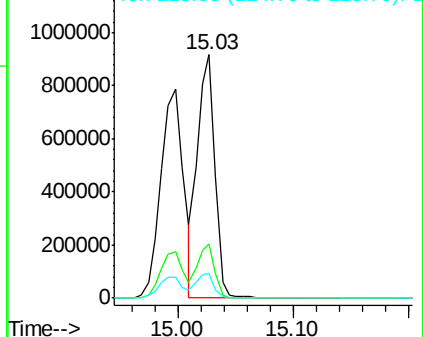
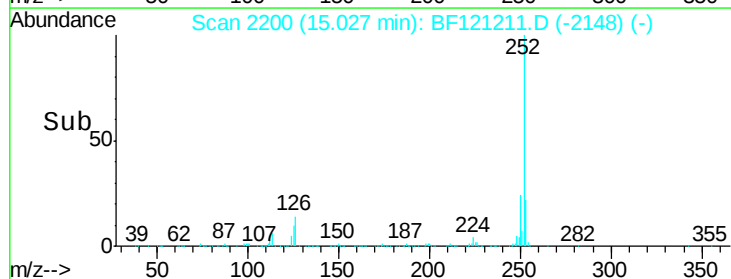
125 9.9 8.0 12.0

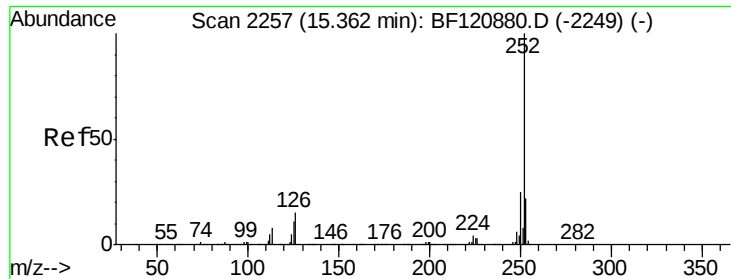


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 23.719 ng

RT: 15.36 min Scan# 2256

Delta R.T. 0.01 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMS

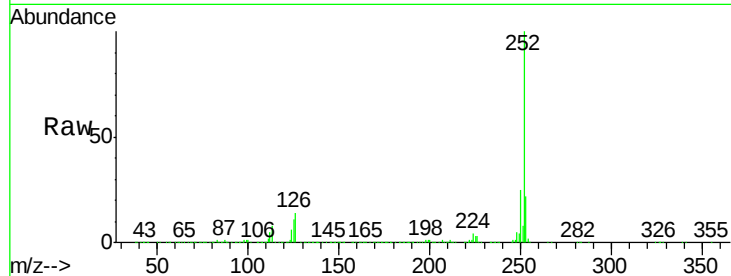
Tot Ion:252 Resp: 963525

Ion Ratio Lower Upper

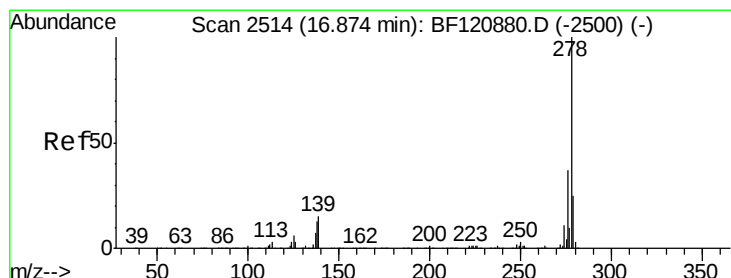
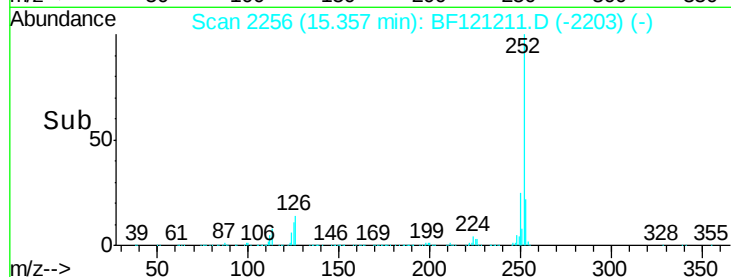
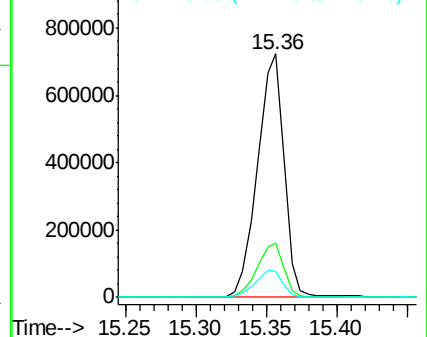
252 100

253 22.3 18.0 27.0

125 10.9 9.5 14.3



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



#91

Dibenzo(a,h)anthracene

Concen: 23.207 ng

RT: 16.87 min Scan# 2513

Delta R.T. 0.02 min

Lab File: BF121211.D

Acq: 6 Aug 2020 19:43

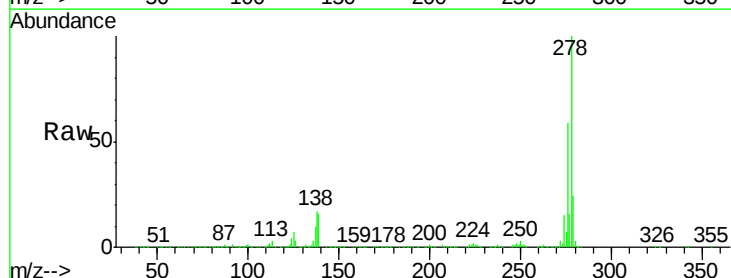
Tgt Ion:278 Resp: 971118

Ion Ratio Lower Upper

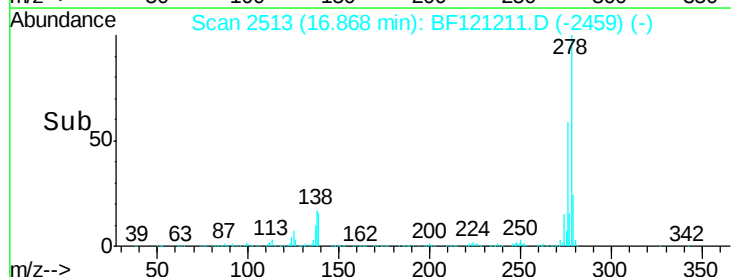
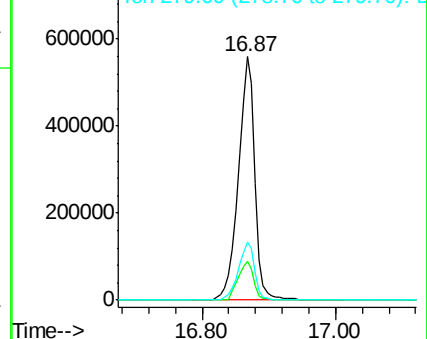
278 100

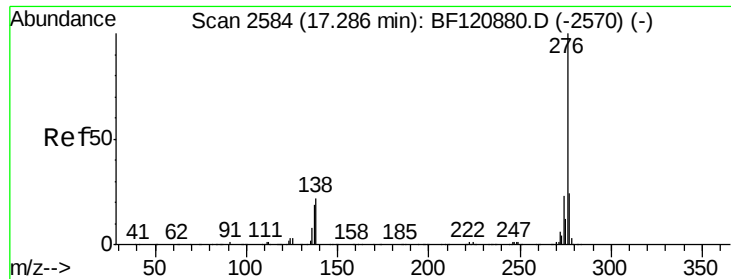
139 16.2 12.6 18.8

279 24.0 19.5 29.3



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(a,h,i)perylene
 Concen: 22.670 ng
 RT: 17.29 min Scan# 2584
 Delta R.T. 0.02 min
 Lab File: BF121211.D
 Acq: 6 Aug 2020 19:43

Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IBMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	22.1	17.2	25.8

