

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
 Data File : BF138022.D
 Acq On : 23 May 2024 12:21
 Operator : CG\JU
 Sample : PB161075BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161075BS

Quant Time: May 23 12:49:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	164432	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	654986	20.000	ng	0.00
39) Acenaphthene-d10	10.087	164	374304	20.000	ng	0.00
64) Phenanthrene-d10	11.581	188	639931	20.000	ng	0.00
76) Chrysene-d12	14.233	240	366851	20.000	ng	0.00
86) Perylene-d12	15.792	264	315768	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1116315	115.320	ng	0.01
7) Phenol-d6	6.657	99	1383294	116.005	ng	0.00
23) Nitrobenzene-d5	7.598	82	850939	76.457	ng	-0.01
42) 2,4,6-Tribromophenol	10.881	330	494258	130.960	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1828348	75.243	ng	0.00
79) Terphenyl-d14	13.169	244	2036257	81.805	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.040	88	131078	31.257	ng	99
3) Pyridine	3.787	79	322279	34.251	ng	99
4) n-Nitrosodimethylamine	3.752	42	170636	41.107	ng	97
6) Aniline	6.699	93	335172m	31.425	ng	
8) 2-Chlorophenol	6.822	128	455432	43.474	ng	98
9) Benzaldehyde	6.593	77	375118	58.145	ng	99
10) Phenol	6.669	94	510547	42.418	ng	99
11) bis(2-Chloroethyl)ether	6.769	93	395914	42.841	ng	97
12) 1,3-Dichlorobenzene	6.975	146	473509	39.066	ng	98
13) 1,4-Dichlorobenzene	7.051	146	480490	39.494	ng	98
14) 1,2-Dichlorobenzene	7.204	146	462336	40.377	ng	99
15) Benzyl Alcohol	7.175	79	368015	46.218	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.298	45	486806	42.853	ng	99
17) 2-Methylphenol	7.275	107	358926	42.962	ng	99
18) Hexachloroethane	7.545	117	166456	40.432	ng	97
19) n-Nitroso-di-n-propyla...	7.446	70	289957	43.281	ng	98
20) 3+4-Methylphenols	7.428	107	454690	41.544	ng	94
22) Acetophenone	7.446	105	598615	40.798	ng	# 99
24) Nitrobenzene	7.622	77	442814	39.220	ng	98
25) Isophorone	7.851	82	808144	41.838	ng	100
26) 2-Nitrophenol	7.934	139	249657	44.006	ng	99
27) 2,4-Dimethylphenol	7.957	122	330575	45.259	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	489893	41.846	ng	99
29) 2,4-Dichlorophenol	8.169	162	397170	43.242	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	404746	39.468	ng	100
31) Naphthalene	8.345	128	1311234	39.815	ng	100
32) Benzoic acid	8.087	122	297176	48.131	ng	98
33) 4-Chloroaniline	8.381	127	209335	19.390	ng	98
34) Hexachlorobutadiene	8.451	225	251243	38.706	ng	99
35) Caprolactam	8.769	113	127263m	47.825	ng	
36) 4-Chloro-3-methylphenol	8.863	107	407982	43.665	ng	98
37) 2-Methylnaphthalene	9.034	142	873046	41.241	ng	98
38) 1-Methylnaphthalene	9.134	142	810776	38.958	ng	99
40) 1,2,4,5-Tetrachloroben...	9.198	216	424105	41.677	ng	99
41) Hexachlorocyclopentadiene	9.187	237	416910	107.824	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	291549	43.697	ng	98

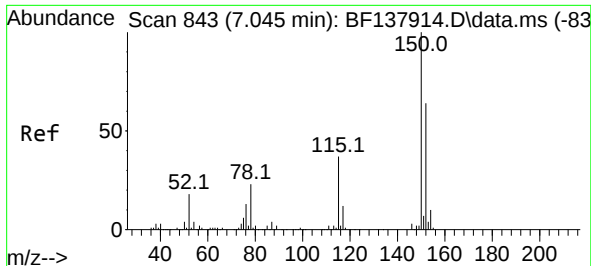
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	312041	42.743	ng	96
46) 1,1'-Biphenyl	9.498	154	1078635	41.086	ng	99
47) 2-Chloronaphthalene	9.528	162	839204	40.044	ng	98
48) 2-Nitroaniline	9.622	65	234704	43.735	ng	98
49) Acenaphthylene	9.951	152	1328704	44.094	ng	99
50) Dimethylphthalate	9.798	163	1014960	43.242	ng	99
51) 2,6-Dinitrotoluene	9.863	165	230299	42.750	ng	99
52) Acenaphthene	10.122	154	898156	45.096	ng	99
53) 3-Nitroaniline	10.034	138	172422	32.740	ng	98
54) 2,4-Dinitrophenol	10.145	184	252069	86.036	ng	# 78
55) Dibenzofuran	10.292	168	1215891	41.949	ng	100
56) 4-Nitrophenol	10.192	139	344145	90.982	ng	97
57) 2,4-Dinitrotoluene	10.269	165	309380	44.424	ng	# 87
58) Fluorene	10.639	166	959015	41.830	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	260685	45.455	ng	98
60) Diethylphthalate	10.498	149	959411	43.766	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	477601	42.243	ng	99
62) 4-Nitroaniline	10.657	138	209622	41.965	ng	99
63) Azobenzene	10.786	77	857635	43.012	ng	99
65) 4,6-Dinitro-2-methylph...	10.681	198	176210	47.689	ng	99
66) n-Nitrosodiphenylamine	10.745	169	829814	42.284	ng	98
67) 4-Bromophenyl-phenylether	11.116	248	299592	42.705	ng	97
68) Hexachlorobenzene	11.186	284	324748	41.877	ng	97
69) Atrazine	11.269	200	285965	53.363	ng	99
70) Pentachlorophenol	11.381	266	388084	85.434	ng	99
71) Phenanthrene	11.610	178	1342822	42.582	ng	100
72) Anthracene	11.657	178	1358857	43.430	ng	99
73) Carbazole	11.810	167	1203968	42.123	ng	99
74) Di-n-butylphthalate	12.128	149	1450693	45.734	ng	100
75) Fluoranthene	12.798	202	1346418	42.064	ng	99
77) Benzidine	12.916	184	94724	19.757	ng	98
78) Pyrene	13.033	202	1355906	42.258	ng	99
80) Butylbenzylphthalate	13.633	149	499444	51.605	ng	99
81) Benzo(a)anthracene	14.222	228	1025927	44.203	ng	100
82) 3,3'-Dichlorobenzidine	14.174	252	224136	34.847	ng	99
83) Chrysene	14.257	228	945267	42.586	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	610582	50.188	ng	98
85) Di-n-octyl phthalate	14.816	149	867278	52.768	ng	99
87) Indeno(1,2,3-cd)pyrene	17.421	276	909432	44.828	ng	99
88) Benzo(b)fluoranthene	15.321	252	852546	46.630	ng	99
89) Benzo(k)fluoranthene	15.357	252	803195	44.718	ng	100
90) Benzo(a)pyrene	15.727	252	748538	47.946	ng	99
91) Dibenzo(a,h)anthracene	17.445	278	744993	44.447	ng	99
92) Benzo(g,h,i)perylene	17.927	276	700000	39.755	ng	99

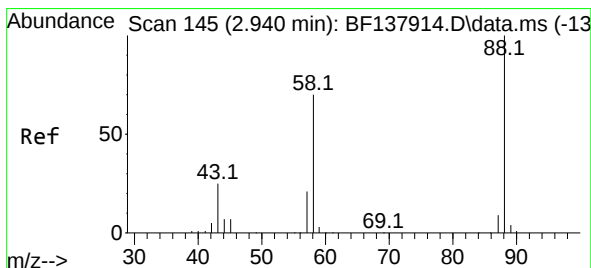
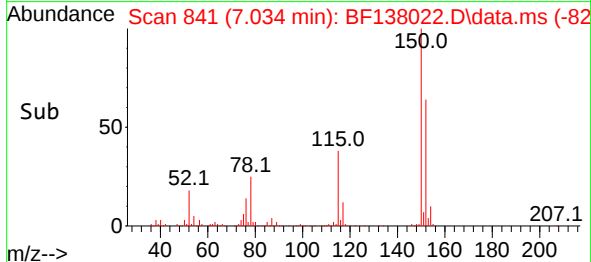
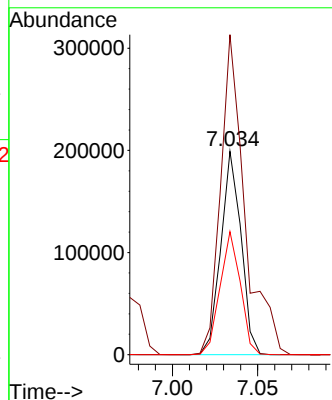
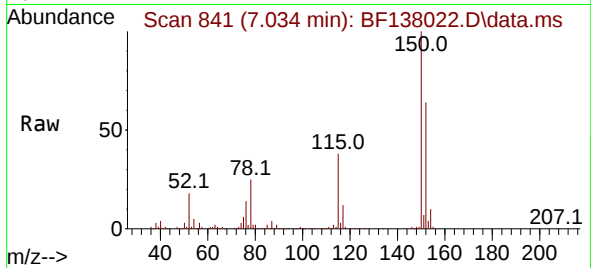
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138022.D
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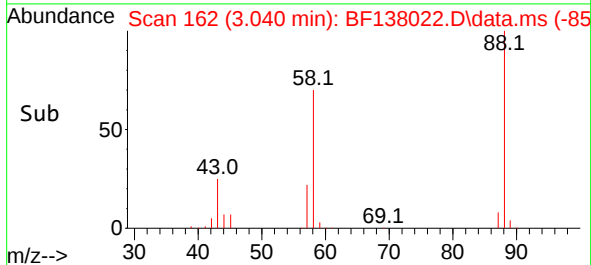
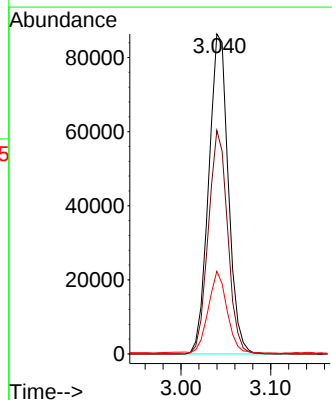
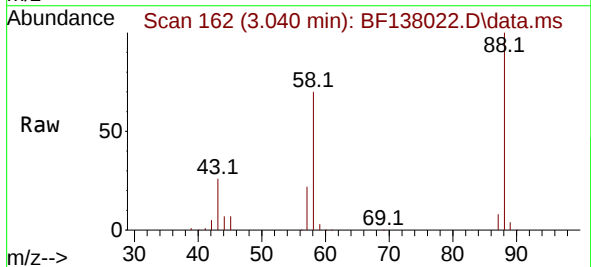
Instrument :
BNA_F
ClientSampleId :
PB161075BS

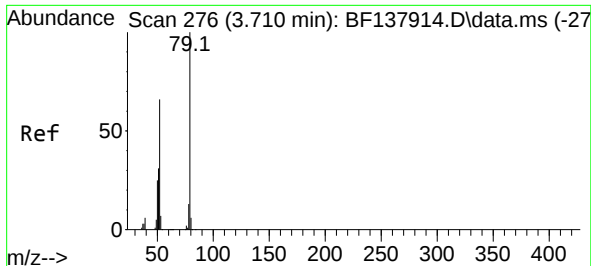
Tgt Ion:152 Resp: 164432
Ion Ratio Lower Upper
152 100
150 157.3 125.7 188.5
115 60.5 47.0 70.6



#2
1,4-Dioxane
Concen: 31.257 ng
RT: 3.040 min Scan# 162
Delta R.T. 0.100 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion: 88 Resp: 131078
Ion Ratio Lower Upper
88 100
58 68.7 54.4 81.6
43 25.2 19.6 29.4

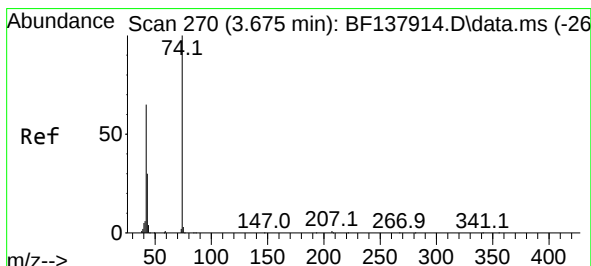
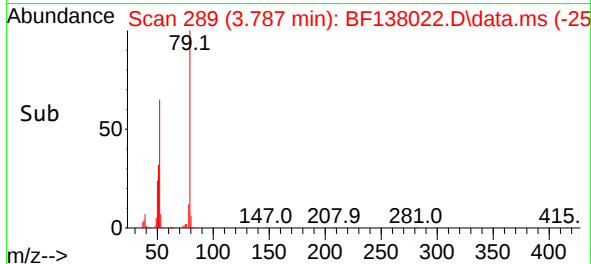
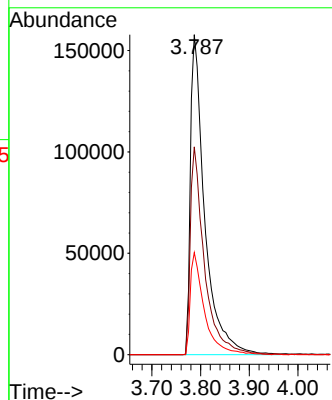
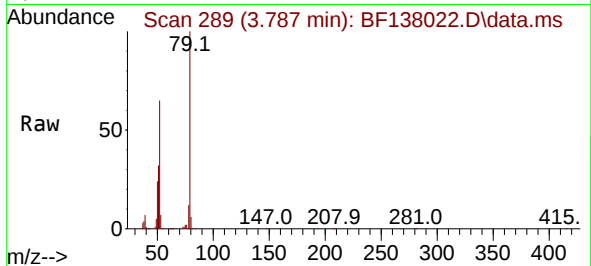




#3
Pyridine
Concen: 34.251 ng
RT: 3.787 min Scan# 21
Delta R.T. 0.077 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

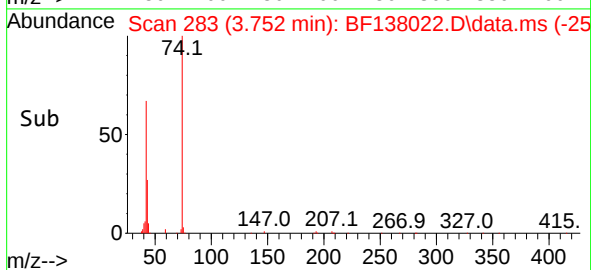
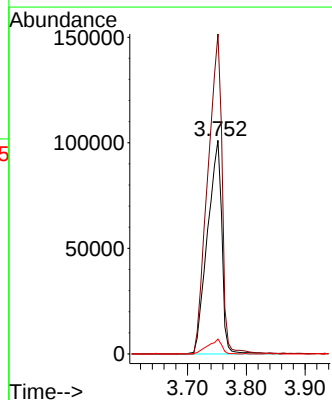
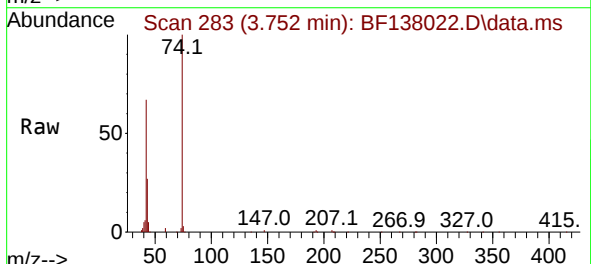
Instrument :
BNA_F
ClientSampleId :
PB161075BS

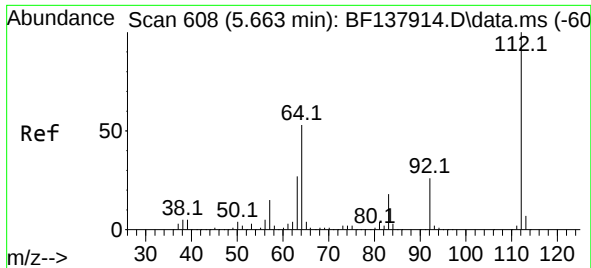
Tgt Ion: 79 Resp: 322279
Ion Ratio Lower Upper
79 100
52 64.9 52.5 78.7
51 31.9 25.1 37.7



#4
n-Nitrosodimethylamine
Concen: 41.107 ng
RT: 3.752 min Scan# 283
Delta R.T. 0.077 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion: 42 Resp: 170636
Ion Ratio Lower Upper
42 100
74 149.9 123.1 184.7
44 7.0 5.0 7.6

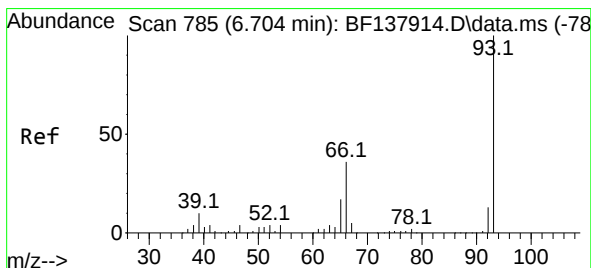
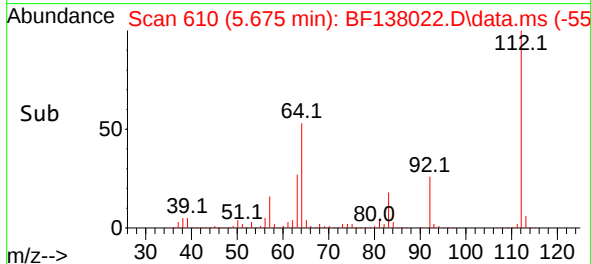
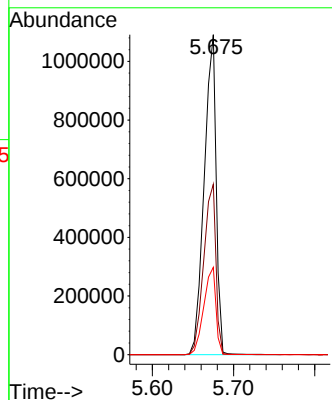
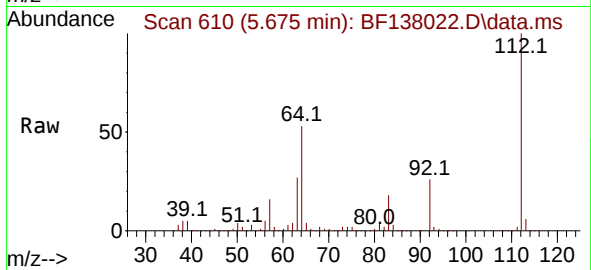




#5
2-Fluorophenol
Concen: 115.320 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

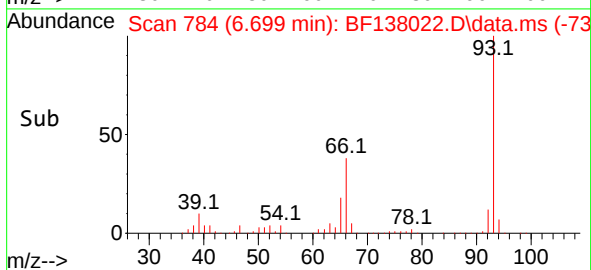
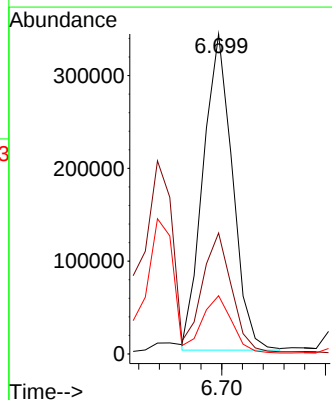
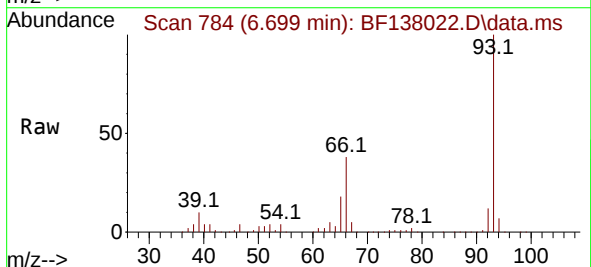
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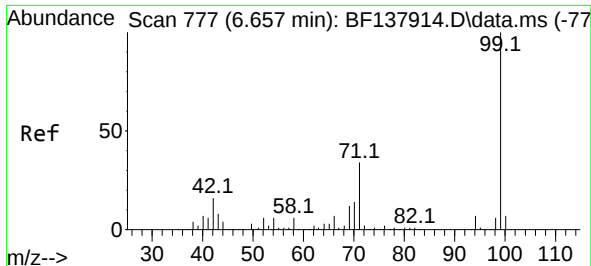
Tgt Ion:112 Resp: 1116315
Ion Ratio Lower Upper
112 100
64 53.2 42.4 63.6
63 27.3 21.4 32.2



#6
Aniline
Concen: 31.425 ng m
RT: 6.699 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion: 93 Resp: 335172
Ion Ratio Lower Upper
93 100
66 37.8 30.7 46.1
65 18.2 15.0 22.4



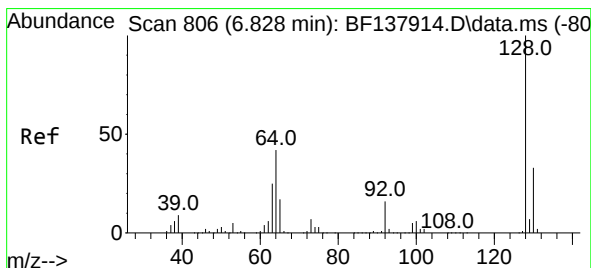
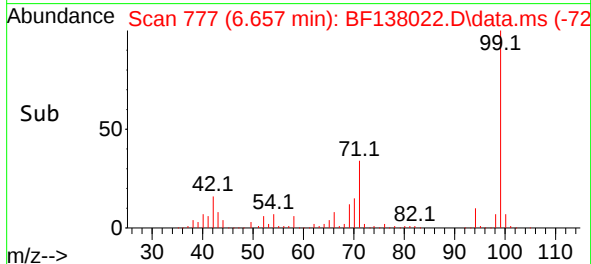
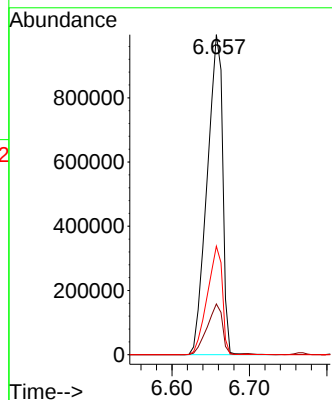
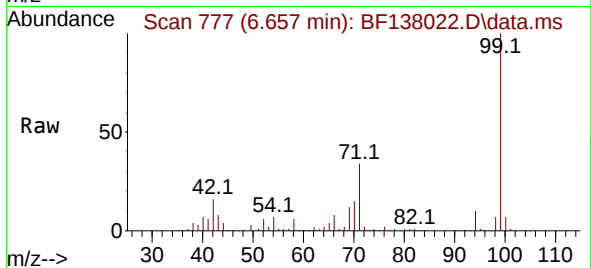


#7
Phenol-d6
Concen: 116.005 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Instrument :
BNA_F
ClientSampleId :
PB161075BS

Tgt Ion: 99 Resp: 1383294

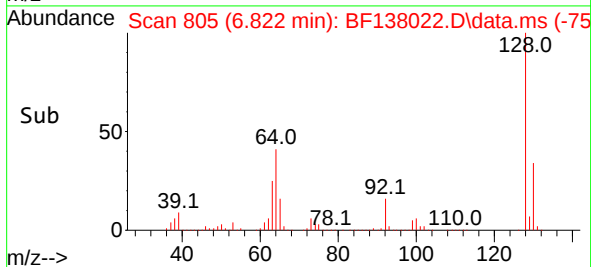
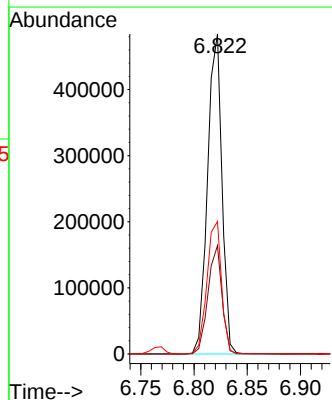
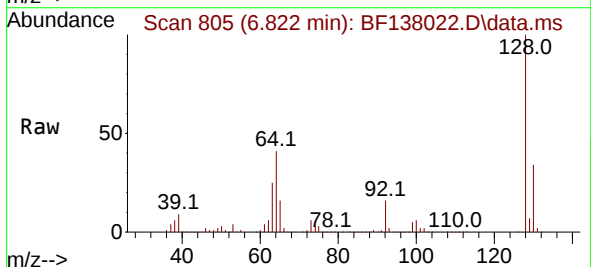
Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.6	18.8
71	33.9	27.1	40.7

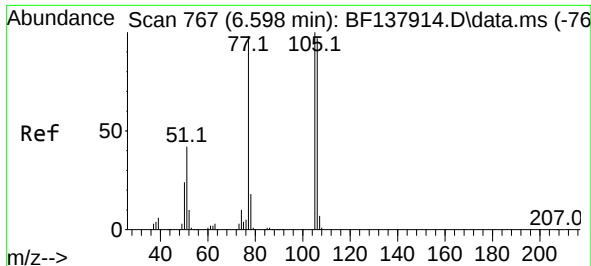


#8
2-Chlorophenol
Concen: 43.474 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion: 128 Resp: 455432

Ion	Ratio	Lower	Upper
128	100		
130	33.8	12.8	52.8
64	41.4	22.2	62.2

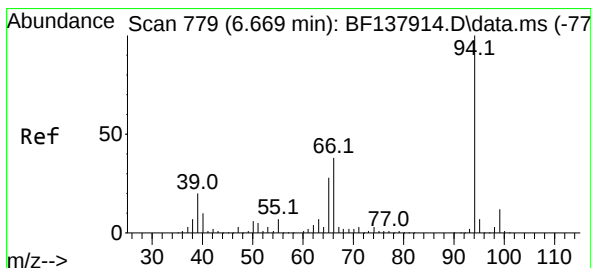
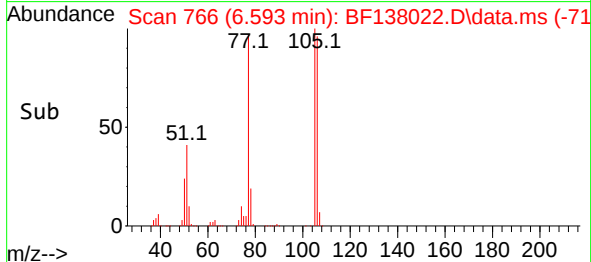
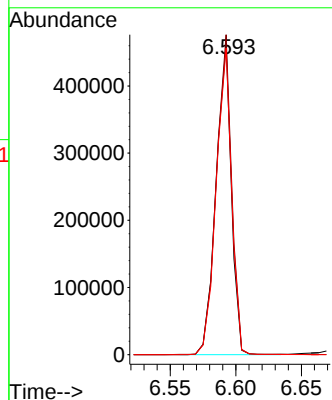
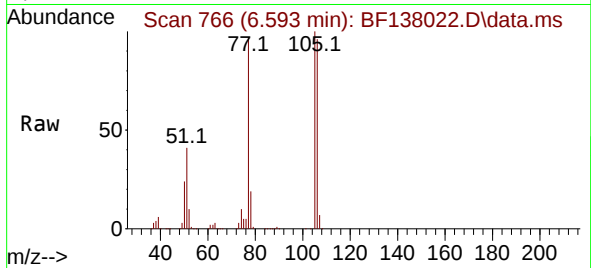




#9
Benzaldehyde
Concen: 58.145 ng
RT: 6.593 min Scan# 766
Delta R.T. -0.005 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

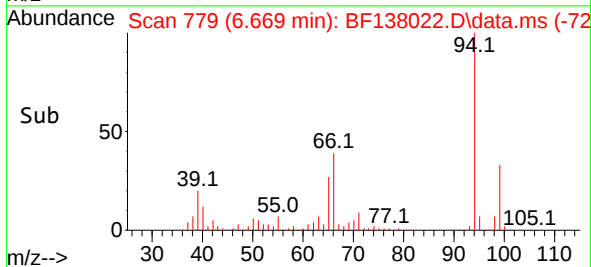
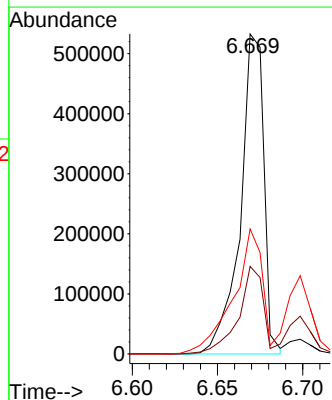
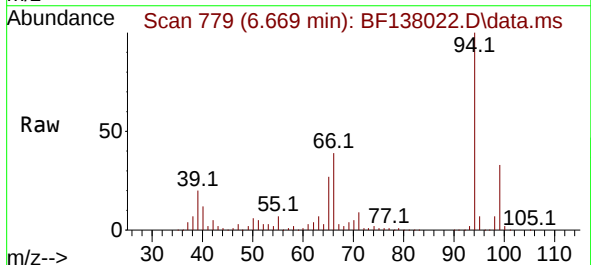
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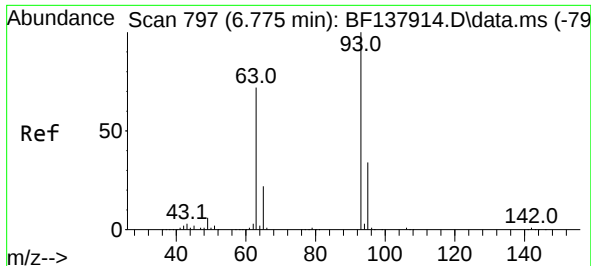
Tgt Ion: 77 Resp: 375118
Ion Ratio Lower Upper
77 100
105 102.7 82.3 122.3
106 98.4 79.2 119.2



#10
Phenol
Concen: 42.418 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion: 94 Resp: 510547
Ion Ratio Lower Upper
94 100
65 27.3 7.8 47.8
66 39.1 18.6 58.6

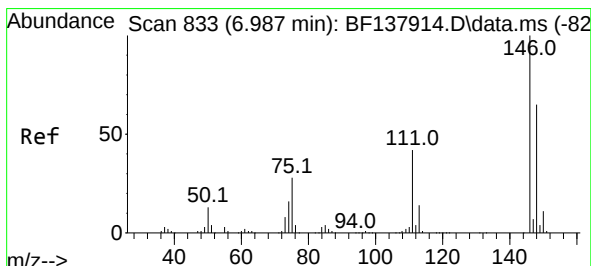
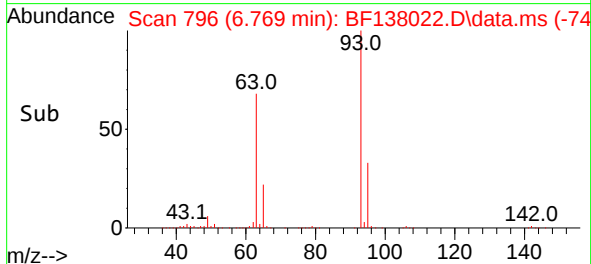
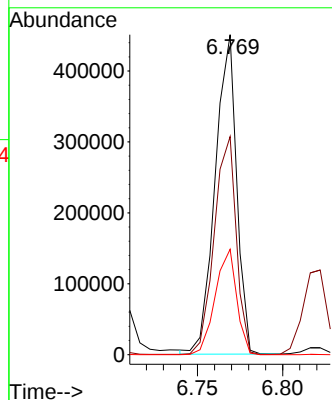
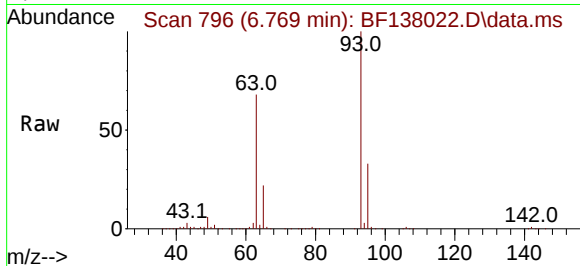




#11
bis(2-Chloroethyl)ether
Concen: 42.841 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

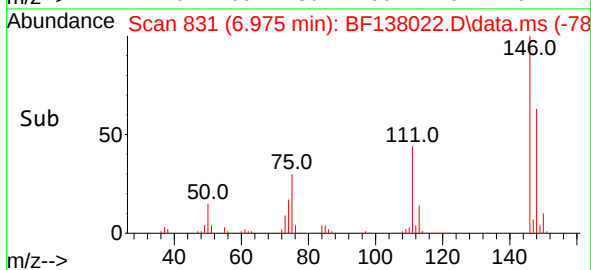
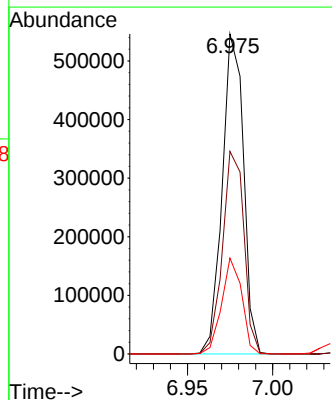
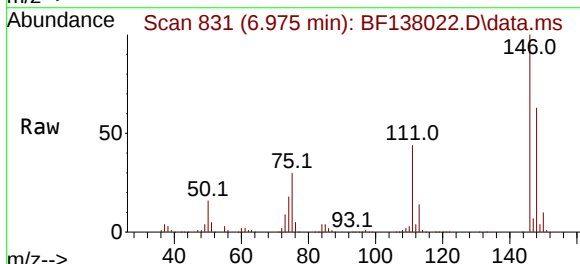
Instrument :
BNA_F
ClientSampleId :
PB161075BS

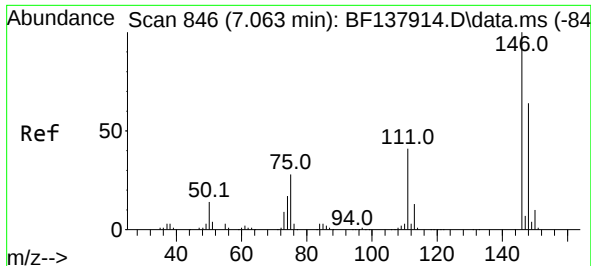
Tgt Ion: 93 Resp: 395914
Ion Ratio Lower Upper
93 100
63 68.2 51.4 91.4
95 32.9 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 39.066 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.012 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion: 146 Resp: 473509
Ion Ratio Lower Upper
146 100
148 63.3 51.7 77.5
75 30.0 22.4 33.6





#13

1,4-Dichlorobenzene

Concen: 39.494 ng

RT: 7.051 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

Instrument :

BNA_F

ClientSampleId :

PB161075BS

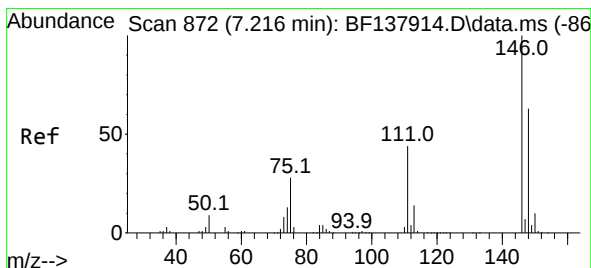
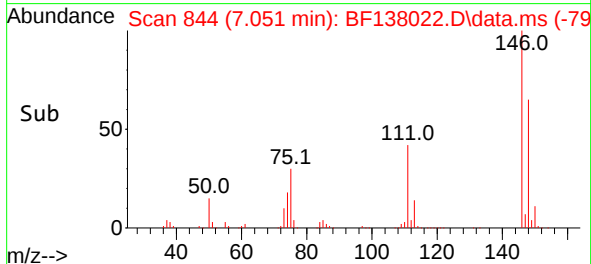
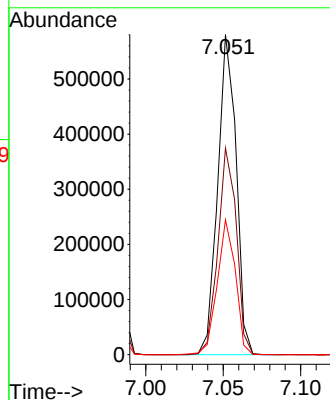
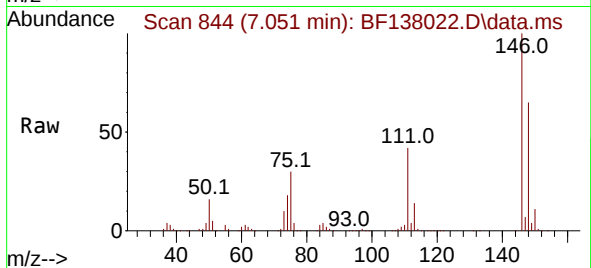
Tgt Ion:146 Resp: 480490

Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.6

111 42.1 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 40.377 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.012 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

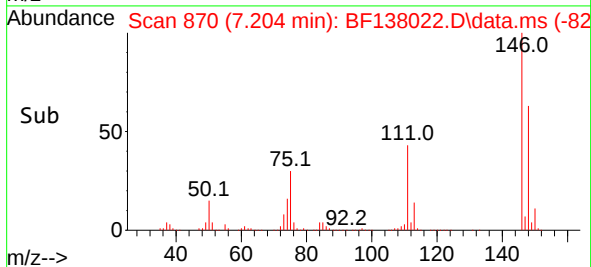
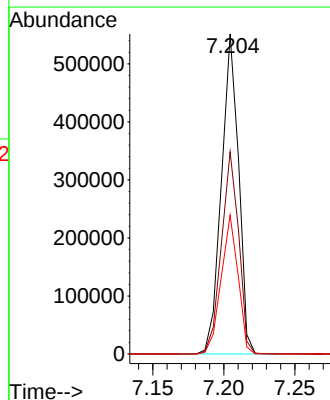
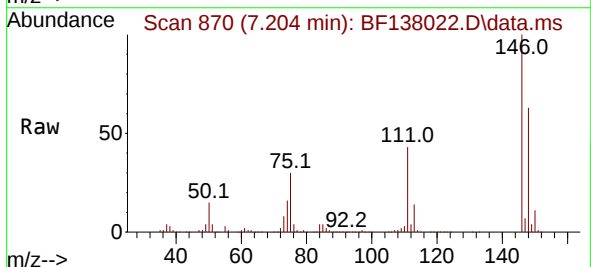
Tgt Ion:146 Resp: 462336

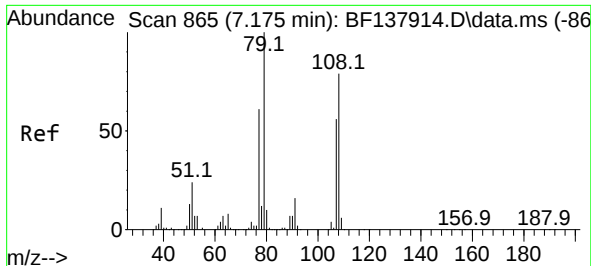
Ion Ratio Lower Upper

146 100

148 63.2 50.2 75.4

111 43.3 35.1 52.7

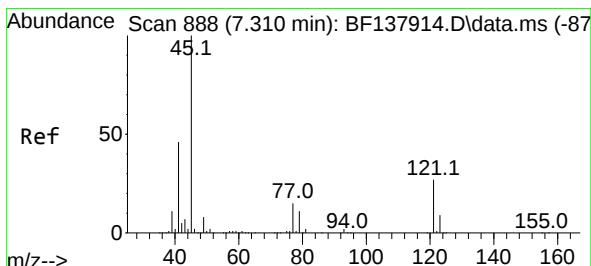
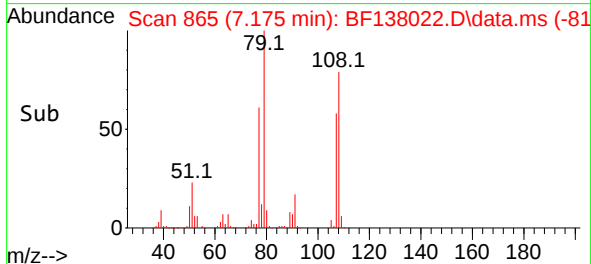
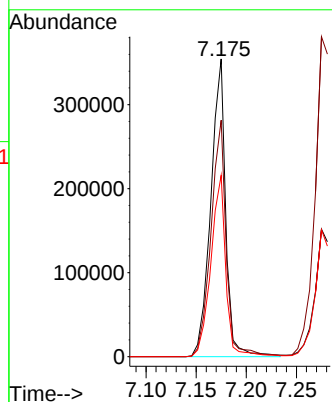
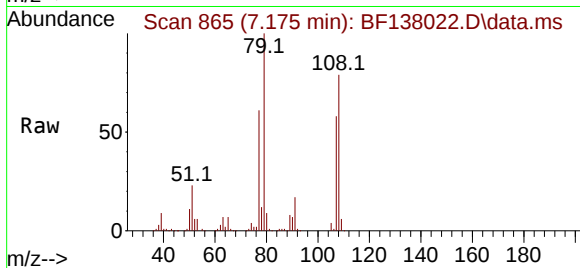




#15
Benzyl Alcohol
Concen: 46.218 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

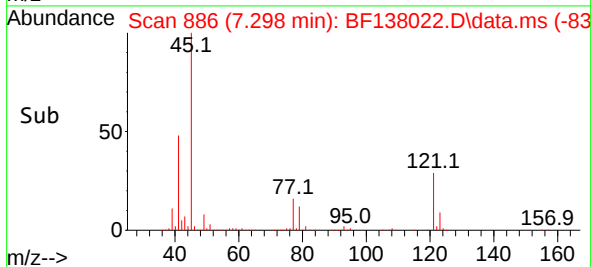
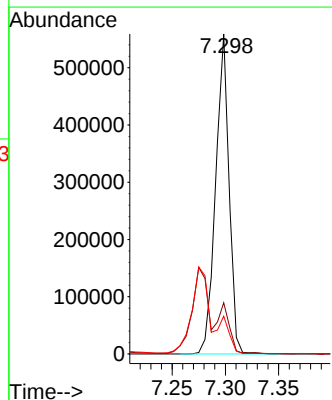
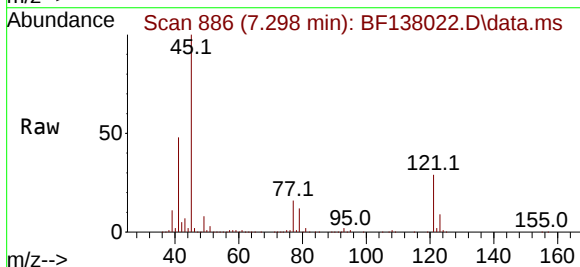
Instrument :
BNA_F
ClientSampleId :
PB161075BS

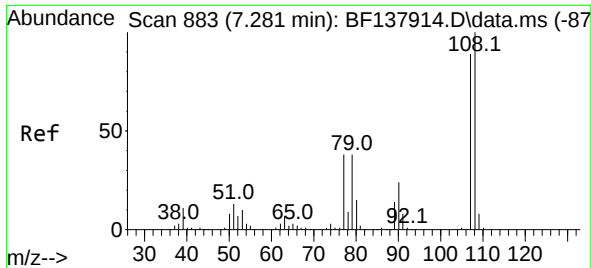
Tgt Ion: 79 Resp: 368015
Ion Ratio Lower Upper
79 100
108 79.4 62.8 94.2
77 60.9 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.853 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion: 45 Resp: 486806
Ion Ratio Lower Upper
45 100
77 16.0 0.0 35.3
79 11.8 0.0 32.1

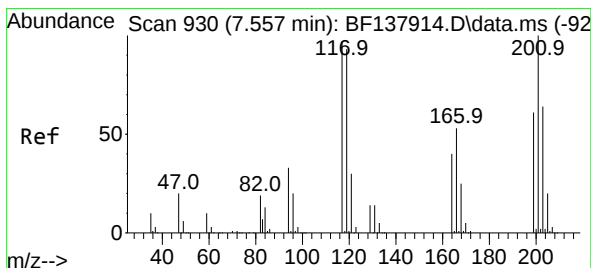
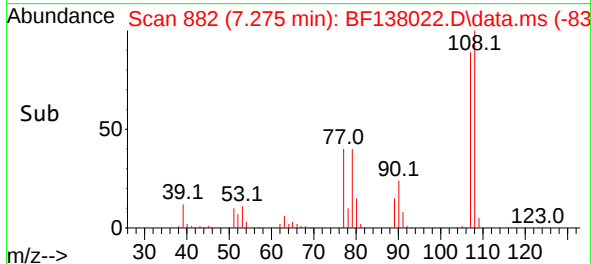
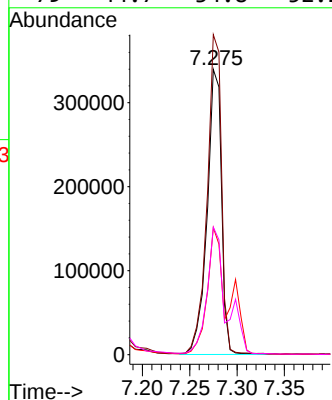
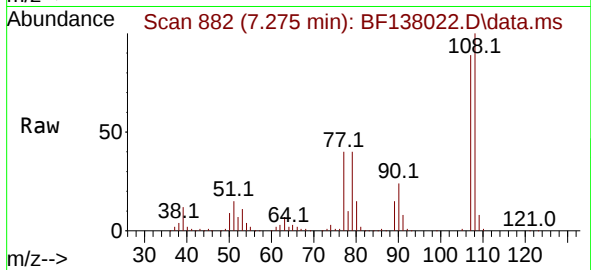




#17
2-Methylphenol
Concen: 42.962 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

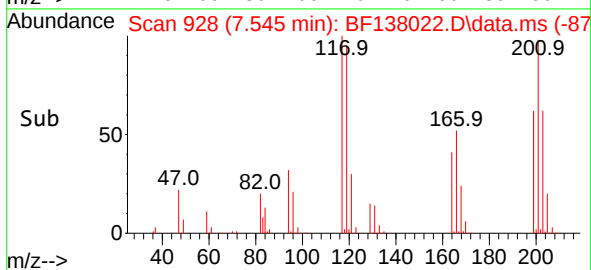
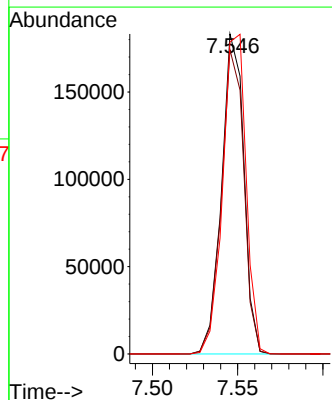
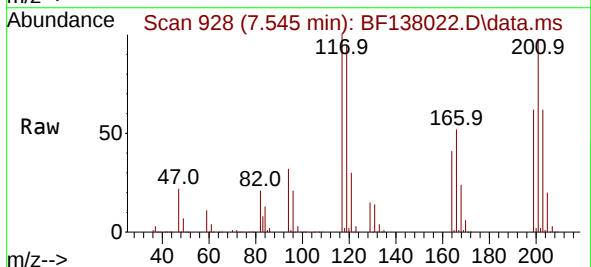
Instrument :
BNA_F
ClientSampleId :
PB161075BS

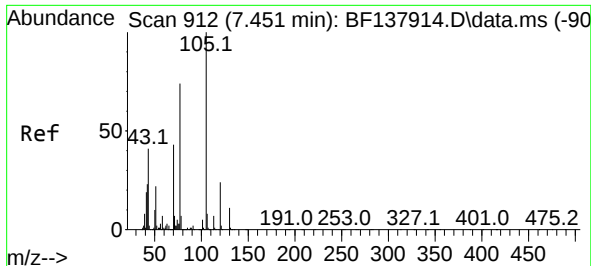
Tgt Ion:	107	Resp:	358926
Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.1	135.1
77	44.5	34.3	51.5
79	44.7	34.8	52.2



#18
Hexachloroethane
Concen: 40.432 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion:	117	Resp:	166456
Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.8	115.2
201	97.5	82.7	124.1



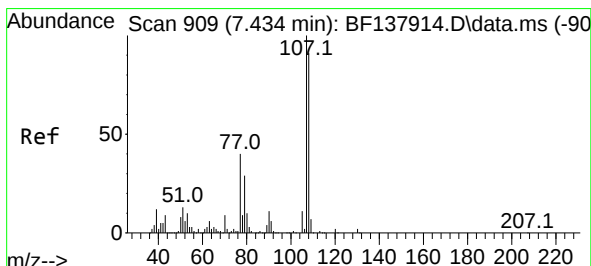
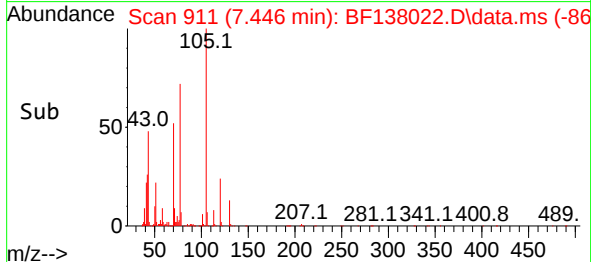
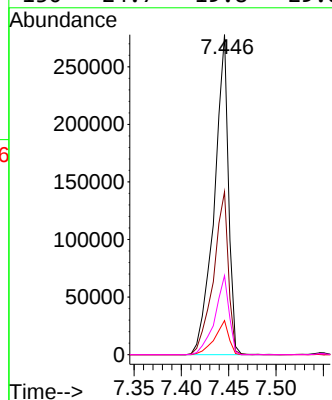
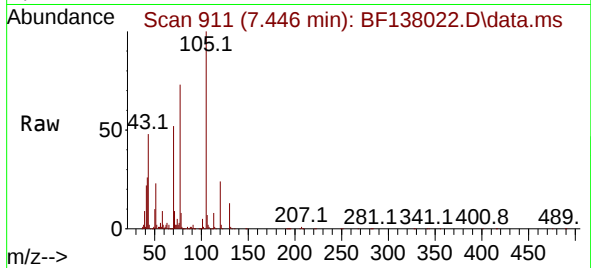


#19
n-Nitroso-di-n-propylamine
Concen: 43.281 ng
RT: 7.446 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Instrument :
BNA_F
ClientSampleId :
PB161075BS

Tgt Ion: 70 Resp: 289957

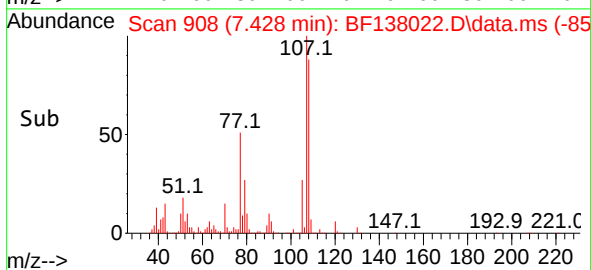
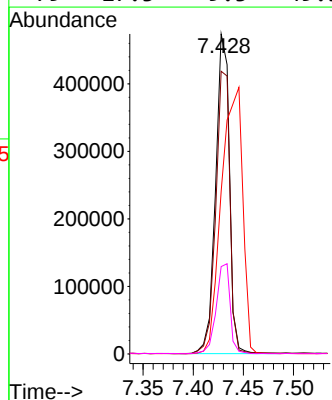
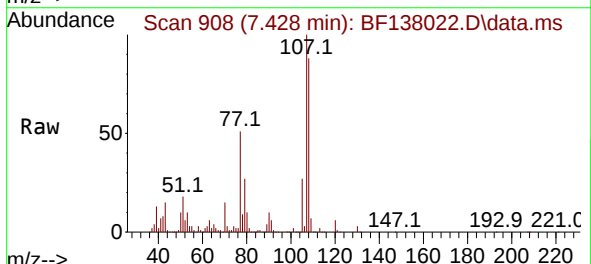
Ion	Ratio	Lower	Upper
70	100		
42	50.9	42.2	63.4
101	10.6	8.8	13.2
130	24.7	19.8	29.8

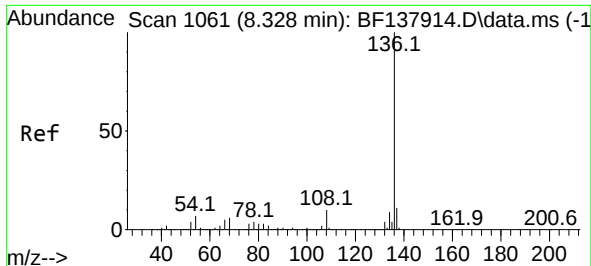


#20
3+4-Methylphenols
Concen: 41.544 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion: 107 Resp: 454690

Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.8	110.8
77	50.8	20.2	60.2
79	27.3	9.3	49.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

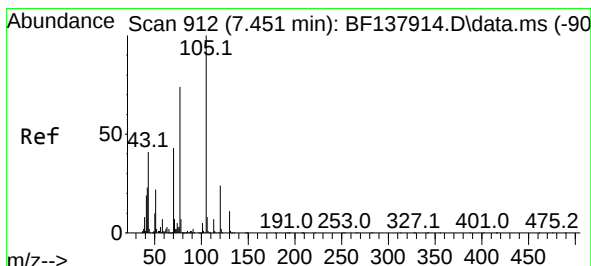
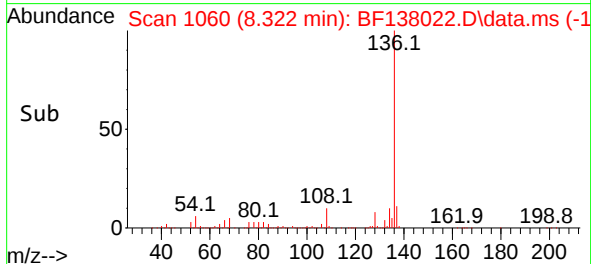
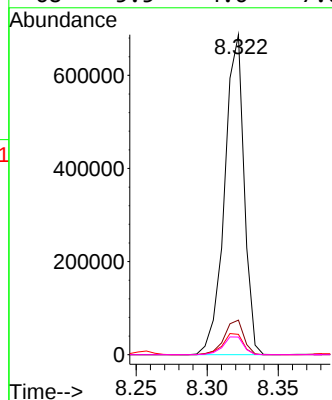
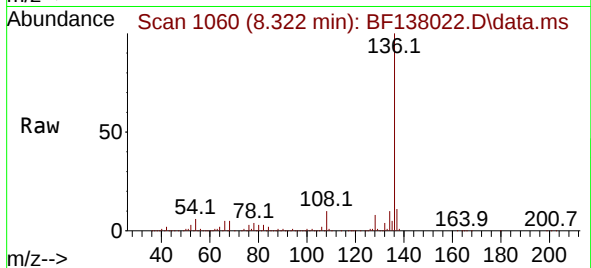
Instrument :

BNA_F

ClientSampleId :

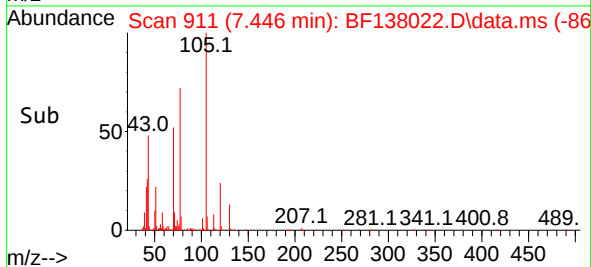
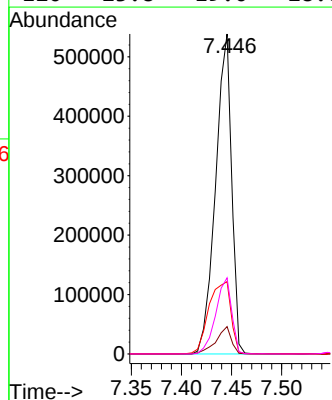
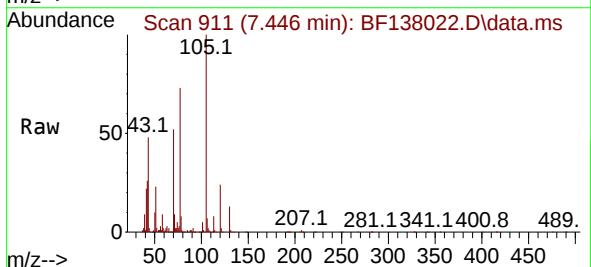
PB161075BS

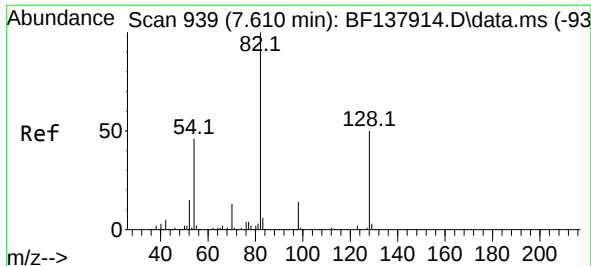
Tgt Ion:136 Resp: 654986
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.4 5.4 8.2
68 5.5 4.6 7.0



#22
Acetophenone
Concen: 40.798 ng
RT: 7.446 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion:105 Resp: 598615
Ion Ratio Lower Upper
105 100
71 8.5 5.7 8.5#
51 22.6 17.8 26.8
120 23.8 19.0 28.6





#23

Nitrobenzene-d5

Concen: 76.457 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

Instrument :

BNA_F

ClientSampleId :

PB161075BS

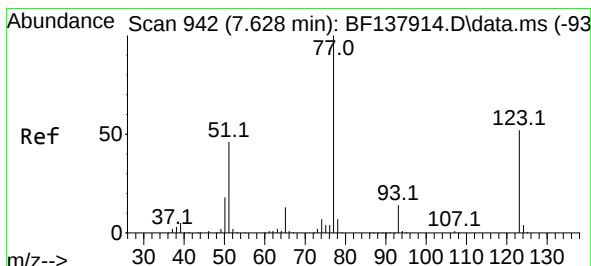
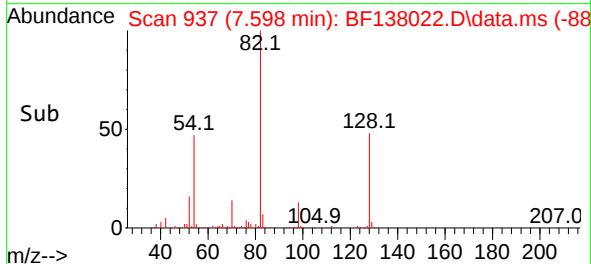
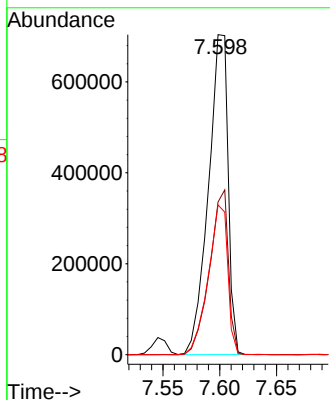
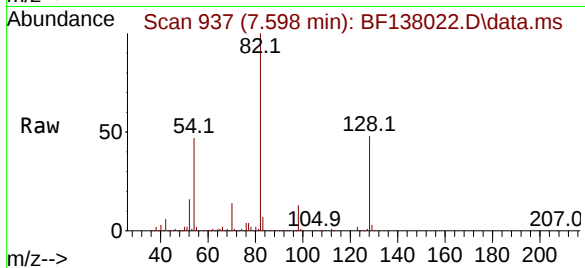
Tgt Ion: 82 Resp: 850939

Ion Ratio Lower Upper

82 100

128 47.7 40.3 60.5

54 46.8 36.8 55.2



#24

Nitrobenzene

Concen: 39.220 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

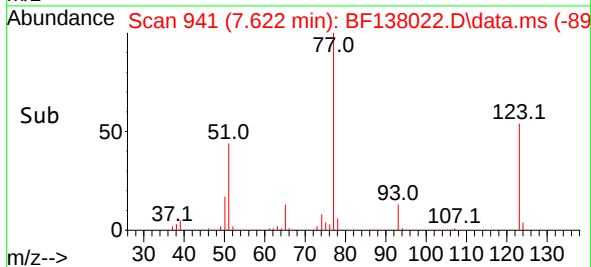
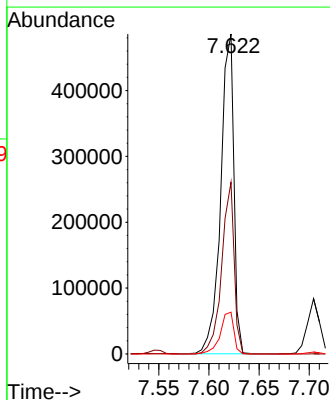
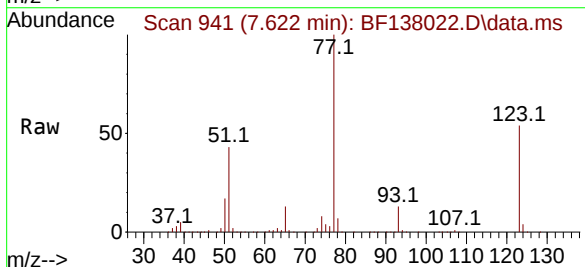
Tgt Ion: 77 Resp: 442814

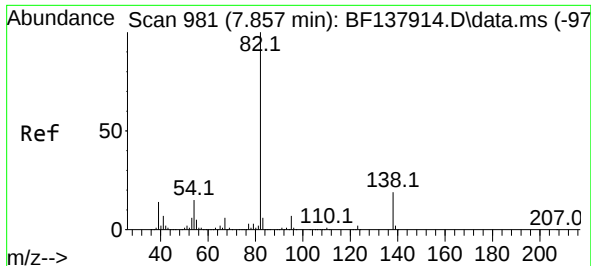
Ion Ratio Lower Upper

77 100

123 53.7 41.4 62.2

65 13.1 10.5 15.7

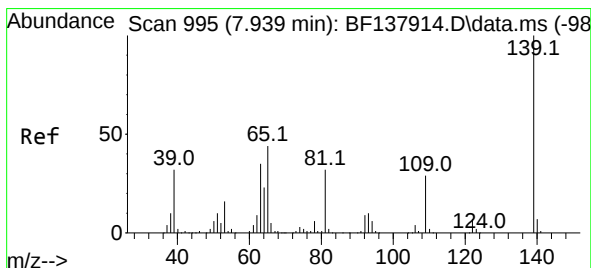
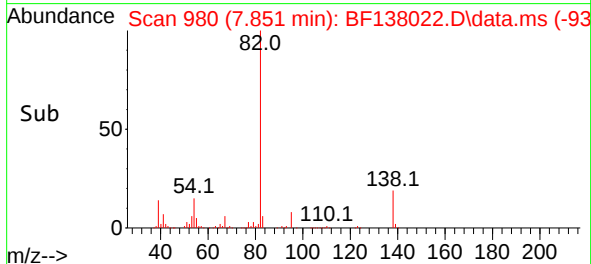
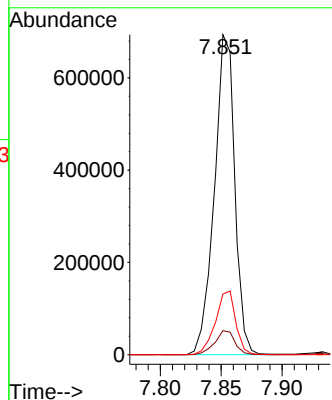
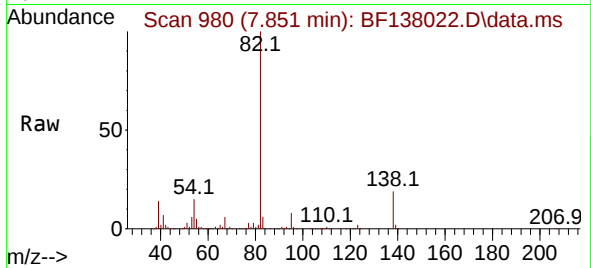




#25
Isophorone
Concen: 41.838 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

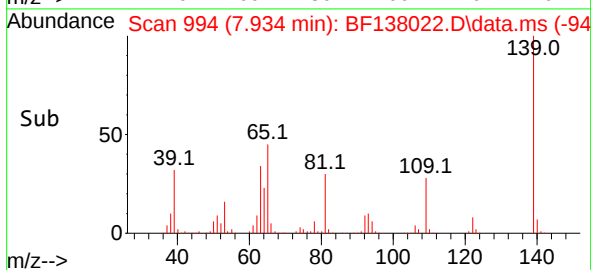
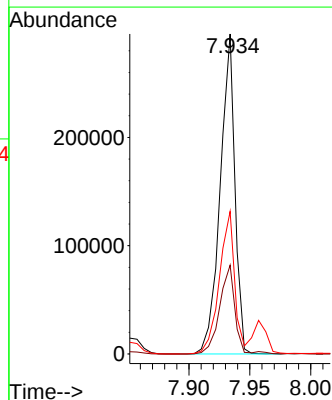
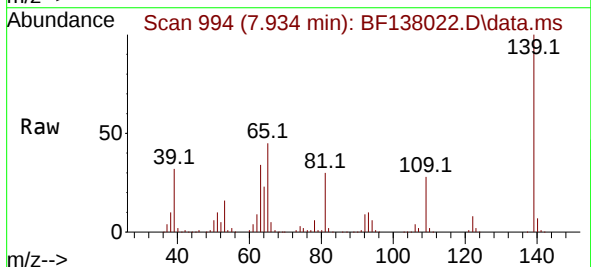
Instrument :
BNA_F
ClientSampleId :
PB161075BS

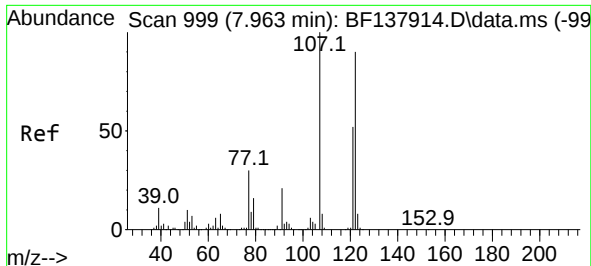
Tgt Ion: 82 Resp: 808144
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 19.0 15.0 22.4



#26
2-Nitrophenol
Concen: 44.006 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion: 139 Resp: 249657
Ion Ratio Lower Upper
139 100
109 27.8 22.8 34.2
65 44.6 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 45.259 ng

RT: 7.957 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

Instrument :

BNA_F

ClientSampleId :

PB161075BS

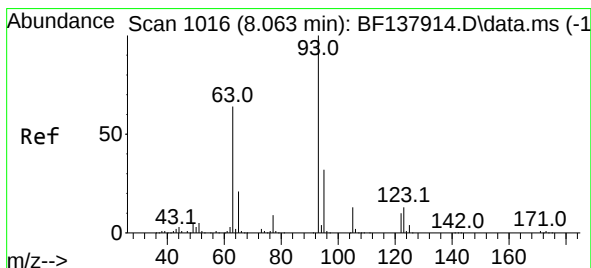
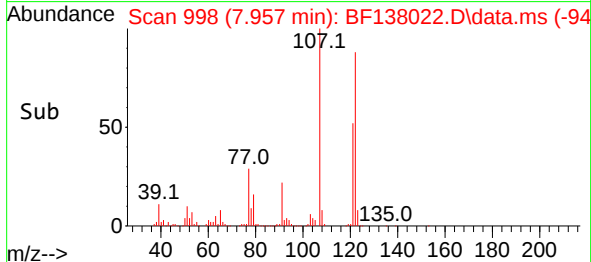
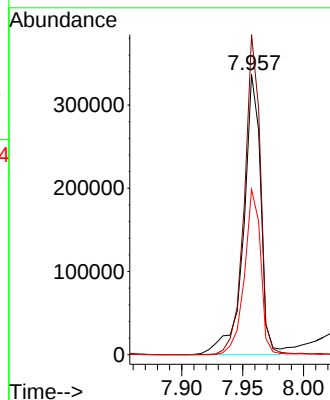
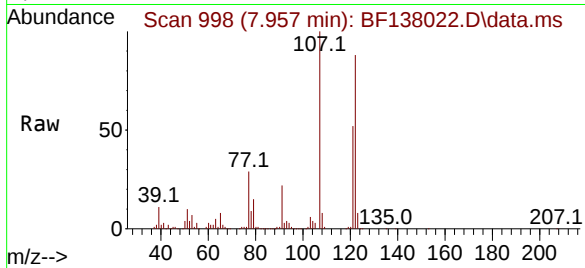
Tgt Ion:122 Resp: 330575

Ion Ratio Lower Upper

122 100

107 114.2 89.0 133.4

121 58.9 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 41.846 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

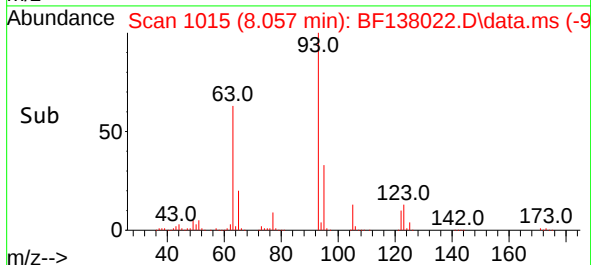
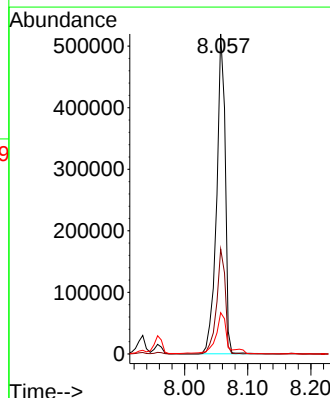
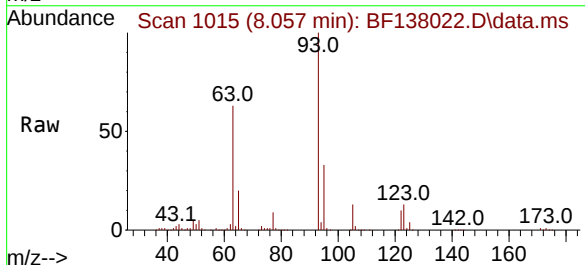
Tgt Ion: 93 Resp: 489893

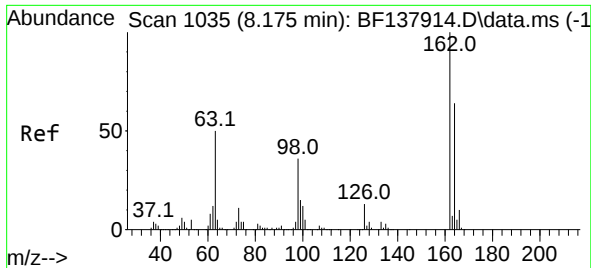
Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

123 12.9 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 43.242 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

Instrument :

BNA_F

ClientSampleId :

PB161075BS

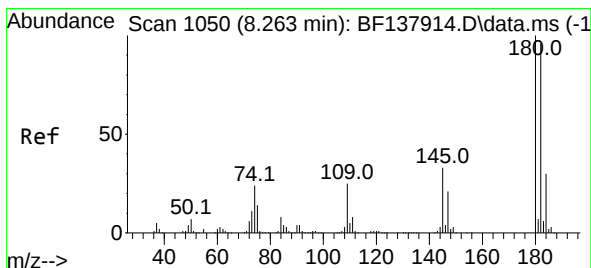
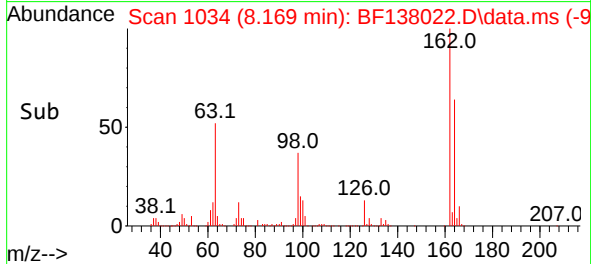
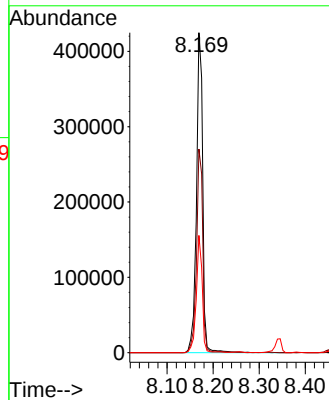
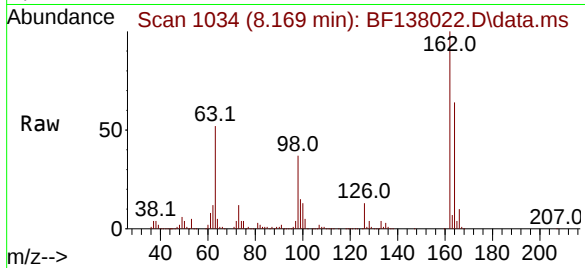
Tgt Ion:162 Resp: 397170

Ion Ratio Lower Upper

162 100

164 63.7 44.3 84.3

98 36.7 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 39.468 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

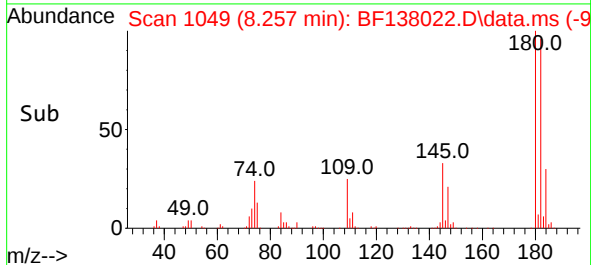
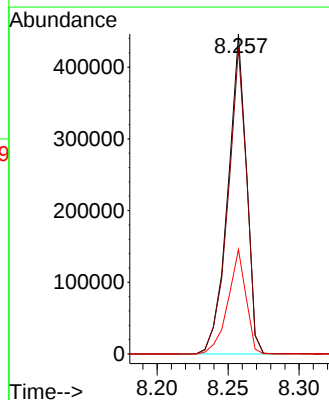
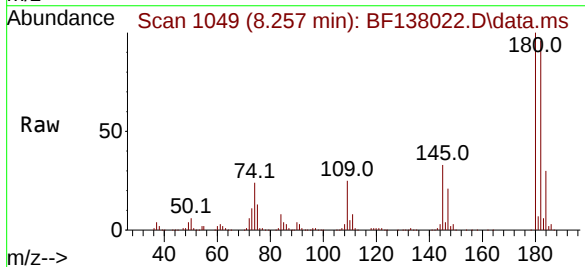
Tgt Ion:180 Resp: 404746

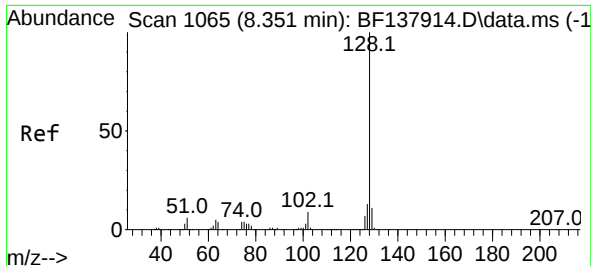
Ion Ratio Lower Upper

180 100

182 95.7 76.5 114.7

145 32.6 26.2 39.2

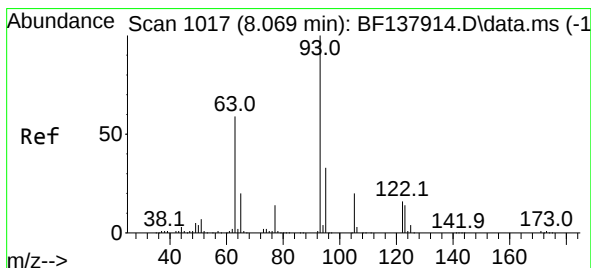
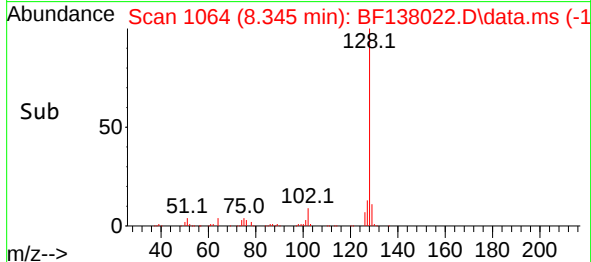
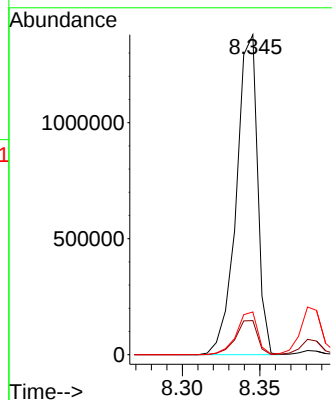
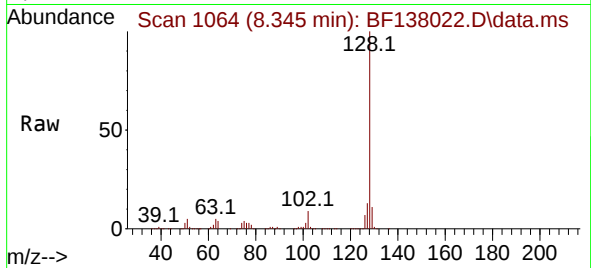




#31
Naphthalene
Concen: 39.815 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

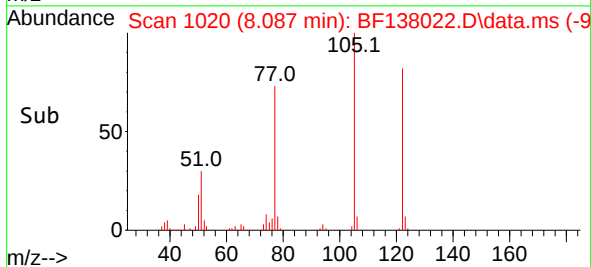
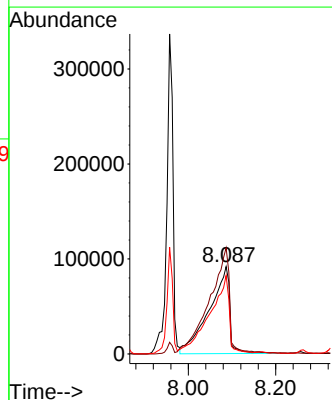
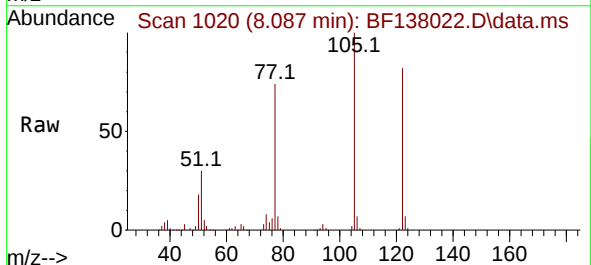
Instrument :
BNA_F
ClientSampleId :
PB161075BS

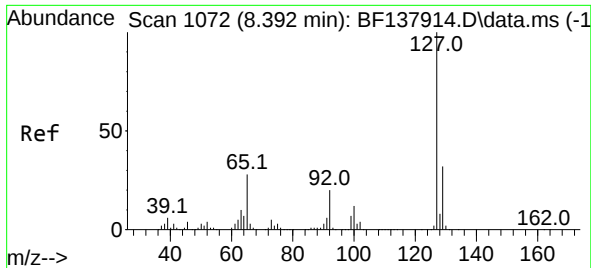
Tgt Ion:128 Resp: 1311234
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 48.131 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.018 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion:122 Resp: 297176
Ion Ratio Lower Upper
122 100
105 121.4 103.8 143.8
77 89.7 68.4 108.4

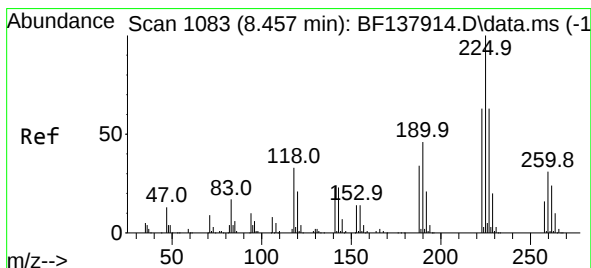
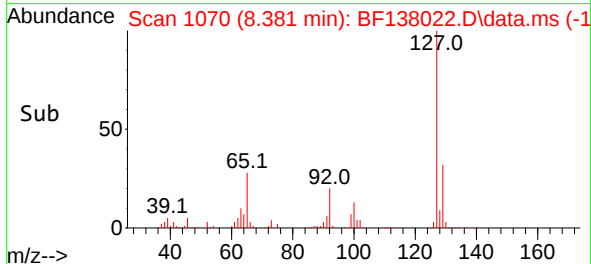
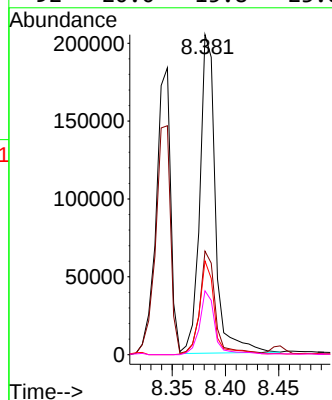
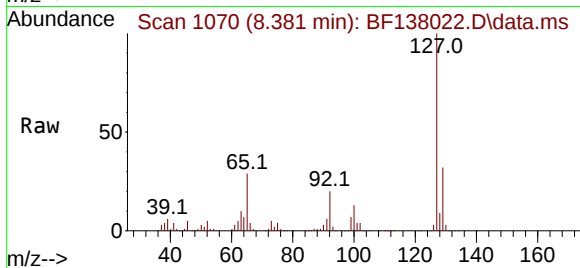




#33
4-Chloroaniline
Concen: 19.390 ng
RT: 8.381 min Scan# 1070
Delta R.T. -0.012 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

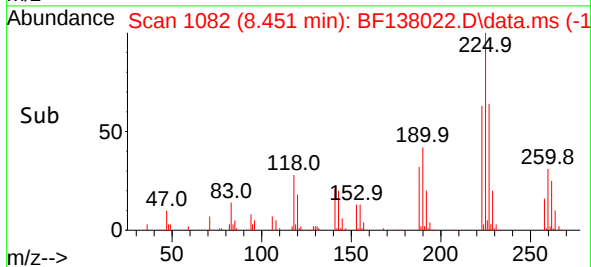
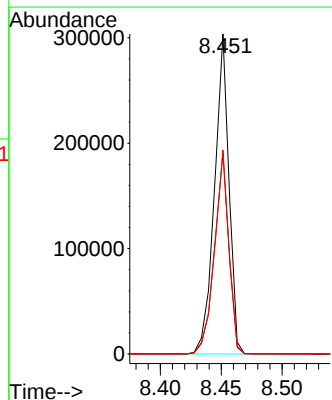
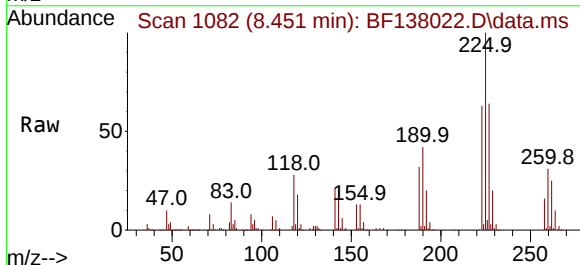
Instrument :
BNA_F
ClientSampleId :
PB161075BS

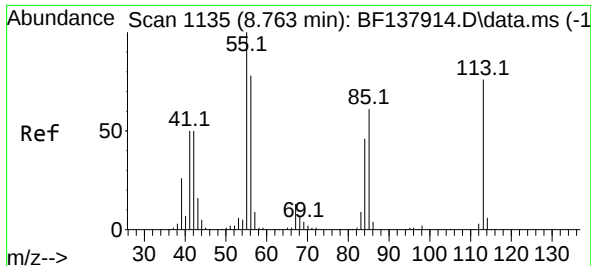
Tgt Ion:	127	Resp:	209335
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.2
65	29.3	22.0	33.0
92	20.0	15.8	23.8



#34
Hexachlorobutadiene
Concen: 38.706 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion:	225	Resp:	251243
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.0	75.0
227	63.8	50.2	75.4

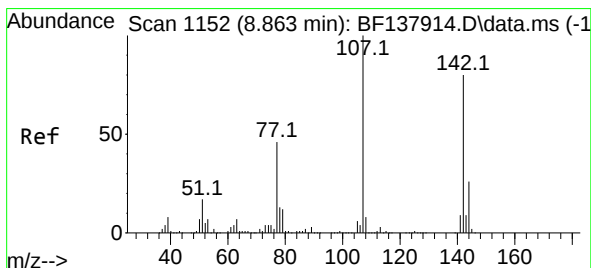
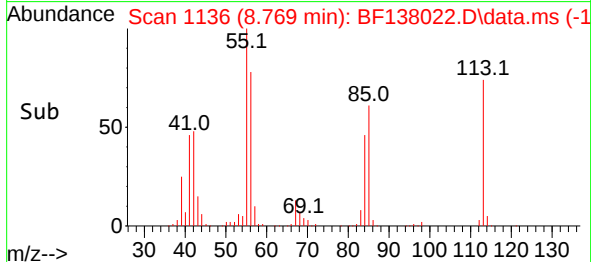
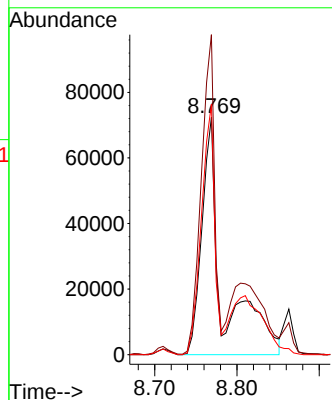
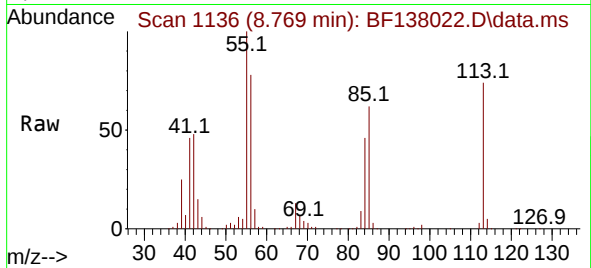




#35
 Caprolactam
 Concen: 47.825 ng m
 RT: 8.769 min Scan# 1135
 Delta R.T. 0.006 min
 Lab File: BF138022.D
 Acq: 23 May 2024 12:21

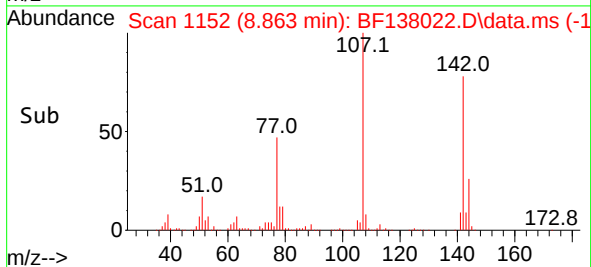
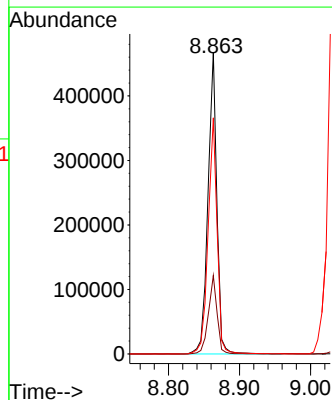
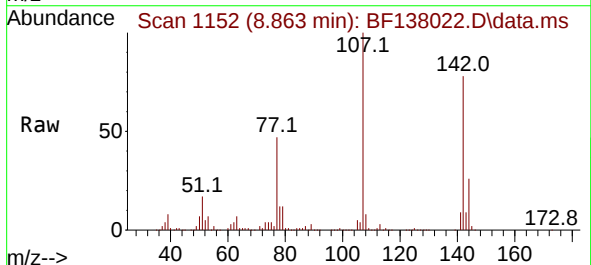
Instrument :
 BNA_F
 ClientSampleId :
 PB161075BS

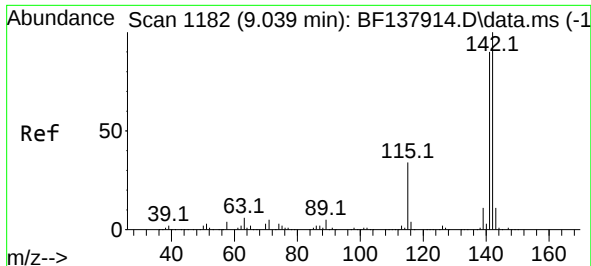
Tgt Ion:113 Resp: 127263
 Ion Ratio Lower Upper
 113 100
 55 134.9 112.3 152.3
 56 105.6 82.7 122.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.665 ng
 RT: 8.863 min Scan# 1152
 Delta R.T. 0.000 min
 Lab File: BF138022.D
 Acq: 23 May 2024 12:21

Tgt Ion:107 Resp: 407982
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.7 31.1
 142 78.2 64.0 96.0





#37

2-Methylnaphthalene

Concen: 41.241 ng

RT: 9.034 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

Instrument :

BNA_F

ClientSampleId :

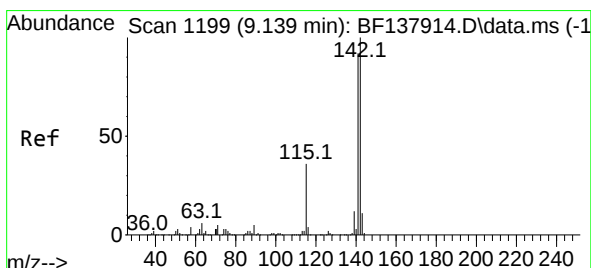
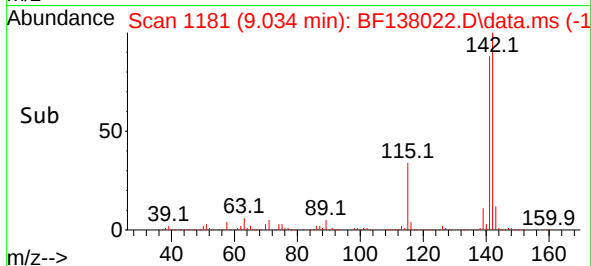
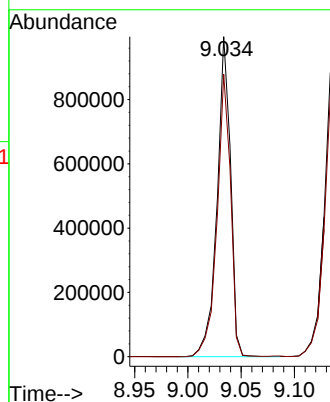
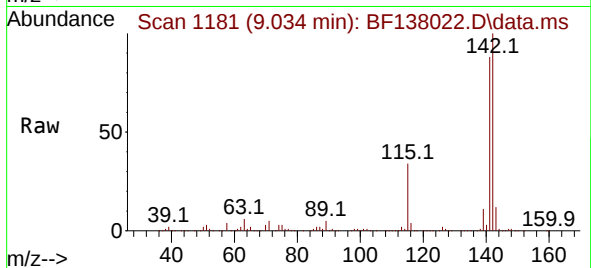
PB161075BS

Tgt Ion:142 Resp: 873046

Ion Ratio Lower Upper

142 100

141 88.3 72.0 108.0



#38

1-Methylnaphthalene

Concen: 38.958 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF138022.D

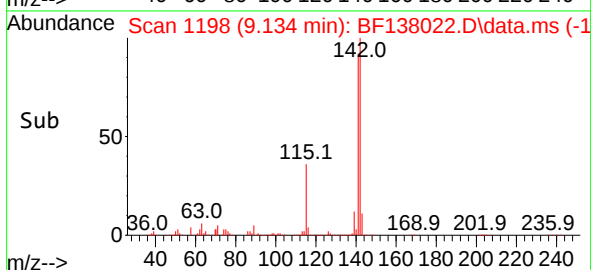
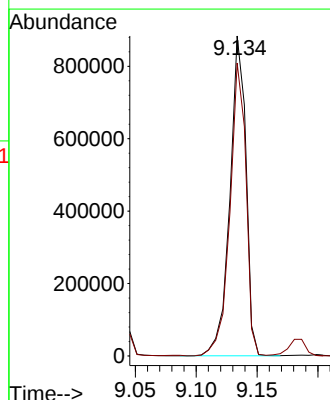
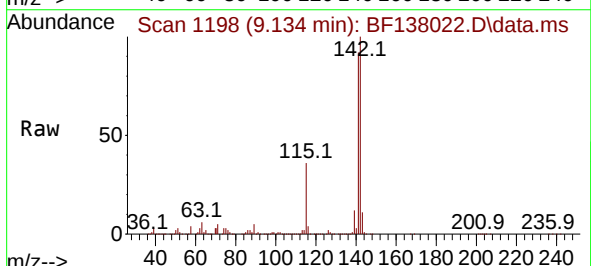
Acq: 23 May 2024 12:21

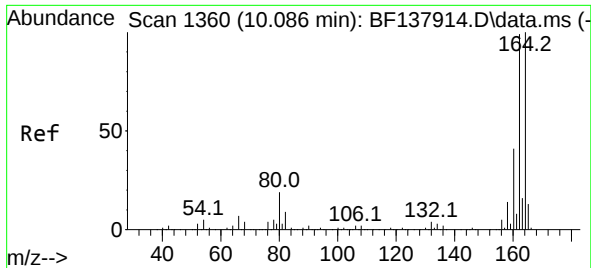
Tgt Ion:142 Resp: 810776

Ion Ratio Lower Upper

142 100

141 91.5 73.7 110.5

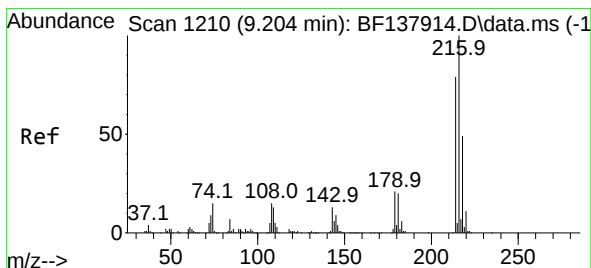
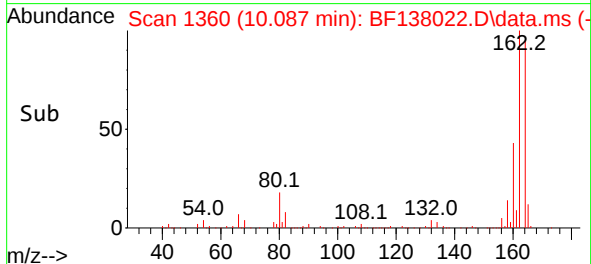
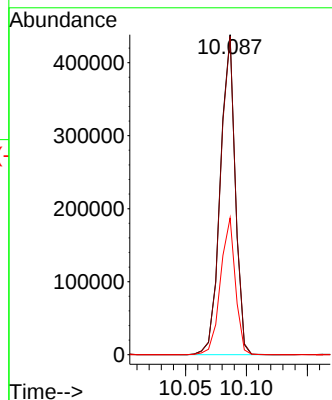
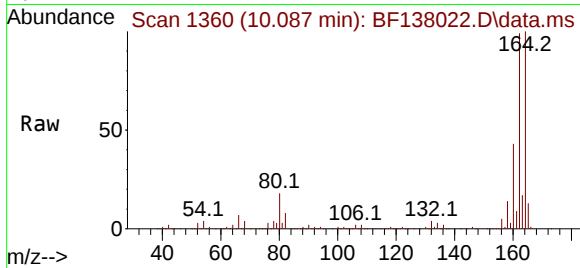




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.087 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

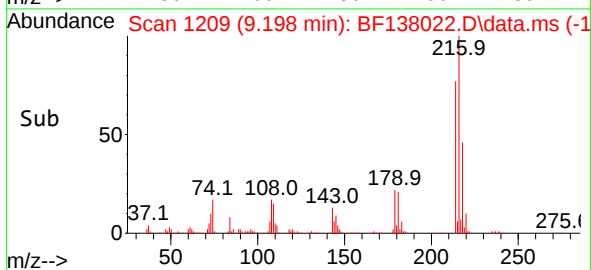
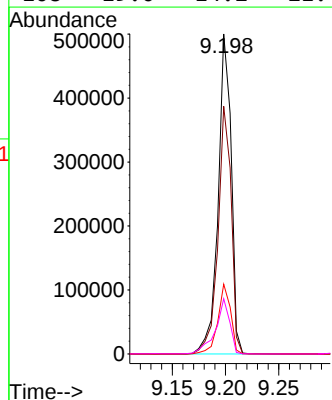
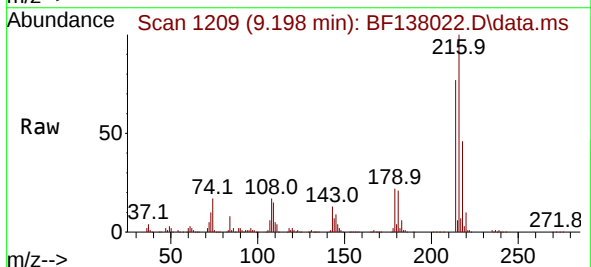
Instrument :
BNA_F
ClientSampleId :
PB161075BS

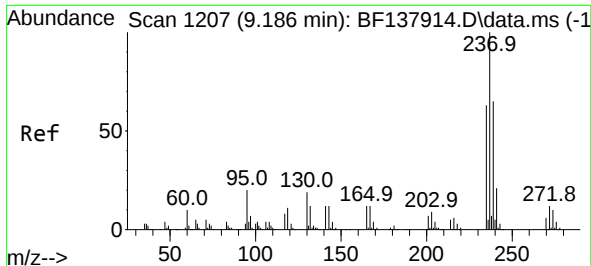
Tgt Ion:164 Resp: 374304
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.2
160 42.8 33.1 49.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.677 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion:216 Resp: 424105
Ion Ratio Lower Upper
216 100
214 78.2 63.4 95.2
179 21.3 17.0 25.4
108 19.0 14.2 21.4

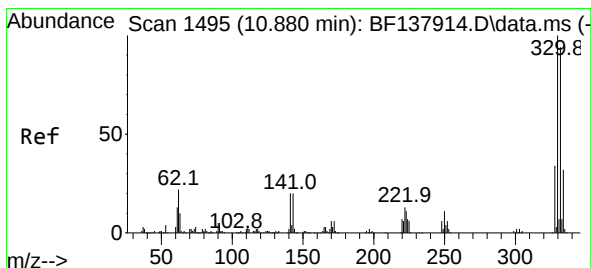
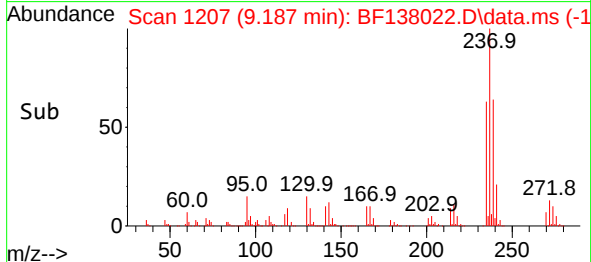
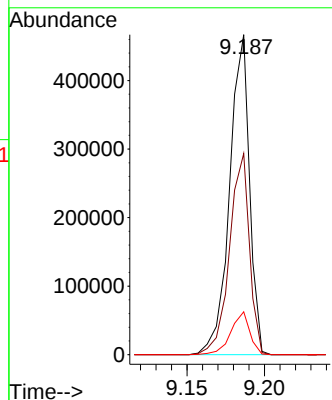
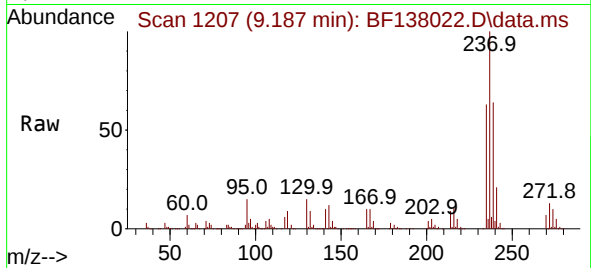




#41
Hexachlorocyclopentadiene
Concen: 107.824 ng
RT: 9.187 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

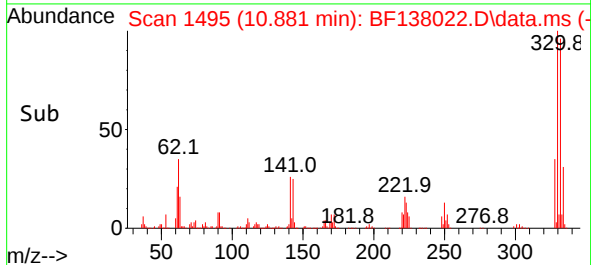
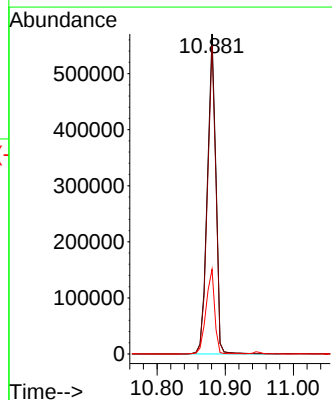
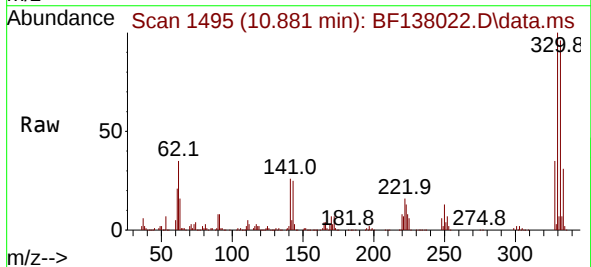
Instrument :
BNA_F
ClientSampleId :
PB161075BS

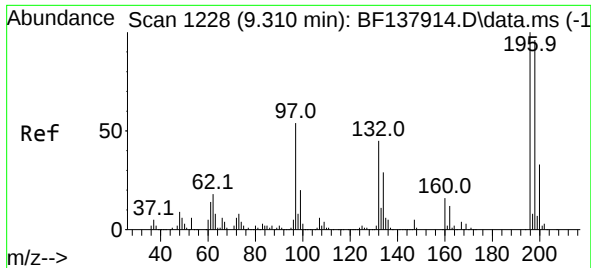
Tgt Ion:237 Resp: 416910
Ion Ratio Lower Upper
237 100
235 62.9 42.8 82.8
272 13.4 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 130.960 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion:330 Resp: 494258
Ion Ratio Lower Upper
330 100
332 96.0 75.8 113.8
141 26.9 23.8 35.6

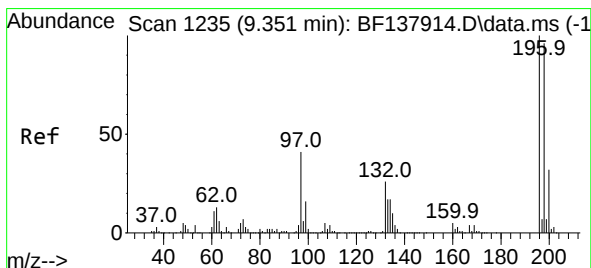
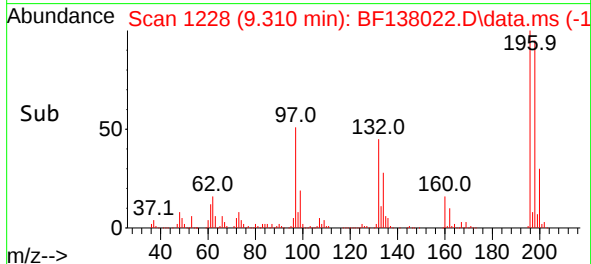
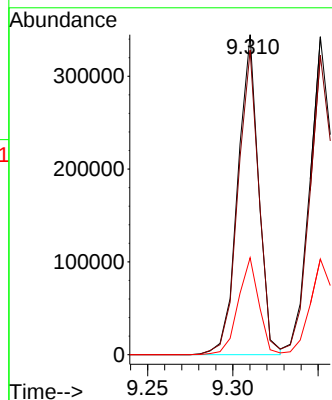
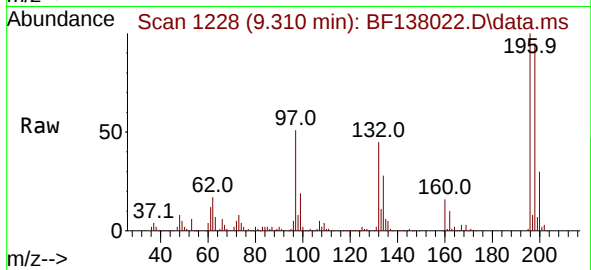




#43
2,4,6-Trichlorophenol
Concen: 43.697 ng
RT: 9.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

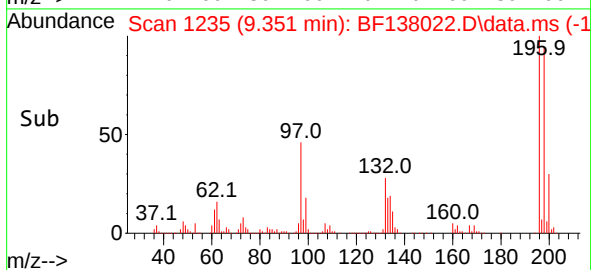
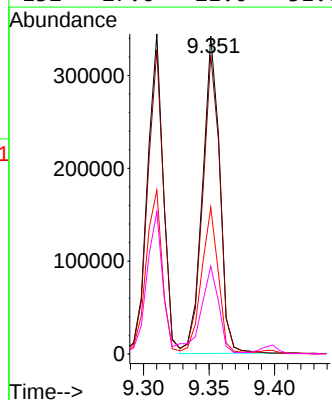
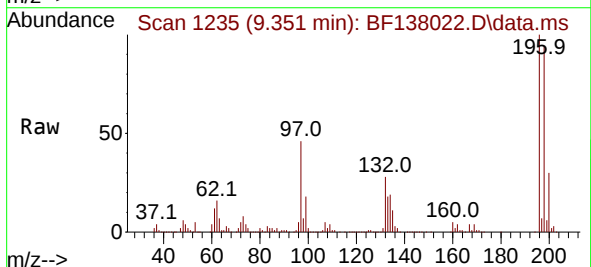
Instrument :
BNA_F
ClientSampleId :
PB161075BS

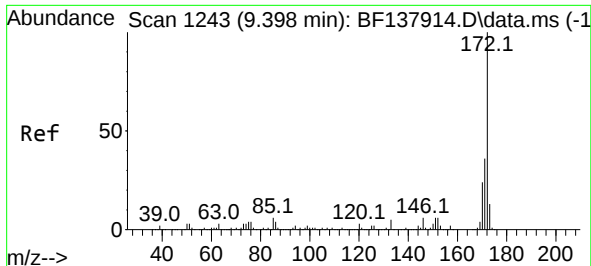
Tgt Ion:196 Resp: 291549
Ion Ratio Lower Upper
196 100
198 95.1 77.0 115.4
200 30.3 26.2 39.2



#44
2,4,5-Trichlorophenol
Concen: 42.743 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion:196 Resp: 312041
Ion Ratio Lower Upper
196 100
198 94.1 77.4 116.0
97 46.2 32.9 49.3
132 27.6 21.0 31.6





#45

2-Fluorobiphenyl

Concen: 75.243 ng

RT: 9.398 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

Instrument :

BNA_F

ClientSampleId :

PB161075BS

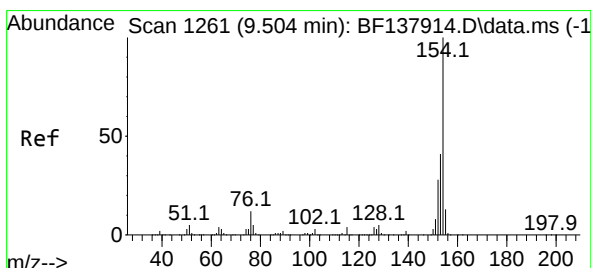
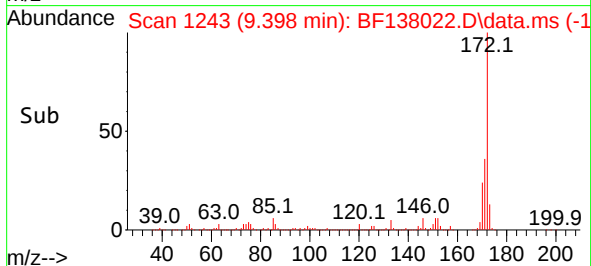
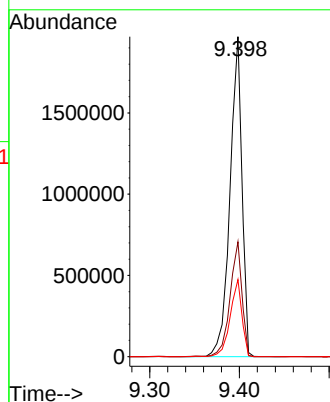
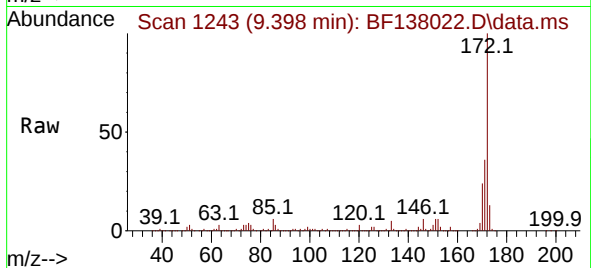
Tgt Ion:172 Resp: 1828348

Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

170 24.1 18.9 28.3



#46

1,1'-Biphenyl

Concen: 41.086 ng

RT: 9.498 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

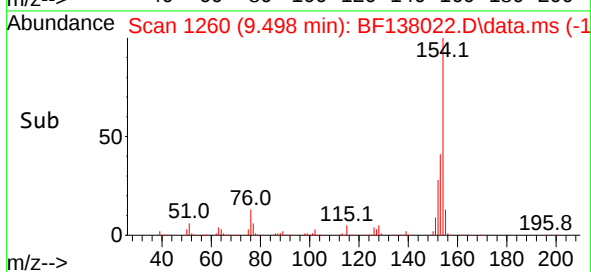
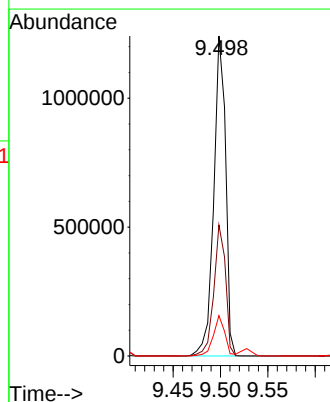
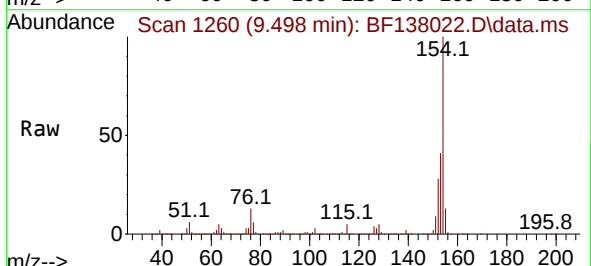
Tgt Ion:154 Resp: 1078635

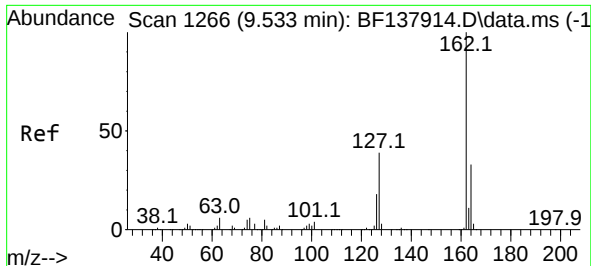
Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

76 12.6 0.0 31.9

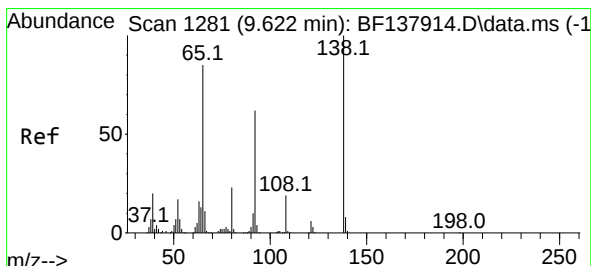
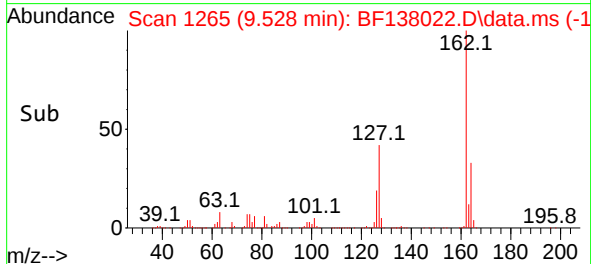
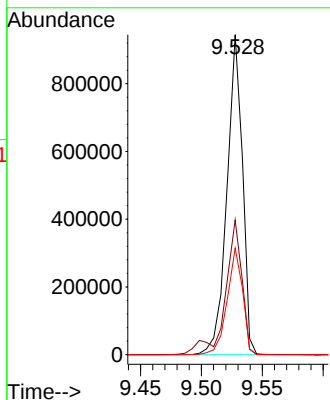
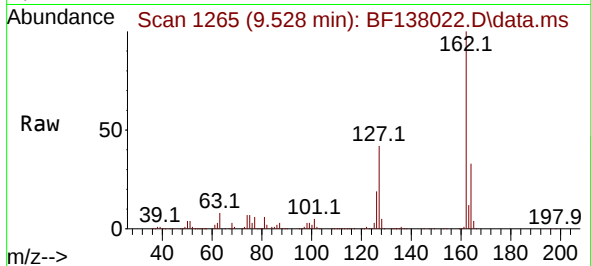




#47
2-Chloronaphthalene
Concen: 40.044 ng
RT: 9.528 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

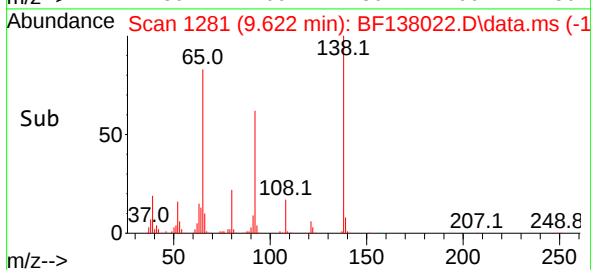
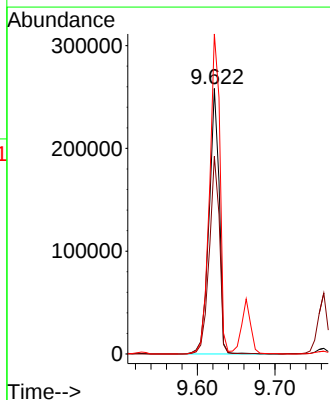
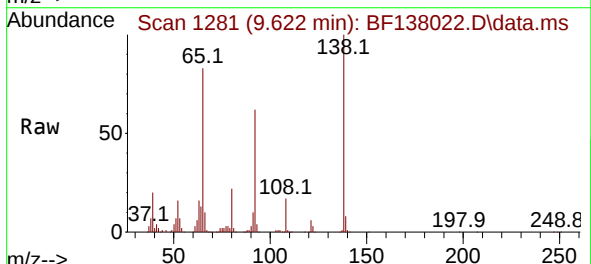
Instrument :
BNA_F
ClientSampleId :
PB161075BS

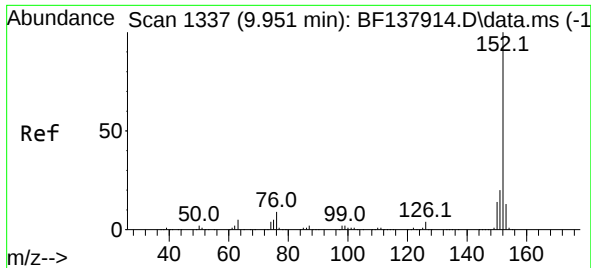
Tgt Ion:162 Resp: 839204
Ion Ratio Lower Upper
162 100
127 42.1 32.0 48.0
164 33.3 26.2 39.4



#48
2-Nitroaniline
Concen: 43.735 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion: 65 Resp: 234704
Ion Ratio Lower Upper
65 100
92 74.4 58.6 88.0
138 120.5 94.1 141.1





#49

Acenaphthylene

Concen: 44.094 ng

RT: 9.951 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

Instrument :

BNA_F

ClientSampleId :

PB161075BS

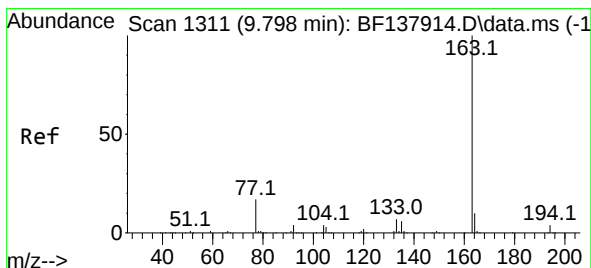
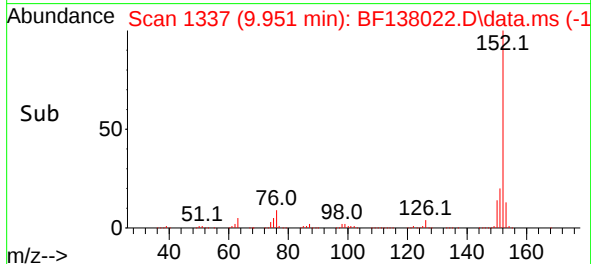
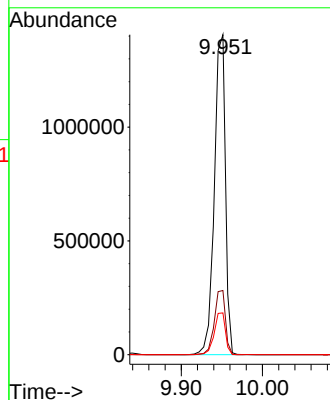
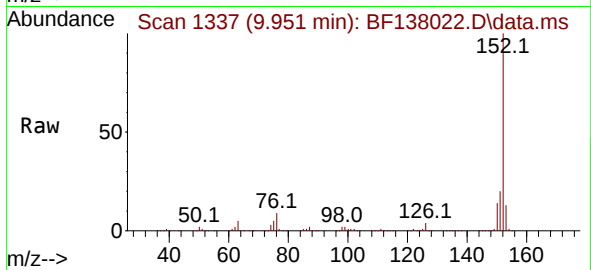
Tgt Ion:152 Resp: 1328704

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

153 13.0 10.2 15.4



#50

Dimethylphthalate

Concen: 43.242 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

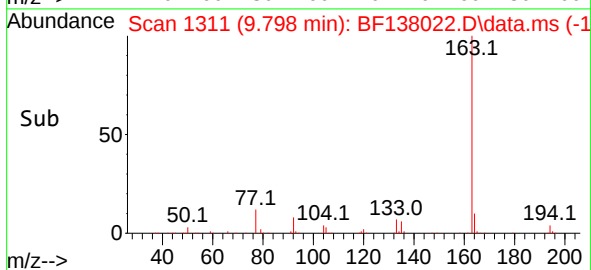
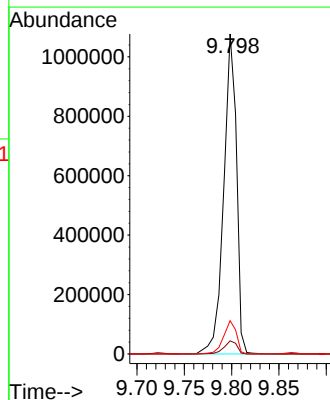
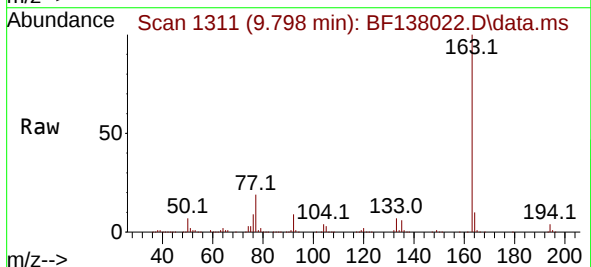
Tgt Ion:163 Resp: 1014960

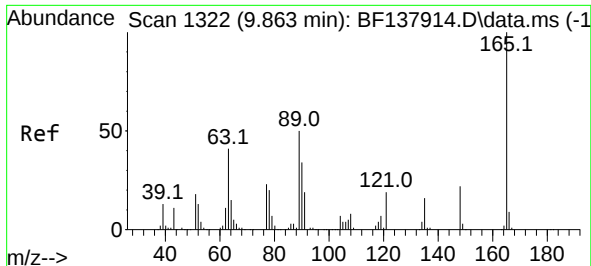
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.4 8.0 12.0

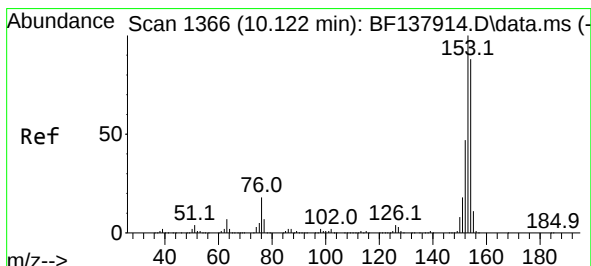
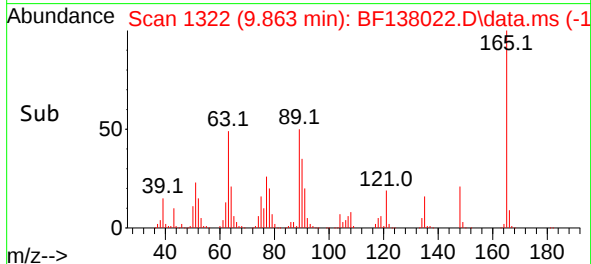
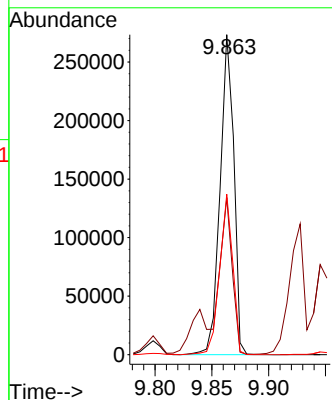
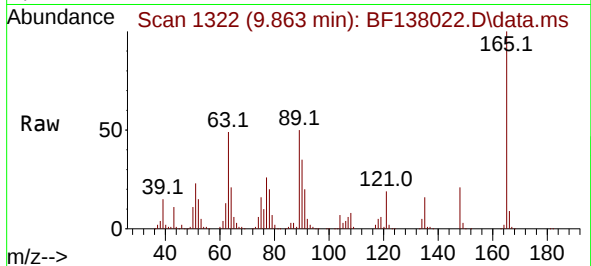




#51
2,6-Dinitrotoluene
Concen: 42.750 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

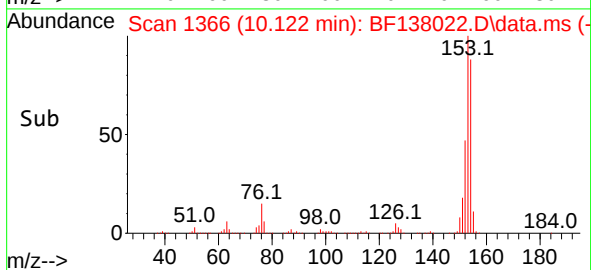
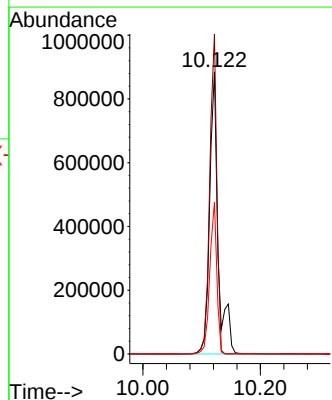
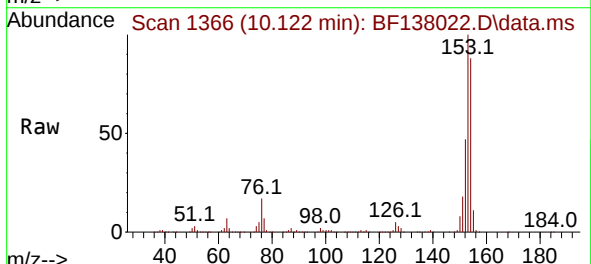
Instrument :
BNA_F
ClientSampleId :
PB161075BS

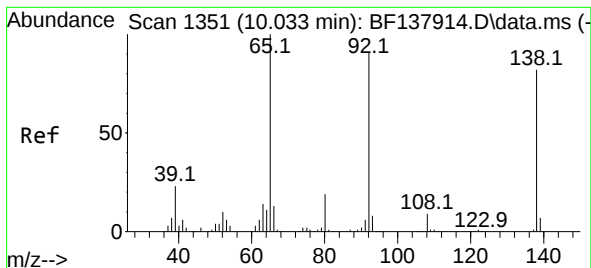
Tgt Ion:165 Resp: 230299
Ion Ratio Lower Upper
165 100
63 49.1 38.9 58.3
89 50.1 40.4 60.6



#52
Acenaphthene
Concen: 45.096 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion:154 Resp: 898156
Ion Ratio Lower Upper
154 100
153 113.4 90.4 135.6
152 53.9 42.3 63.5

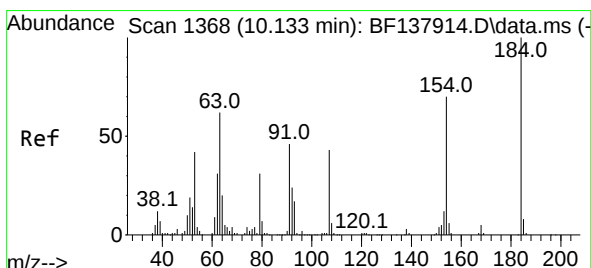
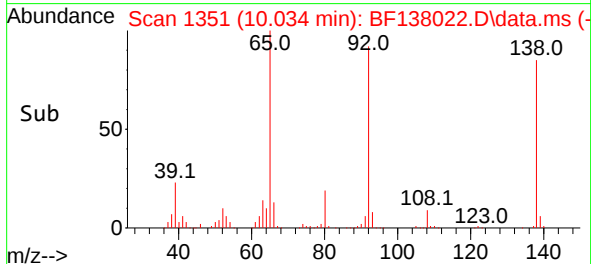
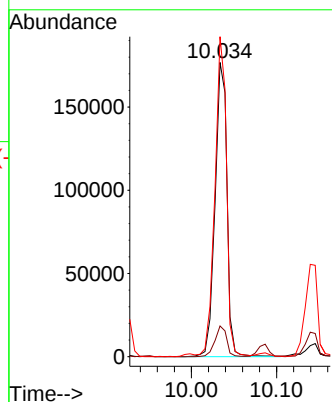
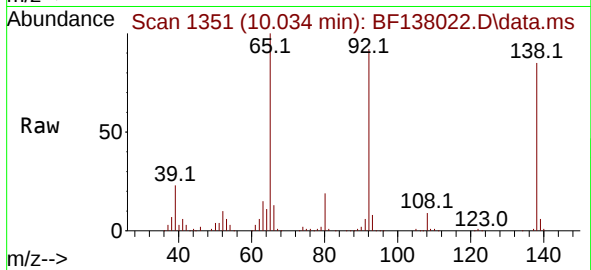




#53
3-Nitroaniline
Concen: 32.740 ng
RT: 10.034 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

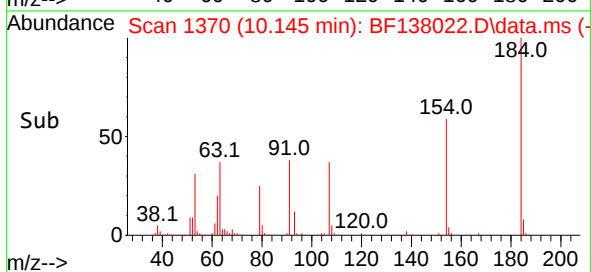
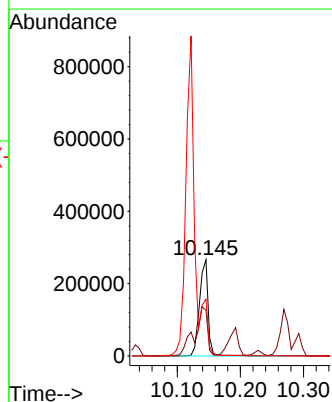
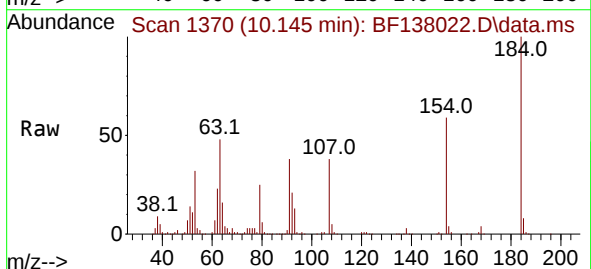
Instrument :
BNA_F
ClientSampleId :
PB161075BS

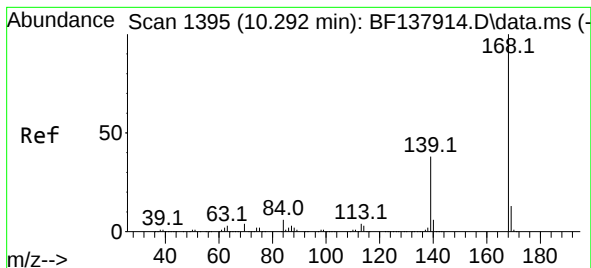
Tgt Ion:138 Resp: 172422
Ion Ratio Lower Upper
138 100
108 10.5 8.8 13.2
92 108.8 88.6 133.0



#54
2,4-Dinitrophenol
Concen: 86.036 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.012 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion:184 Resp: 252069
Ion Ratio Lower Upper
184 100
63 47.6 50.4 75.6#
154 58.9 63.7 95.5#





#55

Dibenzenofuran

Concen: 41.949 ng

RT: 10.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

Instrument :

BNA_F

ClientSampleId :

PB161075BS

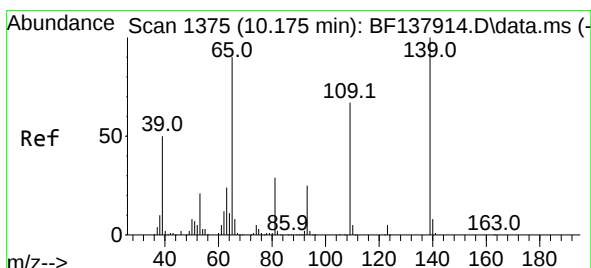
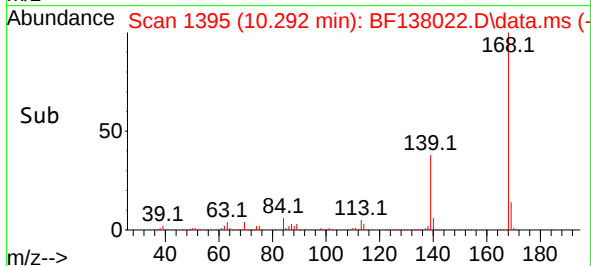
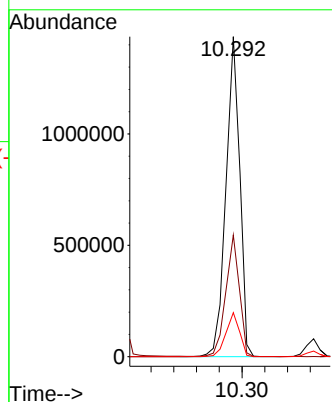
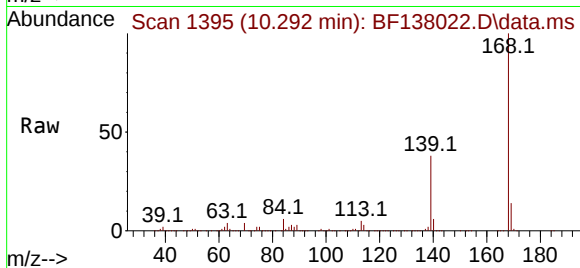
Tgt Ion:168 Resp: 1215891

Ion Ratio Lower Upper

168 100

139 38.0 30.4 45.6

169 13.8 10.5 15.7



#56

4-Nitrophenol

Concen: 90.982 ng

RT: 10.192 min Scan# 1378

Delta R.T. 0.018 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

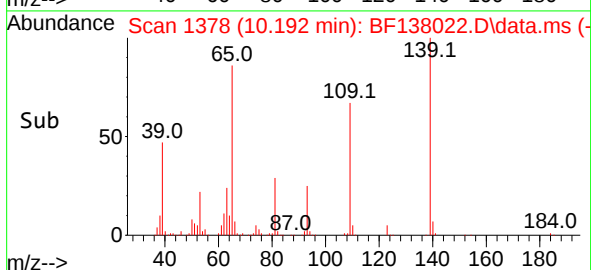
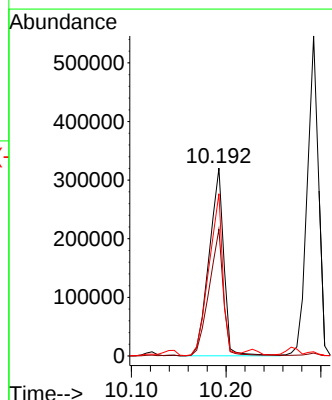
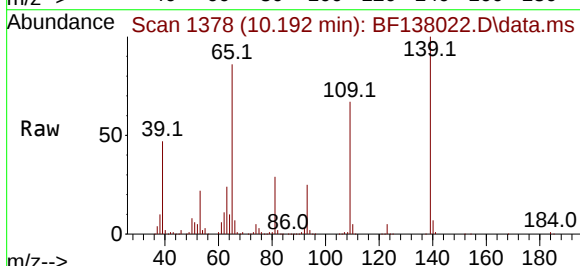
Tgt Ion:139 Resp: 344145

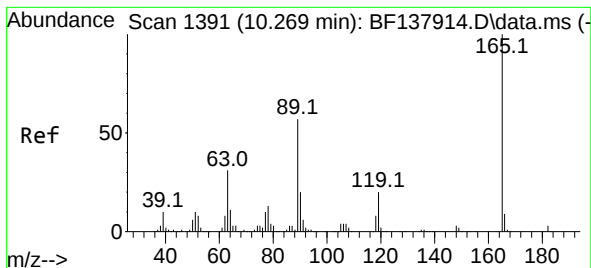
Ion Ratio Lower Upper

139 100

109 67.5 46.5 86.5

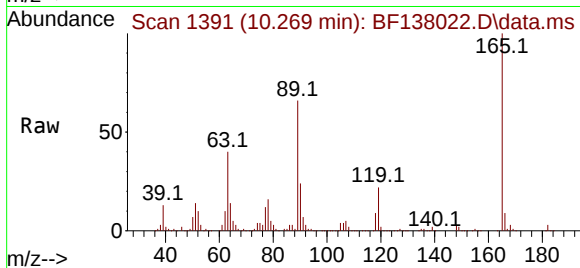
65 86.4 70.4 110.4



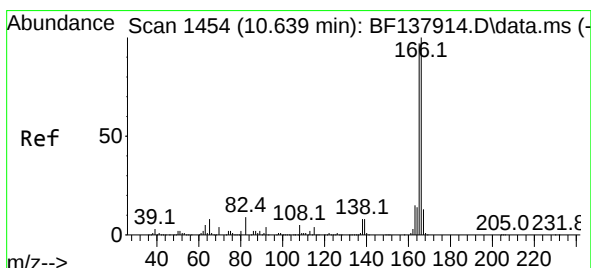
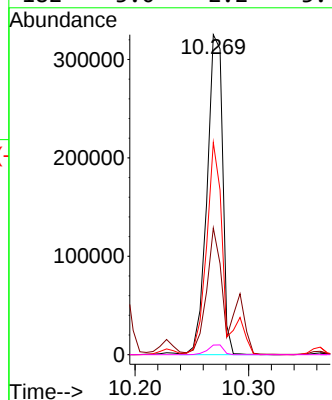
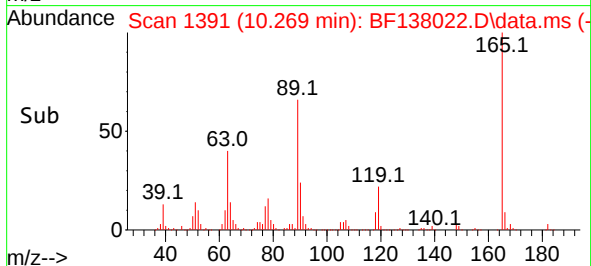


#57
2,4-Dinitrotoluene
Concen: 44.424 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

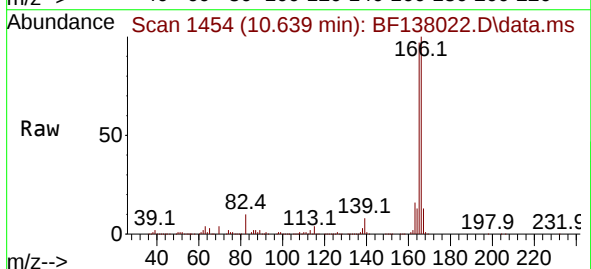
Instrument :
BNA_F
ClientSampleId :
PB161075BS



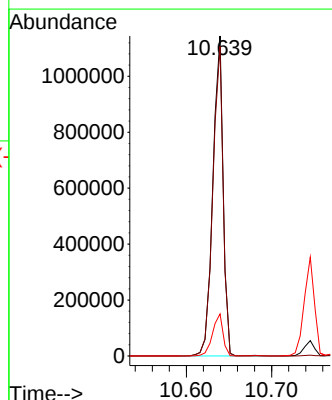
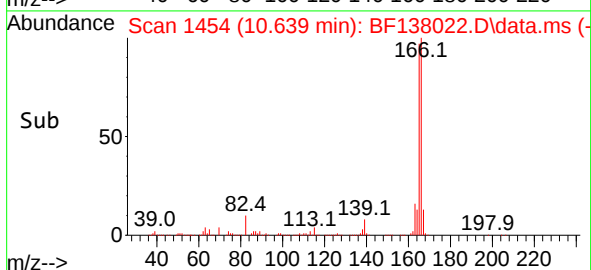
Tgt Ion:165 Resp: 309380
Ion Ratio Lower Upper
165 100
63 39.6 25.3 37.9#
89 66.3 45.9 68.9
182 3.0 2.2 3.4

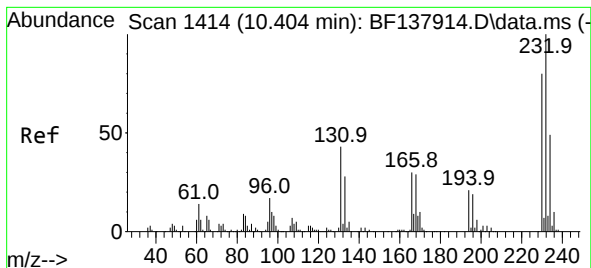


#58
Fluorene
Concen: 41.830 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21



Tgt Ion:166 Resp: 959015
Ion Ratio Lower Upper
166 100
165 96.8 77.8 116.8
167 13.1 10.4 15.6

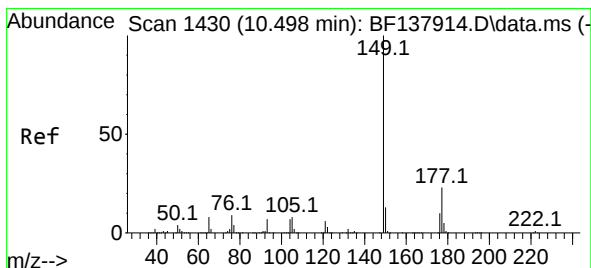
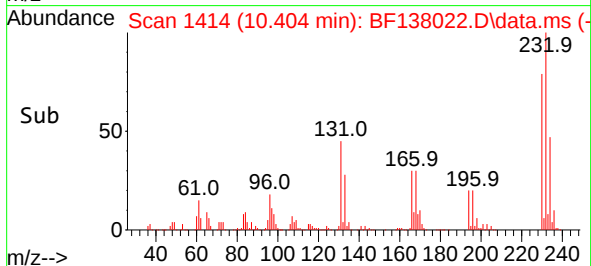
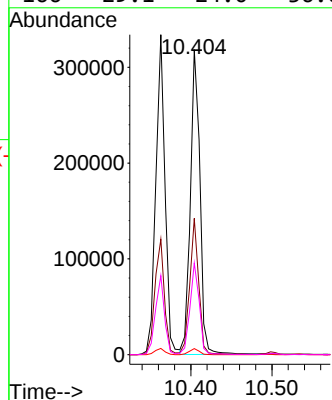
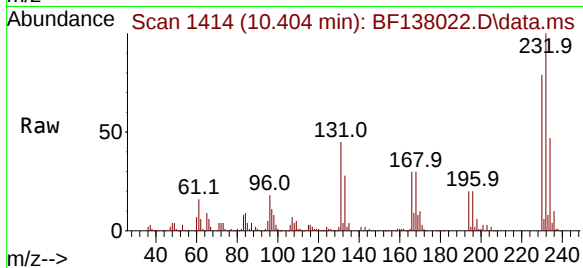




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.455 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

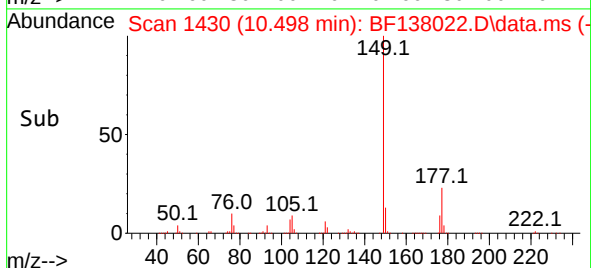
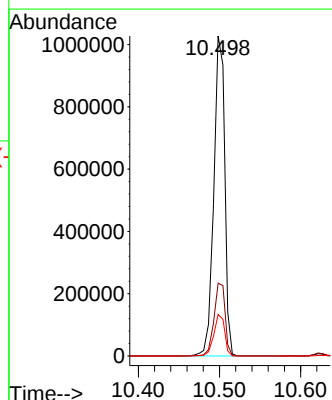
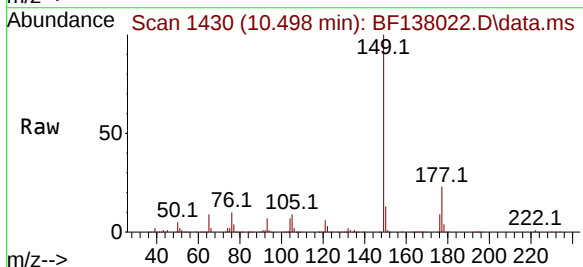
Instrument :
BNA_F
ClientSampleId :
PB161075BS

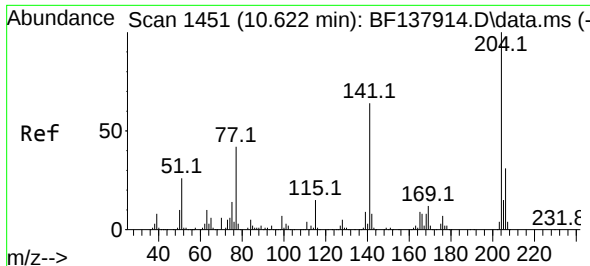
Tgt Ion:232 Resp: 260685
Ion Ratio Lower Upper
232 100
131 42.0 34.4 51.6
130 2.0 1.7 2.5
166 29.1 24.0 36.0



#60
Diethylphthalate
Concen: 43.766 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion:149 Resp: 959411
Ion Ratio Lower Upper
149 100
177 22.8 18.4 27.6
150 12.9 10.1 15.1

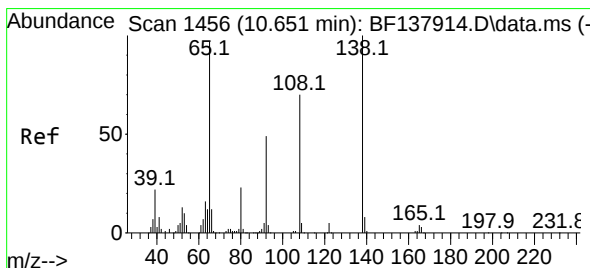
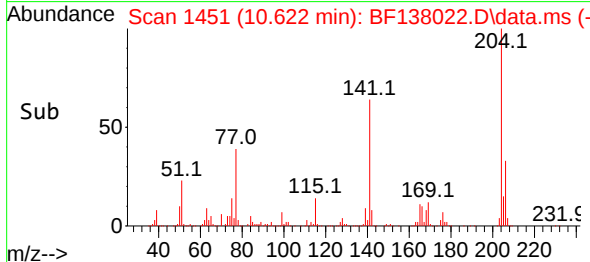
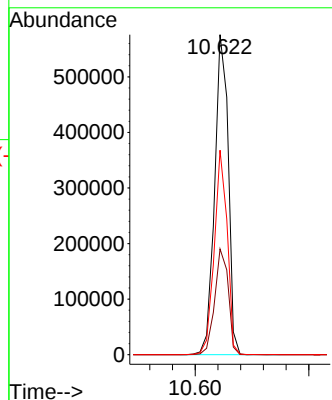
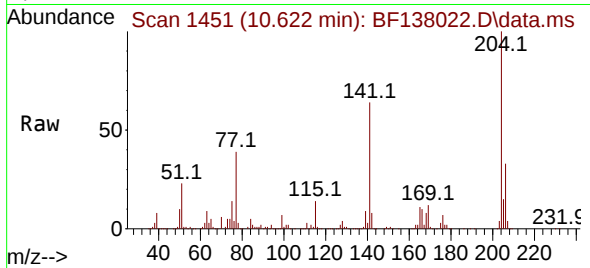




#61
4-Chlorophenyl-phenylether
Concen: 42.243 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

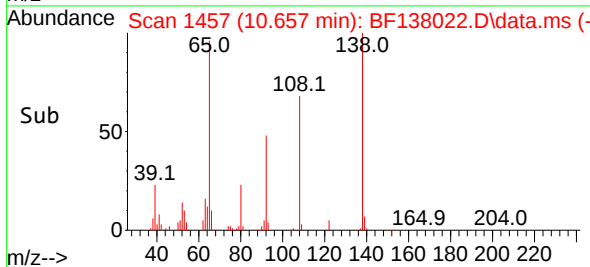
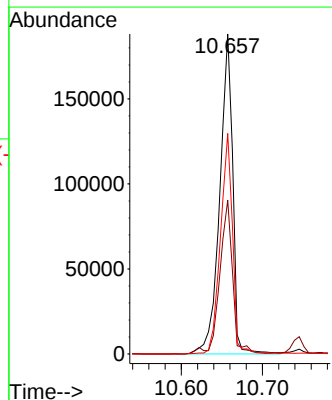
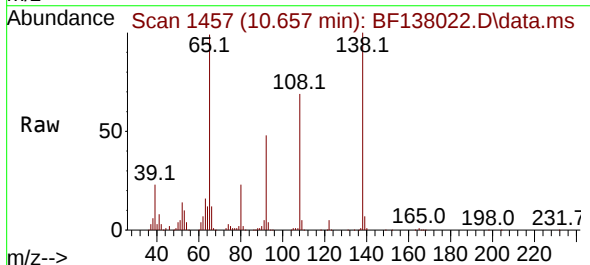
Instrument :
BNA_F
ClientSampleId :
PB161075BS

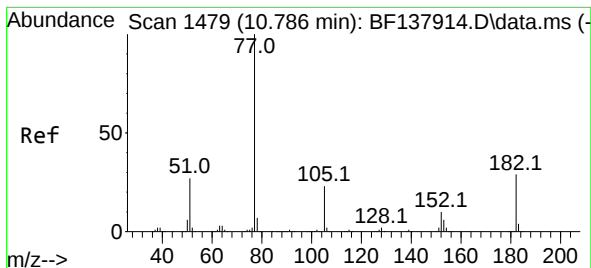
Tgt Ion:204 Resp: 477601
Ion Ratio Lower Upper
204 100
206 33.0 25.1 37.7
141 63.9 51.0 76.6



#62
4-Nitroaniline
Concen: 41.965 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion:138 Resp: 209622
Ion Ratio Lower Upper
138 100
92 48.1 29.0 69.0
108 68.9 49.7 89.7





#63

Azobenzene

Concen: 43.012 ng

RT: 10.786 min Scan# 1479

Delta R.T. 0.000 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

Instrument :

BNA_F

ClientSampleId :

PB161075BS

Tgt Ion: 77 Resp: 857635

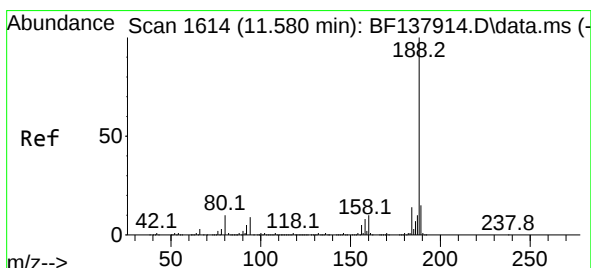
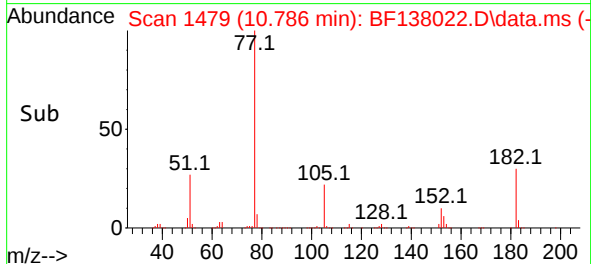
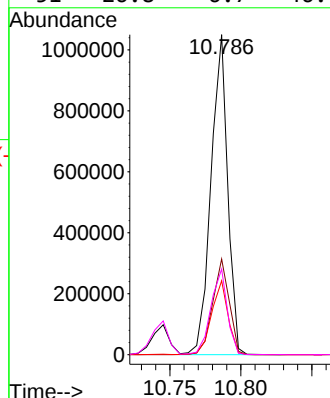
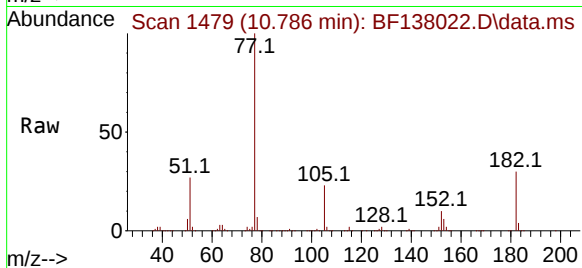
Ion Ratio Lower Upper

77 100

182 29.9 9.2 49.2

105 23.1 3.1 43.1

51 26.8 6.7 46.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.581 min Scan# 1614

Delta R.T. 0.000 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

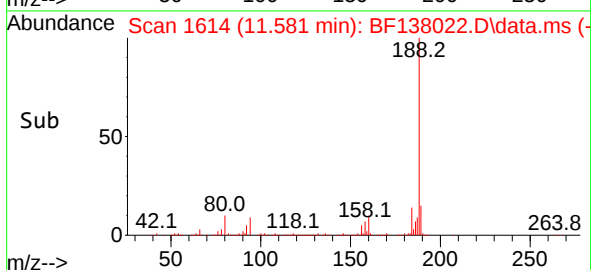
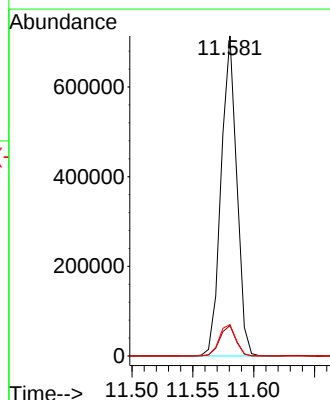
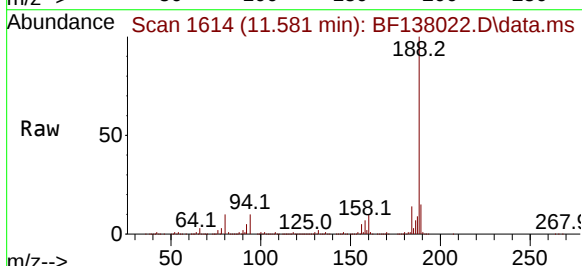
Tgt Ion:188 Resp: 639931

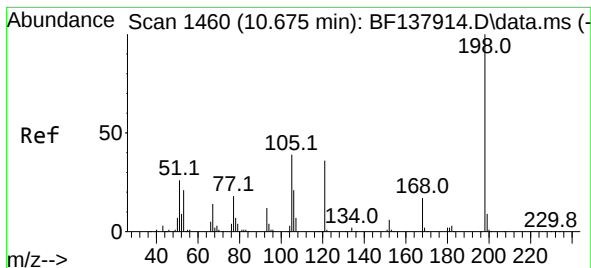
Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

80 9.8 7.7 11.5

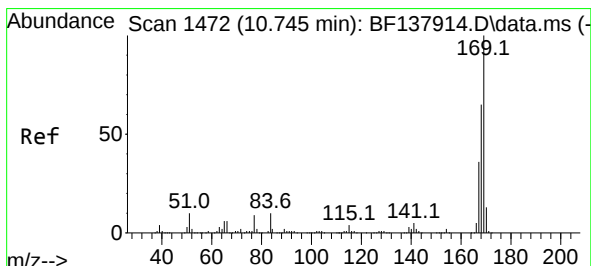
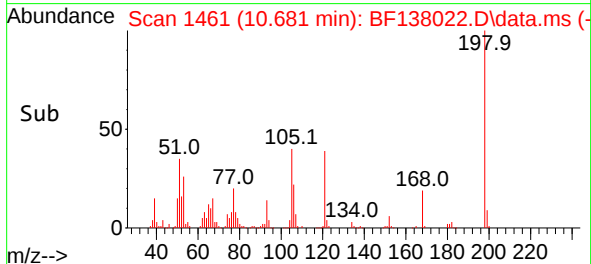
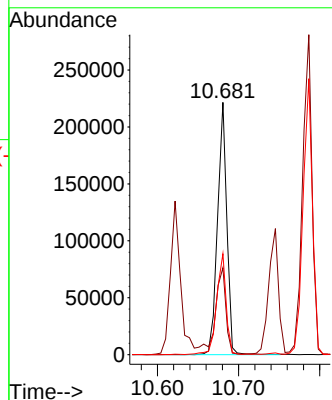
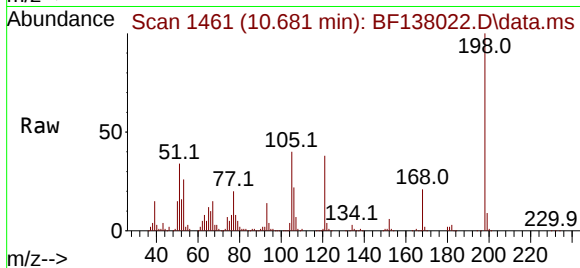




#65
4,6-Dinitro-2-methylphenol
Concen: 47.689 ng
RT: 10.681 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

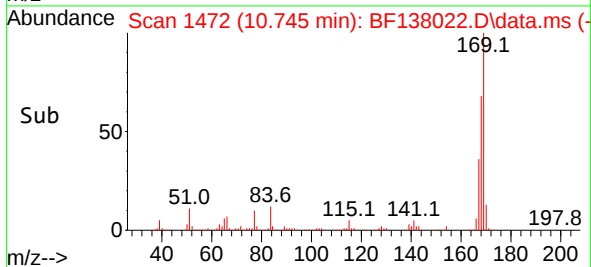
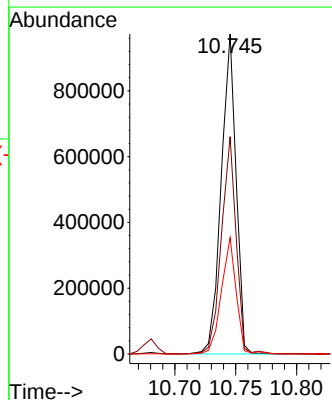
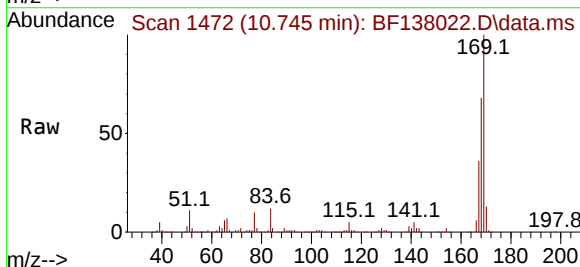
Instrument :
BNA_F
ClientSampleId :
PB161075BS

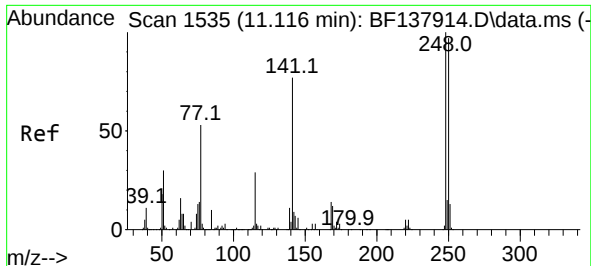
Tgt Ion:198 Resp: 176210
Ion Ratio Lower Upper
198 100
51 34.5 13.8 53.8
105 40.0 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 42.284 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion:169 Resp: 829814
Ion Ratio Lower Upper
169 100
168 67.9 52.4 78.6
167 36.3 28.9 43.3

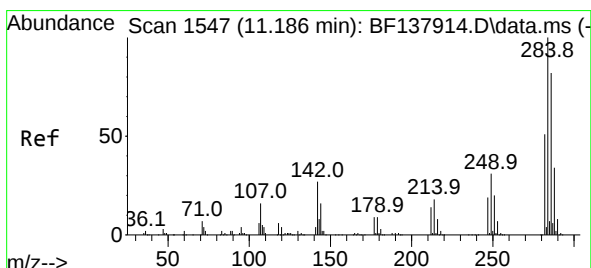
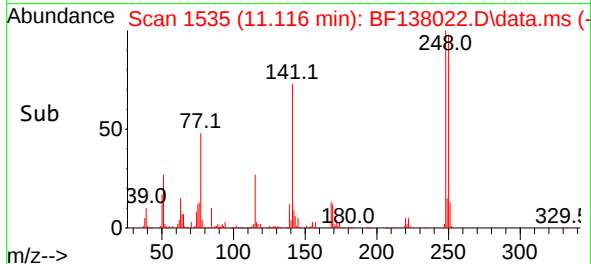
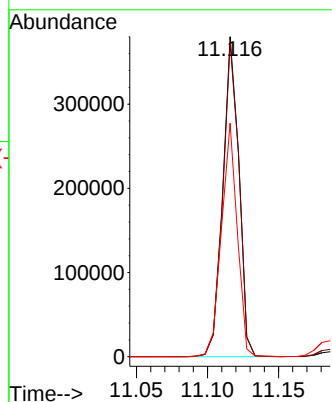
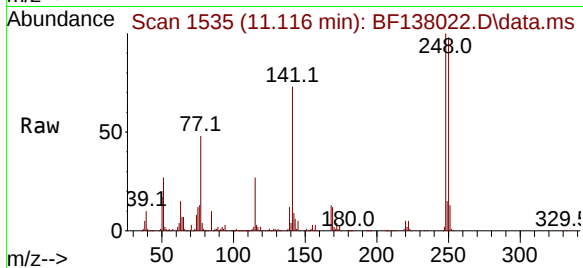




#67
4-Bromophenyl-phenylether
Concen: 42.705 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

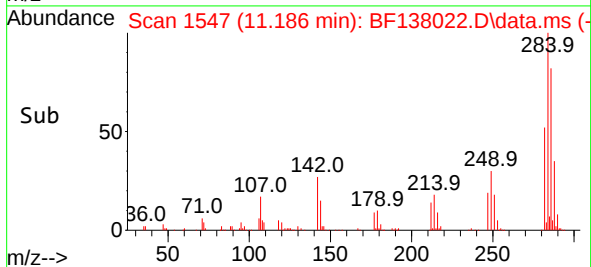
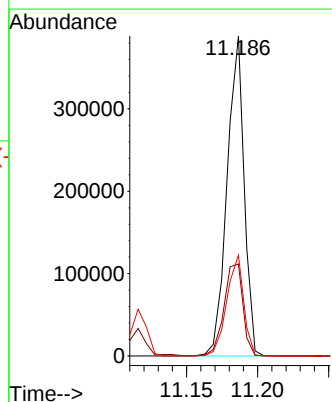
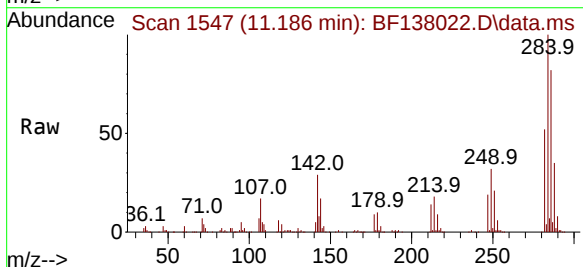
Instrument :
BNA_F
ClientSampleId :
PB161075BS

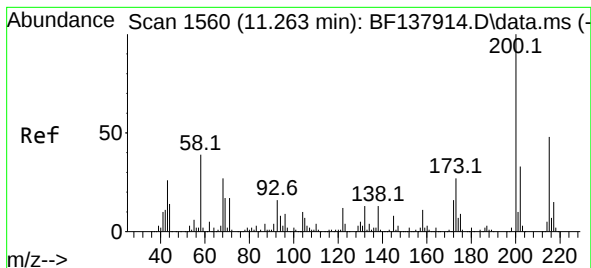
Tgt Ion:248 Resp: 299592
Ion Ratio Lower Upper
248 100
250 98.1 77.6 116.4
141 72.9 61.4 92.2



#68
Hexachlorobenzene
Concen: 41.877 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion:284 Resp: 324748
Ion Ratio Lower Upper
284 100
142 28.8 21.3 31.9
249 31.5 24.6 37.0





#69

Atrazine

Concen: 53.363 ng

RT: 11.269 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

Instrument :

BNA_F

ClientSampleId :

PB161075BS

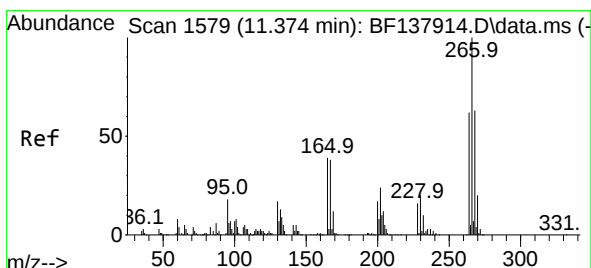
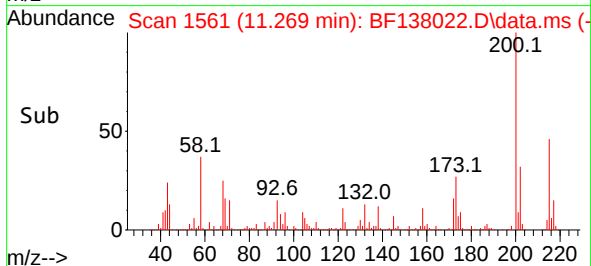
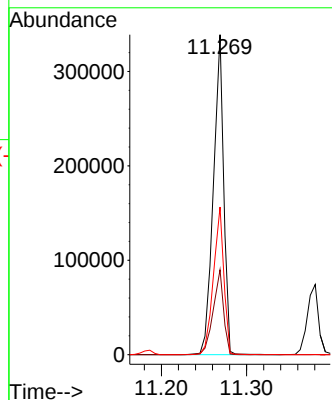
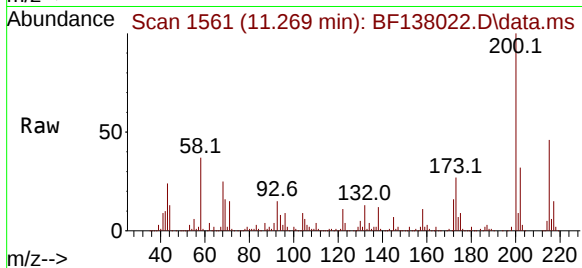
Tgt Ion:200 Resp: 285965

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

215 46.2 27.5 67.5



#70

Pentachlorophenol

Concen: 85.434 ng

RT: 11.381 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

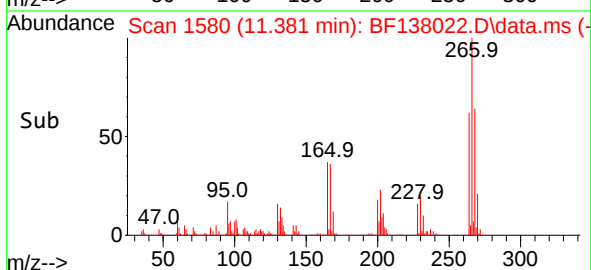
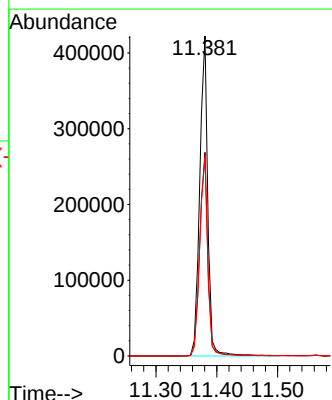
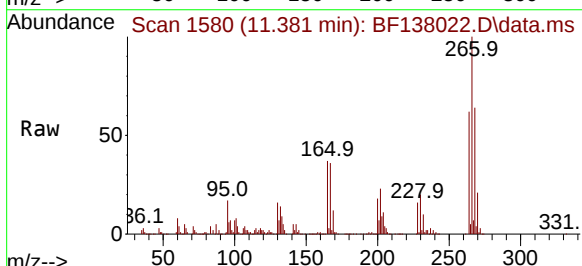
Tgt Ion:266 Resp: 388084

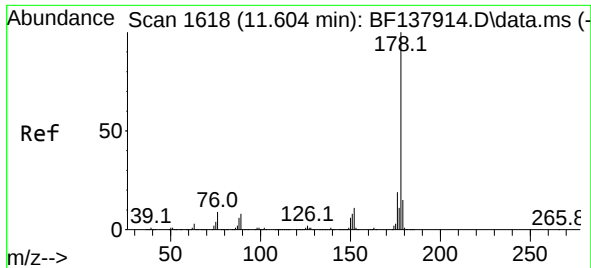
Ion Ratio Lower Upper

266 100

268 63.7 50.1 75.1

264 62.1 49.4 74.2

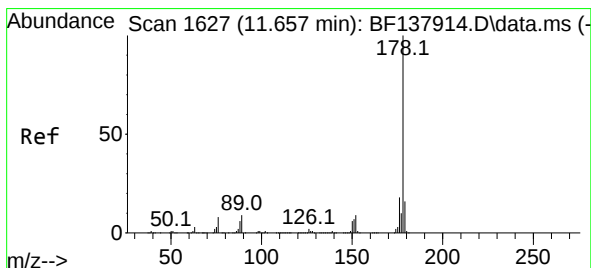
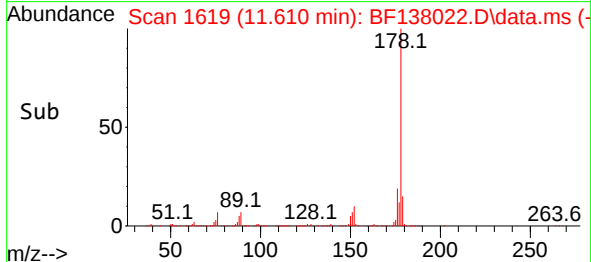
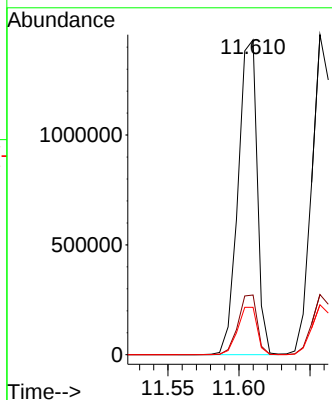
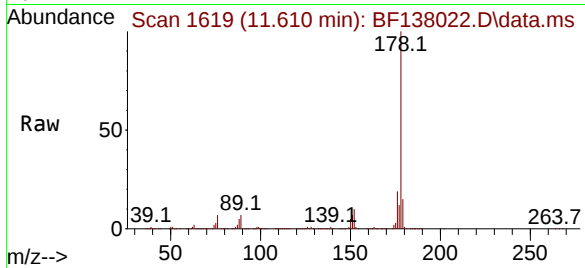




#71
Phenanthrene
Concen: 42.582 ng
RT: 11.610 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

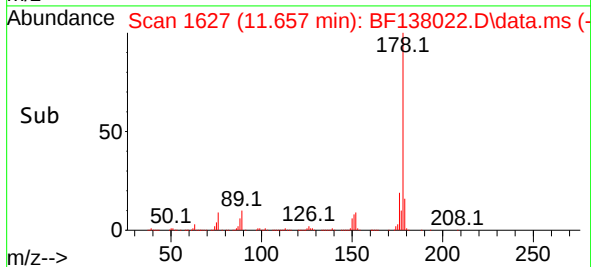
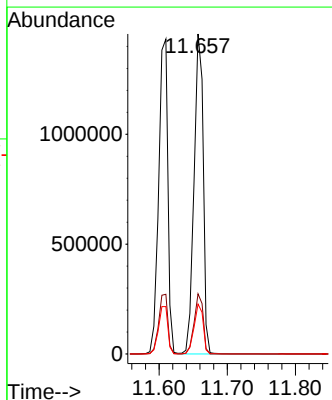
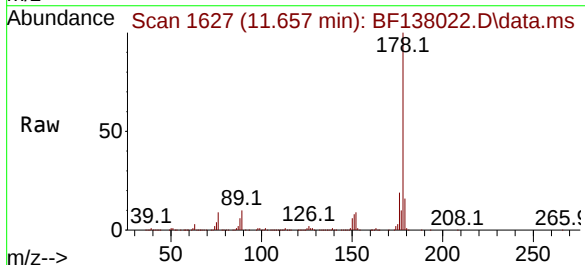
Instrument :
BNA_F
ClientSampleId :
PB161075BS

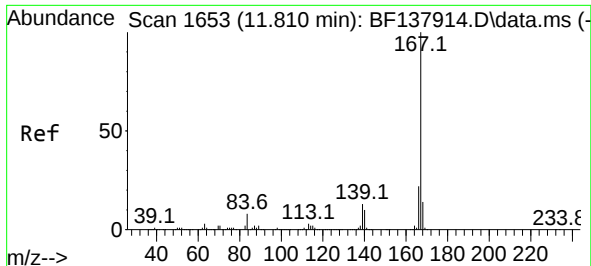
Tgt Ion:178 Resp: 1342822
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.1 12.2 18.4



#72
Anthracene
Concen: 43.430 ng
RT: 11.657 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion:178 Resp: 1358857
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.6 12.4 18.6



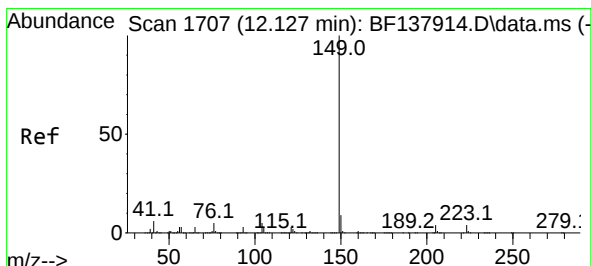
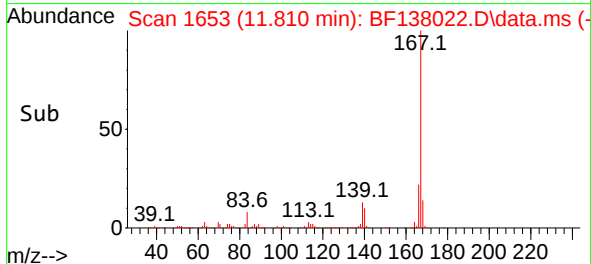
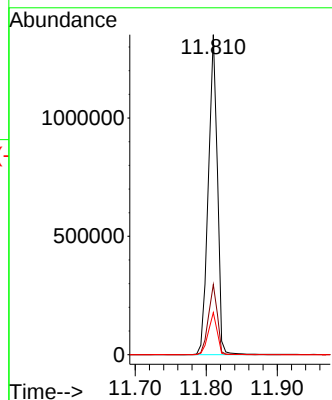
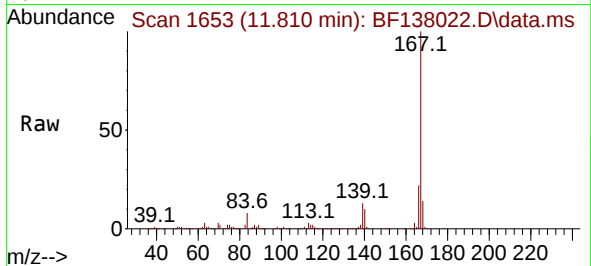


#73
 Carbazole
 Concen: 42.123 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. 0.000 min
 Lab File: BF138022.D
 Acq: 23 May 2024 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB161075BS

Tgt Ion:167 Resp: 1203968

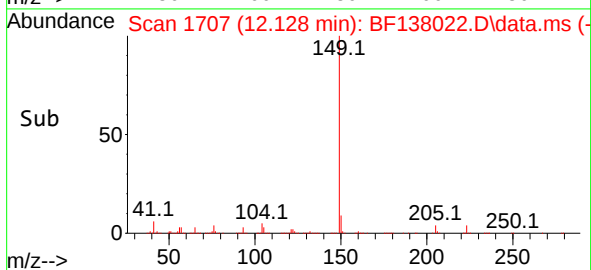
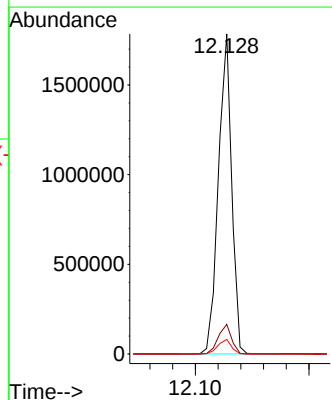
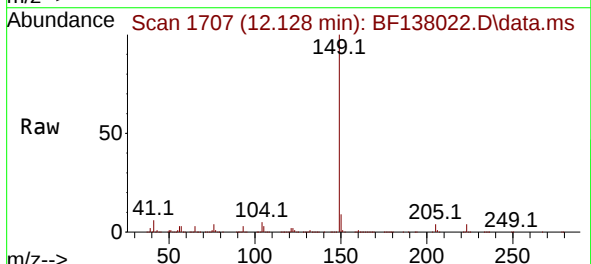
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	13.2	10.3	15.5

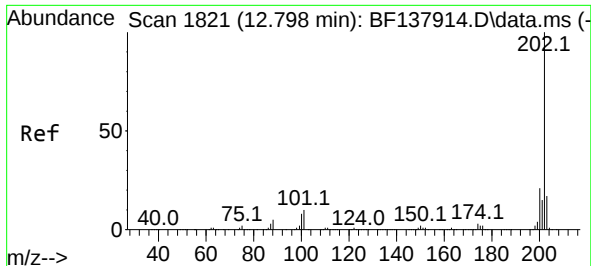


#74
 Di-n-butylphthalate
 Concen: 45.734 ng
 RT: 12.128 min Scan# 1707
 Delta R.T. 0.000 min
 Lab File: BF138022.D
 Acq: 23 May 2024 12:21

Tgt Ion:149 Resp: 1450693

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.5	3.6	5.4

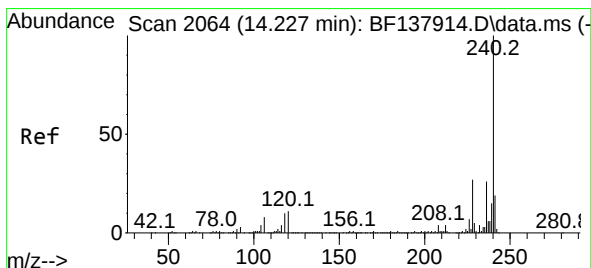
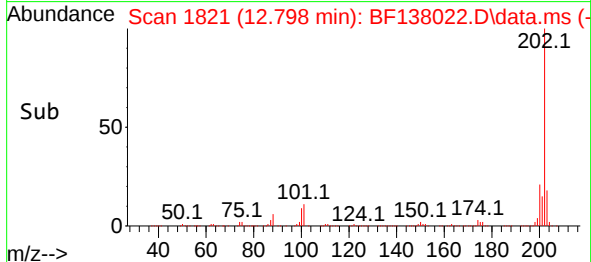
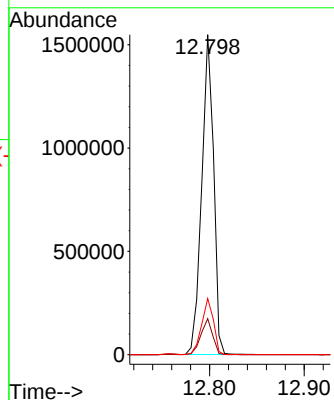
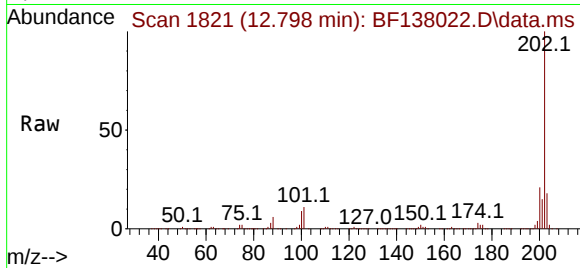




#75
Fluoranthene
Concen: 42.064 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

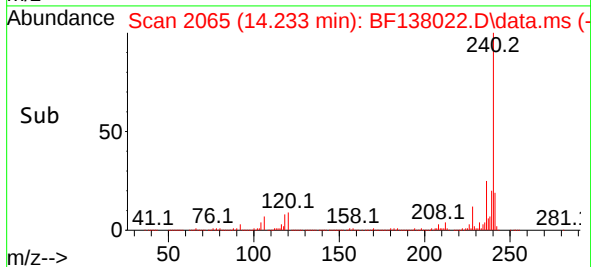
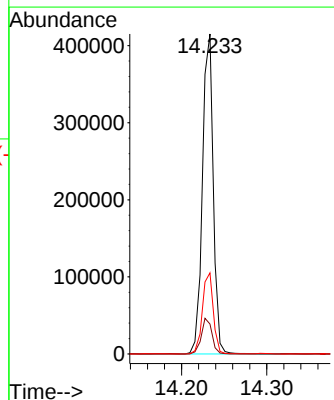
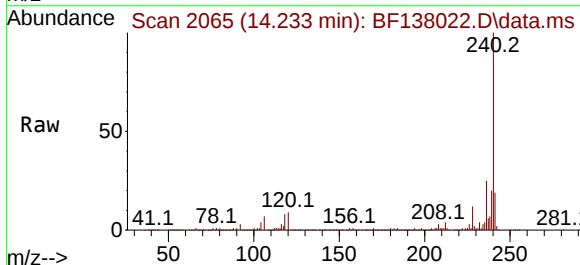
Instrument :
BNA_F
ClientSampleId :
PB161075BS

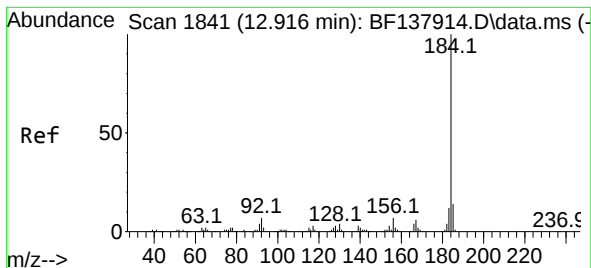
Tgt Ion:202 Resp: 1346418
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.5
203 17.5 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion:240 Resp: 366851
Ion Ratio Lower Upper
240 100
120 9.4 8.9 13.3
236 25.4 21.0 31.4





#77

Benzidine

Concen: 19.757 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

Instrument :

BNA_F

ClientSampleId :

PB161075BS

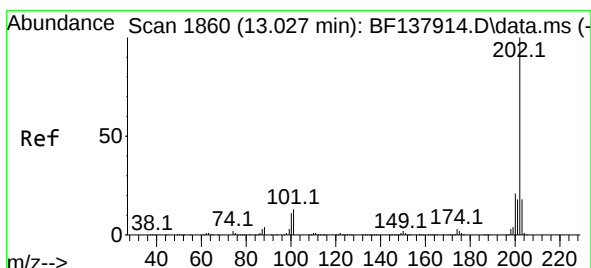
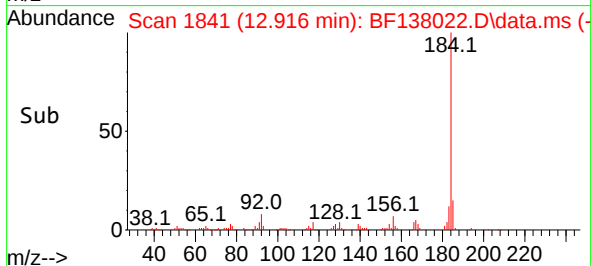
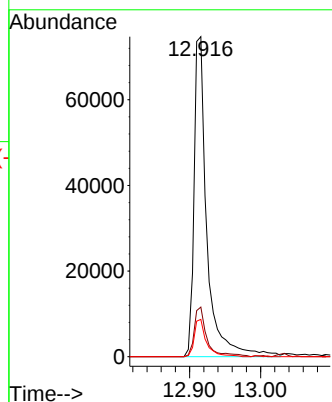
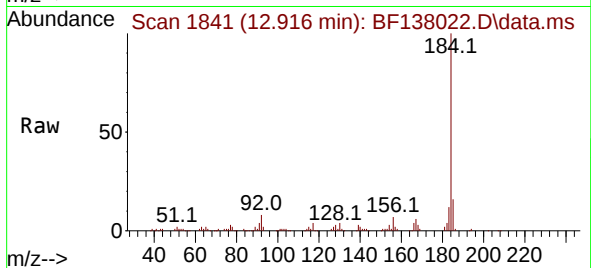
Tgt Ion:184 Resp: 94724

Ion Ratio Lower Upper

184 100

185 15.5 11.4 17.2

183 11.6 9.5 14.3



#78

Pyrene

Concen: 42.258 ng

RT: 13.033 min Scan# 1861

Delta R.T. 0.006 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

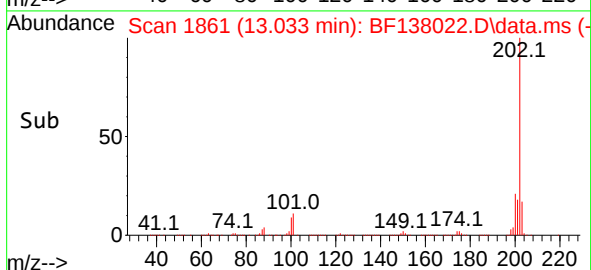
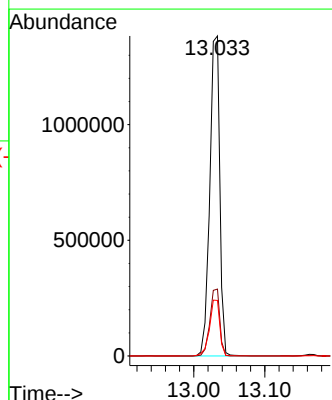
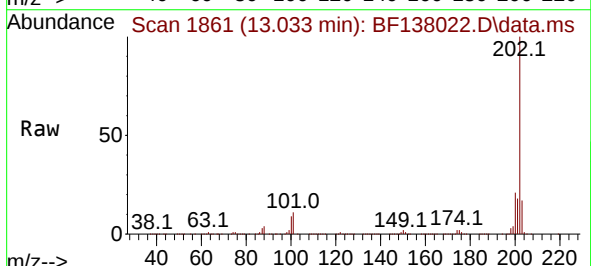
Tgt Ion:202 Resp: 1355906

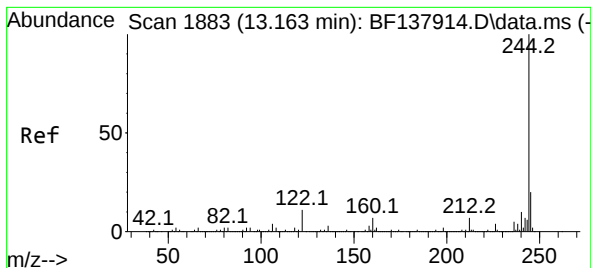
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 81.805 ng

RT: 13.169 min Scan# 1883

Delta R.T. 0.006 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

Instrument :

BNA_F

ClientSampleId :

PB161075BS

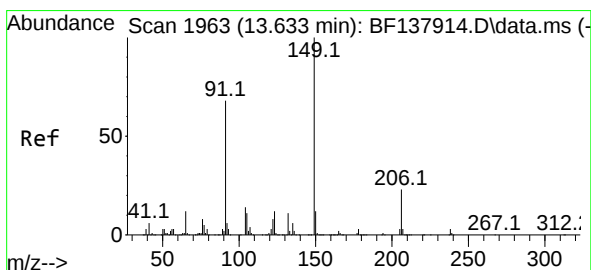
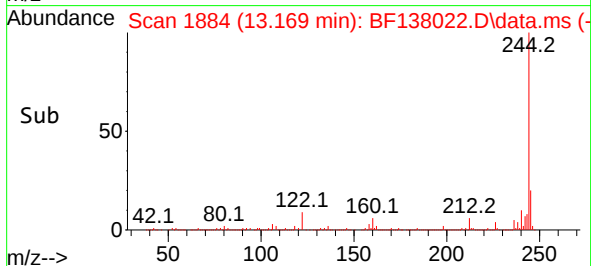
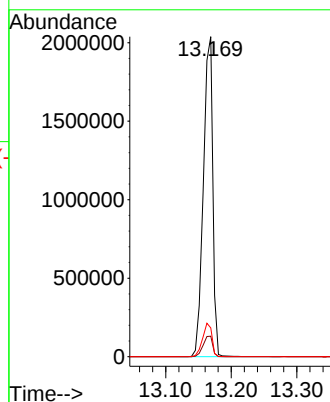
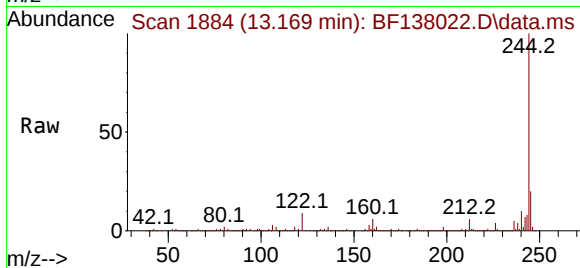
Tgt Ion:244 Resp: 2036257

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

122 9.0 8.8 13.2



#80

Butylbenzylphthalate

Concen: 51.605 ng

RT: 13.633 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

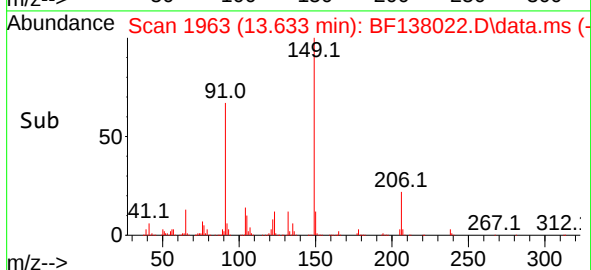
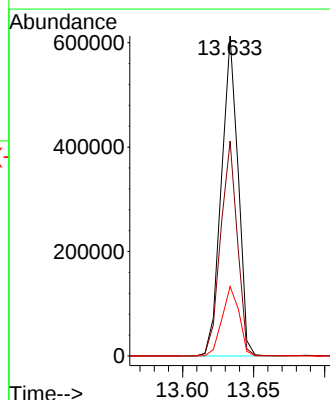
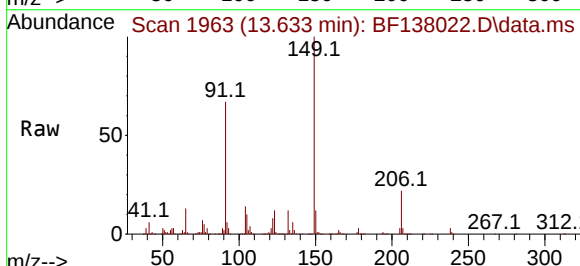
Tgt Ion:149 Resp: 499444

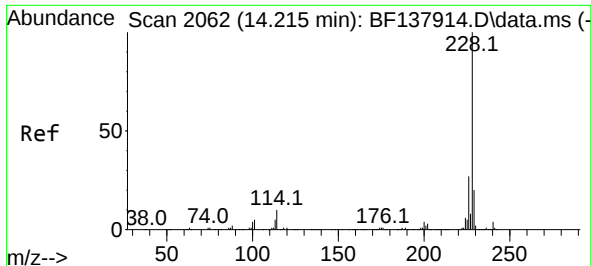
Ion Ratio Lower Upper

149 100

91 67.2 54.2 81.4

206 21.7 18.1 27.1

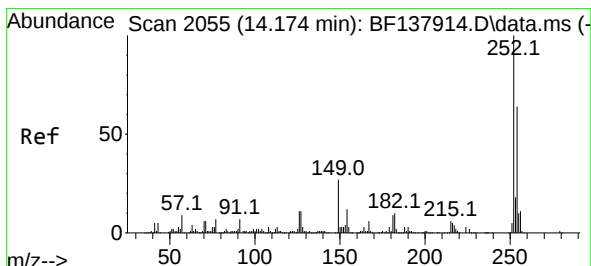
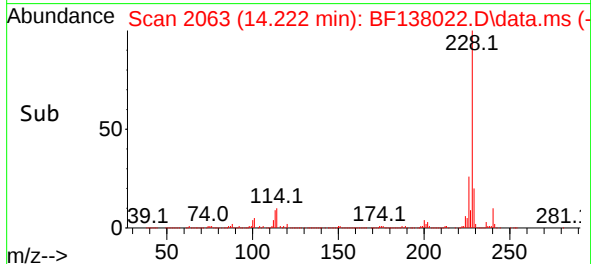
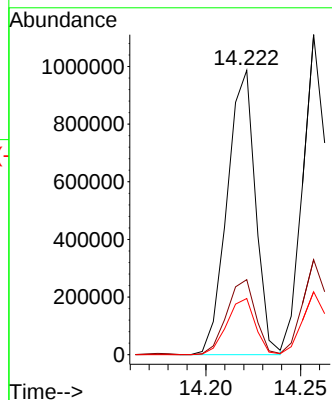
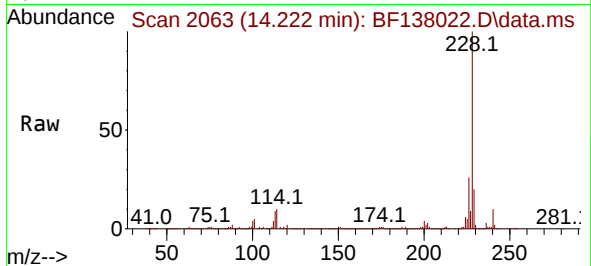




#81
Benzo(a)anthracene
Concen: 44.203 ng
RT: 14.222 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

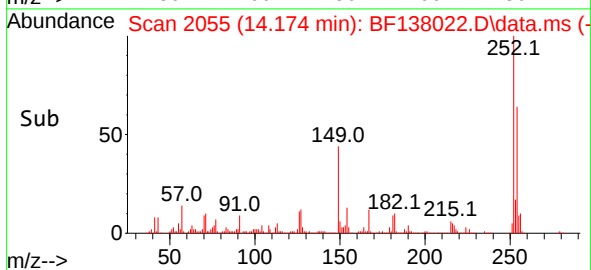
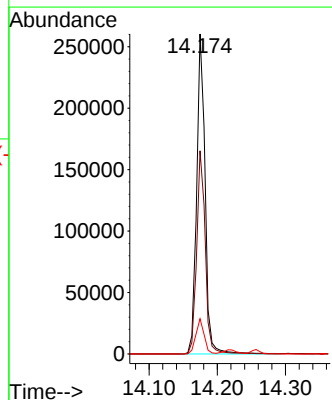
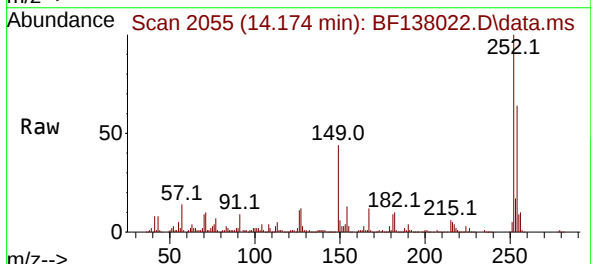
Instrument :
BNA_F
ClientSampleId :
PB161075BS

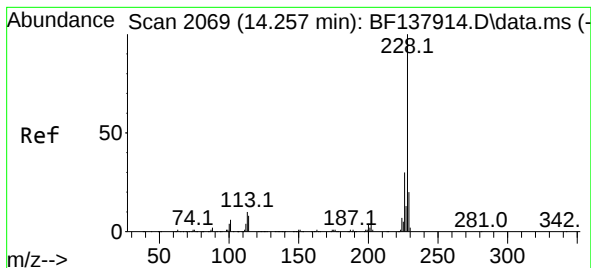
Tgt Ion:228 Resp: 1025927
Ion Ratio Lower Upper
228 100
226 26.4 21.3 31.9
229 19.8 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 34.847 ng
RT: 14.174 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BF138022.D
Acq: 23 May 2024 12:21

Tgt Ion:252 Resp: 224136
Ion Ratio Lower Upper
252 100
254 63.5 51.2 76.8
126 11.0 8.7 13.1





#83

Chrysene

Concen: 42.586 ng

RT: 14.257 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

Instrument :

BNA_F

ClientSampleId :

PB161075BS

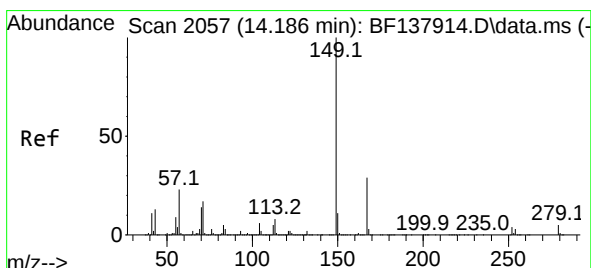
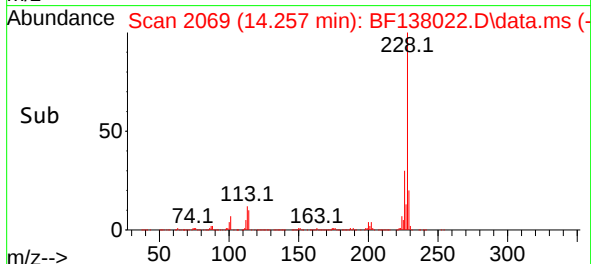
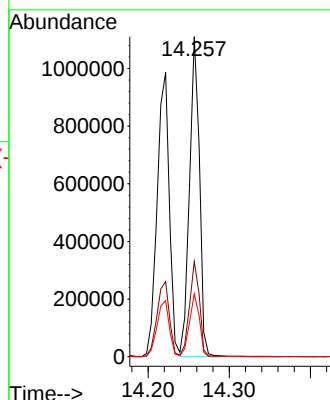
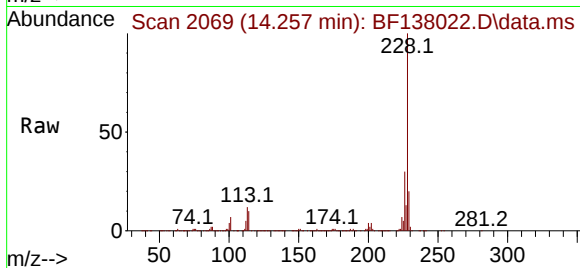
Tgt Ion:228 Resp: 945267

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.8

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.188 ng

RT: 14.186 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

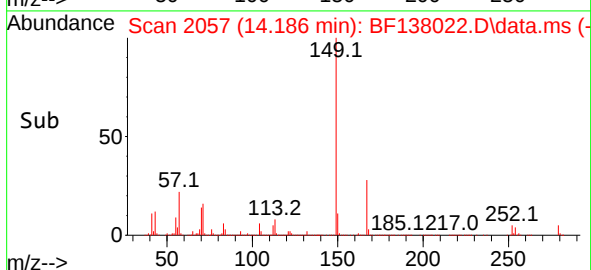
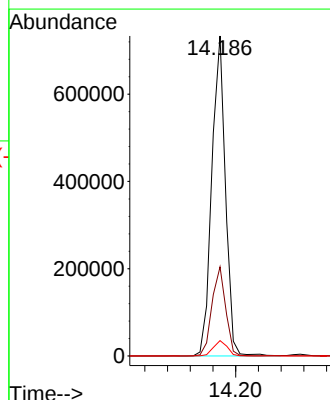
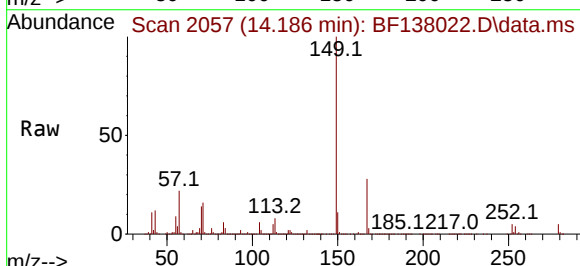
Tgt Ion:149 Resp: 610582

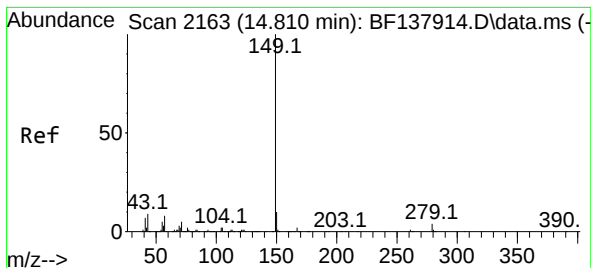
Ion Ratio Lower Upper

149 100

167 27.8 23.2 34.8

279 4.8 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 52.768 ng

RT: 14.816 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

Instrument :

BNA_F

ClientSampleId :

PB161075BS

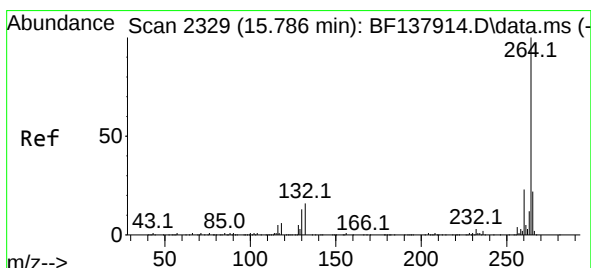
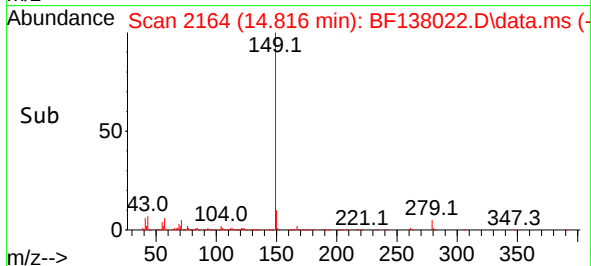
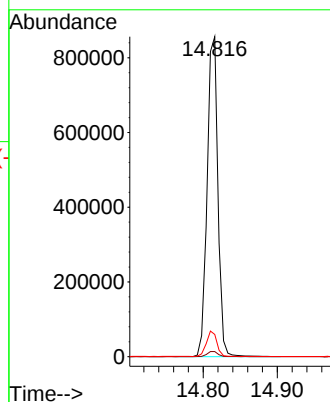
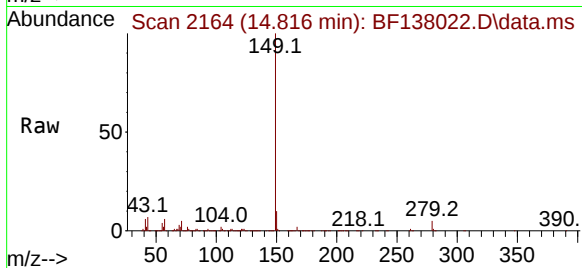
Tgt Ion:149 Resp: 867278

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 7.7 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.792 min Scan# 2330

Delta R.T. 0.006 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

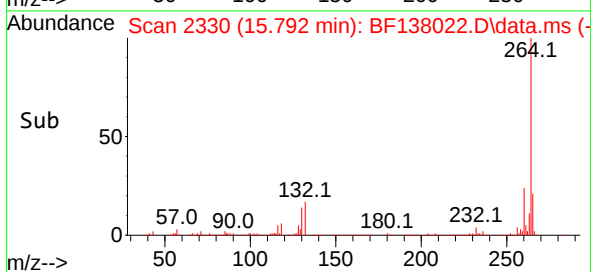
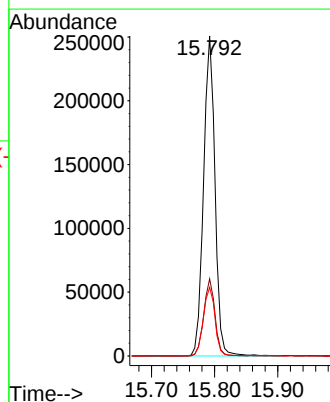
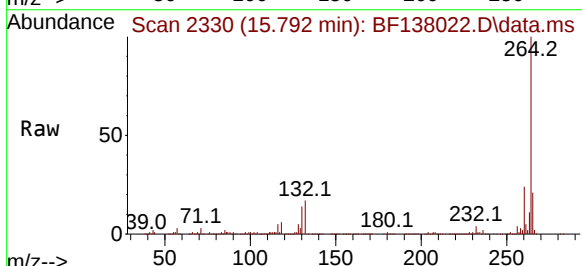
Tgt Ion:264 Resp: 315768

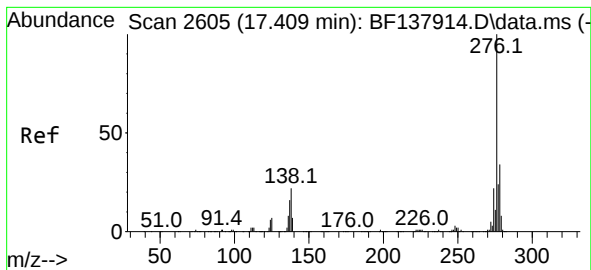
Ion Ratio Lower Upper

264 100

260 24.1 18.3 27.5

265 21.5 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.828 ng

RT: 17.421 min Scan# 2

Delta R.T. 0.012 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

Instrument :

BNA_F

ClientSampleId :

PB161075BS

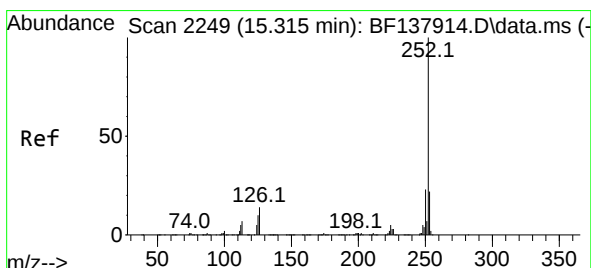
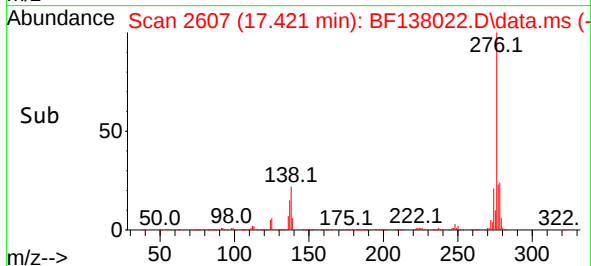
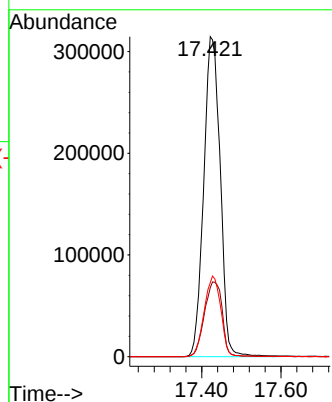
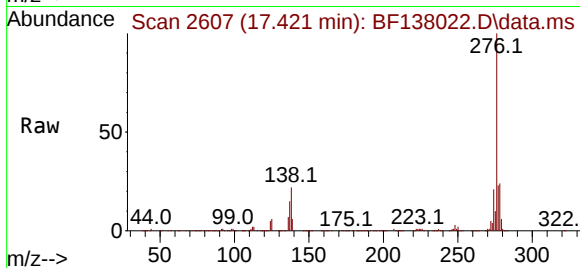
Tgt Ion:276 Resp: 909432

Ion Ratio Lower Upper

276 100

138 25.1 20.6 30.8

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.630 ng

RT: 15.321 min Scan# 2250

Delta R.T. 0.006 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

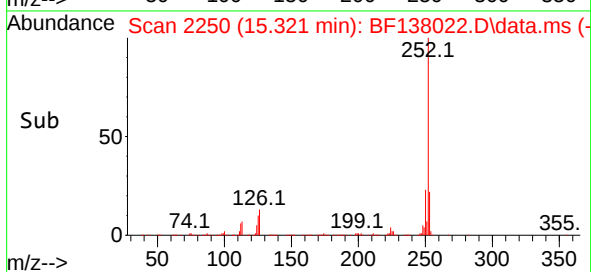
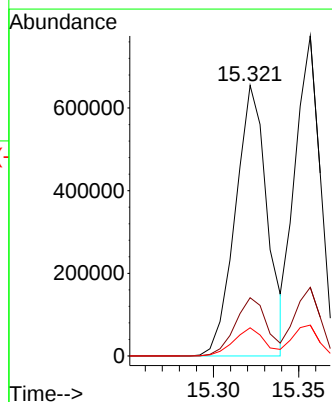
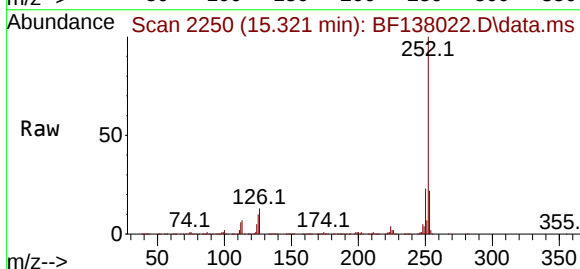
Tgt Ion:252 Resp: 852546

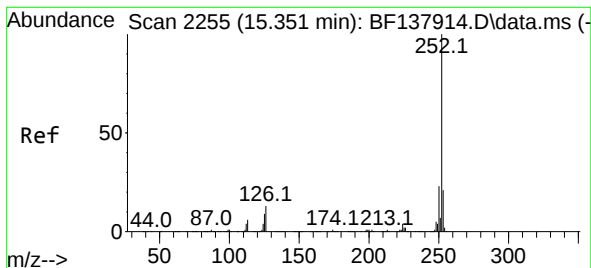
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 10.4 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 44.718 ng

RT: 15.357 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

Instrument :

BNA_F

ClientSampleId :

PB161075BS

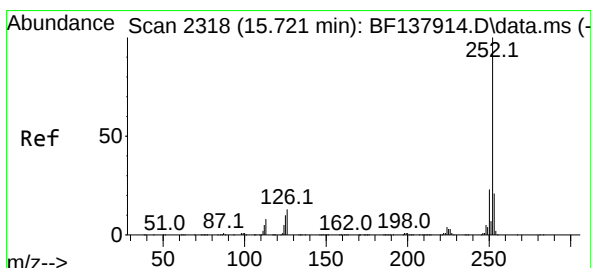
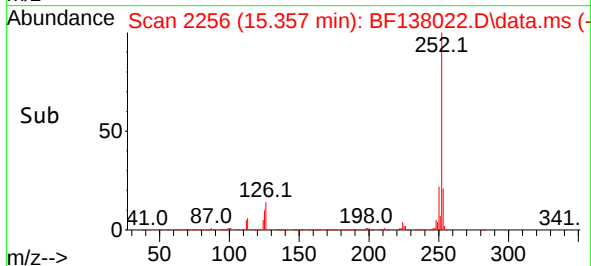
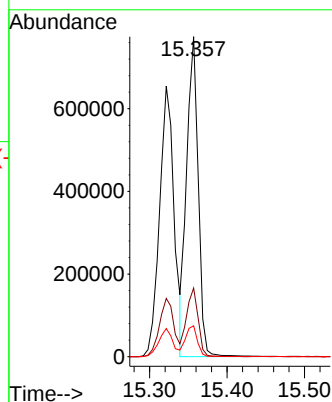
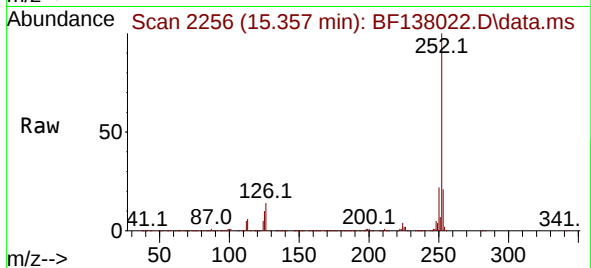
Tgt Ion:252 Resp: 803195

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 9.7 7.7 11.5



#90

Benzo(a)pyrene

Concen: 47.946 ng

RT: 15.727 min Scan# 2319

Delta R.T. 0.006 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

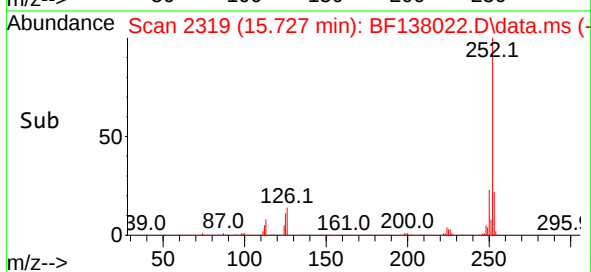
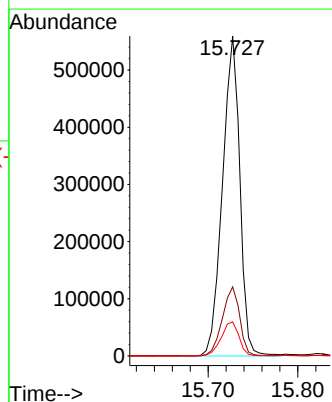
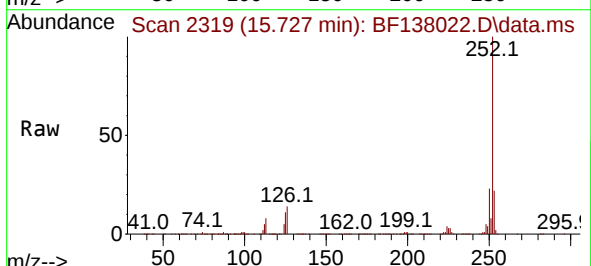
Tgt Ion:252 Resp: 748538

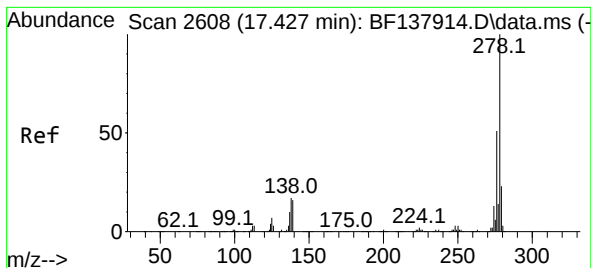
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 10.7 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 44.447 ng

RT: 17.445 min Scan# 2611

Delta R.T. 0.018 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

Instrument :

BNA_F

ClientSampleId :

PB161075BS

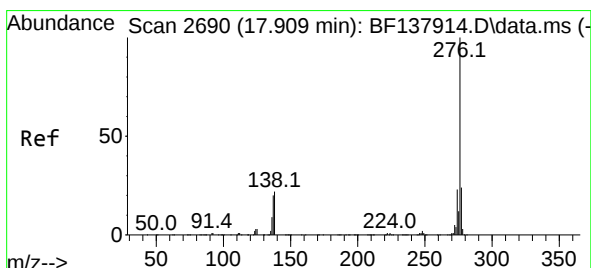
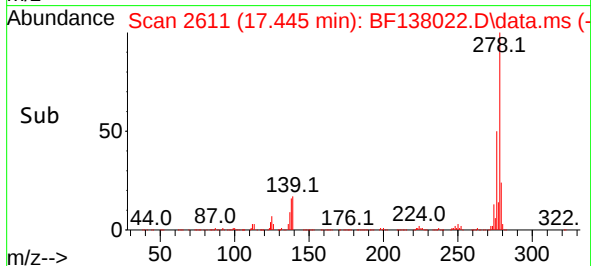
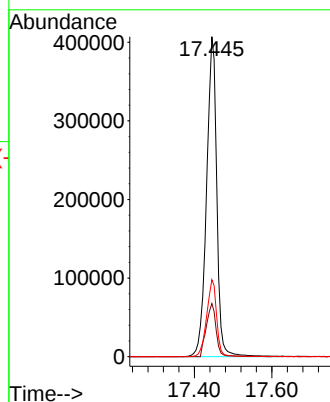
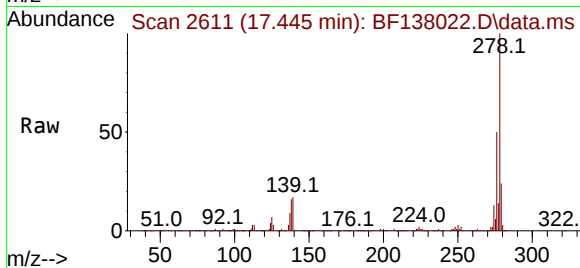
Tgt Ion:278 Resp: 744993

Ion Ratio Lower Upper

278 100

139 16.6 13.1 19.7

279 24.0 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 39.755 ng

RT: 17.927 min Scan# 2693

Delta R.T. 0.018 min

Lab File: BF138022.D

Acq: 23 May 2024 12:21

Tgt Ion:276 Resp: 700000

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 21.3 17.6 26.4

