

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
 Data File : BF138040.D
 Acq On : 28 May 2024 11:38
 Operator : CG\JU
 Sample : PB161134BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161134BS

Quant Time: May 28 12:31:35 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	153101	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	594063	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	337531	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	567544	20.000	ng	0.00
76) Chrysene-d12	14.233	240	317139	20.000	ng	0.00
86) Perylene-d12	15.798	264	307118	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1102495	122.321	ng	0.01
7) Phenol-d6	6.663	99	1363711	122.827	ng	0.00
23) Nitrobenzene-d5	7.604	82	837453	82.962	ng	0.00
42) 2,4,6-Tribromophenol	10.881	330	471863	138.648	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1808355	82.528	ng	0.00
79) Terphenyl-d14	13.169	244	1915194	89.002	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.034	88	137885	35.314	ng	98
3) Pyridine	3.781	79	340544	38.870	ng	98
4) n-Nitrosodimethylamine	3.746	42	166737	43.141	ng	# 97
6) Aniline	6.698	93	342827	34.522	ng	99
8) 2-Chlorophenol	6.822	128	449315	46.065	ng	100
9) Benzaldehyde	6.593	77	333884	55.584	ng	99
10) Phenol	6.675	94	509485	45.463	ng	95
11) bis(2-Chloroethyl)ether	6.769	93	393609	45.744	ng	98
12) 1,3-Dichlorobenzene	6.975	146	478296	42.382	ng	97
13) 1,4-Dichlorobenzene	7.051	146	484170	42.742	ng	98
14) 1,2-Dichlorobenzene	7.204	146	467085	43.811	ng	99
15) Benzyl Alcohol	7.175	79	355965	48.013	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.298	45	489495	46.279	ng	99
17) 2-Methylphenol	7.281	107	351518	45.190	ng	99
18) Hexachloroethane	7.545	117	164083	42.805	ng	97
19) n-Nitroso-di-n-propyla...	7.445	70	285895	45.833	ng	98
20) 3+4-Methylphenols	7.428	107	447860	43.948	ng	93
22) Acetophenone	7.445	105	598303	44.958	ng	# 98
24) Nitrobenzene	7.622	77	433729	42.355	ng	98
25) Isophorone	7.851	82	797671	45.530	ng	99
26) 2-Nitrophenol	7.934	139	245918	47.793	ng	98
27) 2,4-Dimethylphenol	7.957	122	326395	49.269	ng	99
28) bis(2-Chloroethoxy)met...	8.057	93	486875	45.853	ng	99
29) 2,4-Dichlorophenol	8.175	162	386755	46.426	ng	98
30) 1,2,4-Trichlorobenzene	8.257	180	409469	44.023	ng	99
31) Naphthalene	8.345	128	1313056	43.959	ng	100
32) Benzoic acid	8.087	122	284587	50.818	ng	94
33) 4-Chloroaniline	8.381	127	175401	17.913	ng	98
34) Hexachlorobutadiene	8.451	225	250728	42.588	ng	99
35) Caprolactam	8.769	113	82937	34.364	ng	99
36) 4-Chloro-3-methylphenol	8.863	107	400830	47.299	ng	96
37) 2-Methylnaphthalene	9.034	142	862449	44.919	ng	99
38) 1-Methylnaphthalene	9.134	142	803605	42.573	ng	99
40) 1,2,4,5-Tetrachloroben...	9.198	216	419080	45.670	ng	99
41) Hexachlorocyclopentadiene	9.187	237	412266	118.239	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	284038	47.209	ng	98

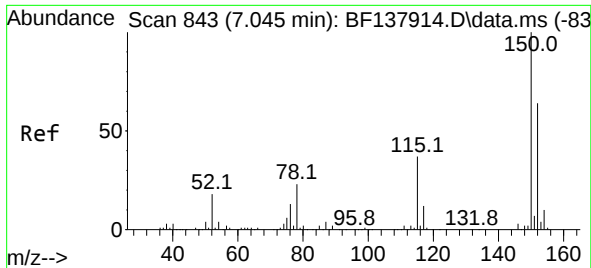
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.357	196	306267	46.523	ng	100
46) 1,1'-Biphenyl	9.504	154	1062222	44.869	ng	99
47) 2-Chloronaphthalene	9.528	162	825452	43.679	ng	98
48) 2-Nitroaniline	9.622	65	226168	46.735	ng	99
49) Acenaphthylene	9.951	152	1309699	48.198	ng	99
50) Dimethylphthalate	9.798	163	995692	47.042	ng	100
51) 2,6-Dinitrotoluene	9.863	165	222579	45.818	ng	100
52) Acenaphthene	10.122	154	881072	49.058	ng	100
53) 3-Nitroaniline	10.034	138	152271	32.063	ng	100
54) 2,4-Dinitrophenol	10.145	184	239360	90.229	ng	# 81
55) Dibenzofuran	10.292	168	1184524	45.319	ng	99
56) 4-Nitrophenol	10.192	139	333391	97.742	ng	98
57) 2,4-Dinitrotoluene	10.269	165	297218	47.327	ng	# 88
58) Fluorene	10.639	166	937870	45.365	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.404	232	259767	50.229	ng	97
60) Diethylphthalate	10.498	149	934100	47.254	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	468065	45.910	ng	99
62) 4-Nitroaniline	10.657	138	202148	44.878	ng	98
63) Azobenzene	10.786	77	837080	46.555	ng	99
65) 4,6-Dinitro-2-methylph...	10.681	198	169736	51.796	ng	98
66) n-Nitrosodiphenylamine	10.745	169	814637	46.805	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	291815	46.901	ng	99
68) Hexachlorobenzene	11.186	284	317912	46.224	ng	97
69) Atrazine	11.269	200	272215	57.276	ng	100
70) Pentachlorophenol	11.381	266	370450	91.953	ng	98
71) Phenanthrene	11.610	178	1290084	46.127	ng	99
72) Anthracene	11.657	178	1312094	47.284	ng	99
73) Carbazole	11.810	167	1172701	46.262	ng	100
74) Di-n-butylphthalate	12.128	149	1411865	50.187	ng	100
75) Fluoranthene	12.798	202	1269570	44.722	ng	98
77) Benzidine	12.916	184	100290	24.197	ng	99
78) Pyrene	13.033	202	1267118	45.681	ng	100
80) Butylbenzylphthalate	13.633	149	444333	53.108	ng	95
81) Benzo(a)anthracene	14.221	228	960483	47.870	ng	99
82) 3,3'-Dichlorobenzidine	14.180	252	211570	38.050	ng	99
83) Chrysene	14.263	228	905071	47.166	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	559791	53.226	ng	98
85) Di-n-octyl phthalate	14.816	149	895231	63.007	ng	99
87) Indeno(1,2,3-cd)pyrene	17.439	276	1003051	50.835	ng	99
88) Benzo(b)fluoranthene	15.327	252	898209	50.511	ng	99
89) Benzo(k)fluoranthene	15.363	252	814843	46.644	ng	99
90) Benzo(a)pyrene	15.733	252	782753	51.550	ng	98
91) Dibenzo(a,h)anthracene	17.457	278	807834	49.553	ng	99
92) Benzo(g,h,i)perylene	17.933	276	785435	45.863	ng	99

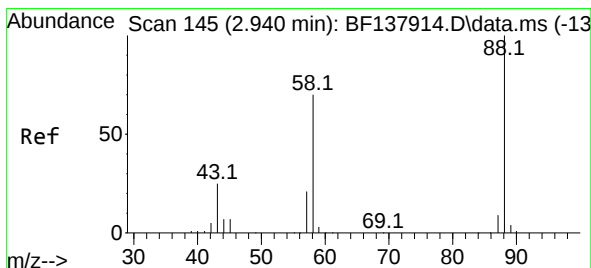
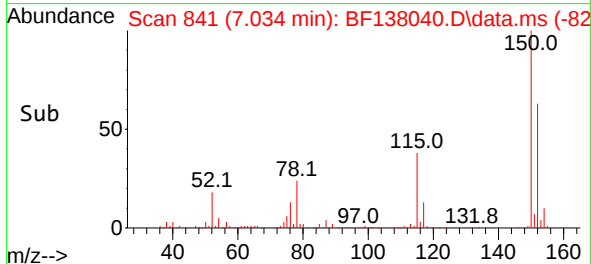
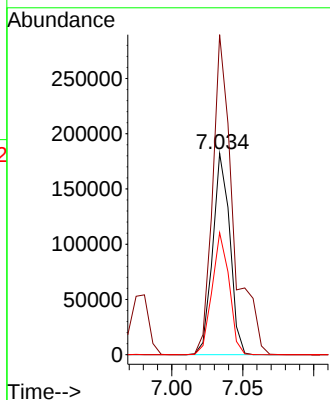
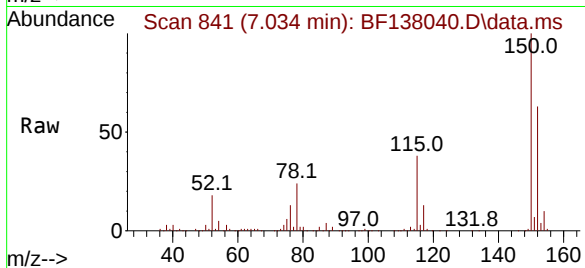
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

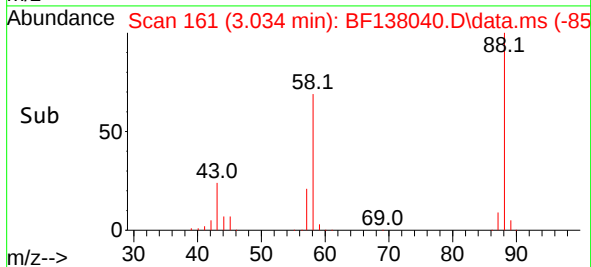
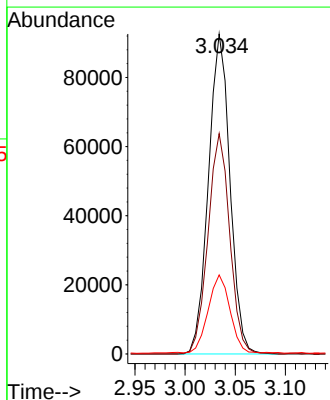
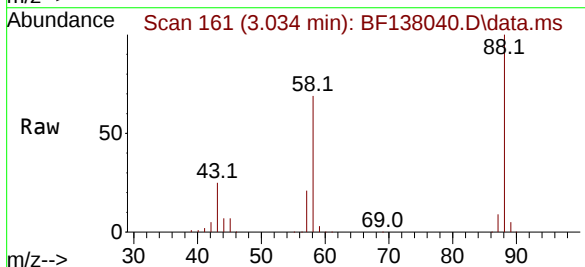
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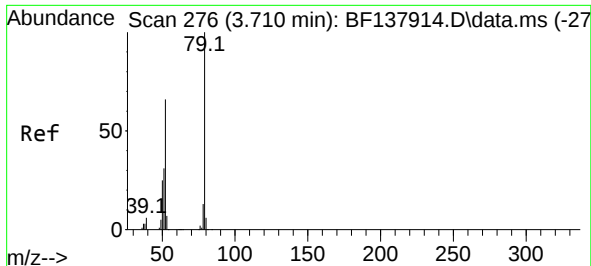
Tgt Ion:152 Resp: 153101
Ion Ratio Lower Upper
152 100
150 159.0 125.7 188.5
115 60.6 47.0 70.6



#2
1,4-Dioxane
Concen: 35.314 ng
RT: 3.034 min Scan# 161
Delta R.T. 0.094 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Tgt Ion: 88 Resp: 137885
Ion Ratio Lower Upper
88 100
58 69.6 54.4 81.6
43 25.2 19.6 29.4

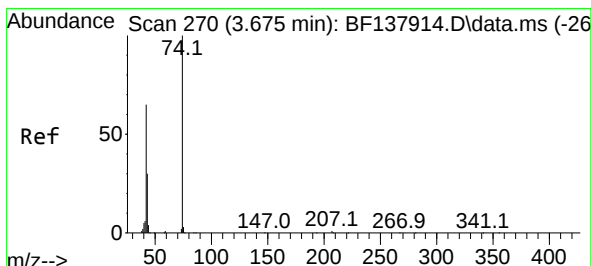
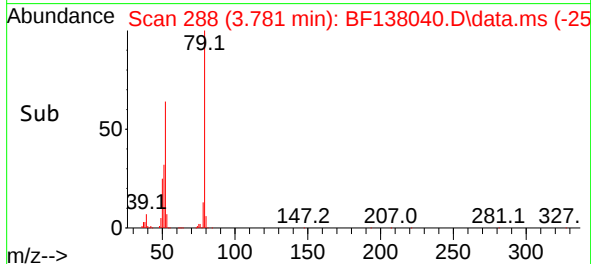
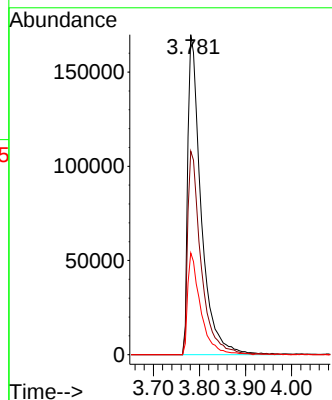
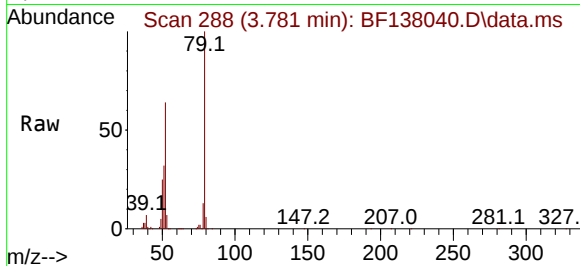




#3
Pyridine
Concen: 38.870 ng
RT: 3.781 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

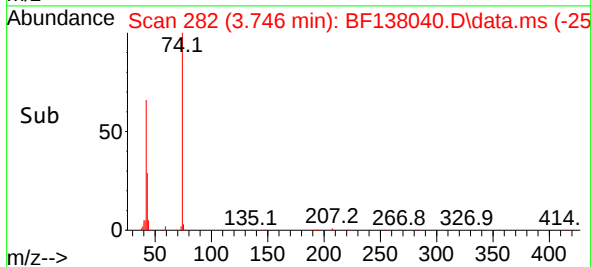
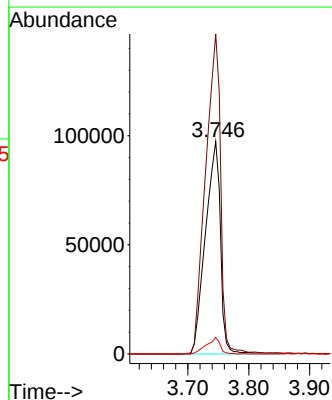
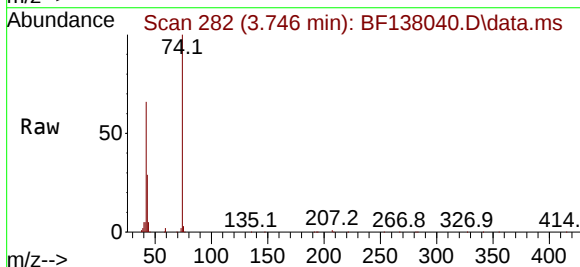
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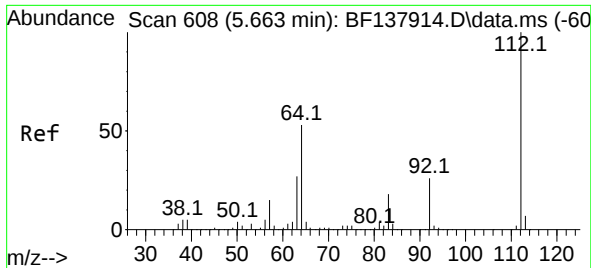
Tgt Ion: 79 Resp: 340544
Ion Ratio Lower Upper
79 100
52 63.6 52.5 78.7
51 31.8 25.1 37.7



#4
n-Nitrosodimethylamine
Concen: 43.141 ng
RT: 3.746 min Scan# 282
Delta R.T. 0.071 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Tgt Ion: 42 Resp: 166737
Ion Ratio Lower Upper
42 100
74 150.6 123.1 184.7
44 7.8 5.0 7.6#

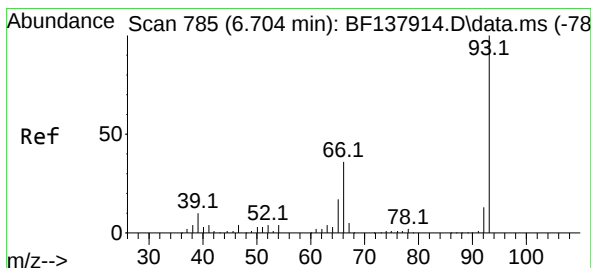
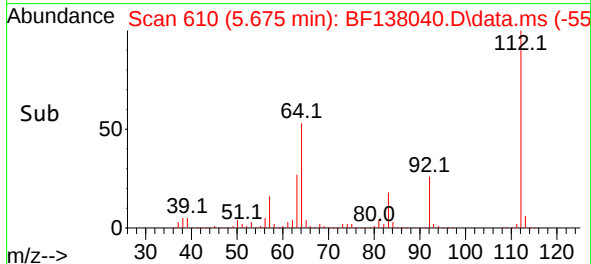
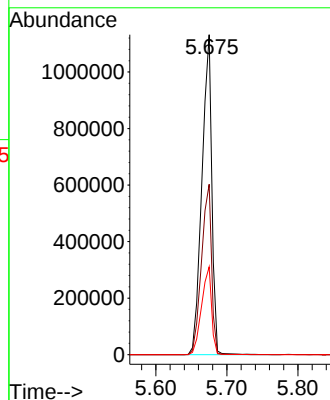
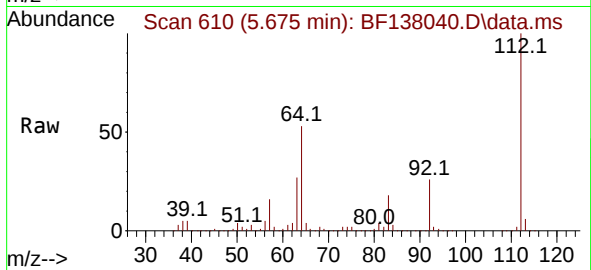




#5
2-Fluorophenol
Concen: 122.321 ng
RT: 5.675 min Scan# 61
Delta R.T. 0.012 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

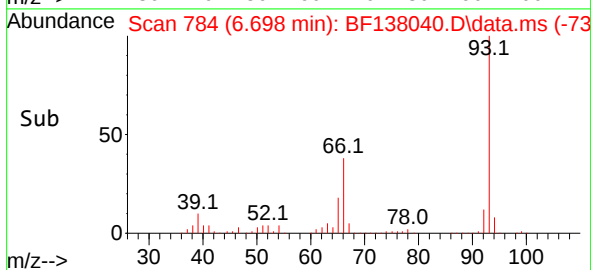
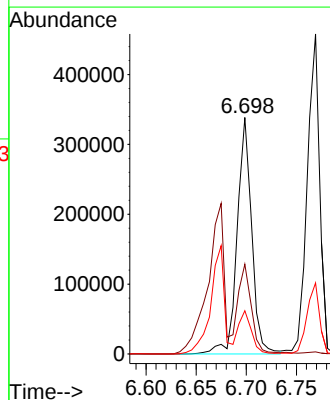
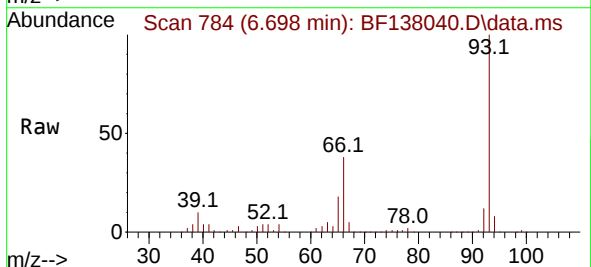
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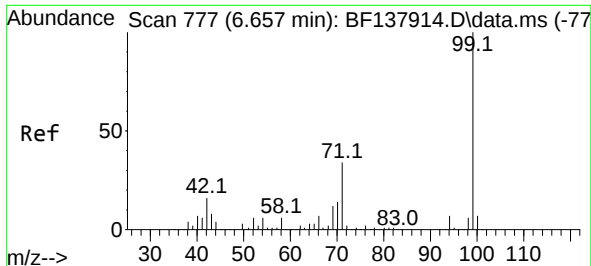
Tgt Ion:112 Resp: 1102495
Ion Ratio Lower Upper
112 100
64 53.3 42.4 63.6
63 27.4 21.4 32.2



#6
Aniline
Concen: 34.522 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Tgt Ion: 93 Resp: 342827
Ion Ratio Lower Upper
93 100
66 37.9 30.7 46.1
65 18.2 15.0 22.4

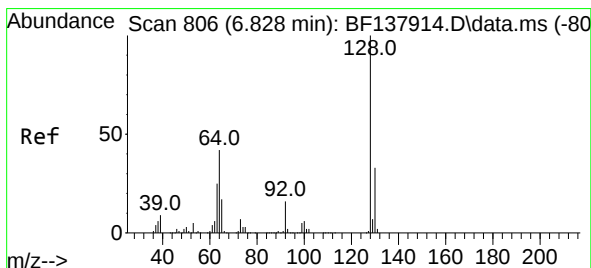
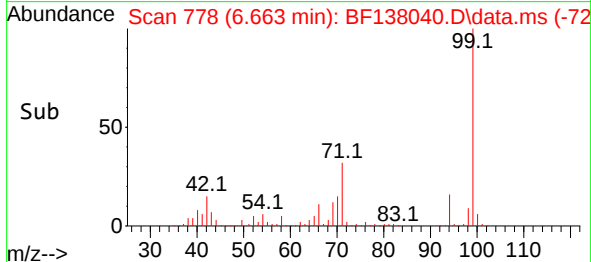
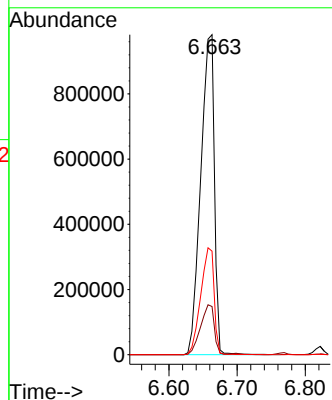
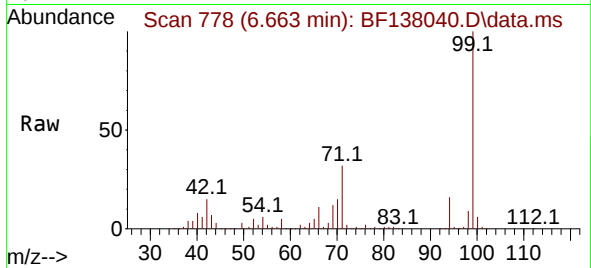




#7
Phenol-d6
Concen: 122.827 ng
RT: 6.663 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

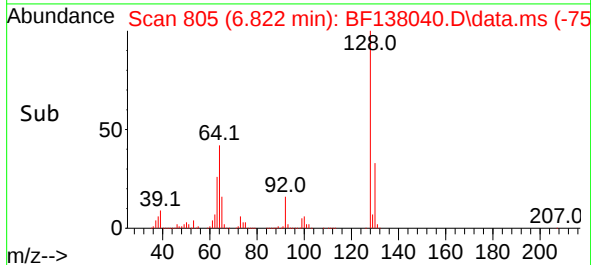
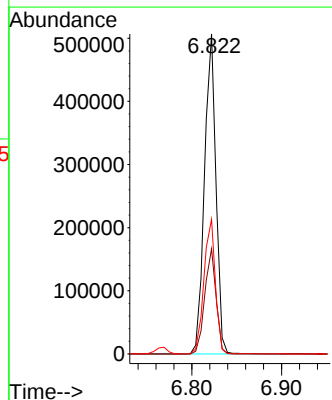
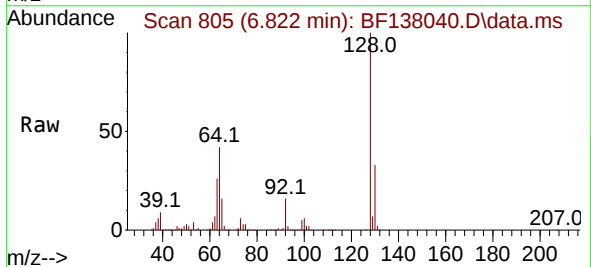
Instrument :
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Tgt Ion: 99 Resp: 1363711
Ion Ratio Lower Upper
99 100
42 15.0 12.6 18.8
71 32.4 27.1 40.7



#8
2-Chlorophenol
Concen: 46.065 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Tgt Ion:128 Resp: 449315
Ion Ratio Lower Upper
128 100
130 32.9 12.8 52.8
64 42.1 22.2 62.2

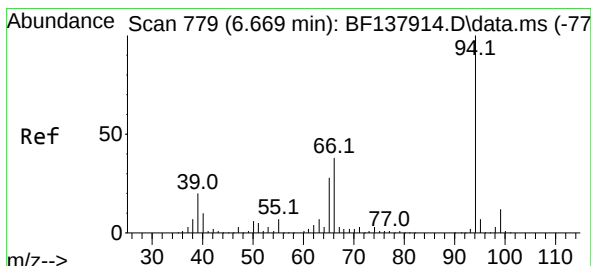
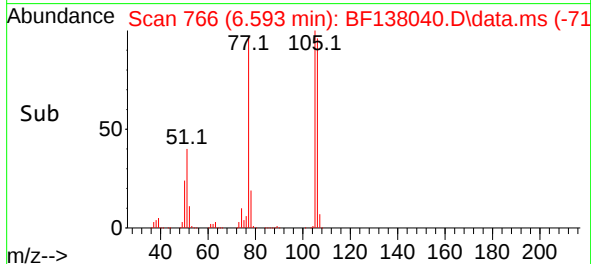
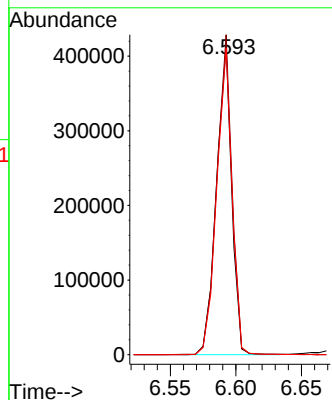
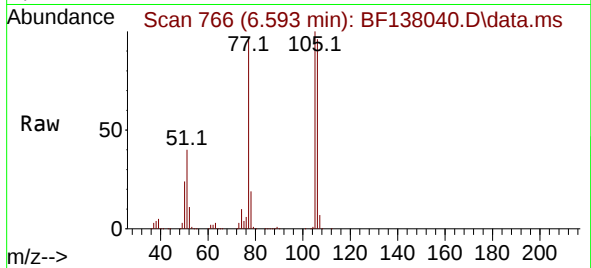




#9
Benzaldehyde
Concen: 55.584 ng
RT: 6.593 min Scan# 70
Delta R.T. -0.005 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

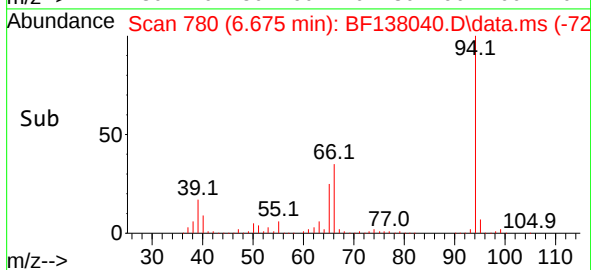
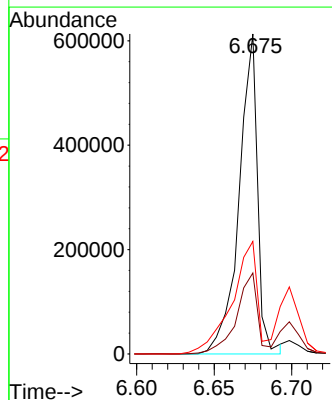
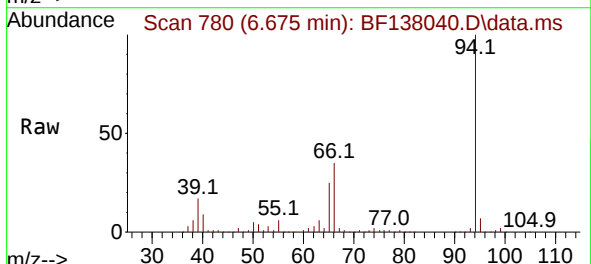
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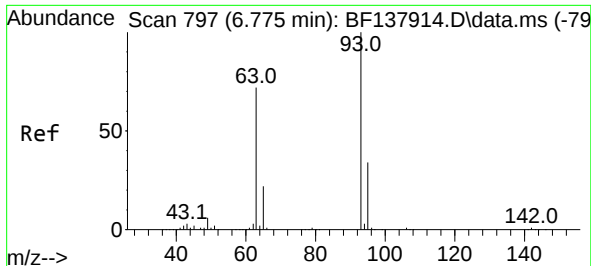
Tgt Ion: 77 Resp: 333884
Ion Ratio Lower Upper
77 100
105 103.4 82.3 122.3
106 99.0 79.2 119.2



#10
Phenol
Concen: 45.463 ng
RT: 6.675 min Scan# 780
Delta R.T. 0.006 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Tgt Ion: 94 Resp: 509485
Ion Ratio Lower Upper
94 100
65 25.3 7.8 47.8
66 35.2 18.6 58.6

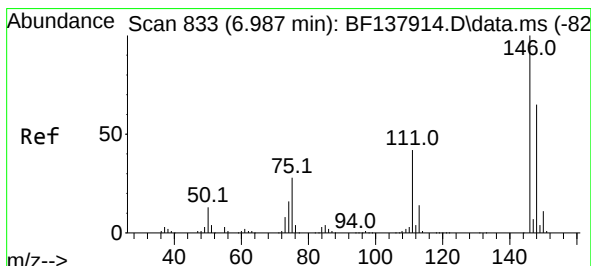
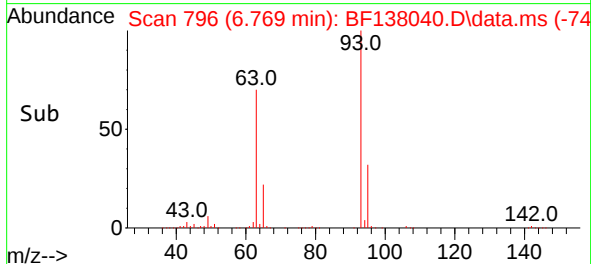
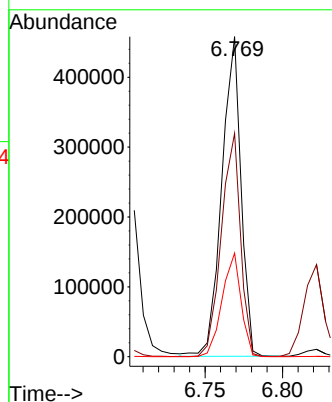
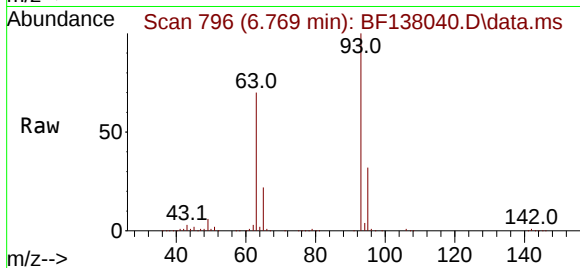




#11
bis(2-Chloroethyl)ether
Concen: 45.744 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

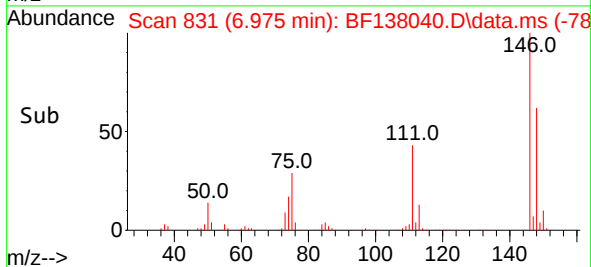
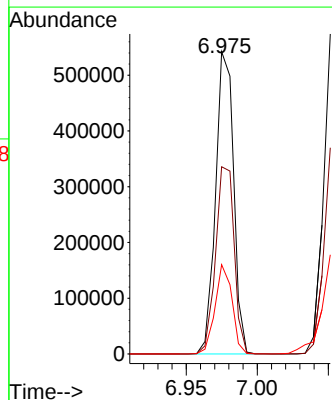
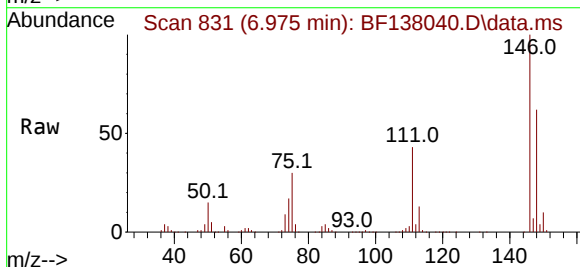
Instrument :
BNA_F
ClientSampleId :
PB161134BS

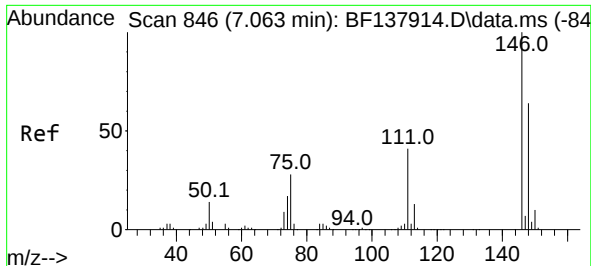
Tgt Ion: 93 Resp: 393609
Ion Ratio Lower Upper
93 100
63 69.8 51.4 91.4
95 32.4 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 42.382 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.012 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Tgt Ion: 146 Resp: 478296
Ion Ratio Lower Upper
146 100
148 61.9 51.7 77.5
75 29.5 22.4 33.6





#13

1,4-Dichlorobenzene

Concen: 42.742 ng

RT: 7.051 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB161134BS

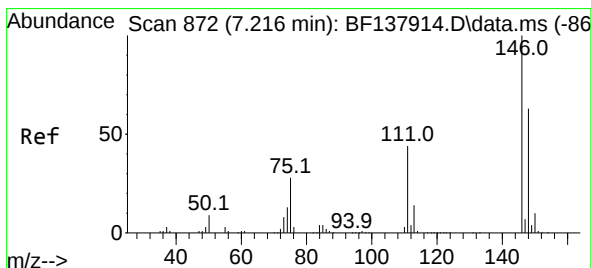
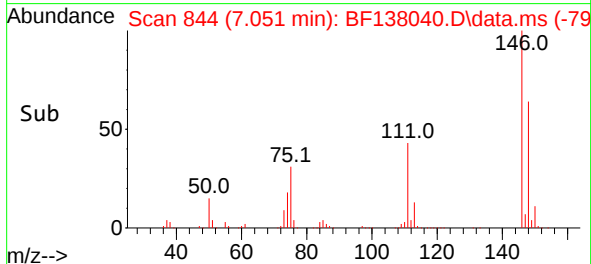
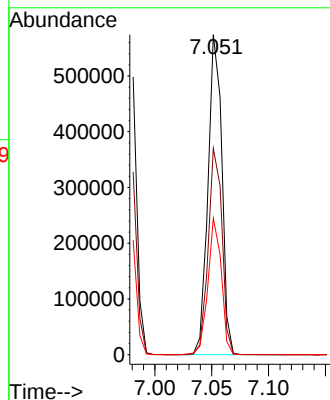
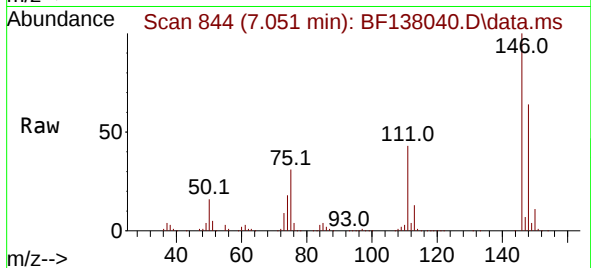
Tgt Ion:146 Resp: 484170

Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.6

111 42.7 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 43.811 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.012 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

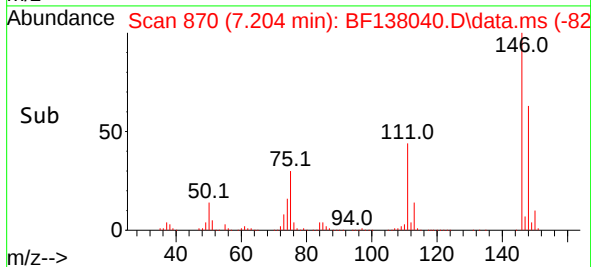
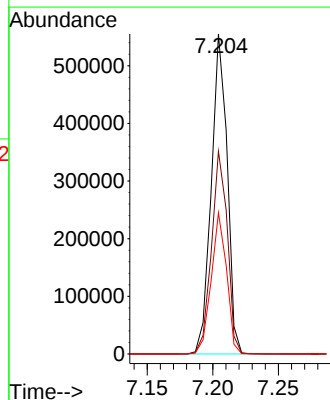
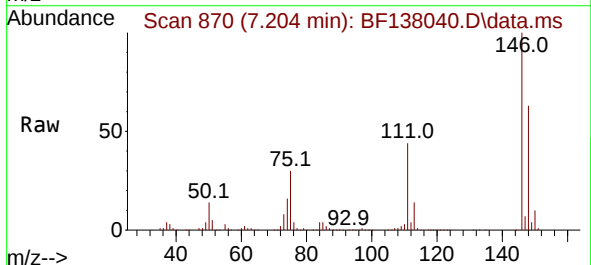
Tgt Ion:146 Resp: 467085

Ion Ratio Lower Upper

146 100

148 63.4 50.2 75.4

111 44.1 35.1 52.7

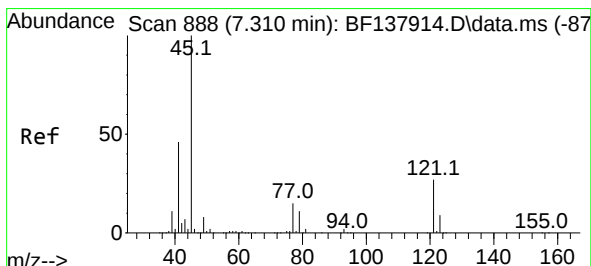
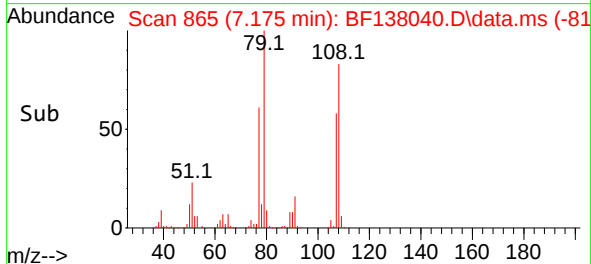
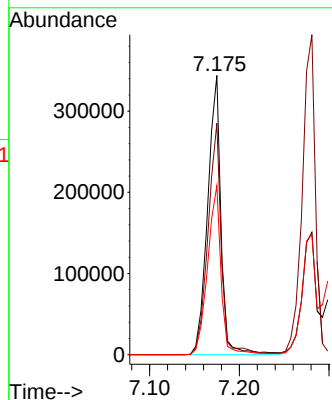
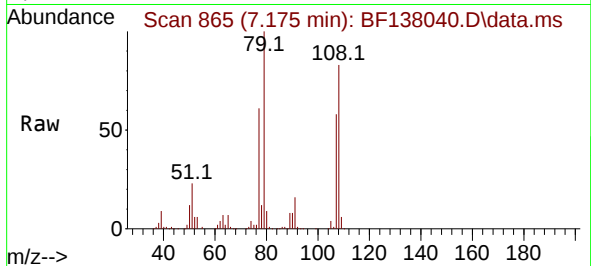




#15
Benzyl Alcohol
Concen: 48.013 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

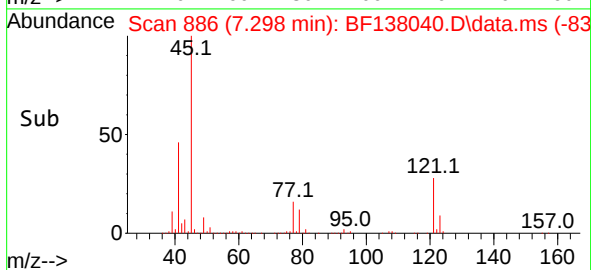
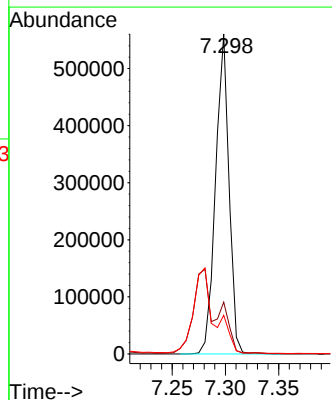
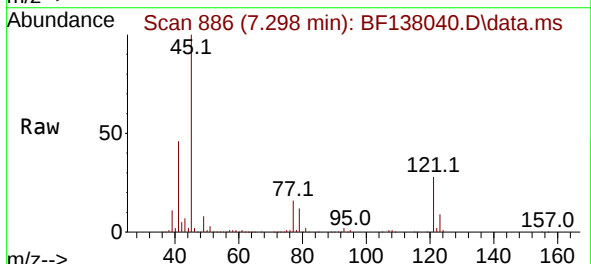
Instrument :
BNA_F
ClientSampleId :
PB161134BS

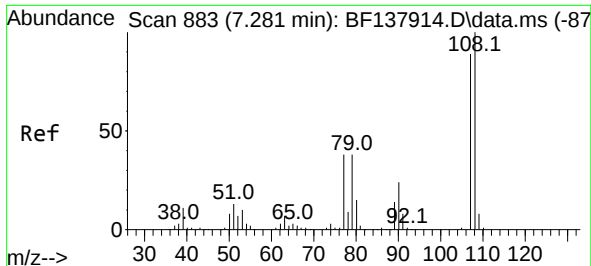
Tgt Ion: 79 Resp: 355965
Ion Ratio Lower Upper
79 100
108 82.9 62.8 94.2
77 60.5 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.279 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Tgt Ion: 45 Resp: 489495
Ion Ratio Lower Upper
45 100
77 16.2 0.0 35.3
79 12.1 0.0 32.1



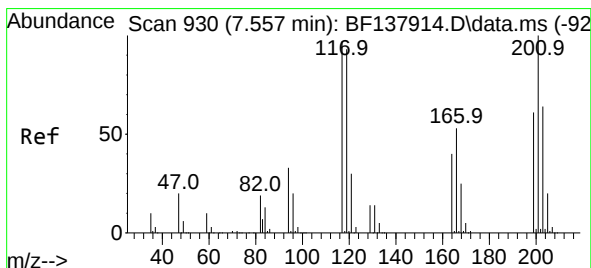
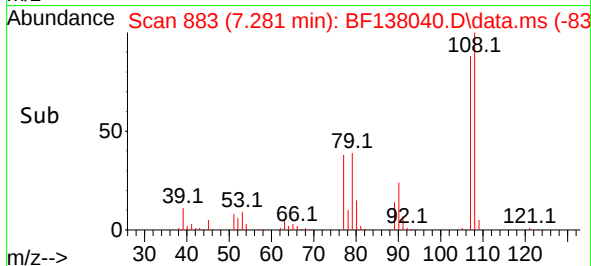
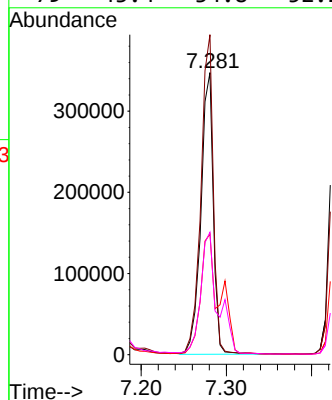
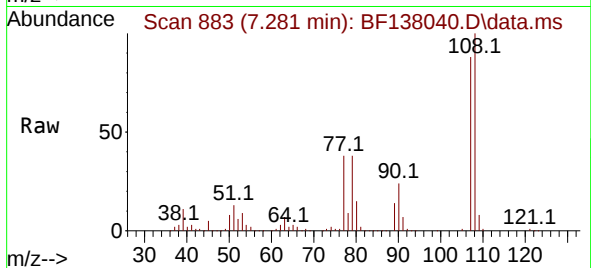


#17
2-Methylphenol
Concen: 45.190 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Instrument :
BNA_F
ClientSampleId :
PB161134BS

Tgt Ion:107 Resp: 351518

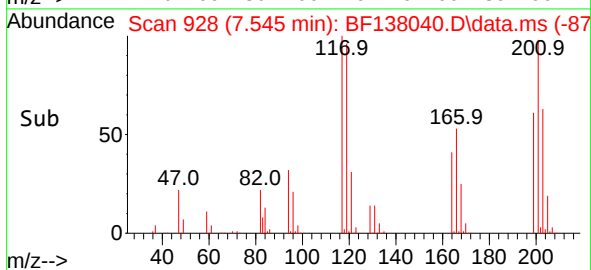
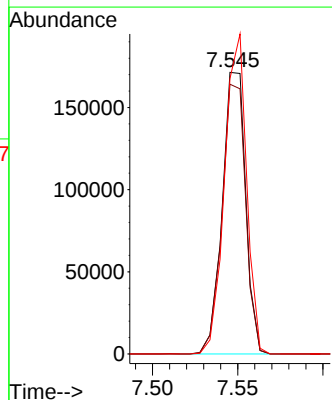
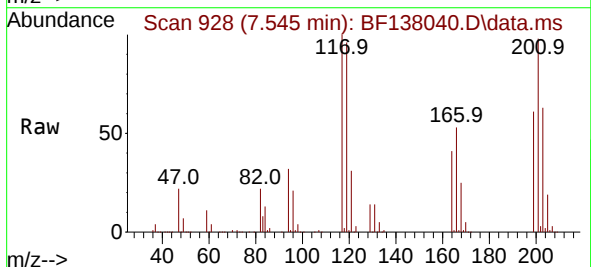
Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.1	135.1
77	42.8	34.3	51.5
79	43.4	34.8	52.2



#18
Hexachloroethane
Concen: 42.805 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Tgt Ion:117 Resp: 164083

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.8	115.2
201	97.8	82.7	124.1



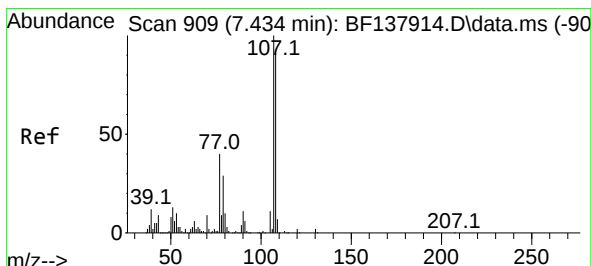
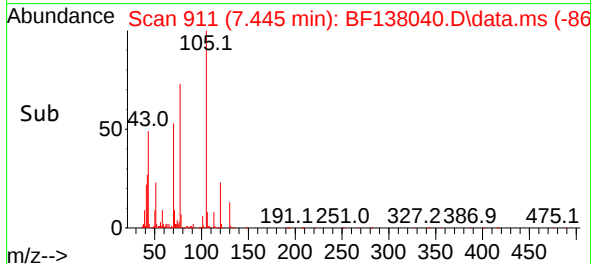
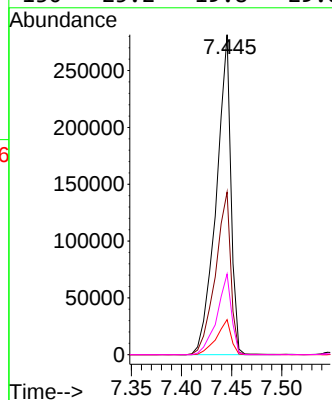
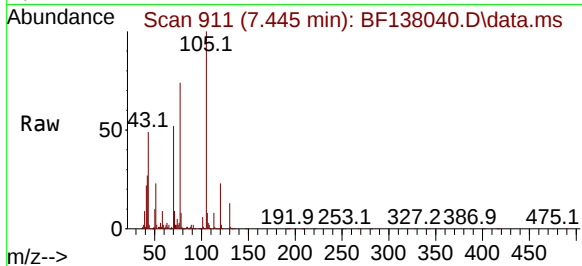


#19
n-Nitroso-di-n-propylamine
Concen: 45.833 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Instrument :
BNA_F
ClientSampleId :
PB161134BS

Tgt Ion: 70 Resp: 285895

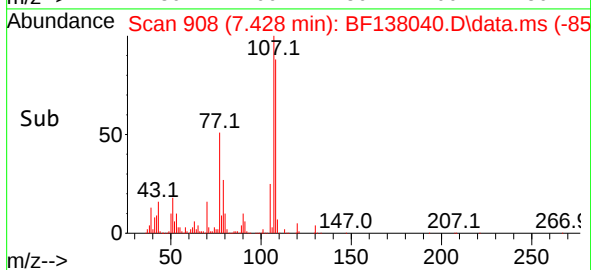
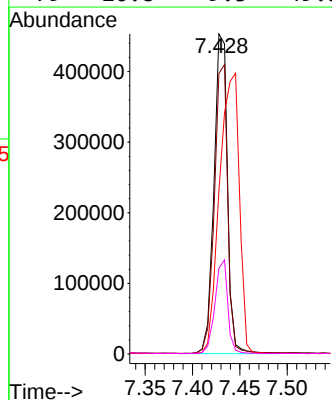
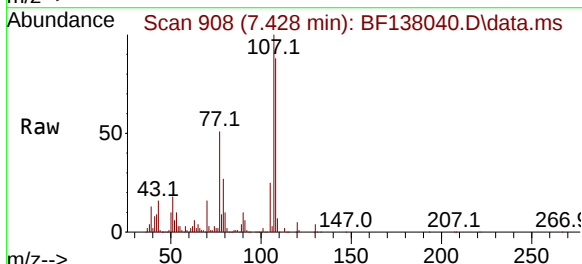
Ion	Ratio	Lower	Upper
70	100		
42	50.8	42.2	63.4
101	11.0	8.8	13.2
130	25.2	19.8	29.8

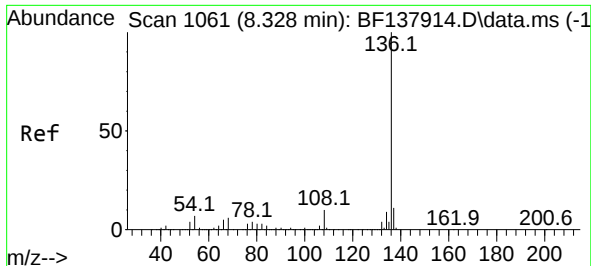


#20
3+4-Methylphenols
Concen: 43.948 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Tgt Ion: 107 Resp: 447860

Ion	Ratio	Lower	Upper
107	100		
108	87.6	70.8	110.8
77	51.1	20.2	60.2
79	26.8	9.3	49.3

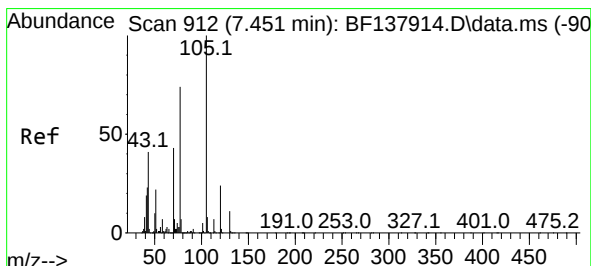
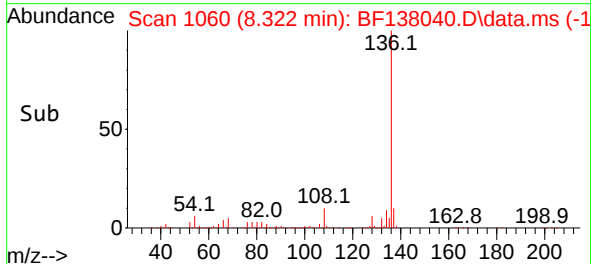
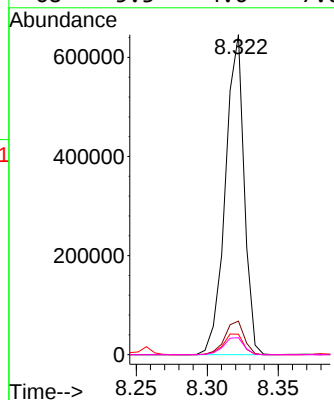
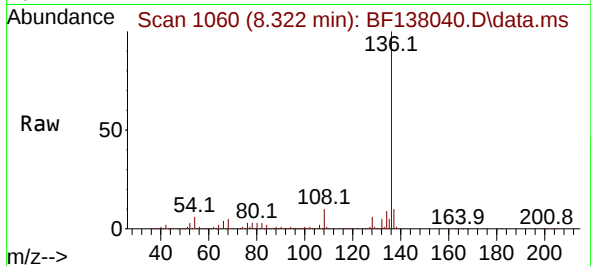




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

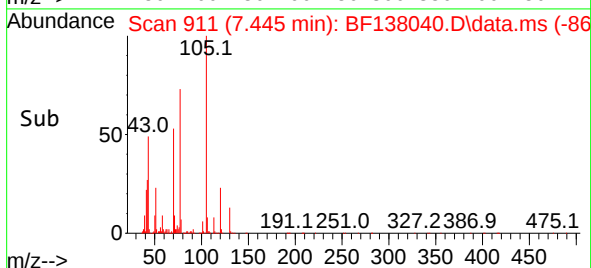
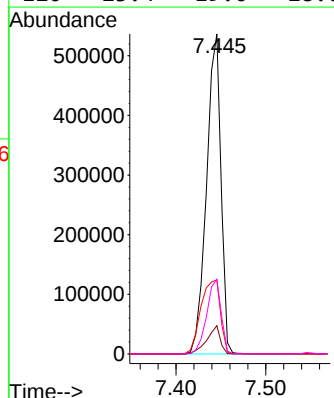
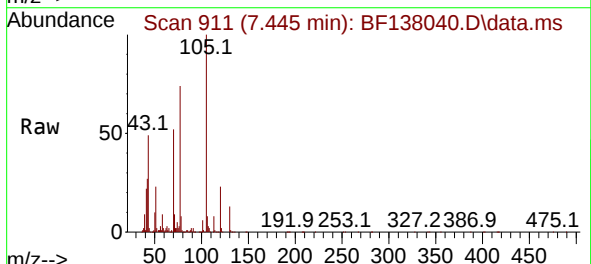
Instrument :
BNA_F
ClientSampleId :
PB161134BS

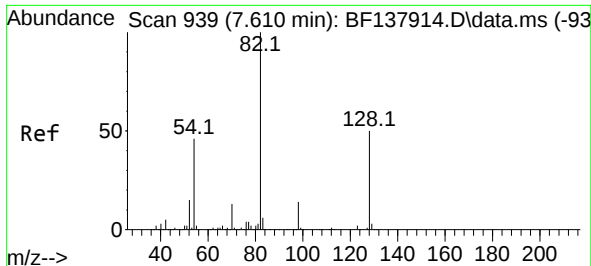
Tgt Ion:	136	Resp:	594063
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	6.4	5.4	8.2
68	5.3	4.6	7.0



#22
Acetophenone
Concen: 44.958 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Tgt Ion:	105	Resp:	598303
Ion	Ratio	Lower	Upper
105	100		
71	8.8	5.7	8.5
51	23.1	17.8	26.8
120	23.4	19.0	28.6

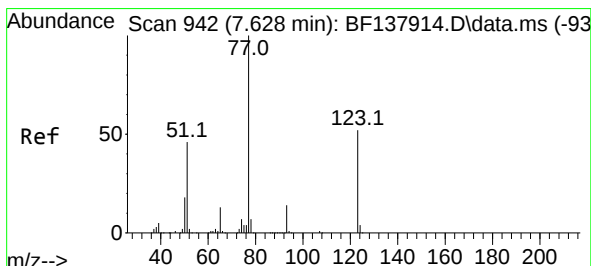
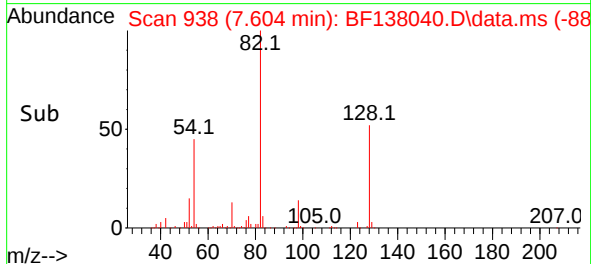
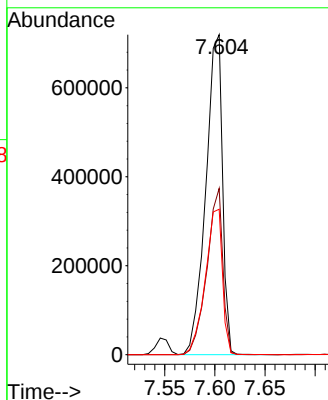
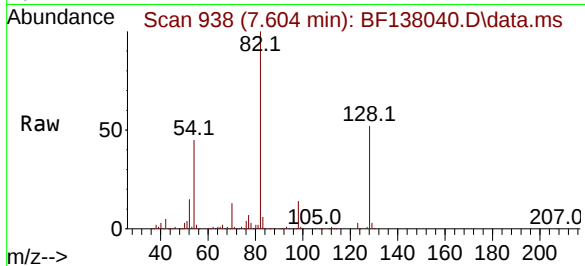




#23
Nitrobenzene-d5
Concen: 82.962 ng
RT: 7.604 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

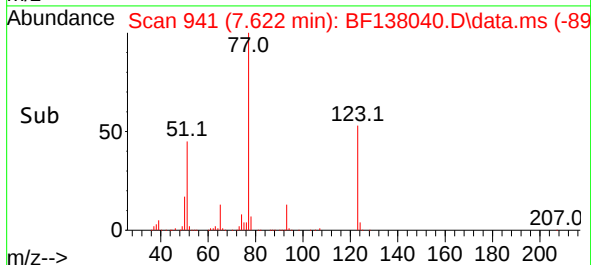
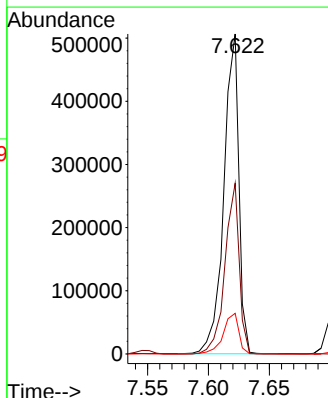
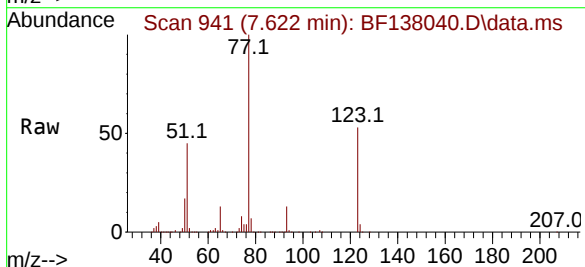
Instrument :
BNA_F
ClientSampleId :
PB161134BS

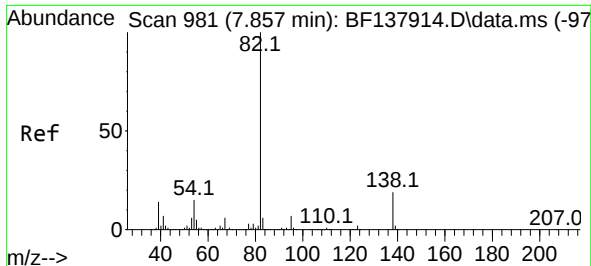
Tgt Ion: 82 Resp: 837453
Ion Ratio Lower Upper
82 100
128 51.9 40.3 60.5
54 45.5 36.8 55.2



#24
Nitrobenzene
Concen: 42.355 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Tgt Ion: 77 Resp: 433729
Ion Ratio Lower Upper
77 100
123 53.3 41.4 62.2
65 12.7 10.5 15.7

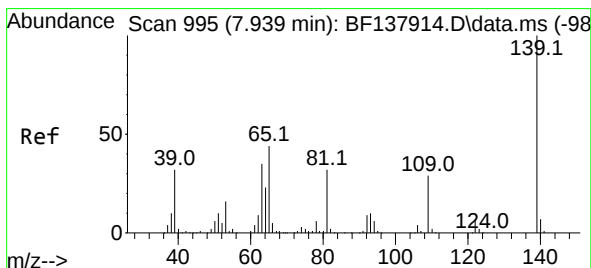
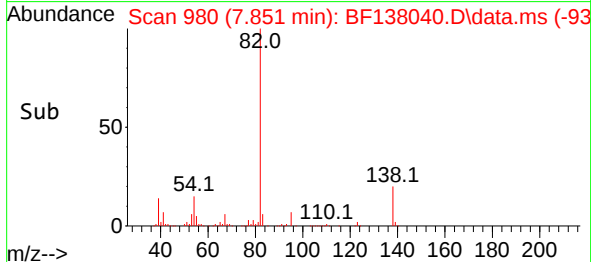
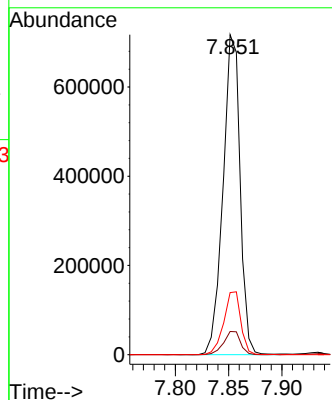
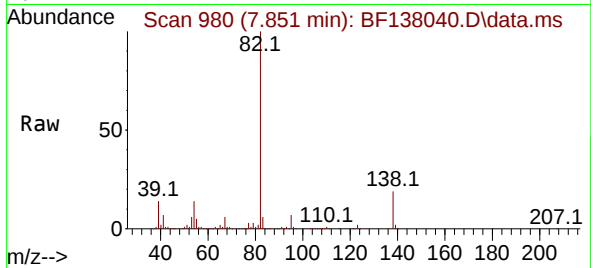




#25
Isophorone
Concen: 45.530 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

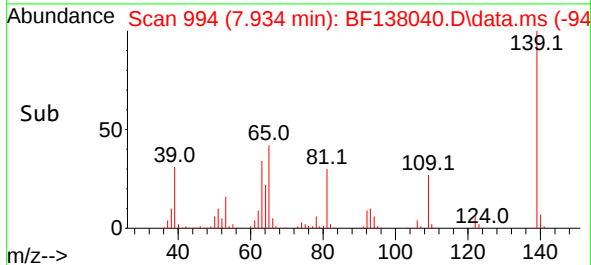
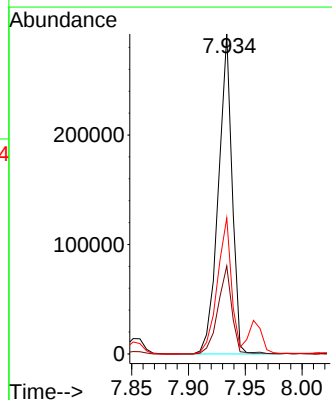
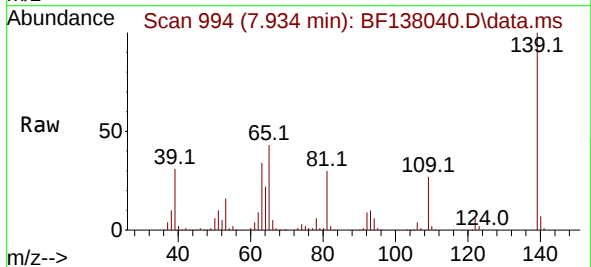
Instrument :
BNA_F
ClientSampleId :
PB161134BS

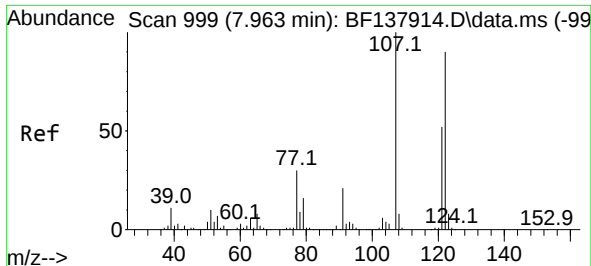
Tgt Ion: 82 Resp: 797671
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 19.4 15.0 22.4



#26
2-Nitrophenol
Concen: 47.793 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Tgt Ion:139 Resp: 245918
Ion Ratio Lower Upper
139 100
109 27.5 22.8 34.2
65 42.5 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 49.269 ng

RT: 7.957 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB161134BS

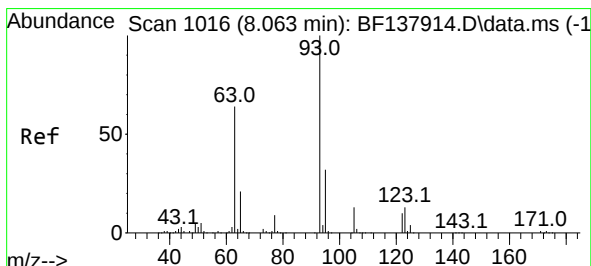
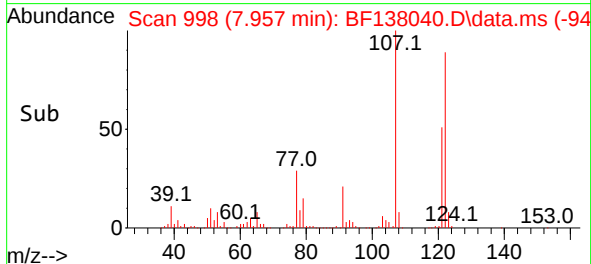
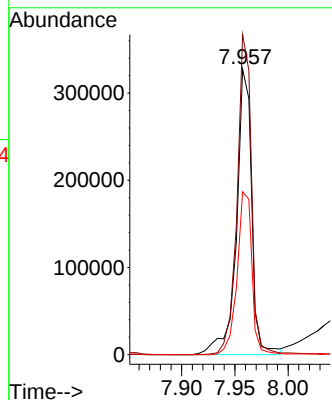
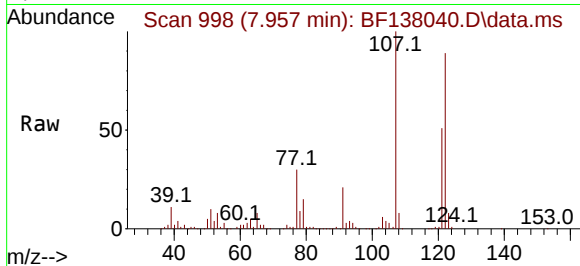
Tgt Ion:122 Resp: 326395

Ion Ratio Lower Upper

122 100

107 112.1 89.0 133.4

121 57.0 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 45.853 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

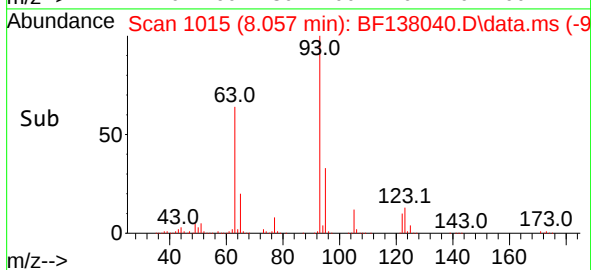
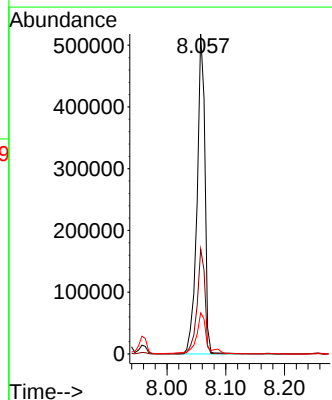
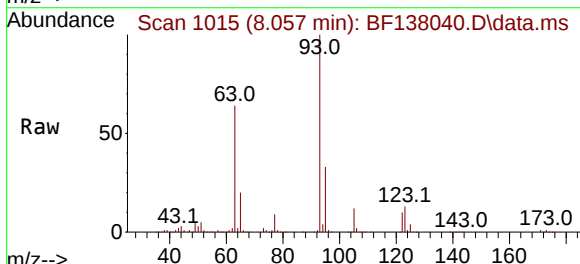
Tgt Ion: 93 Resp: 486875

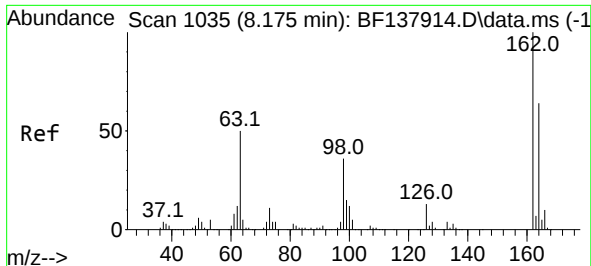
Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

123 12.8 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 46.426 ng

RT: 8.175 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB161134BS

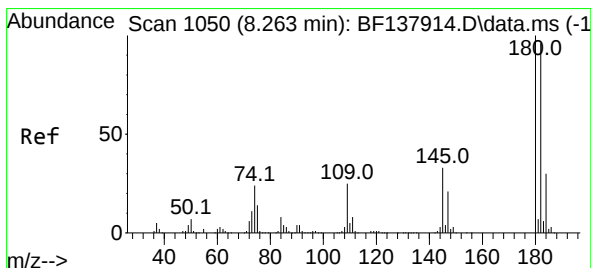
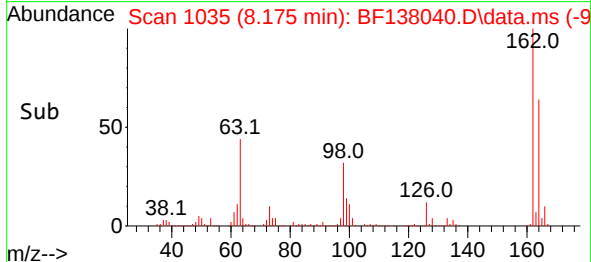
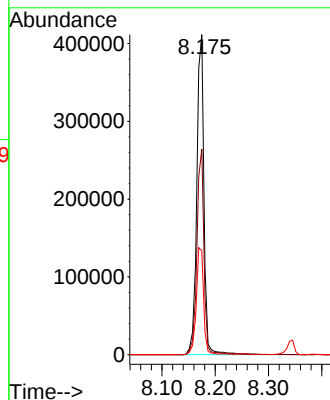
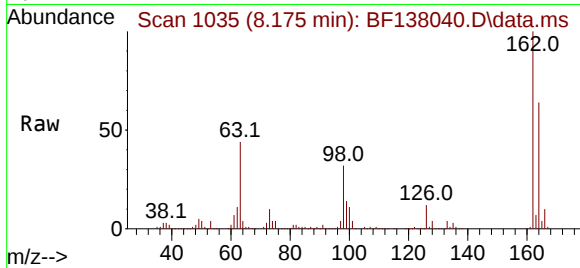
Tgt Ion:162 Resp: 386755

Ion Ratio Lower Upper

162 100

164 64.3 44.3 84.3

98 32.5 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 44.023 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

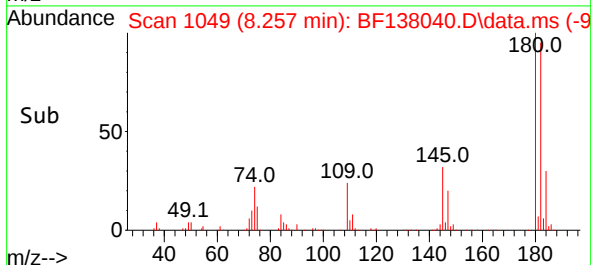
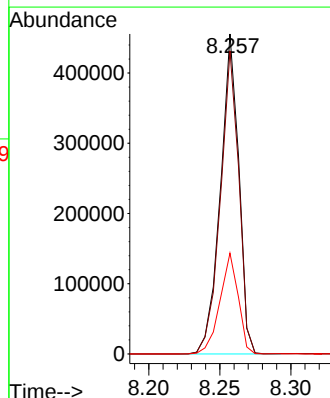
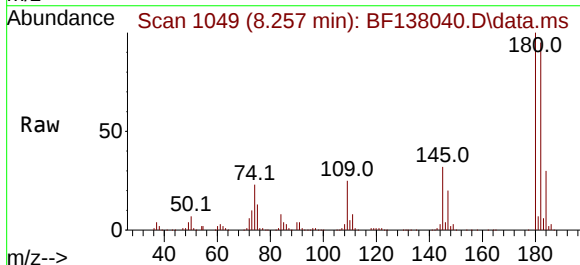
Tgt Ion:180 Resp: 409469

Ion Ratio Lower Upper

180 100

182 94.8 76.5 114.7

145 31.5 26.2 39.2

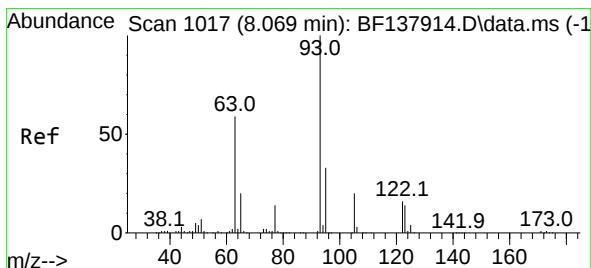
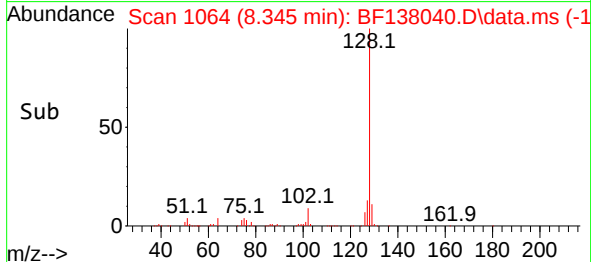
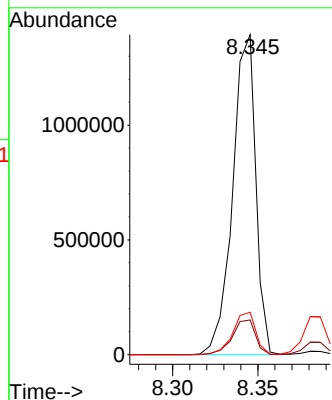
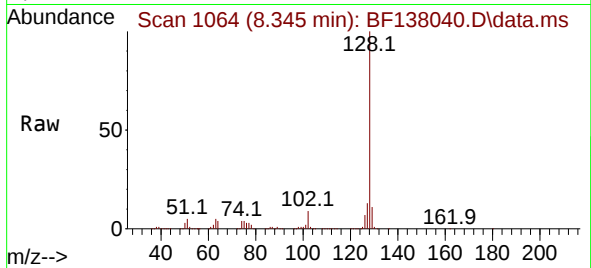




#31
Naphthalene
Concen: 43.959 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

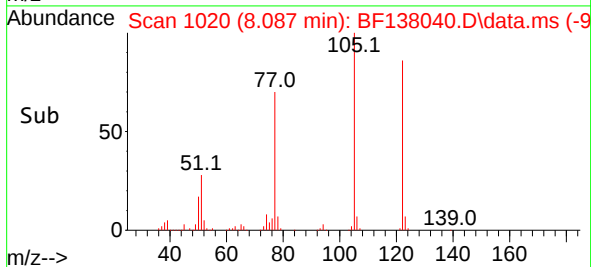
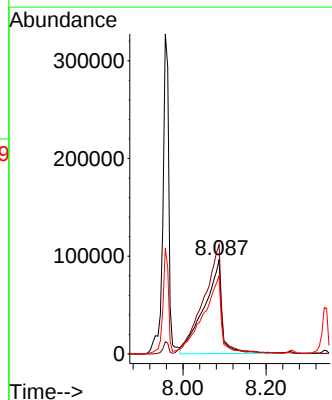
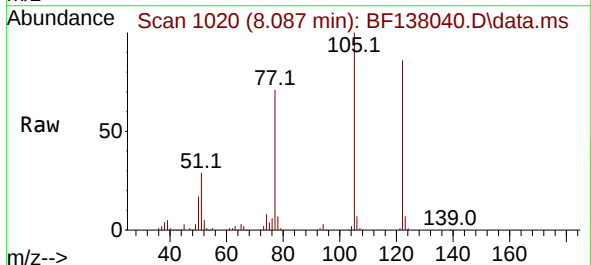
Instrument :
BNA_F
ClientSampleId :
PB161134BS

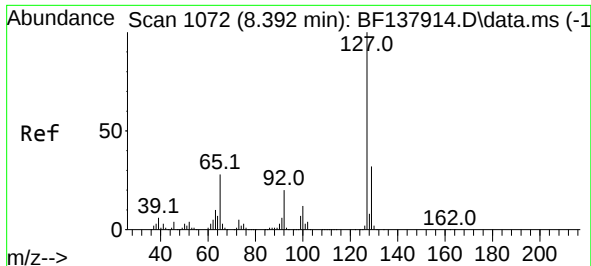
Tgt Ion:128 Resp: 1313056
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 50.818 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.018 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Tgt Ion:122 Resp: 284587
Ion Ratio Lower Upper
122 100
105 116.2 103.8 143.8
77 82.8 68.4 108.4

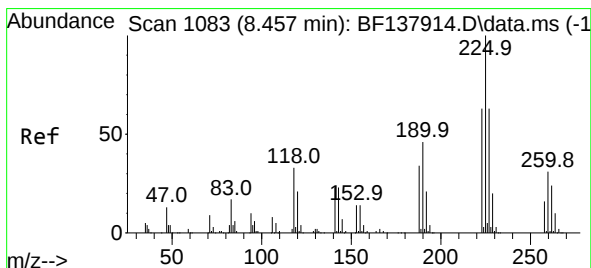
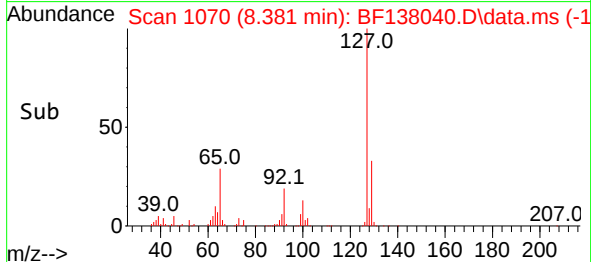
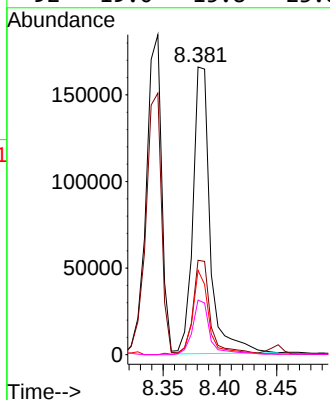
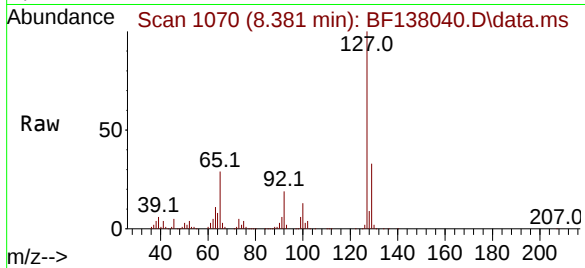




#33
4-Chloroaniline
Concen: 17.913 ng
RT: 8.381 min Scan# 1070
Delta R.T. -0.012 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

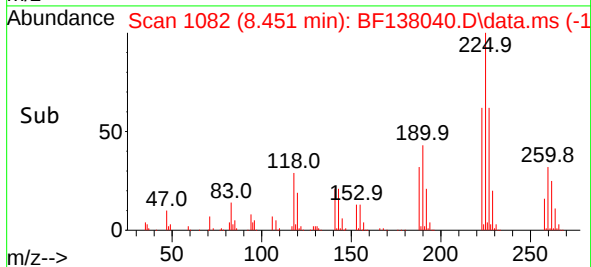
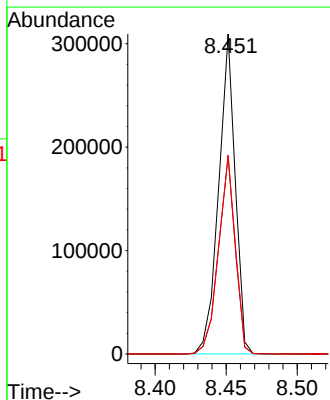
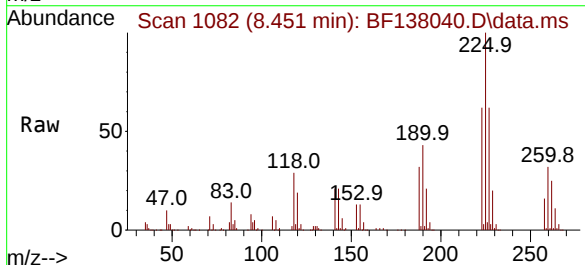
Instrument :
BNA_F
ClientSampleId :
PB161134BS

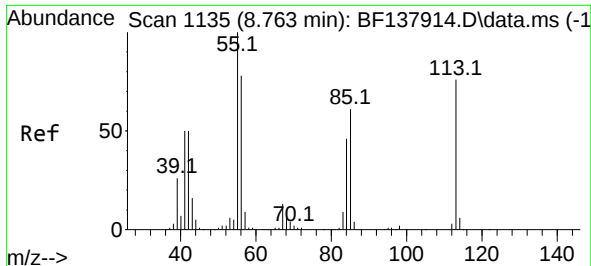
Tgt Ion:	127	Resp:	175401
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.4	38.2
65	29.3	22.0	33.0
92	19.0	15.8	23.8



#34
Hexachlorobutadiene
Concen: 42.588 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Tgt Ion:	225	Resp:	250728
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.0	75.0
227	62.1	50.2	75.4

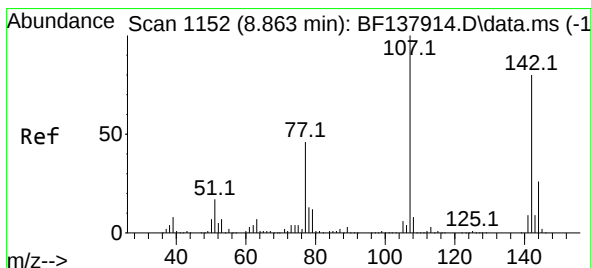
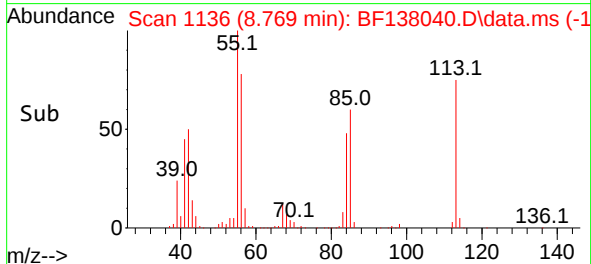
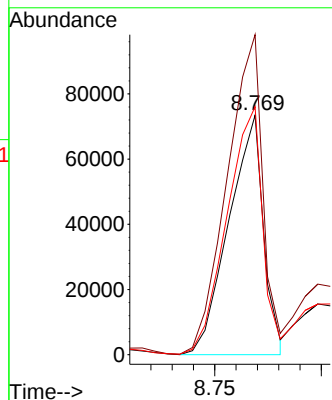
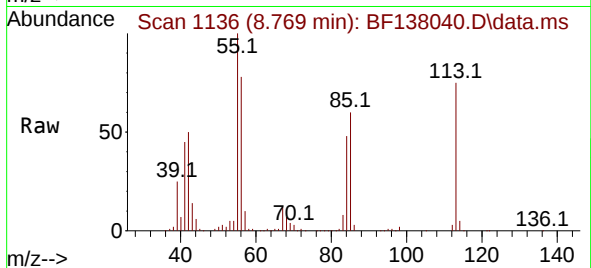




#35
 Caprolactam
 Concen: 34.364 ng
 RT: 8.769 min Scan# 1135
 Delta R.T. 0.006 min
 Lab File: BF138040.D
 Acq: 28 May 2024 11:38

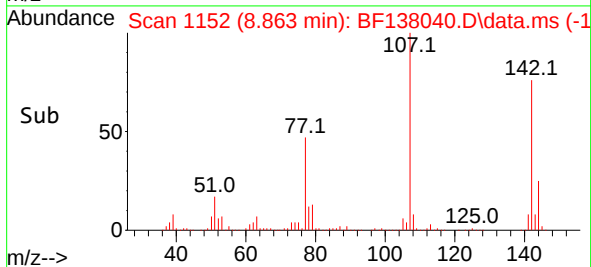
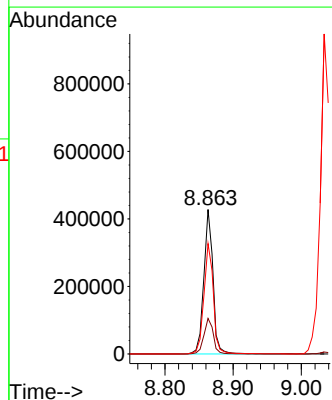
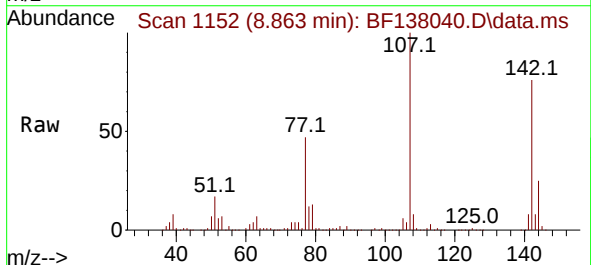
Instrument :
 BNA_F
 ClientSampleId :
 PB161134BS

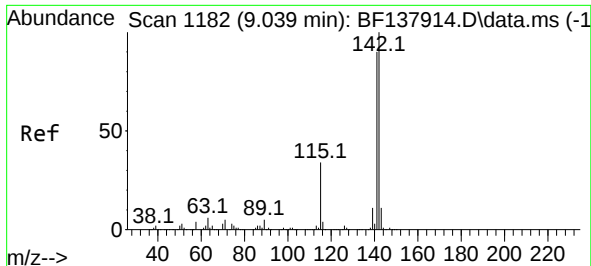
Tgt Ion:113 Resp: 82937
 Ion Ratio Lower Upper
 113 100
 55 133.6 112.3 152.3
 56 103.5 82.7 122.7



#36
 4-Chloro-3-methylphenol
 Concen: 47.299 ng
 RT: 8.863 min Scan# 1152
 Delta R.T. 0.000 min
 Lab File: BF138040.D
 Acq: 28 May 2024 11:38

Tgt Ion:107 Resp: 400830
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.7 31.1
 142 76.4 64.0 96.0





#37

2-Methylnaphthalene

Concen: 44.919 ng

RT: 9.034 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

Instrument :

BNA_F

ClientSampleId :

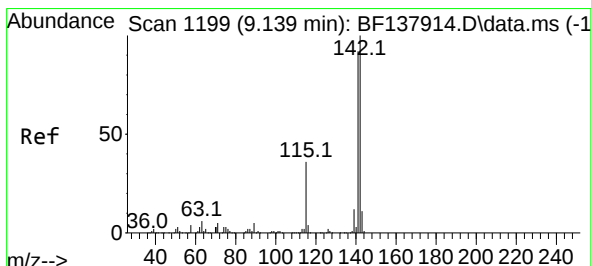
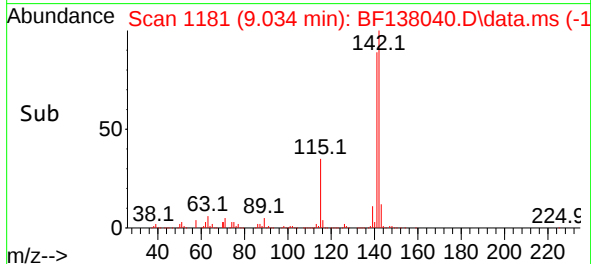
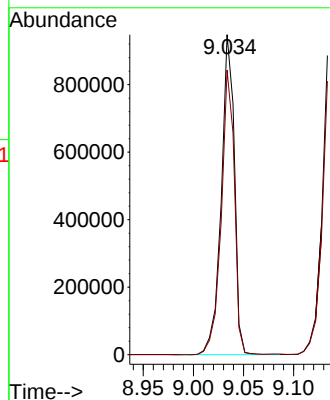
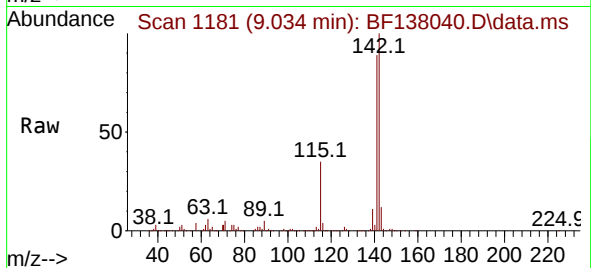
PB161134BS

Tgt Ion:142 Resp: 862449

Ion Ratio Lower Upper

142 100

141 88.9 72.0 108.0



#38

1-Methylnaphthalene

Concen: 42.573 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF138040.D

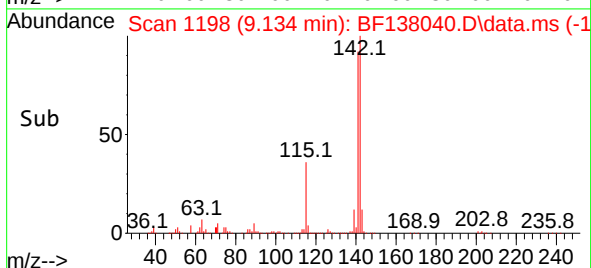
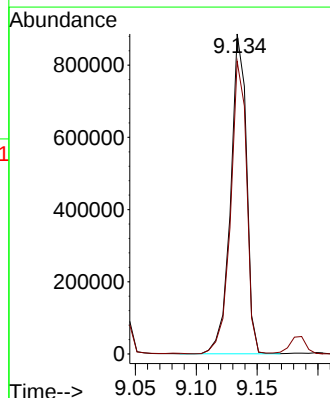
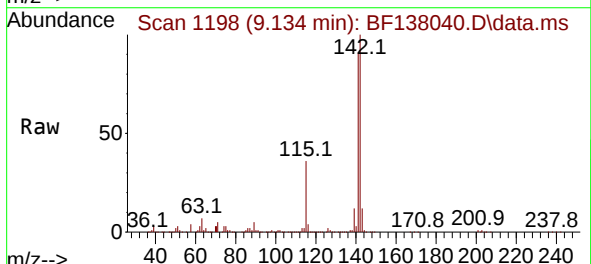
Acq: 28 May 2024 11:38

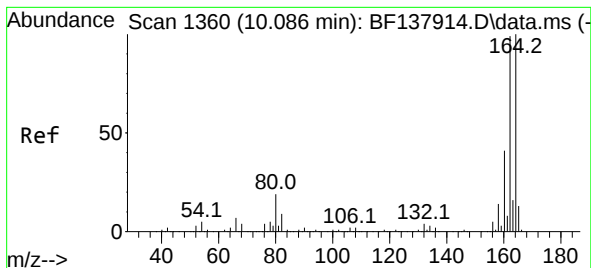
Tgt Ion:142 Resp: 803605

Ion Ratio Lower Upper

142 100

141 91.5 73.7 110.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.086 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB161134BS

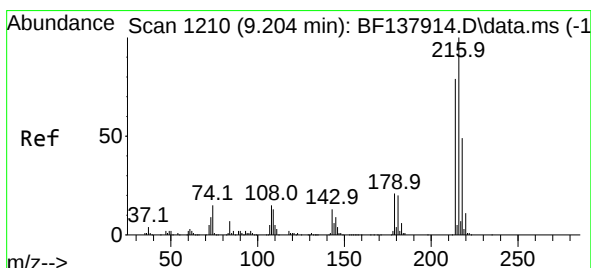
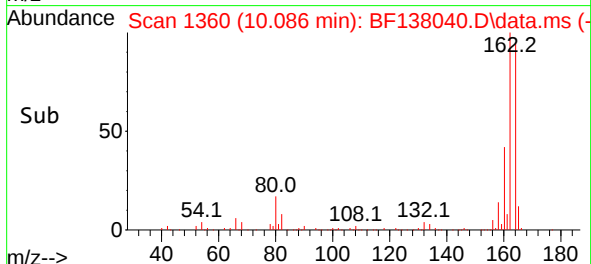
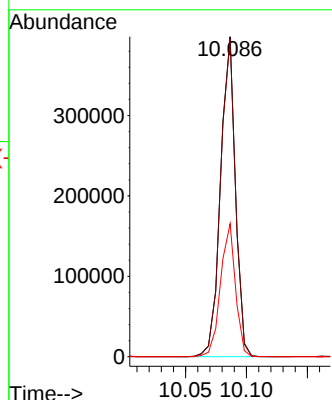
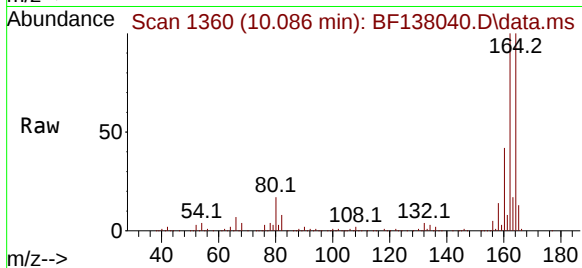
Tgt Ion:164 Resp: 337531

Ion Ratio Lower Upper

164 100

162 99.5 79.4 119.2

160 41.6 33.1 49.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.670 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

Tgt Ion:216 Resp: 419080

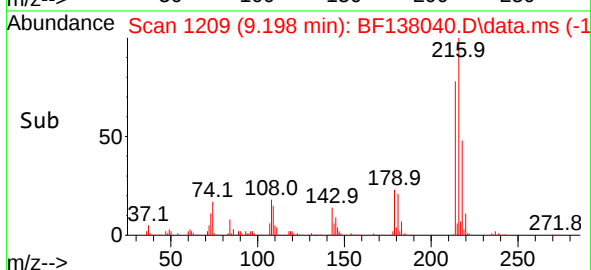
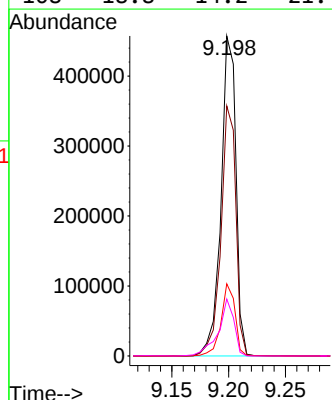
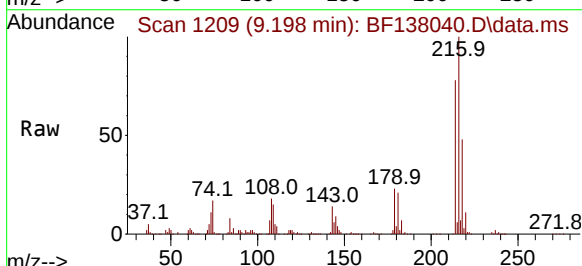
Ion Ratio Lower Upper

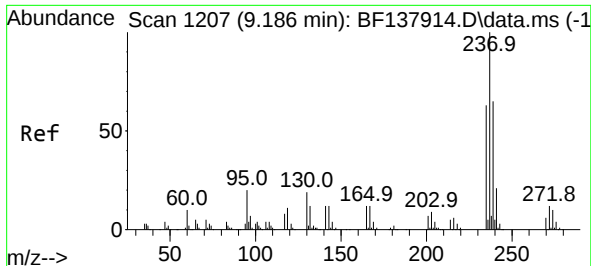
216 100

214 78.0 63.4 95.2

179 21.1 17.0 25.4

108 18.8 14.2 21.4

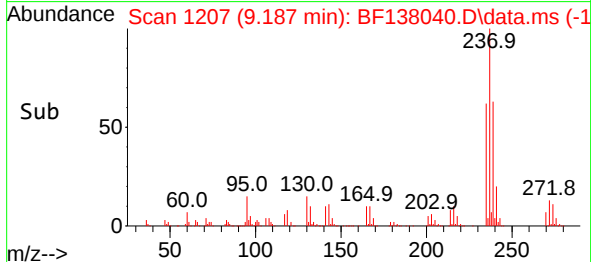
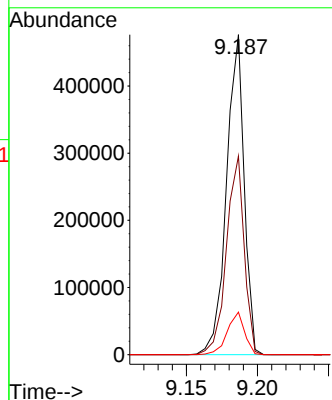
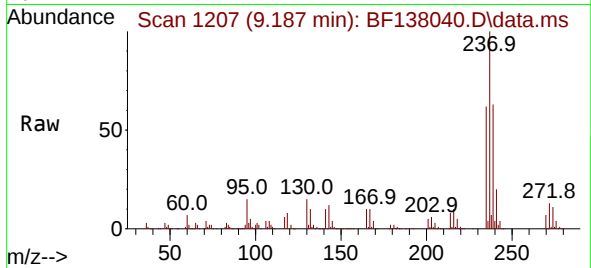




#41
Hexachlorocyclopentadiene
Concen: 118.239 ng
RT: 9.187 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

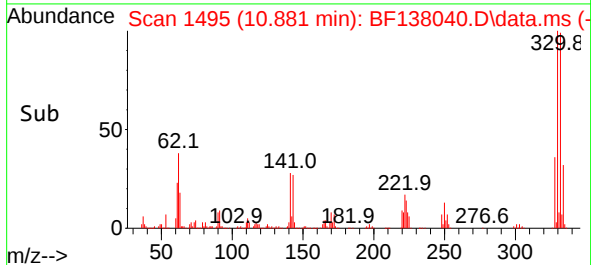
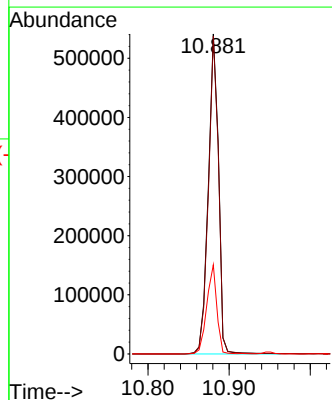
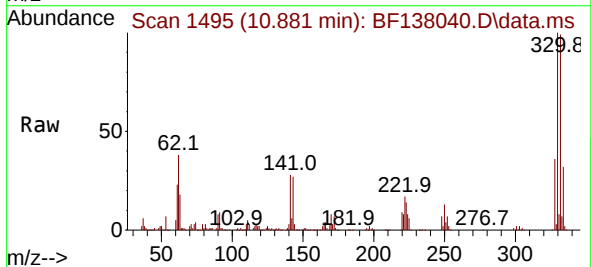
Instrument :
BNA_F
ClientSampleId :
PB161134BS

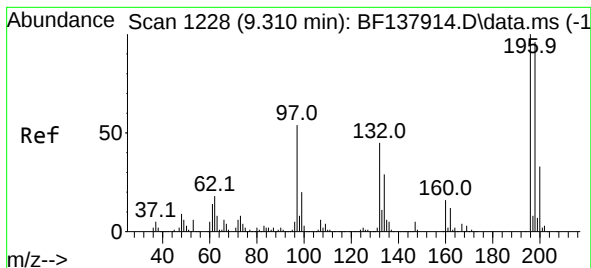
Tgt Ion:237 Resp: 412266
Ion Ratio Lower Upper
237 100
235 62.0 42.8 82.8
272 13.3 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 138.648 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Tgt Ion:330 Resp: 471863
Ion Ratio Lower Upper
330 100
332 97.9 75.8 113.8
141 27.5 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 47.209 ng

RT: 9.310 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB161134BS

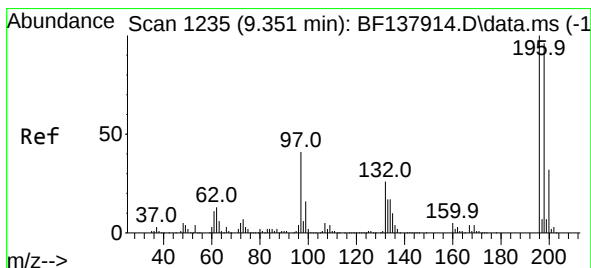
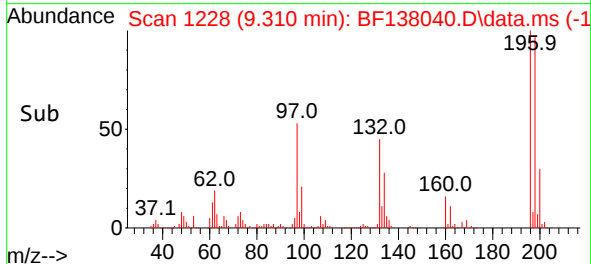
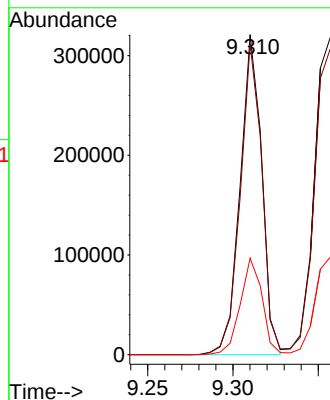
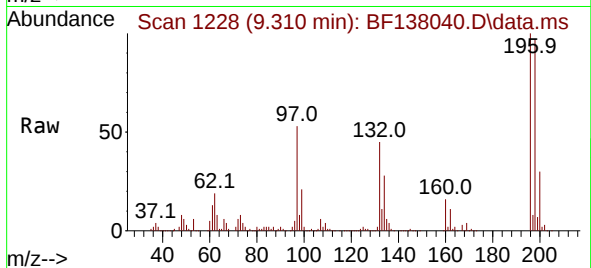
Tgt Ion:196 Resp: 284038

Ion Ratio Lower Upper

196 100

198 97.2 77.0 115.4

200 30.1 26.2 39.2



#44

2,4,5-Trichlorophenol

Concen: 46.523 ng

RT: 9.357 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

Tgt Ion:196 Resp: 306267

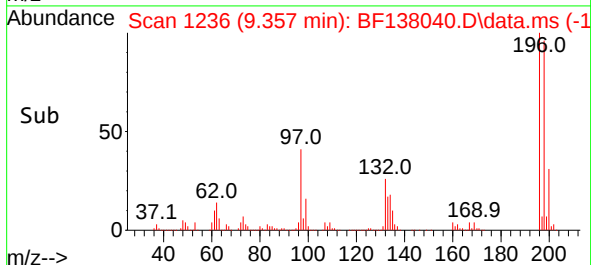
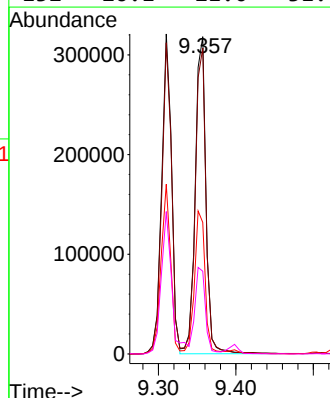
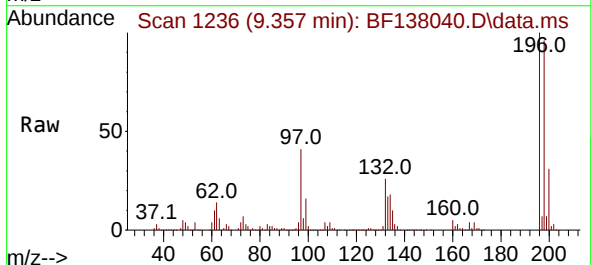
Ion Ratio Lower Upper

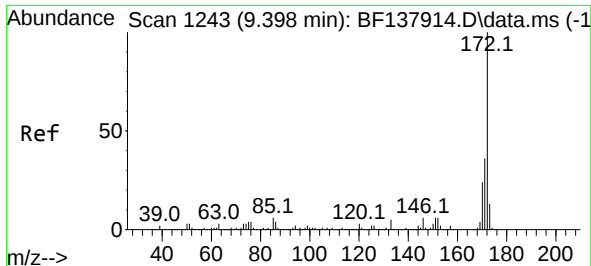
196 100

198 96.4 77.4 116.0

97 41.4 32.9 49.3

132 26.1 21.0 31.6





#45

2-Fluorobiphenyl

Concen: 82.528 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB161134BS

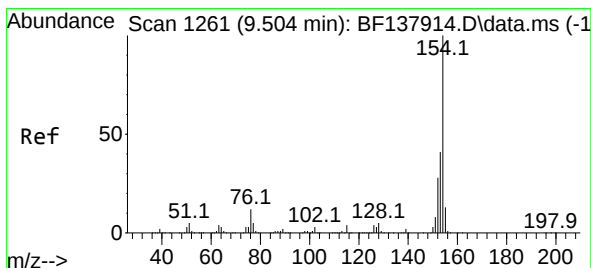
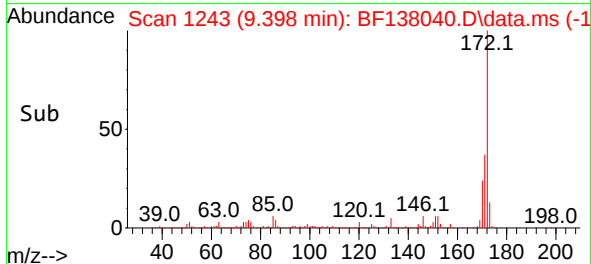
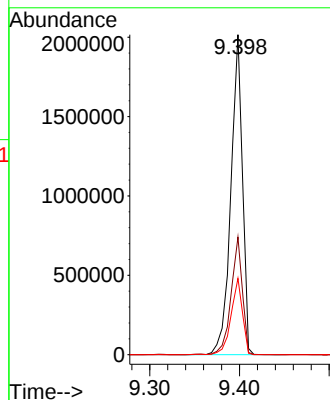
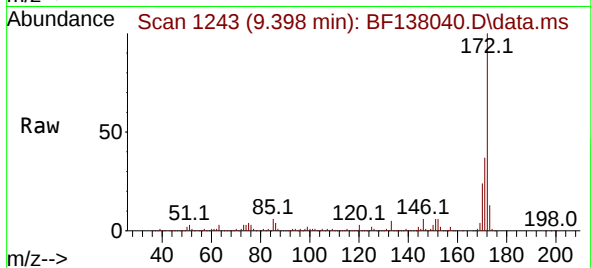
Tgt Ion:172 Resp: 1808355

Ion Ratio Lower Upper

172 100

171 36.8 28.9 43.3

170 23.9 18.9 28.3



#46

1,1'-Biphenyl

Concen: 44.869 ng

RT: 9.504 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

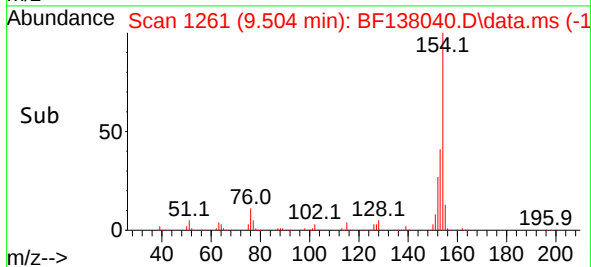
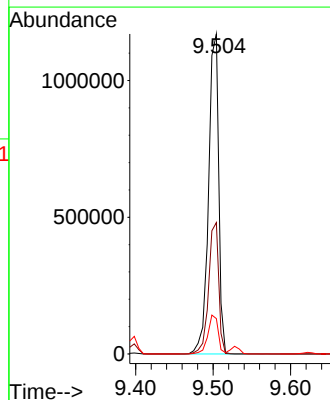
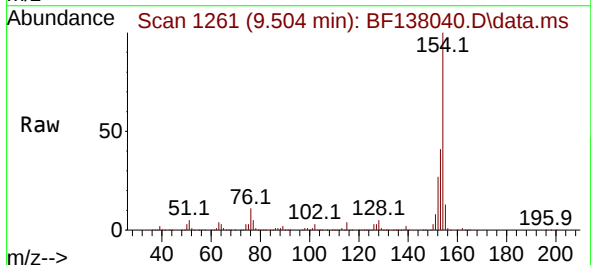
Tgt Ion:154 Resp: 1062222

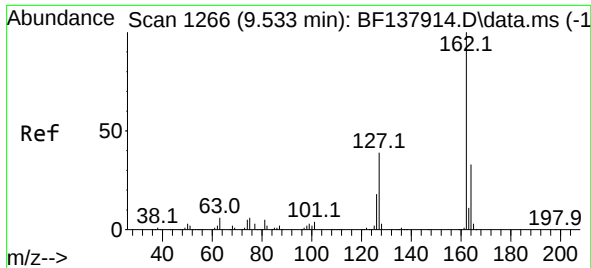
Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

76 11.0 0.0 31.9

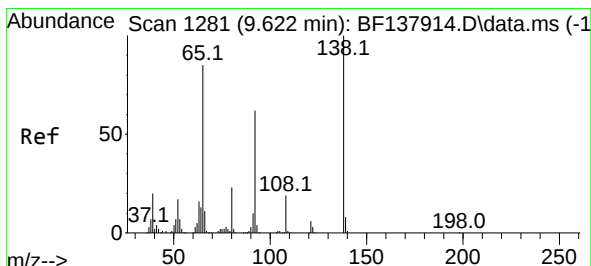
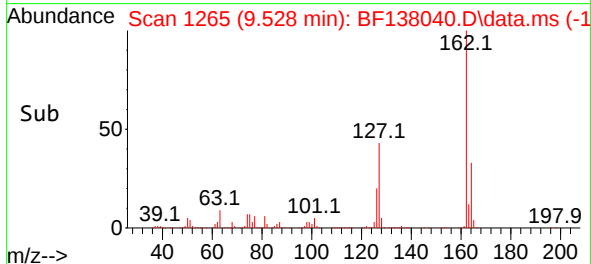
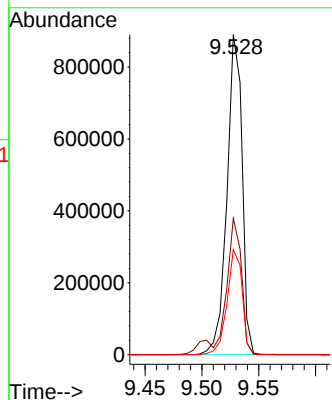
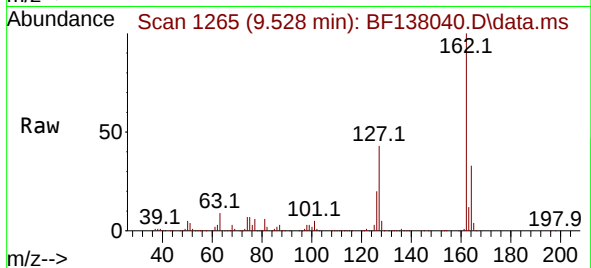




#47
2-Chloronaphthalene
Concen: 43.679 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

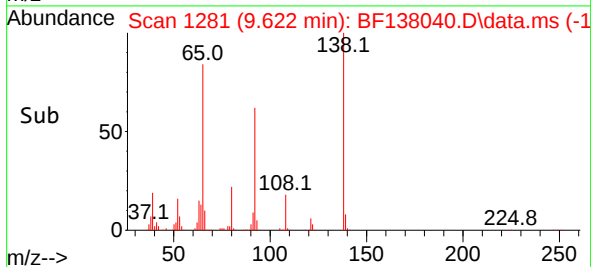
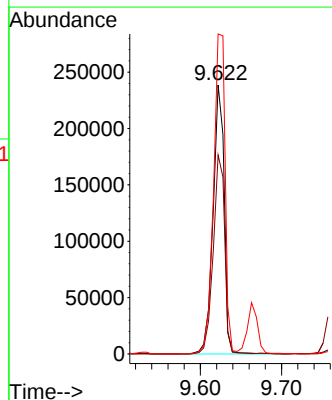
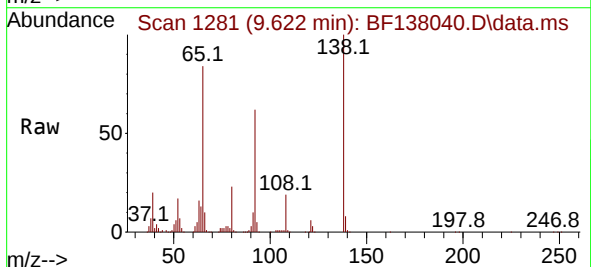
Instrument :
BNA_F
ClientSampleId :
PB161134BS

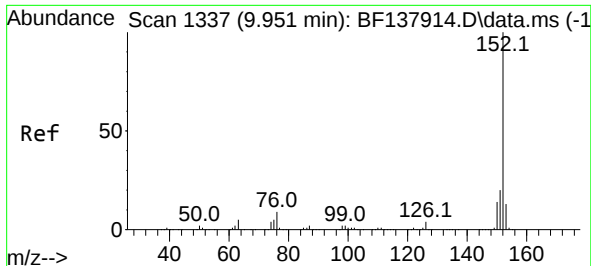
Tgt Ion:162 Resp: 825452
Ion Ratio Lower Upper
162 100
127 42.6 32.0 48.0
164 32.8 26.2 39.4



#48
2-Nitroaniline
Concen: 46.735 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Tgt Ion: 65 Resp: 226168
Ion Ratio Lower Upper
65 100
92 74.0 58.6 88.0
138 119.0 94.1 141.1





#49

Acenaphthylene

Concen: 48.198 ng

RT: 9.951 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB161134BS

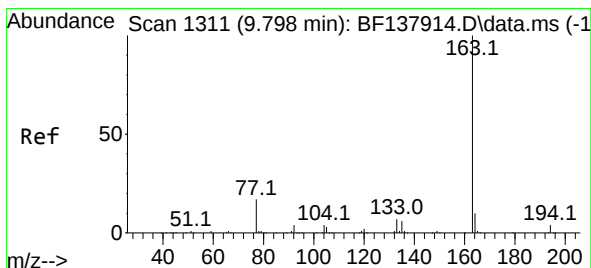
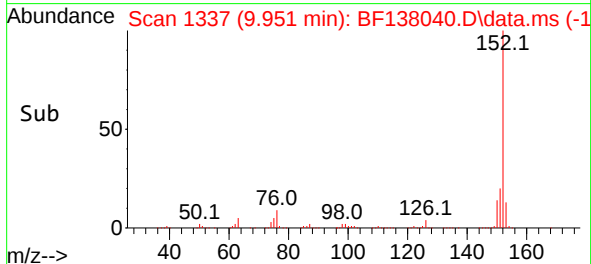
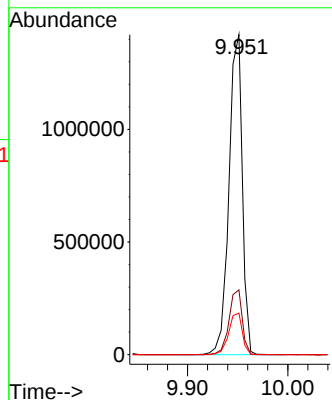
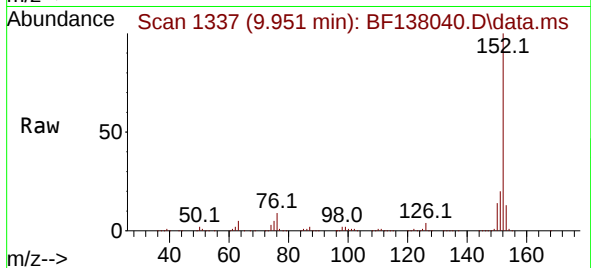
Tgt Ion:152 Resp: 1309699

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

153 13.0 10.2 15.4



#50

Dimethylphthalate

Concen: 47.042 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

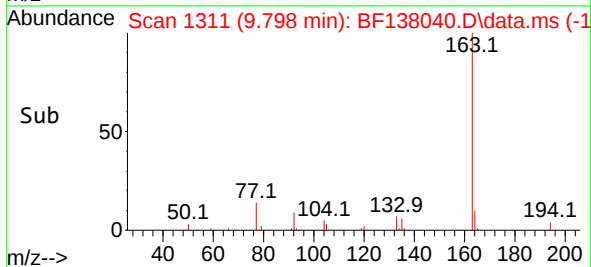
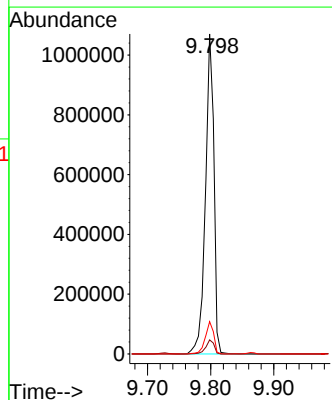
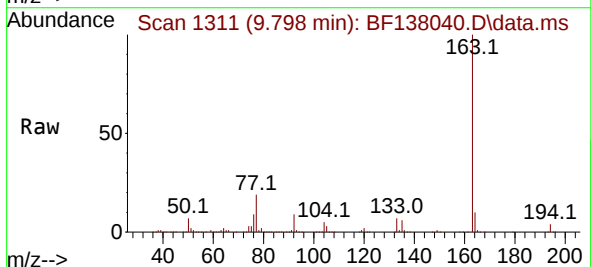
Tgt Ion:163 Resp: 995692

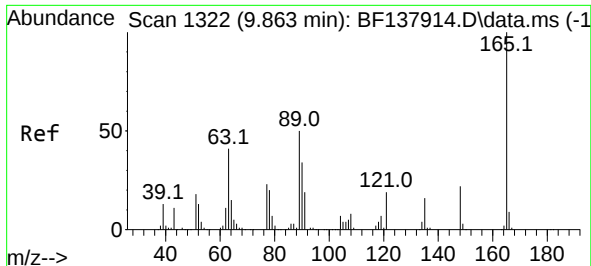
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 10.1 8.0 12.0

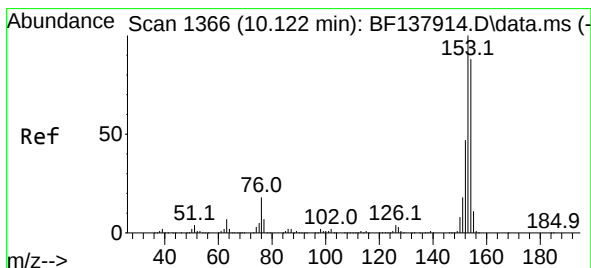
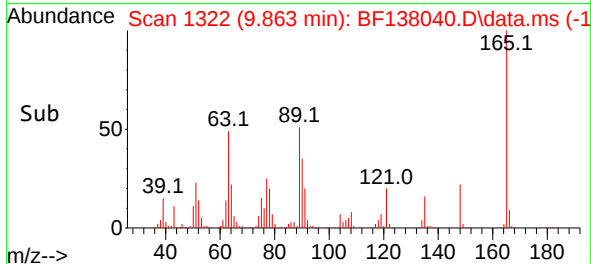
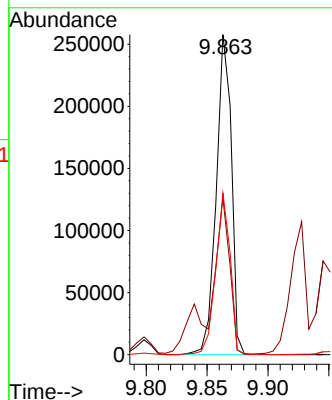
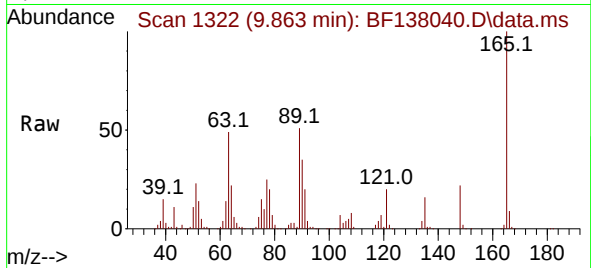




#51
2,6-Dinitrotoluene
Concen: 45.818 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

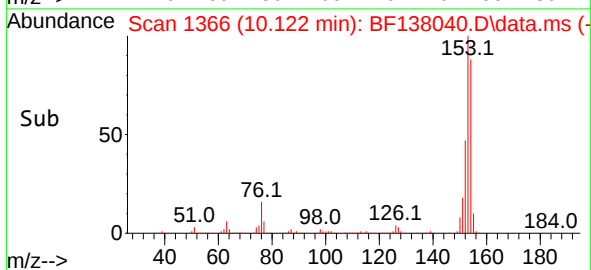
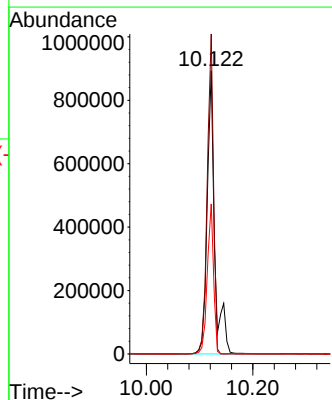
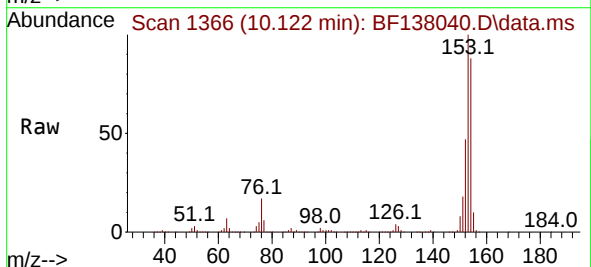
Instrument :
BNA_F
ClientSampleId :
PB161134BS

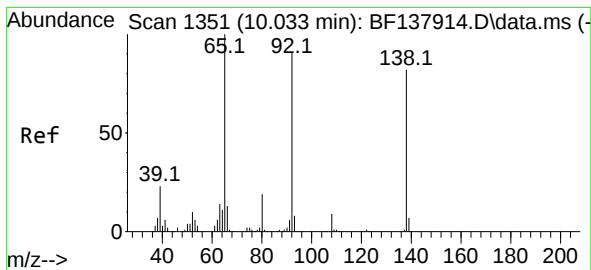
Tgt Ion:165 Resp: 222579
Ion Ratio Lower Upper
165 100
63 49.0 38.9 58.3
89 50.5 40.4 60.6



#52
Acenaphthene
Concen: 49.058 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Tgt Ion:154 Resp: 881072
Ion Ratio Lower Upper
154 100
153 113.0 90.4 135.6
152 53.0 42.3 63.5

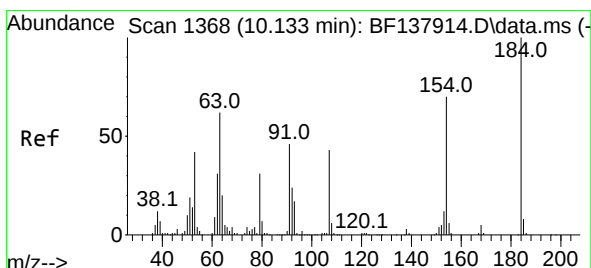
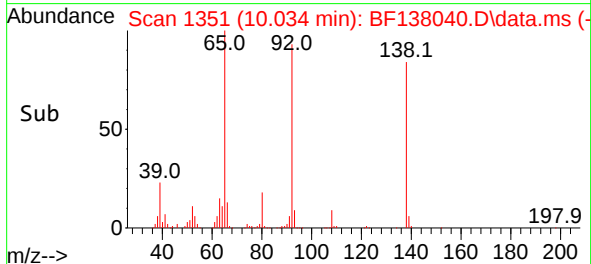
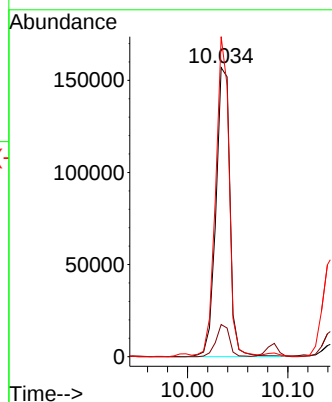
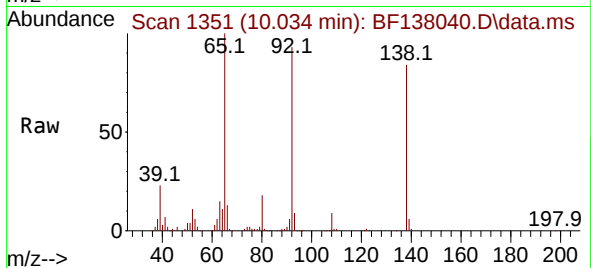




#53
3-Nitroaniline
Concen: 32.063 ng
RT: 10.034 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

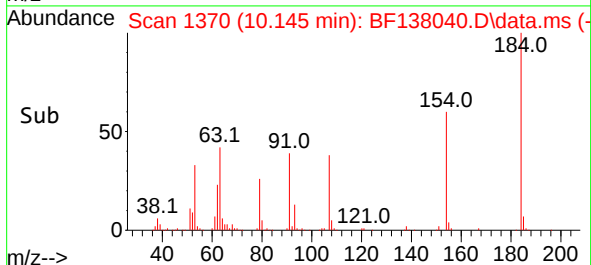
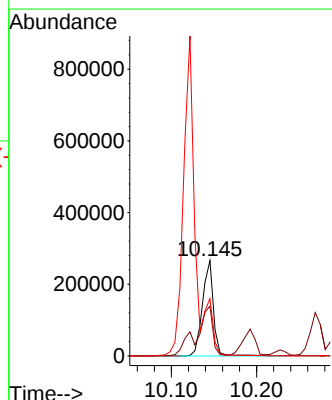
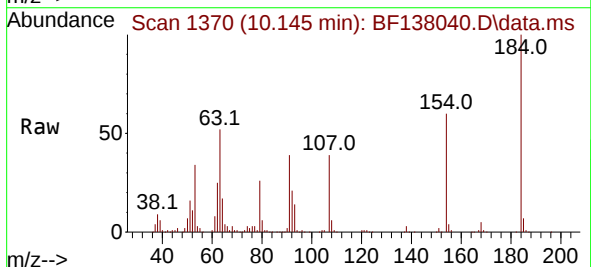
Instrument :
BNA_F
ClientSampleId :
PB161134BS

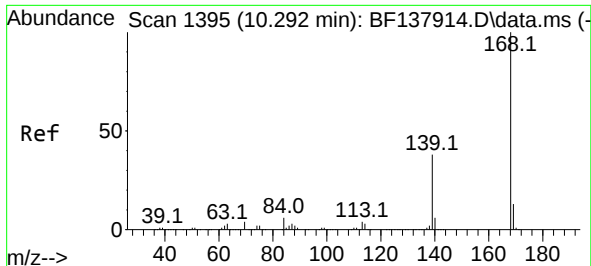
Tgt Ion:138 Resp: 152271
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 110.7 88.6 133.0



#54
2,4-Dinitrophenol
Concen: 90.229 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.012 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Tgt Ion:184 Resp: 239360
Ion Ratio Lower Upper
184 100
63 52.2 50.4 75.6
154 60.0 63.7 95.5#

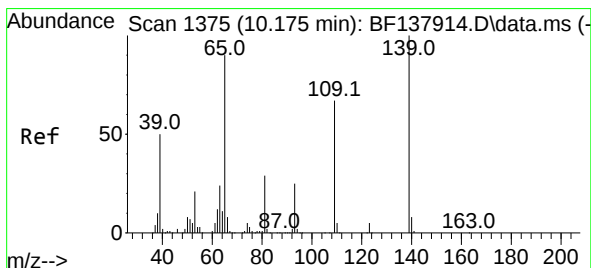
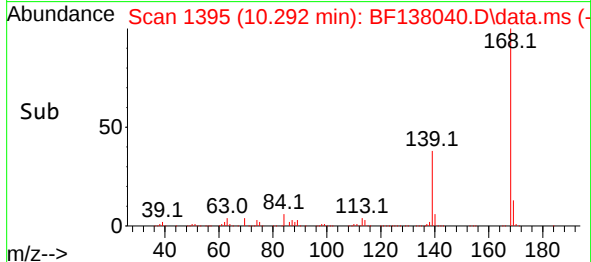
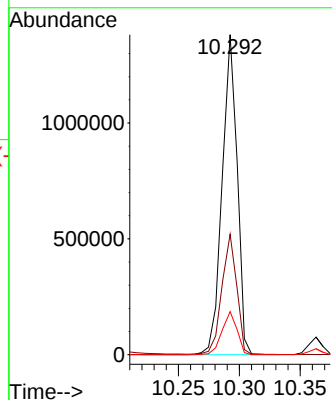
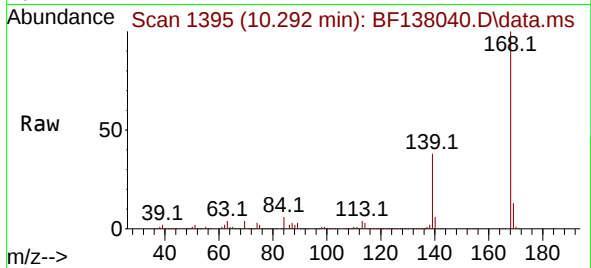




#55
Dibenzenofuran
Concen: 45.319 ng
RT: 10.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

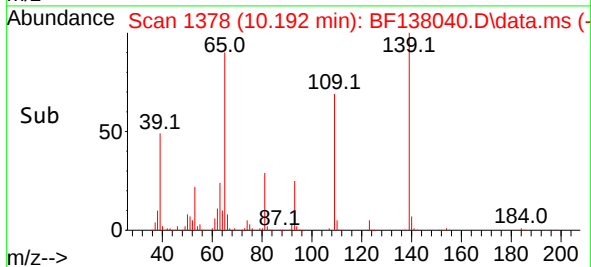
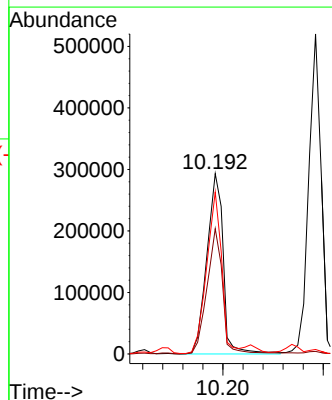
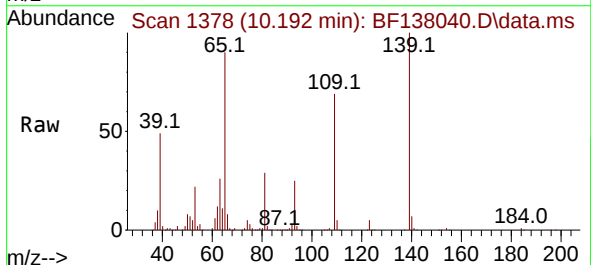
Instrument :
BNA_F
ClientSampleId :
PB161134BS

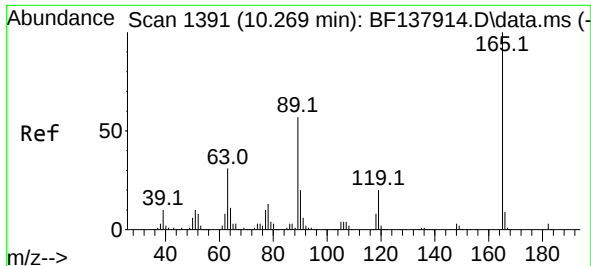
Tgt Ion:168 Resp: 1184524
Ion Ratio Lower Upper
168 100
139 37.7 30.4 45.6
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 97.742 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.018 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

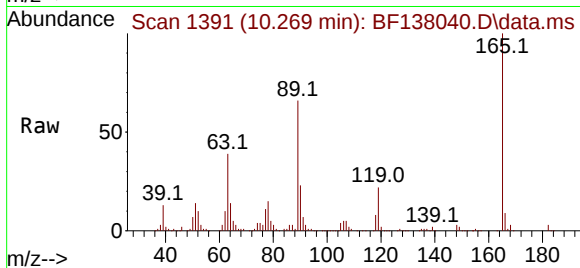
Tgt Ion:139 Resp: 333391
Ion Ratio Lower Upper
139 100
109 69.5 46.5 86.5
65 89.9 70.4 110.4



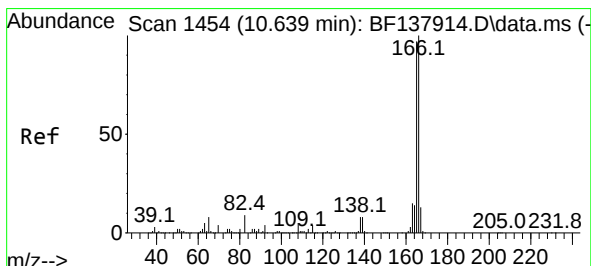
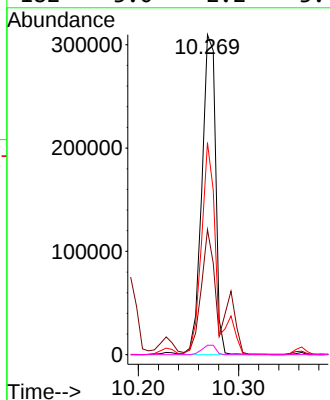
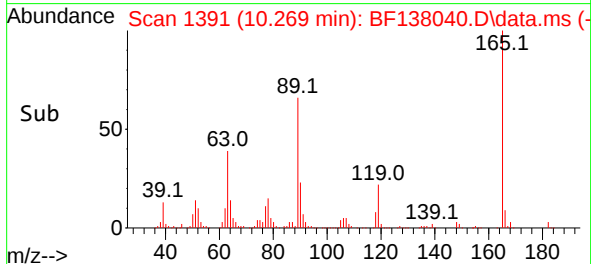


#57
2,4-Dinitrotoluene
Concen: 47.327 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

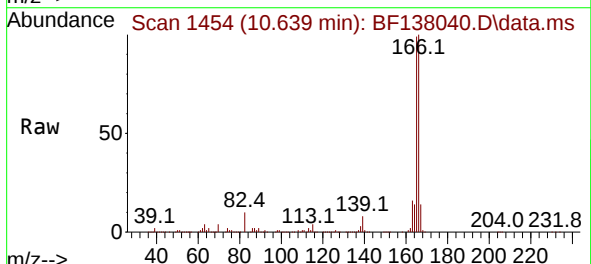
Instrument :
BNA_F
ClientSampleId :
PB161134BS



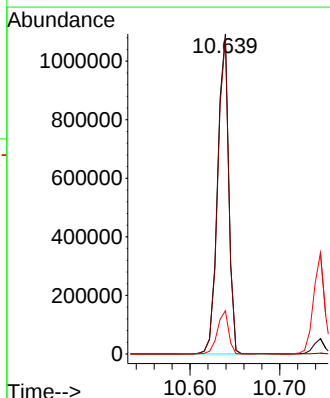
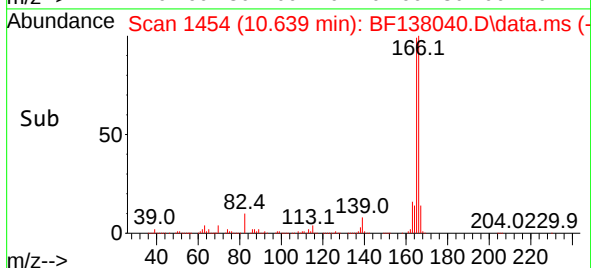
Tgt Ion:165 Resp: 297218
Ion Ratio Lower Upper
165 100
63 39.1 25.3 37.9#
89 66.3 45.9 68.9
182 3.0 2.2 3.4

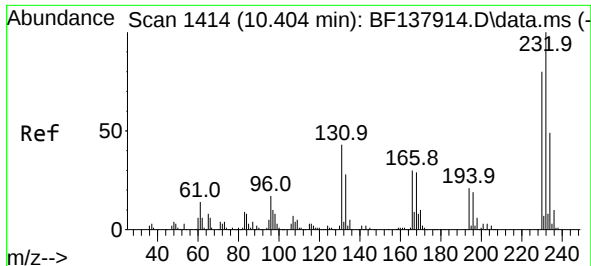


#58
Fluorene
Concen: 45.365 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38



Tgt Ion:166 Resp: 937870
Ion Ratio Lower Upper
166 100
165 99.0 77.8 116.8
167 13.5 10.4 15.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.229 ng

RT: 10.404 min Scan# 1414

Delta R.T. 0.000 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB161134BS

Tgt Ion:232 Resp: 259767

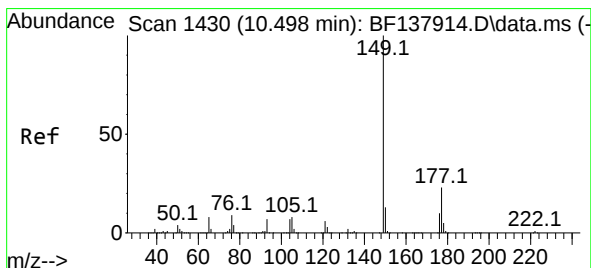
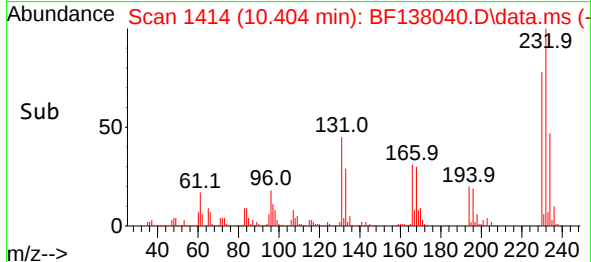
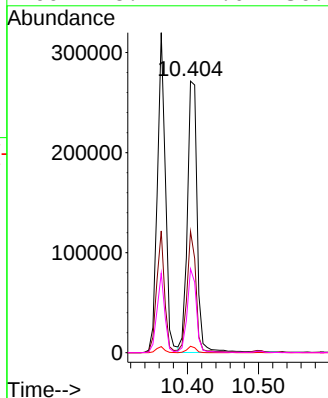
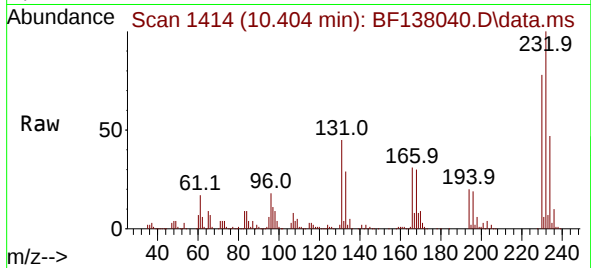
Ion Ratio Lower Upper

232 100

131 40.7 34.4 51.6

130 2.1 1.7 2.5

166 28.7 24.0 36.0



#60

Diethylphthalate

Concen: 47.254 ng

RT: 10.498 min Scan# 1430

Delta R.T. 0.000 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

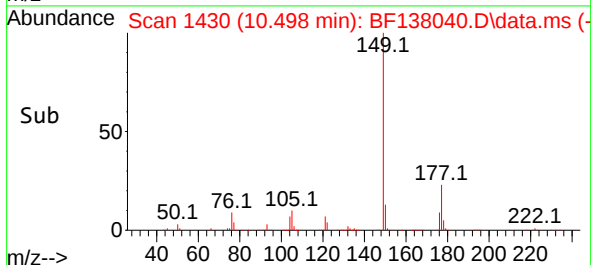
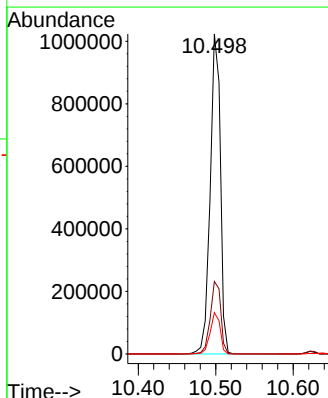
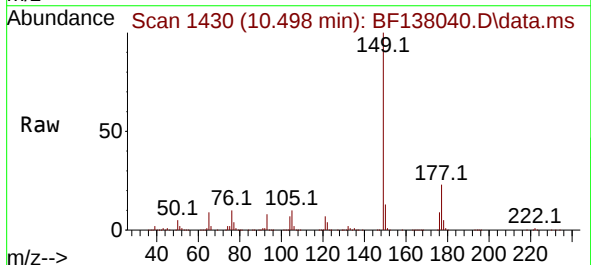
Tgt Ion:149 Resp: 934100

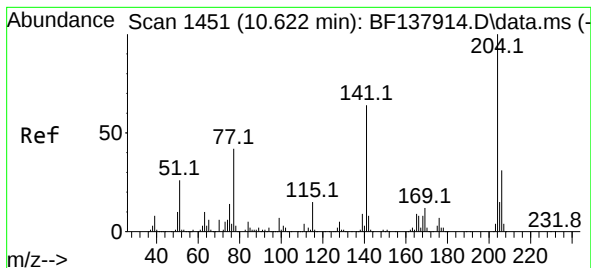
Ion Ratio Lower Upper

149 100

177 22.7 18.4 27.6

150 12.9 10.1 15.1

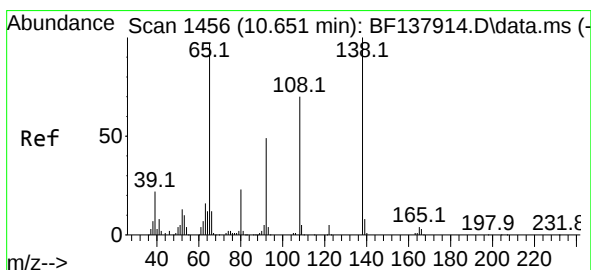
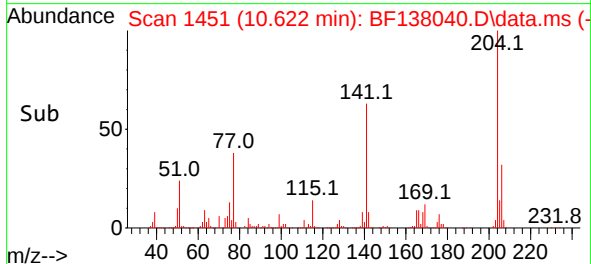
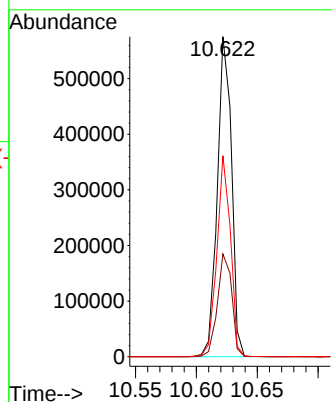
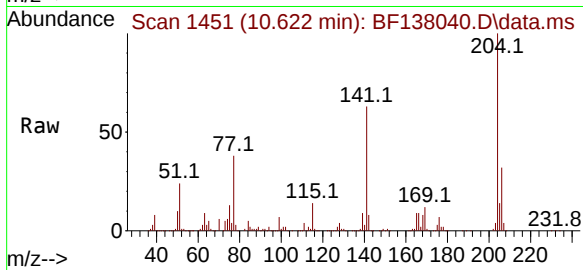




#61
4-Chlorophenyl-phenylether
Concen: 45.910 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

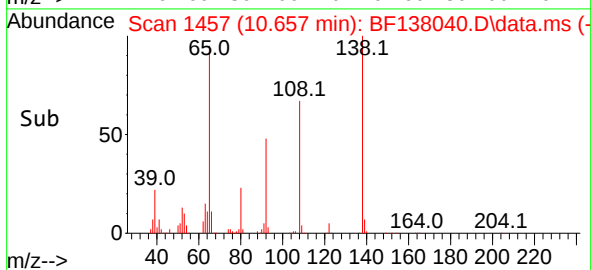
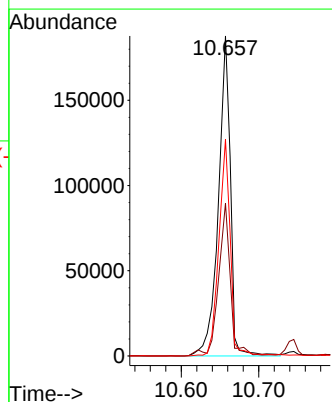
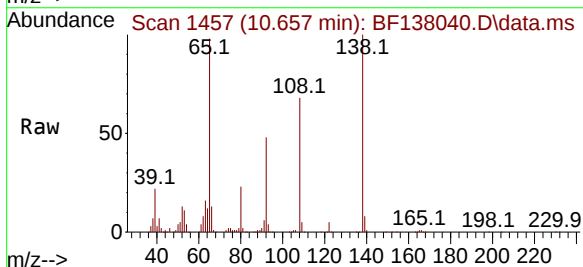
Instrument :
BNA_F
ClientSampleId :
PB161134BS

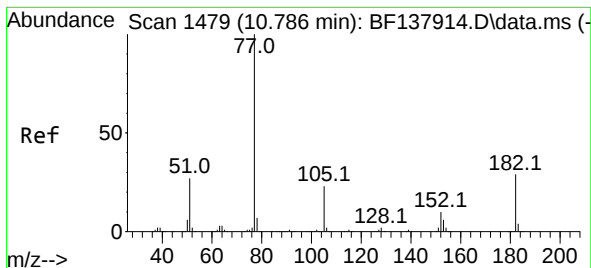
Tgt Ion:204 Resp: 468065
Ion Ratio Lower Upper
204 100
206 32.1 25.1 37.7
141 62.8 51.0 76.6



#62
4-Nitroaniline
Concen: 44.878 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Tgt Ion:138 Resp: 202148
Ion Ratio Lower Upper
138 100
92 47.8 29.0 69.0
108 67.6 49.7 89.7





#63

Azobenzene

Concen: 46.555 ng

RT: 10.786 min Scan# 1479

Delta R.T. 0.000 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB161134BS

Tgt Ion: 77 Resp: 837080

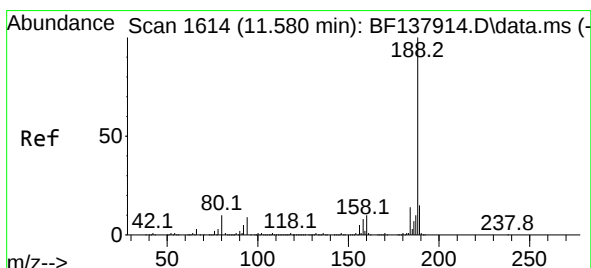
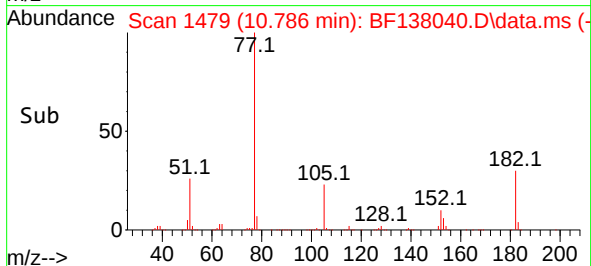
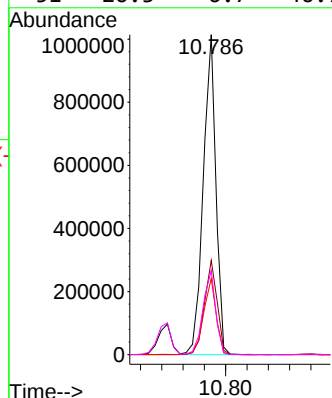
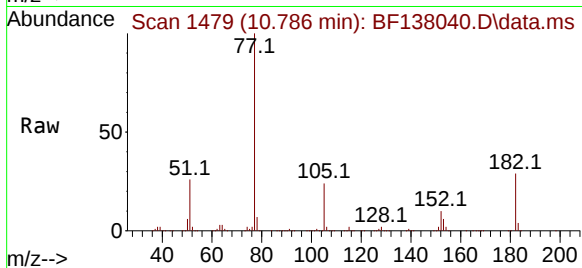
Ion Ratio Lower Upper

77 100

182 29.5 9.2 49.2

105 23.8 3.1 43.1

51 26.3 6.7 46.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.580 min Scan# 1614

Delta R.T. 0.000 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

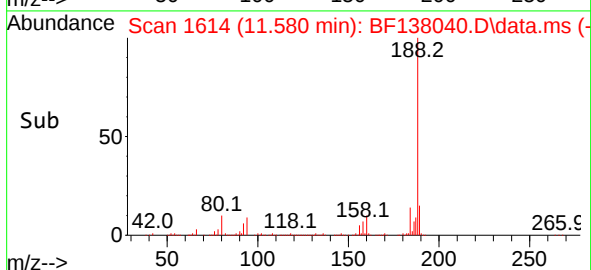
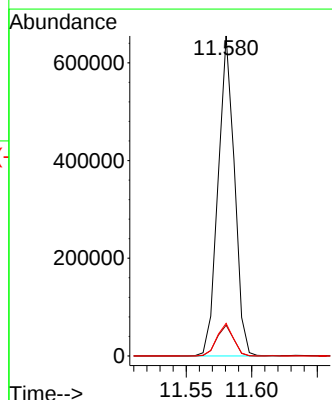
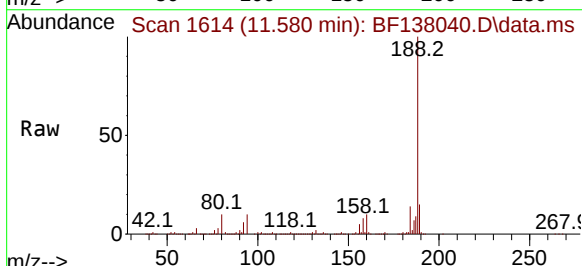
Tgt Ion: 188 Resp: 567544

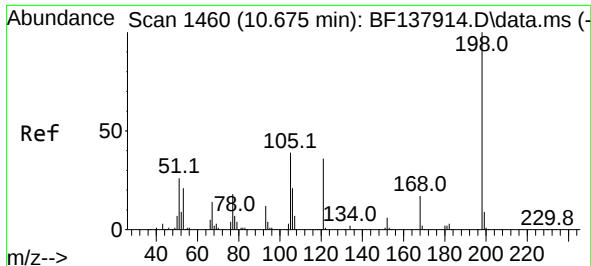
Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.4

80 10.2 7.7 11.5

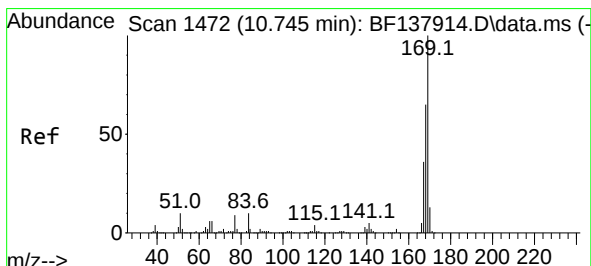
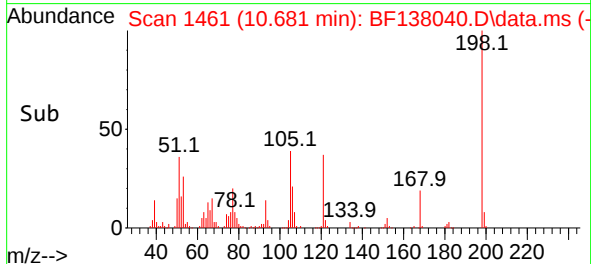
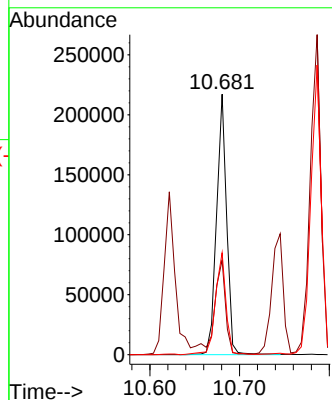
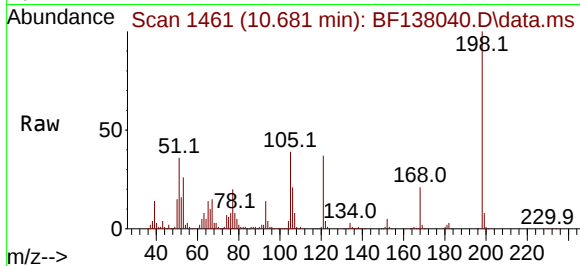




#65
4,6-Dinitro-2-methylphenol
Concen: 51.796 ng
RT: 10.681 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

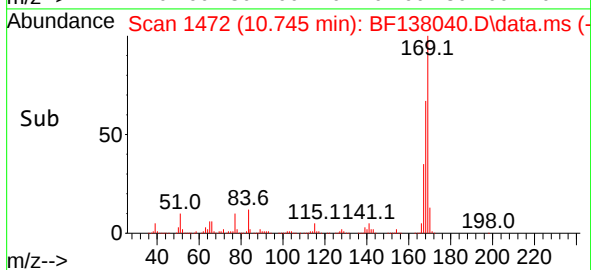
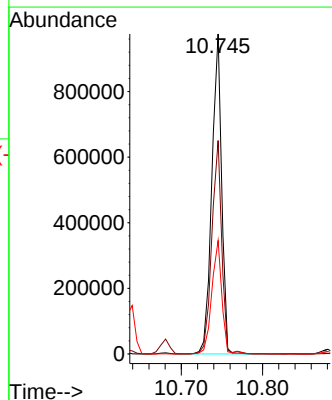
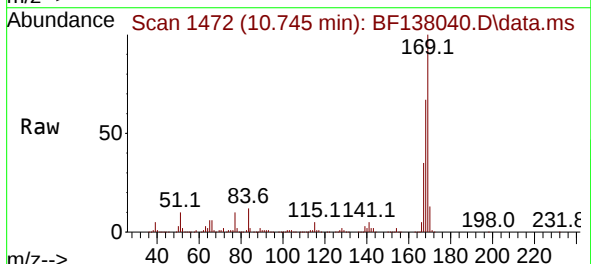
Instrument :
BNA_F
ClientSampleId :
PB161134BS

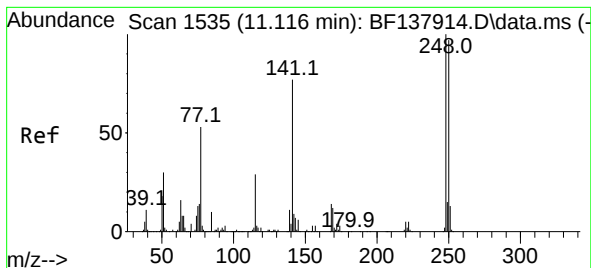
Tgt Ion:198 Resp: 169736
Ion Ratio Lower Upper
198 100
51 36.3 13.8 53.8
105 39.1 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 46.805 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Tgt Ion:169 Resp: 814637
Ion Ratio Lower Upper
169 100
168 66.7 52.4 78.6
167 35.5 28.9 43.3

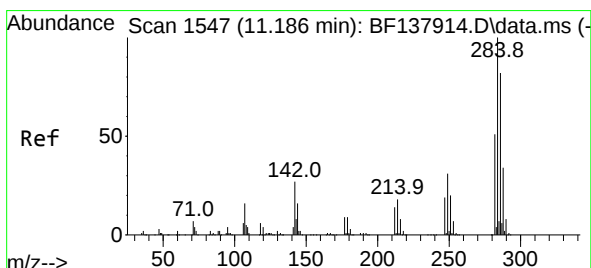
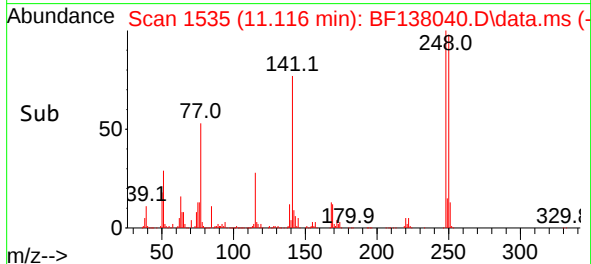
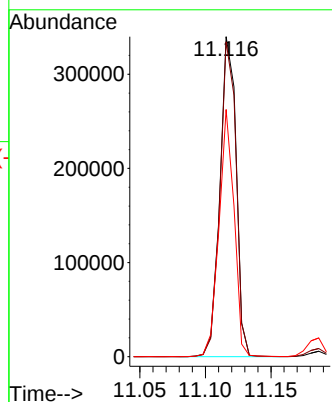
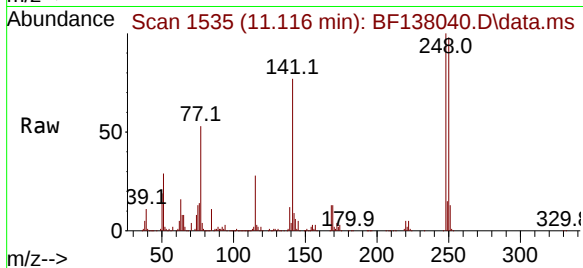




#67
4-Bromophenyl-phenylether
Concen: 46.901 ng
RT: 11.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

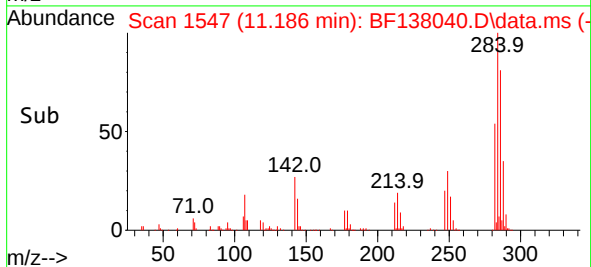
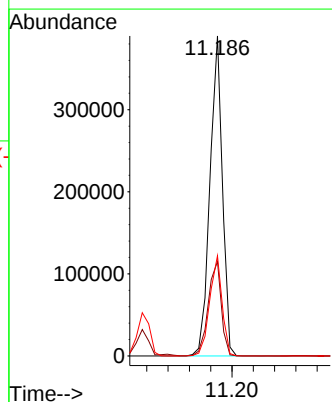
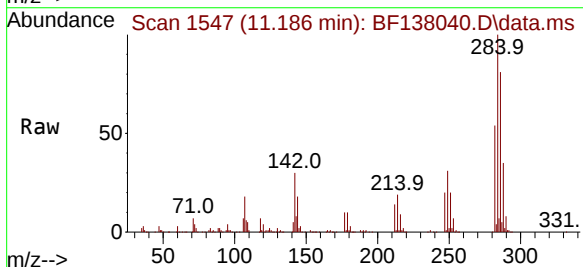
Instrument :
BNA_F
ClientSampleId :
PB161134BS

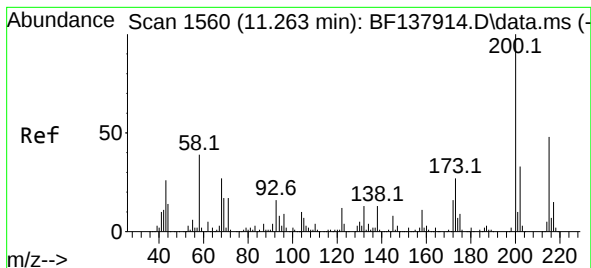
Tgt Ion:248 Resp: 291815
Ion Ratio Lower Upper
248 100
250 98.4 77.6 116.4
141 77.2 61.4 92.2



#68
Hexachlorobenzene
Concen: 46.224 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Tgt Ion:284 Resp: 317912
Ion Ratio Lower Upper
284 100
142 29.6 21.3 31.9
249 31.3 24.6 37.0





#69

Atrazine

Concen: 57.276 ng

RT: 11.269 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB161134BS

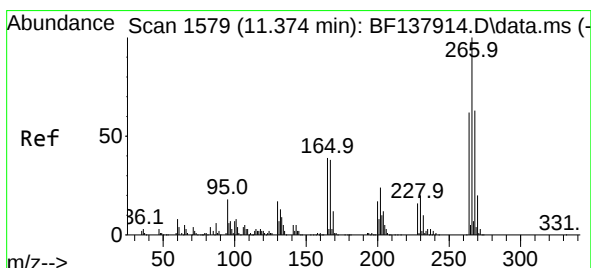
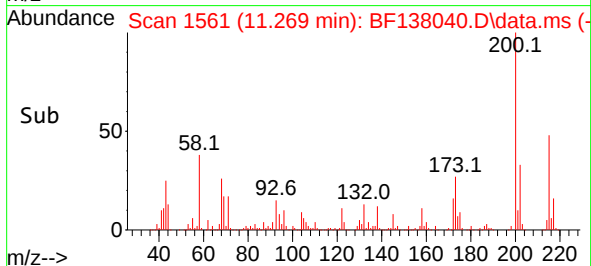
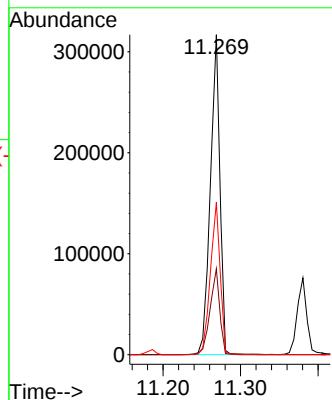
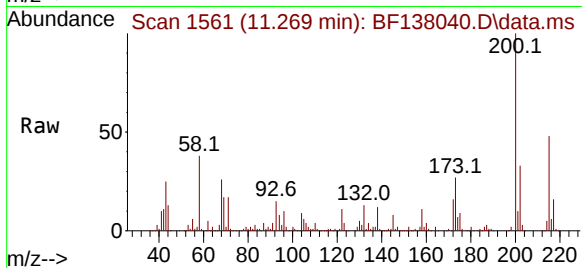
Tgt Ion:200 Resp: 272215

Ion Ratio Lower Upper

200 100

173 26.9 6.6 46.6

215 47.6 27.5 67.5



#70

Pentachlorophenol

Concen: 91.953 ng

RT: 11.381 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

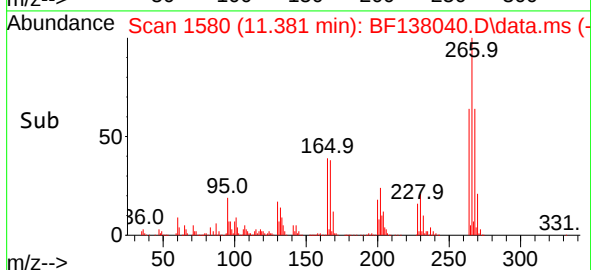
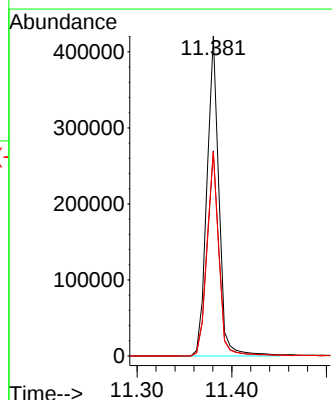
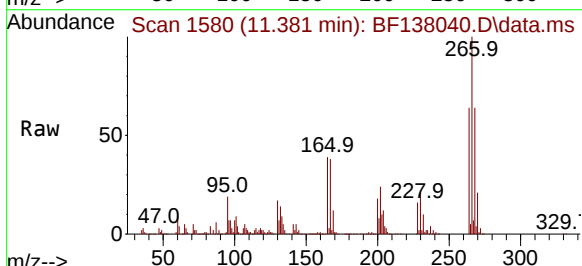
Tgt Ion:266 Resp: 370450

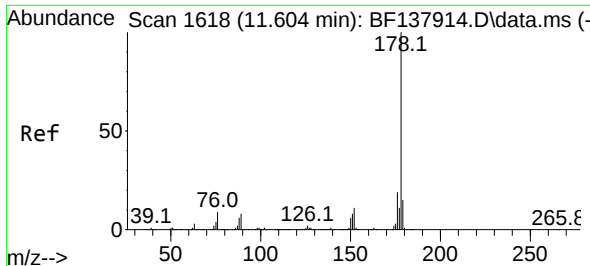
Ion Ratio Lower Upper

266 100

268 64.1 50.1 75.1

264 63.8 49.4 74.2

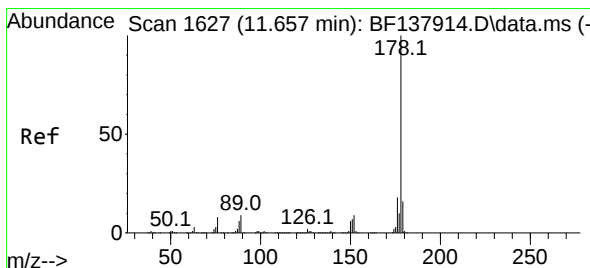
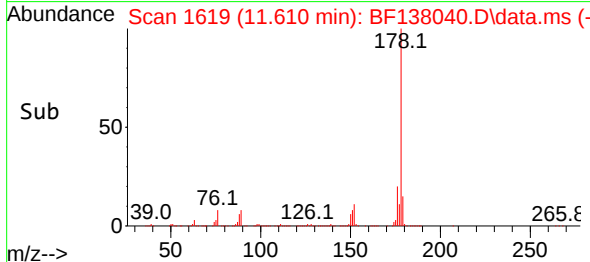
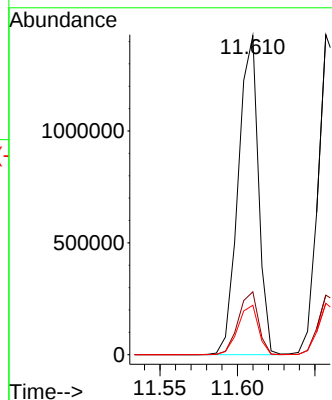
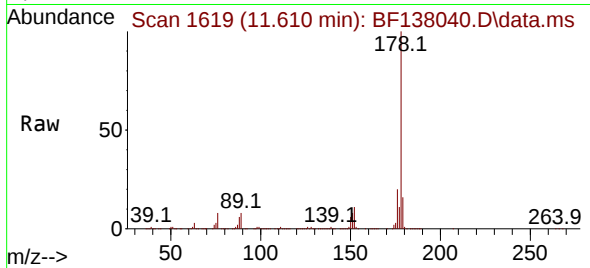




#71
Phenanthrene
Concen: 46.127 ng
RT: 11.610 min Scan# 1618
Delta R.T. 0.006 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

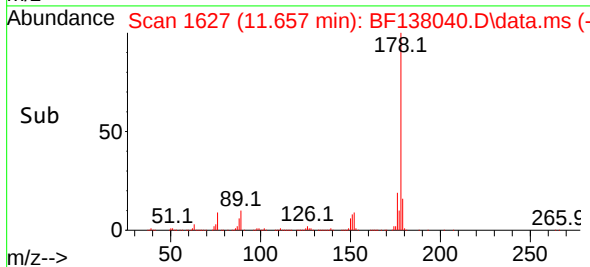
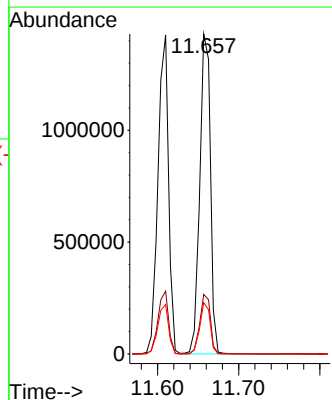
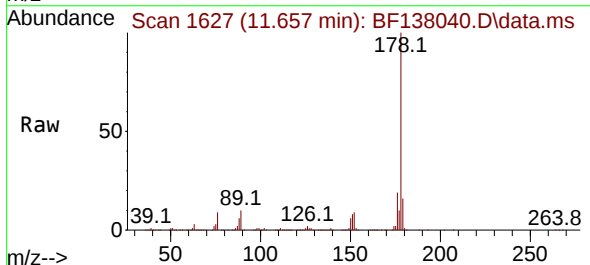
Instrument :
BNA_F
ClientSampleId :
PB161134BS

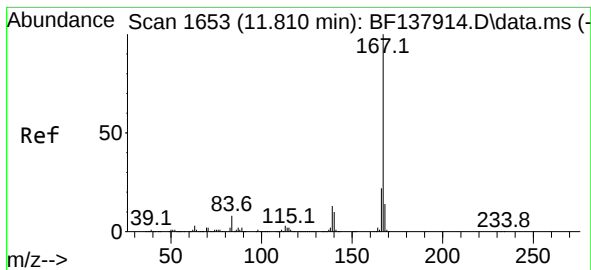
Tgt Ion:178 Resp: 1290084
Ion Ratio Lower Upper
178 100
176 19.7 15.2 22.8
179 15.5 12.2 18.4



#72
Anthracene
Concen: 47.284 ng
RT: 11.657 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Tgt Ion:178 Resp: 1312094
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 16.1 12.4 18.6





#73

Carbazole

Concen: 46.262 ng

RT: 11.810 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB161134BS

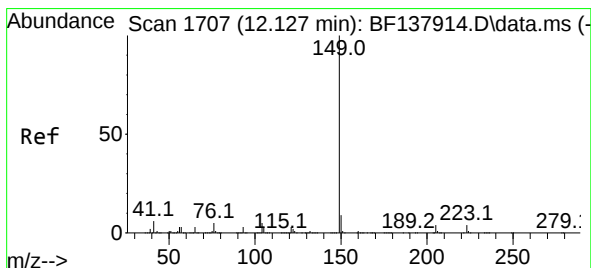
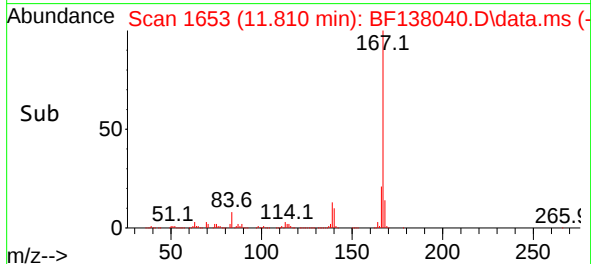
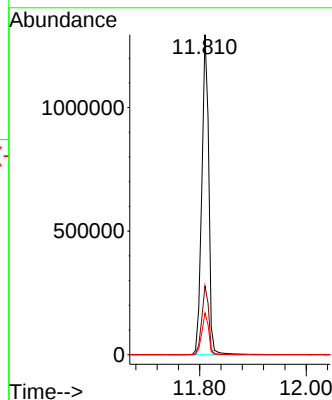
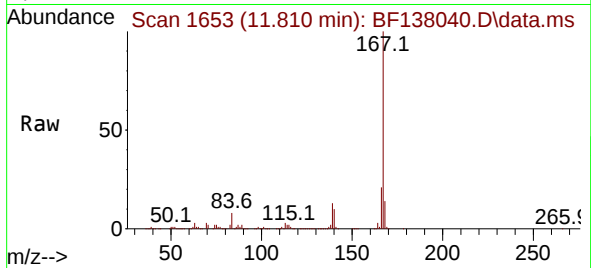
Tgt Ion:167 Resp: 1172701

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 13.0 10.3 15.5



#74

Di-n-butylphthalate

Concen: 50.187 ng

RT: 12.128 min Scan# 1707

Delta R.T. 0.000 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

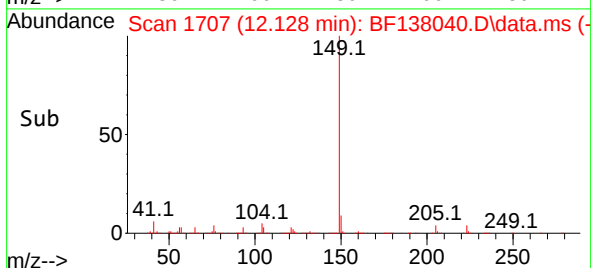
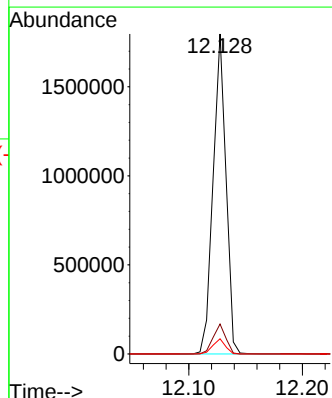
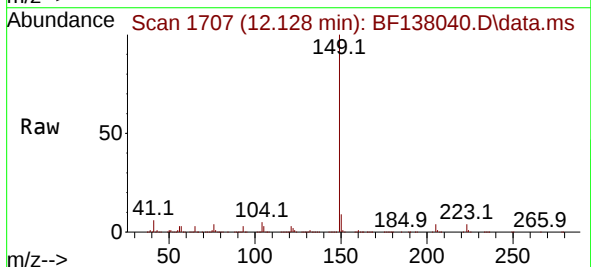
Tgt Ion:149 Resp: 1411865

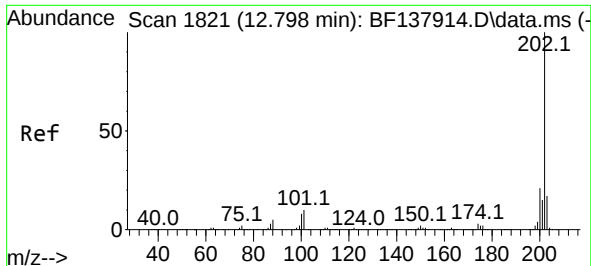
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 4.8 3.6 5.4

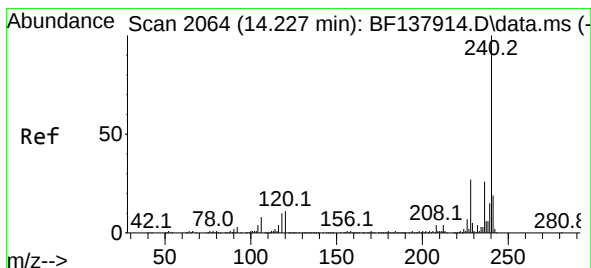
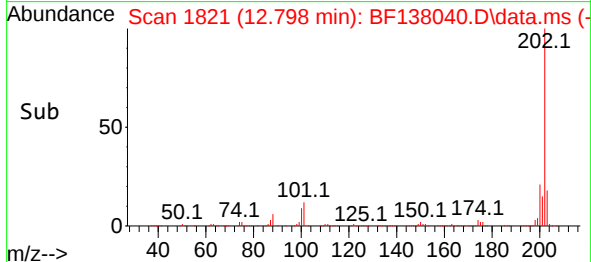
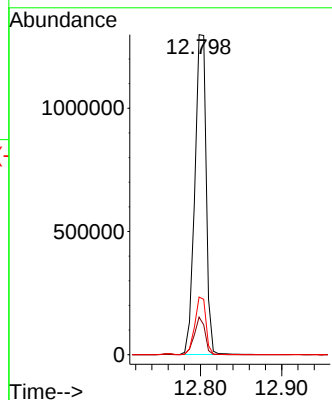
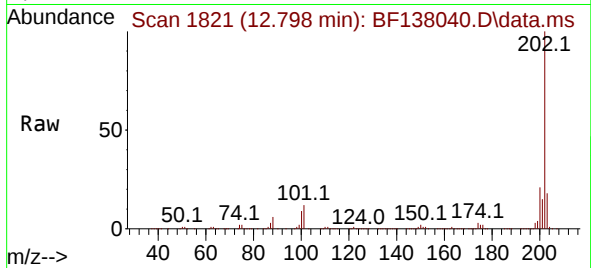




#75
Fluoranthene
Concen: 44.722 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

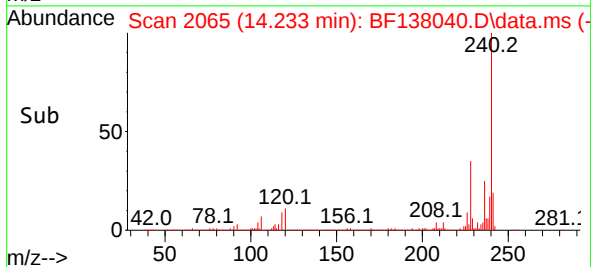
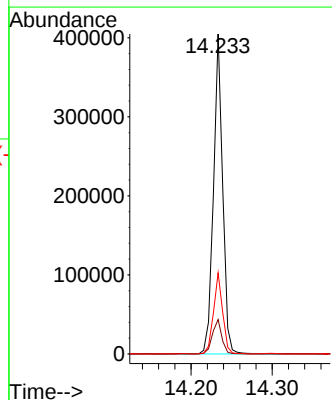
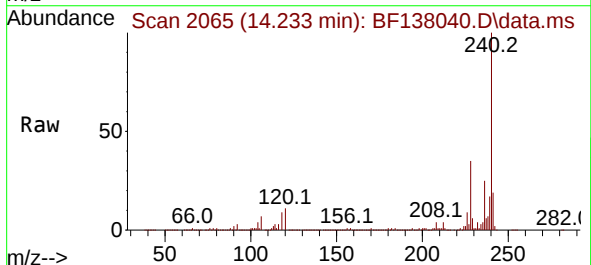
Instrument :
BNA_F
ClientSampleId :
PB161134BS

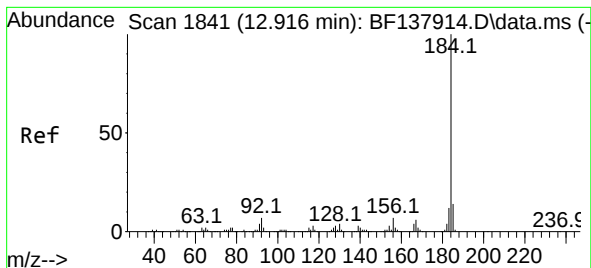
Tgt Ion:202 Resp: 1269570
Ion Ratio Lower Upper
202 100
101 11.8 0.0 30.5
203 18.0 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Tgt Ion:240 Resp: 317139
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 25.3 21.0 31.4





#77

Benzidine

Concen: 24.197 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB161134BS

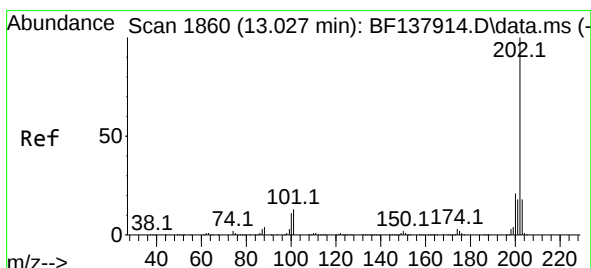
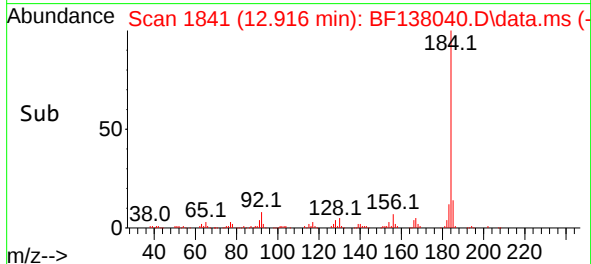
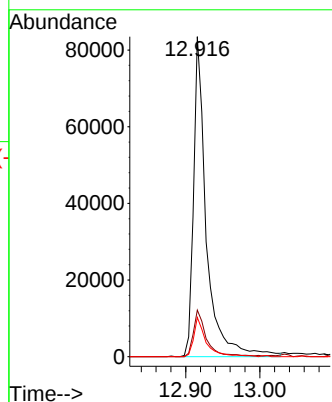
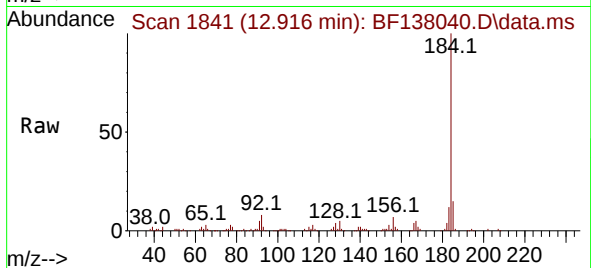
Tgt Ion:184 Resp: 100290

Ion Ratio Lower Upper

184 100

185 14.5 11.4 17.2

183 12.2 9.5 14.3



#78

Pyrene

Concen: 45.681 ng

RT: 13.033 min Scan# 1861

Delta R.T. 0.006 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

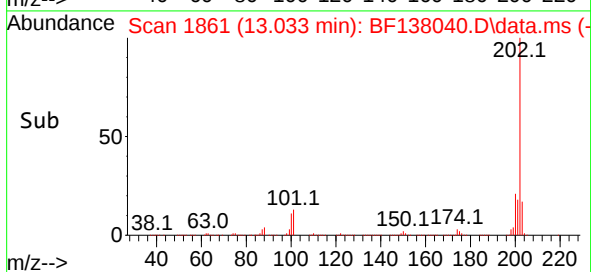
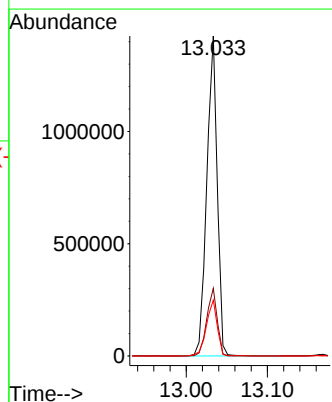
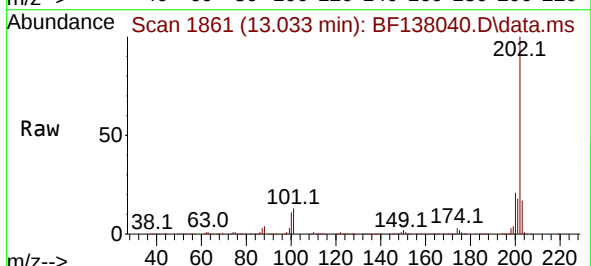
Tgt Ion:202 Resp: 1267118

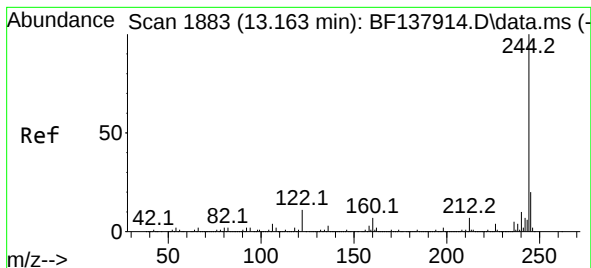
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 89.002 ng

RT: 13.169 min Scan# 1883

Delta R.T. 0.006 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB161134BS

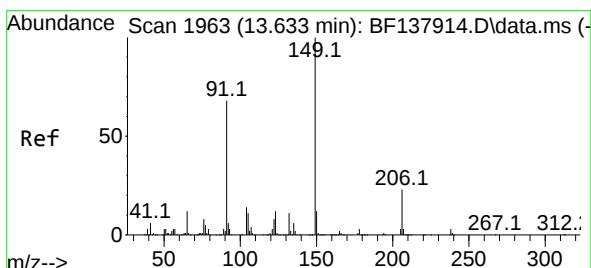
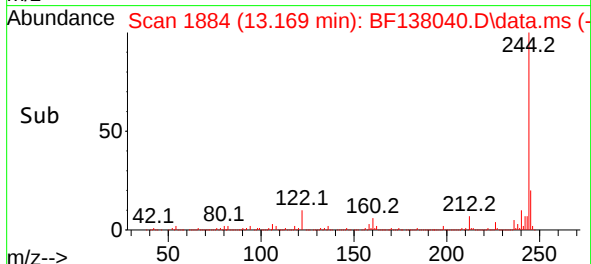
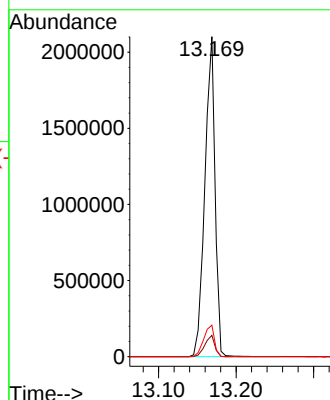
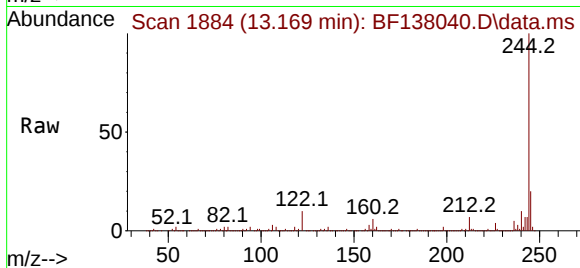
Tgt Ion:244 Resp: 1915194

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 9.8 8.8 13.2



#80

Butylbenzylphthalate

Concen: 53.108 ng

RT: 13.633 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

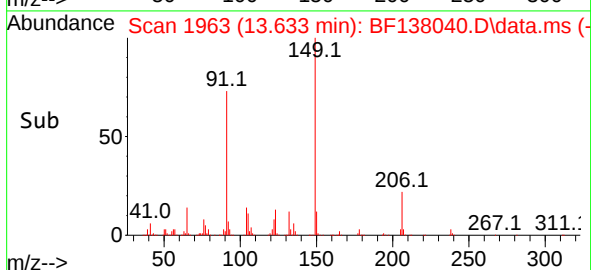
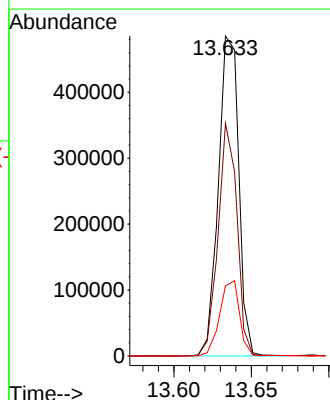
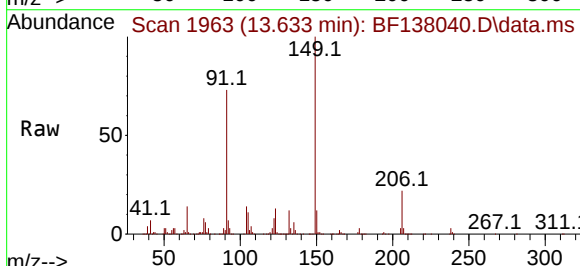
Tgt Ion:149 Resp: 444333

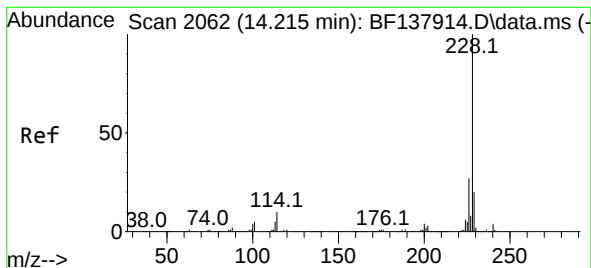
Ion Ratio Lower Upper

149 100

91 72.7 54.2 81.4

206 21.9 18.1 27.1





#81

Benzo(a)anthracene

Concen: 47.870 ng

RT: 14.221 min Scan# 2062

Delta R.T. 0.006 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB161134BS

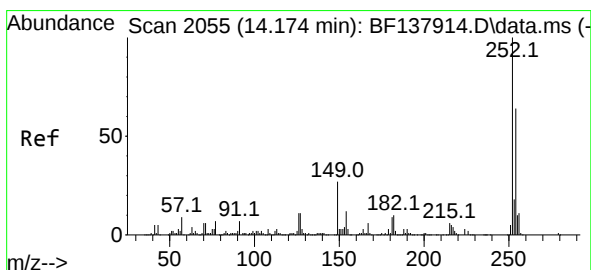
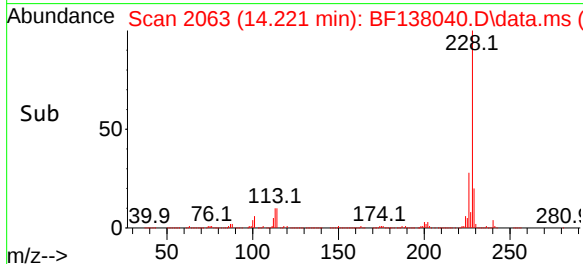
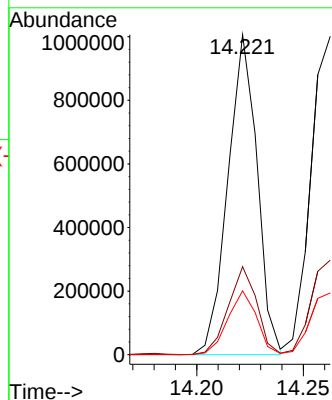
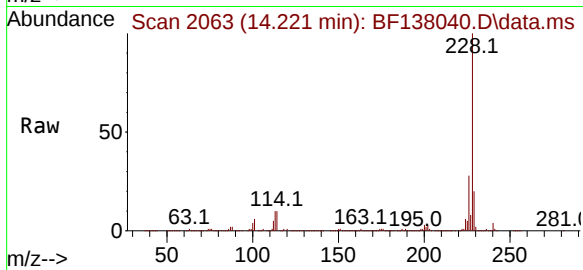
Tgt Ion:228 Resp: 960483

Ion Ratio Lower Upper

228 100

226 27.5 21.3 31.9

229 20.0 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 38.050 ng

RT: 14.180 min Scan# 2056

Delta R.T. 0.006 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

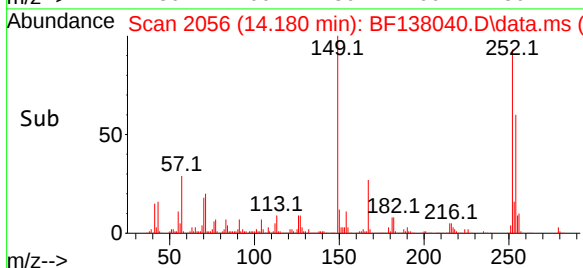
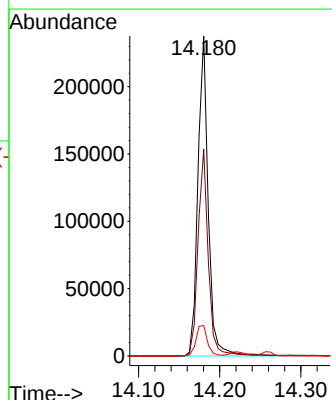
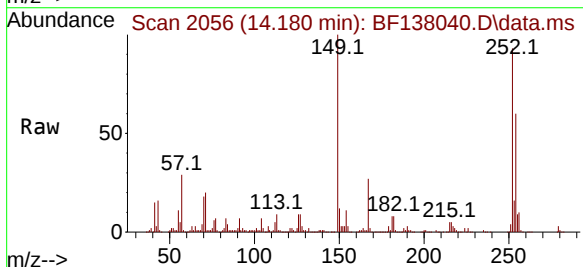
Tgt Ion:252 Resp: 211570

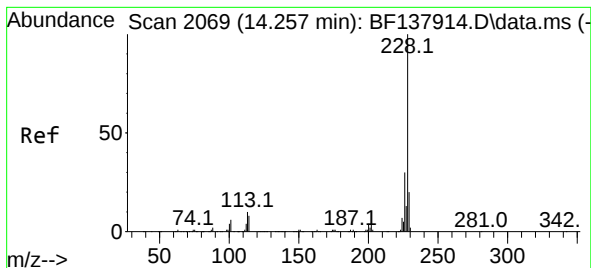
Ion Ratio Lower Upper

252 100

254 64.5 51.2 76.8

126 9.5 8.7 13.1





#83

Chrysene

Concen: 47.166 ng

RT: 14.263 min Scan# 2069

Delta R.T. 0.006 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB161134BS

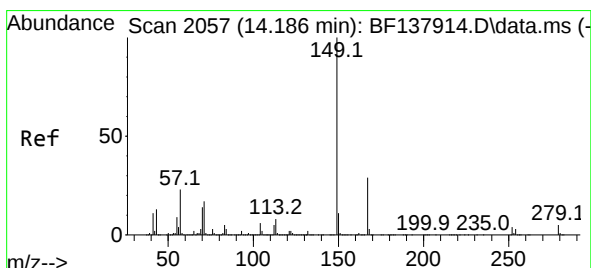
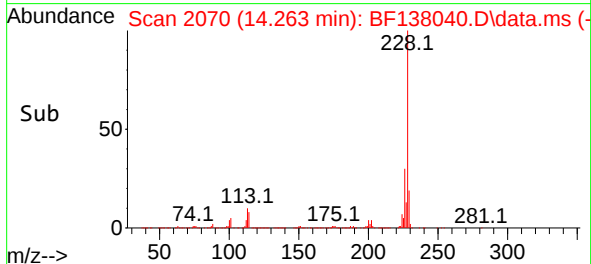
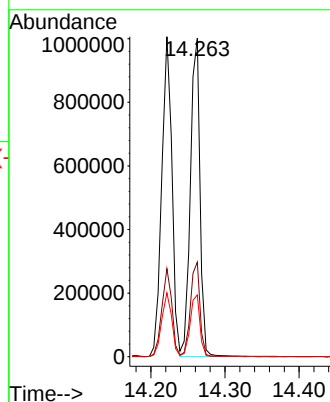
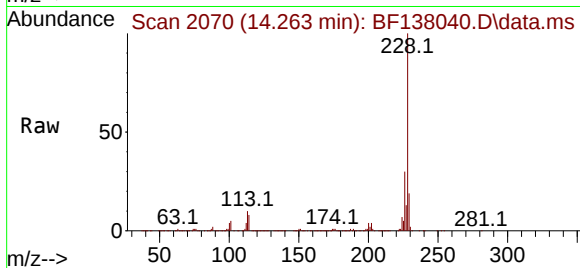
Tgt Ion:228 Resp: 905071

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.8

229 19.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.226 ng

RT: 14.186 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

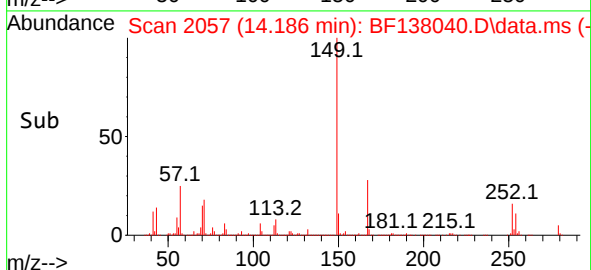
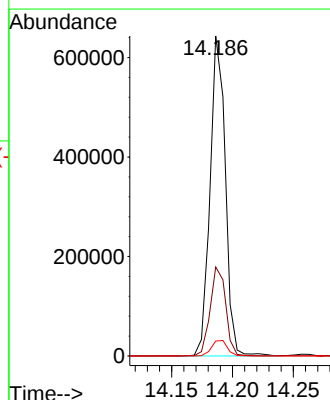
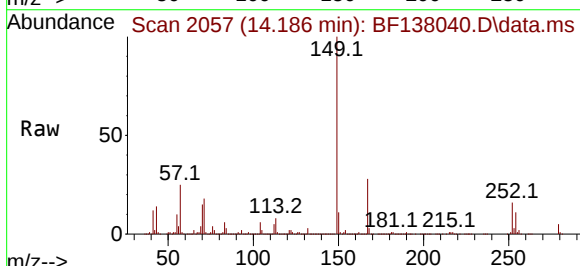
Tgt Ion:149 Resp: 559791

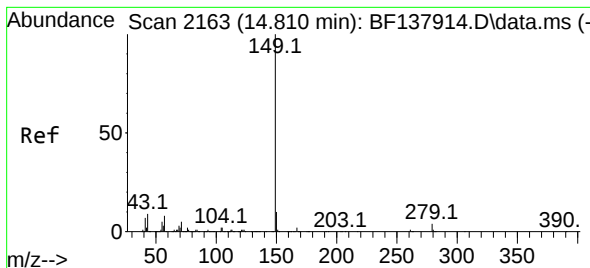
Ion Ratio Lower Upper

149 100

167 27.8 23.2 34.8

279 4.7 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 63.007 ng

RT: 14.816 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB161134BS

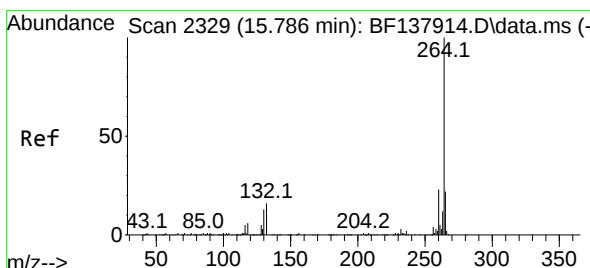
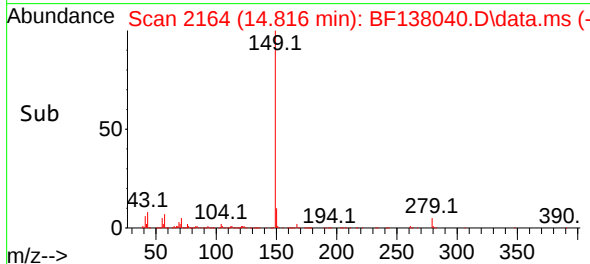
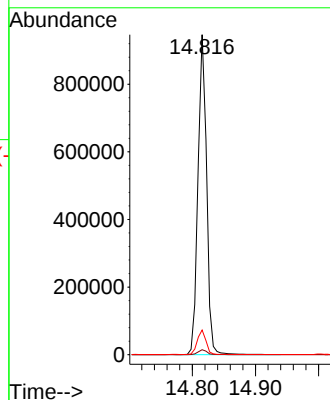
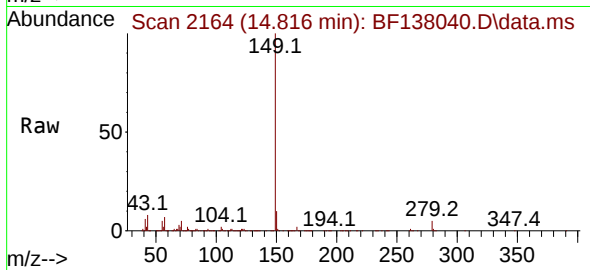
Tgt Ion:149 Resp: 895231

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 7.6 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.798 min Scan# 2331

Delta R.T. 0.012 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

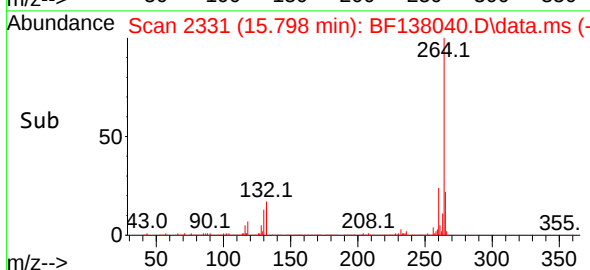
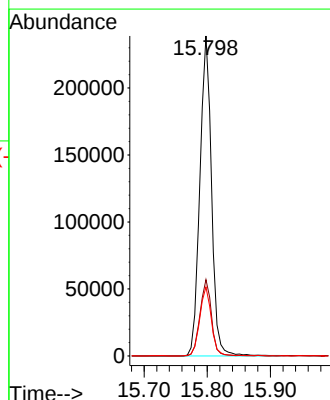
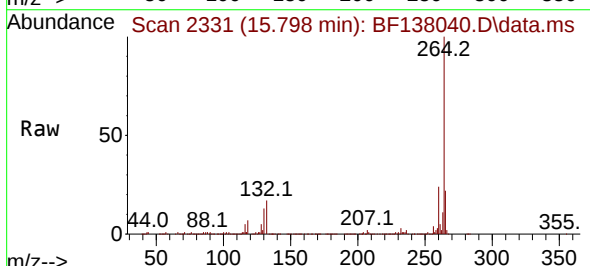
Tgt Ion:264 Resp: 307118

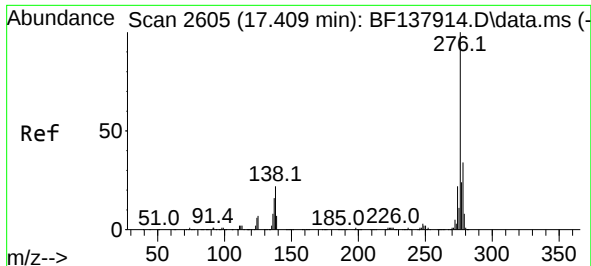
Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 21.6 17.6 26.4

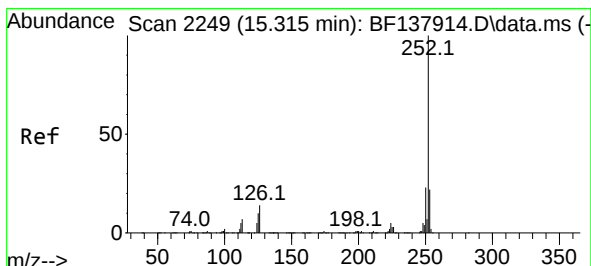
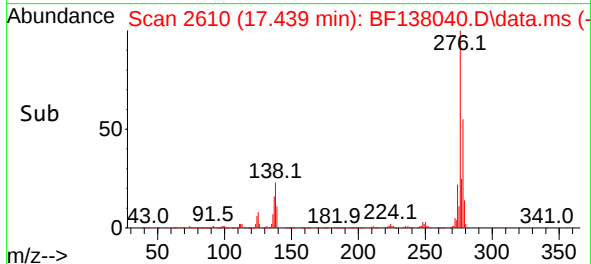
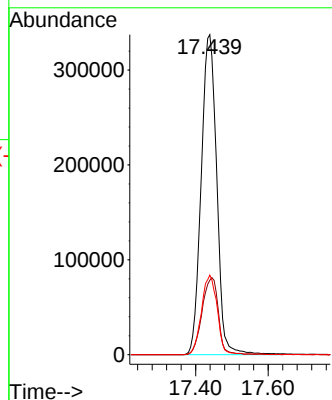
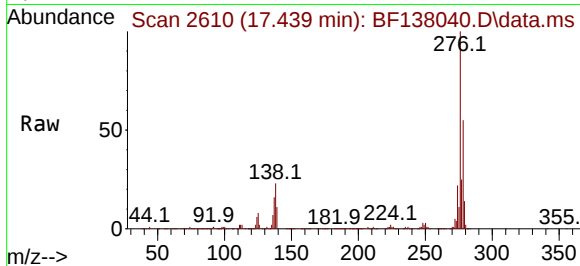




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.835 ng
 RT: 17.439 min Scan# 20
 Delta R.T. 0.030 min
 Lab File: BF138040.D
 Acq: 28 May 2024 11:38

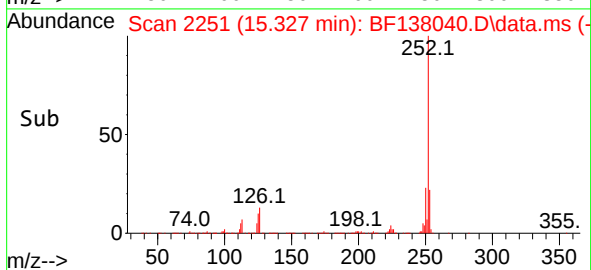
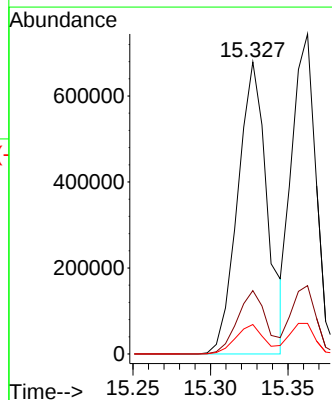
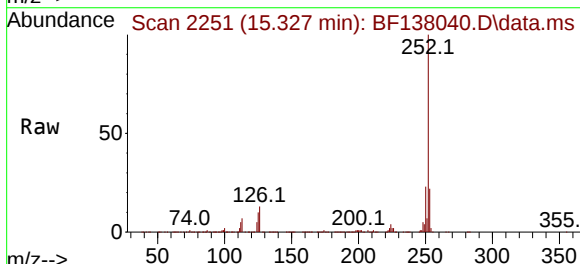
Instrument :
 BNA_F
 ClientSampleId :
 PB161134BS

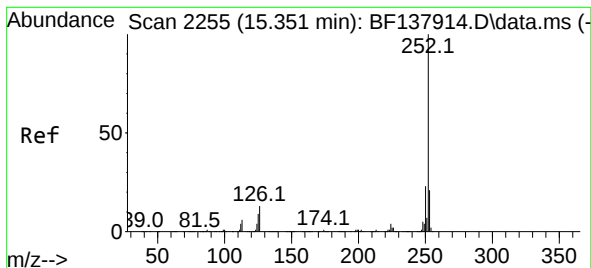
Tgt Ion:276 Resp: 1003051
 Ion Ratio Lower Upper
 276 100
 138 25.1 20.6 30.8
 277 25.1 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 50.511 ng
 RT: 15.327 min Scan# 2251
 Delta R.T. 0.012 min
 Lab File: BF138040.D
 Acq: 28 May 2024 11:38

Tgt Ion:252 Resp: 898209
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.6 26.4
 125 10.1 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 46.644 ng

RT: 15.363 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB161134BS

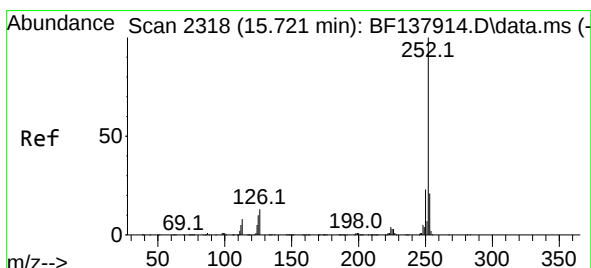
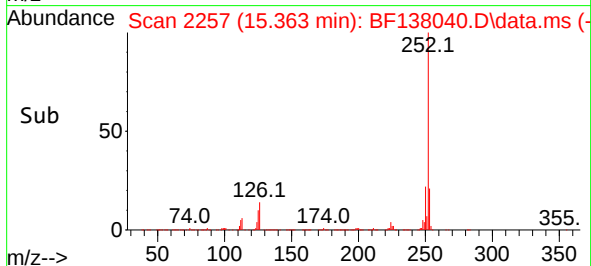
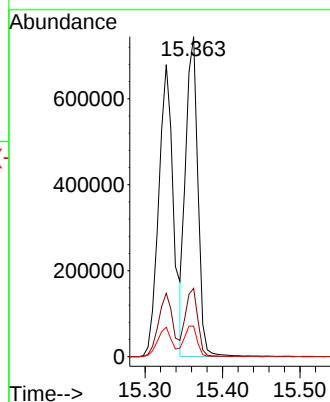
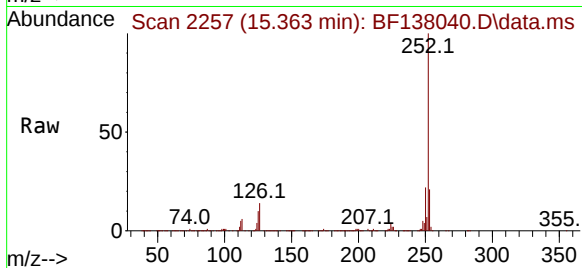
Tgt Ion:252 Resp: 814843

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 9.6 7.7 11.5



#90

Benzo(a)pyrene

Concen: 51.550 ng

RT: 15.733 min Scan# 2320

Delta R.T. 0.012 min

Lab File: BF138040.D

Acq: 28 May 2024 11:38

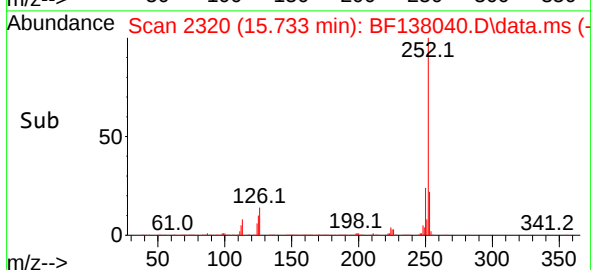
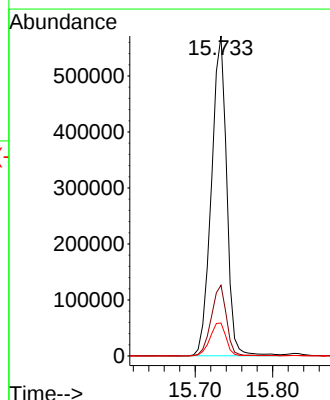
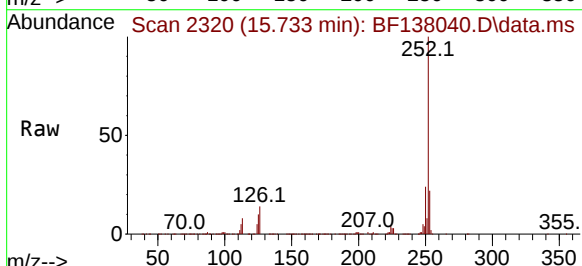
Tgt Ion:252 Resp: 782753

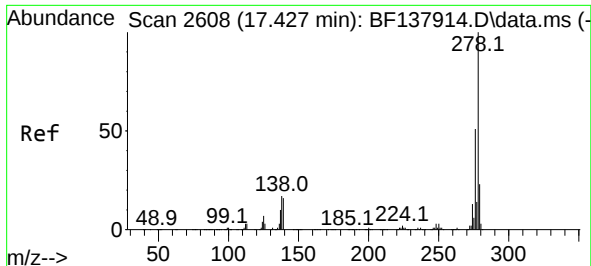
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 10.3 7.8 11.8

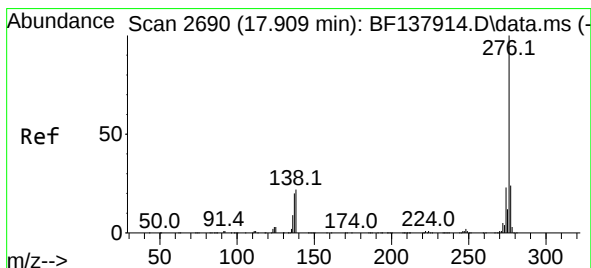
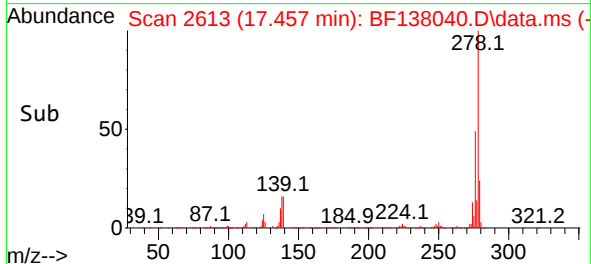
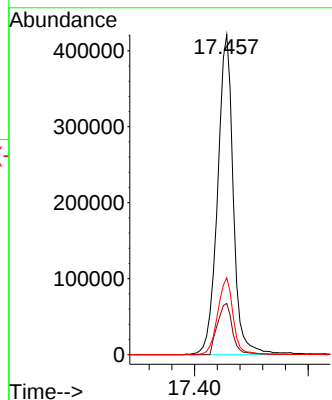
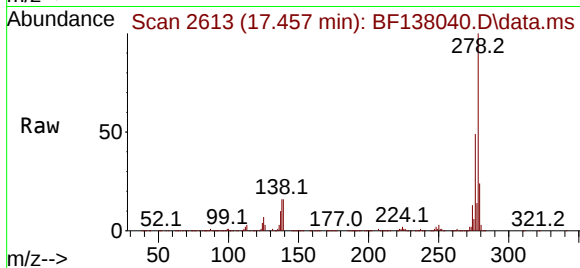




#91
Dibenzo(a,h)anthracene
Concen: 49.553 ng
RT: 17.457 min Scan# 2613
Delta R.T. 0.030 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Instrument :
BNA_F
ClientSampleId :
PB161134BS

Tgt Ion:278 Resp: 807834
Ion Ratio Lower Upper
278 100
139 16.0 13.1 19.7
279 24.0 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 45.863 ng
RT: 17.933 min Scan# 2694
Delta R.T. 0.024 min
Lab File: BF138040.D
Acq: 28 May 2024 11:38

Tgt Ion:276 Resp: 785435
Ion Ratio Lower Upper
276 100
277 23.1 18.9 28.3
138 22.2 17.6 26.4

