

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138000.D
 Acq On : 22 May 2024 12:14
 Operator : CG\JU
 Sample : PB161028BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161028BSD

Quant Time: May 22 12:51:19 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	154652	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	611970	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	345009	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	614789	20.000	ng	0.00
76) Chrysene-d12	14.233	240	386835	20.000	ng	0.00
86) Perylene-d12	15.786	264	295625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1087717	119.471	ng	0.00
7) Phenol-d6	6.657	99	1345240	119.948	ng	0.00
23) Nitrobenzene-d5	7.598	82	829608	79.780	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	483560	139.005	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1786045	79.743	ng	0.00
79) Terphenyl-d14	13.169	244	2124790	80.952	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	132465	33.585	ng	99
3) Pyridine	3.781	79	329735	37.259	ng	97
4) n-Nitrosodimethylamine	3.746	42	163939	41.992	ng	97
6) Aniline	6.698	93	345675	34.460	ng	100
8) 2-Chlorophenol	6.816	128	441929	44.853	ng	98
9) Benzaldehyde	6.593	77	358303	59.051	ng	98
10) Phenol	6.669	94	489720	43.261	ng	98
11) bis(2-Chloroethyl)ether	6.769	93	384243	44.208	ng	97
12) 1,3-Dichlorobenzene	6.975	146	463832	40.688	ng	98
13) 1,4-Dichlorobenzene	7.051	146	471705	41.224	ng	99
14) 1,2-Dichlorobenzene	7.204	146	453001	42.064	ng	99
15) Benzyl Alcohol	7.175	79	353029	47.140	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.298	45	472965	44.268	ng	99
17) 2-Methylphenol	7.275	107	349349	44.460	ng	99
18) Hexachloroethane	7.545	117	159410	41.169	ng	97
19) n-Nitroso-di-n-propyla...	7.445	70	283177	44.942	ng	98
20) 3+4-Methylphenols	7.428	107	445288	43.258	ng	95
22) Acetophenone	7.445	105	584145	42.610	ng	99
24) Nitrobenzene	7.616	77	430483	40.808	ng	96
25) Isophorone	7.851	82	789075	43.722	ng	98
26) 2-Nitrophenol	7.934	139	241565	45.573	ng	99
27) 2,4-Dimethylphenol	7.957	122	323524	47.407	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	473233	43.264	ng	100
29) 2,4-Dichlorophenol	8.169	162	377151	43.948	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	395820	41.310	ng	99
31) Naphthalene	8.339	128	1273731	41.395	ng	99
32) Benzoic acid	8.081	122	293502	50.877	ng	98
33) 4-Chloroaniline	8.381	127	181431	17.987	ng	99
34) Hexachlorobutadiene	8.451	225	241404	39.804	ng	99
35) Caprolactam	8.763	113	74614	30.011	ng	98
36) 4-Chloro-3-methylphenol	8.863	107	395064	45.254	ng	99
37) 2-Methylnaphthalene	9.034	142	850905	43.021	ng	99
38) 1-Methylnaphthalene	9.134	142	782757	40.256	ng	100
40) 1,2,4,5-Tetrachloroben...	9.198	216	404980	43.177	ng	99
41) Hexachlorocyclopentadiene	9.186	237	434516	121.919	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	282851	45.993	ng	99

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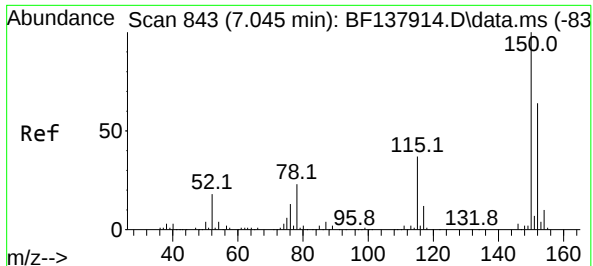
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	305848	45.452	ng	99
46) 1,1'-Biphenyl	9.498	154	1047286	43.279	ng	99
47) 2-Chloronaphthalene	9.528	162	811788	42.025	ng	98
48) 2-Nitroaniline	9.622	65	229034	46.302	ng	96
49) Acenaphthylene	9.945	152	1297912	46.729	ng	98
50) Dimethylphthalate	9.798	163	984054	45.485	ng	100
51) 2,6-Dinitrotoluene	9.863	165	222858	44.882	ng	97
52) Acenaphthene	10.116	154	890964	48.533	ng	98
53) 3-Nitroaniline	10.033	138	160241	33.010	ng	95
54) 2,4-Dinitrophenol	10.139	184	261032	95.800	ng	# 87
55) Dibenzofuran	10.292	168	1185927	44.389	ng	99
56) 4-Nitrophenol	10.192	139	353091	101.274	ng	93
57) 2,4-Dinitrotoluene	10.269	165	305844	47.645	ng	91
58) Fluorene	10.633	166	939557	44.461	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	259393	49.070	ng	98
60) Diethylphthalate	10.498	149	943555	46.698	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	463851	44.510	ng	99
62) 4-Nitroaniline	10.657	138	208287	45.239	ng	99
63) Azobenzene	10.786	77	847695	46.123	ng	98
65) 4,6-Dinitro-2-methylph...	10.680	198	180564	50.866	ng	92
66) n-Nitrosodiphenylamine	10.745	169	825099	43.763	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	295716	43.876	ng	97
68) Hexachlorobenzene	11.186	284	319049	42.825	ng	98
69) Atrazine	11.269	200	286054	55.563	ng	99
70) Pentachlorophenol	11.380	266	397945	91.187	ng	97
71) Phenanthrene	11.604	178	1332413	43.979	ng	99
72) Anthracene	11.657	178	1362294	45.320	ng	100
73) Carbazole	11.810	167	1215360	44.261	ng	99
74) Di-n-butylphthalate	12.127	149	1463809	48.035	ng	100
75) Fluoranthene	12.798	202	1391501	45.250	ng	99
77) Benzidine	12.910	184	109929	21.744	ng	98
78) Pyrene	13.027	202	1416799	41.875	ng	99
80) Butylbenzylphthalate	13.633	149	536772	52.597	ng	99
81) Benzo(a)anthracene	14.221	228	1127069	46.052	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	219701	32.393	ng	98
83) Chrysene	14.257	228	1047337	44.747	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	666822	51.979	ng	99
85) Di-n-octyl phthalate	14.816	149	906389	52.299	ng	99
87) Indeno(1,2,3-cd)pyrene	17.421	276	909282	47.874	ng	99
88) Benzo(b)fluoranthene	15.321	252	826061	48.260	ng	99
89) Benzo(k)fluoranthene	15.351	252	845028	50.252	ng	99
90) Benzo(a)pyrene	15.721	252	740029	50.631	ng	98
91) Dibenzo(a,h)anthracene	17.439	278	744941	47.472	ng	99
92) Benzo(g,h,i)perylene	17.915	276	715270	43.390	ng	99

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

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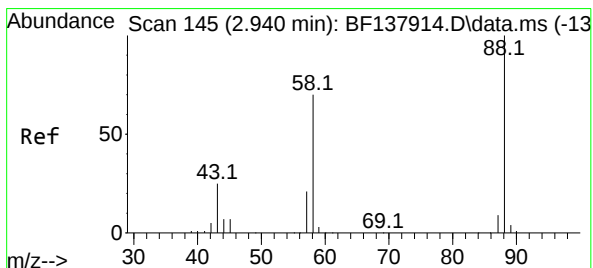
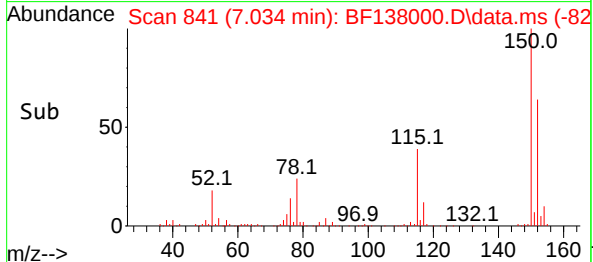
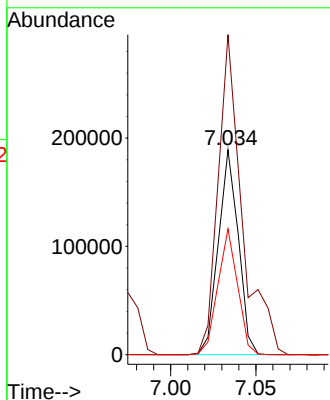
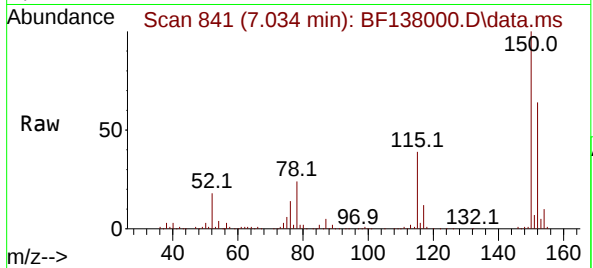




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

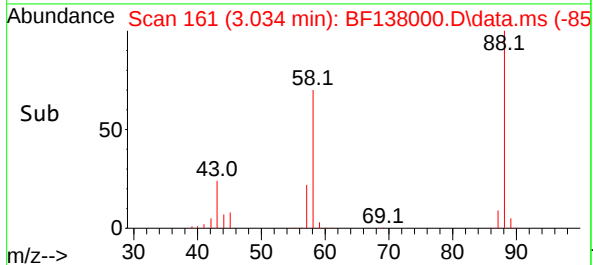
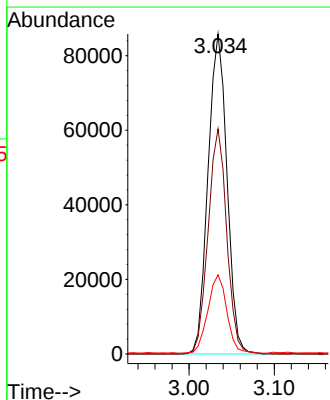
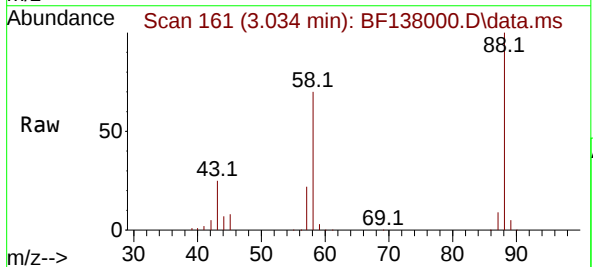
Instrument :
BNA_F
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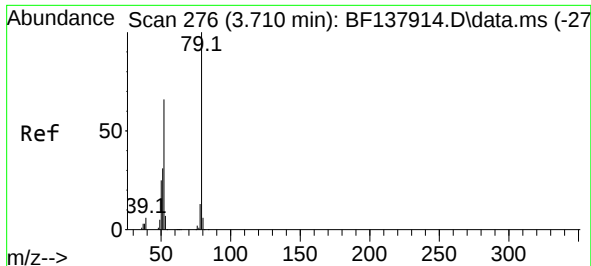
Tgt Ion:152 Resp: 154652
Ion Ratio Lower Upper
152 100
150 156.2 125.7 188.5
115 61.4 47.0 70.6



#2
1,4-Dioxane
Concen: 33.585 ng
RT: 3.034 min Scan# 161
Delta R.T. 0.094 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion: 88 Resp: 132465
Ion Ratio Lower Upper
88 100
58 69.1 54.4 81.6
43 24.5 19.6 29.4

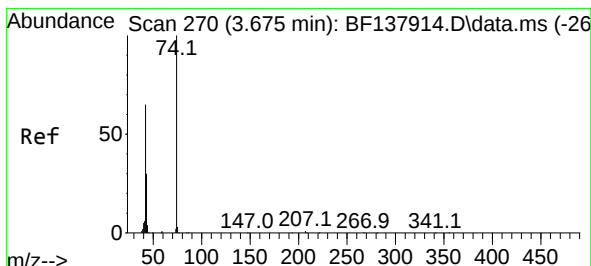
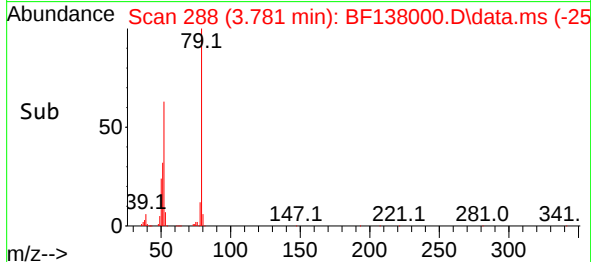
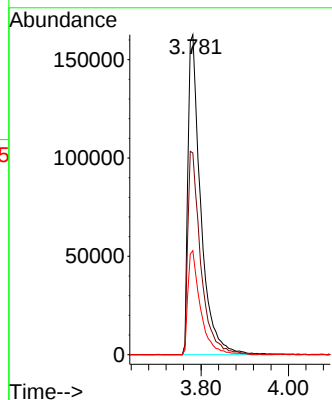
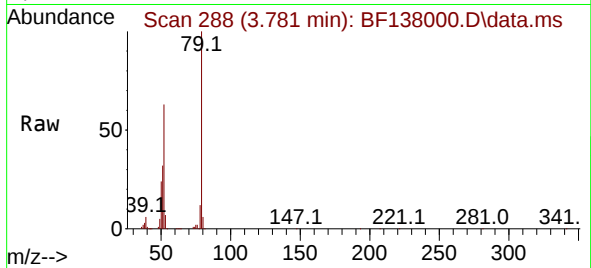




#3
Pyridine
Concen: 37.259 ng
RT: 3.781 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

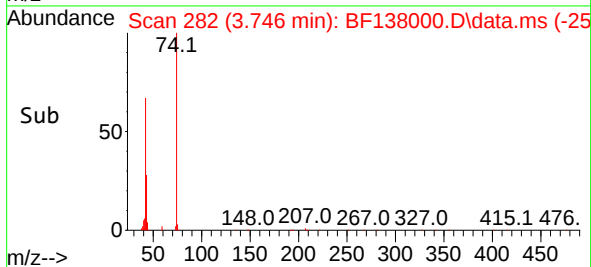
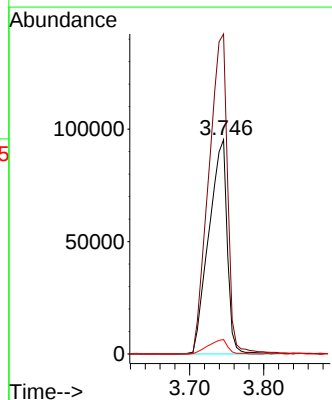
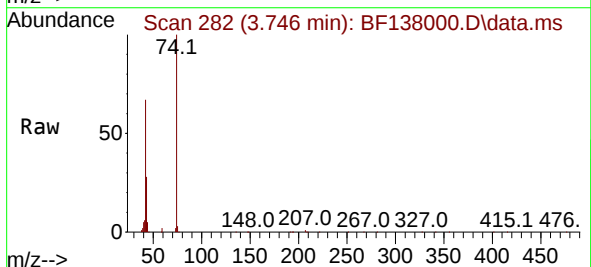
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BNA_F
ClientSampleId :
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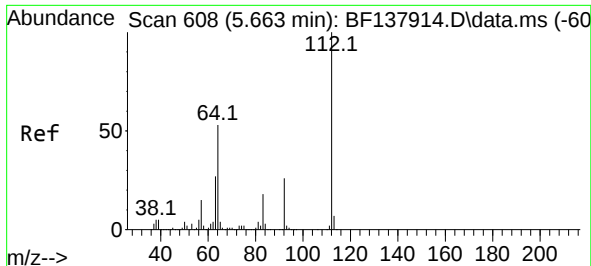
Tgt Ion: 79 Resp: 329735
Ion Ratio Lower Upper
79 100
52 63.0 52.5 78.7
51 32.5 25.1 37.7



#4
n-Nitrosodimethylamine
Concen: 41.992 ng
RT: 3.746 min Scan# 282
Delta R.T. 0.071 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion: 42 Resp: 163939
Ion Ratio Lower Upper
42 100
74 149.3 123.1 184.7
44 6.7 5.0 7.6

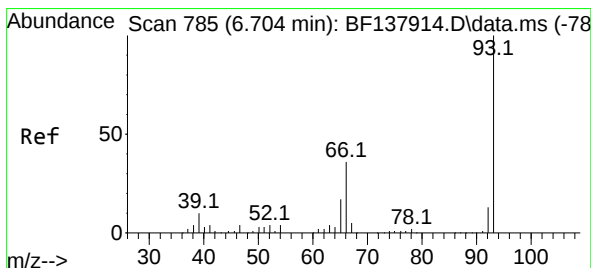
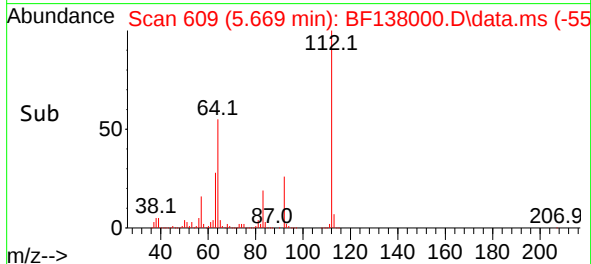
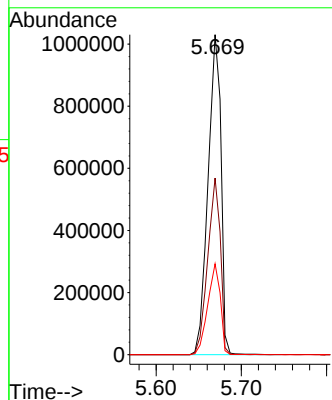
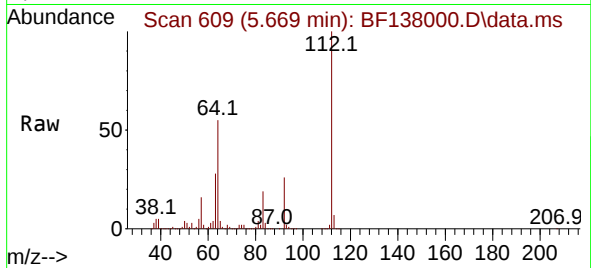




#5
2-Fluorophenol
Concen: 119.471 ng
RT: 5.669 min Scan# 608
Delta R.T. 0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

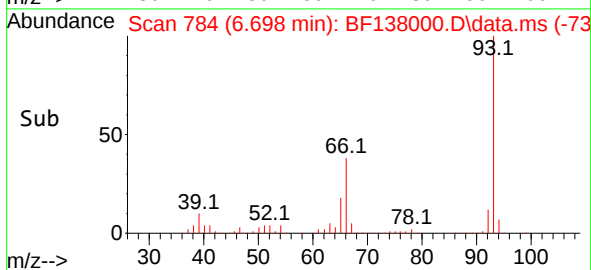
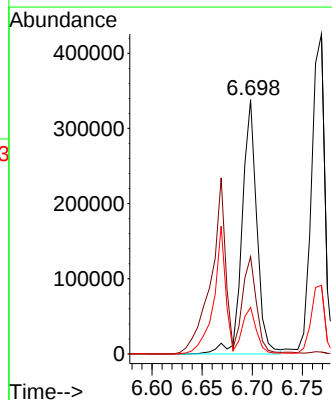
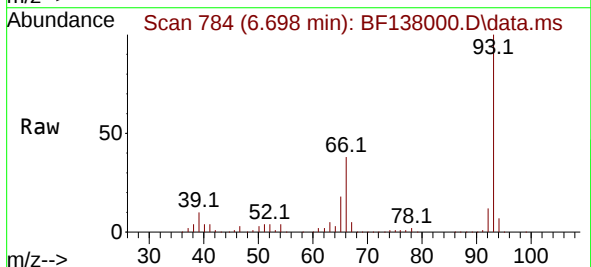
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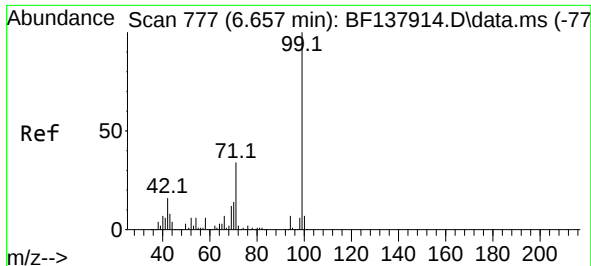
Tgt Ion:112 Resp: 1087717
Ion Ratio Lower Upper
112 100
64 55.2 42.4 63.6
63 28.4 21.4 32.2



#6
Aniline
Concen: 34.460 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion: 93 Resp: 345675
Ion Ratio Lower Upper
93 100
66 38.3 30.7 46.1
65 18.3 15.0 22.4



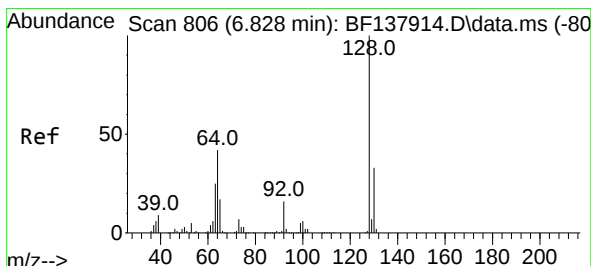
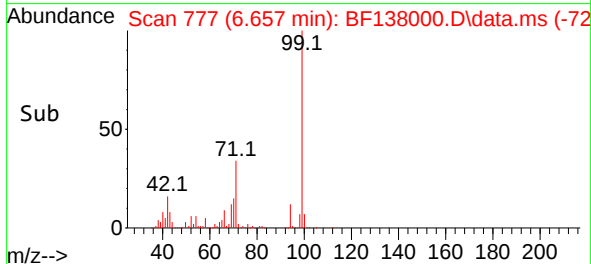
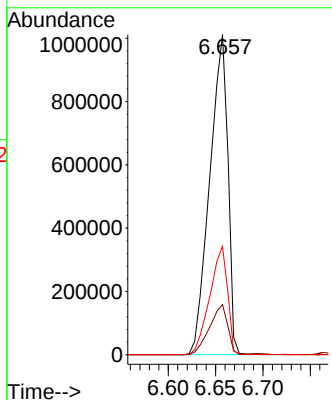
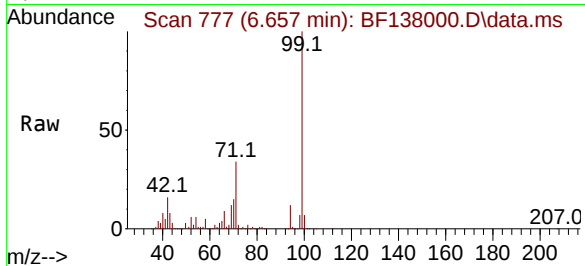


#7
Phenol-d6
Concen: 119.948 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Instrument :
BNA_F
ClientSampleId :
PB161028BSD

Tgt Ion: 99 Resp: 1345240

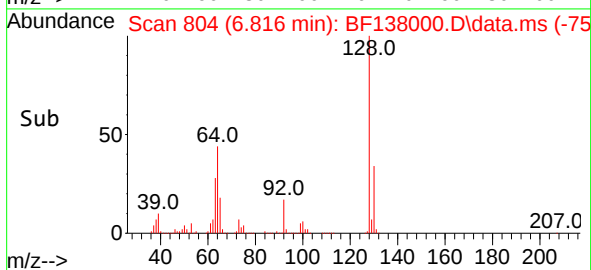
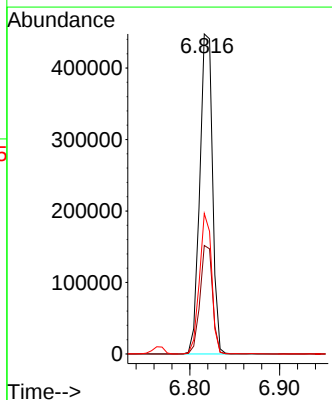
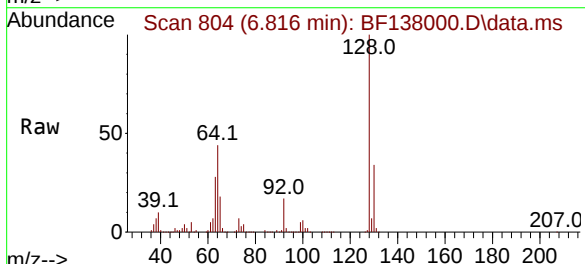
Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.6	18.8
71	33.9	27.1	40.7

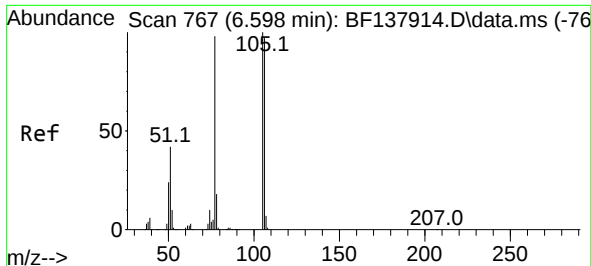


#8
2-Chlorophenol
Concen: 44.853 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.012 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion: 128 Resp: 441929

Ion	Ratio	Lower	Upper
128	100		
130	33.9	12.8	52.8
64	43.9	22.2	62.2

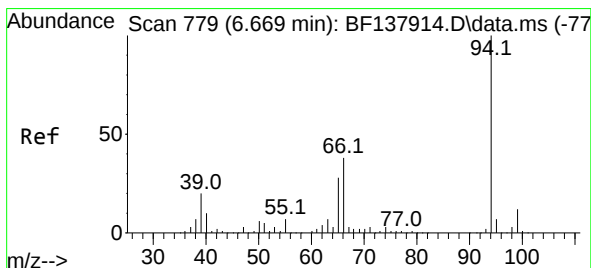
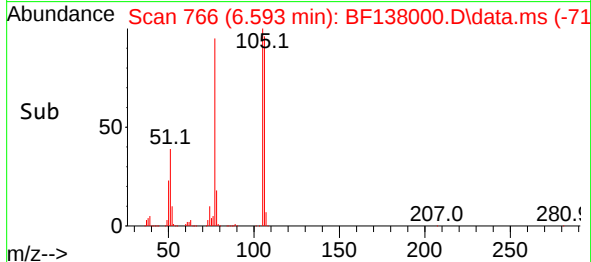
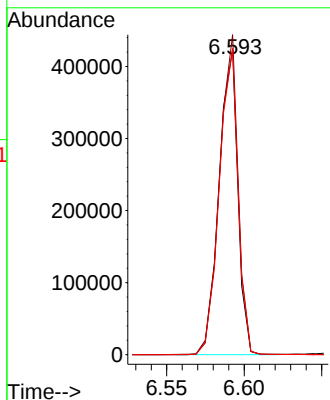
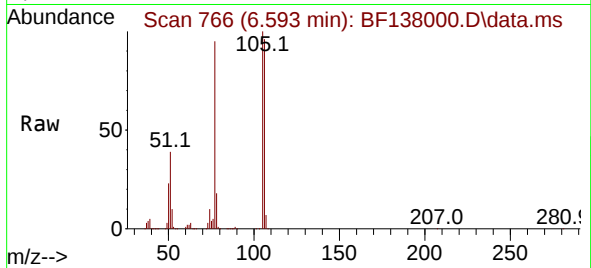




#9
Benzaldehyde
Concen: 59.051 ng
RT: 6.593 min Scan# 766
Delta R.T. -0.005 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

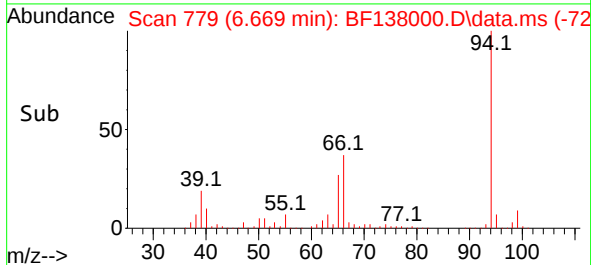
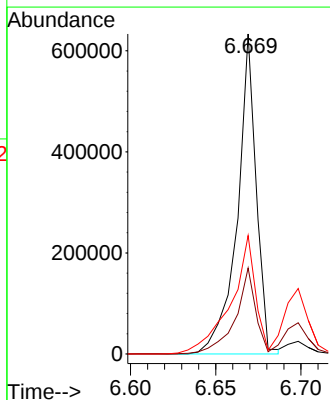
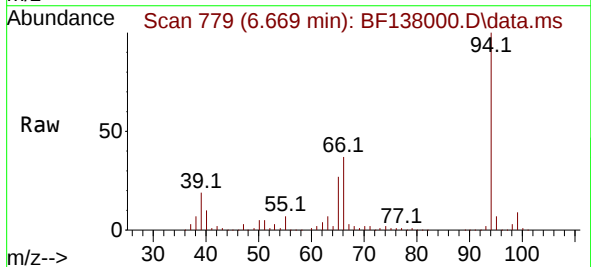
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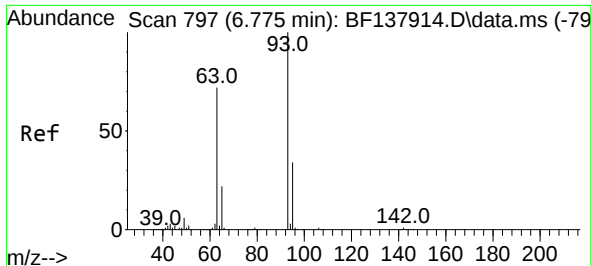
Tgt Ion: 77 Resp: 358303
Ion Ratio Lower Upper
77 100
105 104.9 82.3 122.3
106 100.3 79.2 119.2



#10
Phenol
Concen: 43.261 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion: 94 Resp: 489720
Ion Ratio Lower Upper
94 100
65 26.9 7.8 47.8
66 37.0 18.6 58.6

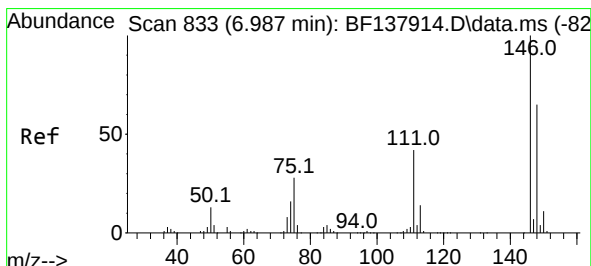
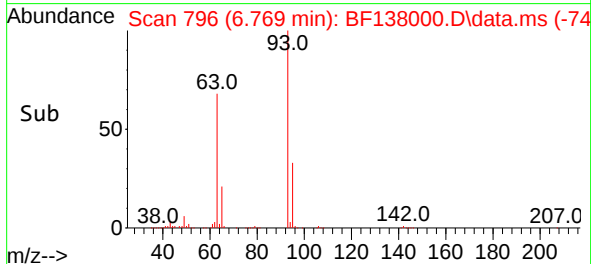
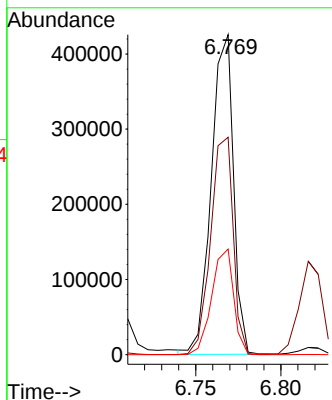
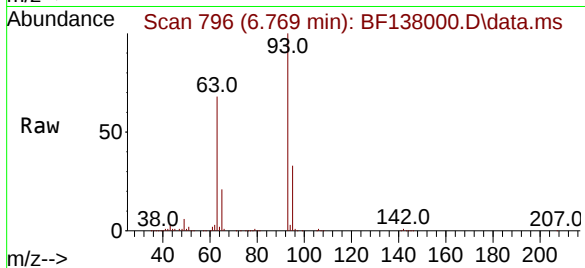




#11
bis(2-Chloroethyl)ether
Concen: 44.208 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

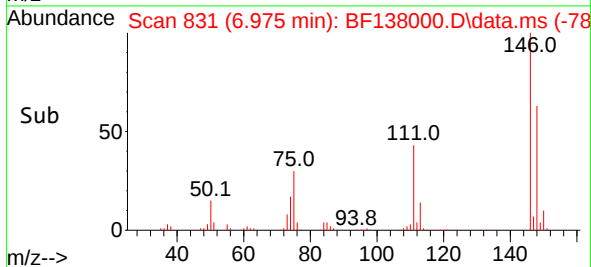
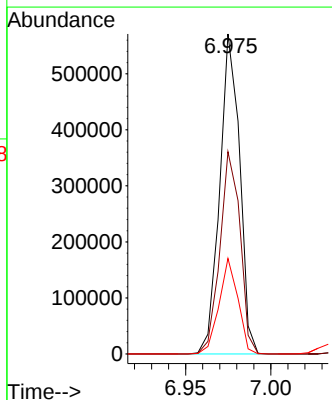
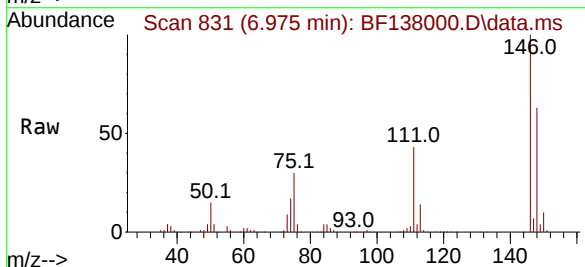
Instrument :
BNA_F
ClientSampleId :
PB161028BSD

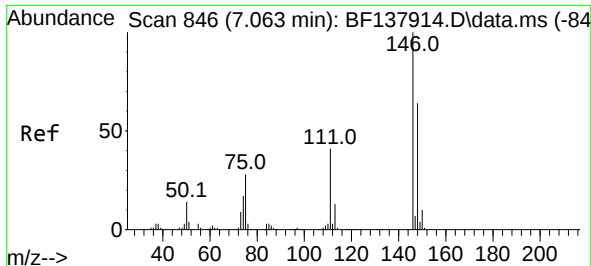
Tgt Ion: 93 Resp: 384243
Ion Ratio Lower Upper
93 100
63 68.0 51.4 91.4
95 33.0 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 40.688 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.012 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:146 Resp: 463832
Ion Ratio Lower Upper
146 100
148 63.2 51.7 77.5
75 29.9 22.4 33.6

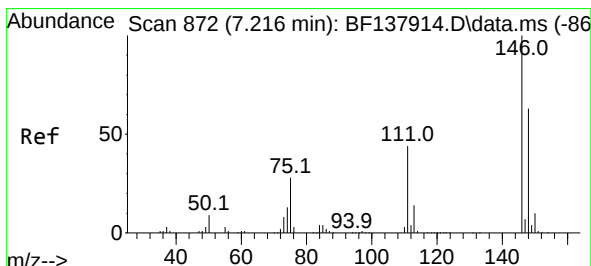
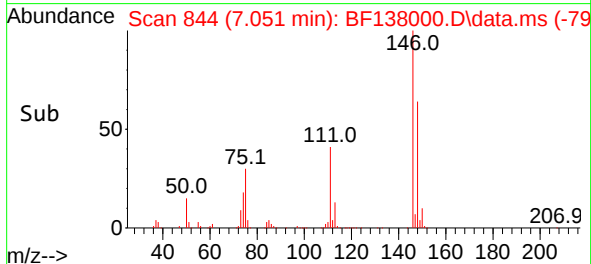
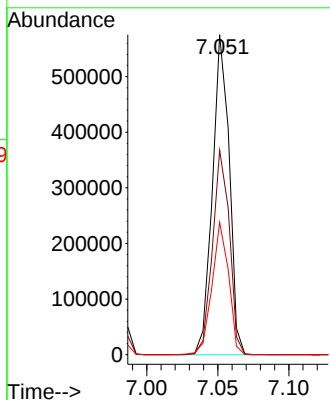
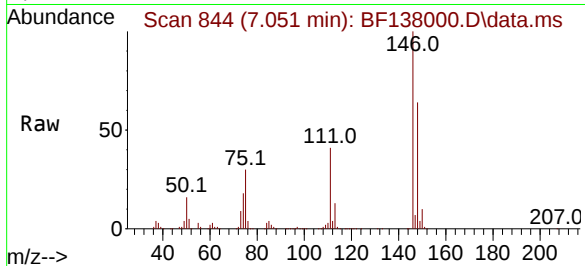




#13
1,4-Dichlorobenzene
Concen: 41.224 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

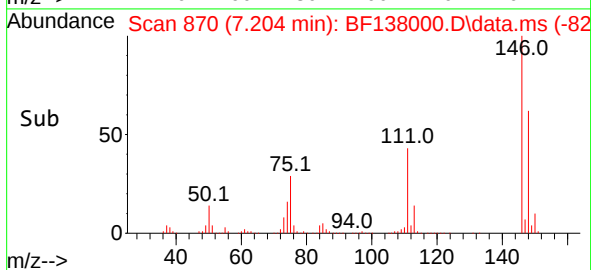
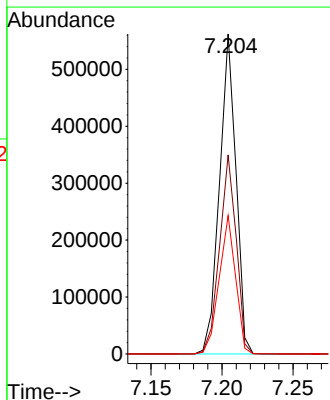
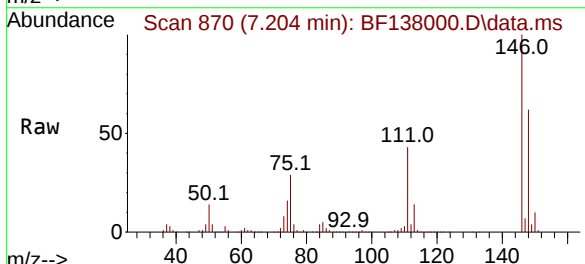
Instrument :
BNA_F
ClientSampleId :
PB161028BSD

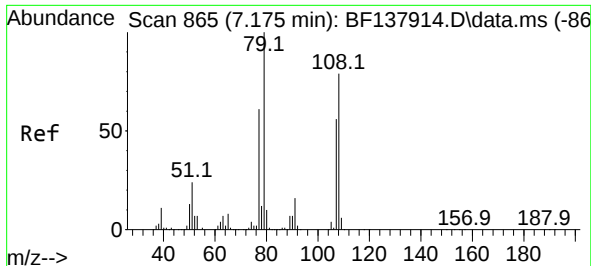
Tgt Ion:146 Resp: 471705
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 41.3 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 42.064 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:146 Resp: 453001
Ion Ratio Lower Upper
146 100
148 62.2 50.2 75.4
111 43.3 35.1 52.7

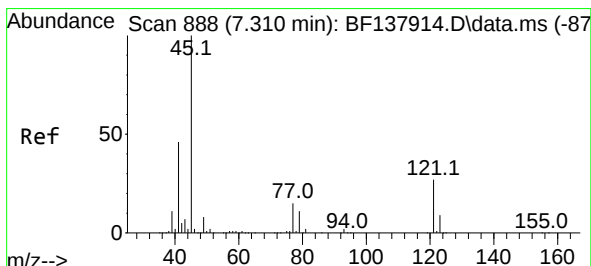
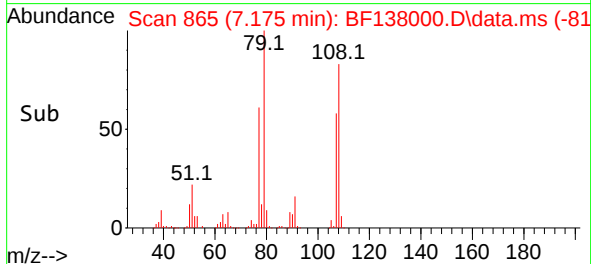
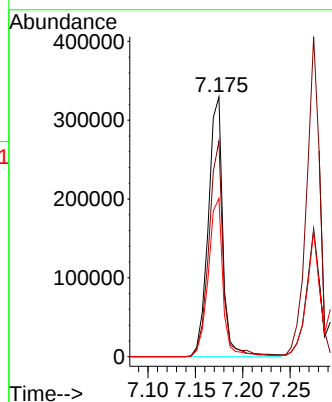
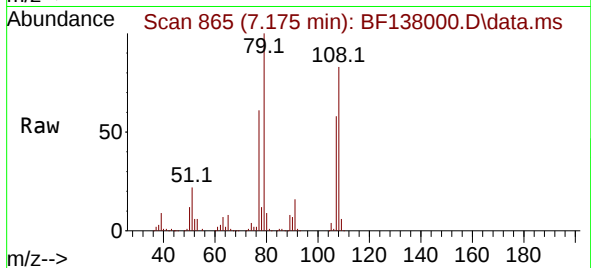




#15
Benzyl Alcohol
Concen: 47.140 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

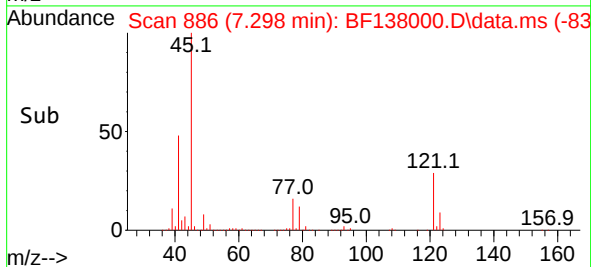
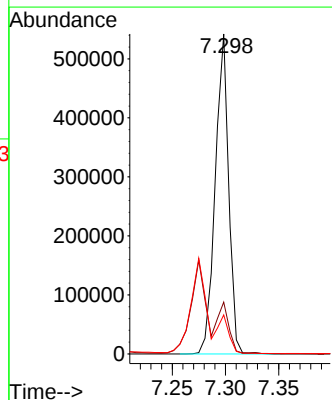
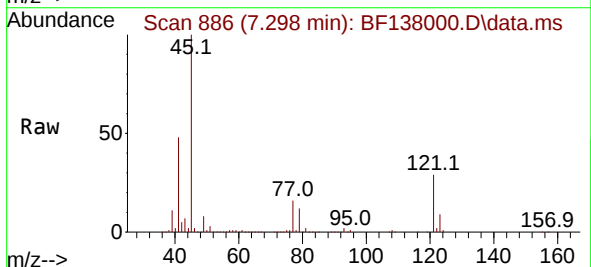
Instrument :
BNA_F
ClientSampleId :
PB161028BSD

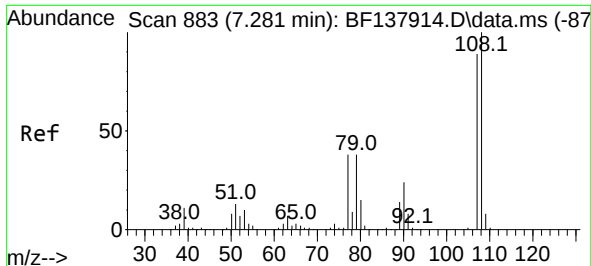
Tgt Ion: 79 Resp: 353029
Ion Ratio Lower Upper
79 100
108 83.0 62.8 94.2
77 60.9 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.268 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion: 45 Resp: 472965
Ion Ratio Lower Upper
45 100
77 16.2 0.0 35.3
79 12.2 0.0 32.1

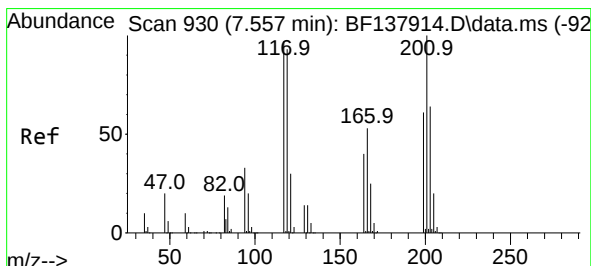
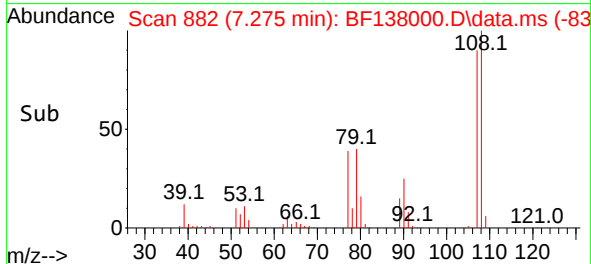
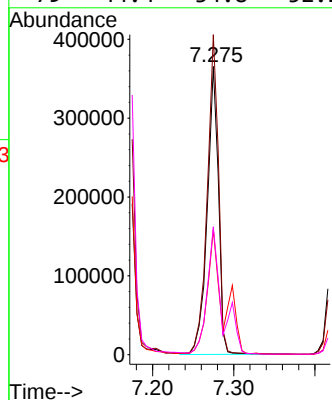
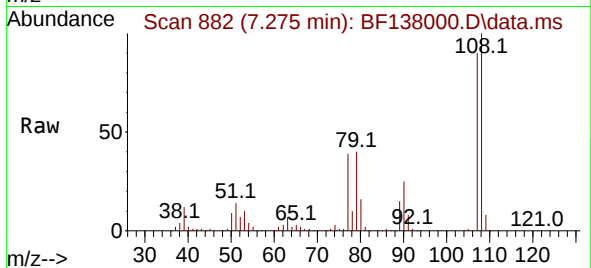




#17
2-Methylphenol
Concen: 44.460 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

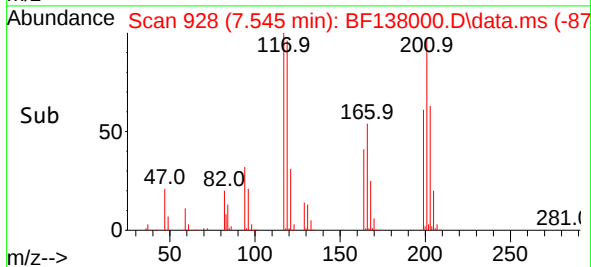
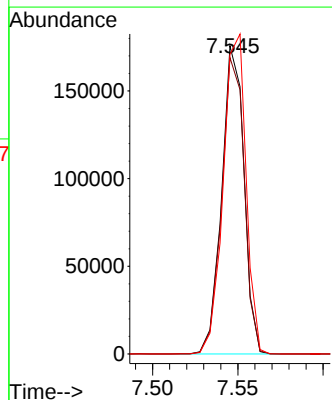
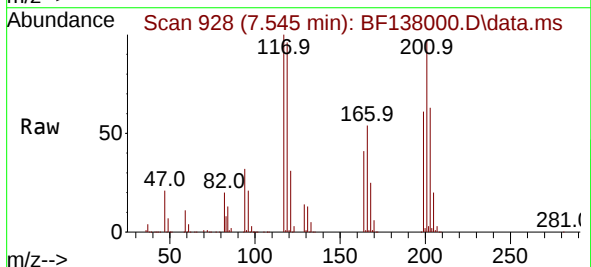
Instrument :
BNA_F
ClientSampleId :
PB161028BSD

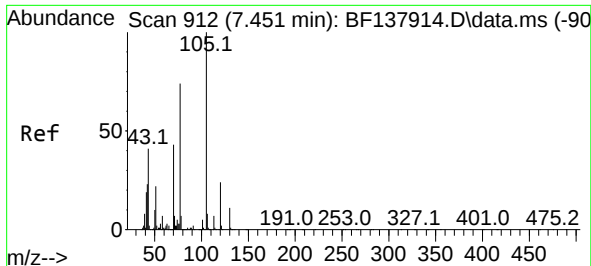
Tgt Ion:107 Resp: 349349
Ion Ratio Lower Upper
107 100
108 111.0 90.1 135.1
77 43.5 34.3 51.5
79 44.4 34.8 52.2



#18
Hexachloroethane
Concen: 41.169 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:117 Resp: 159410
Ion Ratio Lower Upper
117 100
119 96.2 76.8 115.2
201 97.2 82.7 124.1

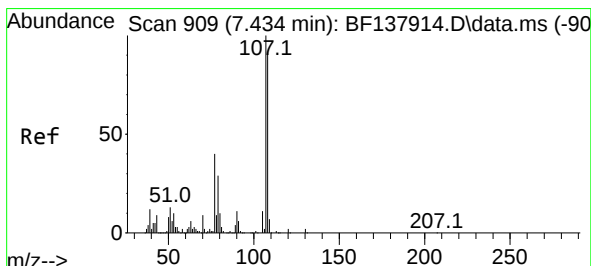
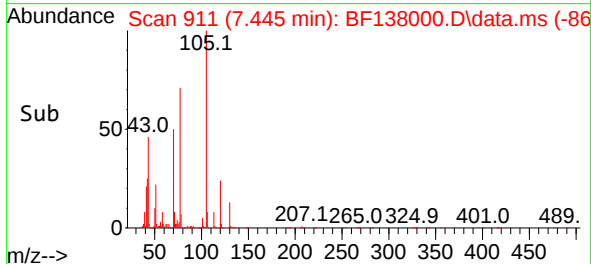
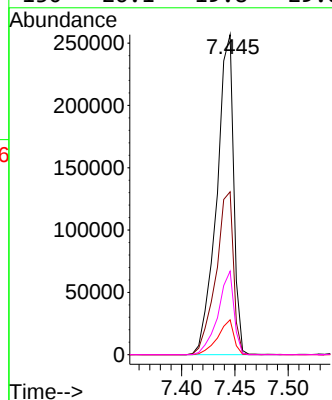
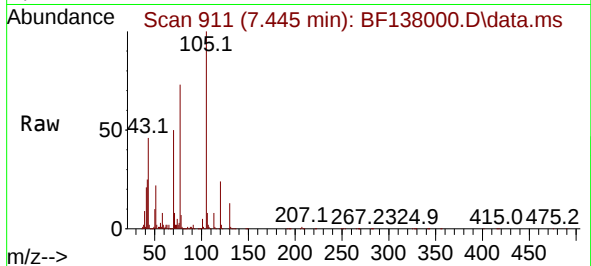




#19
n-Nitroso-di-n-propylamine
Concen: 44.942 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

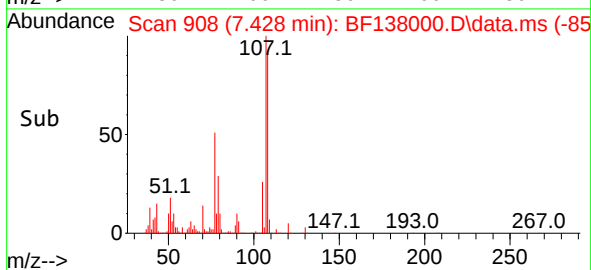
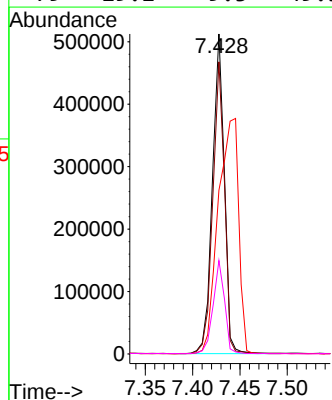
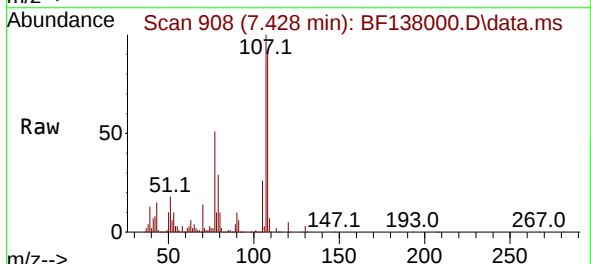
Instrument :
BNA_F
ClientSampleId :
PB161028BSD

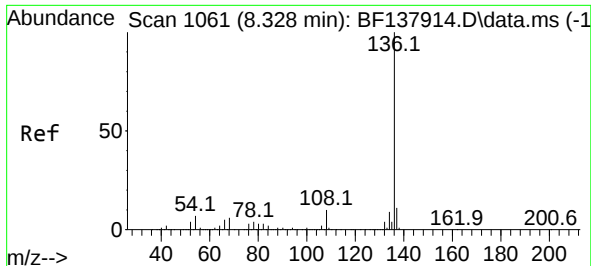
Tgt Ion: 70 Resp: 283177
Ion Ratio Lower Upper
70 100
42 50.9 42.2 63.4
101 10.9 8.8 13.2
130 26.1 19.8 29.8



#20
3+4-Methylphenols
Concen: 43.258 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion: 107 Resp: 445288
Ion Ratio Lower Upper
107 100
108 91.3 70.8 110.8
77 51.2 20.2 60.2
79 29.2 9.3 49.3

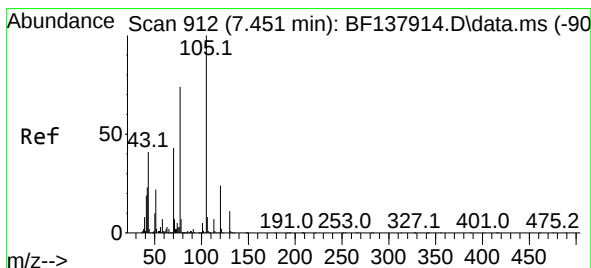
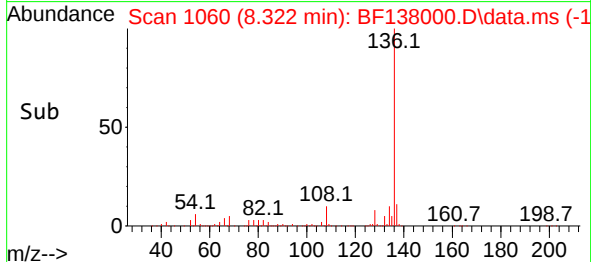
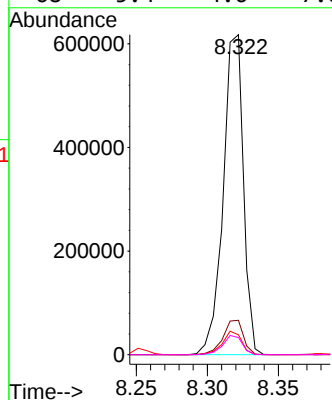
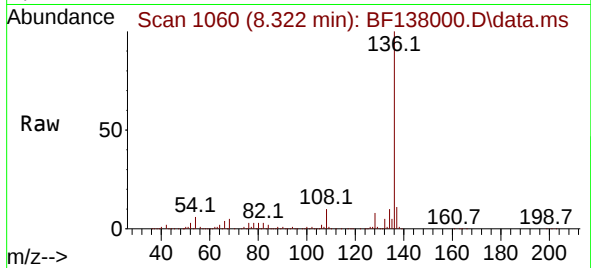




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

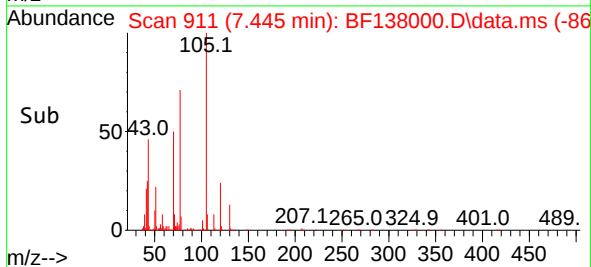
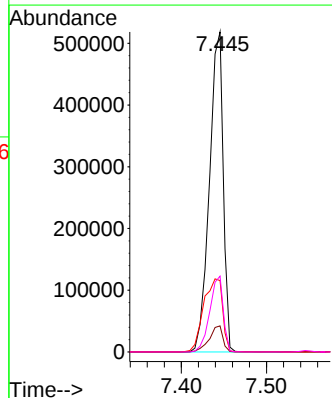
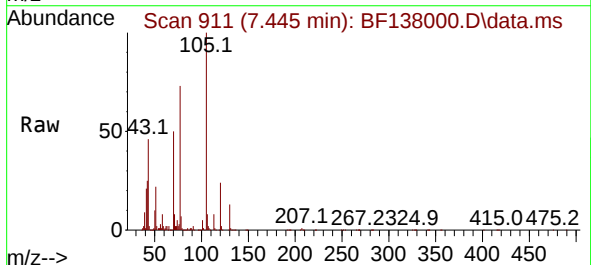
Instrument :
BNA_F
ClientSampleId :
PB161028BSD

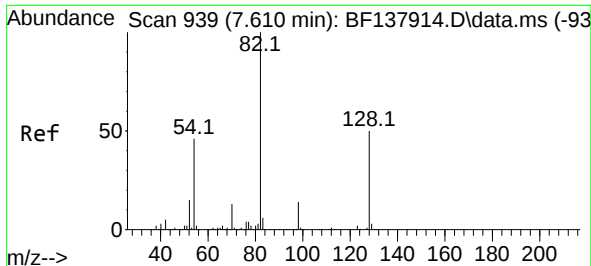
Tgt Ion:136 Resp: 611970
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 6.2 5.4 8.2
68 5.4 4.6 7.0



#22
Acetophenone
Concen: 42.610 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:105 Resp: 584145
Ion Ratio Lower Upper
105 100
71 8.2 5.7 8.5
51 22.3 17.8 26.8
120 23.7 19.0 28.6

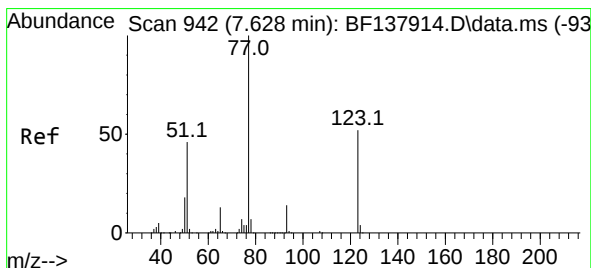
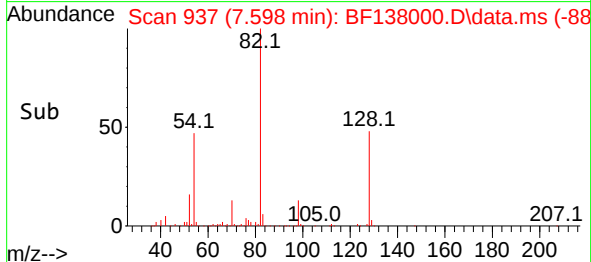
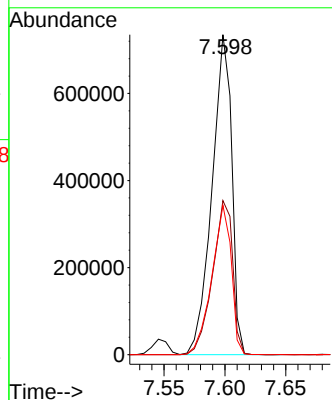
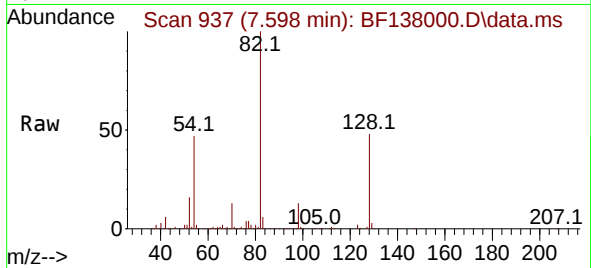




#23
Nitrobenzene-d5
Concen: 79.780 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

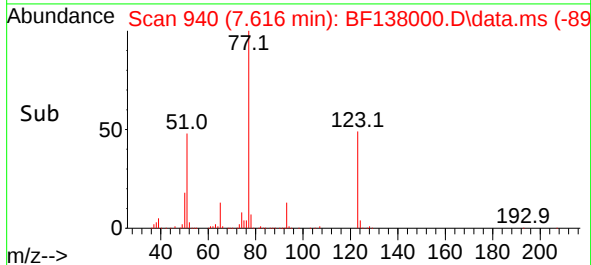
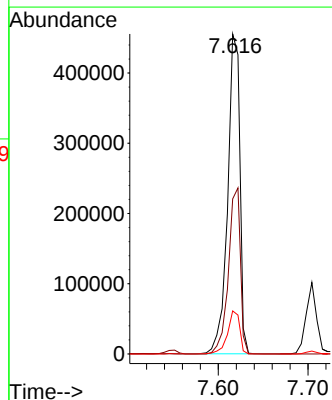
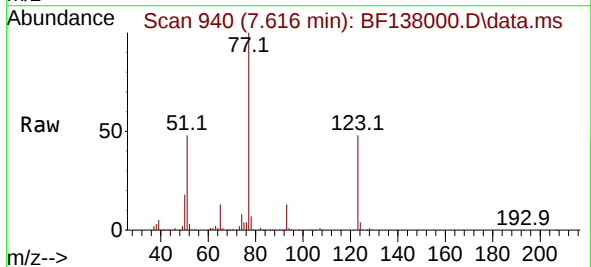
Instrument :
BNA_F
ClientSampleId :
PB161028BSD

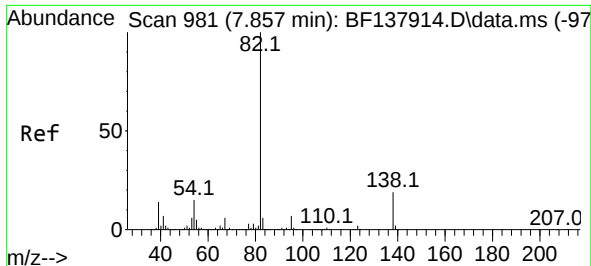
Tgt Ion: 82 Resp: 829608
Ion Ratio Lower Upper
82 100
128 48.1 40.3 60.5
54 46.6 36.8 55.2



#24
Nitrobenzene
Concen: 40.808 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion: 77 Resp: 430483
Ion Ratio Lower Upper
77 100
123 48.5 41.4 62.2
65 13.4 10.5 15.7

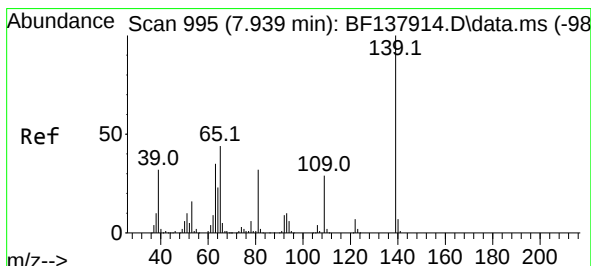
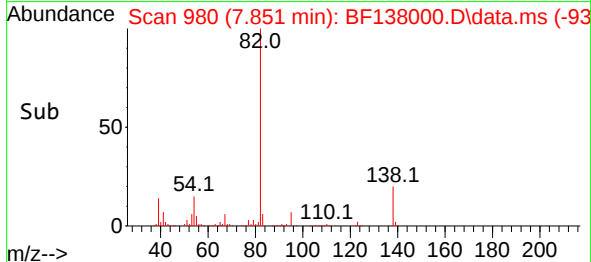
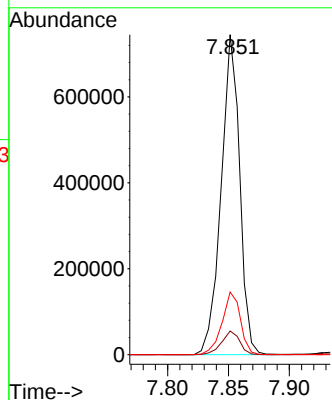
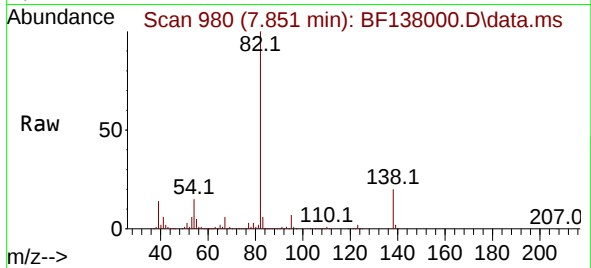




#25
Isophorone
Concen: 43.722 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

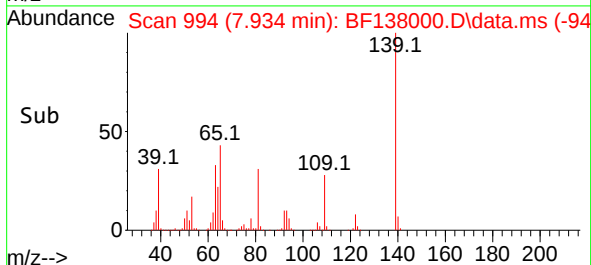
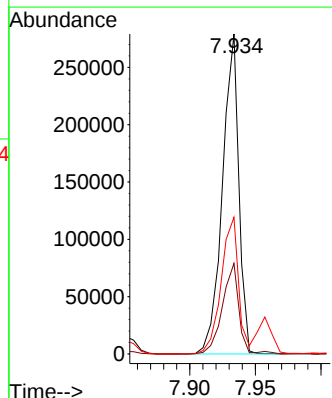
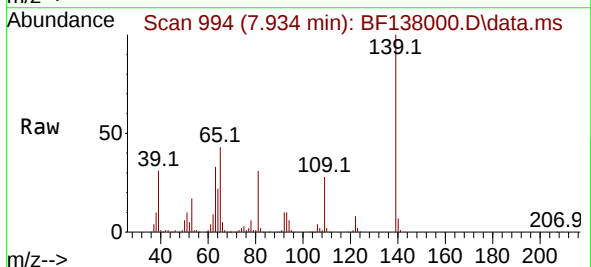
Instrument :
BNA_F
ClientSampleId :
PB161028BSD

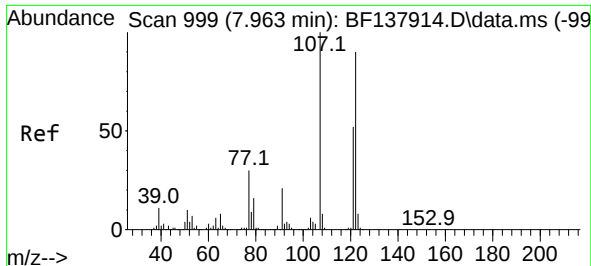
Tgt Ion: 82 Resp: 789075
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 19.6 15.0 22.4



#26
2-Nitrophenol
Concen: 45.573 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

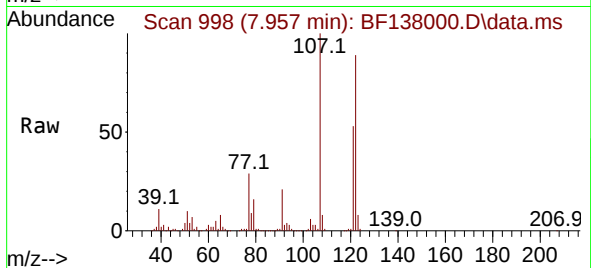
Tgt Ion:139 Resp: 241565
Ion Ratio Lower Upper
139 100
109 28.3 22.8 34.2
65 42.7 35.2 52.8



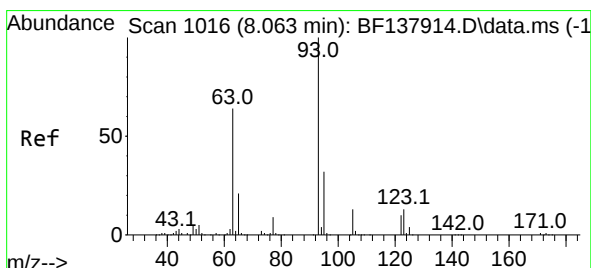
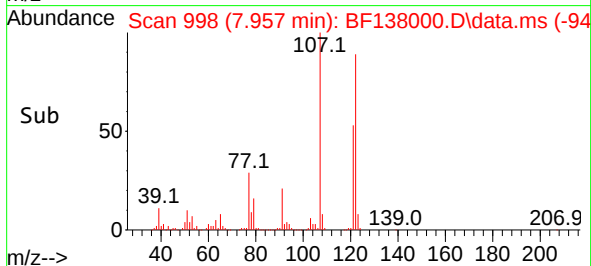
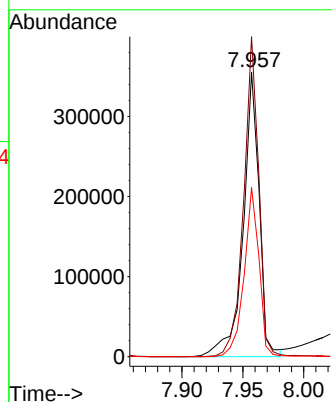


#27
2,4-Dimethylphenol
Concen: 47.407 ng
RT: 7.957 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Instrument :
BNA_F
ClientSampleId :
PB161028BSD

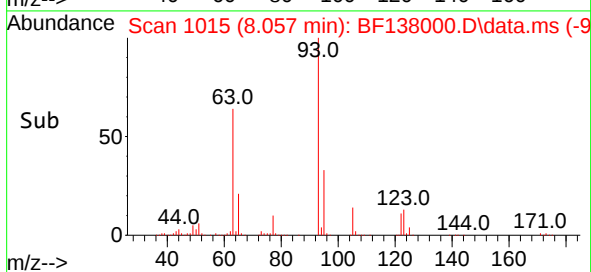
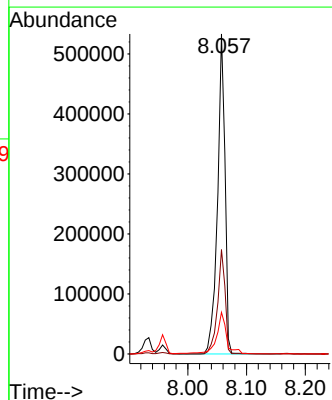
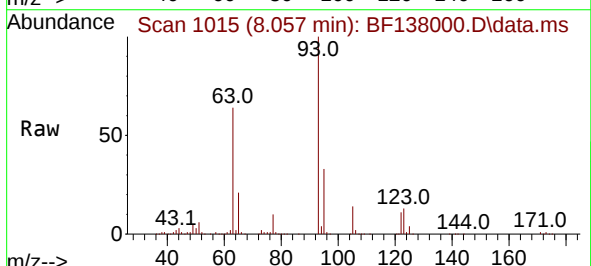


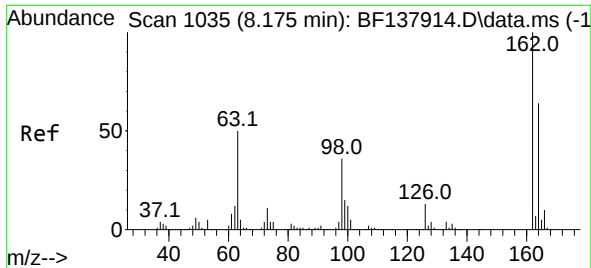
Tgt Ion:122 Resp: 323524
Ion Ratio Lower Upper
122 100
107 112.5 89.0 133.4
121 59.4 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 43.264 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion: 93 Resp: 473233
Ion Ratio Lower Upper
93 100
95 32.6 25.9 38.9
123 13.0 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 43.948 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD

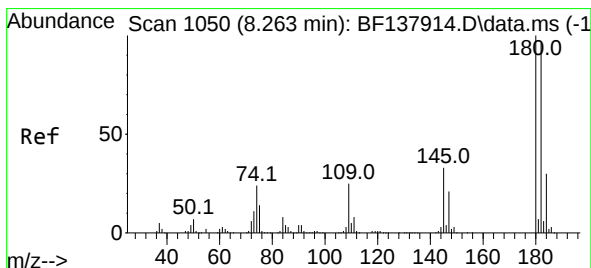
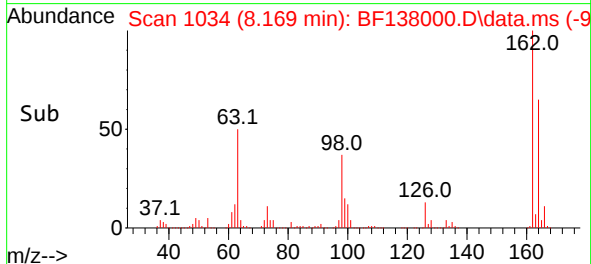
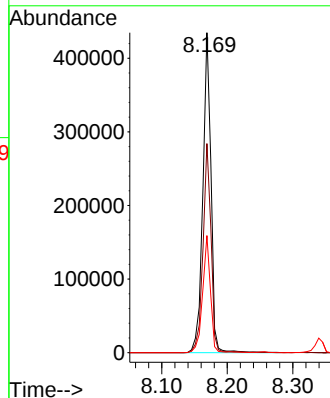
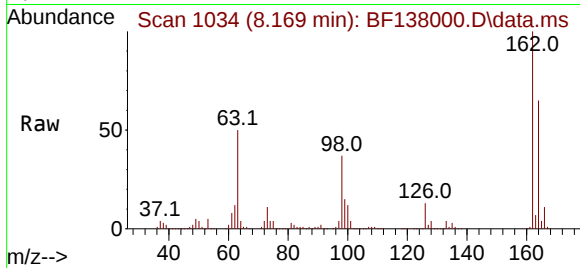
Tgt Ion:162 Resp: 377151

Ion Ratio Lower Upper

162 100

164 65.4 44.3 84.3

98 36.6 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 41.310 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

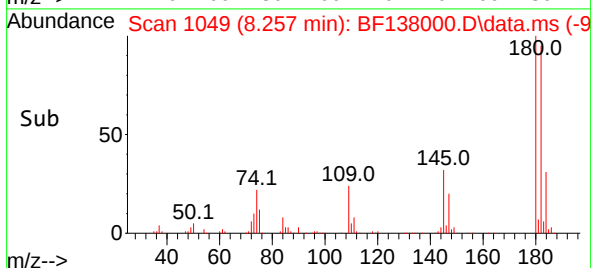
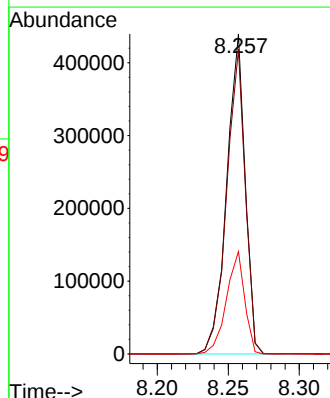
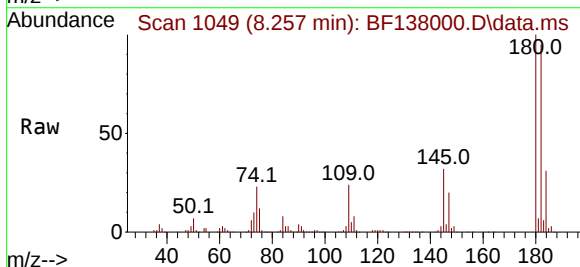
Tgt Ion:180 Resp: 395820

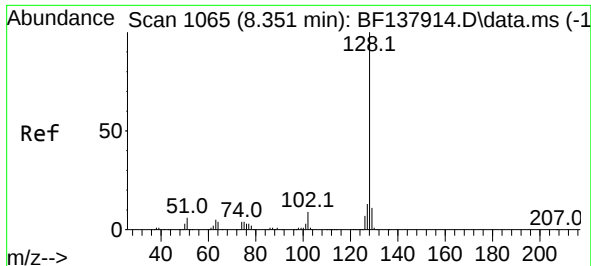
Ion Ratio Lower Upper

180 100

182 95.2 76.5 114.7

145 32.0 26.2 39.2

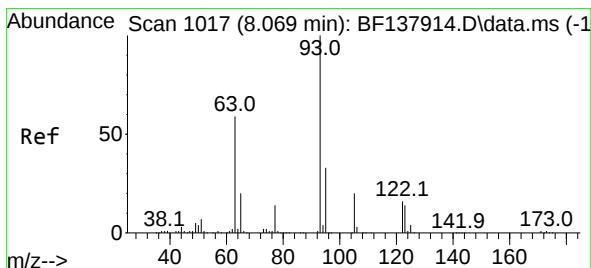
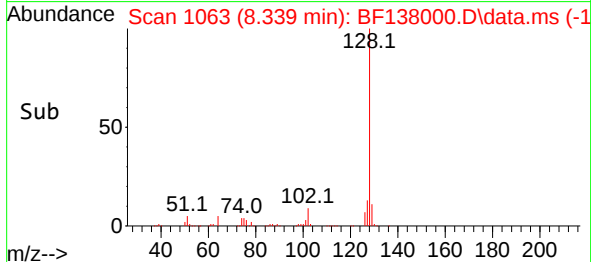
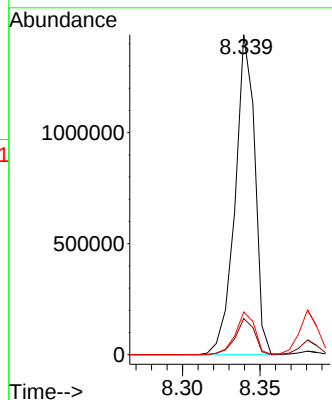
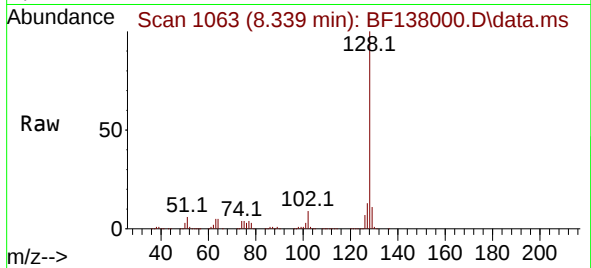




#31
Naphthalene
Concen: 41.395 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.012 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

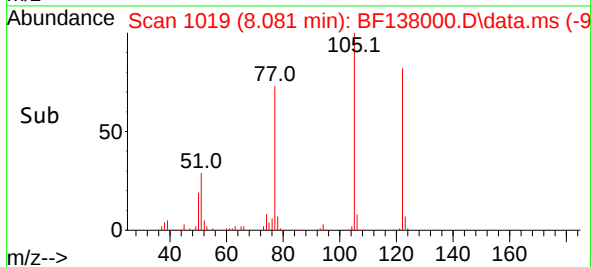
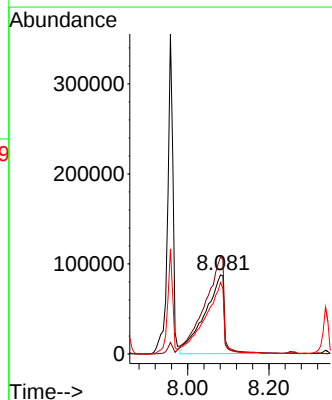
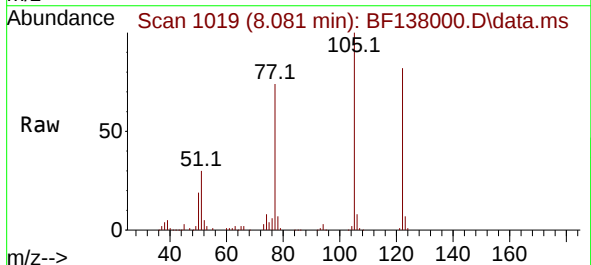
Instrument :
BNA_F
ClientSampleId :
PB161028BSD

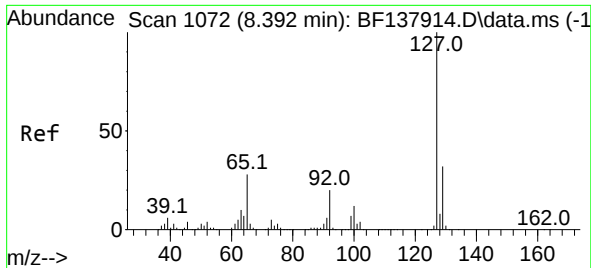
Tgt Ion:128 Resp: 1273731
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 50.877 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.012 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:122 Resp: 293502
Ion Ratio Lower Upper
122 100
105 122.4 103.8 143.8
77 90.2 68.4 108.4

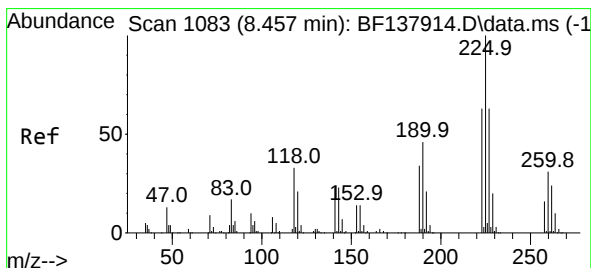
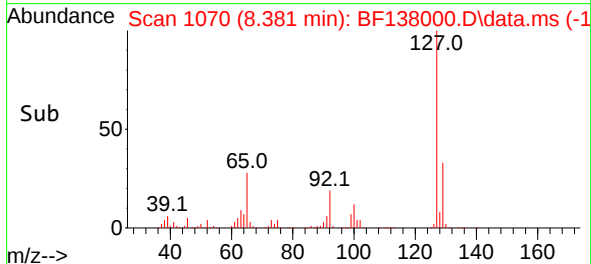
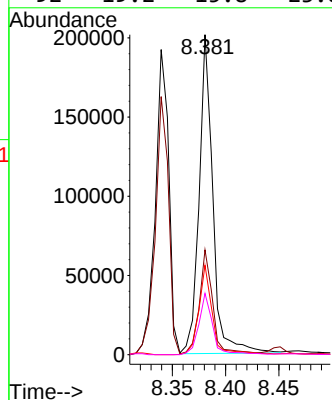
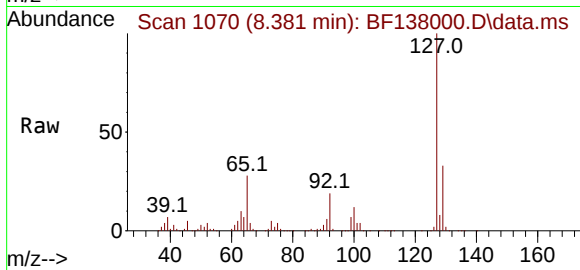




#33
4-Chloroaniline
Concen: 17.987 ng
RT: 8.381 min Scan# 1070
Delta R.T. -0.012 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

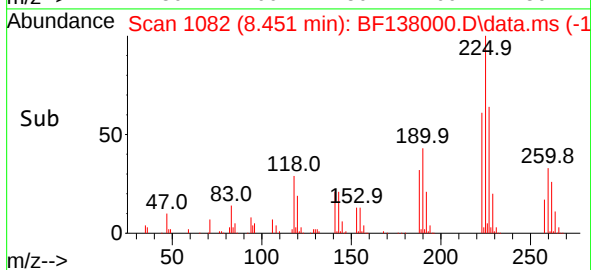
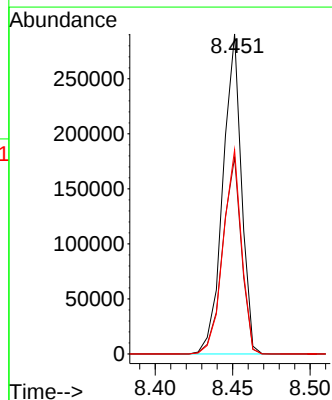
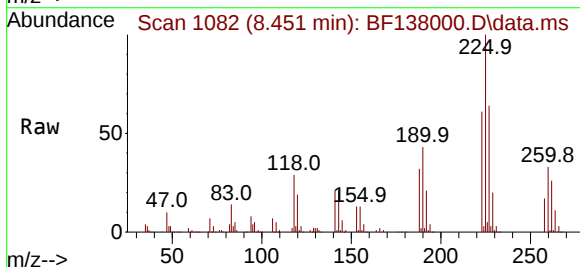
Instrument :
BNA_F
ClientSampleId :
PB161028BSD

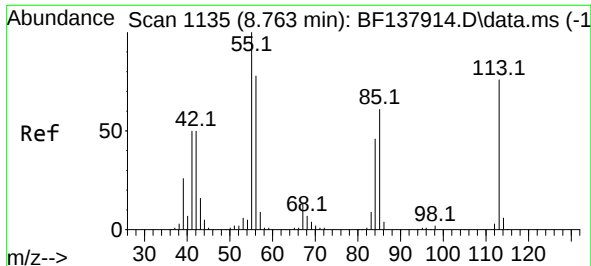
Tgt Ion:	127	Resp:	181431
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.4	38.2
65	27.9	22.0	33.0
92	19.2	15.8	23.8



#34
Hexachlorobutadiene
Concen: 39.804 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:	225	Resp:	241404
Ion Ratio	Lower	Upper	
225	100		
223	61.5	50.0	75.0
227	63.9	50.2	75.4

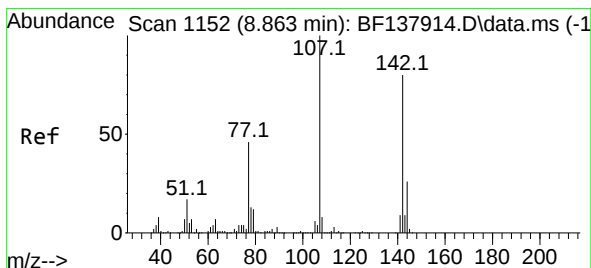
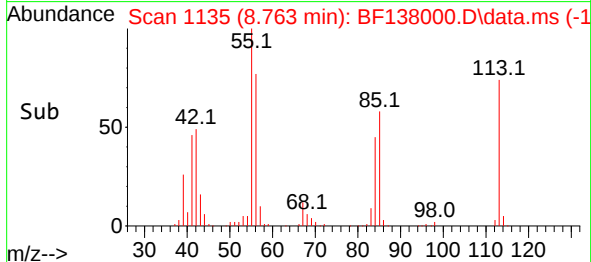
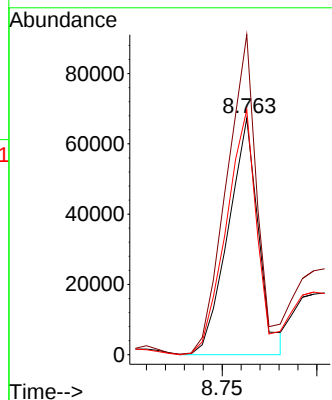
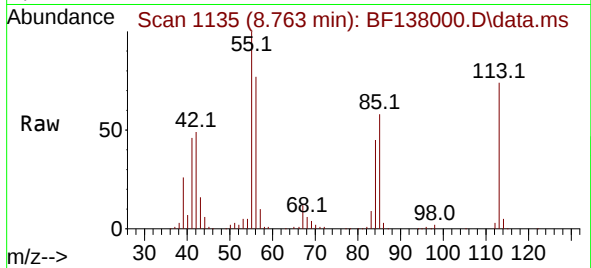




#35
Caprolactam
Concen: 30.011 ng
RT: 8.763 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

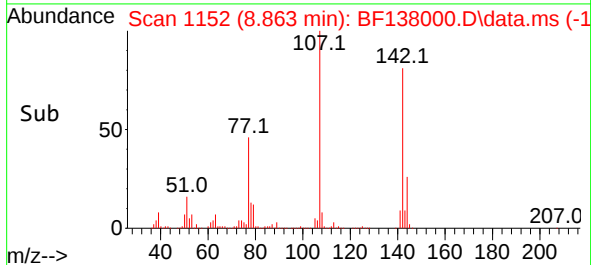
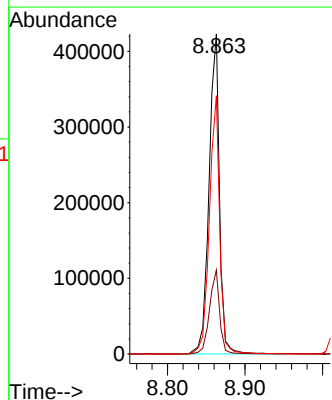
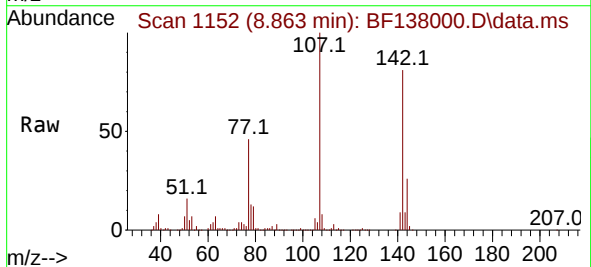
Instrument :
BNA_F
ClientSampleId :
PB161028BSD

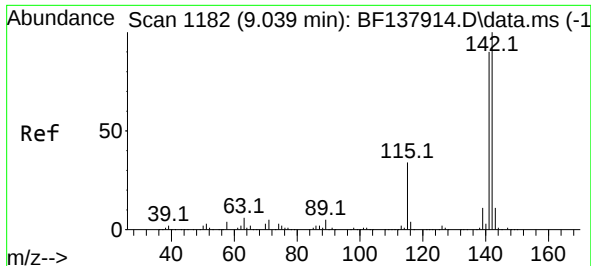
Tgt Ion:113 Resp: 74614
Ion Ratio Lower Upper
113 100
55 135.4 112.3 152.3
56 103.6 82.7 122.7



#36
4-Chloro-3-methylphenol
Concen: 45.254 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:107 Resp: 395064
Ion Ratio Lower Upper
107 100
144 26.2 20.7 31.1
142 80.7 64.0 96.0





#37

2-Methylnaphthalene

Concen: 43.021 ng

RT: 9.034 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

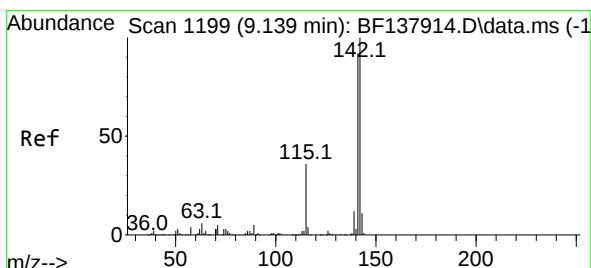
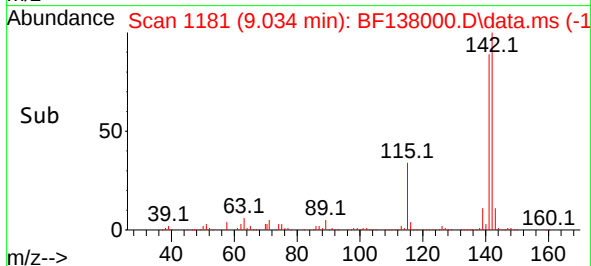
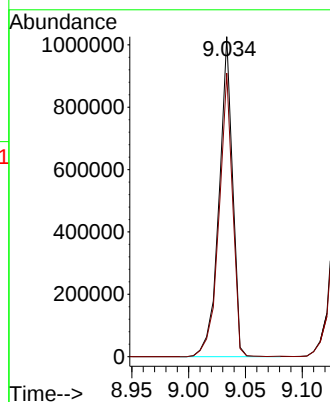
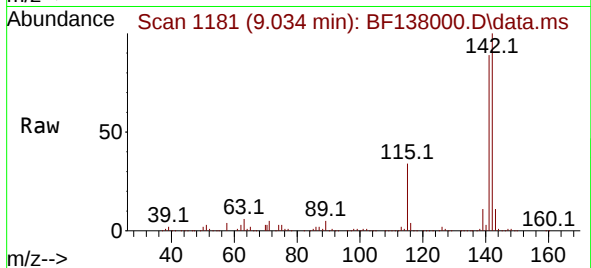
PB161028BSD

Tgt Ion:142 Resp: 850905

Ion Ratio Lower Upper

142 100

141 88.6 72.0 108.0



#38

1-Methylnaphthalene

Concen: 40.256 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF138000.D

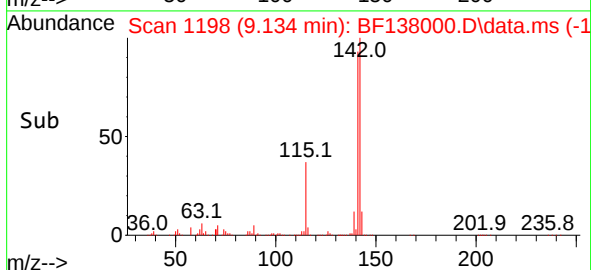
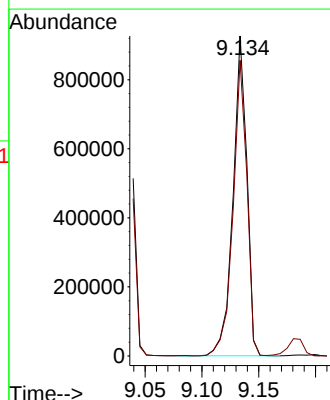
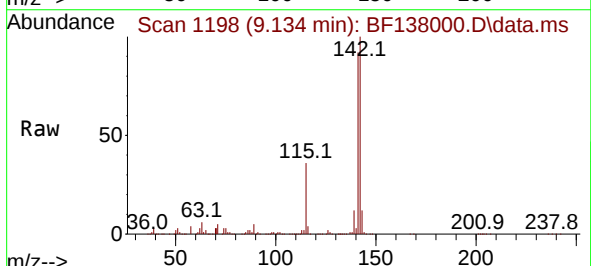
Acq: 22 May 2024 12:14

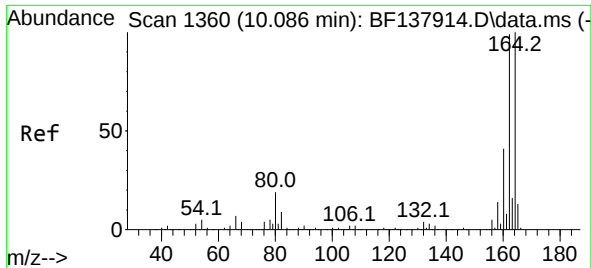
Tgt Ion:142 Resp: 782757

Ion Ratio Lower Upper

142 100

141 92.4 73.7 110.5

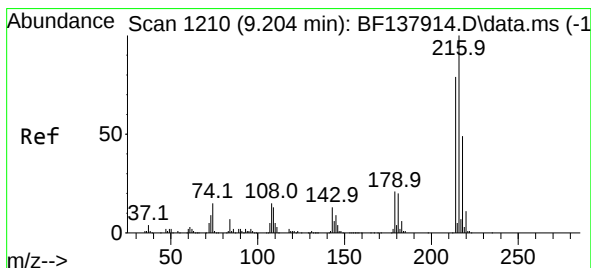
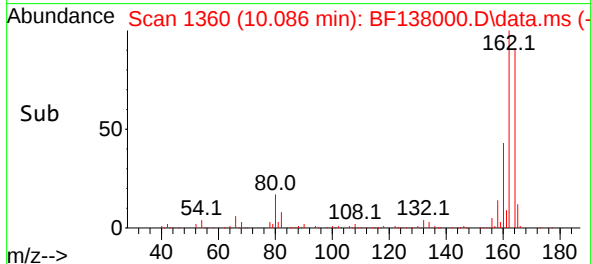
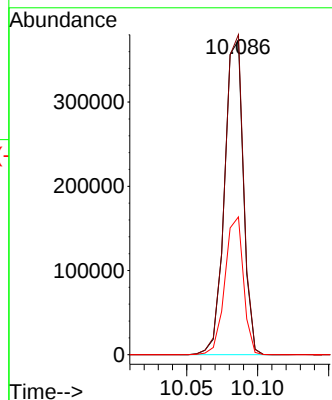
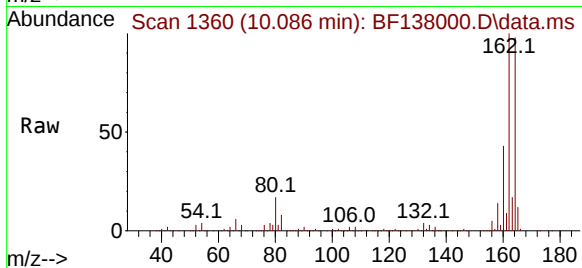




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

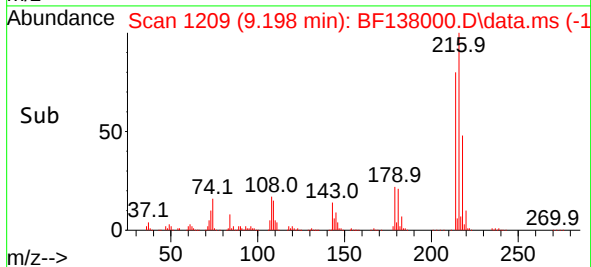
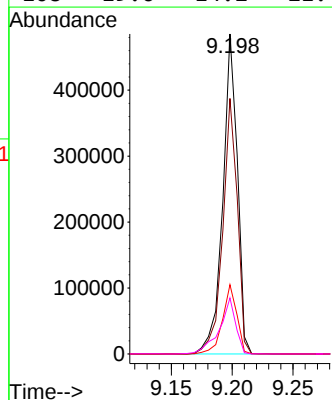
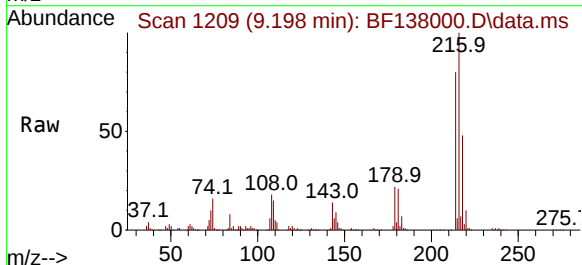
Instrument :
BNA_F
ClientSampleId :
PB161028BSD

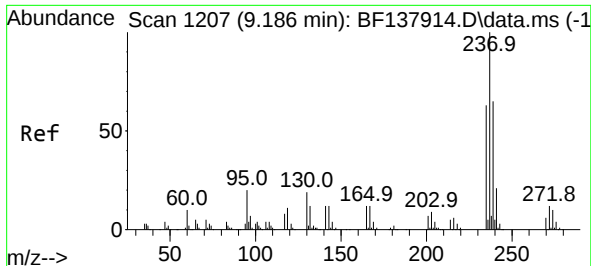
Tgt Ion:164 Resp: 345009
Ion Ratio Lower Upper
164 100
162 101.8 79.4 119.2
160 43.8 33.1 49.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.177 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

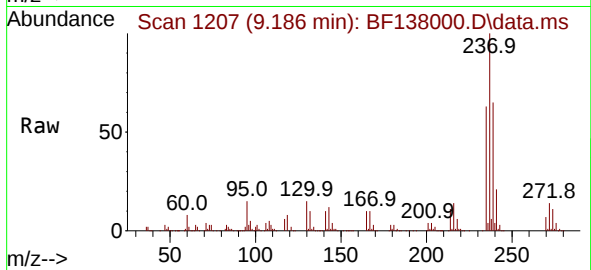
Tgt Ion:216 Resp: 404980
Ion Ratio Lower Upper
216 100
214 79.7 63.4 95.2
179 21.3 17.0 25.4
108 19.6 14.2 21.4



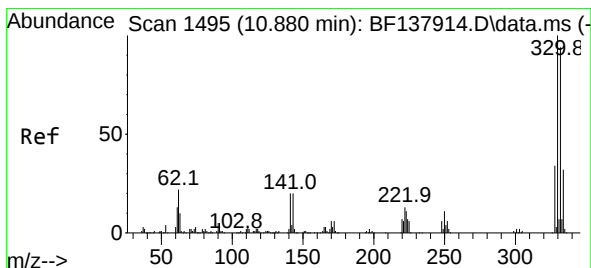
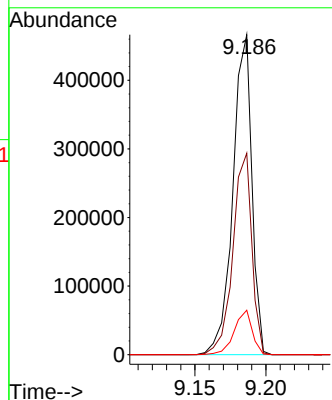
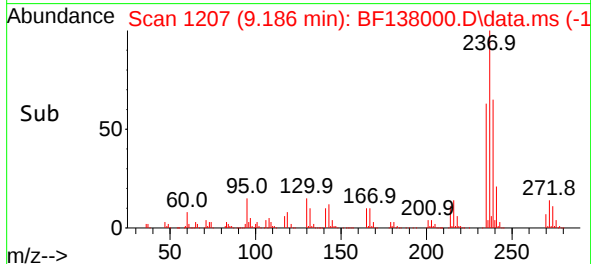


#41
Hexachlorocyclopentadiene
Concen: 121.919 ng
RT: 9.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

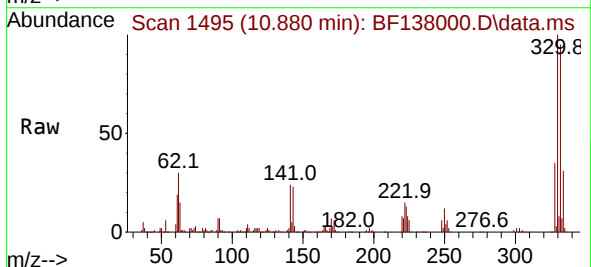
Instrument :
BNA_F
ClientSampleId :
PB161028BSD



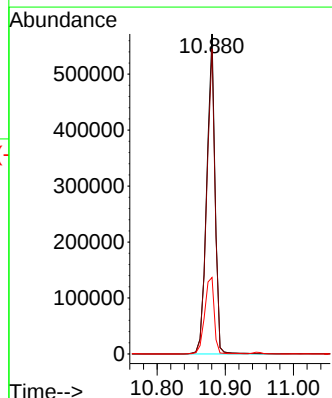
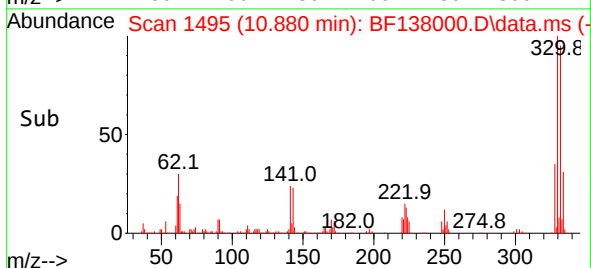
Tgt Ion:237 Resp: 434516
Ion Ratio Lower Upper
237 100
235 62.9 42.8 82.8
272 13.9 0.0 32.0

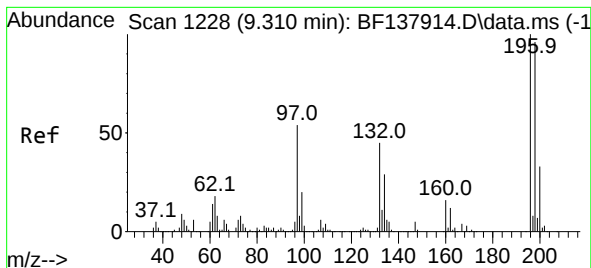


#42
2,4,6-Tribromophenol
Concen: 139.005 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14



Tgt Ion:330 Resp: 483560
Ion Ratio Lower Upper
330 100
332 96.3 75.8 113.8
141 27.6 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 45.993 ng

RT: 9.310 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD

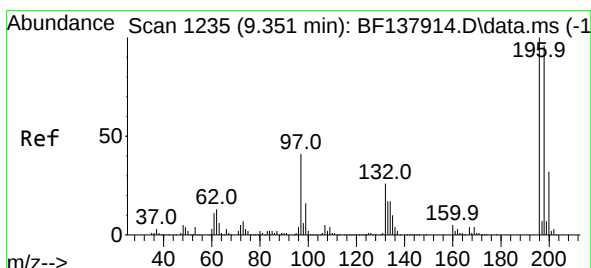
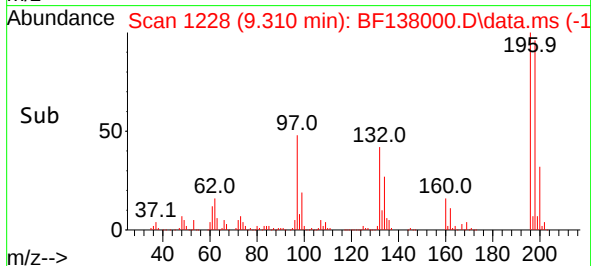
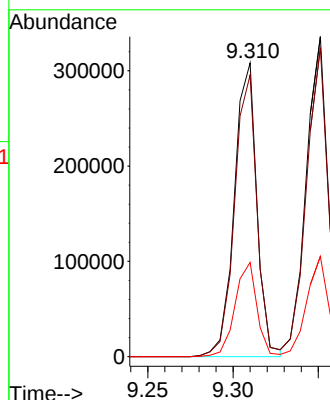
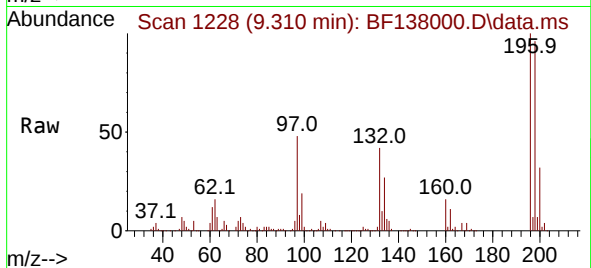
Tgt Ion:196 Resp: 282851

Ion Ratio Lower Upper

196 100

198 95.9 77.0 115.4

200 32.1 26.2 39.2



#44

2,4,5-Trichlorophenol

Concen: 45.452 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Tgt Ion:196 Resp: 305848

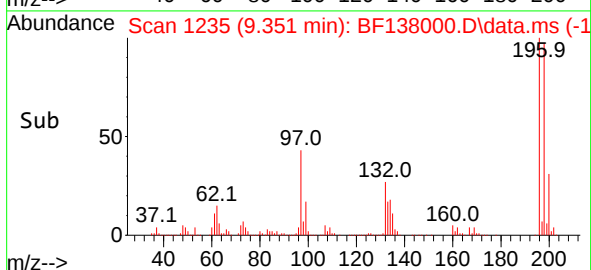
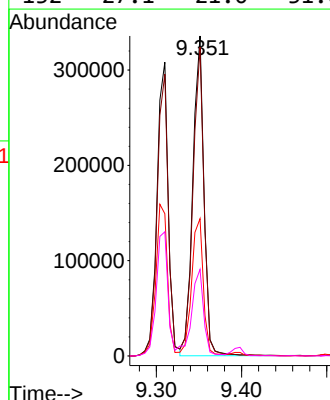
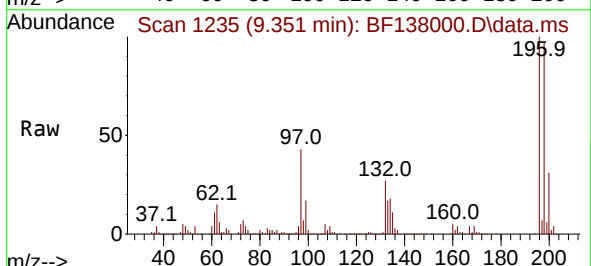
Ion Ratio Lower Upper

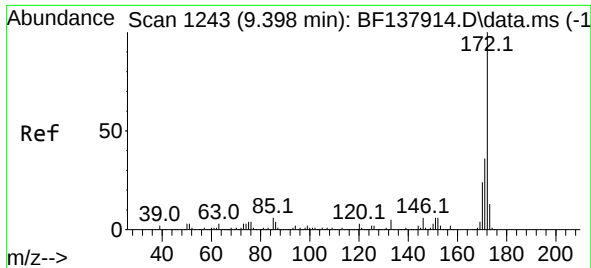
196 100

198 96.5 77.4 116.0

97 42.9 32.9 49.3

132 27.1 21.0 31.6

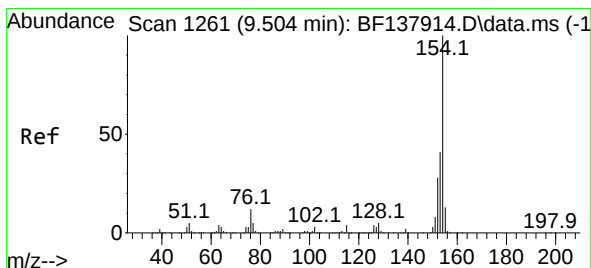
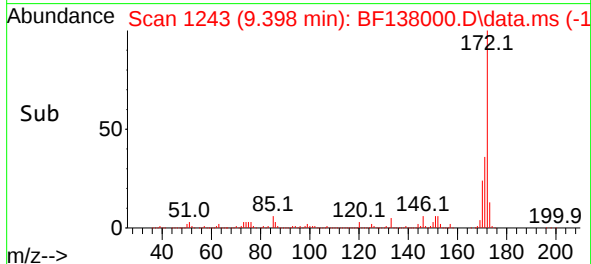
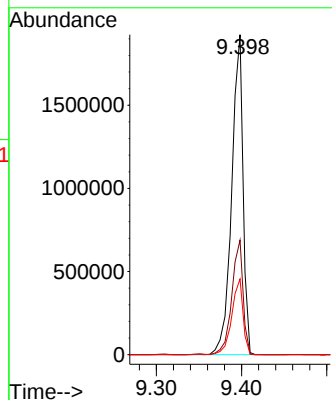
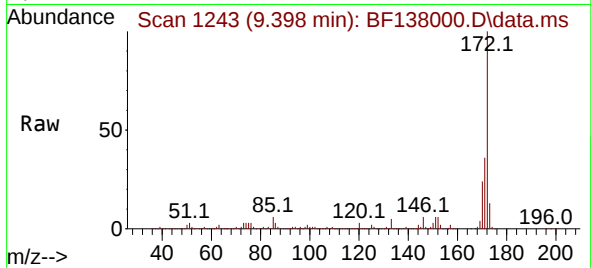




#45
2-Fluorobiphenyl
Concen: 79.743 ng
RT: 9.398 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

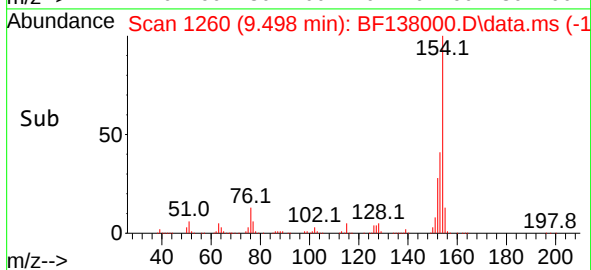
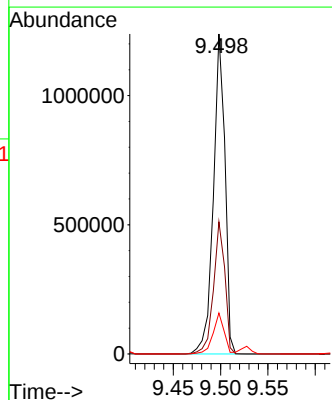
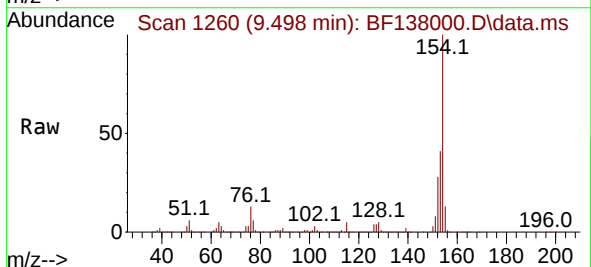
Instrument :
BNA_F
ClientSampleId :
PB161028BSD

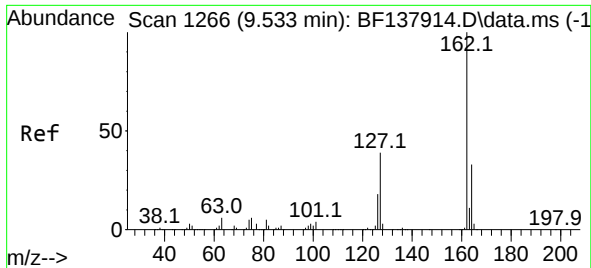
Tgt Ion:172 Resp: 1786045
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 43.279 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:154 Resp: 1047286
Ion Ratio Lower Upper
154 100
153 41.3 21.3 61.3
76 12.8 0.0 31.9

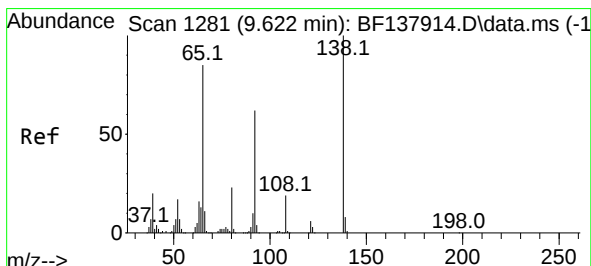
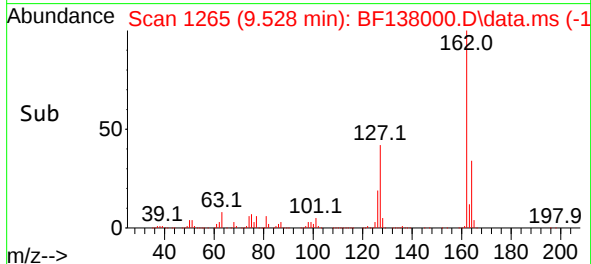
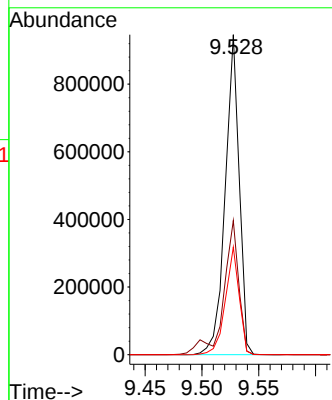
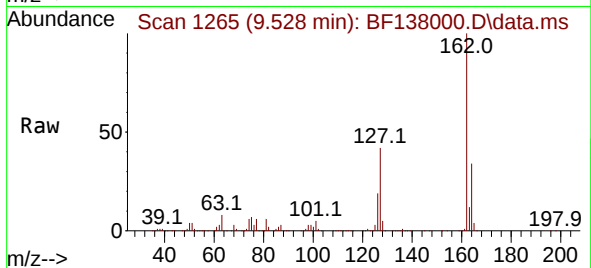




#47
2-Chloronaphthalene
Concen: 42.025 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

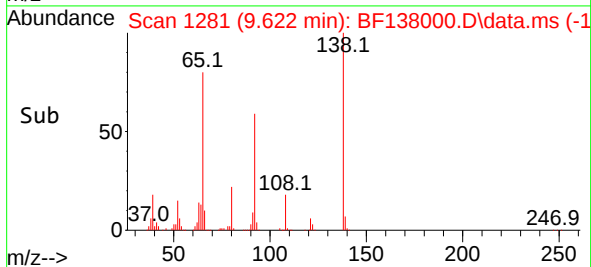
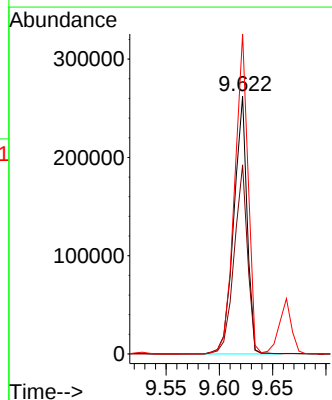
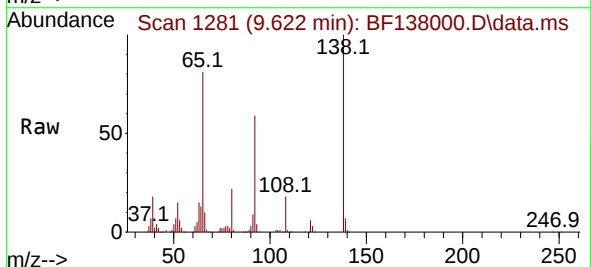
Instrument :
BNA_F
ClientSampleId :
PB161028BSD

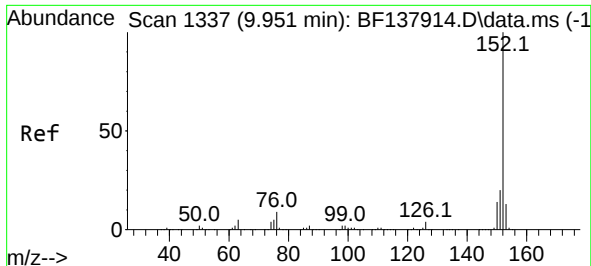
Tgt Ion:162 Resp: 811788
Ion Ratio Lower Upper
162 100
127 41.9 32.0 48.0
164 33.6 26.2 39.4



#48
2-Nitroaniline
Concen: 46.302 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion: 65 Resp: 229034
Ion Ratio Lower Upper
65 100
92 73.4 58.6 88.0
138 124.2 94.1 141.1





#49

Acenaphthylene

Concen: 46.729 ng

RT: 9.945 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD

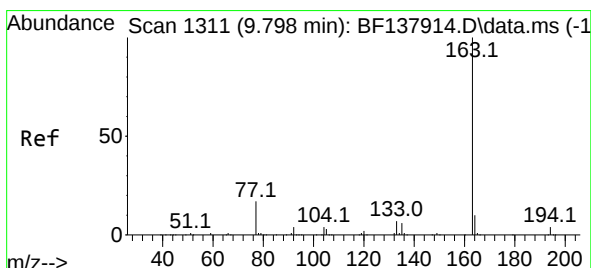
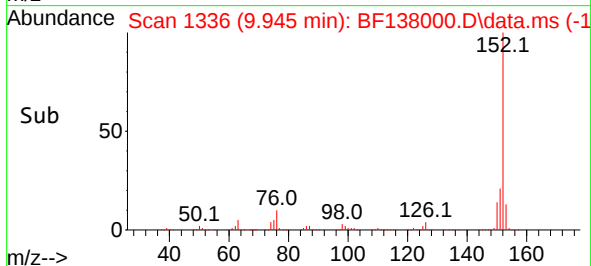
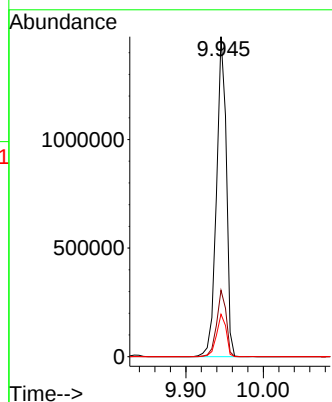
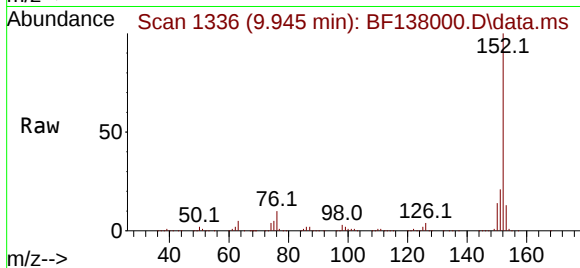
Tgt Ion:152 Resp: 1297912

Ion Ratio Lower Upper

152 100

151 20.8 15.8 23.8

153 13.2 10.2 15.4



#50

Dimethylphthalate

Concen: 45.485 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

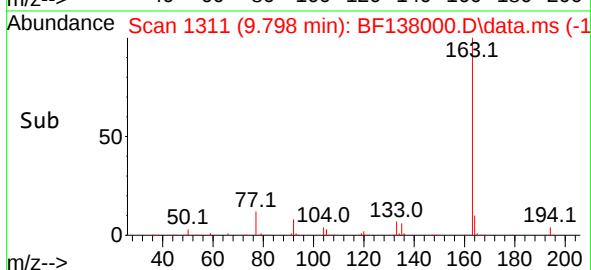
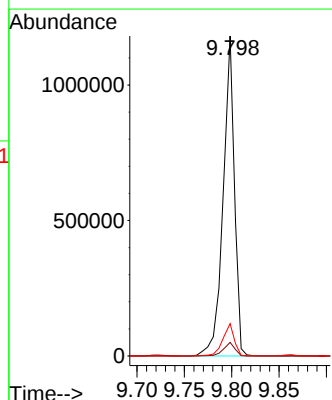
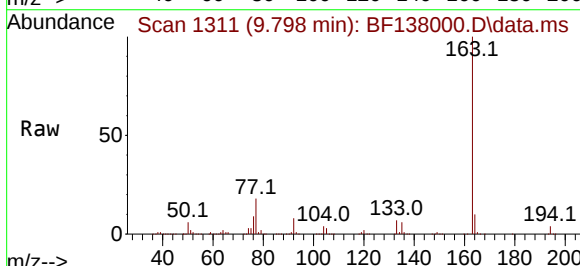
Tgt Ion:163 Resp: 984054

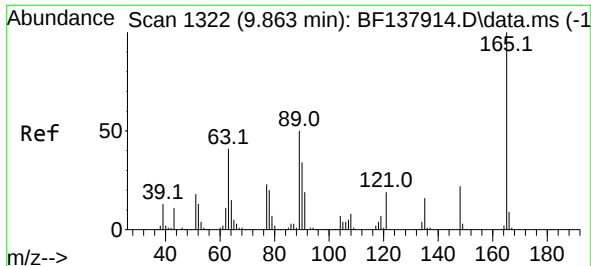
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.1 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 44.882 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD

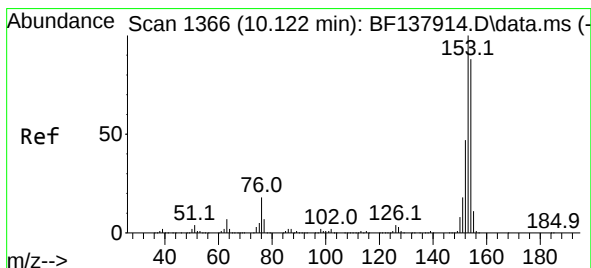
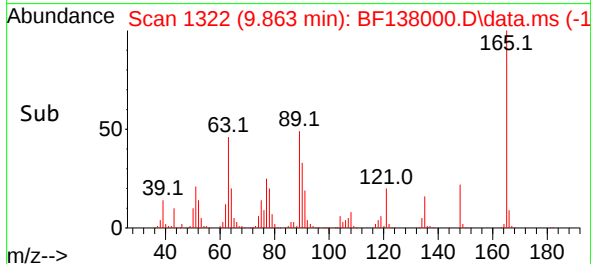
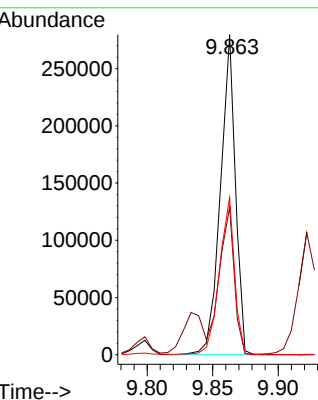
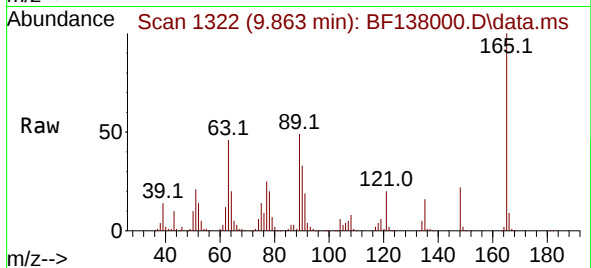
Tgt Ion:165 Resp: 222858

Ion Ratio Lower Upper

165 100

63 46.0 38.9 58.3

89 49.1 40.4 60.6



#52

Acenaphthene

Concen: 48.533 ng

RT: 10.116 min Scan# 1365

Delta R.T. -0.006 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

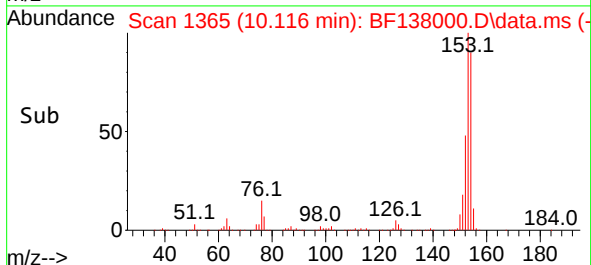
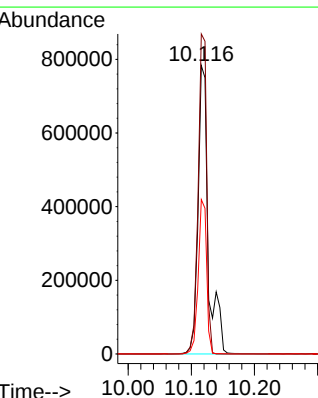
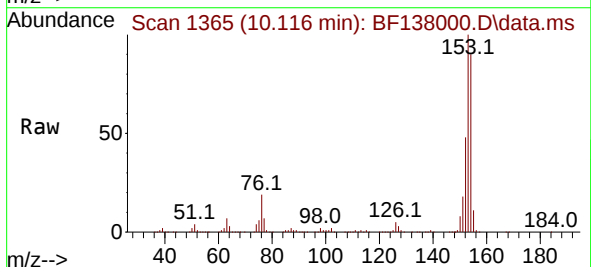
Tgt Ion:154 Resp: 890964

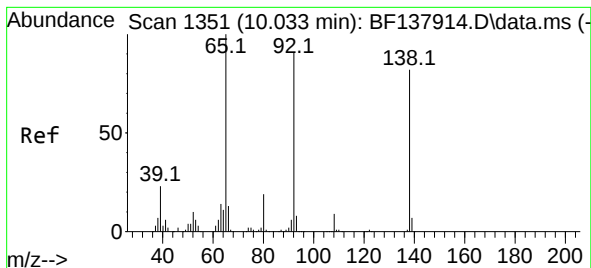
Ion Ratio Lower Upper

154 100

153 111.0 90.4 135.6

152 53.5 42.3 63.5

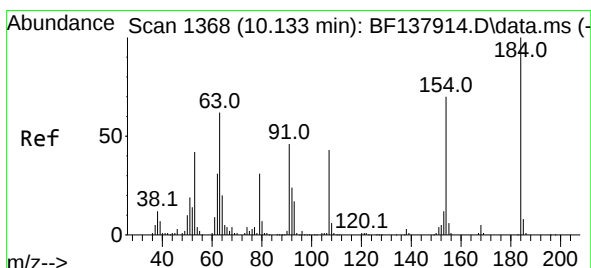
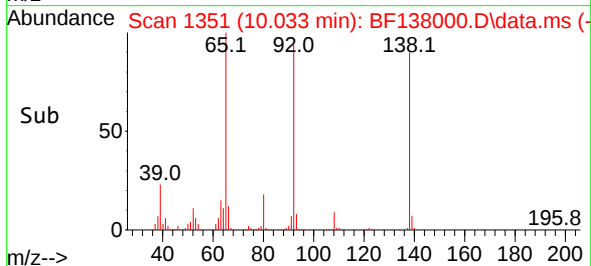
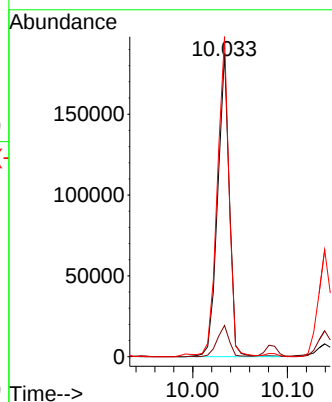
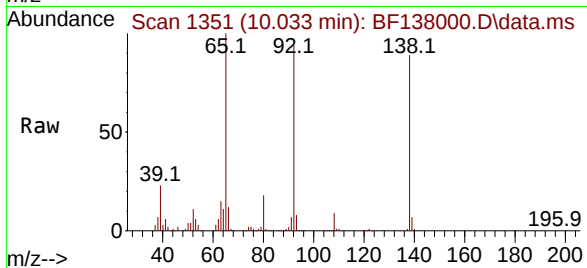




#53
3-Nitroaniline
Concen: 33.010 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

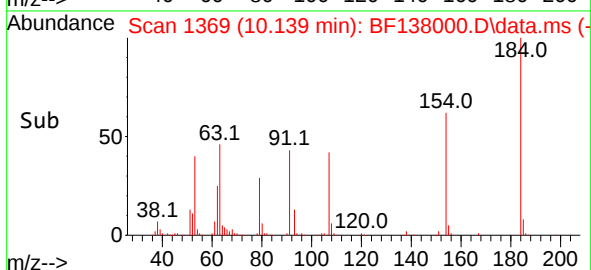
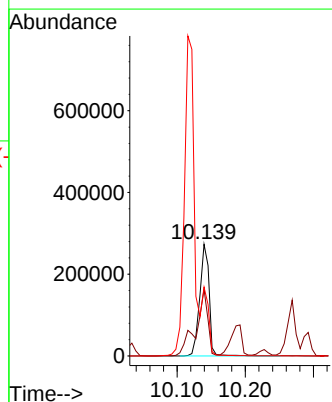
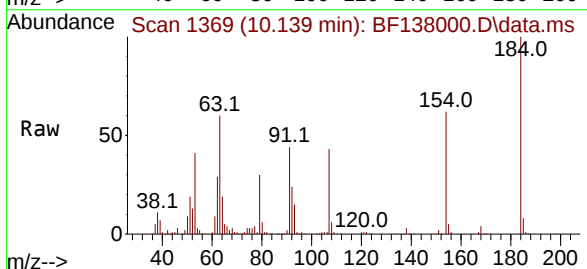
Instrument :
BNA_F
ClientSampleId :
PB161028BSD

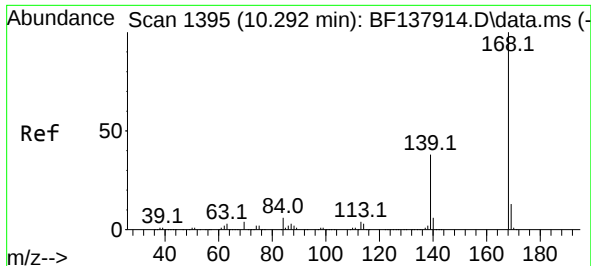
Tgt Ion:138 Resp: 160241
Ion Ratio Lower Upper
138 100
108 10.3 8.8 13.2
92 105.4 88.6 133.0



#54
2,4-Dinitrophenol
Concen: 95.800 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

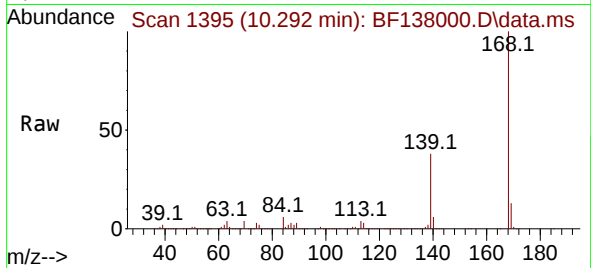
Tgt Ion:184 Resp: 261032
Ion Ratio Lower Upper
184 100
63 59.6 50.4 75.6
154 61.7 63.7 95.5#



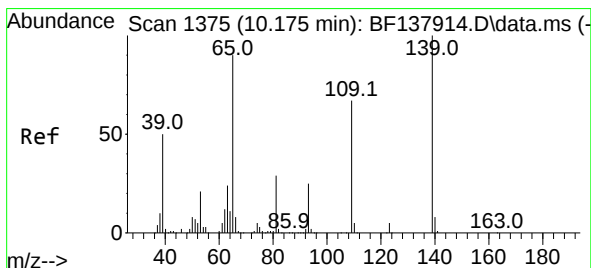
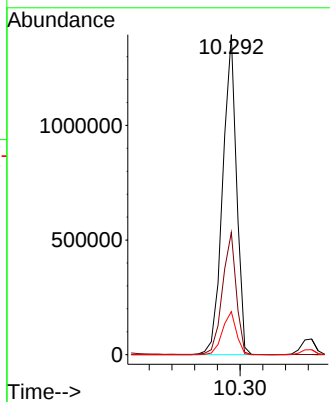
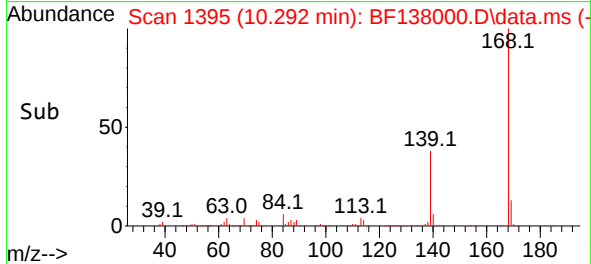


#55
Dibenzenofuran
Concen: 44.389 ng
RT: 10.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Instrument :
BNA_F
ClientSampleId :
PB161028BSD

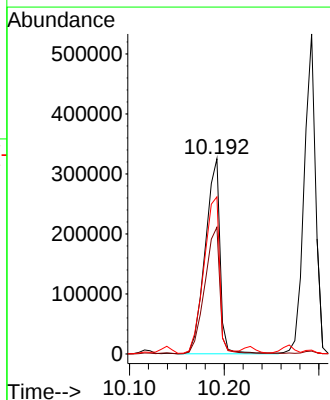
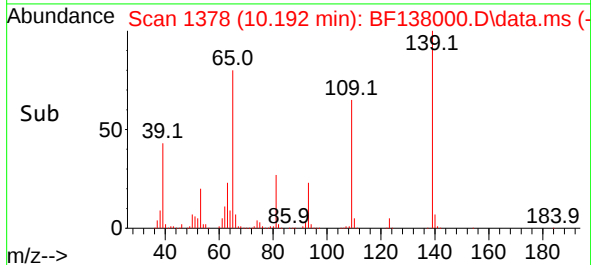
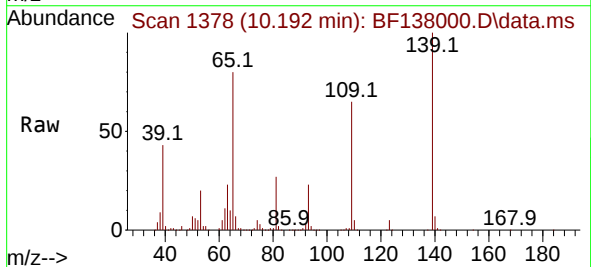


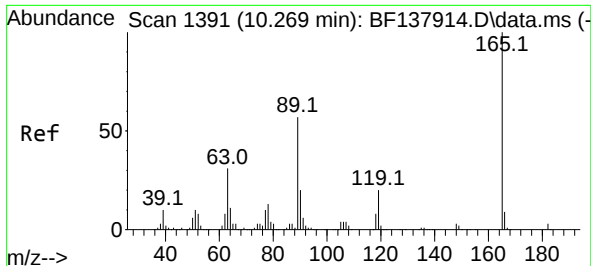
Tgt Ion:168 Resp: 1185927
Ion Ratio Lower Upper
168 100
139 38.2 30.4 45.6
169 13.5 10.5 15.7



#56
4-Nitrophenol
Concen: 101.274 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.018 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:139 Resp: 353091
Ion Ratio Lower Upper
139 100
109 64.9 46.5 86.5
65 80.5 70.4 110.4

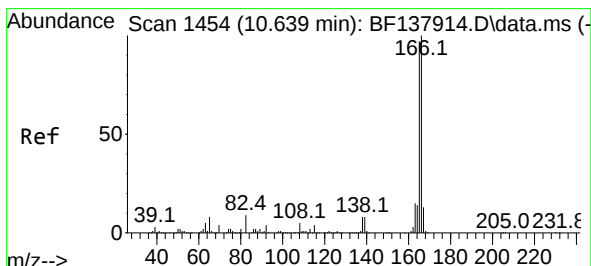
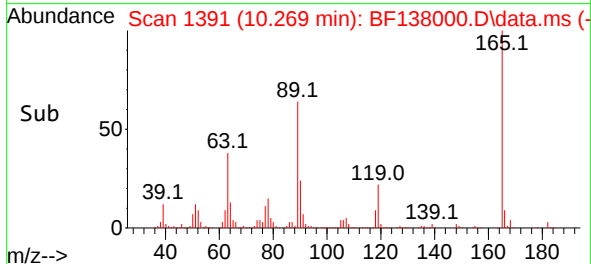
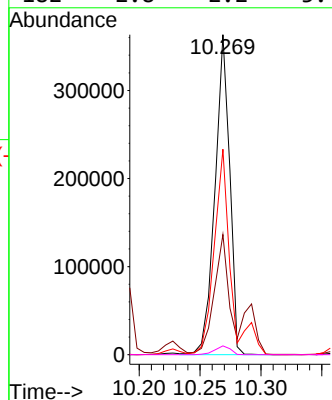
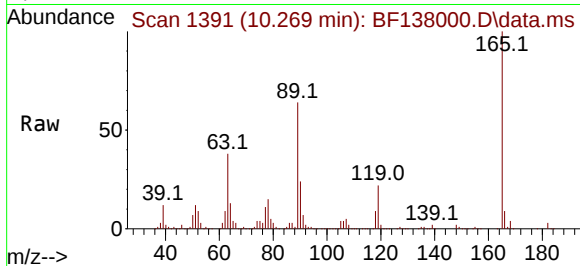




#57
2,4-Dinitrotoluene
Concen: 47.645 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

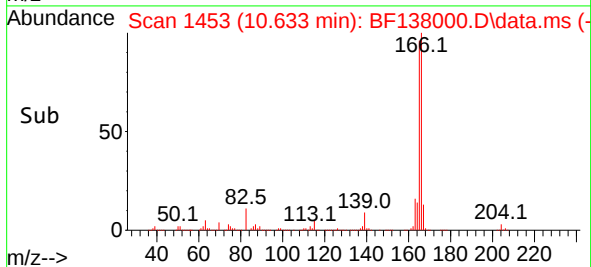
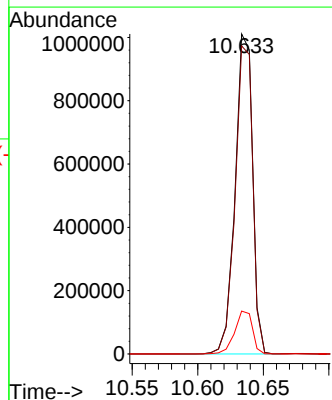
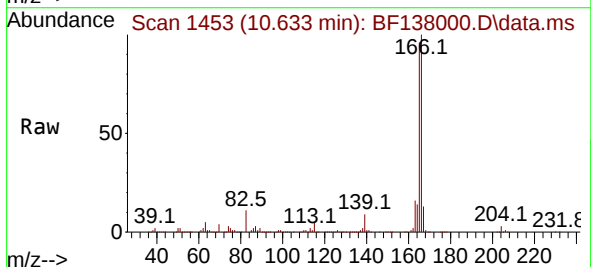
Instrument :
BNA_F
ClientSampleId :
PB161028BSD

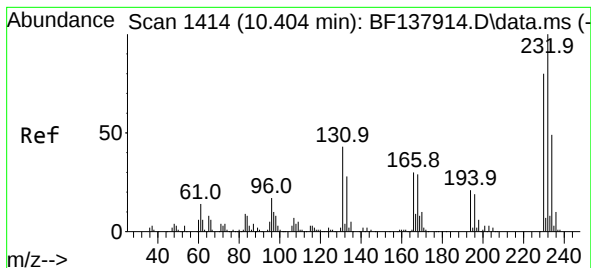
Tgt Ion	165	Resp:	305844
	Ratio	Lower	Upper
165	100		
63	37.6	25.3	37.9
89	64.2	45.9	68.9
182	2.8	2.2	3.4



#58
Fluorene
Concen: 44.461 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:166	Resp:	939557	
Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.8	116.8
167	13.4	10.4	15.6

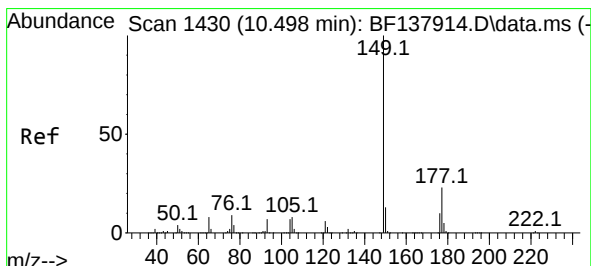
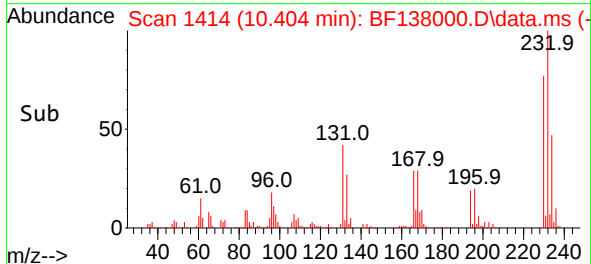
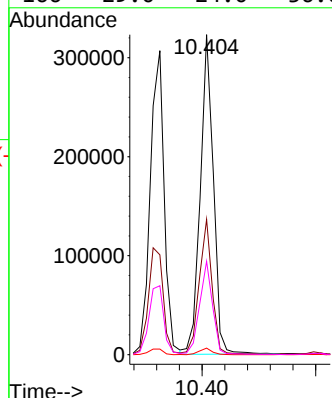
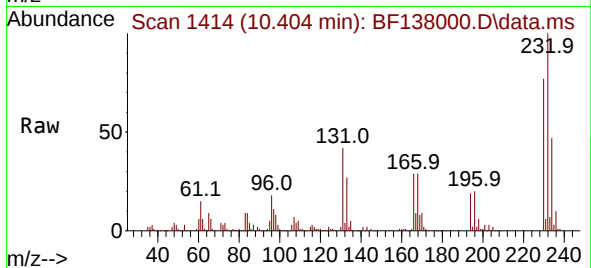




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.070 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

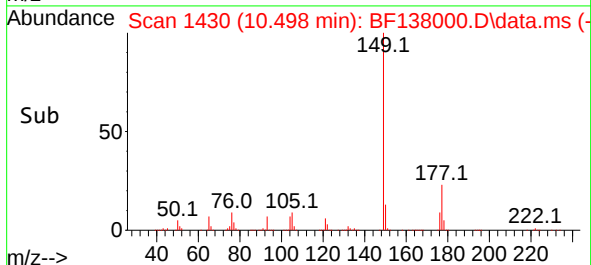
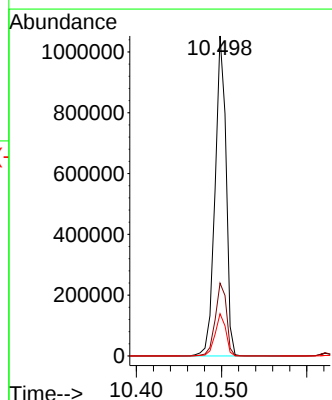
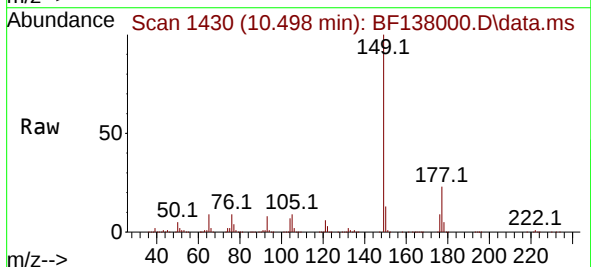
Instrument :
BNA_F
ClientSampleId :
PB161028BSD

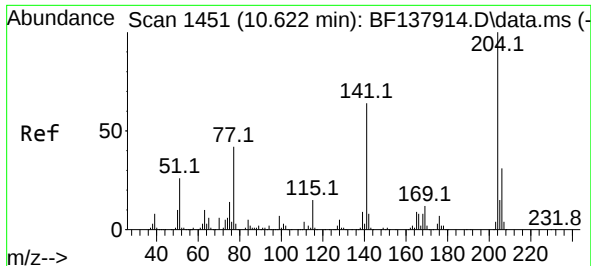
Tgt Ion:232 Resp: 259393
Ion Ratio Lower Upper
232 100
131 41.8 34.4 51.6
130 2.0 1.7 2.5
166 29.0 24.0 36.0



#60
Diethylphthalate
Concen: 46.698 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:149 Resp: 943555
Ion Ratio Lower Upper
149 100
177 22.8 18.4 27.6
150 13.2 10.1 15.1

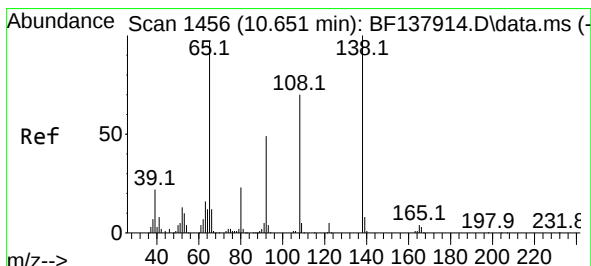
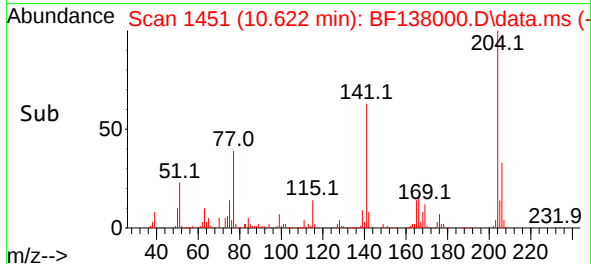
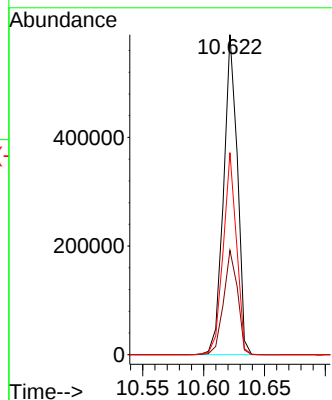
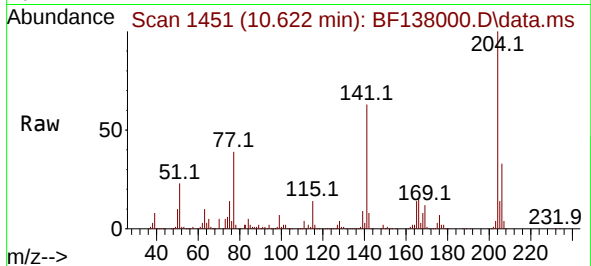




#61
4-Chlorophenyl-phenylether
Concen: 44.510 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

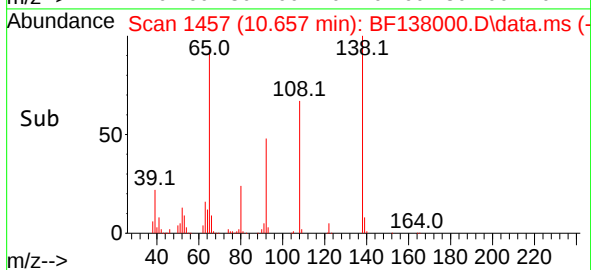
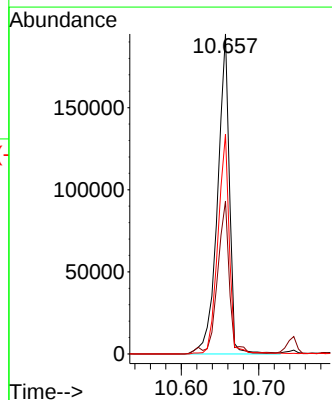
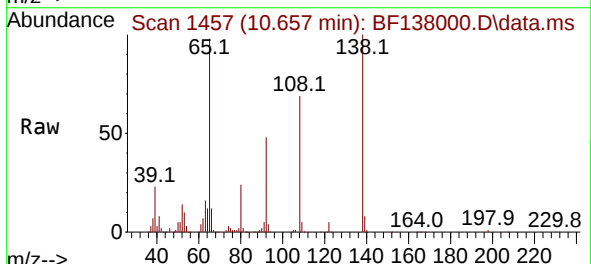
Instrument :
BNA_F
ClientSampleId :
PB161028BSD

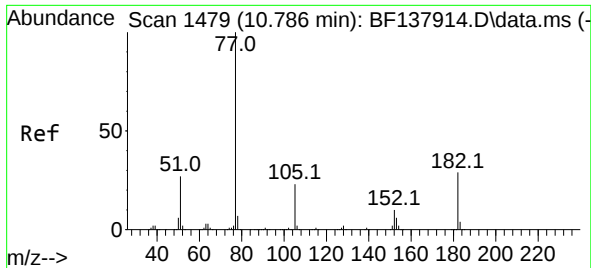
Tgt Ion:204 Resp: 463851
Ion Ratio Lower Upper
204 100
206 32.6 25.1 37.7
141 63.2 51.0 76.6



#62
4-Nitroaniline
Concen: 45.239 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:138 Resp: 208287
Ion Ratio Lower Upper
138 100
92 47.8 29.0 69.0
108 68.7 49.7 89.7

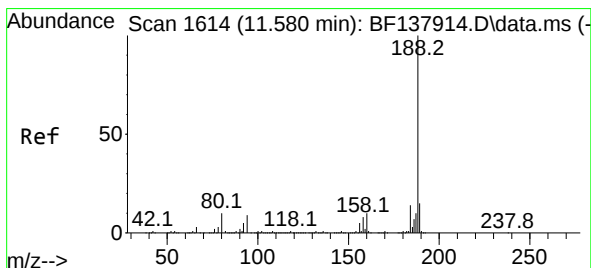
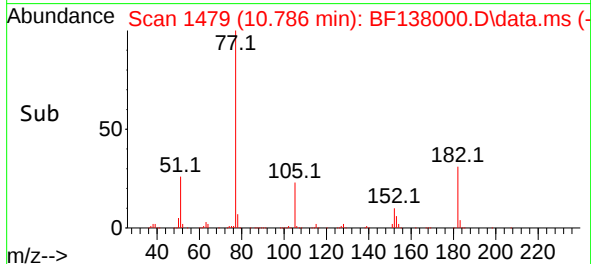
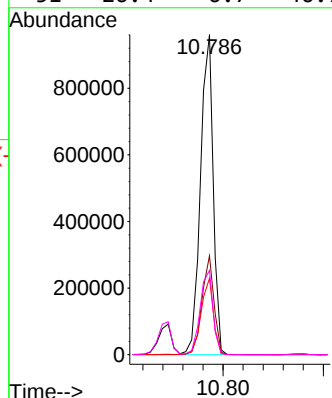
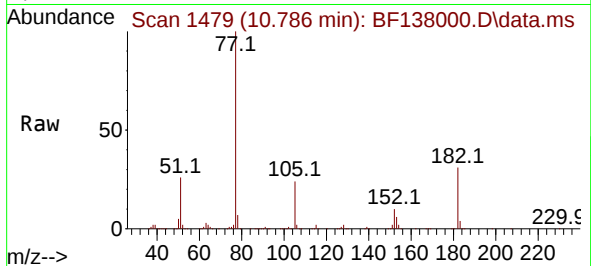




#63
Azobenzene
Concen: 46.123 ng
RT: 10.786 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

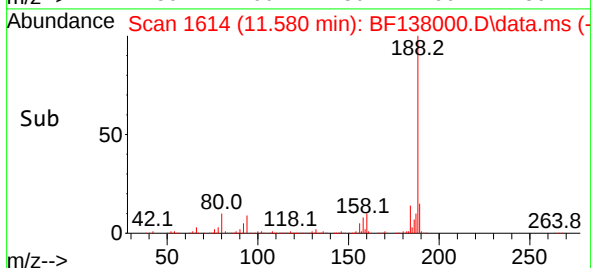
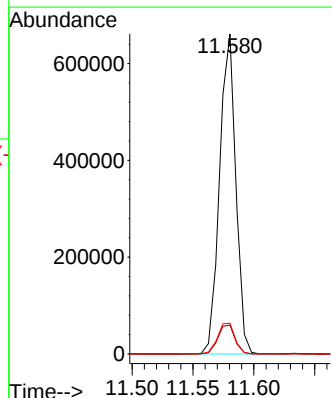
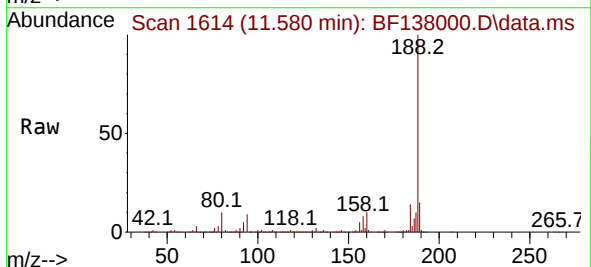
Instrument :
BNA_F
ClientSampleId :
PB161028BSD

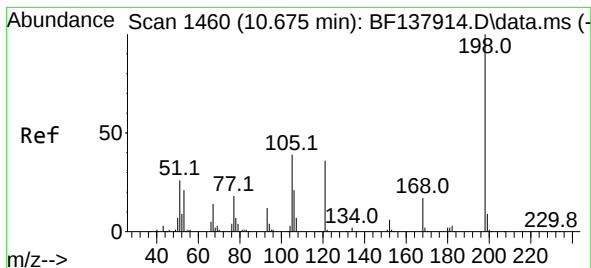
Tgt Ion:	77	Resp:	847695
Ion	Ratio	Lower	Upper
77	100		
182	30.9	9.2	49.2
105	23.8	3.1	43.1
51	26.4	6.7	46.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:	188	Resp:	614789
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.4
80	9.6	7.7	11.5

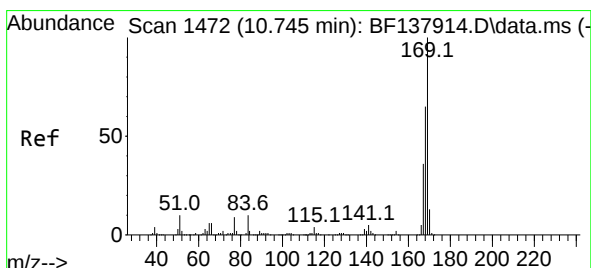
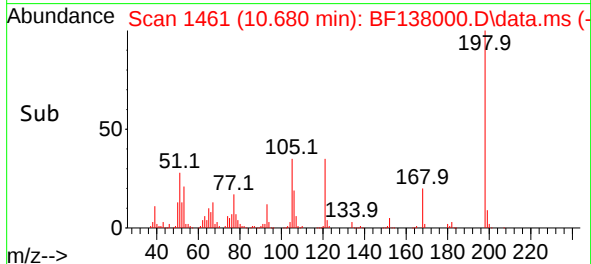
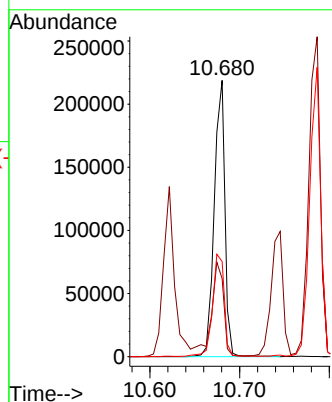
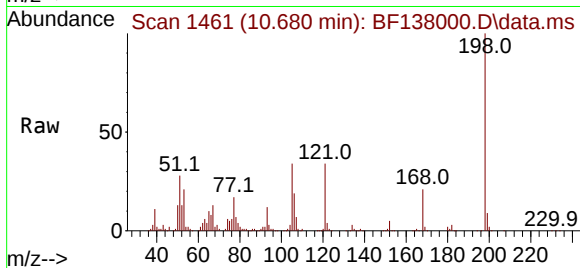




#65
4,6-Dinitro-2-methylphenol
Concen: 50.866 ng
RT: 10.680 min Scan# 1460
Delta R.T. 0.005 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

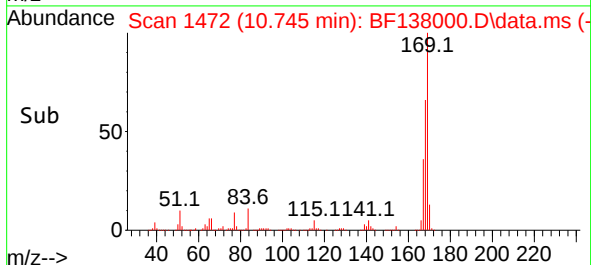
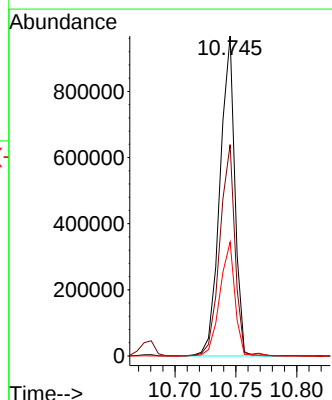
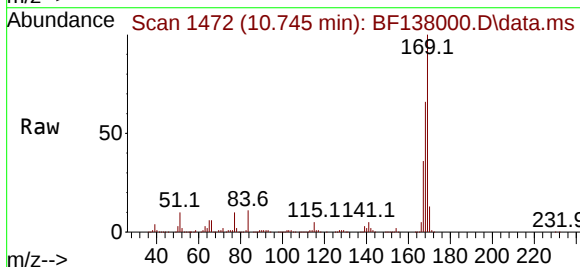
Instrument :
BNA_F
ClientSampleId :
PB161028BSD

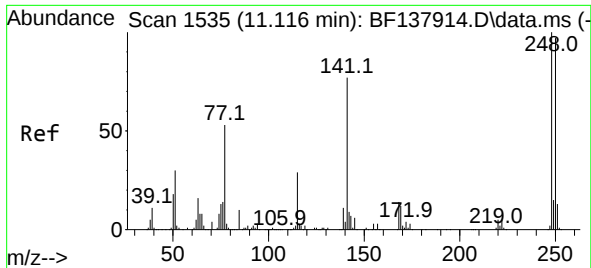
Tgt Ion:198 Resp: 180564
Ion Ratio Lower Upper
198 100
51 28.3 13.8 53.8
105 34.5 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 43.763 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:169 Resp: 825099
Ion Ratio Lower Upper
169 100
168 66.0 52.4 78.6
167 35.6 28.9 43.3

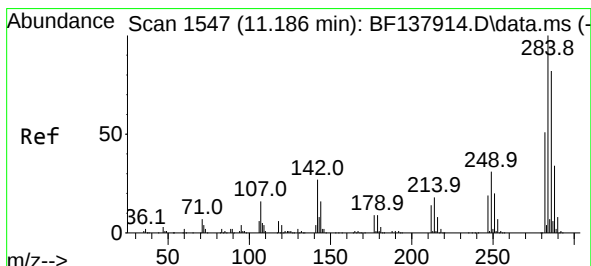
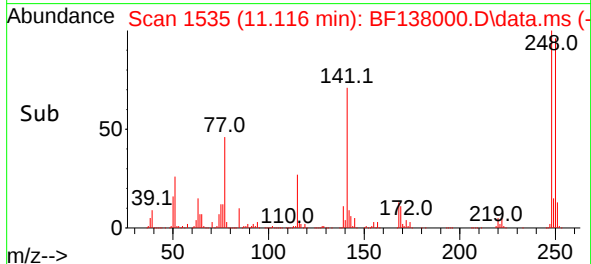
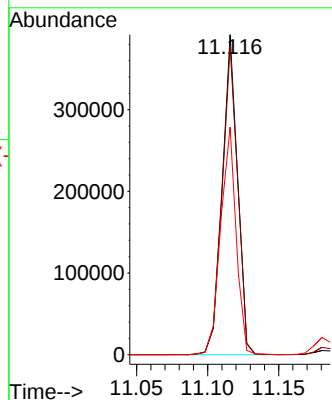
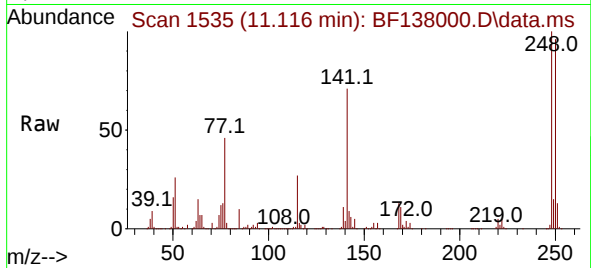




#67
4-Bromophenyl-phenylether
Concen: 43.876 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

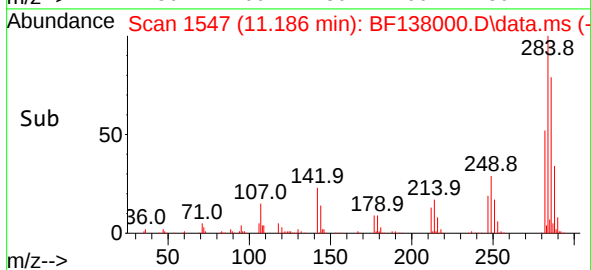
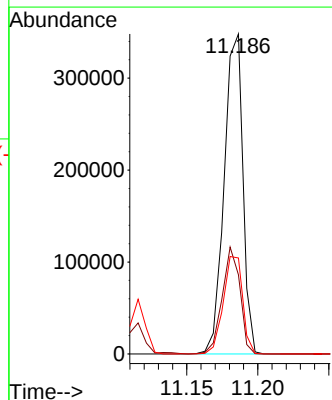
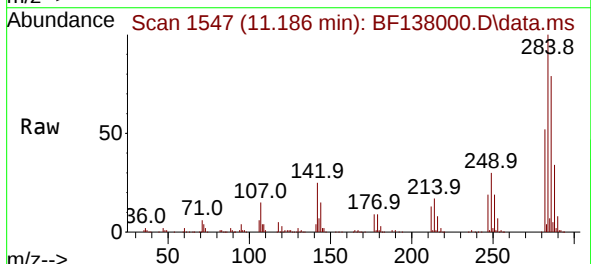
Instrument :
BNA_F
ClientSampleId :
PB161028BSD

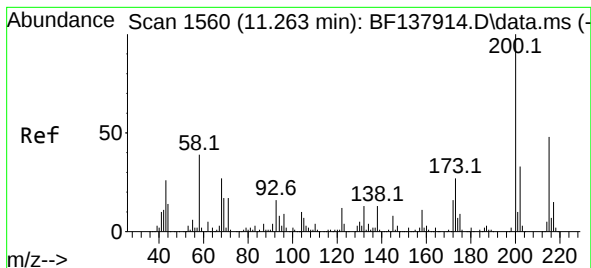
Tgt Ion:248 Resp: 295716
Ion Ratio Lower Upper
248 100
250 96.4 77.6 116.4
141 71.1 61.4 92.2



#68
Hexachlorobenzene
Concen: 42.825 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:284 Resp: 319049
Ion Ratio Lower Upper
284 100
142 24.7 21.3 31.9
249 30.0 24.6 37.0





#69

Atrazine

Concen: 55.563 ng

RT: 11.269 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD

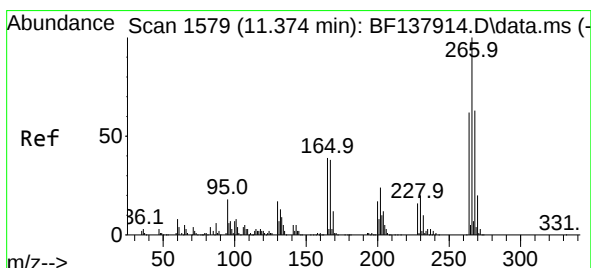
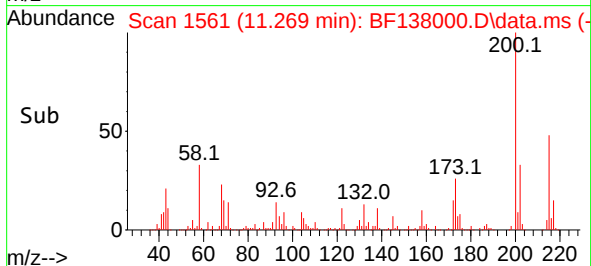
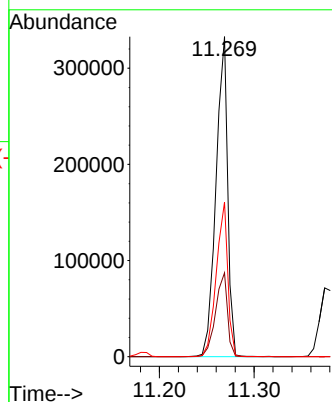
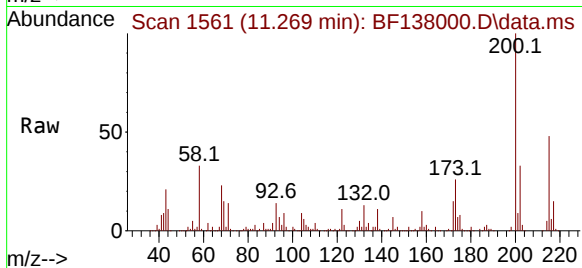
Tgt Ion:200 Resp: 286054

Ion Ratio Lower Upper

200 100

173 26.2 6.6 46.6

215 48.3 27.5 67.5



#70

Pentachlorophenol

Concen: 91.187 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

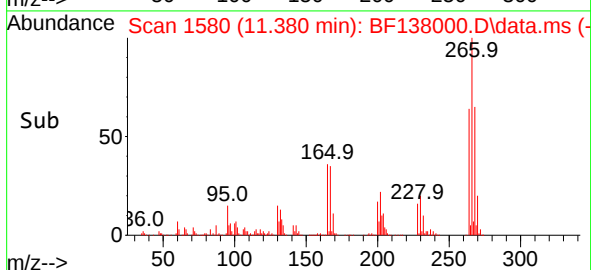
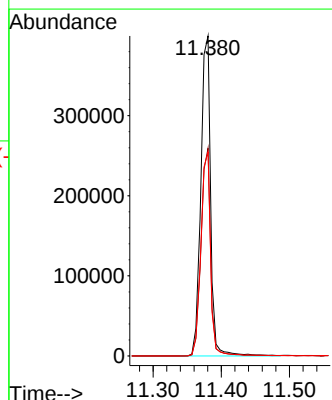
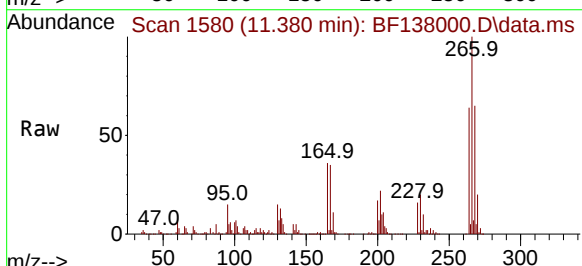
Tgt Ion:266 Resp: 397945

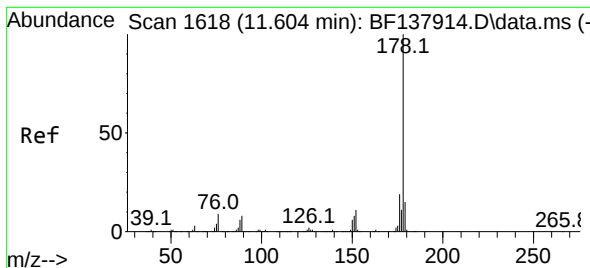
Ion Ratio Lower Upper

266 100

268 64.9 50.1 75.1

264 63.8 49.4 74.2





#71

Phenanthrene

Concen: 43.979 ng

RT: 11.604 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD

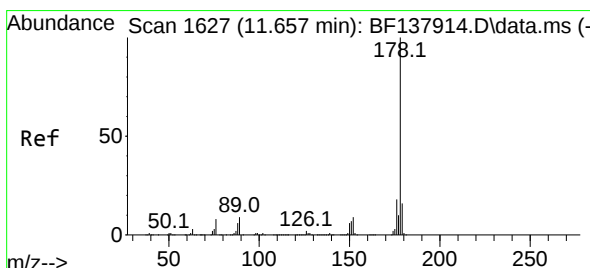
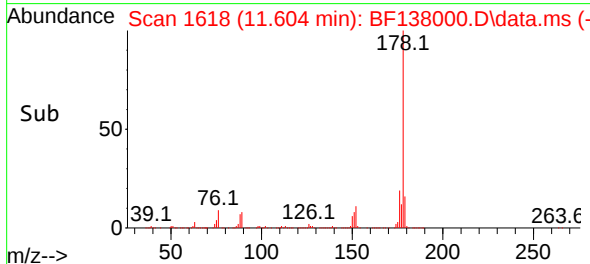
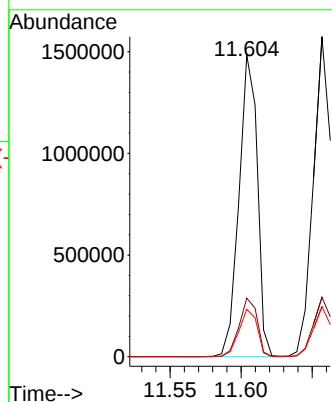
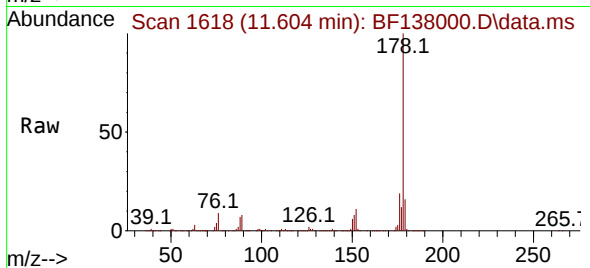
Tgt Ion:178 Resp: 1332413

Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

179 15.7 12.2 18.4



#72

Anthracene

Concen: 45.320 ng

RT: 11.657 min Scan# 1627

Delta R.T. 0.000 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

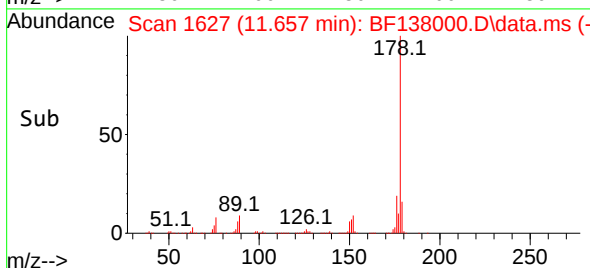
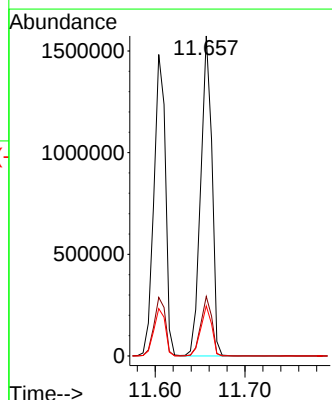
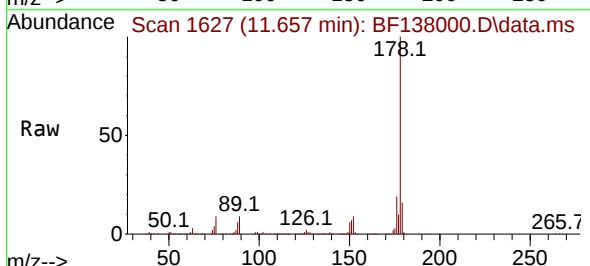
Tgt Ion:178 Resp: 1362294

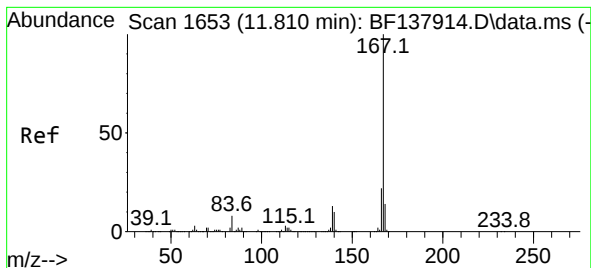
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.7 12.4 18.6





#73

Carbazole

Concen: 44.261 ng

RT: 11.810 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD

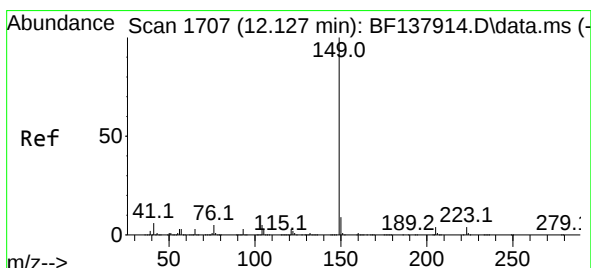
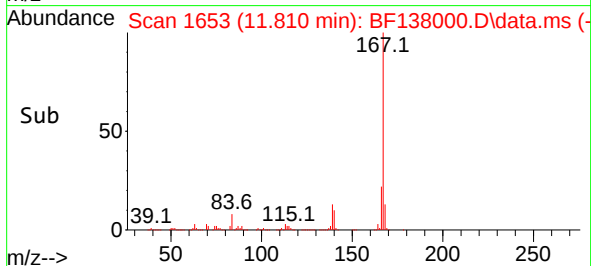
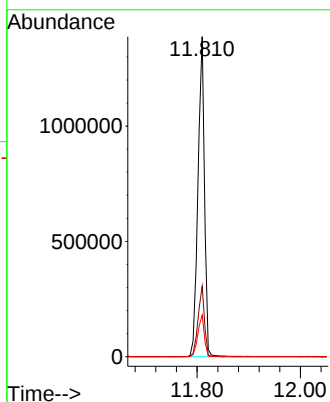
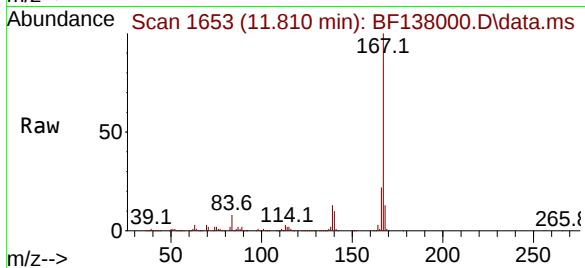
Tgt Ion:167 Resp: 1215360

Ion Ratio Lower Upper

167 100

166 22.0 17.3 25.9

139 13.0 10.3 15.5



#74

Di-n-butylphthalate

Concen: 48.035 ng

RT: 12.127 min Scan# 1707

Delta R.T. 0.000 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

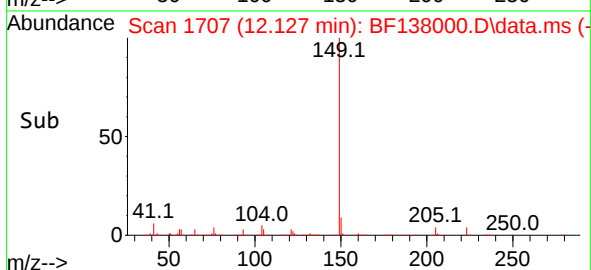
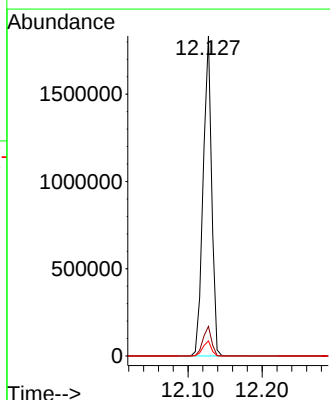
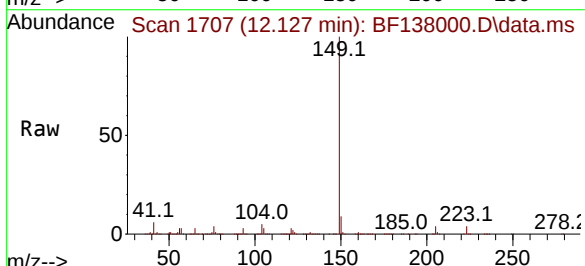
Tgt Ion:149 Resp: 1463809

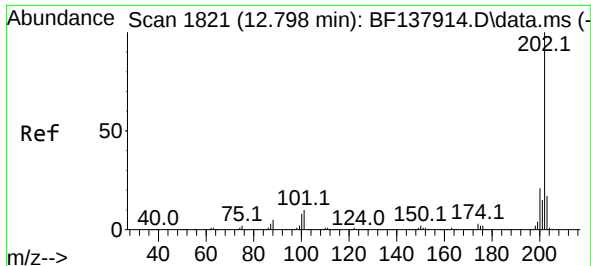
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.7 3.6 5.4

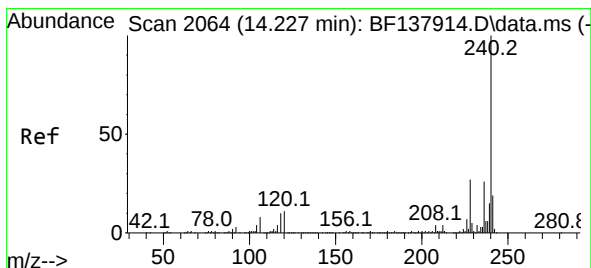
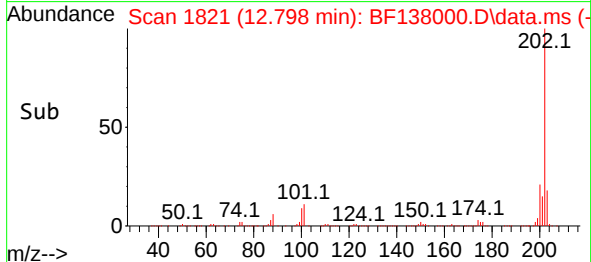
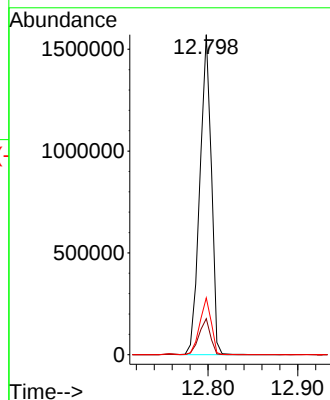
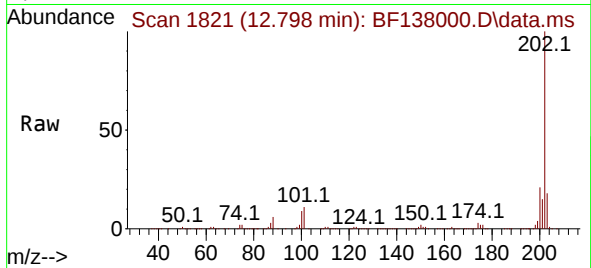




#75
Fluoranthene
Concen: 45.250 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

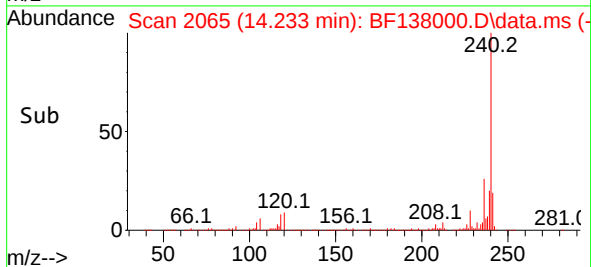
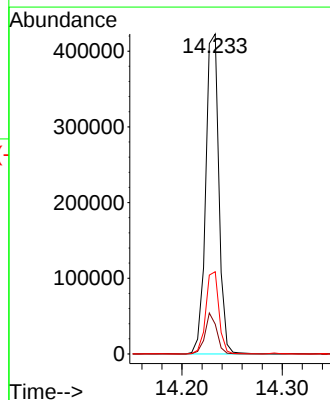
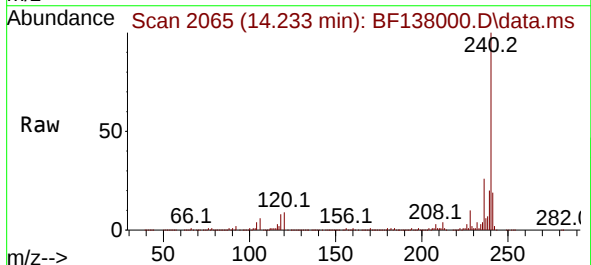
Instrument :
BNA_F
ClientSampleId :
PB161028BSD

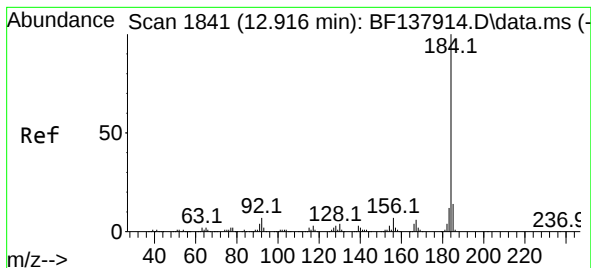
Tgt Ion:202 Resp: 1391501
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.5
203 17.7 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:240 Resp: 386835
Ion Ratio Lower Upper
240 100
120 9.3 8.9 13.3
236 25.7 21.0 31.4





#77

Benzidine

Concen: 21.744 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD

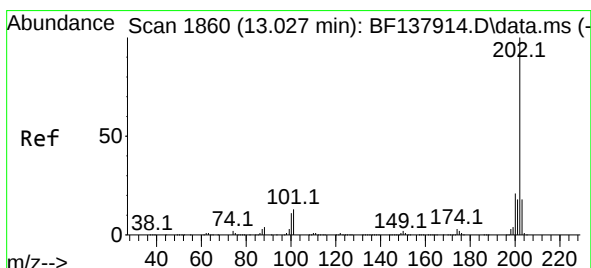
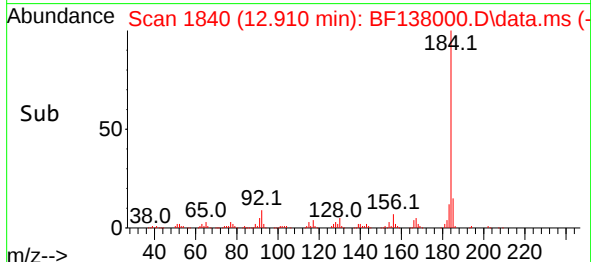
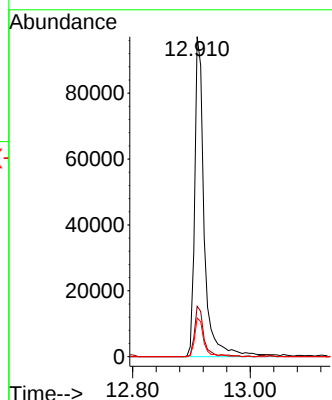
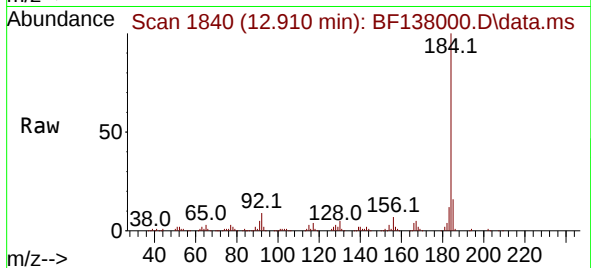
Tgt Ion:184 Resp: 109929

Ion Ratio Lower Upper

184 100

185 15.7 11.4 17.2

183 12.1 9.5 14.3



#78

Pyrene

Concen: 41.875 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.000 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

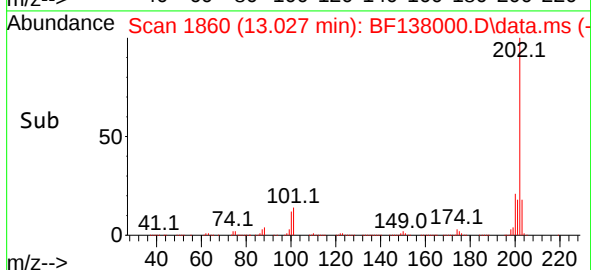
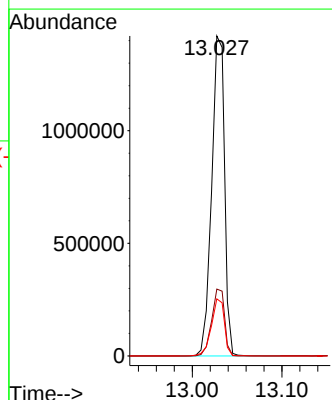
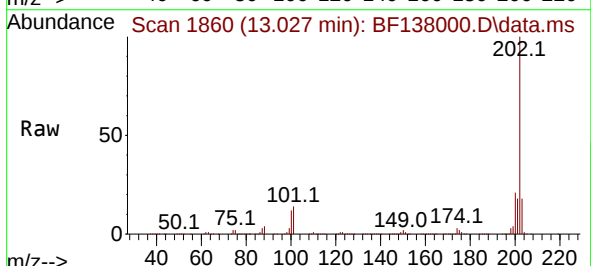
Tgt Ion:202 Resp: 1416799

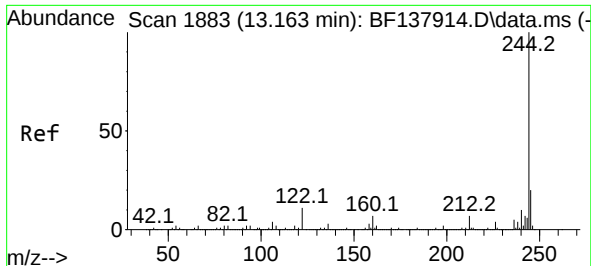
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

203 17.8 14.1 21.1

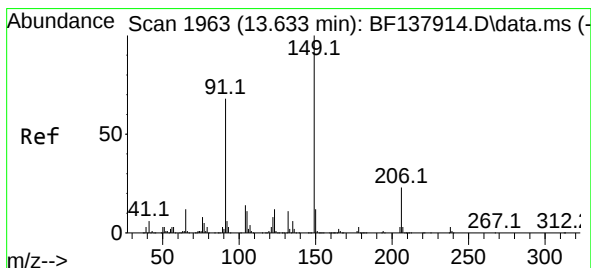
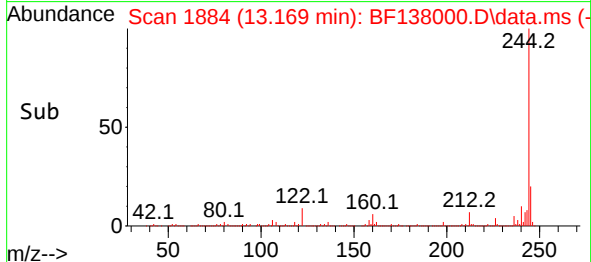
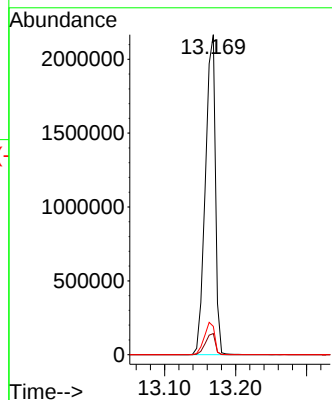
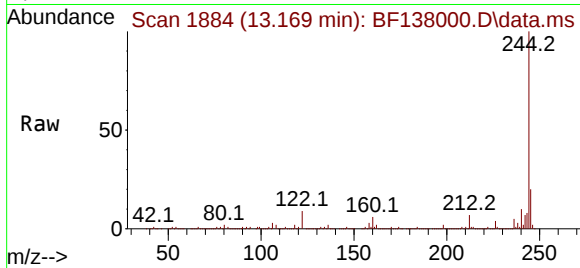




#79
 Terphenyl-d14
 Concen: 80.952 ng
 RT: 13.169 min Scan# 1883
 Delta R.T. 0.006 min
 Lab File: BF138000.D
 Acq: 22 May 2024 12:14

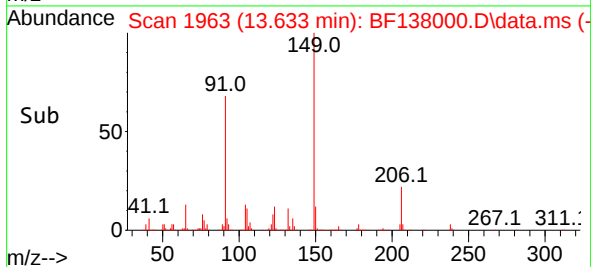
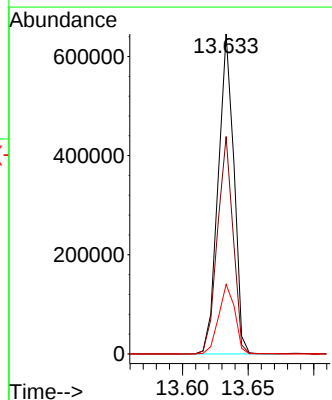
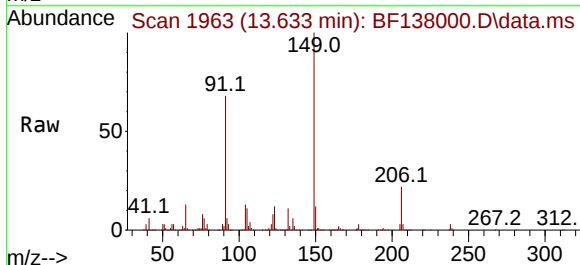
Instrument :
 BNA_F
 ClientSampleId :
 PB161028BSD

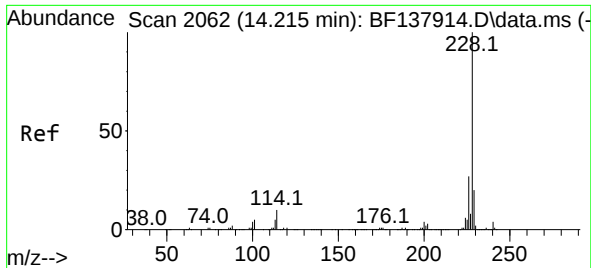
Tgt Ion:244 Resp: 2124790
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 8.8 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 52.597 ng
 RT: 13.633 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: BF138000.D
 Acq: 22 May 2024 12:14

Tgt Ion:149 Resp: 536772
 Ion Ratio Lower Upper
 149 100
 91 67.9 54.2 81.4
 206 21.7 18.1 27.1

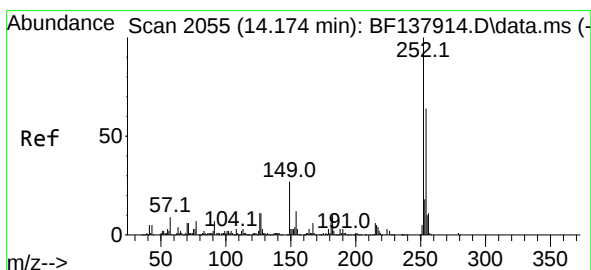
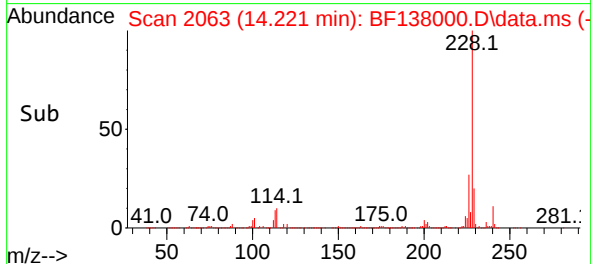
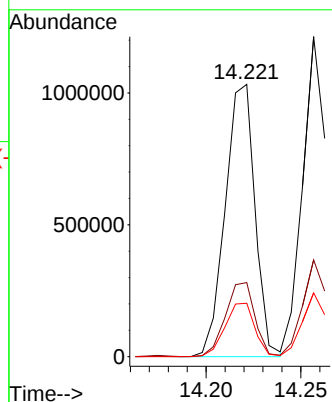
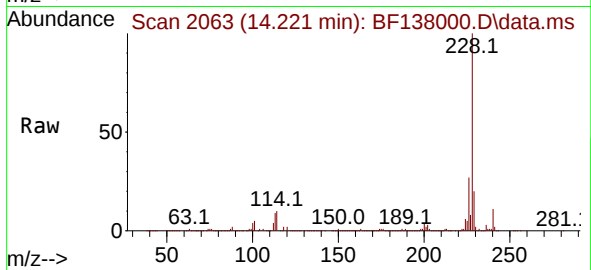




#81
Benzo(a)anthracene
Concen: 46.052 ng
RT: 14.221 min Scan# 2062
Delta R.T. 0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

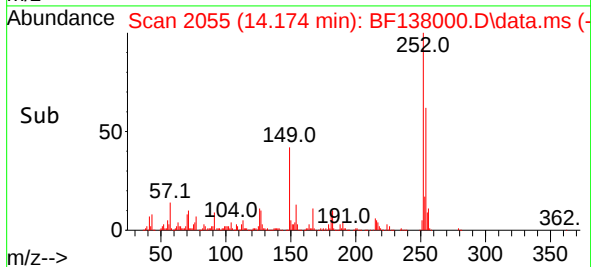
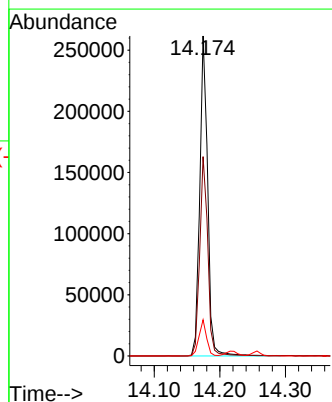
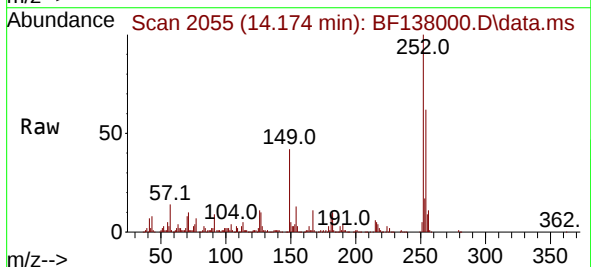
Instrument :
BNA_F
ClientSampleId :
PB161028BSD

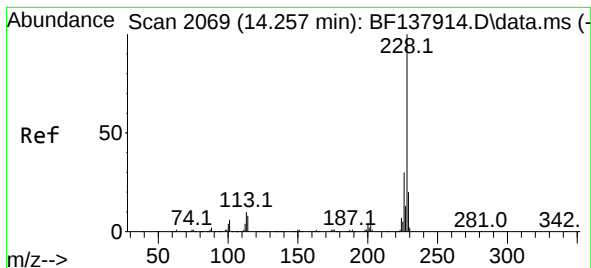
Tgt Ion:228 Resp: 1127069
Ion Ratio Lower Upper
228 100
226 27.2 21.3 31.9
229 19.7 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 32.393 ng
RT: 14.174 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:252 Resp: 219701
Ion Ratio Lower Upper
252 100
254 62.3 51.2 76.8
126 11.3 8.7 13.1





#83

Chrysene

Concen: 44.747 ng

RT: 14.257 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD

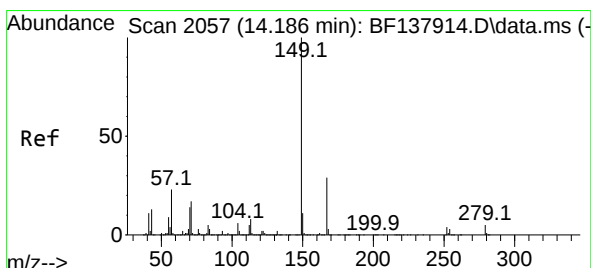
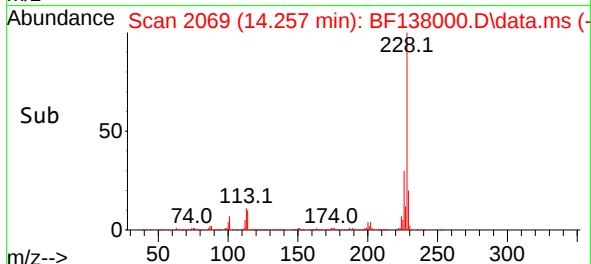
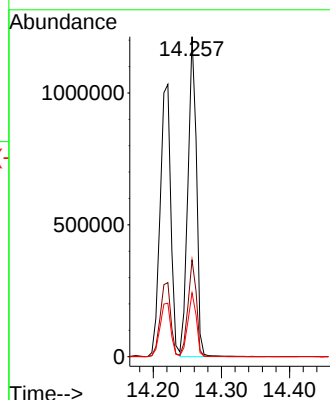
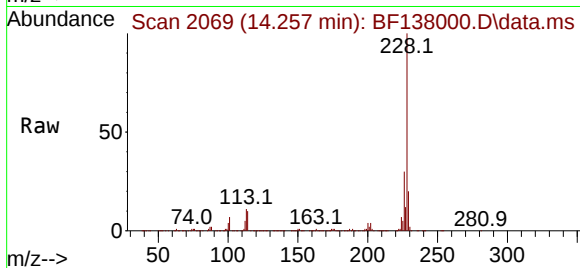
Tgt Ion:228 Resp: 1047337

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.8

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.979 ng

RT: 14.186 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

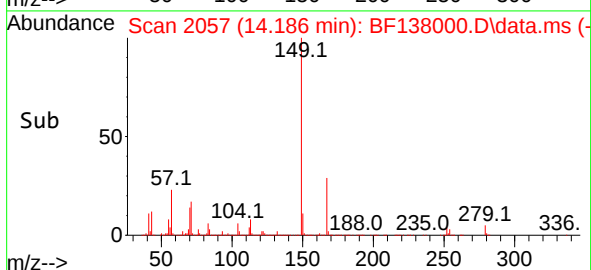
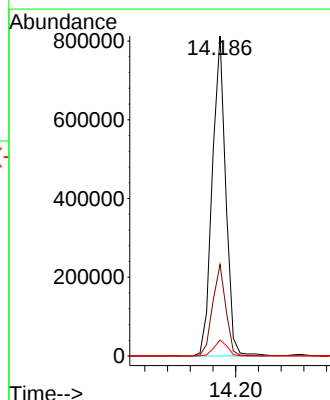
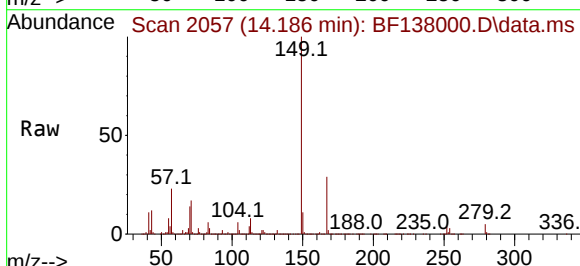
Tgt Ion:149 Resp: 666822

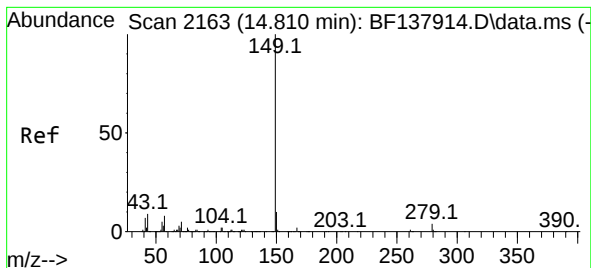
Ion Ratio Lower Upper

149 100

167 28.6 23.2 34.8

279 5.0 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 52.299 ng

RT: 14.816 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD

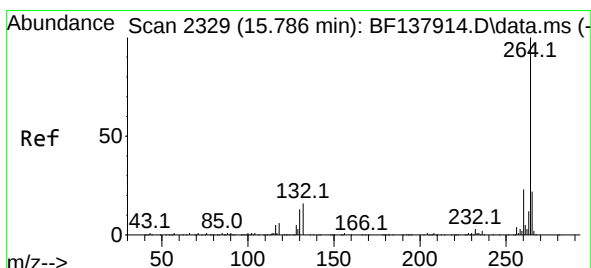
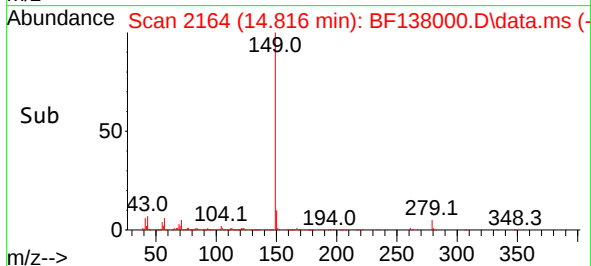
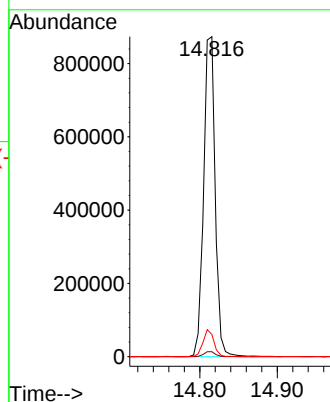
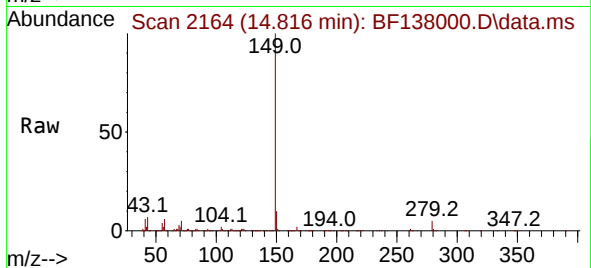
Tgt Ion:149 Resp: 906389

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 7.9 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.786 min Scan# 2329

Delta R.T. 0.000 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

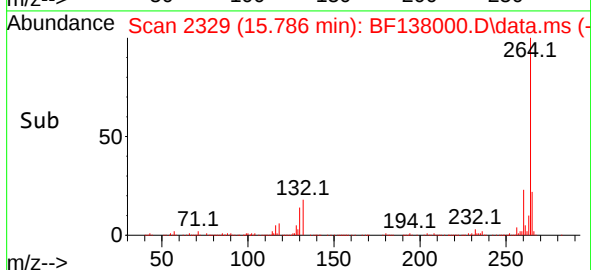
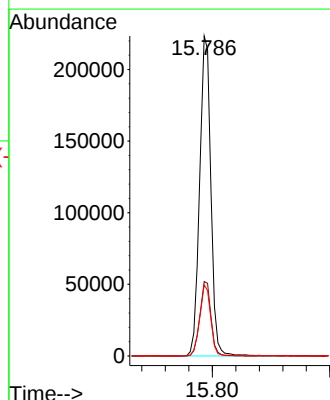
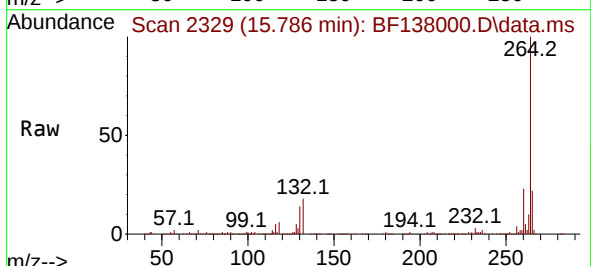
Tgt Ion:264 Resp: 295625

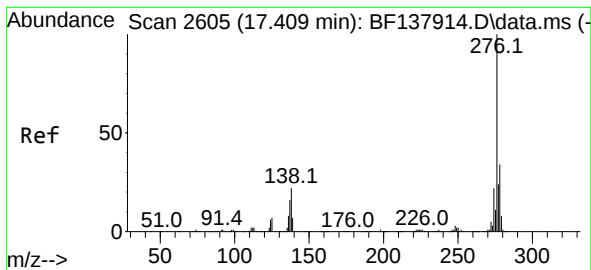
Ion Ratio Lower Upper

264 100

260 23.3 18.3 27.5

265 22.2 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.874 ng

RT: 17.421 min Scan# 2

Delta R.T. 0.012 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD

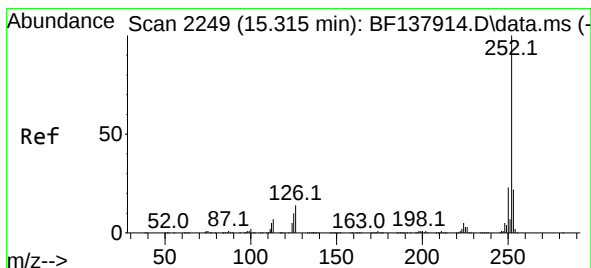
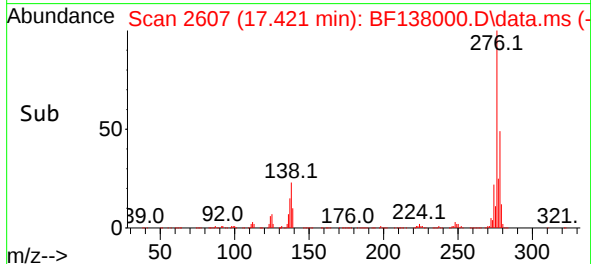
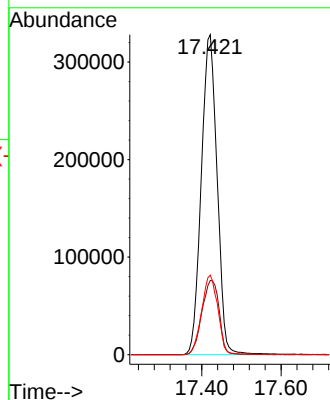
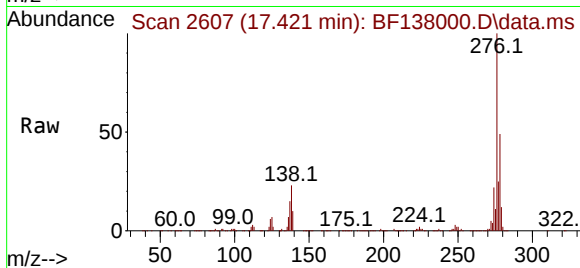
Tgt Ion:276 Resp: 909282

Ion Ratio Lower Upper

276 100

138 25.2 20.6 30.8

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.260 ng

RT: 15.321 min Scan# 2250

Delta R.T. 0.006 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

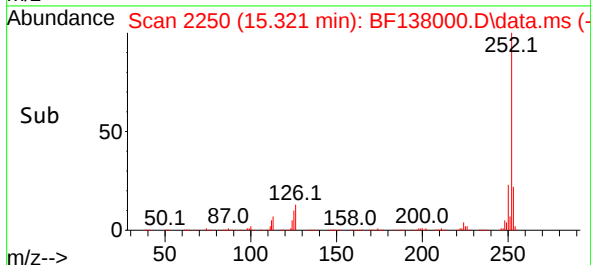
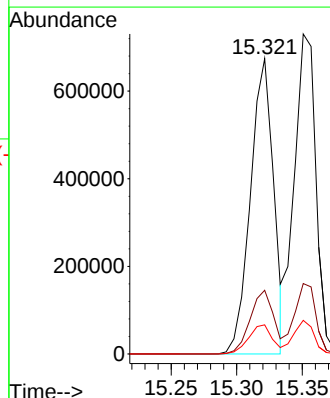
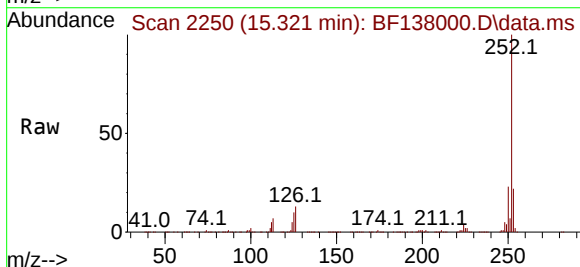
Tgt Ion:252 Resp: 826061

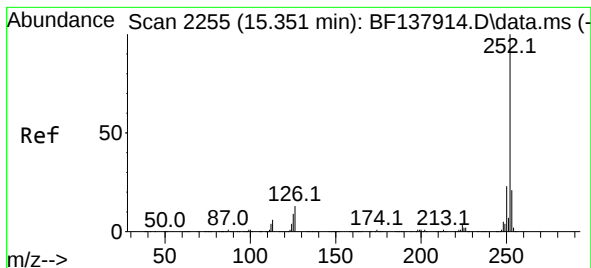
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 9.9 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 50.252 ng

RT: 15.351 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD

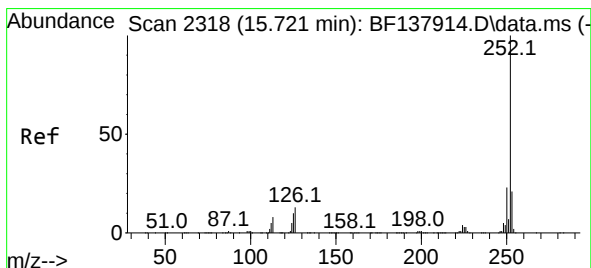
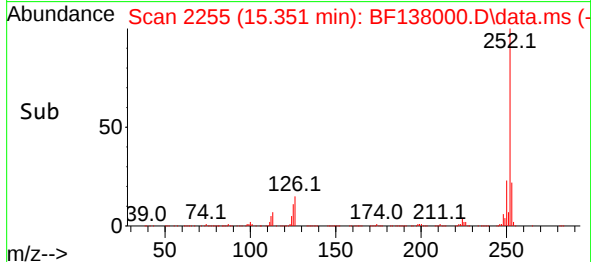
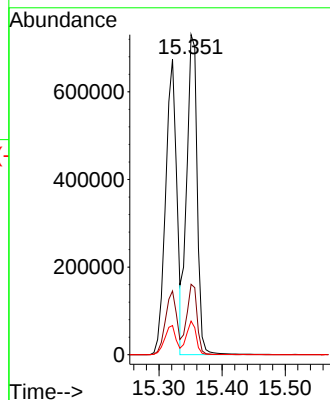
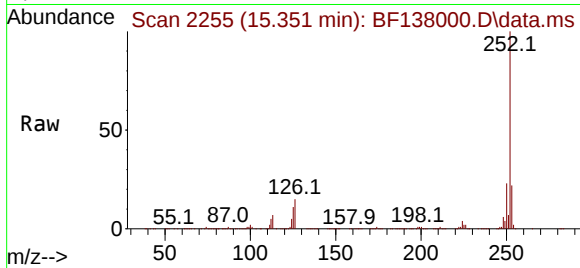
Tgt Ion:252 Resp: 845028

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 10.5 7.7 11.5



#90

Benzo(a)pyrene

Concen: 50.631 ng

RT: 15.721 min Scan# 2318

Delta R.T. 0.000 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

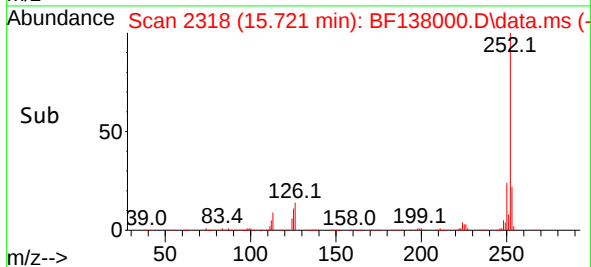
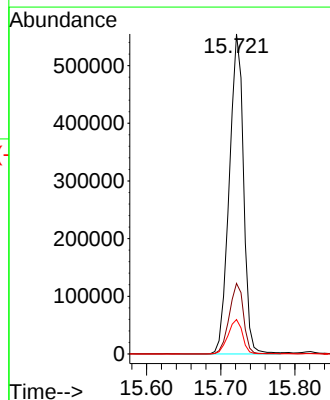
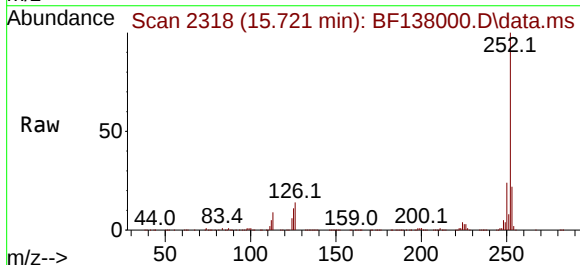
Tgt Ion:252 Resp: 740029

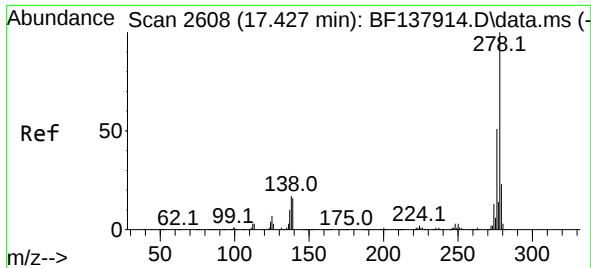
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 10.8 7.8 11.8

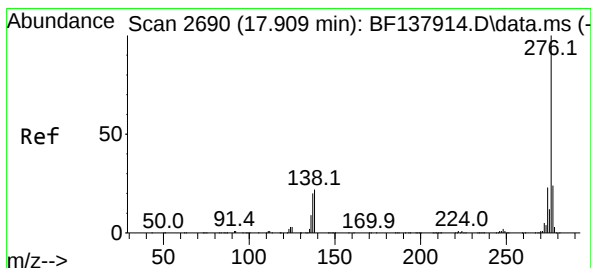
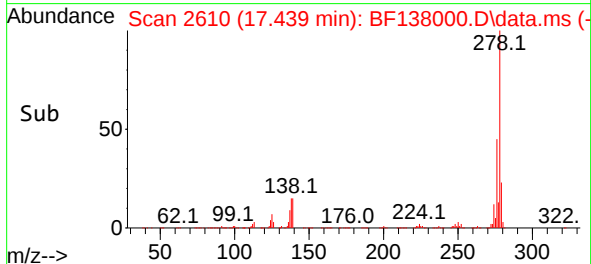
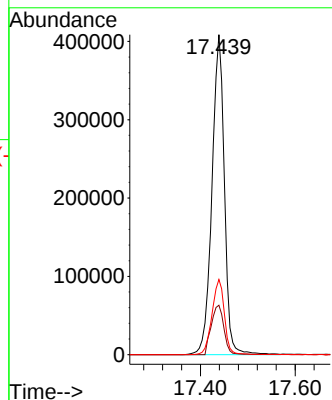
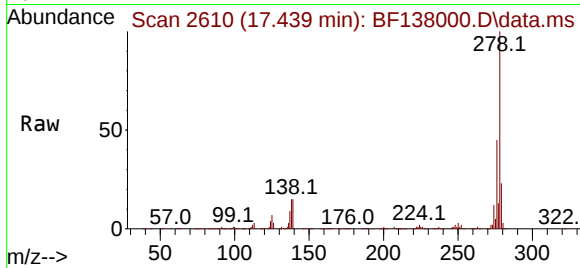




#91
Dibenzo(a,h)anthracene
Concen: 47.472 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.012 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Instrument :
BNA_F
ClientSampleId :
PB161028BSD

Tgt Ion:278 Resp: 744941
Ion Ratio Lower Upper
278 100
139 15.5 13.1 19.7
279 23.5 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 43.390 ng
RT: 17.915 min Scan# 2691
Delta R.T. 0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:276 Resp: 715270
Ion Ratio Lower Upper
276 100
277 23.0 18.9 28.3
138 21.4 17.6 26.4

