

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
 Data File : BF138130.D
 Acq On : 06 Jun 2024 12:32
 Operator : CG\JU
 Sample : PB161335BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161335BS

Quant Time: Jun 06 13:01:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 05:19:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	602225	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	2430043	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	1336694	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	2339390	20.000	ng	0.00
76) Chrysene-d12	14.074	240	1194195	20.000	ng	0.00
86) Perylene-d12	15.551	264	934000	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	4555182	128.907	ng	0.03
7) Phenol-d6	6.545	99	5902793	132.026	ng	0.01
23) Nitrobenzene-d5	7.481	82	3700580	103.611	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	1790325	139.174	ng	0.01
45) 2-Fluorobiphenyl	9.275	172	6395607	83.661	ng	0.00
79) Terphenyl-d14	13.027	244	6628269	83.019	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.887	88	554319	34.226	ng 97
3) Pyridine	3.616	79	1234868	31.117	ng 99
4) n-Nitrosodimethylamine	3.587	42	903534	46.378	ng 96
6) Aniline	6.575	93	948673	20.927	ng 99
8) 2-Chlorophenol	6.698	128	1973804	51.631	ng 96
9) Benzaldehyde	6.457	77	11995	Below Cal	95
10) Phenol	6.563	94	2301788	50.111	ng 98
11) bis(2-Chloroethyl)ether	6.651	93	1774412	48.187	ng 99
12) 1,3-Dichlorobenzene	6.851	146	1911376	43.636	ng 99
13) 1,4-Dichlorobenzene	6.928	146	1938361	43.940	ng 99
14) 1,2-Dichlorobenzene	7.081	146	1912044	46.174	ng 98
15) Benzyl Alcohol	7.057	79	1657479	52.394	ng 98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	2612868	48.334	ng 98
17) 2-Methylphenol	7.163	107	1593803	51.508	ng 98
18) Hexachloroethane	7.422	117	699477	46.456	ng 98
19) n-Nitroso-di-n-propyla...	7.333	70	1356578	47.586	ng 97
20) 3+4-Methylphenols	7.322	107	1807373	46.941	ng 91
22) Acetophenone	7.328	105	2491950	44.544	ng 97
24) Nitrobenzene	7.498	77	1938621	49.826	ng 97
25) Isophorone	7.733	82	3770519	47.919	ng 99
26) 2-Nitrophenol	7.810	139	952973	55.619	ng 94
27) 2,4-Dimethylphenol	7.845	122	1598469	58.485	ng 98
28) bis(2-Chloroethoxy)met...	7.945	93	2272149	47.406	ng 99
29) 2,4-Dichlorophenol	8.051	162	1714775	52.056	ng 97
30) 1,2,4-Trichlorobenzene	8.133	180	1808453	45.499	ng 98
31) Naphthalene	8.216	128	5078890	43.211	ng 96
32) Benzoic acid	7.998	122	1251305	55.963	ng 98
33) 4-Chloroaniline	8.257	127	847551	19.186	ng 99
34) Hexachlorobutadiene	8.328	225	1020802	43.705	ng 100
35) Caprolactam	8.663	113	292535	26.595	ng 94
36) 4-Chloro-3-methylphenol	8.745	107	1722809	51.036	ng 99
37) 2-Methylnaphthalene	8.904	142	3502731	44.208	ng 99
38) 1-Methylnaphthalene	9.004	142	3358949	43.297	ng 99
40) 1,2,4,5-Tetrachloroben...	9.069	216	1783942	47.271	ng 99
41) Hexachlorocyclopentadiene	9.057	237	1556330	124.924	ng 99
43) 2,4,6-Trichlorophenol	9.180	196	1257628	54.887	ng 99

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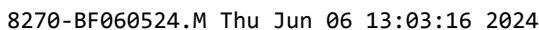
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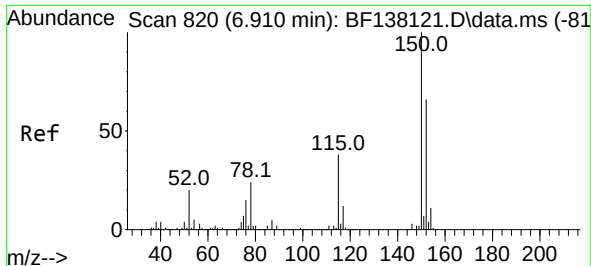
Quant Time: Jun 06 13:01:31 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	1275401	50.515	ng	99
46) 1,1'-Biphenyl	9.375	154	4157359	44.278	ng	96
47) 2-Chloronaphthalene	9.398	162	3422084	45.733	ng	98
48) 2-Nitroaniline	9.492	65	1010680	53.722	ng	97
49) Acenaphthylene	9.816	152	5025713	47.462	ng	95
50) Dimethylphthalate	9.680	163	3995906	47.576	ng	98
51) 2,6-Dinitrotoluene	9.739	165	945587	51.598	ng	89
52) Acenaphthene	9.986	154	3249822	45.423	ng	99
53) 3-Nitroaniline	9.904	138	689158	38.398	ng	99
54) 2,4-Dinitrophenol	10.016	184	828484	100.750	ng	# 89
55) Dibenzofuran	10.157	168	4619530	45.649	ng	96
56) 4-Nitrophenol	10.069	139	1510730	118.259	ng	98
57) 2,4-Dinitrotoluene	10.145	165	1174351	53.582	ng	88
58) Fluorene	10.504	166	3413696	42.470	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.274	232	1092486	54.858	ng	99
60) Diethylphthalate	10.380	149	3714124	45.299	ng	97
61) 4-Chlorophenyl-phenylether	10.492	204	1739825	42.606	ng	99
62) 4-Nitroaniline	10.533	138	891082	56.839	ng	95
63) Azobenzene	10.651	77	3525710	44.645	ng	96
65) 4,6-Dinitro-2-methylph...	10.551	198	520121	56.024	ng	85
66) n-Nitrosodiphenylamine	10.616	169	3277171	46.911	ng	98
67) 4-Bromophenyl-phenylether	10.980	248	1289862	48.424	ng	96
68) Hexachlorobenzene	11.045	284	1444174	46.636	ng	98
69) Atrazine	11.139	200	632417	28.137	ng	98
70) Pentachlorophenol	11.239	266	1615689	97.466	ng	98
71) Phenanthrene	11.463	178	4978365	44.205	ng	96
72) Anthracene	11.516	178	4947207	44.044	ng	96
73) Carbazole	11.669	167	4419397	43.023	ng	97
74) Di-n-butylphthalate	11.998	149	5079352	42.068	ng	97
75) Fluoranthene	12.651	202	4970029	40.901	ng	97
77) Benzidine	12.763	184	109825	8.937	ng	97
78) Pyrene	12.880	202	5101522	47.236	ng	96
80) Butylbenzylphthalate	13.498	149	1979521	55.506	ng	98
81) Benzo(a)anthracene	14.068	228	3407268	45.223	ng	98
82) 3,3'-Dichlorobenzidine	14.027	252	892377	46.730	ng	99
83) Chrysene	14.104	228	3382938	46.785	ng	97
84) Bis(2-ethylhexyl)phtha...	14.057	149	2538933	48.865	ng	99
85) Di-n-octyl phthalate	14.674	149	3800576	53.140	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	2794078	54.442	ng	99
88) Benzo(b)fluoranthene	15.121	252	2995219	51.012	ng	99
89) Benzo(k)fluoranthene	15.151	252	2936978	52.452	ng	97
90) Benzo(a)pyrene	15.492	252	2501886	56.262	ng	98
91) Dibenzo(a,h)anthracene	17.074	278	2266628	55.137	ng	98
92) Benzo(g,h,i)perylene	17.509	276	2278515	53.580	ng	98

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

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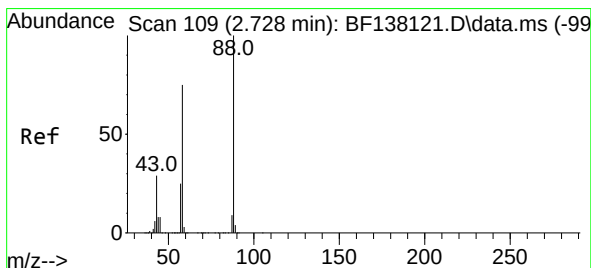
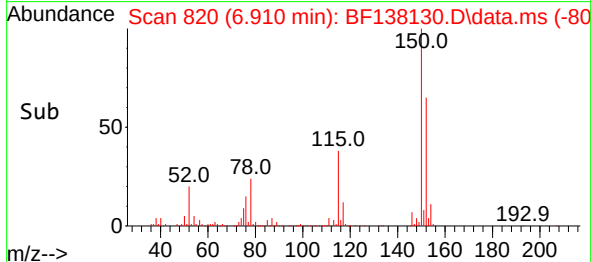
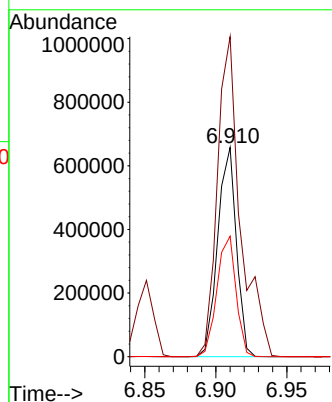
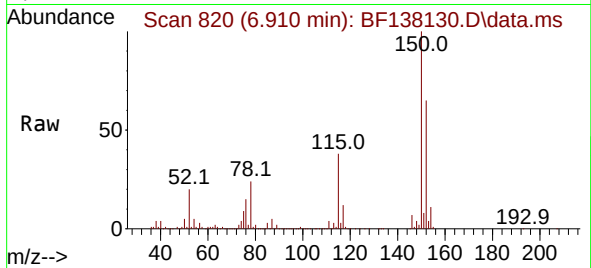




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF138130.D
 Acq: 06 Jun 2024 12:32

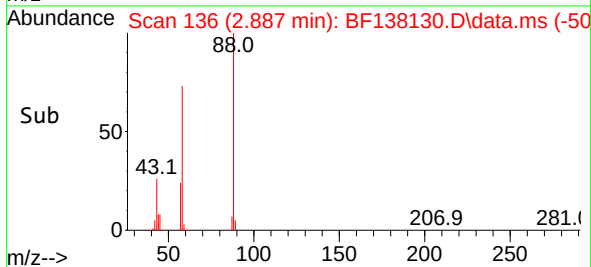
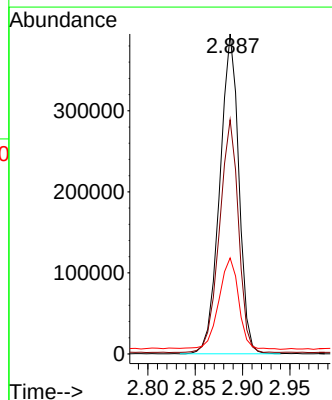
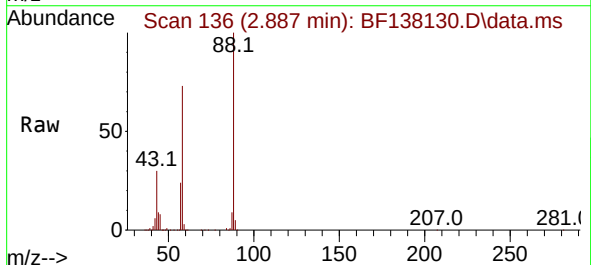
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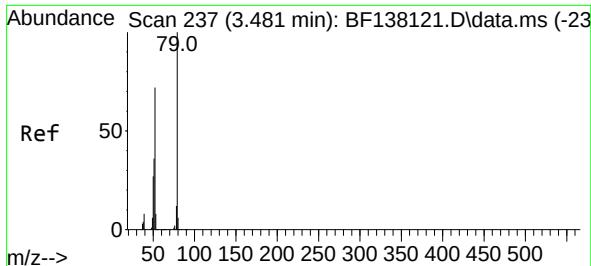
Tgt Ion:152 Resp: 602225
 Ion Ratio Lower Upper
 152 100
 150 152.9 121.8 182.6
 115 57.6 46.2 69.2



#2
 1,4-Dioxane
 Concen: 34.226 ng
 RT: 2.887 min Scan# 136
 Delta R.T. 0.159 min
 Lab File: BF138130.D
 Acq: 06 Jun 2024 12:32

Tgt Ion: 88 Resp: 554319
 Ion Ratio Lower Upper
 88 100
 58 72.3 60.6 90.8
 43 29.9 23.6 35.4

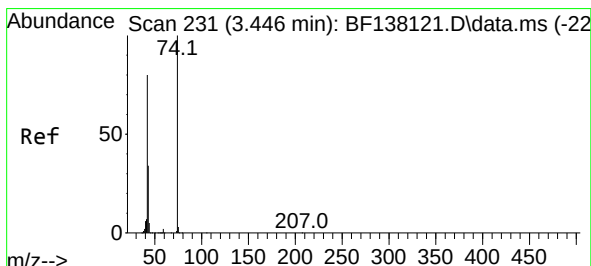
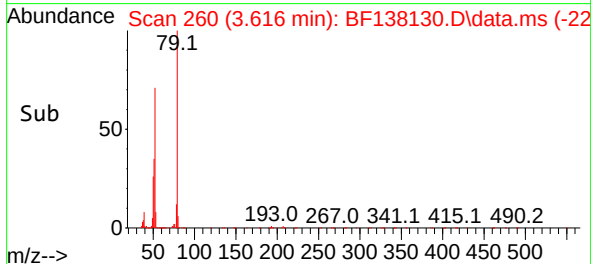
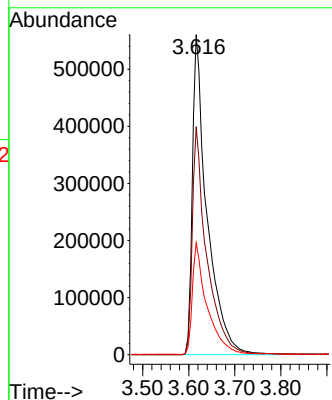
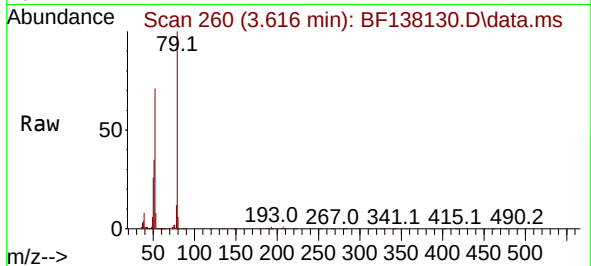




#3
Pyridine
Concen: 31.117 ng
RT: 3.616 min Scan# 20
Delta R.T. 0.135 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

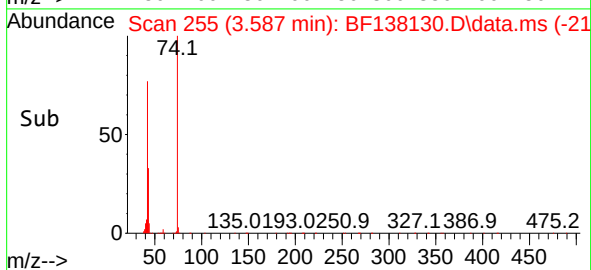
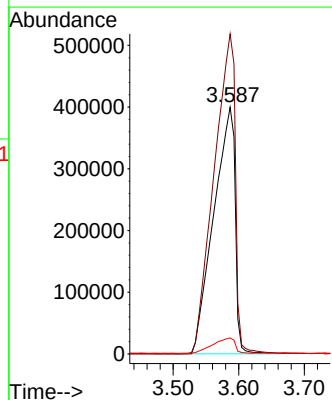
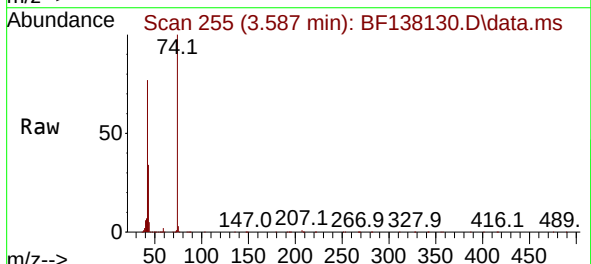
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BNA_F
ClientSampleId :
PB161335BS

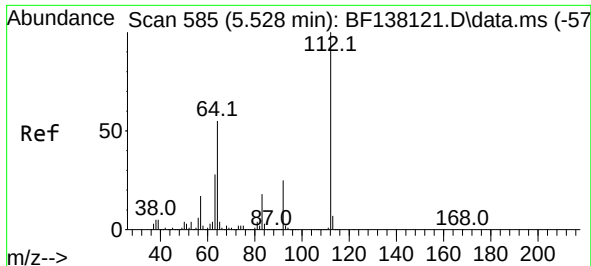
Tgt Ion: 79 Resp: 1234868
Ion Ratio Lower Upper
79 100
52 71.3 57.4 86.2
51 34.9 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 46.378 ng
RT: 3.587 min Scan# 255
Delta R.T. 0.141 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion: 42 Resp: 903534
Ion Ratio Lower Upper
42 100
74 129.7 100.0 150.0
44 6.5 5.7 8.5

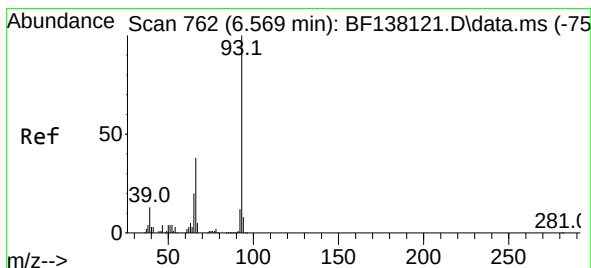
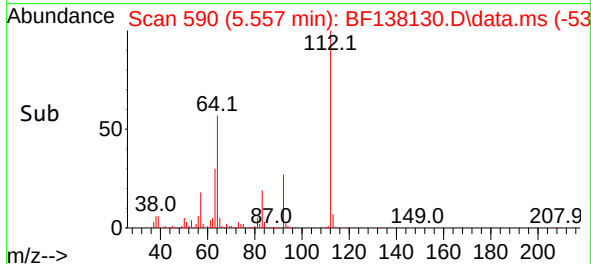
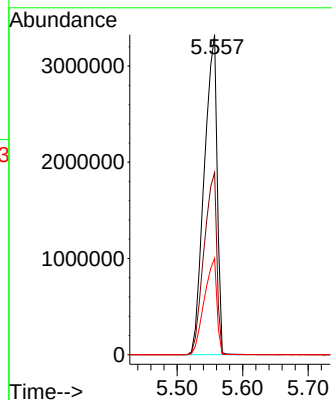
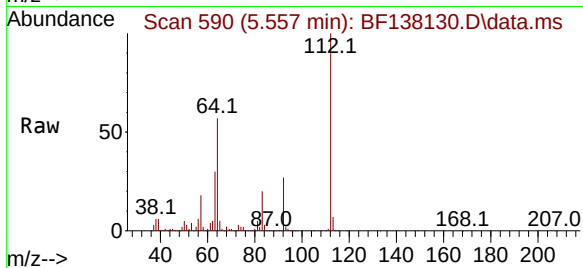




#5
2-Fluorophenol
Concen: 128.907 ng
RT: 5.557 min Scan# 590
Delta R.T. 0.029 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

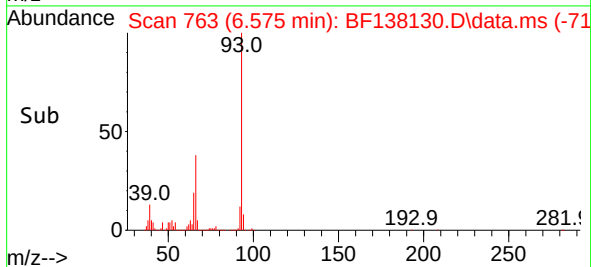
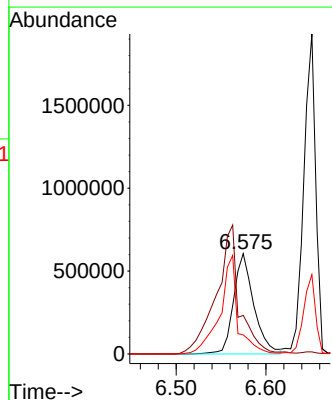
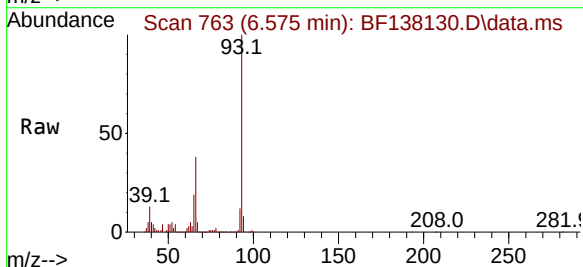
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ClientSampleId :
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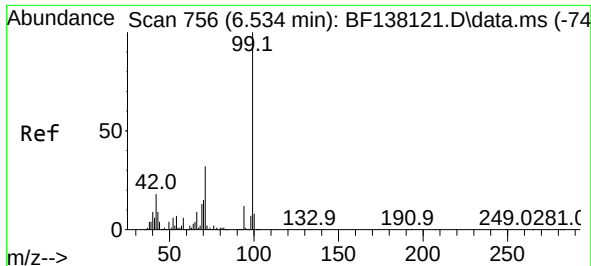
Tgt Ion:112 Resp: 4555182
Ion Ratio Lower Upper
112 100
64 56.9 44.0 66.0
63 30.2 22.1 33.1



#6
Aniline
Concen: 20.927 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.006 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion: 93 Resp: 948673
Ion Ratio Lower Upper
93 100
66 38.4 30.9 46.3
65 19.0 16.0 24.0

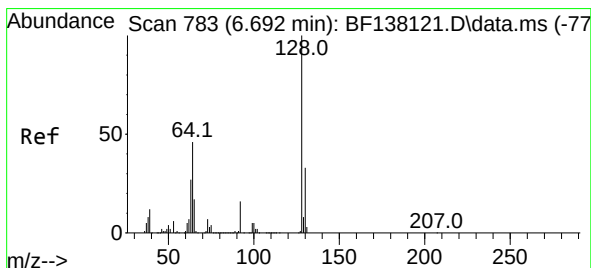
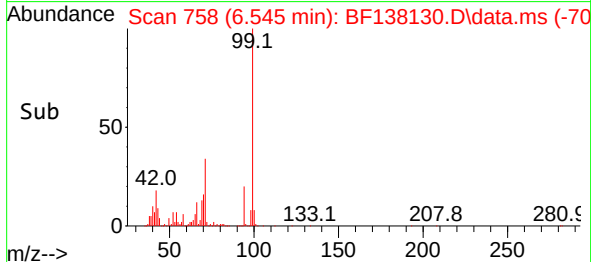
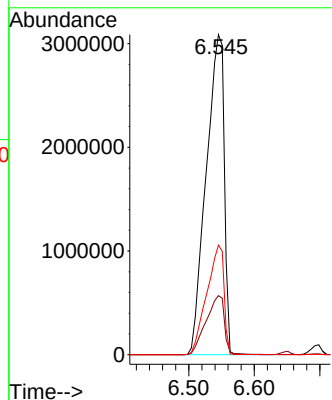
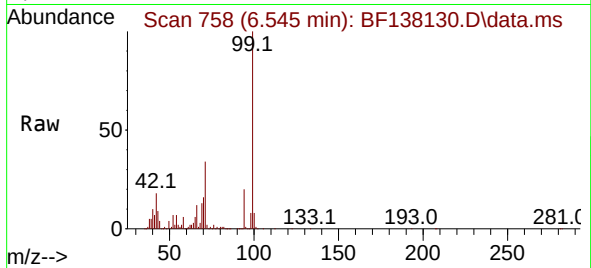




#7
Phenol-d6
Concen: 132.026 ng
RT: 6.545 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

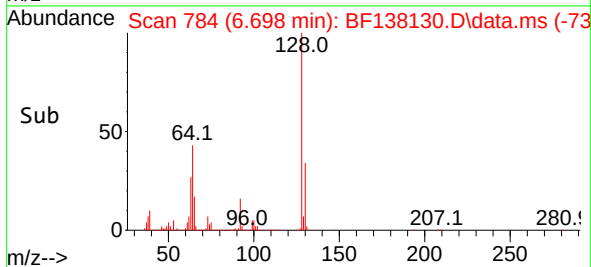
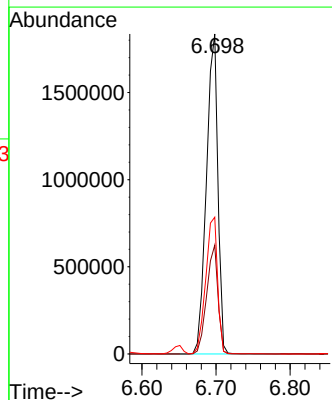
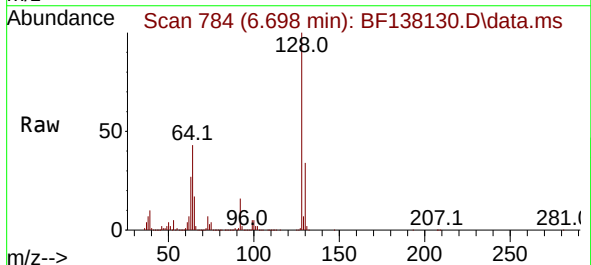
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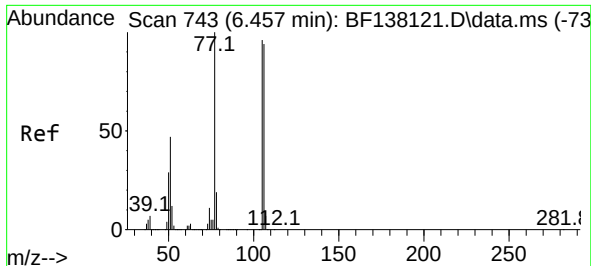
Tgt Ion: 99 Resp: 5902793
Ion Ratio Lower Upper
99 100
42 18.5 14.4 21.6
71 34.2 25.5 38.3



#8
2-Chlorophenol
Concen: 51.631 ng
RT: 6.698 min Scan# 784
Delta R.T. 0.006 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion:128 Resp: 1973804
Ion Ratio Lower Upper
128 100
130 34.0 12.9 52.9
64 42.8 26.6 66.6

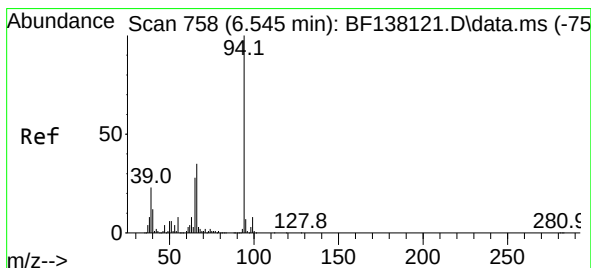
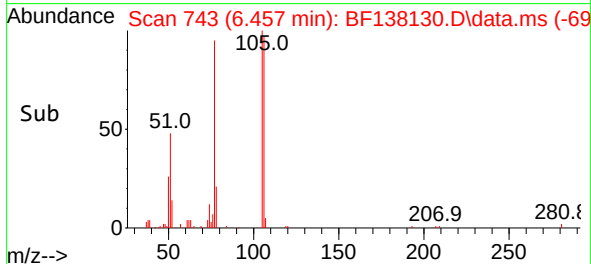
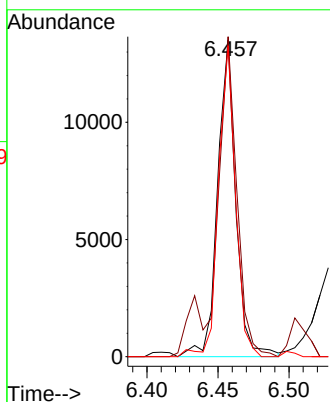
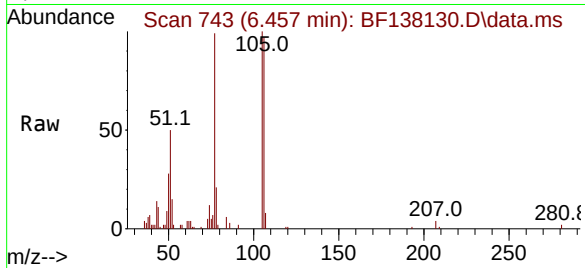




#9
Benzaldehyde
Concen: Below Cal
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

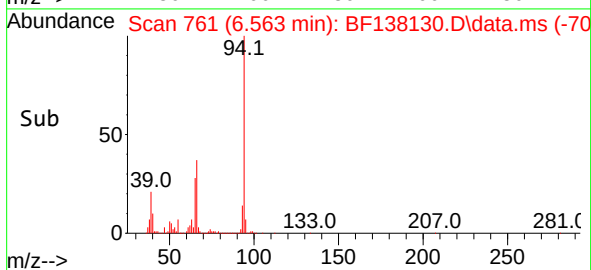
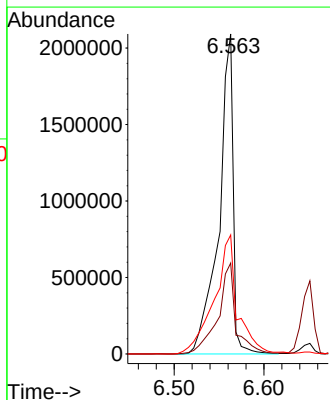
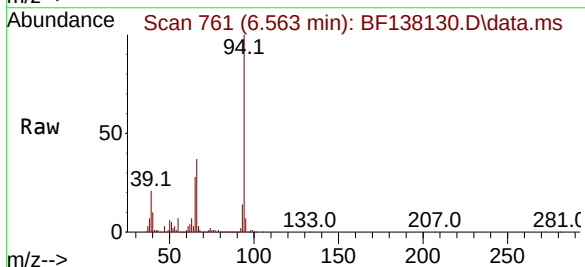
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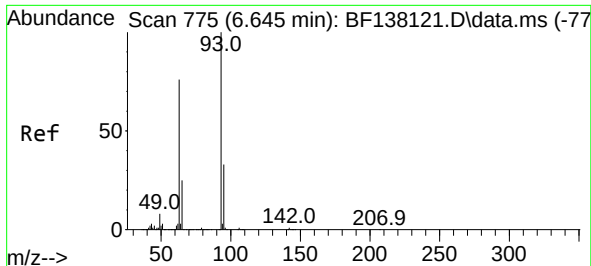
Tgt Ion: 77 Resp: 11995
Ion Ratio Lower Upper
77 100
105 101.0 75.8 115.8
106 98.2 73.9 113.9



#10
Phenol
Concen: 50.111 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.018 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion: 94 Resp: 2301788
Ion Ratio Lower Upper
94 100
65 28.4 7.9 47.9
66 37.2 15.5 55.5



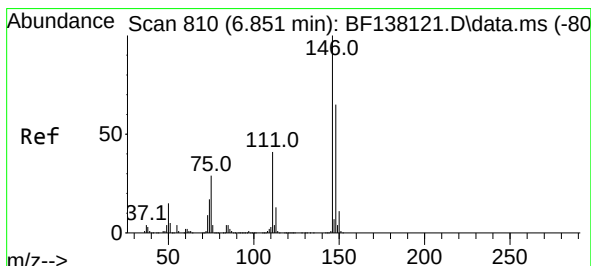
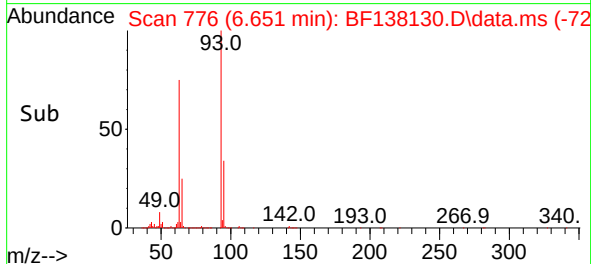
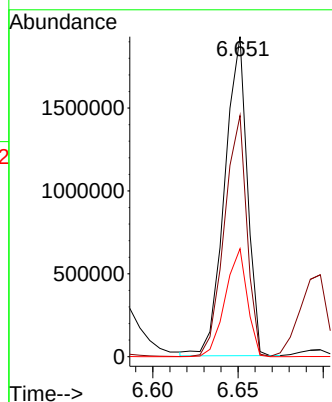
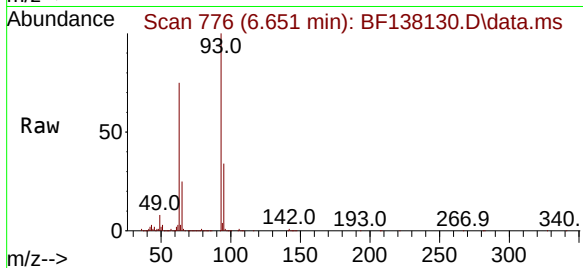


#11
bis(2-Chloroethyl)ether
Concen: 48.187 ng
RT: 6.651 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Instrument :
BNA_F
ClientSampleId :
PB161335BS

Tgt Ion: 93 Resp: 1774412

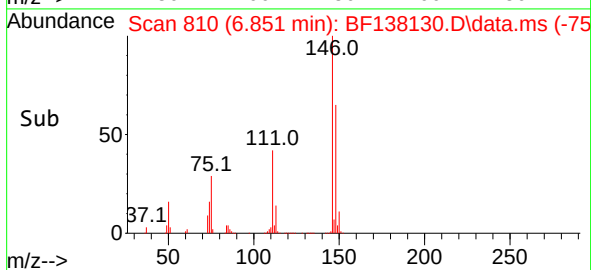
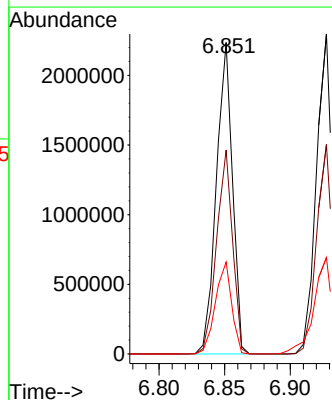
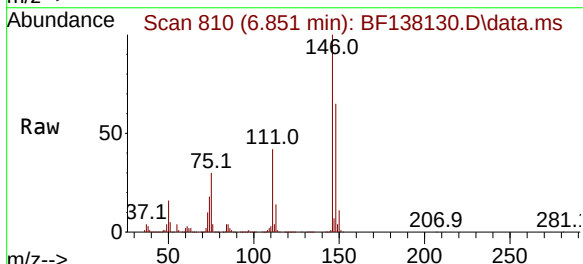
Ion	Ratio	Lower	Upper
93	100		
63	75.4	55.3	95.3
95	33.8	12.5	52.5

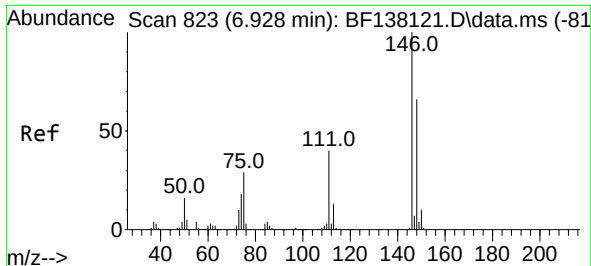


#12
1,3-Dichlorobenzene
Concen: 43.636 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.000 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion:146 Resp: 1911376

Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.2	78.2
75	29.5	23.0	34.6

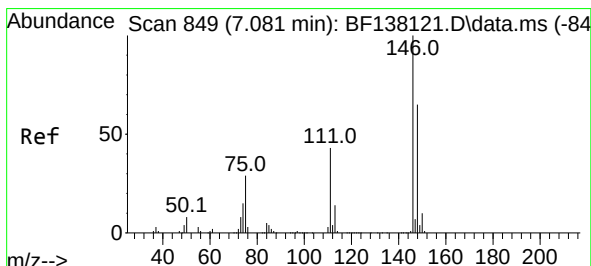
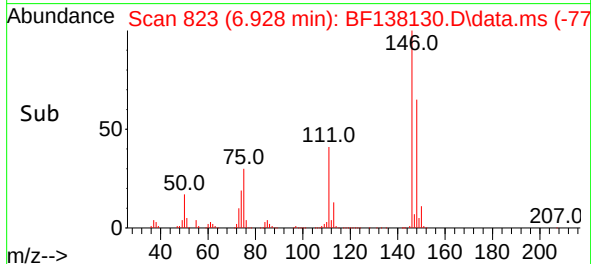
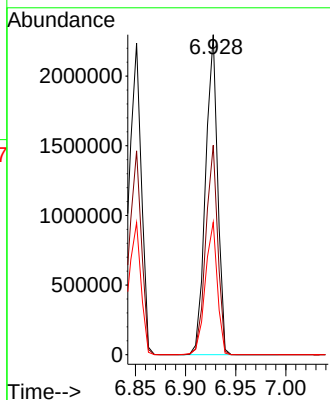
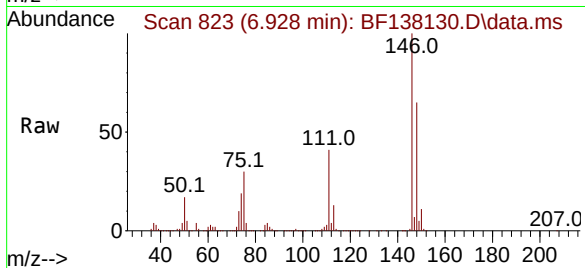




#13
1,4-Dichlorobenzene
Concen: 43.940 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

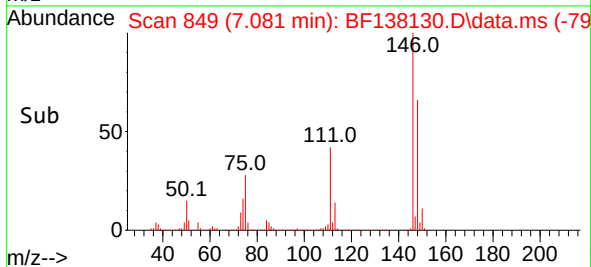
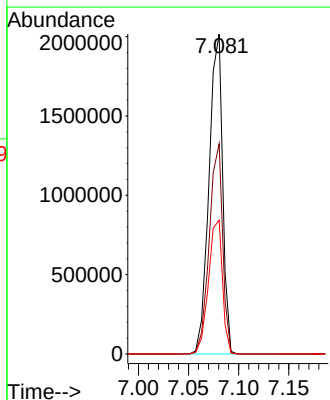
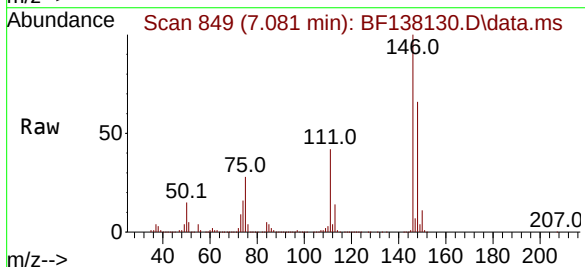
Instrument :
BNA_F
ClientSampleId :
PB161335BS

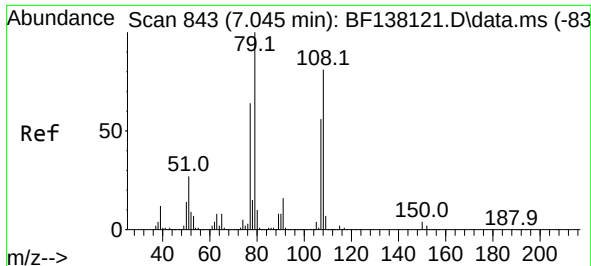
Tgt Ion:146 Resp: 1938361
Ion Ratio Lower Upper
146 100
148 65.5 52.6 78.8
111 41.4 31.9 47.9



#14
1,2-Dichlorobenzene
Concen: 46.174 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion:146 Resp: 1912044
Ion Ratio Lower Upper
146 100
148 65.7 51.6 77.4
111 41.8 34.3 51.5





#15

Benzyl Alcohol

Concen: 52.394 ng

RT: 7.057 min Scan# 843

Delta R.T. 0.012 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB161335BS

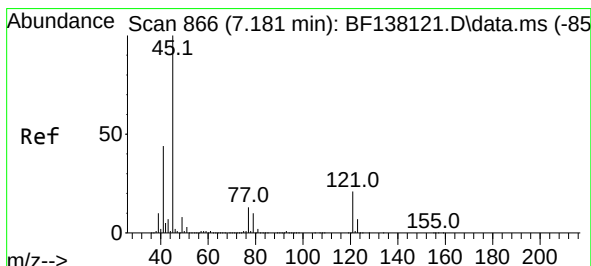
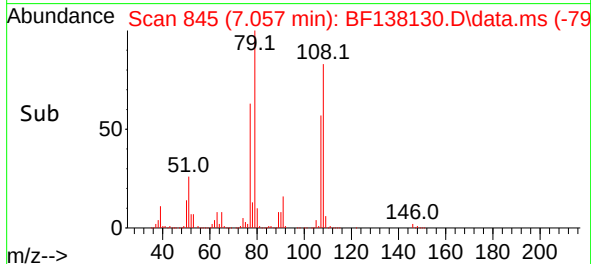
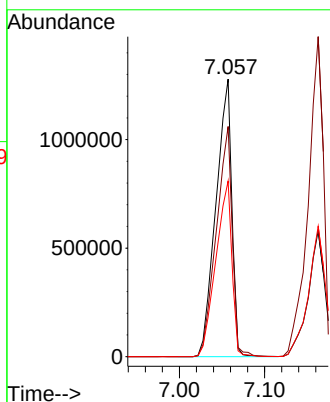
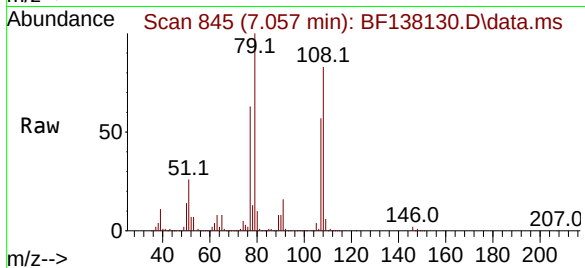
Tgt Ion: 79 Resp: 1657479

Ion Ratio Lower Upper

79 100

108 83.0 64.5 96.7

77 63.3 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.334 ng

RT: 7.181 min Scan# 866

Delta R.T. -0.000 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

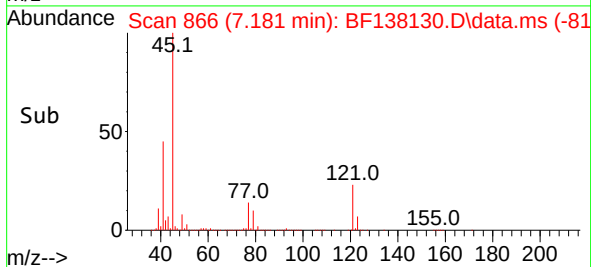
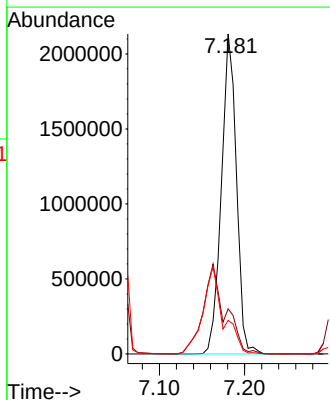
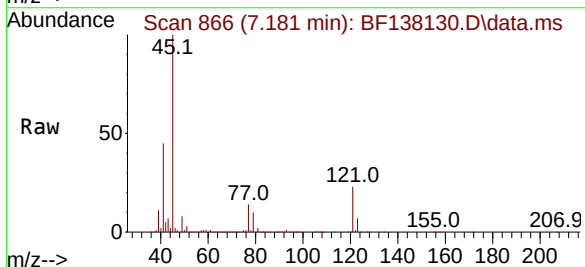
Tgt Ion: 45 Resp: 2612868

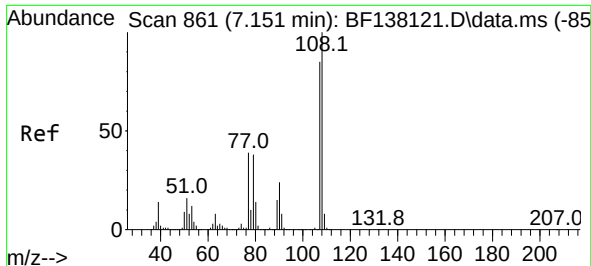
Ion Ratio Lower Upper

45 100

77 14.1 0.0 33.2

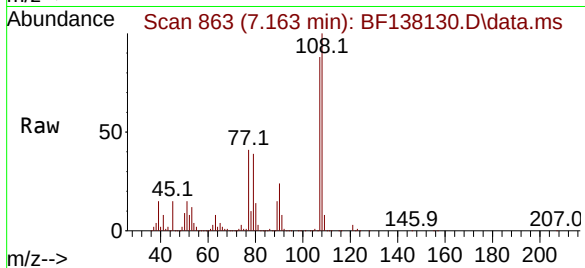
79 10.5 0.0 29.9





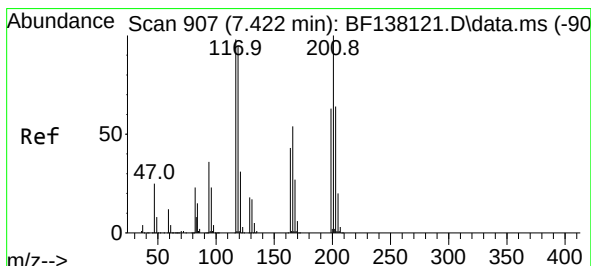
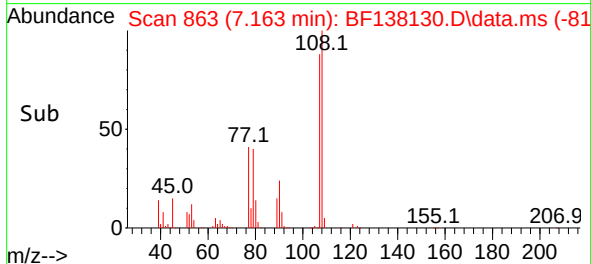
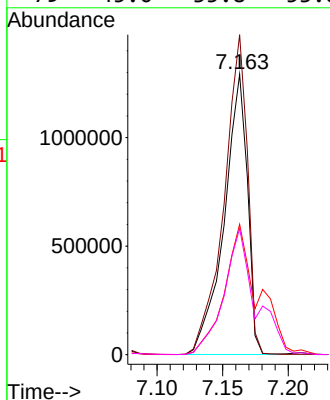
#17
2-Methylphenol
Concen: 51.508 ng
RT: 7.163 min Scan# 861
Delta R.T. 0.012 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Instrument :
BNA_F
ClientSampleId :
PB161335BS



Tgt Ion:107 Resp: 1593803

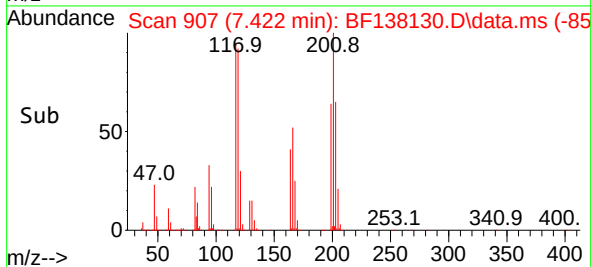
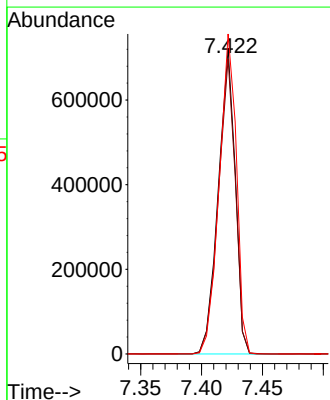
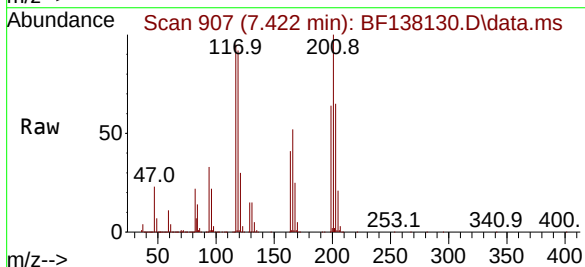
Ion	Ratio	Lower	Upper
107	100		
108	114.1	94.2	141.2
77	46.5	36.7	55.1
79	45.0	35.8	53.8

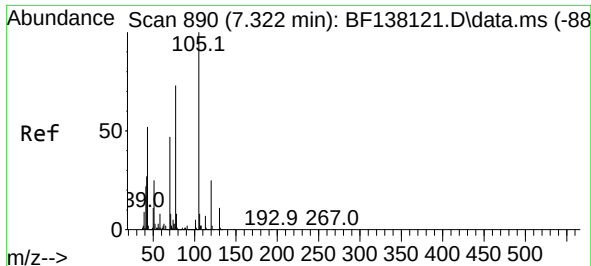


#18
Hexachloroethane
Concen: 46.456 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.000 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion:117 Resp: 699477

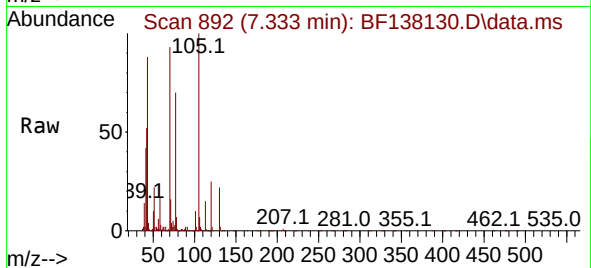
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.7	116.5
201	104.7	81.7	122.5



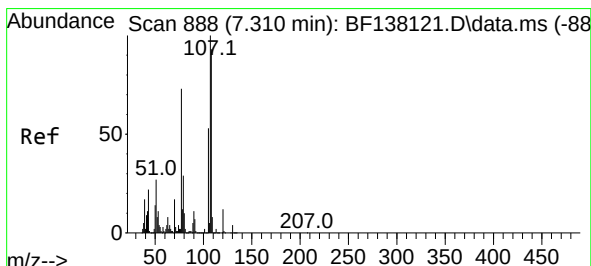
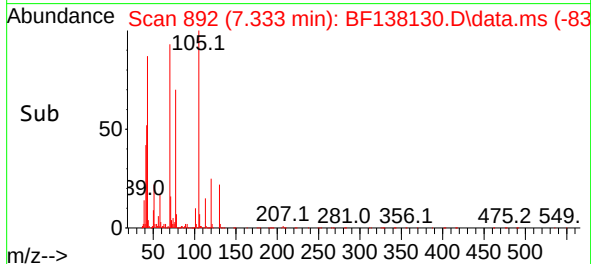
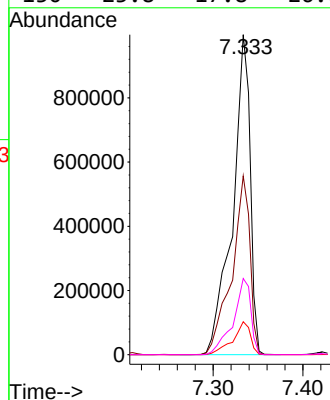


#19
n-Nitroso-di-n-propylamine
Concen: 47.586 ng
RT: 7.333 min Scan# 890
Delta R.T. 0.012 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Instrument :
BNA_F
ClientSampleId :
PB161335BS

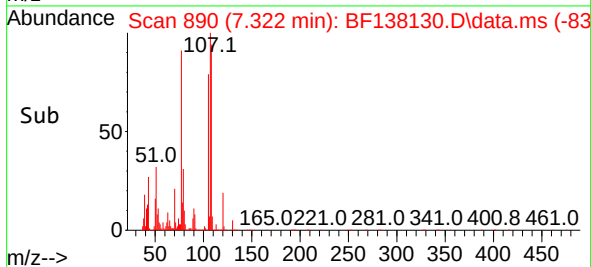
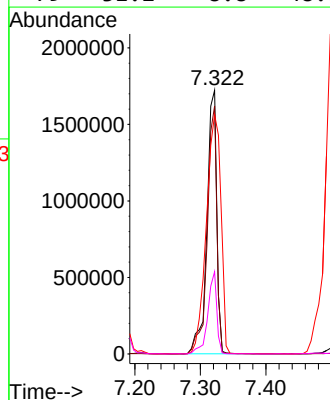
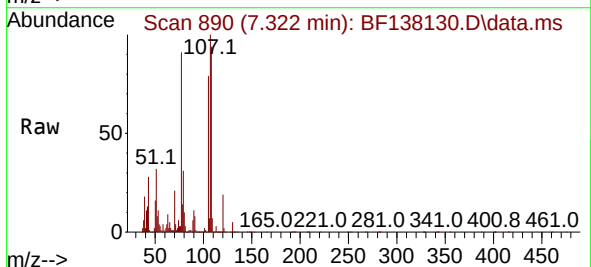


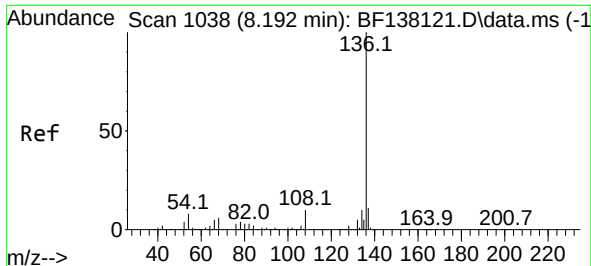
Tgt Ion: 70 Resp: 1356578
Ion Ratio Lower Upper
70 100
42 55.8 46.3 69.5
101 10.3 7.7 11.5
130 23.8 17.8 26.6



#20
3+4-Methylphenols
Concen: 46.941 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.012 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion: 107 Resp: 1807373
Ion Ratio Lower Upper
107 100
108 94.1 73.0 113.0
77 90.8 53.2 93.2
79 31.2 8.8 48.8

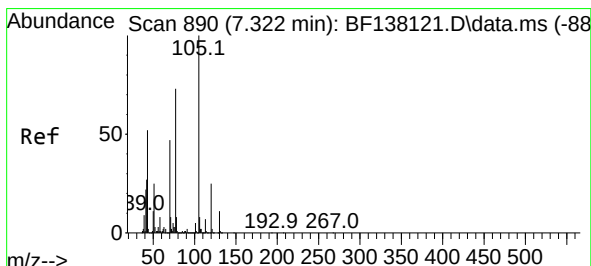
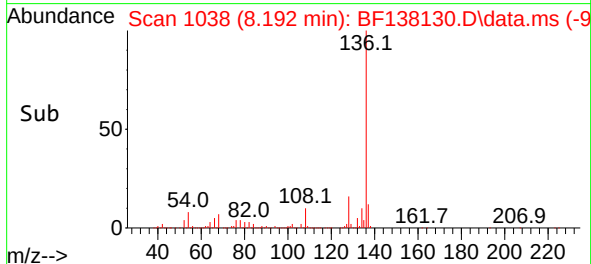
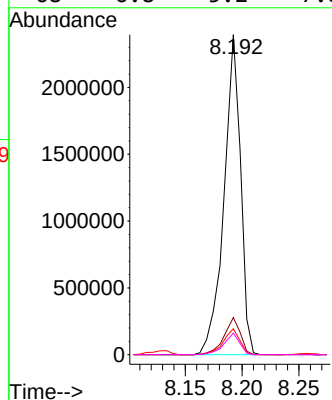
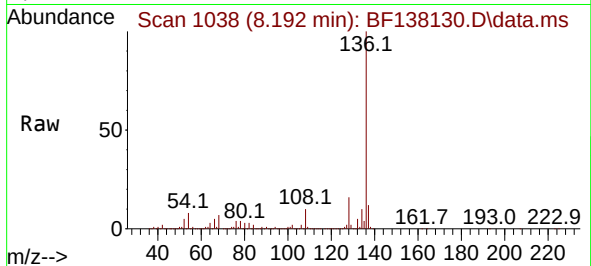




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

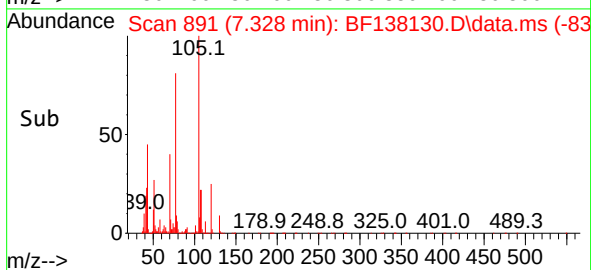
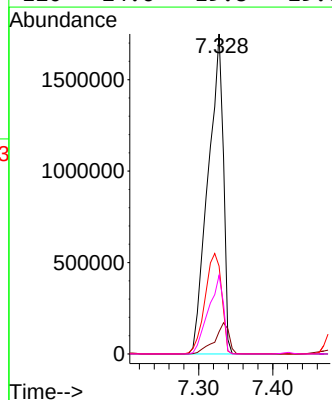
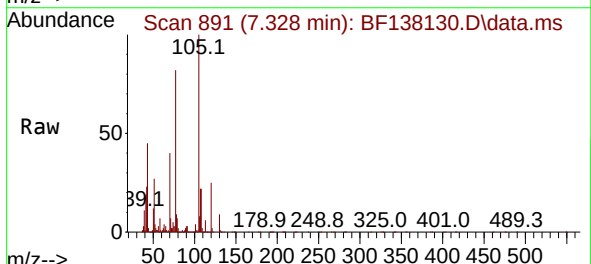
Instrument :
BNA_F
ClientSampleId :
PB161335BS

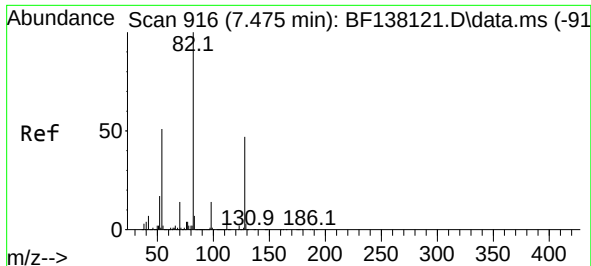
Tgt Ion:136 Resp: 2430043
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 8.1 6.2 9.2
68 6.8 5.2 7.8



#22
Acetophenone
Concen: 44.544 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.006 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion:105 Resp: 2491950
Ion Ratio Lower Upper
105 100
71 6.9 6.3 9.5
51 27.5 19.8 29.6
120 24.6 19.8 29.6

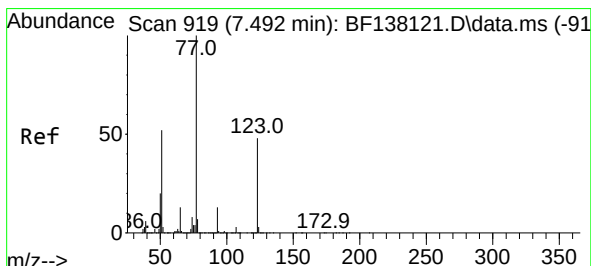
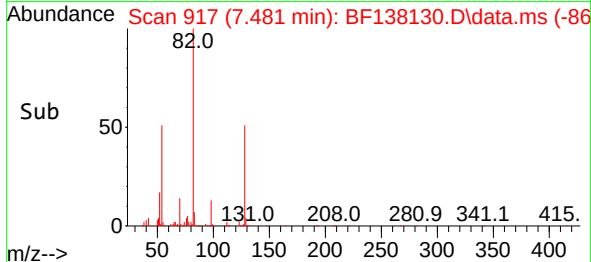
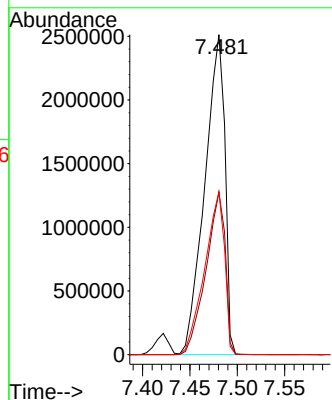
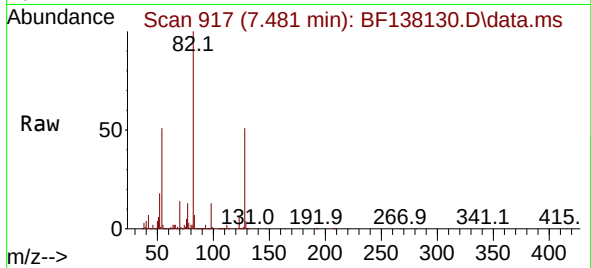




#23
Nitrobenzene-d5
Concen: 103.611 ng
RT: 7.481 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

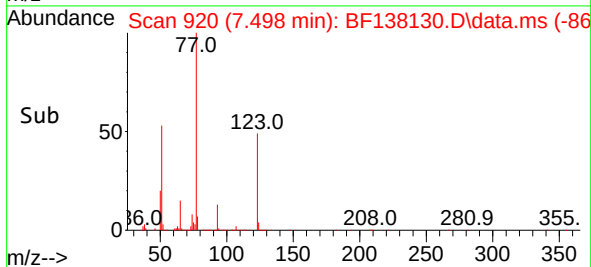
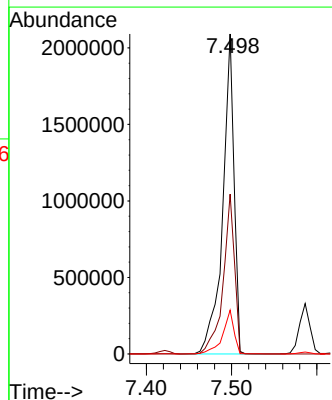
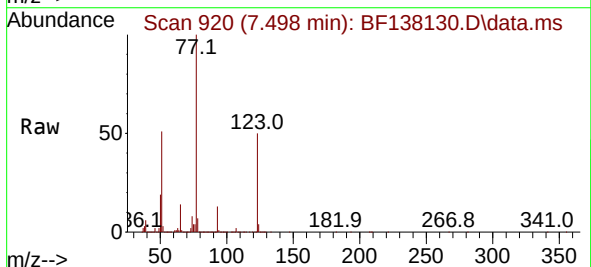
Instrument :
BNA_F
ClientSampleId :
PB161335BS

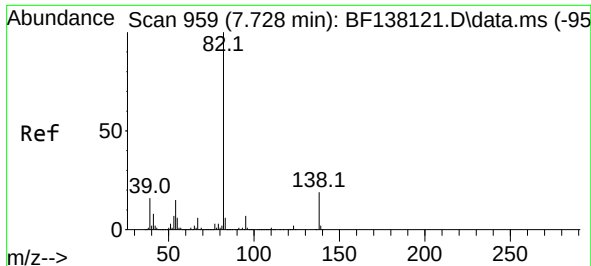
Tgt Ion: 82 Resp: 3700580
Ion Ratio Lower Upper
82 100
128 50.7 37.7 56.5
54 51.0 40.8 61.2



#24
Nitrobenzene
Concen: 49.826 ng
RT: 7.498 min Scan# 920
Delta R.T. 0.006 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion: 77 Resp: 1938621
Ion Ratio Lower Upper
77 100
123 49.9 38.2 57.2
65 13.7 10.7 16.1

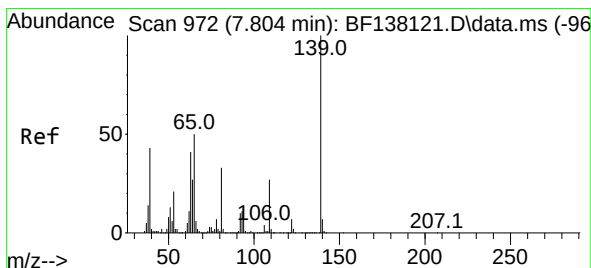
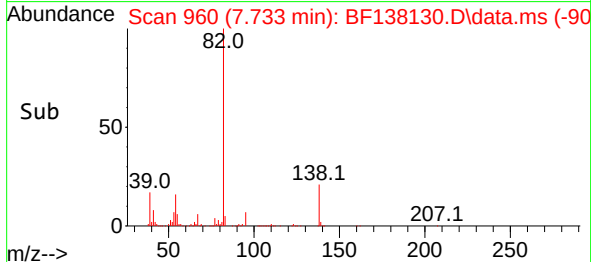
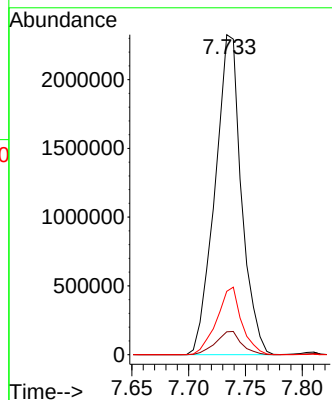
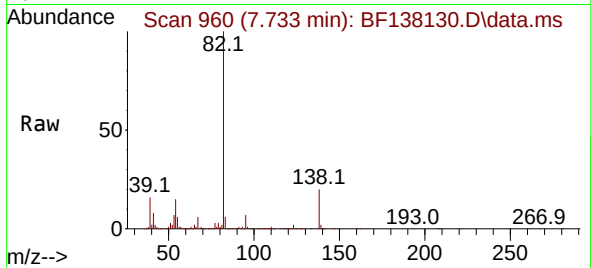




#25
Isophorone
Concen: 47.919 ng
RT: 7.733 min Scan# 960
Delta R.T. 0.005 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

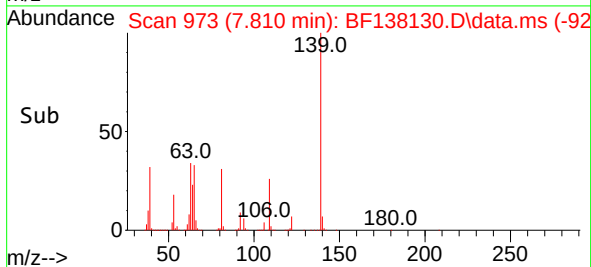
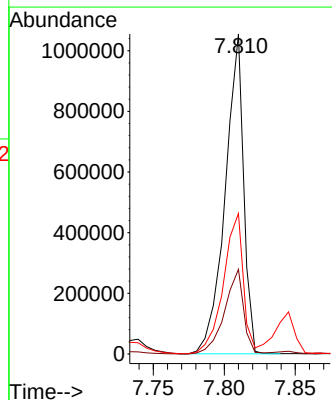
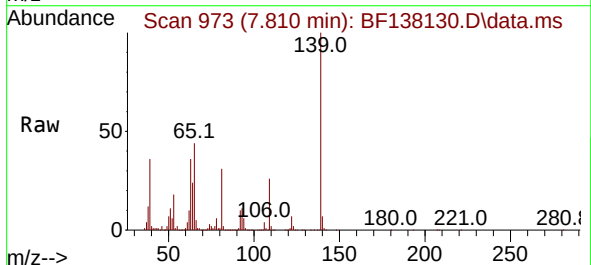
Instrument :
BNA_F
ClientSampleId :
PB161335BS

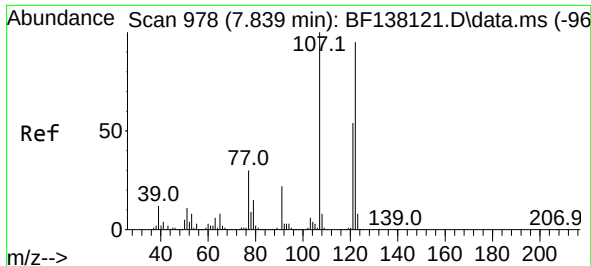
Tgt Ion: 82 Resp: 3770519
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 19.8 15.5 23.3



#26
2-Nitrophenol
Concen: 55.619 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.006 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion: 139 Resp: 952973
Ion Ratio Lower Upper
139 100
109 26.5 21.8 32.6
65 43.9 40.1 60.1





#27

2,4-Dimethylphenol

Concen: 58.485 ng

RT: 7.845 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB161335BS

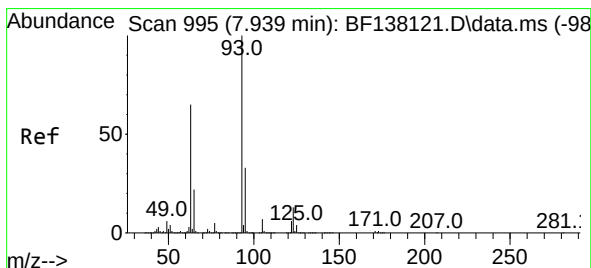
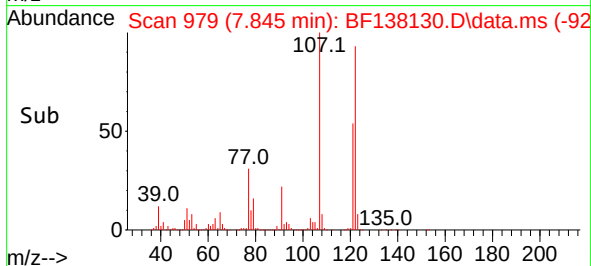
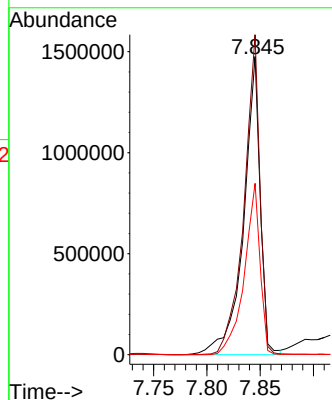
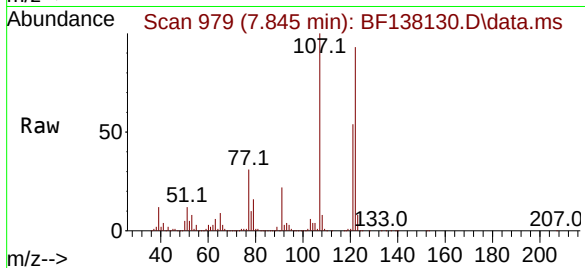
Tgt Ion:122 Resp: 1598469

Ion Ratio Lower Upper

122 100

107 107.3 84.2 126.2

121 57.5 45.4 68.0



#28

bis(2-Chloroethoxy)methane

Concen: 47.406 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.006 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

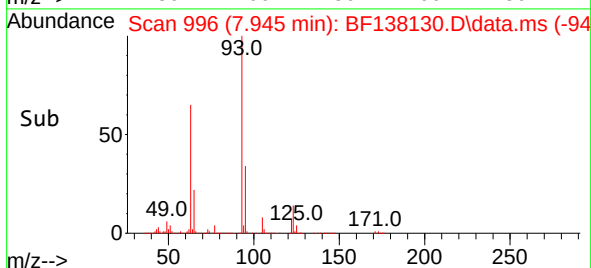
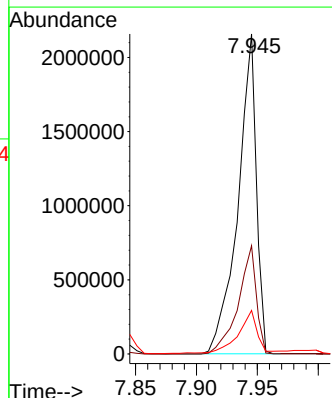
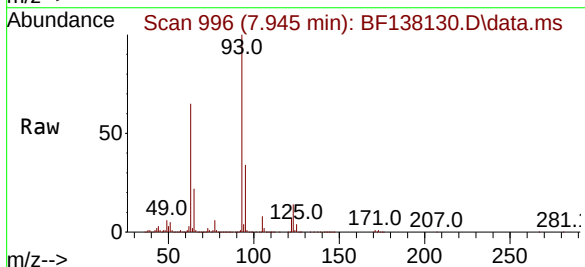
Tgt Ion: 93 Resp: 2272149

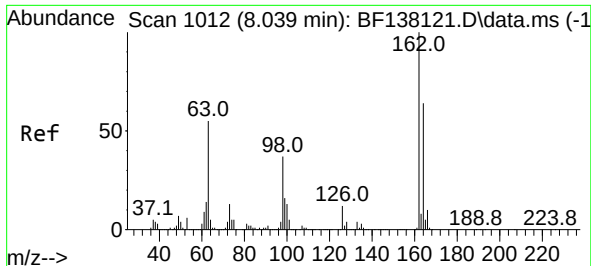
Ion Ratio Lower Upper

93 100

95 33.8 26.6 39.8

123 13.6 10.2 15.2





#29

2,4-Dichlorophenol

Concen: 52.056 ng

RT: 8.051 min Scan# 1014

Delta R.T. 0.012 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB161335BS

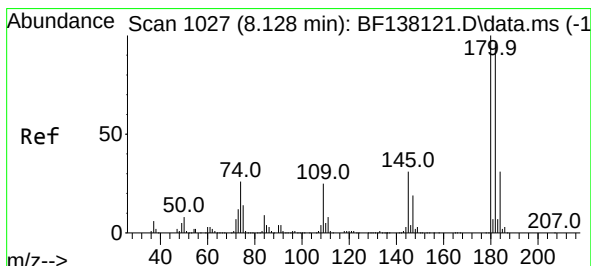
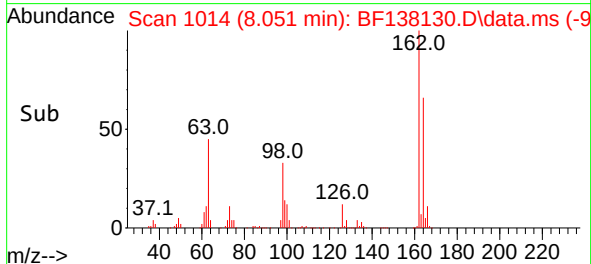
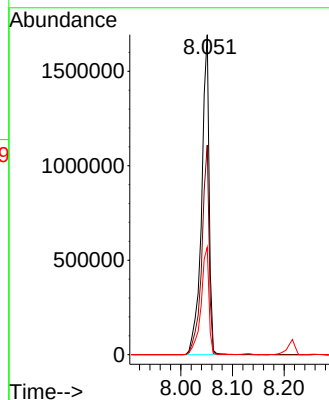
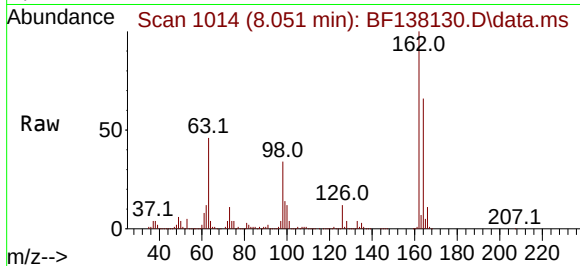
Tgt Ion:162 Resp: 1714775

Ion Ratio Lower Upper

162 100

164 65.5 44.1 84.1

98 33.5 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 45.499 ng

RT: 8.133 min Scan# 1028

Delta R.T. 0.006 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

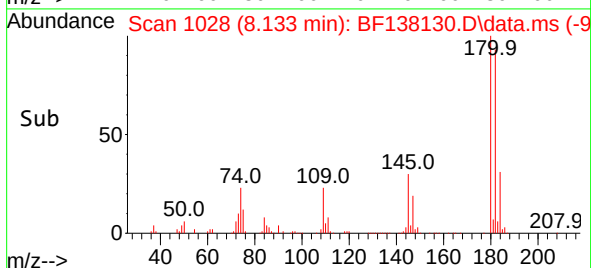
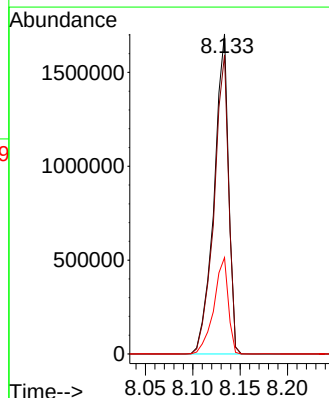
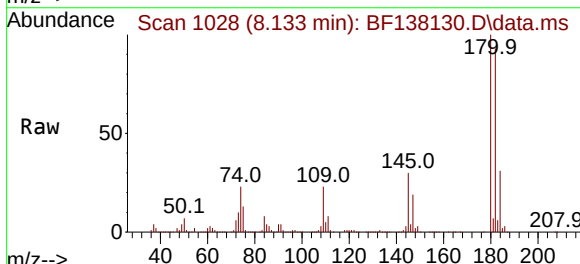
Tgt Ion:180 Resp: 1808453

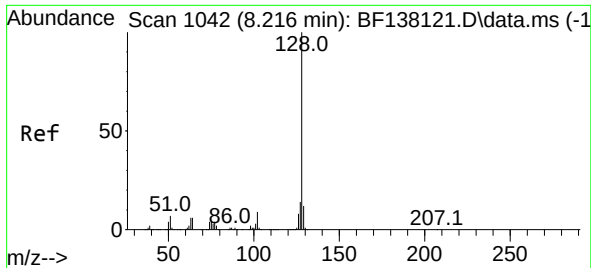
Ion Ratio Lower Upper

180 100

182 93.5 76.4 114.6

145 30.1 24.8 37.2

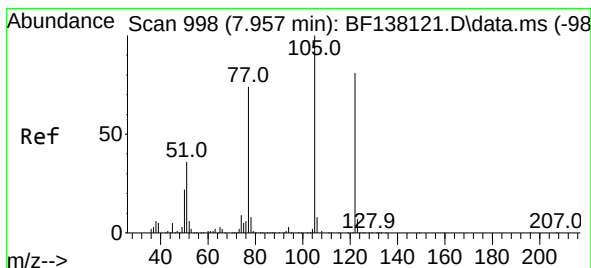
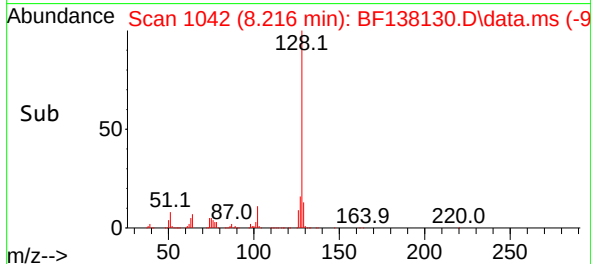
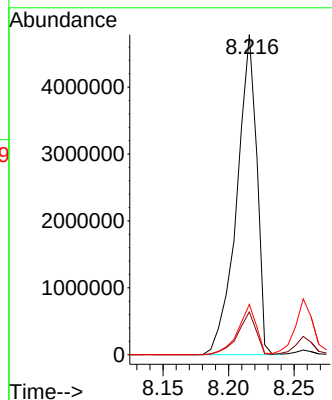
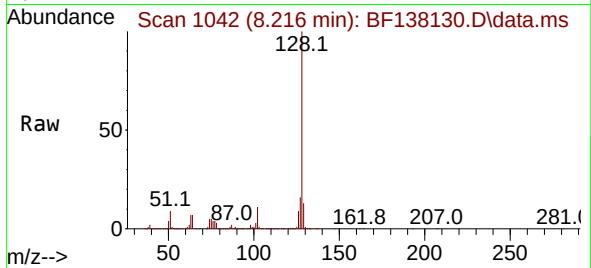




#31
Naphthalene
Concen: 43.211 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

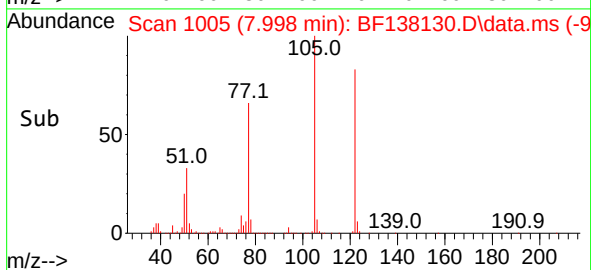
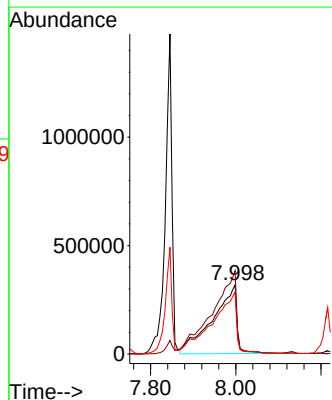
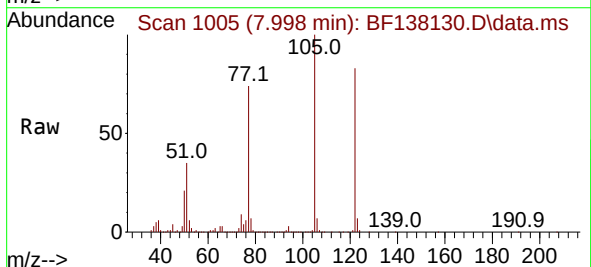
Instrument :
BNA_F
ClientSampleId :
PB161335BS

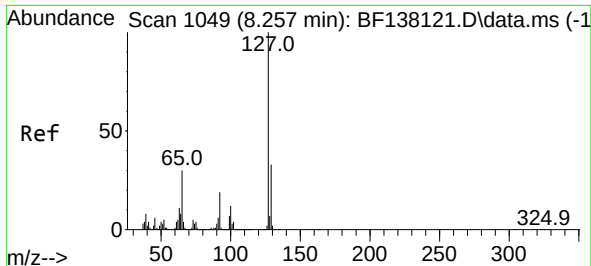
Tgt Ion:128 Resp: 5078890
Ion Ratio Lower Upper
128 100
129 13.4 9.4 14.0
127 15.7 11.2 16.8



#32
Benzoic acid
Concen: 55.963 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.041 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion:122 Resp: 1251305
Ion Ratio Lower Upper
122 100
105 120.8 102.8 142.8
77 89.7 71.2 111.2

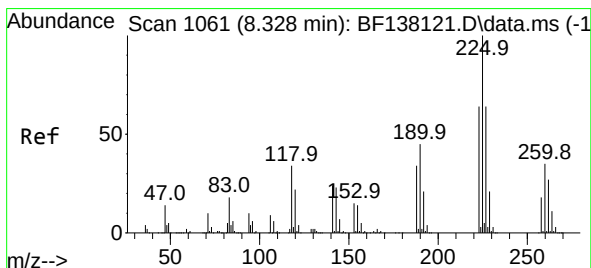
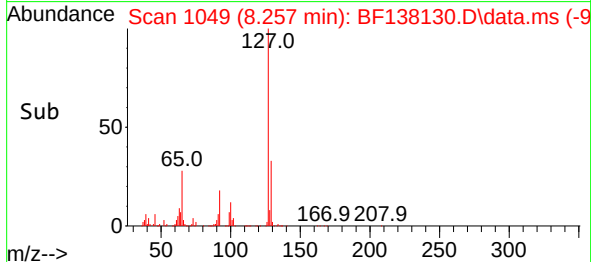
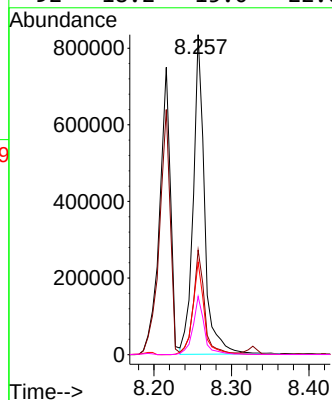
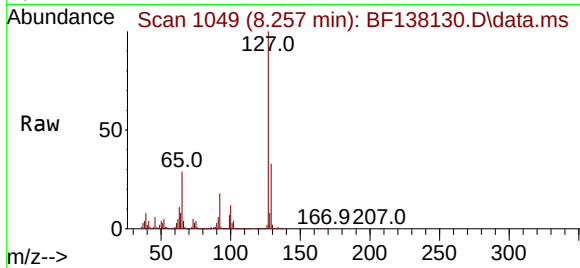




#33
4-Chloroaniline
Concen: 19.186 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

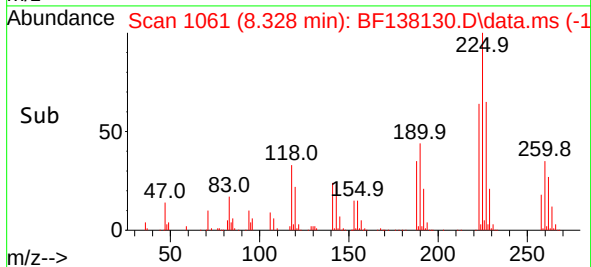
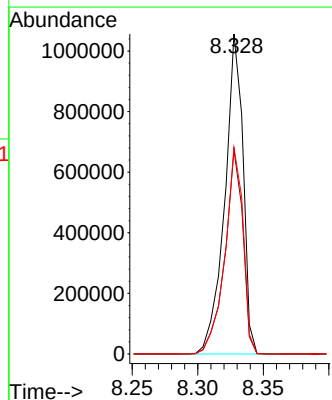
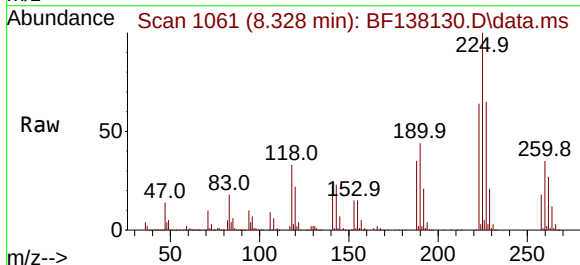
Instrument :
BNA_F
ClientSampleId :
PB161335BS

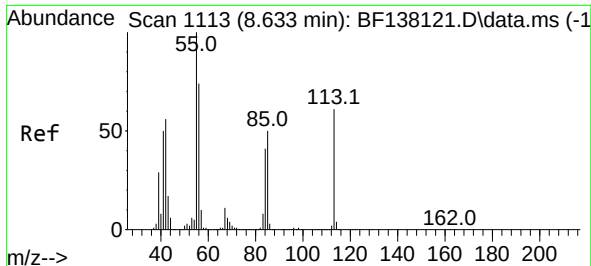
Tgt	Ion:127	Resp:	847551
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.5	39.7
65	29.0	24.0	36.0
92	18.2	15.0	22.6



#34
Hexachlorobutadiene
Concen: 43.705 ng
RT: 8.328 min Scan# 1061
Delta R.T. -0.000 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt	Ion:225	Resp:	1020802
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.9	76.3
227	64.6	51.2	76.8

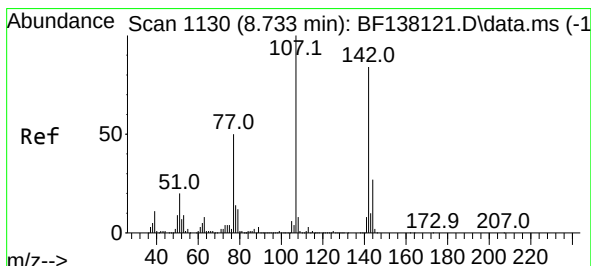
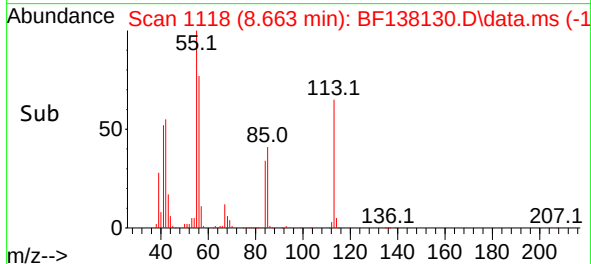
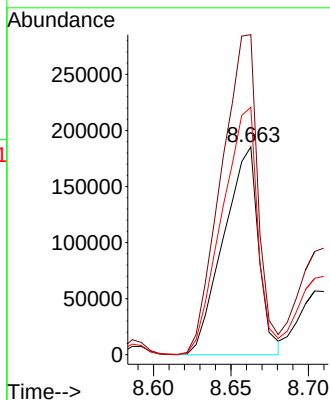
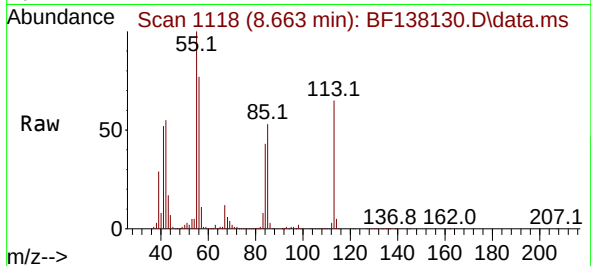




#35
Caprolactam
Concen: 26.595 ng
RT: 8.663 min Scan# 1113
Delta R.T. 0.029 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

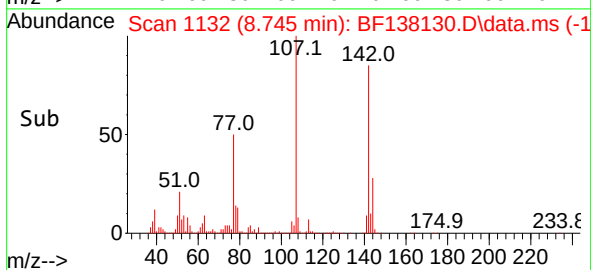
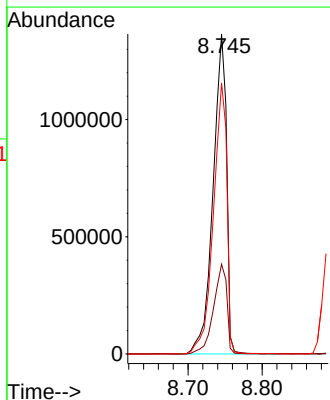
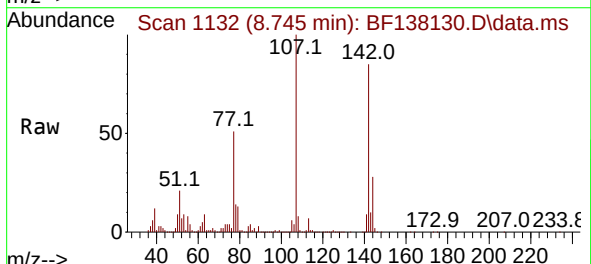
Instrument :
BNA_F
ClientSampleId :
PB161335BS

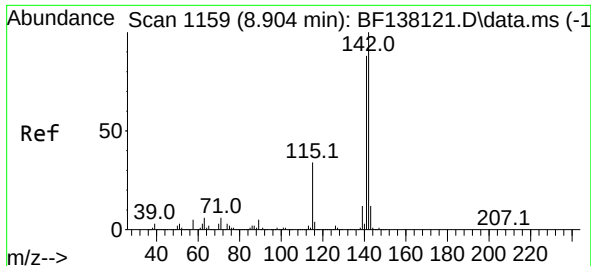
Tgt Ion:113 Resp: 292535
Ion Ratio Lower Upper
113 100
55 154.0 144.5 184.5
56 119.1 102.0 142.0



#36
4-Chloro-3-methylphenol
Concen: 51.036 ng
RT: 8.745 min Scan# 1132
Delta R.T. 0.012 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion:107 Resp: 1722809
Ion Ratio Lower Upper
107 100
144 28.0 21.7 32.5
142 84.7 67.0 100.4

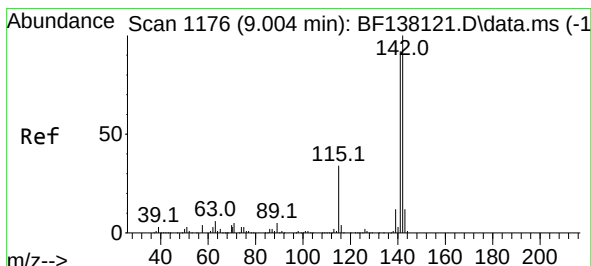
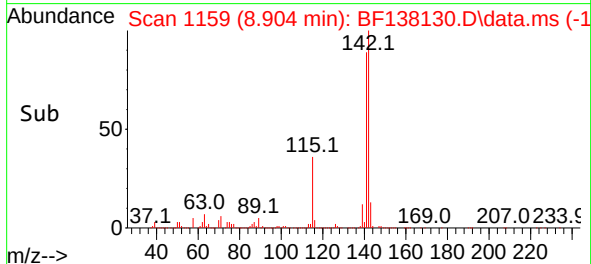
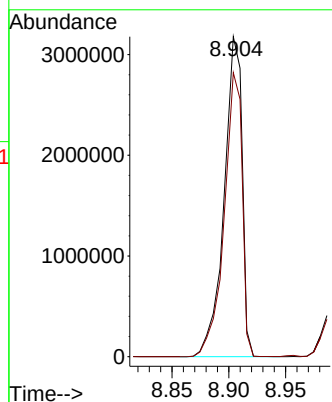
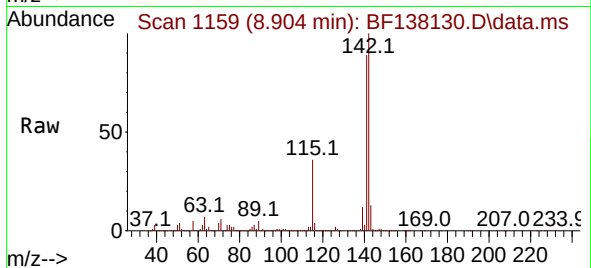




#37
2-Methylnaphthalene
Concen: 44.208 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

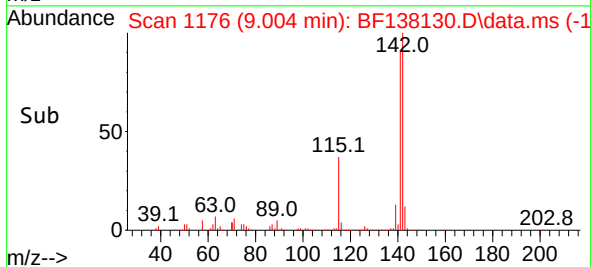
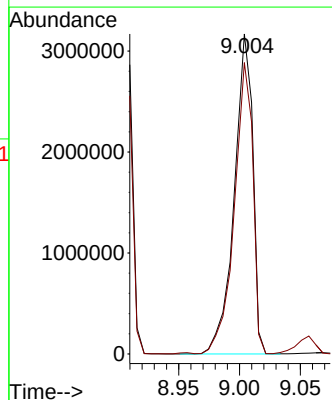
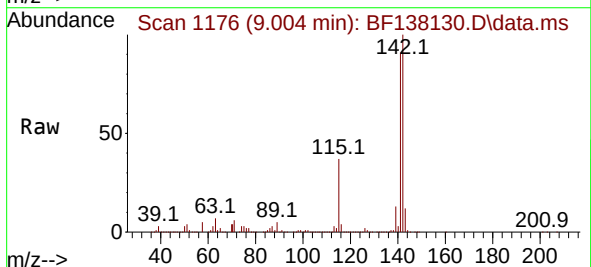
Instrument :
BNA_F
ClientSampleId :
PB161335BS

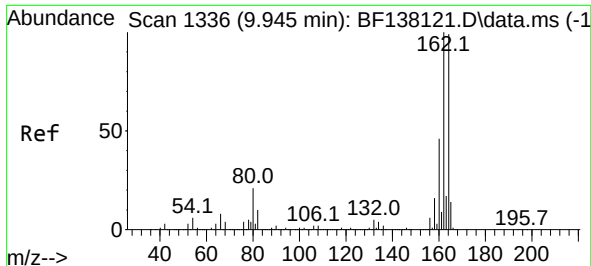
Tgt Ion:142 Resp: 3502731
Ion Ratio Lower Upper
142 100
141 88.8 70.5 105.7



#38
1-Methylnaphthalene
Concen: 43.297 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion:142 Resp: 3358949
Ion Ratio Lower Upper
142 100
141 91.0 73.3 109.9

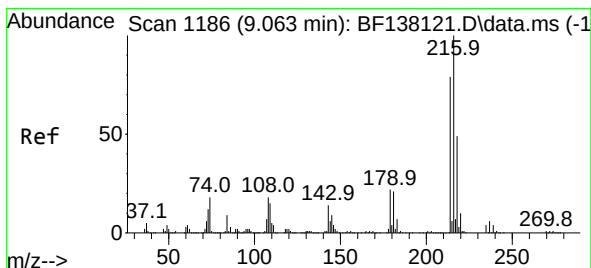
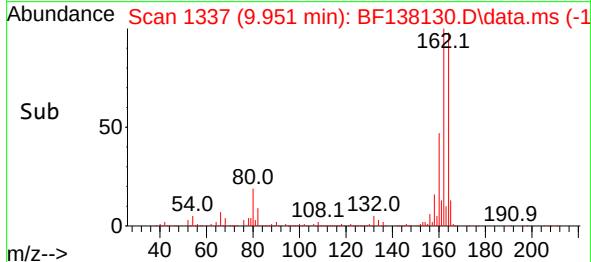
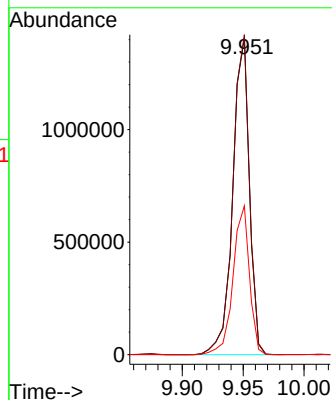
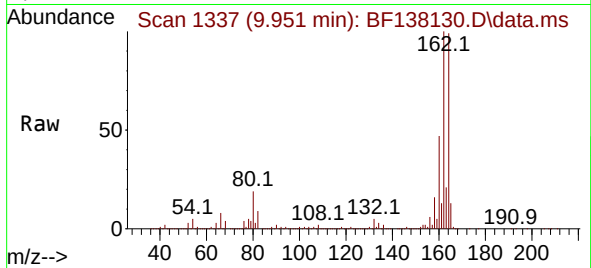




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

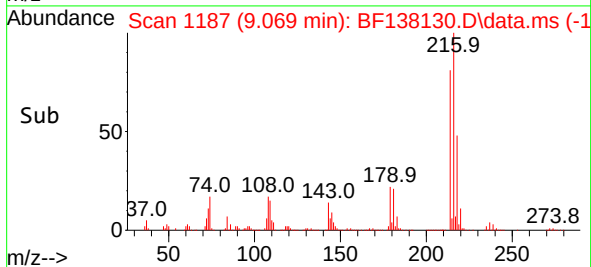
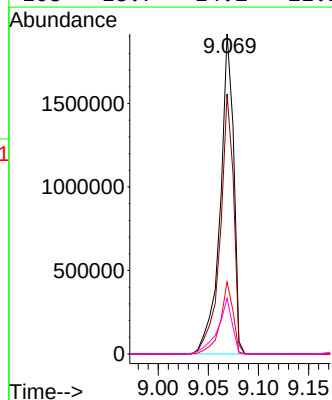
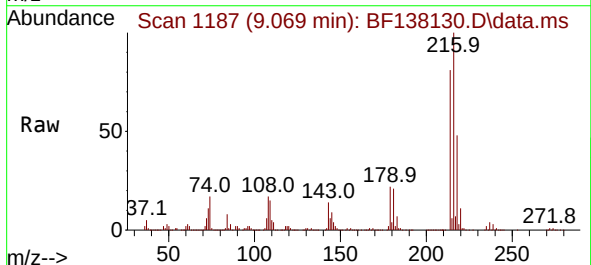
Instrument :
BNA_F
ClientSampleId :
PB161335BS

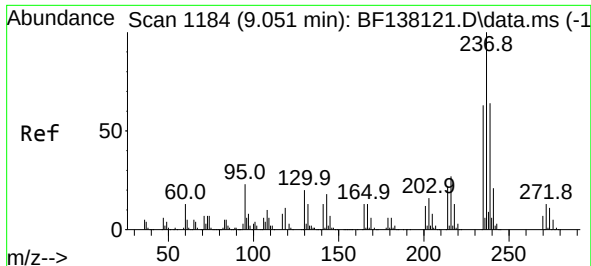
Tgt Ion:164 Resp: 1336694
Ion Ratio Lower Upper
164 100
162 101.1 80.9 121.3
160 47.0 37.0 55.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.271 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion:216 Resp: 1783942
Ion Ratio Lower Upper
216 100
214 80.3 63.3 94.9
179 21.1 16.9 25.3
108 18.7 14.2 21.2

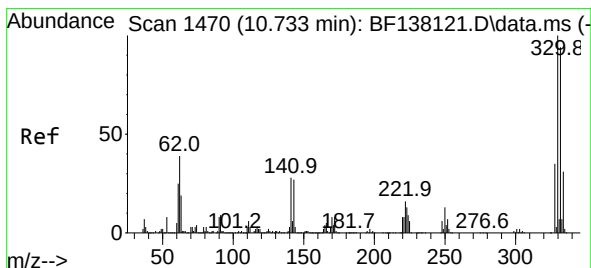
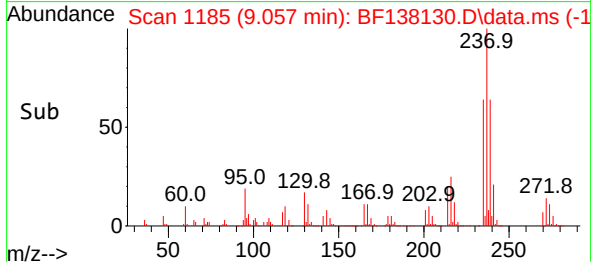
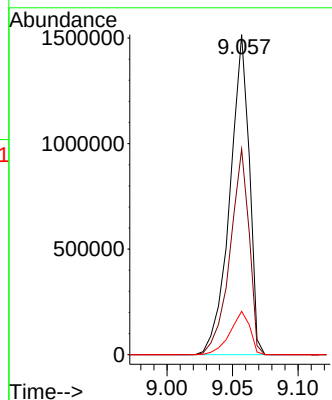
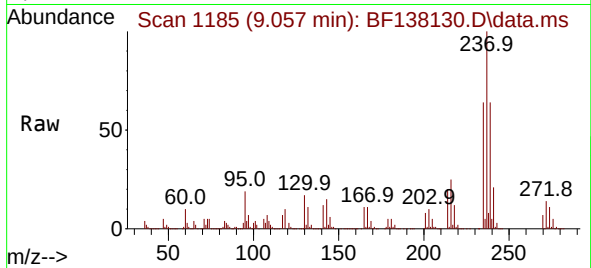




#41
Hexachlorocyclopentadiene
Concen: 124.924 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

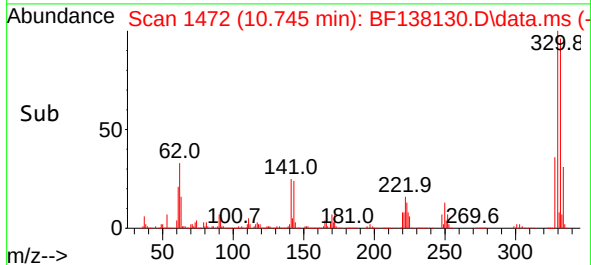
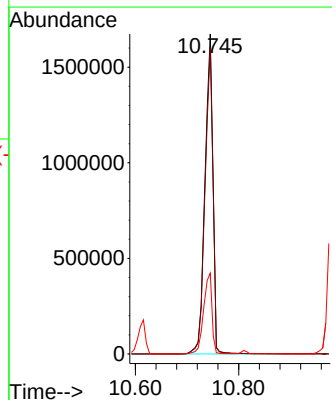
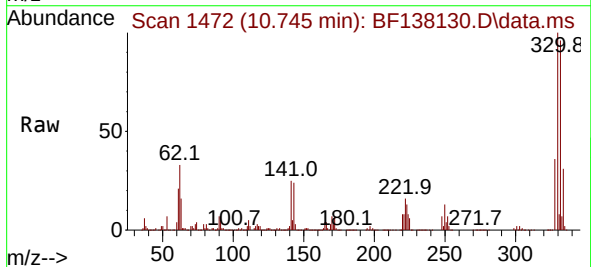
Instrument :
BNA_F
ClientSampleId :
PB161335BS

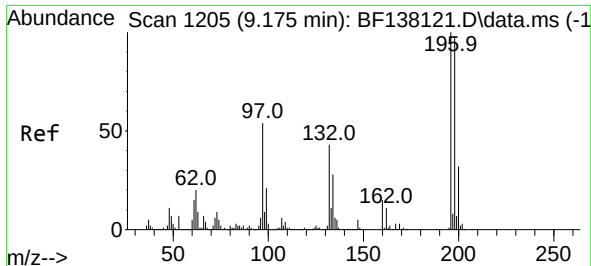
Tgt Ion:237 Resp: 1556330
Ion Ratio Lower Upper
237 100
235 64.2 43.4 83.4
272 13.6 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 139.174 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.012 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion:330 Resp: 1790325
Ion Ratio Lower Upper
330 100
332 95.6 75.8 113.8
141 26.7 23.2 34.8

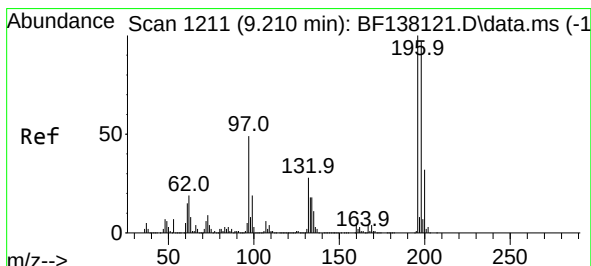
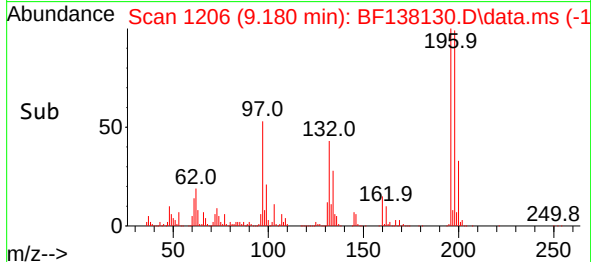
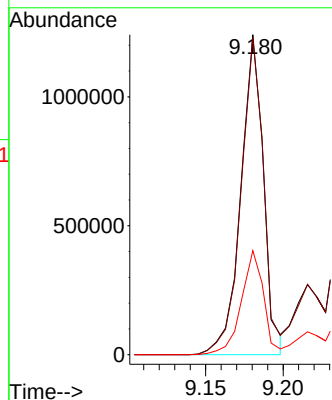
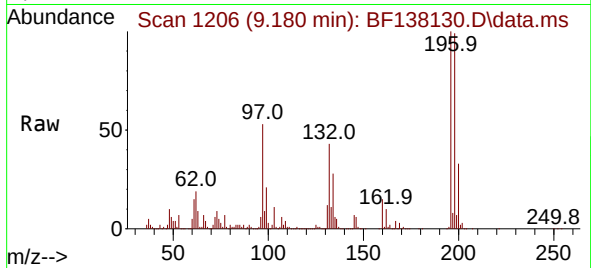




#43
2,4,6-Trichlorophenol
Concen: 54.887 ng
RT: 9.180 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

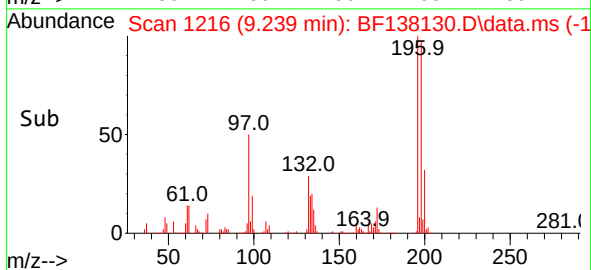
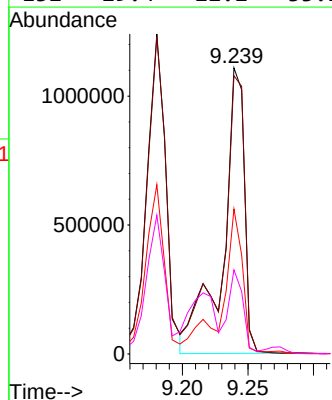
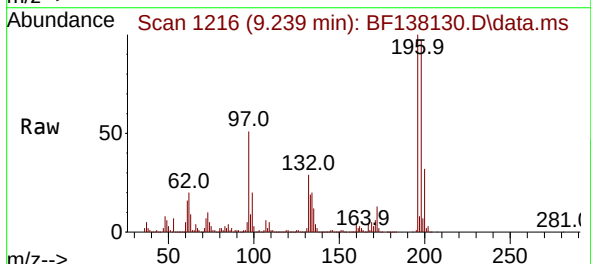
Instrument :
BNA_F
ClientSampleId :
PB161335BS

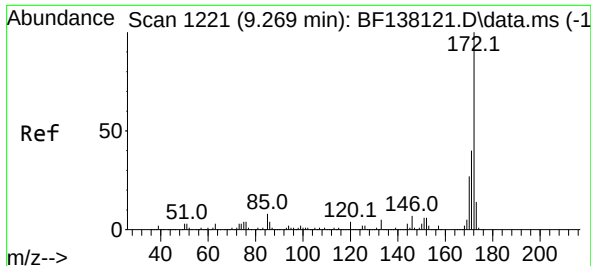
Tgt Ion:196 Resp: 1257628
Ion Ratio Lower Upper
196 100
198 99.1 78.5 117.7
200 32.5 25.4 38.0



#44
2,4,5-Trichlorophenol
Concen: 50.515 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.029 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion:196 Resp: 1275401
Ion Ratio Lower Upper
196 100
198 97.3 77.4 116.0
97 50.7 39.5 59.3
132 29.4 22.2 33.2

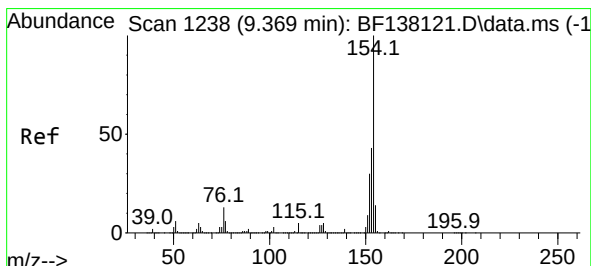
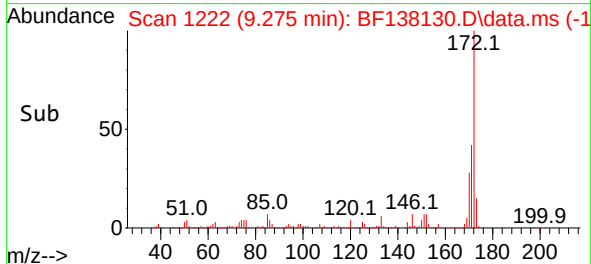
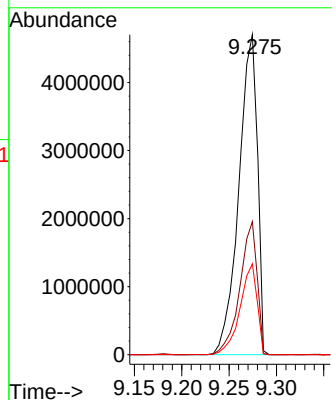
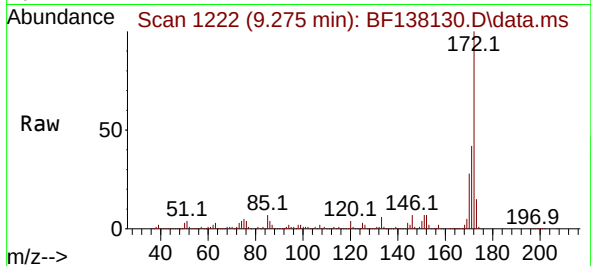




#45
2-Fluorobiphenyl
Concen: 83.661 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.006 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

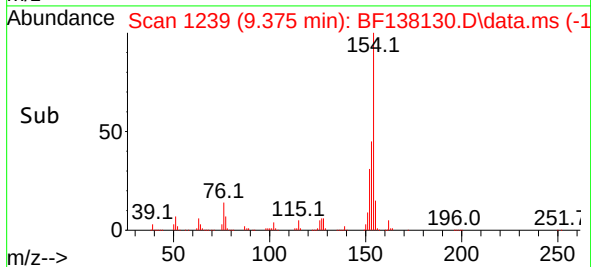
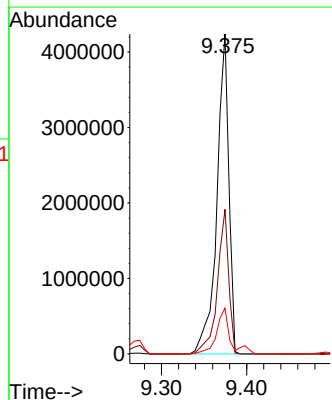
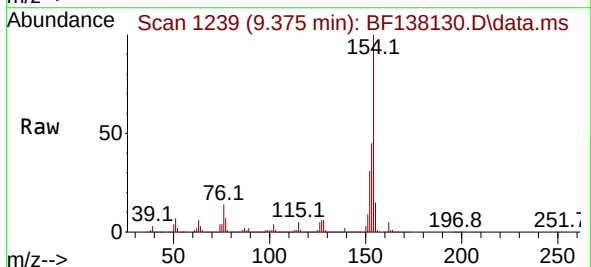
Instrument :
BNA_F
ClientSampleId :
PB161335BS

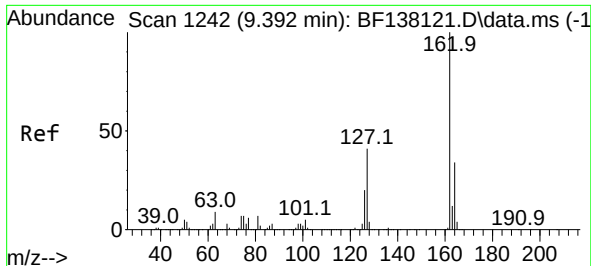
Tgt Ion:172 Resp: 6395607
Ion Ratio Lower Upper
172 100
171 41.6 31.6 47.4
170 28.4 21.4 32.2



#46
1,1'-Biphenyl
Concen: 44.278 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion:154 Resp: 4157359
Ion Ratio Lower Upper
154 100
153 45.2 22.7 62.7
76 14.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 45.733 ng

RT: 9.398 min Scan# 1242

Delta R.T. 0.006 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB161335BS

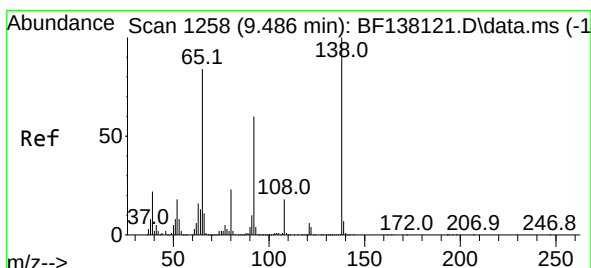
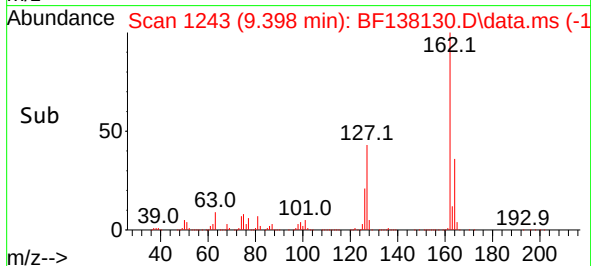
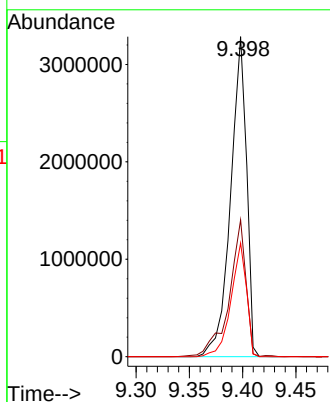
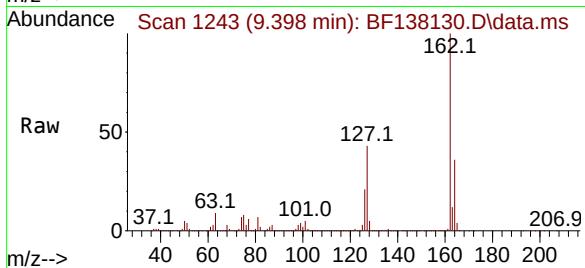
Tgt Ion:162 Resp: 3422084

Ion Ratio Lower Upper

162 100

127 42.7 33.0 49.4

164 35.5 27.5 41.3



#48

2-Nitroaniline

Concen: 53.722 ng

RT: 9.492 min Scan# 1259

Delta R.T. 0.006 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

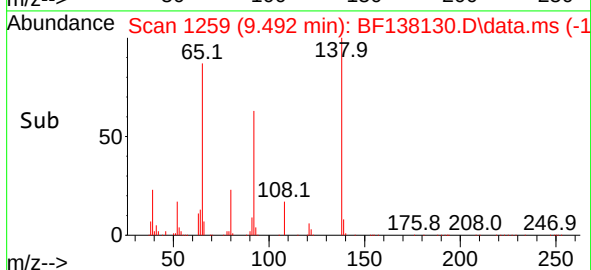
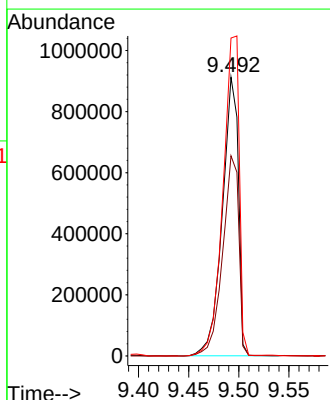
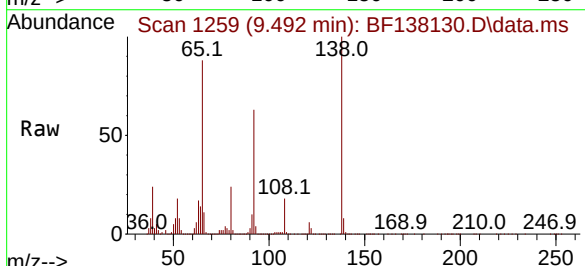
Tgt Ion: 65 Resp: 1010680

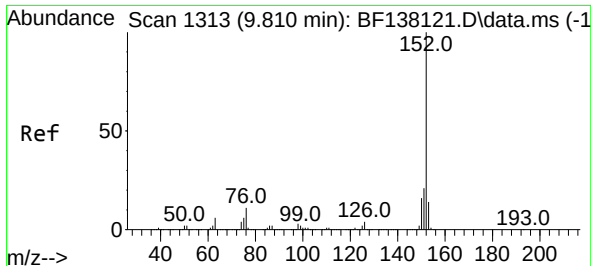
Ion Ratio Lower Upper

65 100

92 71.8 57.3 85.9

138 114.1 95.4 143.2





#49

Acenaphthylene

Concen: 47.462 ng

RT: 9.816 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB161335BS

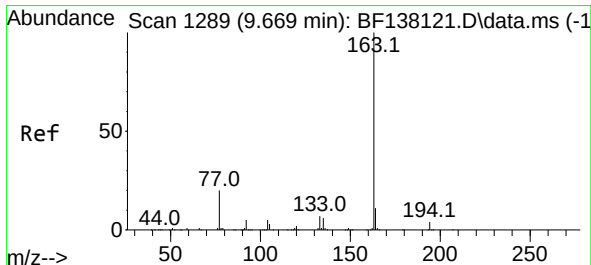
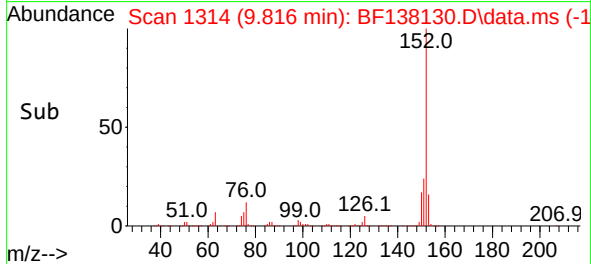
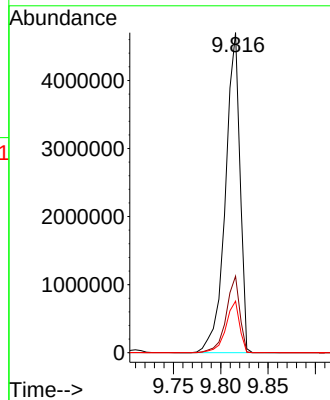
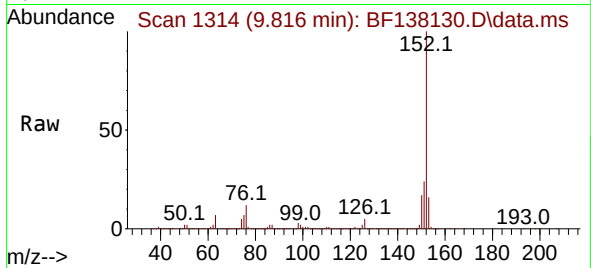
Tgt Ion:152 Resp: 5025713

Ion Ratio Lower Upper

152 100

151 23.9 17.1 25.7

153 16.1 11.6 17.4



#50

Dimethylphthalate

Concen: 47.576 ng

RT: 9.680 min Scan# 1291

Delta R.T. 0.011 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

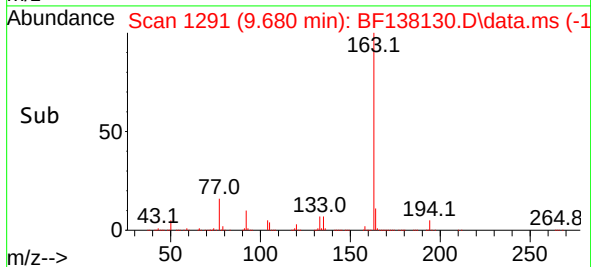
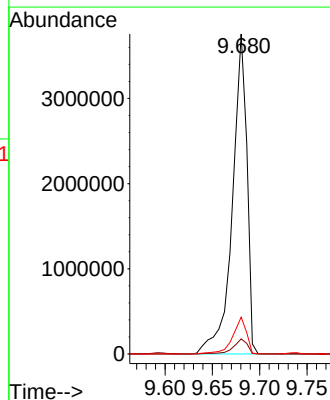
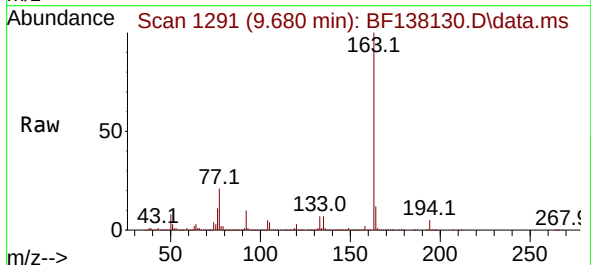
Tgt Ion:163 Resp: 3995906

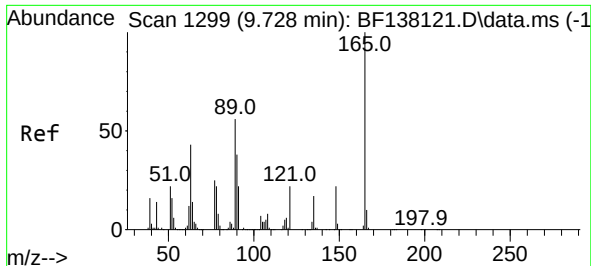
Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

164 11.5 8.6 12.8

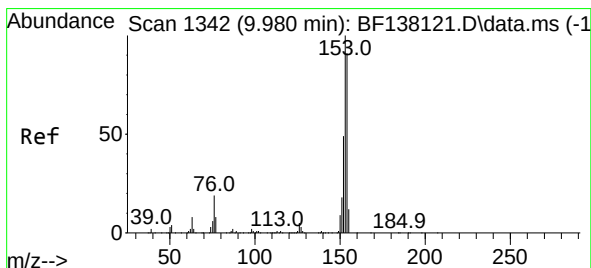
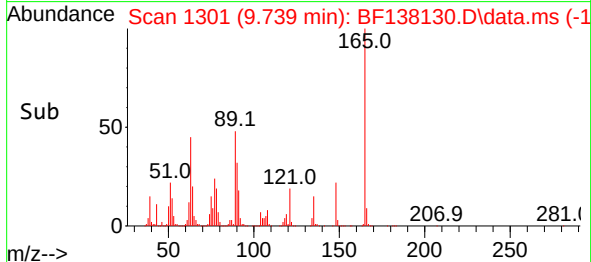
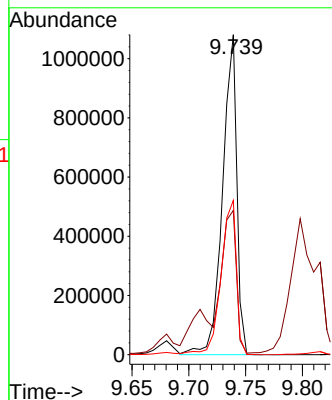
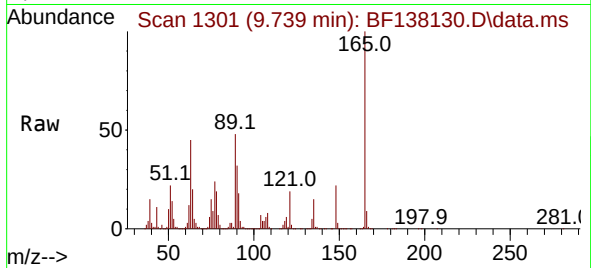




#51
2,6-Dinitrotoluene
Concen: 51.598 ng
RT: 9.739 min Scan# 11
Delta R.T. 0.011 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

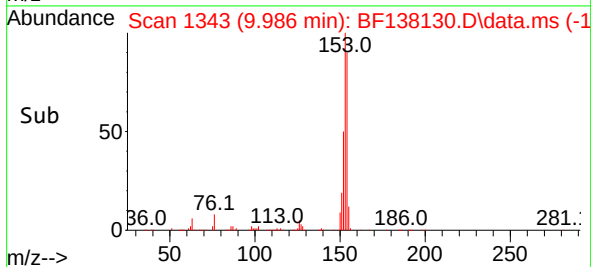
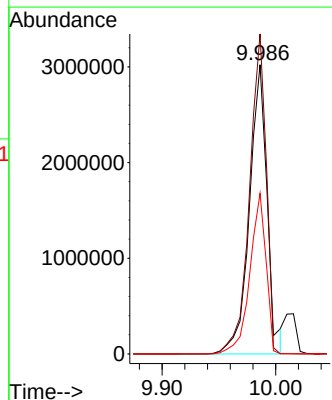
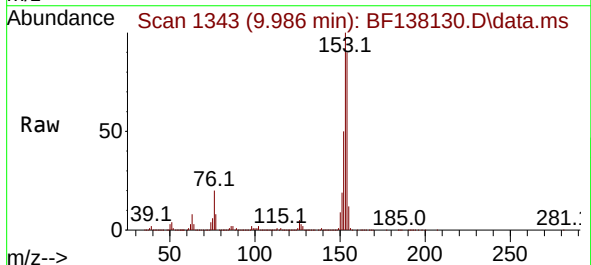
Instrument :
BNA_F
ClientSampleId :
PB161335BS

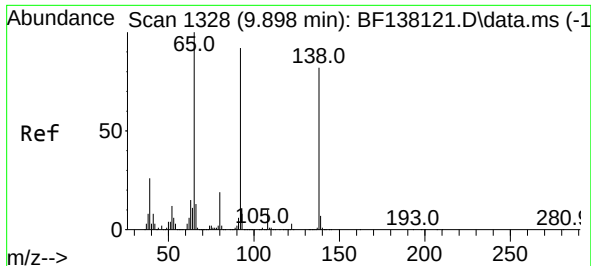
Tgt Ion:165 Resp: 945587
Ion Ratio Lower Upper
165 100
63 45.0 42.9 64.3
89 48.2 45.0 67.4



#52
Acenaphthene
Concen: 45.423 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion:154 Resp: 3249822
Ion Ratio Lower Upper
154 100
153 110.6 87.6 131.4
152 55.5 43.0 64.6

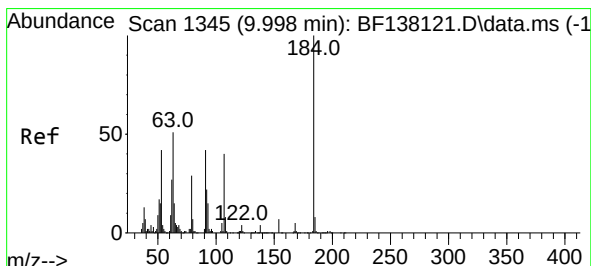
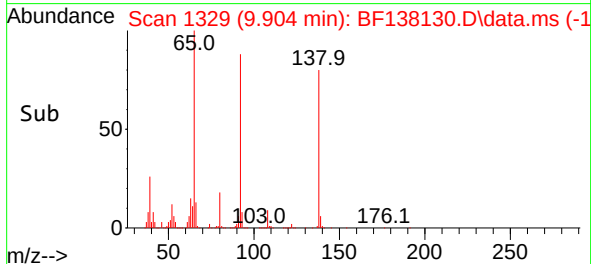
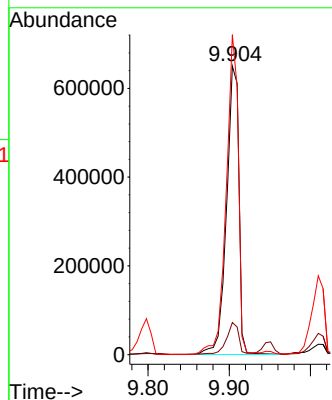
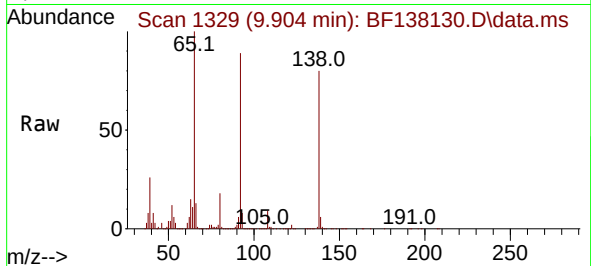




#53
3-Nitroaniline
Concen: 38.398 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

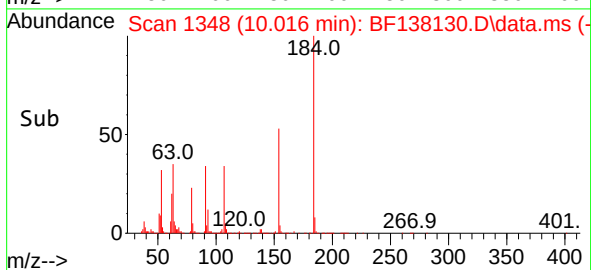
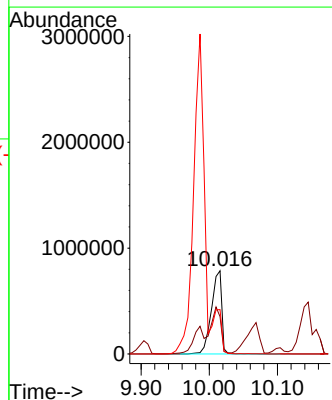
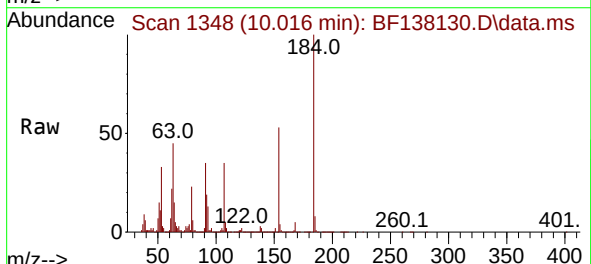
Instrument :
BNA_F
ClientSampleId :
PB161335BS

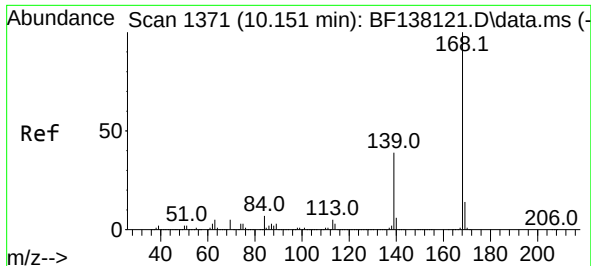
Tgt Ion:138 Resp: 689158
Ion Ratio Lower Upper
138 100
108 11.2 10.3 15.5
92 110.9 89.5 134.3



#54
2,4-Dinitrophenol
Concen: 100.750 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion:184 Resp: 828484
Ion Ratio Lower Upper
184 100
63 44.7 45.4 68.0#
154 53.3 46.0 69.0

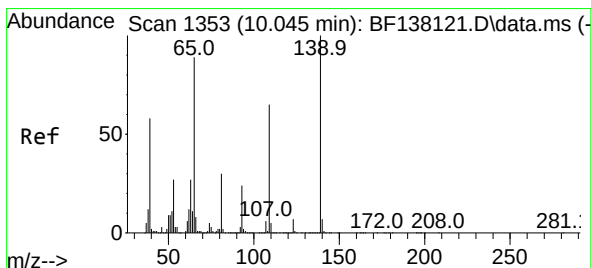
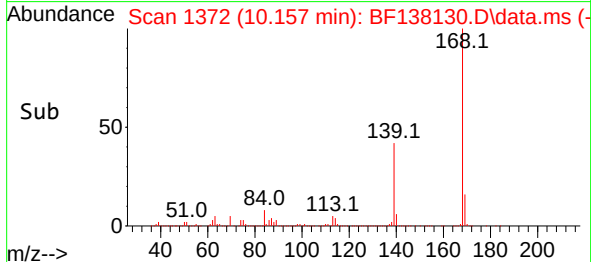
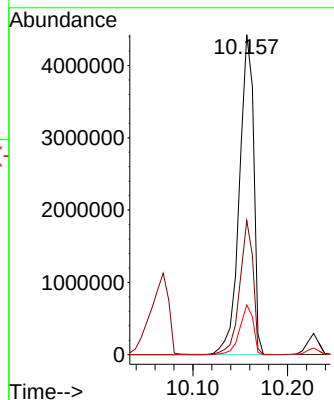
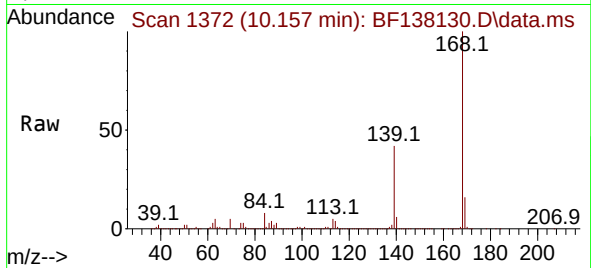




#55
Dibenzenofuran
Concen: 45.649 ng
RT: 10.157 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

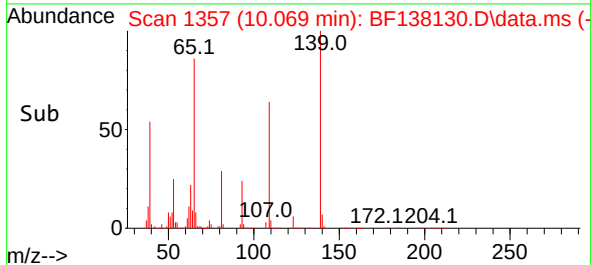
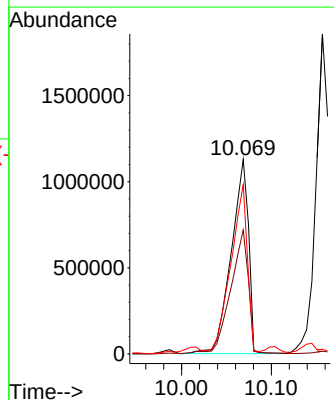
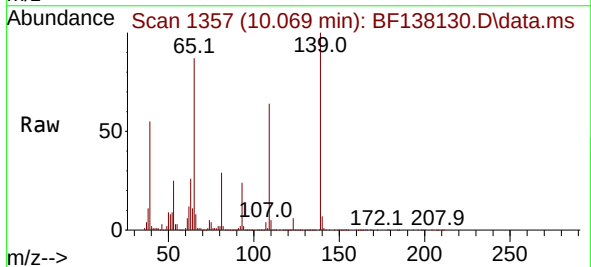
Instrument :
BNA_F
ClientSampleId :
PB161335BS

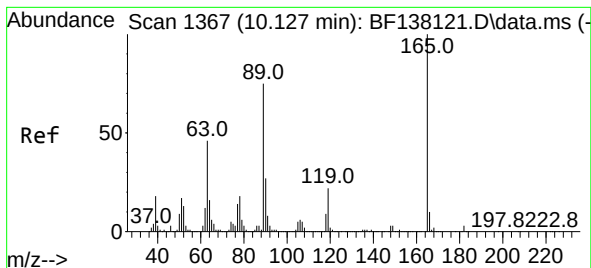
Tgt Ion:168 Resp: 4619530
Ion Ratio Lower Upper
168 100
139 42.0 31.1 46.7
169 15.6 11.6 17.4



#56
4-Nitrophenol
Concen: 118.259 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.024 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion:139 Resp: 1510730
Ion Ratio Lower Upper
139 100
109 63.7 45.5 85.5
65 87.1 69.1 109.1

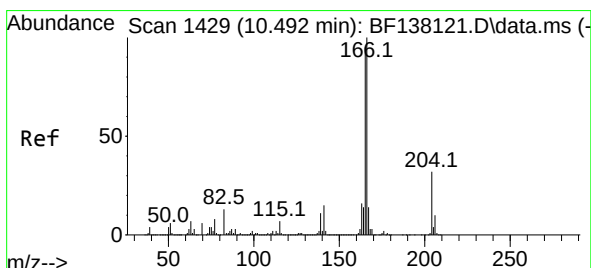
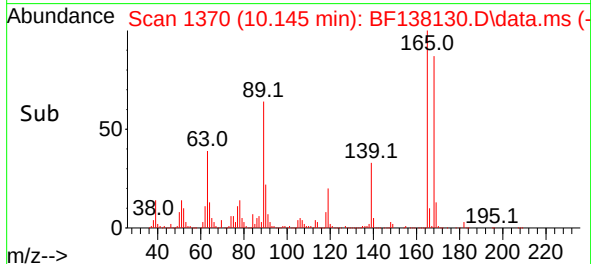
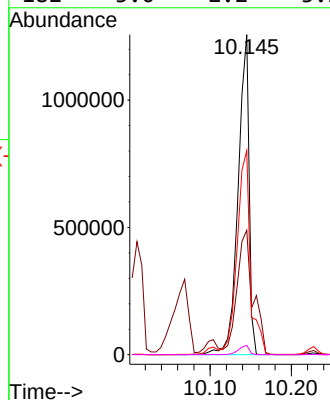
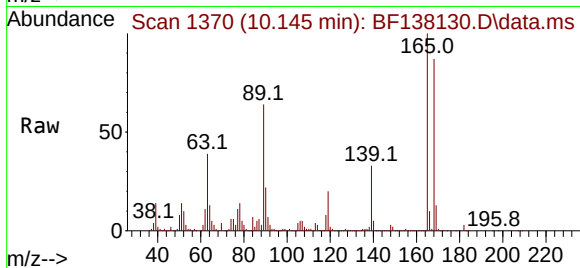




#57
2,4-Dinitrotoluene
Concen: 53.582 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

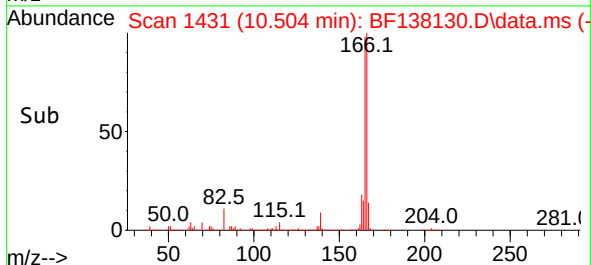
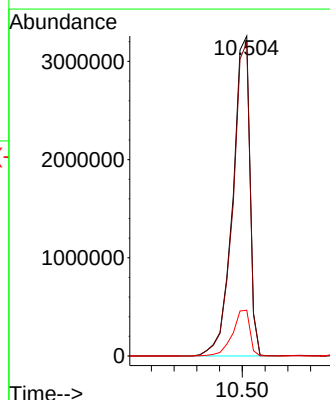
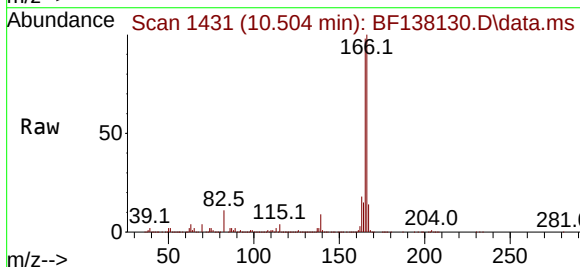
Instrument :
BNA_F
ClientSampleId :
PB161335BS

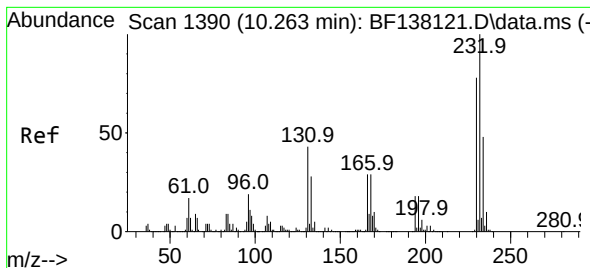
Tgt Ion:165 Resp: 1174351
Ion Ratio Lower Upper
165 100
63 38.9 36.8 55.2
89 63.8 60.2 90.2
182 3.0 2.2 3.2



#58
Fluorene
Concen: 42.470 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.012 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion:166 Resp: 3413696
Ion Ratio Lower Upper
166 100
165 97.9 76.3 114.5
167 14.3 11.2 16.8



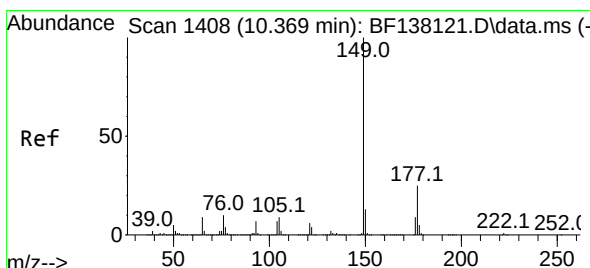
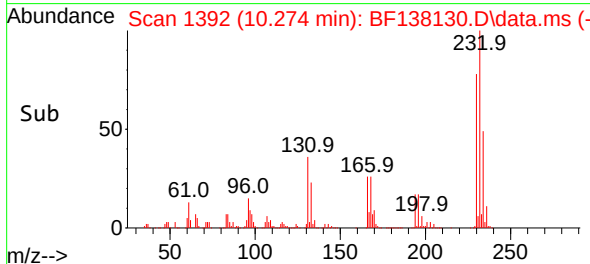
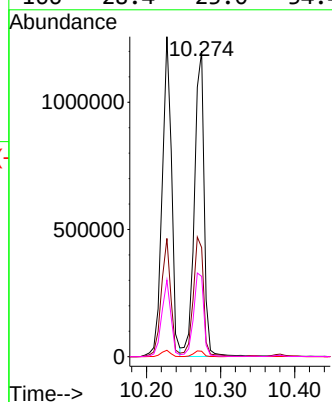
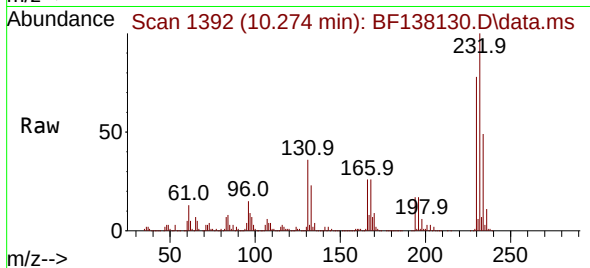


#59
2,3,4,6-Tetrachlorophenol
Concen: 54.858 ng
RT: 10.274 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Instrument :
BNA_F
ClientSampleId :
PB161335BS

Tgt Ion:232 Resp: 1092486

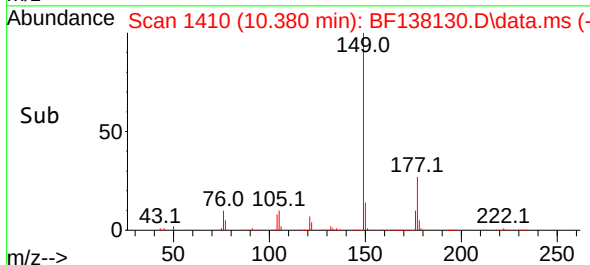
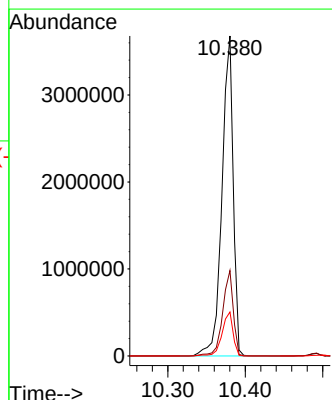
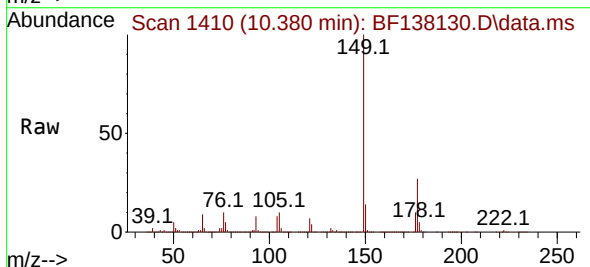
Ion	Ratio	Lower	Upper
232	100		
131	40.9	33.7	50.5
130	2.0	1.7	2.5
166	28.4	23.0	34.4

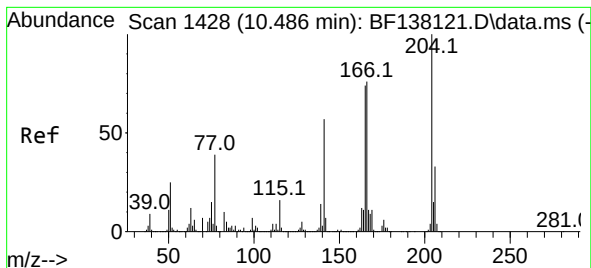


#60
Diethylphthalate
Concen: 45.299 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion:149 Resp: 3714124

Ion	Ratio	Lower	Upper
149	100		
177	26.7	19.9	29.9
150	13.7	10.7	16.1

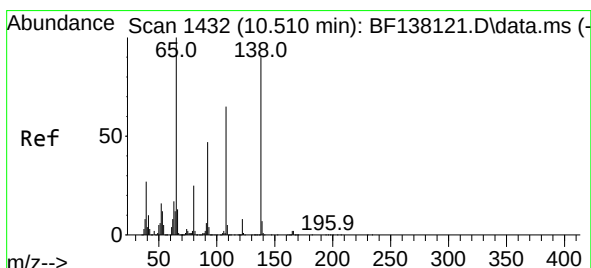
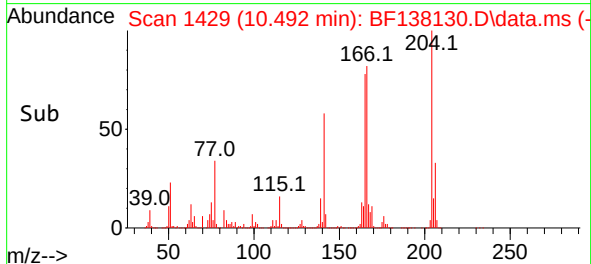
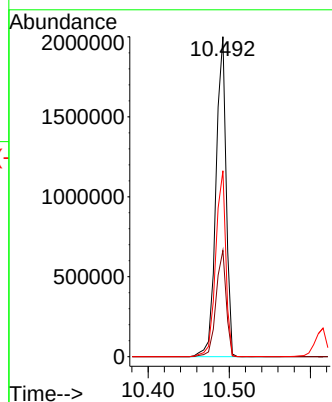
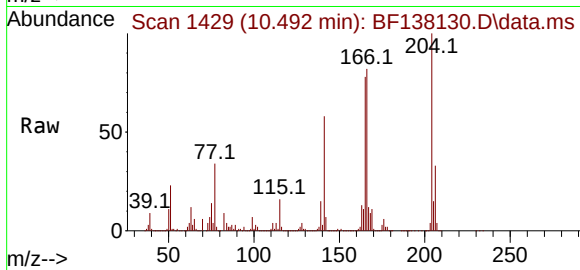




#61
4-Chlorophenyl-phenylether
Concen: 42.606 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

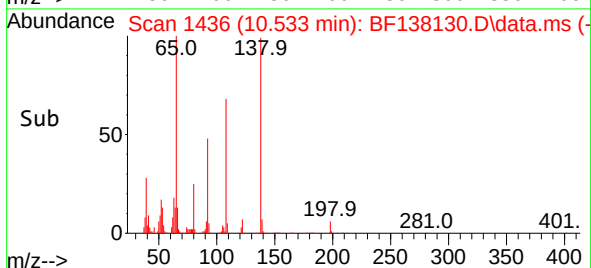
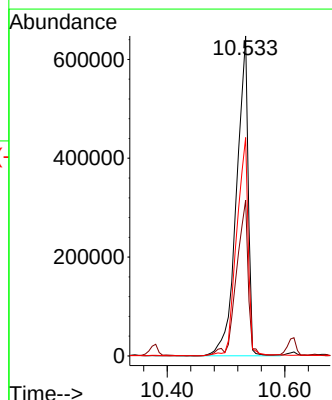
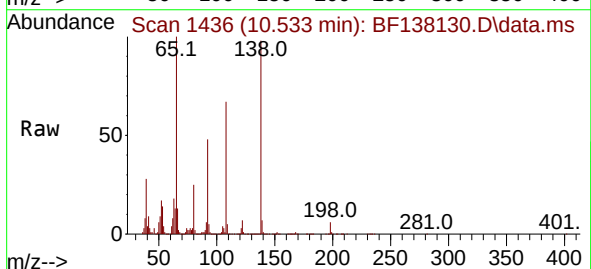
Instrument :
BNA_F
ClientSampleId :
PB161335BS

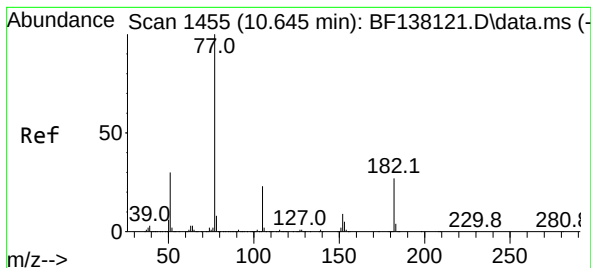
Tgt Ion:204 Resp: 1739825
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 58.1 45.2 67.8



#62
4-Nitroaniline
Concen: 56.839 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.023 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion:138 Resp: 891082
Ion Ratio Lower Upper
138 100
92 48.7 32.3 72.3
108 68.3 53.0 93.0





#63

Azobenzene

Concen: 44.645 ng

RT: 10.651 min Scan# 1456

Delta R.T. 0.006 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB161335BS

Tgt Ion: 77 Resp: 3525710

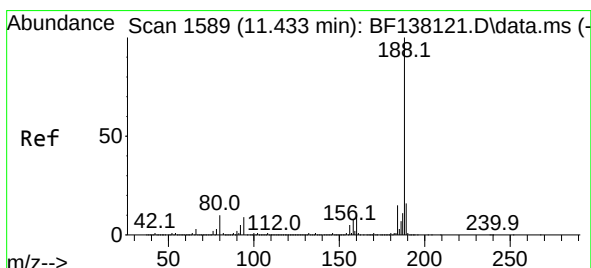
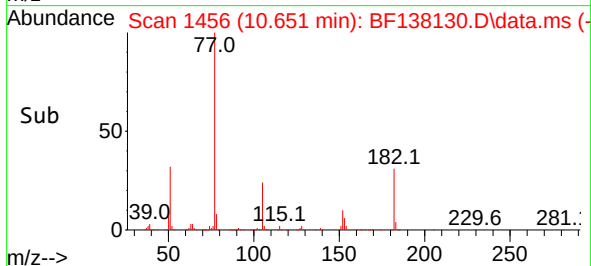
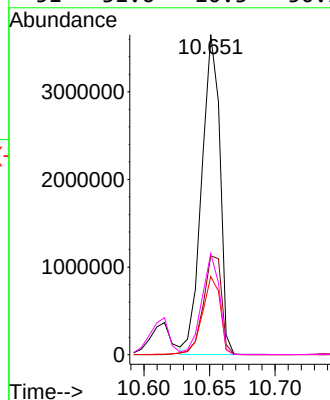
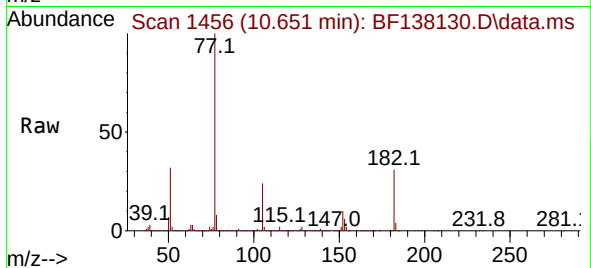
Ion Ratio Lower Upper

77 100

182 30.9 7.2 47.2

105 24.4 3.0 43.0

51 31.6 10.3 50.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1589

Delta R.T. -0.000 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

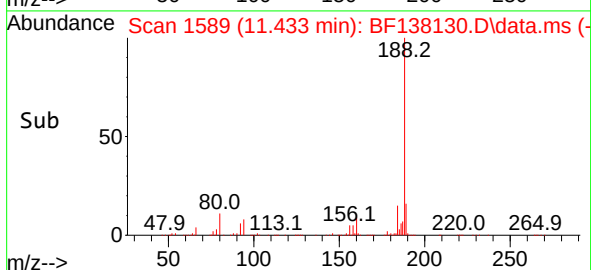
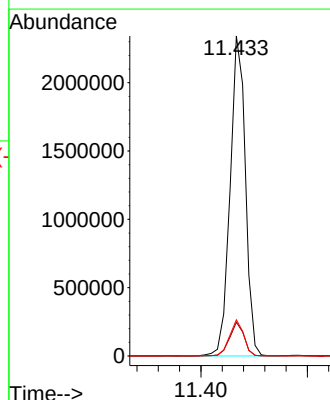
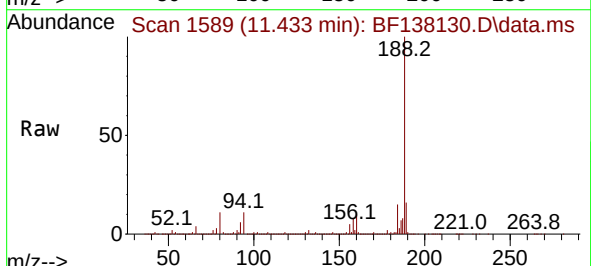
Tgt Ion: 188 Resp: 2339390

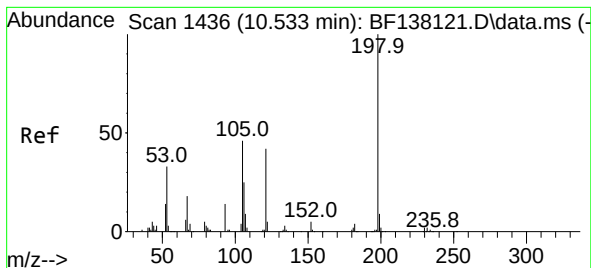
Ion Ratio Lower Upper

188 100

94 10.5 7.4 11.2

80 11.3 7.7 11.5

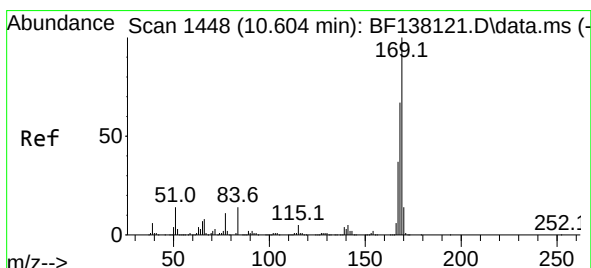
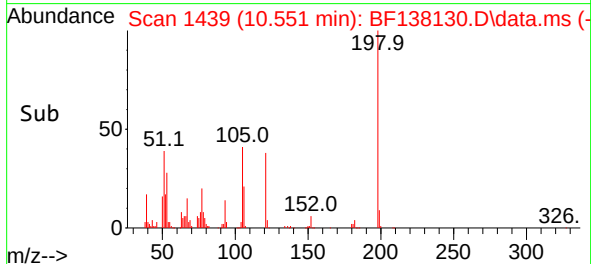
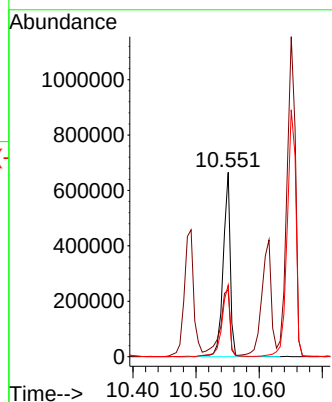
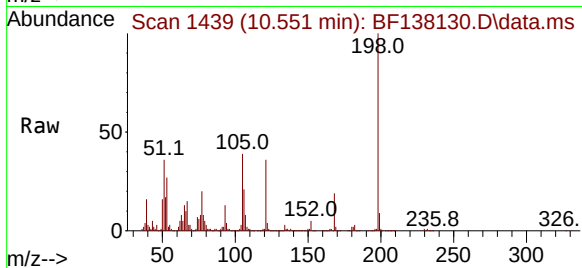




#65
4,6-Dinitro-2-methylphenol
Concen: 56.024 ng
RT: 10.551 min Scan# 1436
Delta R.T. 0.018 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

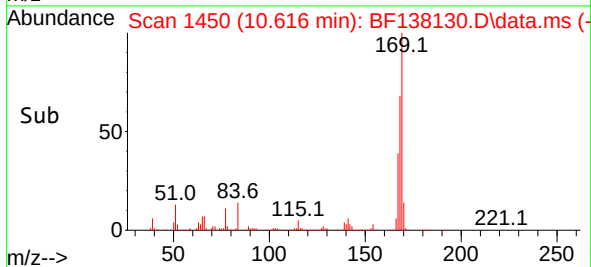
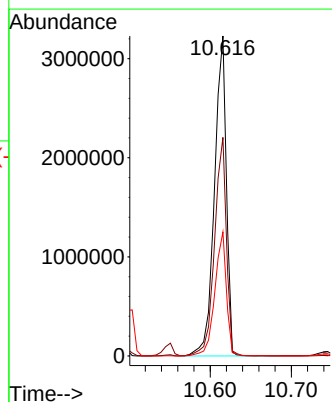
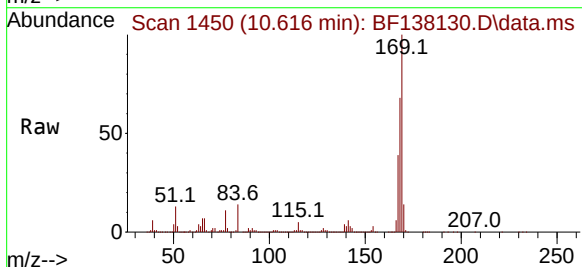
Instrument :
BNA_F
ClientSampleId :
PB161335BS

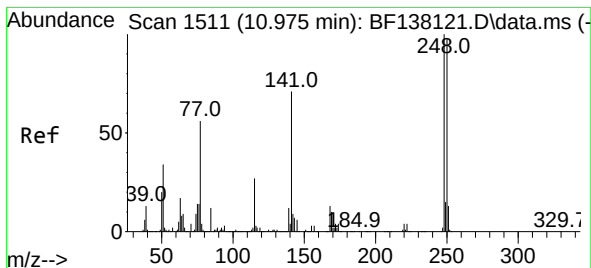
Tgt Ion:198 Resp: 520121
Ion Ratio Lower Upper
198 100
51 36.3 28.2 68.2
105 38.8 26.8 66.8



#66
n-Nitrosodiphenylamine
Concen: 46.911 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.012 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion:169 Resp: 3277171
Ion Ratio Lower Upper
169 100
168 68.3 53.4 80.2
167 38.8 29.8 44.6

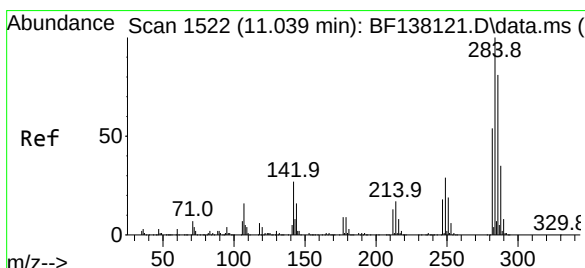
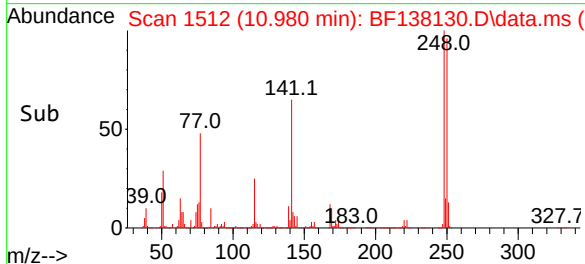
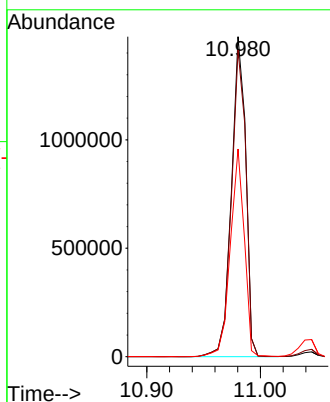
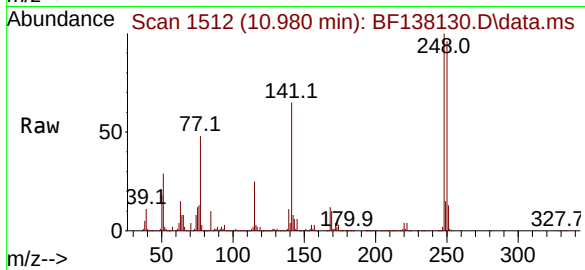




#67
4-Bromophenyl-phenylether
Concen: 48.424 ng
RT: 10.980 min Scan# 1512
Delta R.T. 0.006 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

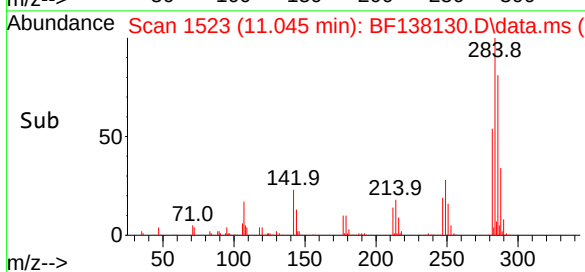
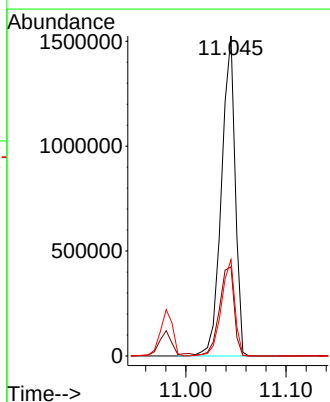
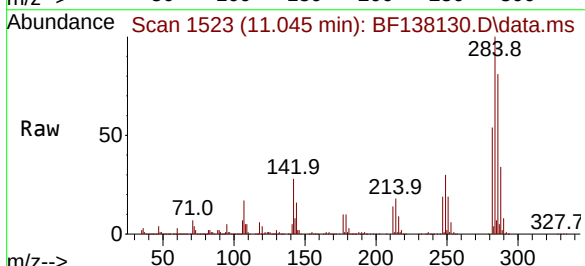
Instrument :
BNA_F
ClientSampleId :
PB161335BS

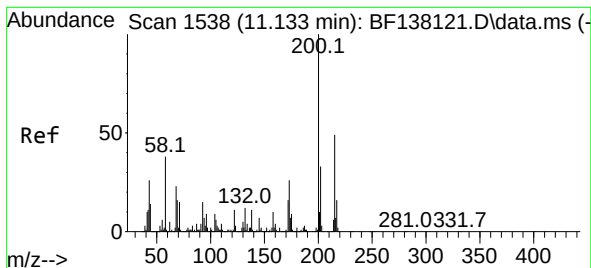
Tgt Ion:248 Resp: 1289862
Ion Ratio Lower Upper
248 100
250 95.9 78.7 118.1
141 64.9 56.5 84.7



#68
Hexachlorobenzene
Concen: 46.636 ng
RT: 11.045 min Scan# 1523
Delta R.T. 0.006 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion:284 Resp: 1444174
Ion Ratio Lower Upper
284 100
142 27.9 21.4 32.0
249 30.1 23.3 34.9





#69

Atrazine

Concen: 28.137 ng

RT: 11.139 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB161335BS

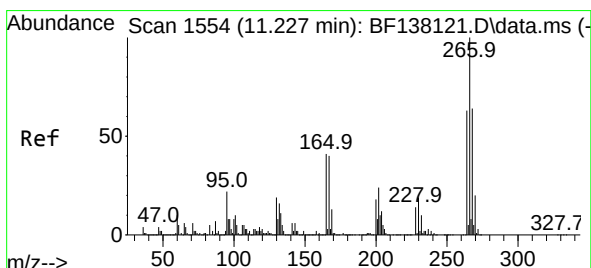
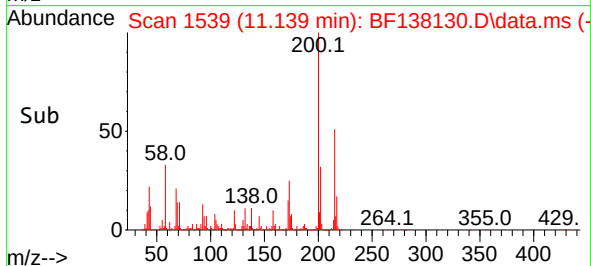
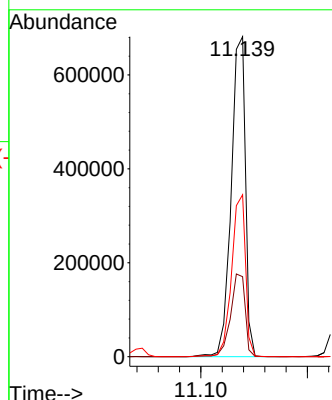
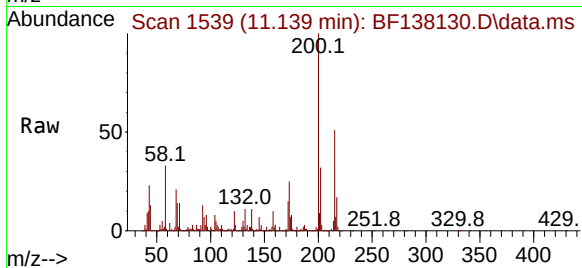
Tgt Ion:200 Resp: 632417

Ion Ratio Lower Upper

200 100

173 25.0 5.7 45.7

215 50.6 29.4 69.4



#70

Pentachlorophenol

Concen: 97.466 ng

RT: 11.239 min Scan# 1556

Delta R.T. 0.012 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

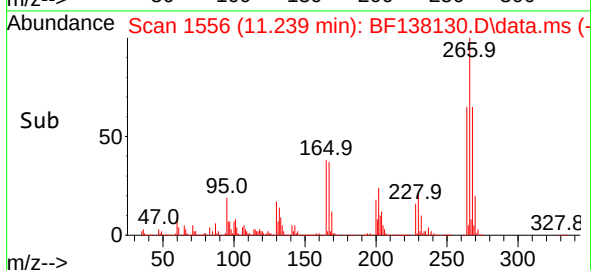
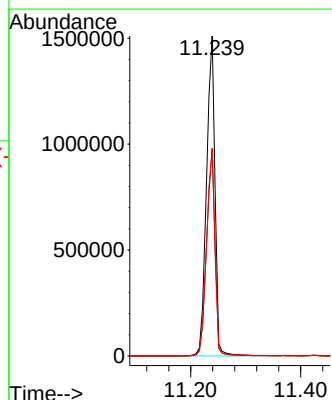
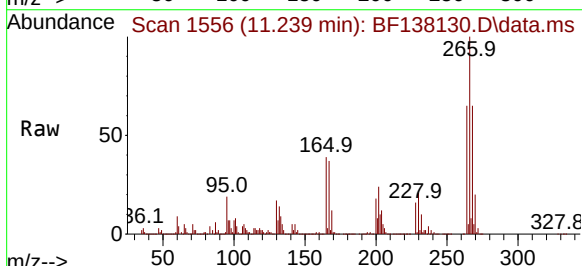
Tgt Ion:266 Resp: 1615689

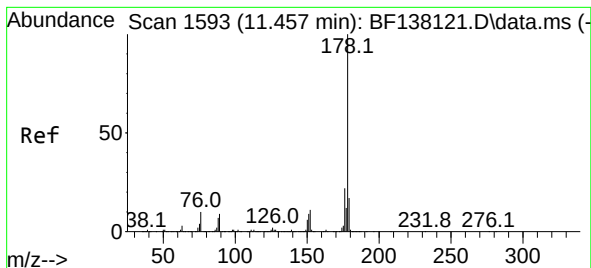
Ion Ratio Lower Upper

266 100

268 64.9 51.4 77.0

264 64.7 50.1 75.1





#71

Phenanthrene

Concen: 44.205 ng

RT: 11.463 min Scan# 1593

Delta R.T. 0.006 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB161335BS

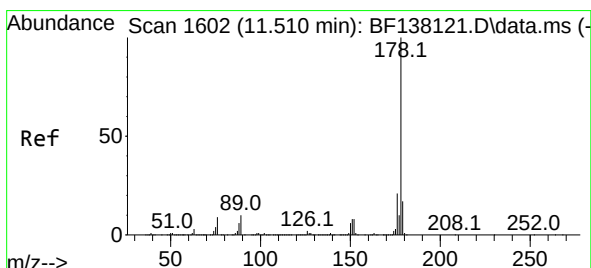
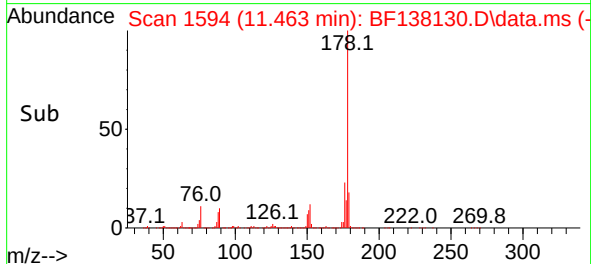
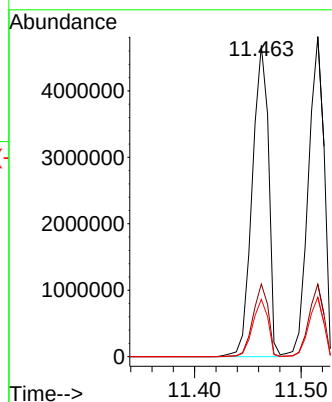
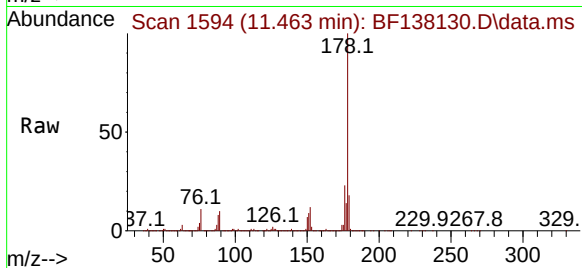
Tgt Ion:178 Resp: 4978365

Ion Ratio Lower Upper

178 100

176 23.3 17.2 25.8

179 18.4 13.6 20.4



#72

Anthracene

Concen: 44.044 ng

RT: 11.516 min Scan# 1603

Delta R.T. 0.006 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

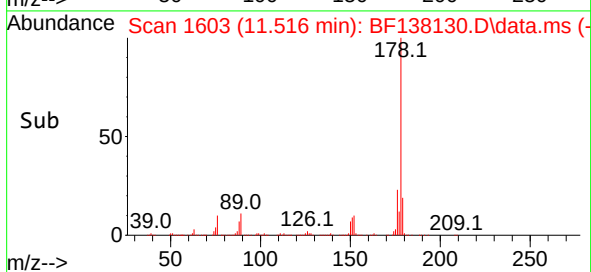
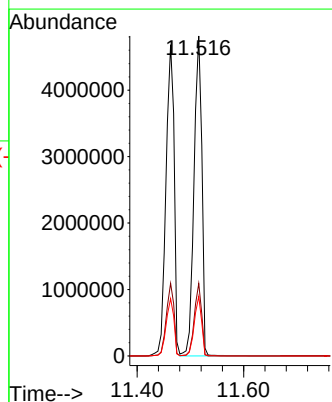
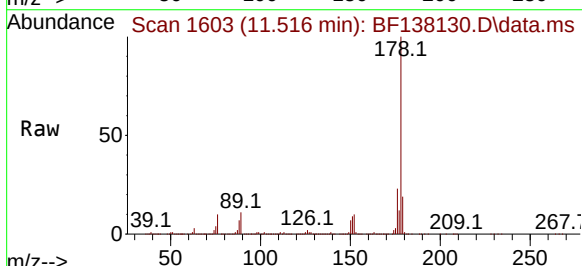
Tgt Ion:178 Resp: 4947207

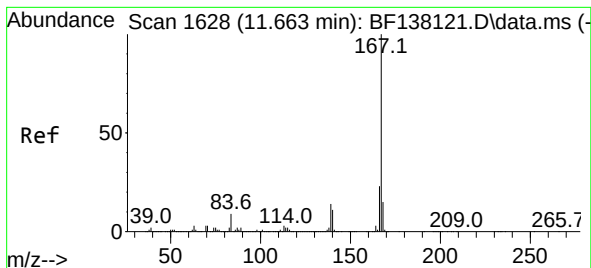
Ion Ratio Lower Upper

178 100

176 22.7 16.5 24.7

179 18.6 13.6 20.4





#73

Carbazole

Concen: 43.023 ng

RT: 11.669 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB161335BS

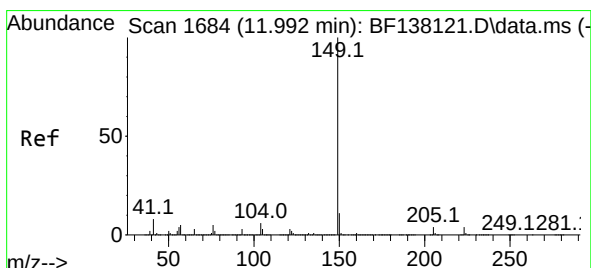
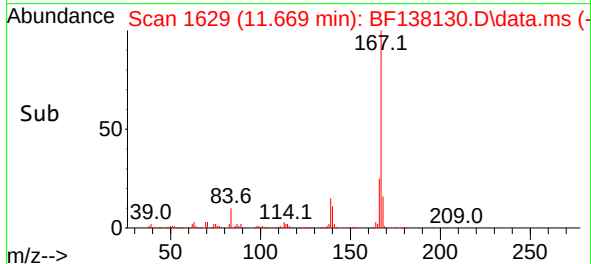
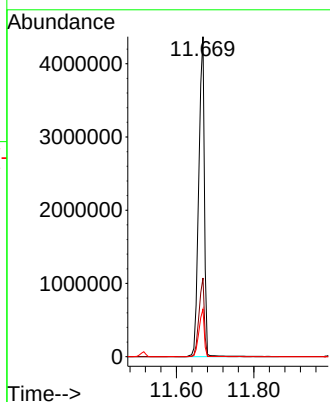
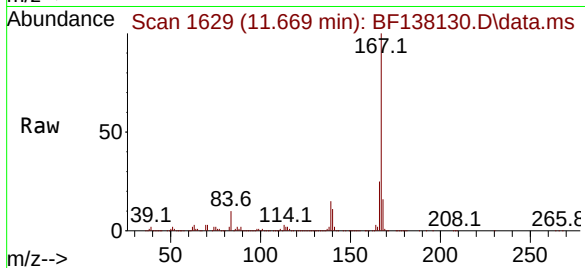
Tgt Ion:167 Resp: 4419397

Ion Ratio Lower Upper

167 100

166 24.6 18.6 27.8

139 14.9 11.0 16.6



#74

Di-n-butylphthalate

Concen: 42.068 ng

RT: 11.998 min Scan# 1685

Delta R.T. 0.006 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

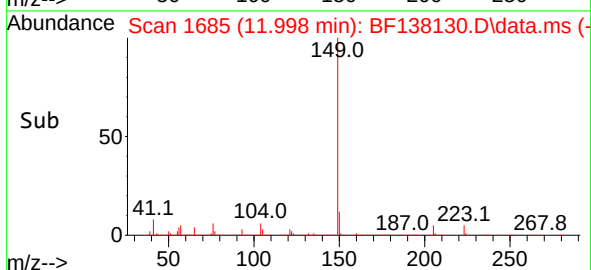
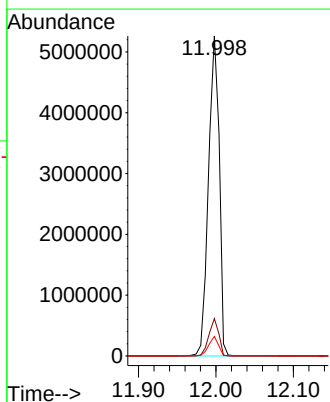
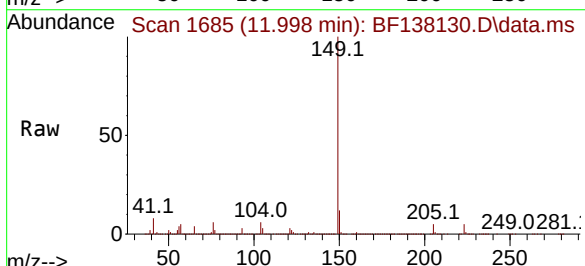
Tgt Ion:149 Resp: 5079352

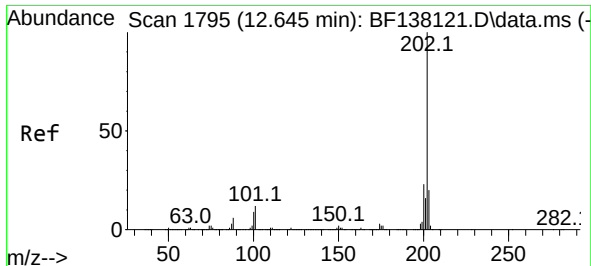
Ion Ratio Lower Upper

149 100

150 11.7 8.5 12.7

104 6.1 4.4 6.6

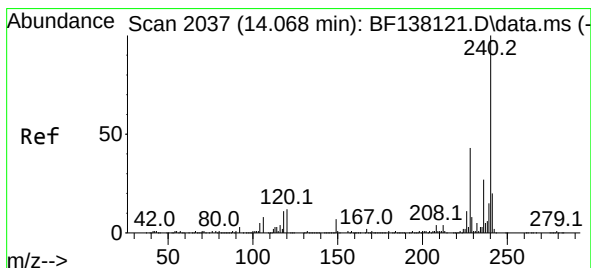
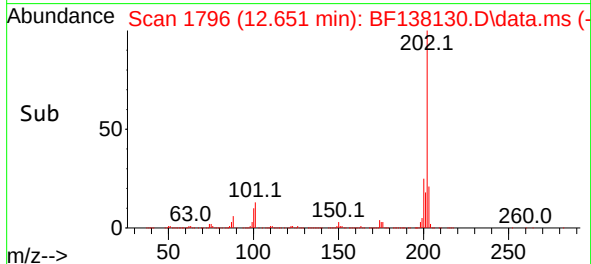
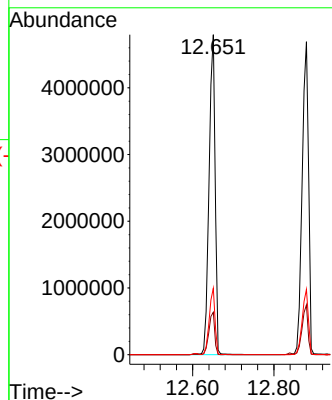
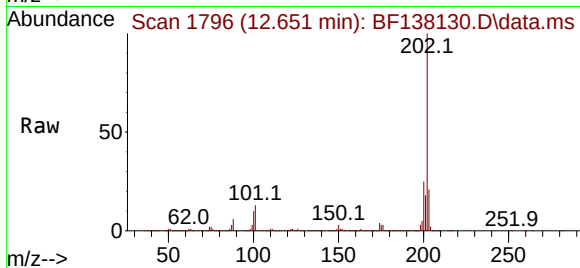




#75
Fluoranthene
Concen: 40.901 ng
RT: 12.651 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

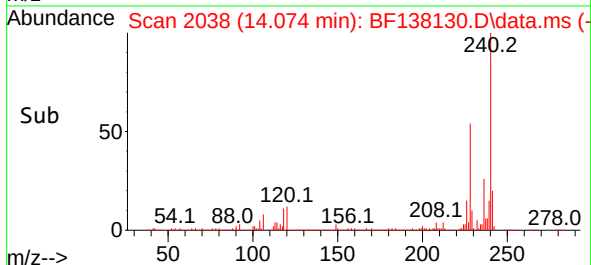
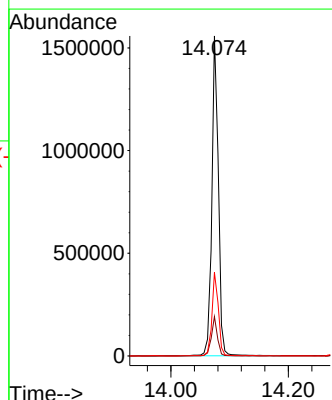
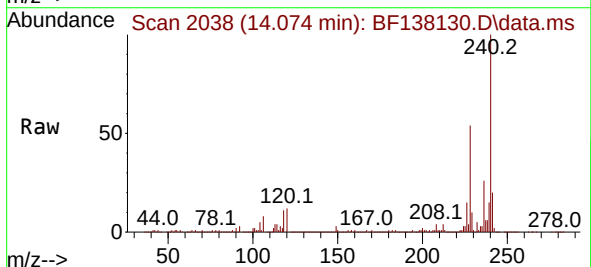
Instrument :
BNA_F
ClientSampleId :
PB161335BS

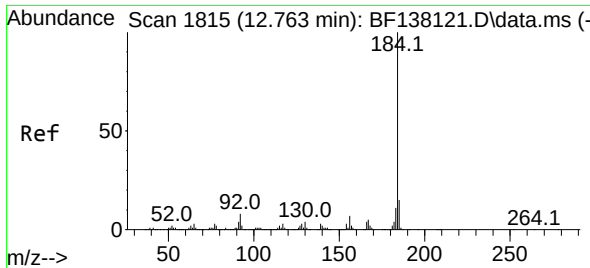
Tgt Ion:202 Resp: 4970029
Ion Ratio Lower Upper
202 100
101 13.3 0.0 32.2
203 20.7 0.0 39.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion:240 Resp: 1194195
Ion Ratio Lower Upper
240 100
120 12.3 9.8 14.8
236 26.1 21.2 31.8

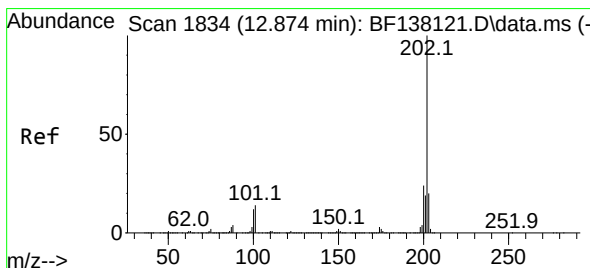
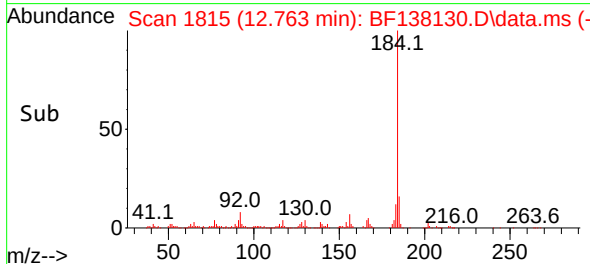
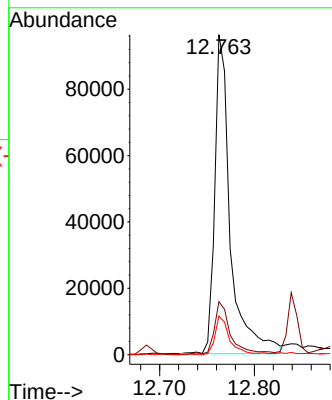
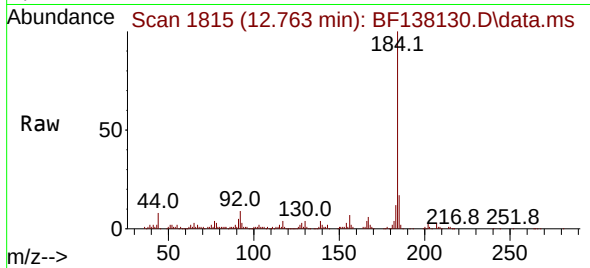




#77
Benzidine
Concen: 8.937 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

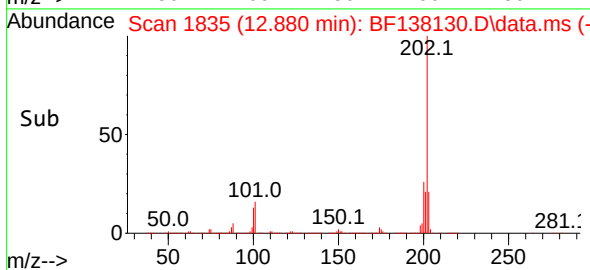
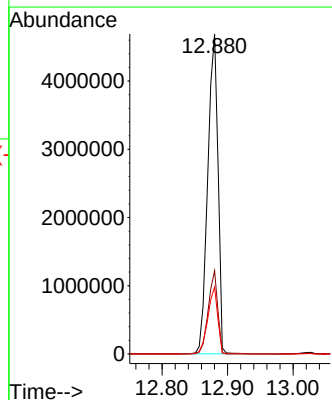
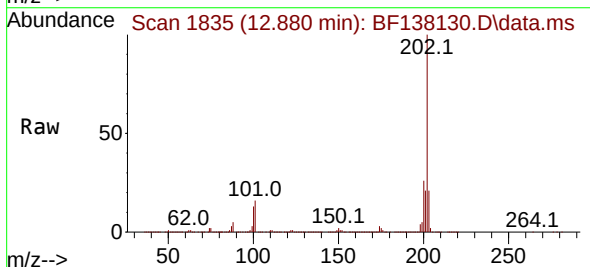
Instrument :
BNA_F
ClientSampleId :
PB161335BS

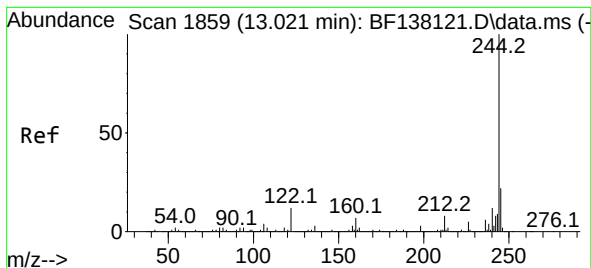
Tgt Ion:184 Resp: 109825
Ion Ratio Lower Upper
184 100
185 16.5 12.2 18.2
183 12.0 9.0 13.4



#78
Pyrene
Concen: 47.236 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.006 min
Lab File: BF138130.D
Acq: 06 Jun 2024 12:32

Tgt Ion:202 Resp: 5101522
Ion Ratio Lower Upper
202 100
200 26.0 19.1 28.7
203 20.9 15.6 23.4





#79

Terphenyl-d14

Concen: 83.019 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.006 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB161335BS

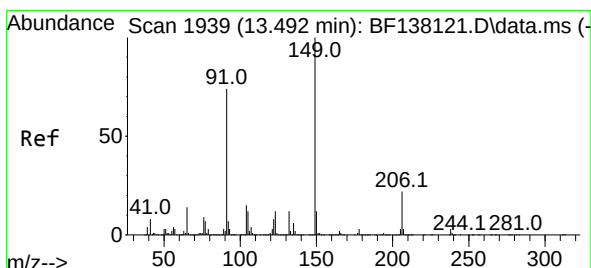
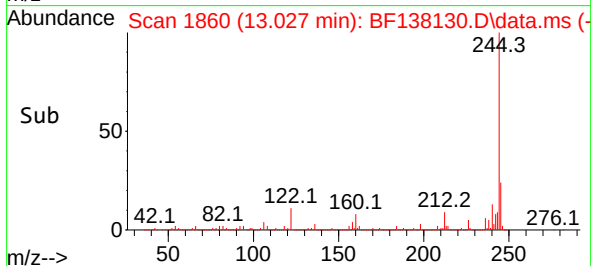
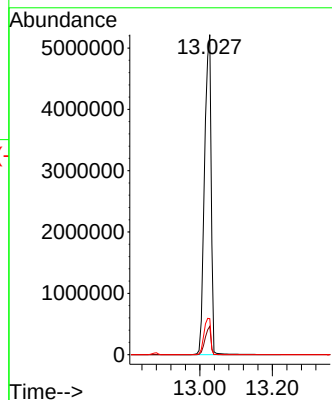
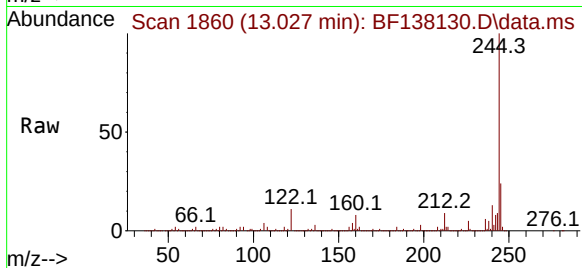
Tgt Ion:244 Resp: 6628269

Ion Ratio Lower Upper

244 100

212 8.9 6.4 9.6

122 11.3 9.4 14.2



#80

Butylbenzylphthalate

Concen: 55.506 ng

RT: 13.498 min Scan# 1940

Delta R.T. 0.006 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

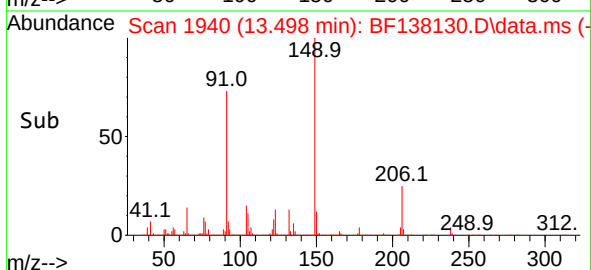
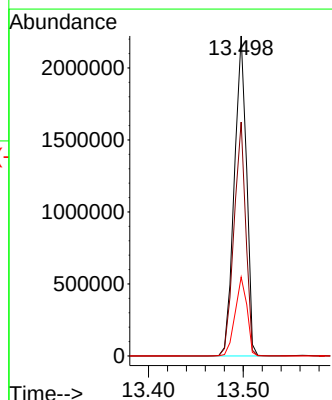
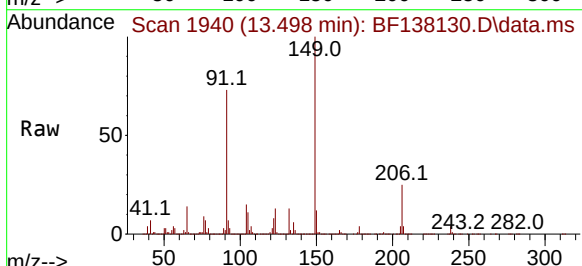
Tgt Ion:149 Resp: 1979521

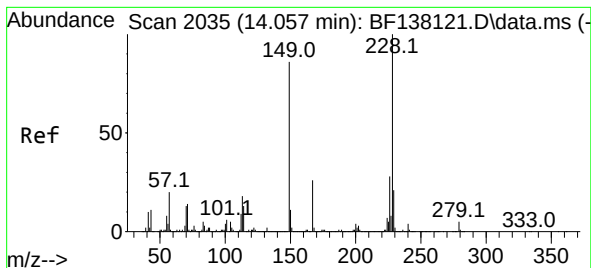
Ion Ratio Lower Upper

149 100

91 73.1 59.6 89.4

206 24.7 17.8 26.6





#81

Benzo(a)anthracene

Concen: 45.223 ng

RT: 14.068 min Scan# 2035

Delta R.T. 0.012 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB161335BS

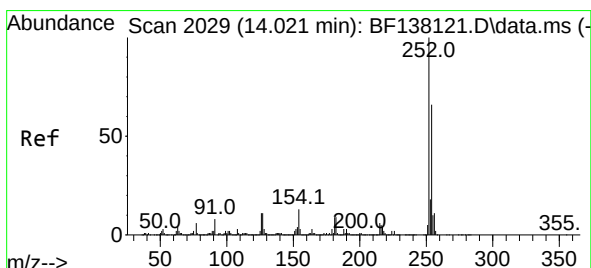
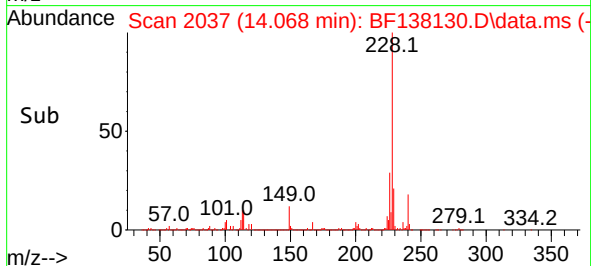
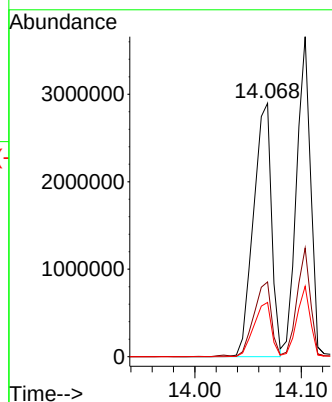
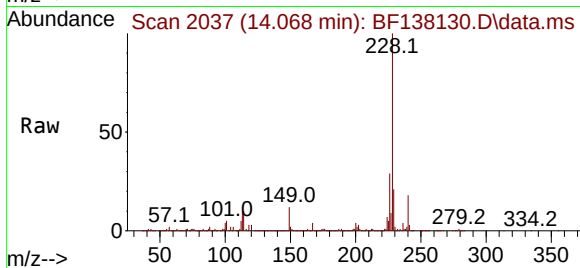
Tgt Ion:228 Resp: 3407268

Ion Ratio Lower Upper

228 100

226 29.5 22.7 34.1

229 21.4 16.7 25.1



#82

3,3'-Dichlorobenzidine

Concen: 46.730 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.006 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

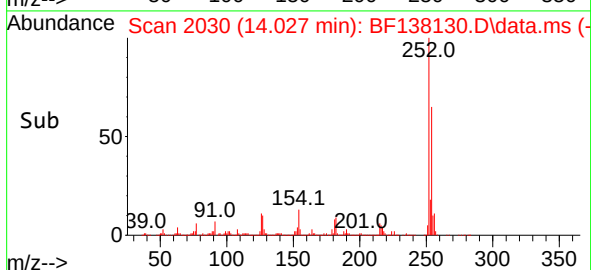
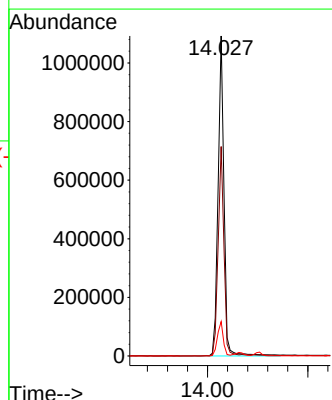
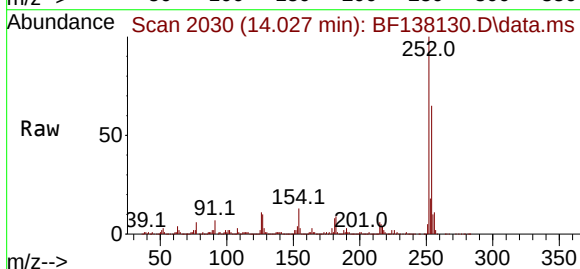
Tgt Ion:252 Resp: 892377

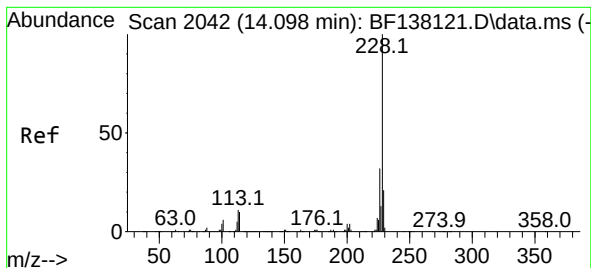
Ion Ratio Lower Upper

252 100

254 65.4 52.9 79.3

126 10.7 8.8 13.2





#83

Chrysene

Concen: 46.785 ng

RT: 14.104 min Scan# 2043

Delta R.T. 0.006 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB161335BS

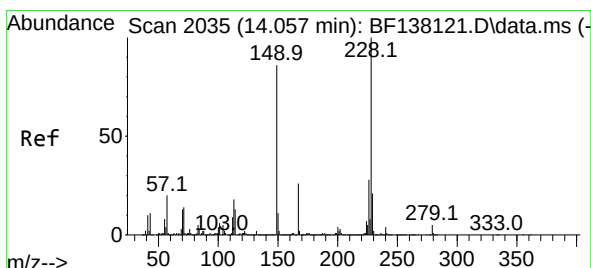
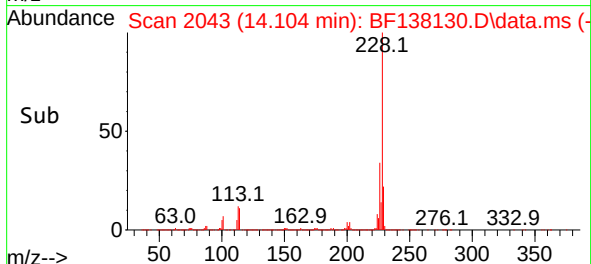
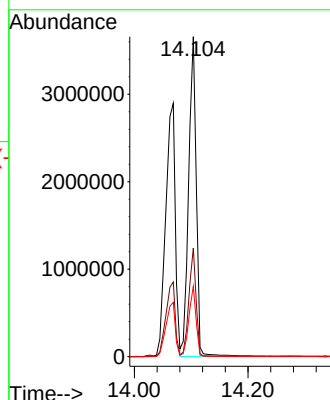
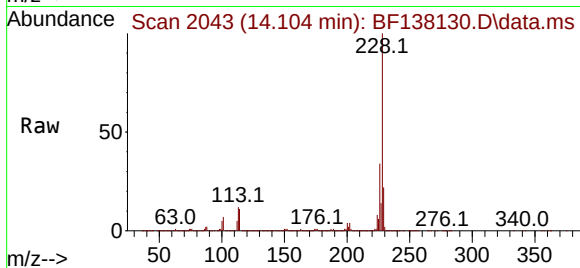
Tgt Ion:228 Resp: 3382938

Ion Ratio Lower Upper

228 100

226 33.9 25.6 38.4

229 22.0 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.865 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

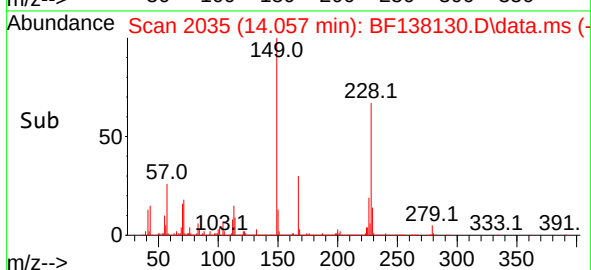
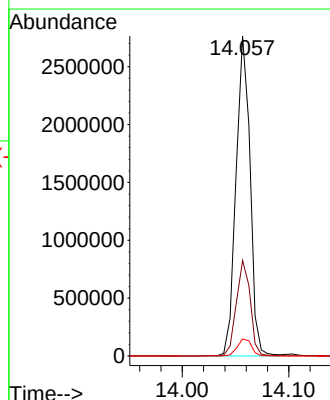
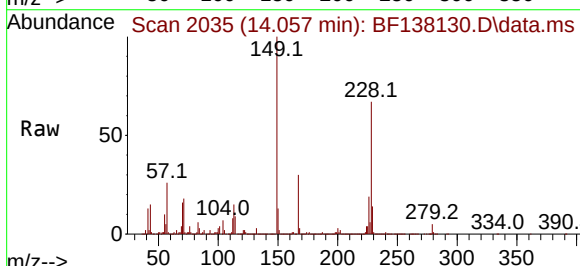
Tgt Ion:149 Resp: 2538933

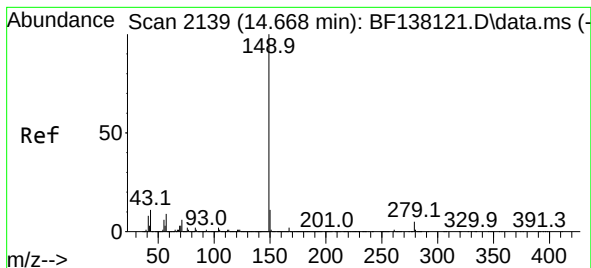
Ion Ratio Lower Upper

149 100

167 29.8 24.2 36.2

279 5.3 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 53.140 ng

RT: 14.674 min Scan# 2139

Delta R.T. 0.006 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB161335BS

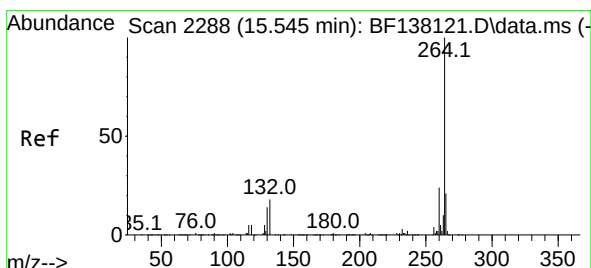
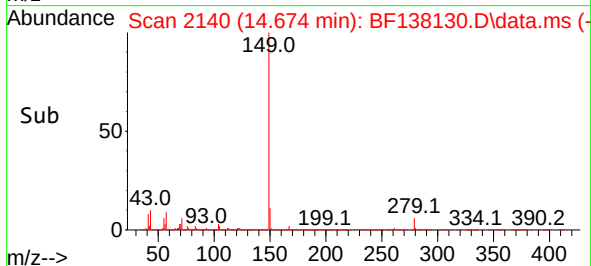
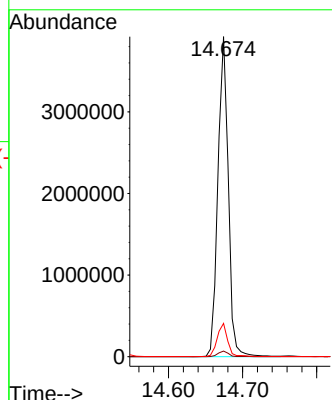
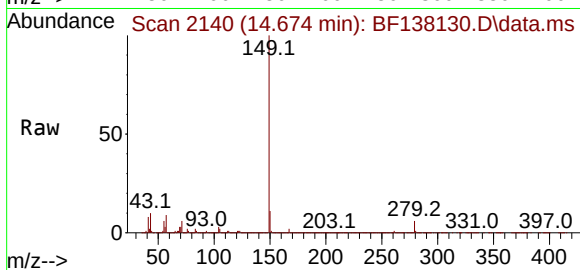
Tgt Ion:149 Resp: 3800576

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 10.5 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2289

Delta R.T. 0.006 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

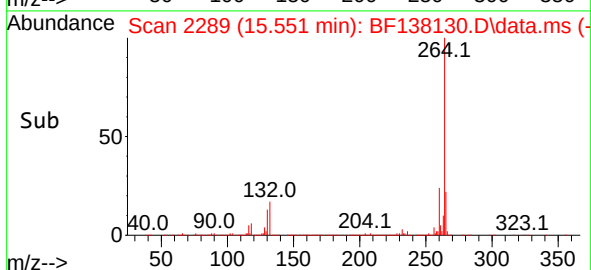
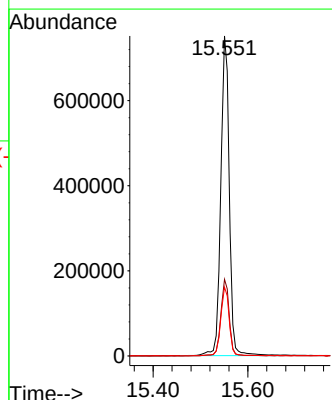
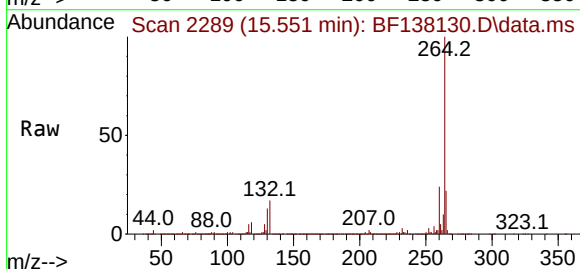
Tgt Ion:264 Resp: 934000

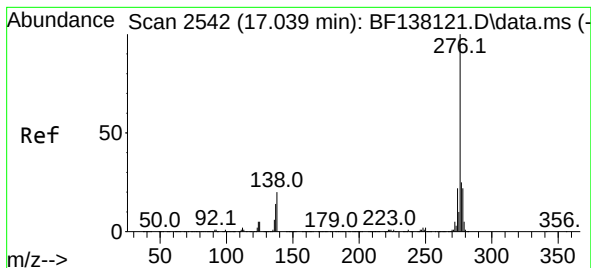
Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.5 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.442 ng

RT: 17.051 min Scan# 21

Delta R.T. 0.011 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB161335BS

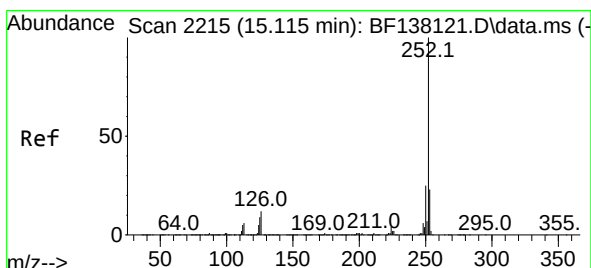
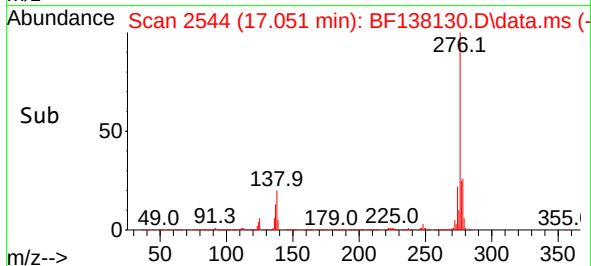
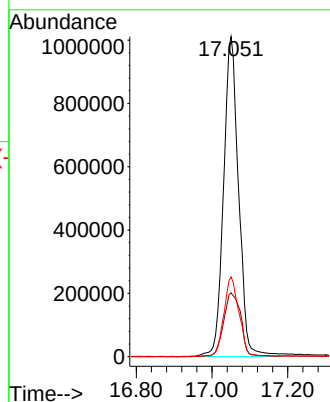
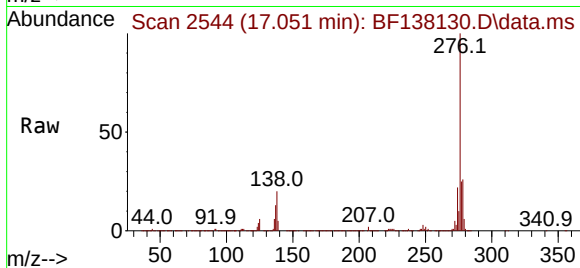
Tgt Ion:276 Resp: 2794078

Ion Ratio Lower Upper

276 100

138 22.9 18.9 28.3

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 51.012 ng

RT: 15.121 min Scan# 2216

Delta R.T. 0.006 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

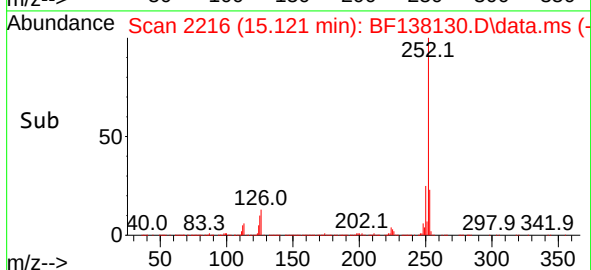
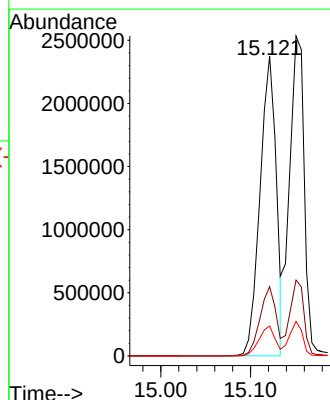
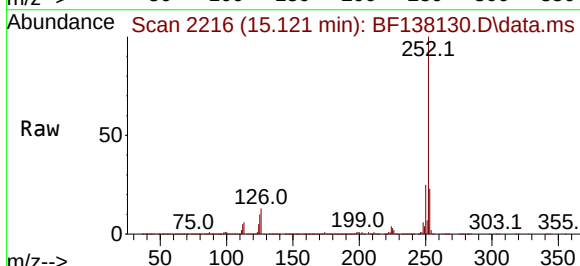
Tgt Ion:252 Resp: 2995219

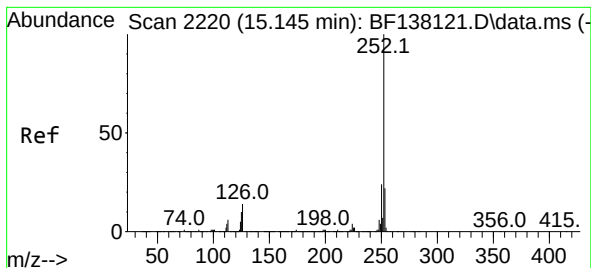
Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

125 10.0 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 52.452 ng

RT: 15.151 min Scan# 2221

Delta R.T. 0.006 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB161335BS

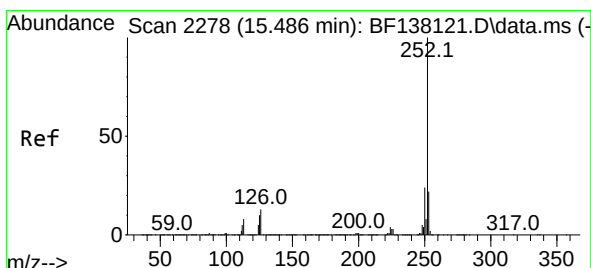
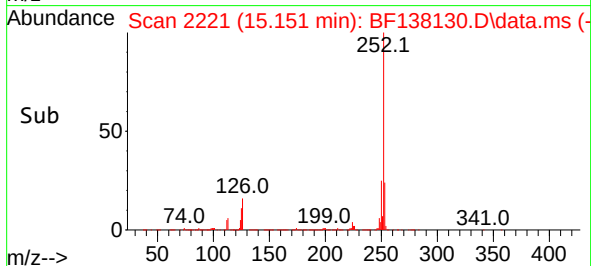
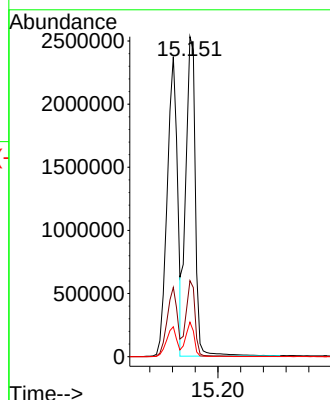
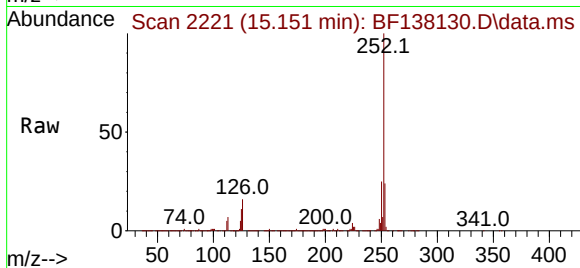
Tgt Ion:252 Resp: 2936978

Ion Ratio Lower Upper

252 100

253 23.8 17.8 26.6

125 10.8 7.8 11.6



#90

Benzo(a)pyrene

Concen: 56.262 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.006 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

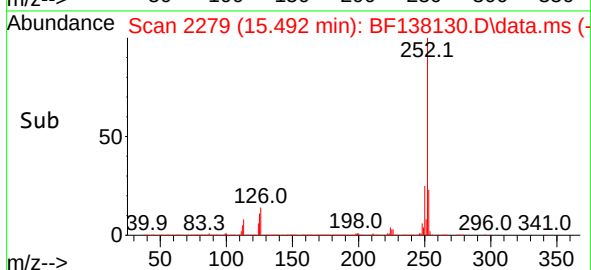
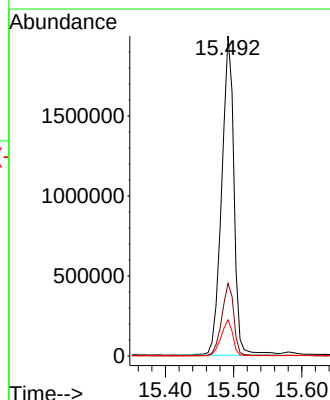
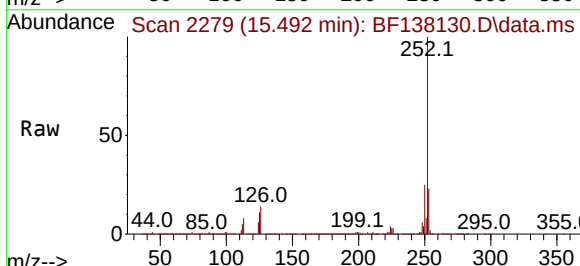
Tgt Ion:252 Resp: 2501886

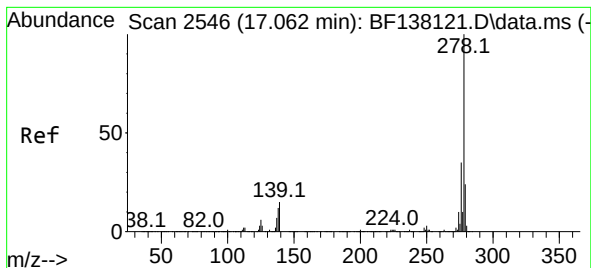
Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

125 11.3 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 55.137 ng

RT: 17.074 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB161335BS

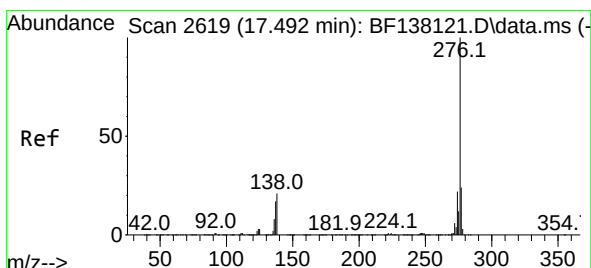
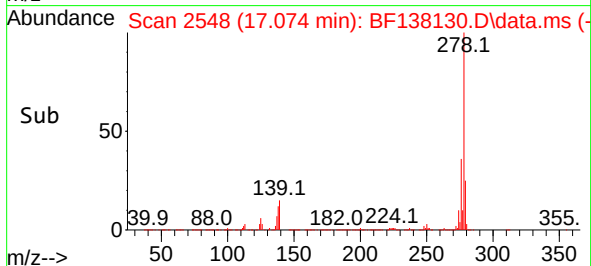
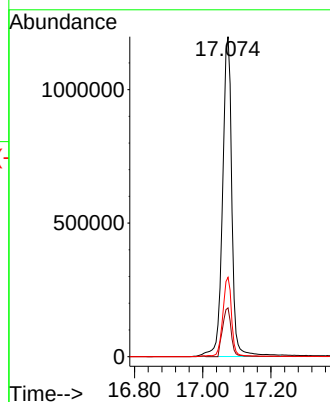
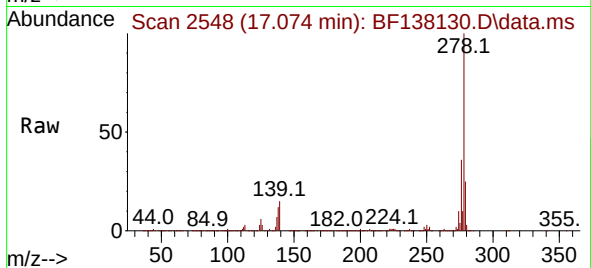
Tgt Ion:278 Resp: 2266628

Ion Ratio Lower Upper

278 100

139 15.3 11.7 17.5

279 24.8 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 53.580 ng

RT: 17.509 min Scan# 2622

Delta R.T. 0.017 min

Lab File: BF138130.D

Acq: 06 Jun 2024 12:32

Tgt Ion:276 Resp: 2278515

Ion Ratio Lower Upper

276 100

277 24.5 19.0 28.4

138 19.2 16.5 24.7

