

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
 Data File : BF138132.D
 Acq On : 06 Jun 2024 14:36
 Operator : CG\JU
 Sample : PB161196BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161196BS

Quant Time: Jun 06 15:33:46 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	6.904	152	534062	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	2178234	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	1239306	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	2107693	20.000	ng	0.00
76) Chrysene-d12	14.074	240	1133130	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	862304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	3770935	120.334	ng	0.02
7) Phenol-d6	6.539	99	4863994	122.677	ng	0.00
23) Nitrobenzene-d5	7.475	82	2998732	93.666	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	1507730	126.416	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	5469727	77.172	ng	0.00
79) Terphenyl-d14	13.021	244	5917692	78.114	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.887	88	462044	32.170	ng	99
3) Pyridine	3.616	79	1132205	32.171	ng	98
4) n-Nitrosodimethylamine	3.581	42	727924	42.133	ng	95
6) Aniline	6.569	93	1227913	30.544	ng	100
8) 2-Chlorophenol	6.692	128	1584685	46.743	ng	98
10) Phenol	6.557	94	1890242	46.403	ng	99
11) bis(2-Chloroethyl)ether	6.645	93	1422290	43.554	ng	98
12) 1,3-Dichlorobenzene	6.851	146	1586071	40.831	ng	99
13) 1,4-Dichlorobenzene	6.928	146	1609842	41.150	ng	100
14) 1,2-Dichlorobenzene	7.075	146	1560859	42.504	ng	99
15) Benzyl Alcohol	7.051	79	1270432	45.285	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	2052711	42.818	ng	97
17) 2-Methylphenol	7.157	107	1233048	44.935	ng	99
18) Hexachloroethane	7.422	117	567691	42.516	ng	96
19) n-Nitroso-di-n-propyla...	7.328	70	1080938	42.756	ng	98
20) 3+4-Methylphenols	7.316	107	1486577	43.537	ng	92
22) Acetophenone	7.322	105	2018064	40.244	ng	96
24) Nitrobenzene	7.492	77	1559687	44.721	ng	100
25) Isophorone	7.733	82	2914462	41.322	ng	98
26) 2-Nitrophenol	7.804	139	758972	50.907	ng	99
27) 2,4-Dimethylphenol	7.839	122	1189869	48.568	ng	98
28) bis(2-Chloroethoxy)met...	7.939	93	1801096	41.923	ng	100
29) 2,4-Dichlorophenol	8.045	162	1349366	45.698	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	1451334	40.736	ng	98
31) Naphthalene	8.216	128	4190296	39.772	ng	98
32) Benzoic acid	7.980	122	922817	49.070	ng	97
33) 4-Chloroaniline	8.257	127	747673	18.882	ng	99
34) Hexachlorobutadiene	8.328	225	824722	39.392	ng	99
35) Caprolactam	8.645	113	239953	24.337	ng	95
36) 4-Chloro-3-methylphenol	8.739	107	1349826	44.609	ng	99
37) 2-Methylnaphthalene	8.904	142	2893625	40.742	ng	98
38) 1-Methylnaphthalene	9.004	142	2699268	38.816	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	1447376	41.366	ng	99
41) Hexachlorocyclopentadiene	9.057	237	1323537	114.586	ng	99
43) 2,4,6-Trichlorophenol	9.180	196	1015350	47.795	ng	98
44) 2,4,5-Trichlorophenol	9.222	196	1064710	45.484	ng	99

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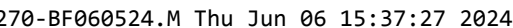
Instrument :
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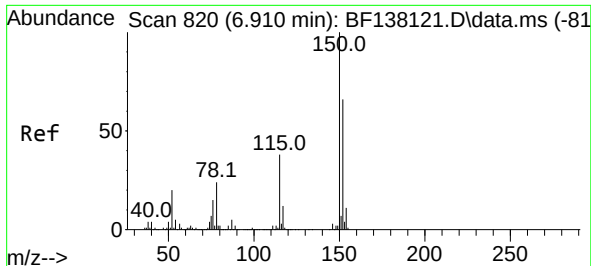
Quant Time: Jun 06 15:33:46 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 05:19:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.369	154	3517041	40.402	ng	99
47) 2-Chloronaphthalene	9.392	162	2786217	40.162	ng	99
48) 2-Nitroaniline	9.486	65	795905	46.352	ng	94
49) Acenaphthylene	9.810	152	4184538	42.624	ng	97
50) Dimethylphthalate	9.674	163	3222364	41.381	ng	99
51) 2,6-Dinitrotoluene	9.733	165	741749	44.180	ng	92
52) Acenaphthene	9.980	154	2882270	43.451	ng	100
53) 3-Nitroaniline	9.898	138	521942	31.905	ng	99
54) 2,4-Dinitrophenol	10.004	184	589363	86.096	ng	95
55) Dibenzofuran	10.157	168	3753405	40.005	ng	99
56) 4-Nitrophenol	10.063	139	1143592	96.554	ng	97
57) 2,4-Dinitrotoluene	10.139	165	944936	47.004	ng	86
58) Fluorene	10.498	166	2836553	38.063	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.269	232	872338	47.246	ng	99
60) Diethylphthalate	10.374	149	3030486	39.865	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	1474308	38.941	ng	99
62) 4-Nitroaniline	10.522	138	708804	48.765	ng	96
63) Azobenzene	10.651	77	2898835	39.591	ng	96
65) 4,6-Dinitro-2-methylph...	10.545	198	403217	50.529	ng	80
66) n-Nitrosodiphenylamine	10.610	169	2726627	43.321	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	1034740	43.116	ng	92
68) Hexachlorobenzene	11.039	284	1186301	42.520	ng	96
69) Atrazine	11.139	200	921373	45.499	ng	100
70) Pentachlorophenol	11.233	266	1347895	90.250	ng	98
71) Phenanthrene	11.463	178	4078861	40.200	ng	98
72) Anthracene	11.510	178	4160255	41.109	ng	98
73) Carbazole	11.663	167	3725706	40.257	ng	99
74) Di-n-butylphthalate	11.998	149	4261762	39.177	ng	100
75) Fluoranthene	12.645	202	4226247	38.603	ng	98
77) Benzidine	12.763	184	382386	32.793	ng	99
78) Pyrene	12.874	202	4271099	41.678	ng	99
80) Butylbenzylphthalate	13.498	149	1657668	48.986	ng	90
81) Benzo(a)anthracene	14.062	228	2939732	41.121	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	661508	36.507	ng	98
83) Chrysene	14.098	228	2853565	41.591	ng	98
84) Bis(2-ethylhexyl)phtha...	14.057	149	2171435	44.044	ng	99
85) Di-n-octyl phthalate	14.668	149	3194568	47.074	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	2080864	44.590	ng	99
88) Benzo(b)fluoranthene	15.115	252	2324437	42.879	ng	100
89) Benzo(k)fluoranthene	15.145	252	2369149	45.829	ng	98
90) Benzo(a)pyrene	15.486	252	1973803	48.077	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	1667770	44.685	ng	99
92) Benzo(g,h,i)perylene	17.492	276	1625429	42.079	ng	99

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

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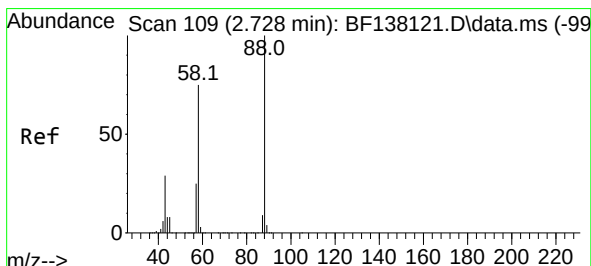
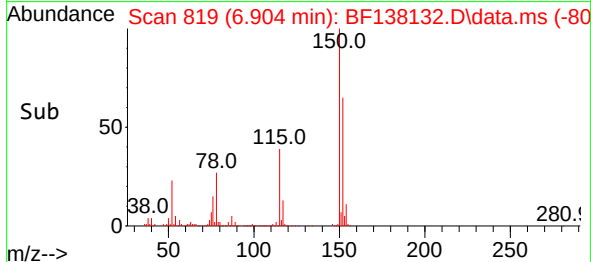
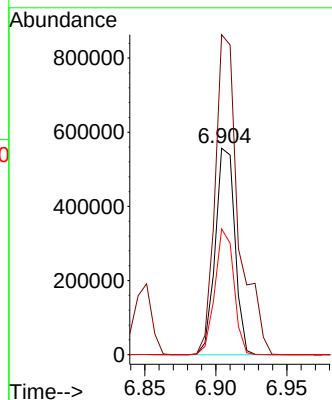
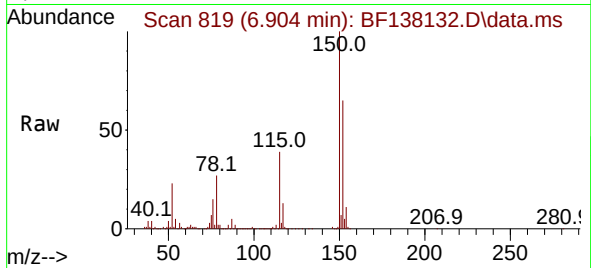




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF138132.D
 Acq: 06 Jun 2024 14:36

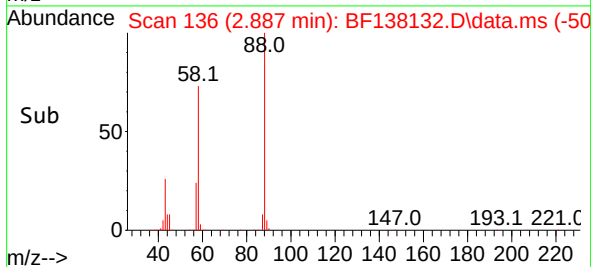
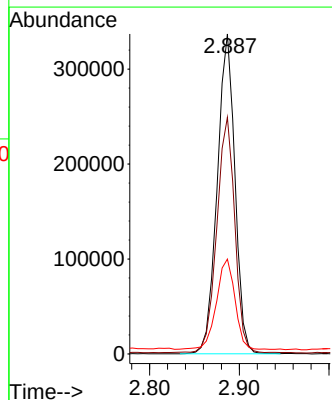
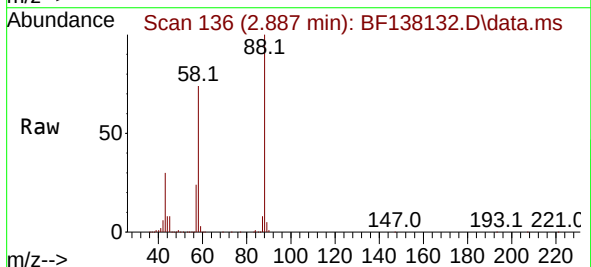
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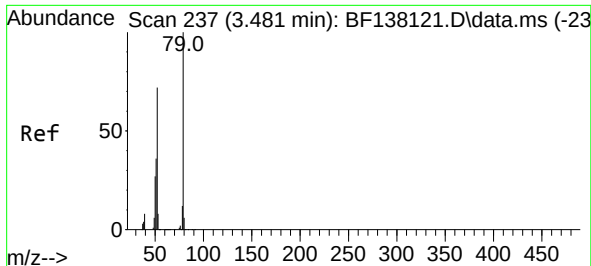
Tgt Ion:152 Resp: 534062
 Ion Ratio Lower Upper
 152 100
 150 155.0 121.8 182.6
 115 60.9 46.2 69.2



#2
 1,4-Dioxane
 Concen: 32.170 ng
 RT: 2.887 min Scan# 136
 Delta R.T. 0.159 min
 Lab File: BF138132.D
 Acq: 06 Jun 2024 14:36

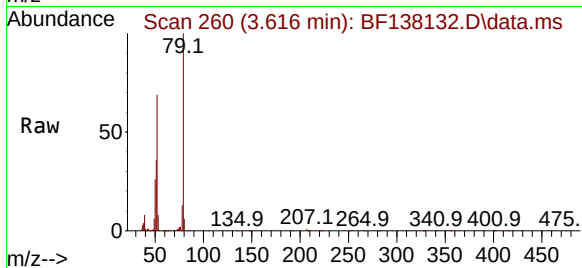
Tgt Ion: 88 Resp: 462044
 Ion Ratio Lower Upper
 88 100
 58 75.2 60.6 90.8
 43 30.2 23.6 35.4



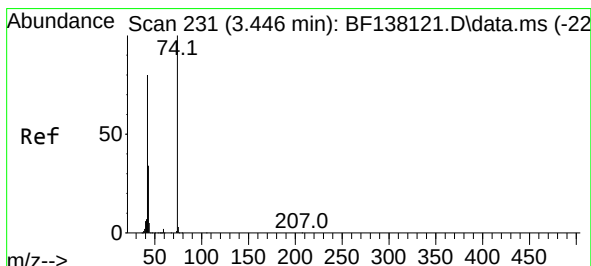
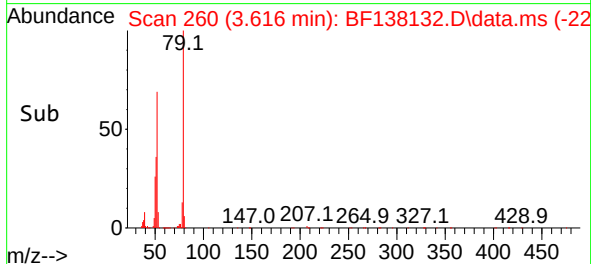
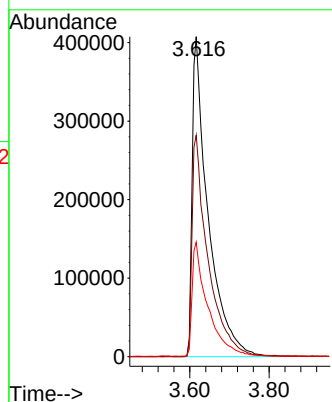


#3
Pyridine
Concen: 32.171 ng
RT: 3.616 min Scan# 20
Delta R.T. 0.135 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Instrument :
BNA_F
ClientSampleId :
PB161196BS

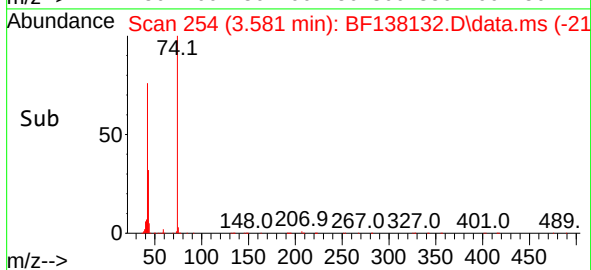
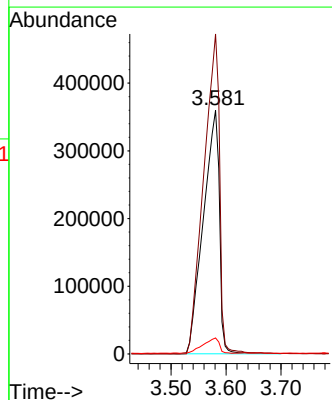
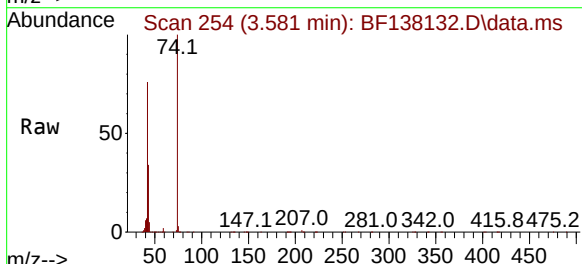


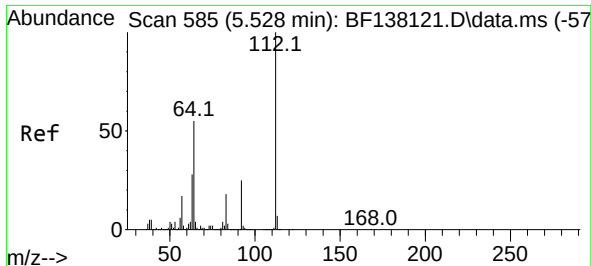
Tgt Ion: 79 Resp: 1132205
Ion Ratio Lower Upper
79 100
52 69.2 57.4 86.2
51 35.8 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 42.133 ng
RT: 3.581 min Scan# 254
Delta R.T. 0.135 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion: 42 Resp: 727924
Ion Ratio Lower Upper
42 100
74 131.4 100.0 150.0
44 6.6 5.7 8.5

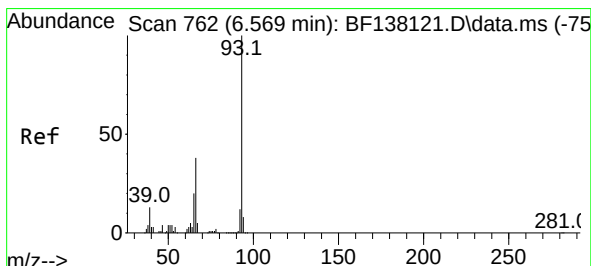
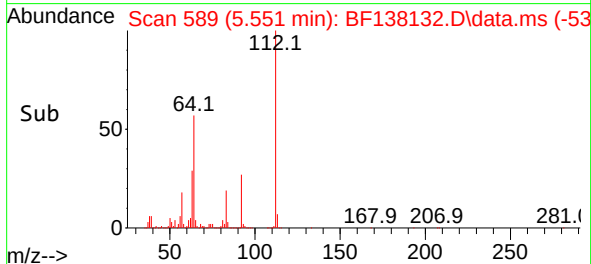
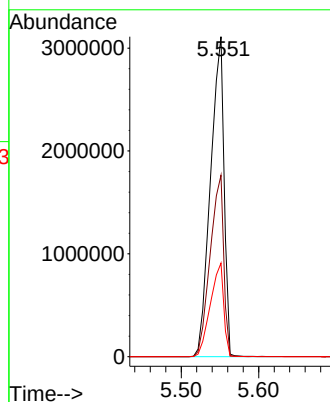
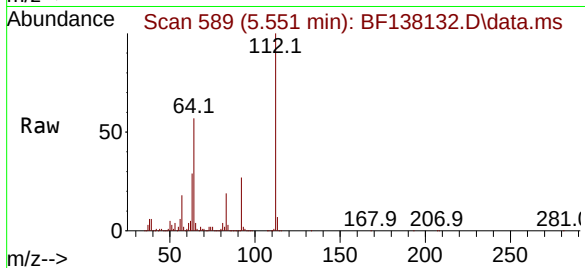




#5
2-Fluorophenol
Concen: 120.334 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.023 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

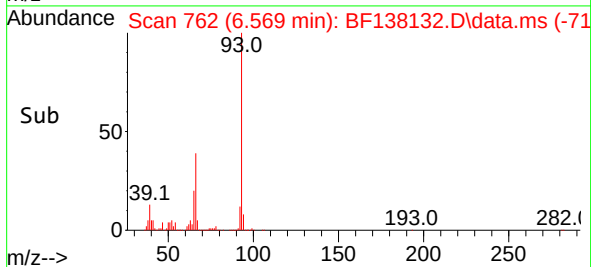
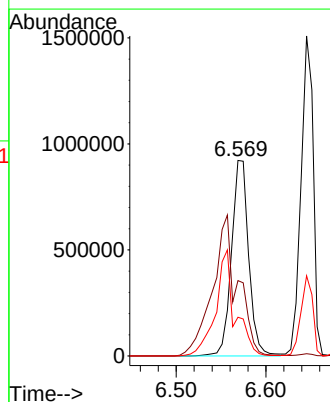
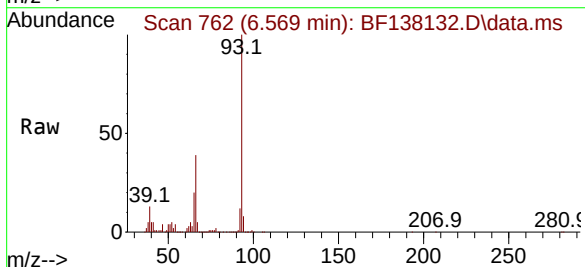
Instrument :
BNA_F
ClientSampleId :
PB161196BS

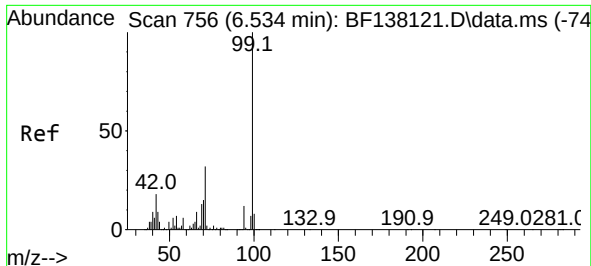
Tgt Ion:112 Resp: 3770935
Ion Ratio Lower Upper
112 100
64 56.7 44.0 66.0
63 29.3 22.1 33.1



#6
Aniline
Concen: 30.544 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion: 93 Resp: 1227913
Ion Ratio Lower Upper
93 100
66 38.6 30.9 46.3
65 19.8 16.0 24.0





#7

Phenol-d6

Concen: 122.677 ng

RT: 6.539 min Scan# 757

Delta R.T. 0.006 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

Instrument :

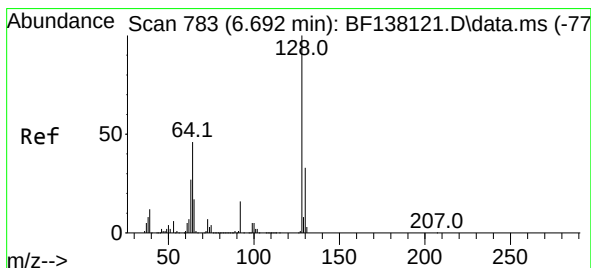
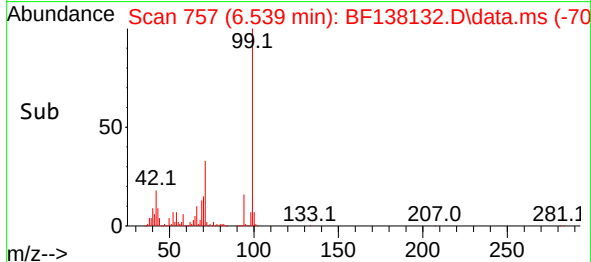
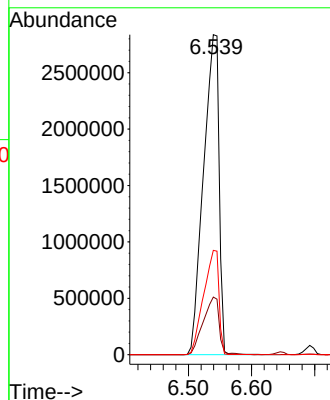
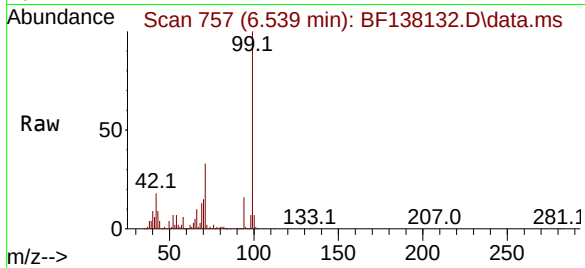
BNA_F

ClientSampleId :

PB161196BS

Tgt Ion: 99 Resp: 4863994

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.4	21.6
71	32.6	25.5	38.3



#8

2-Chlorophenol

Concen: 46.743 ng

RT: 6.692 min Scan# 783

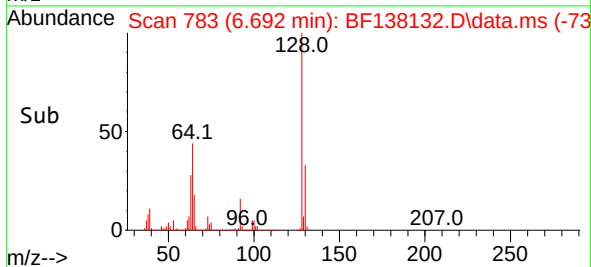
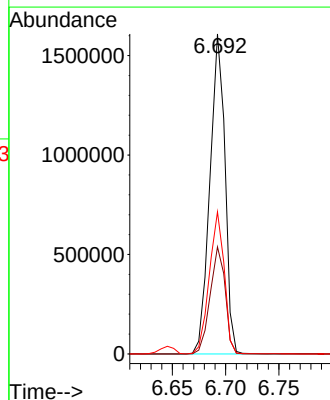
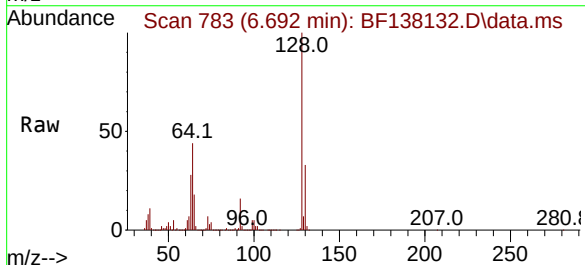
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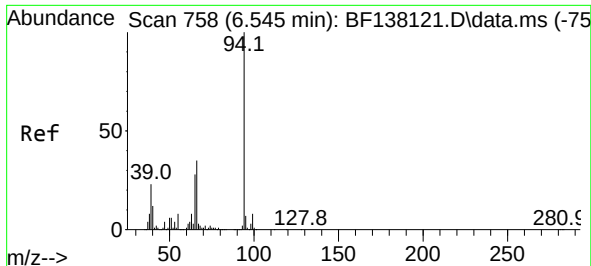
Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

Tgt Ion: 128 Resp: 1584685

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.9	52.9
64	44.4	26.6	66.6



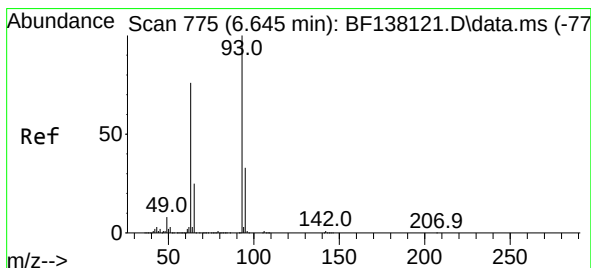
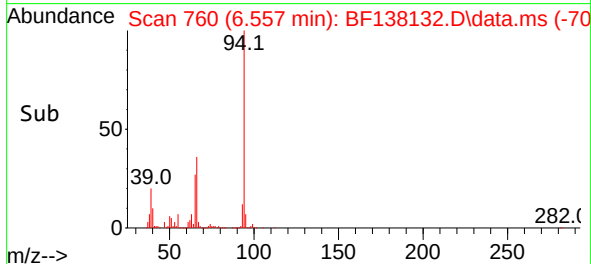
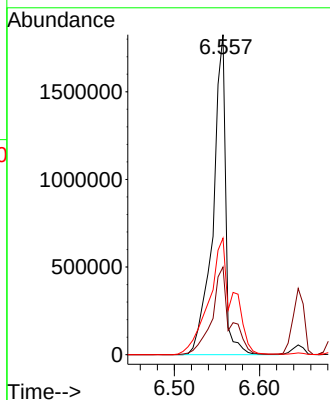
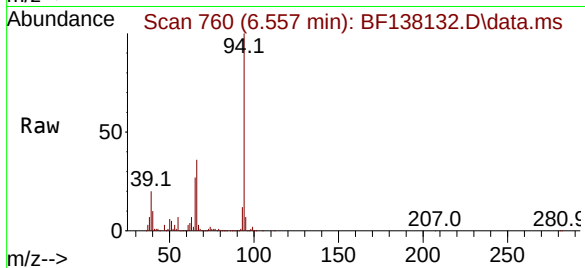


#10
Phenol
Concen: 46.403 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.012 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Instrument :
BNA_F
ClientSampleId :
PB161196BS

Tgt Ion: 94 Resp: 1890242

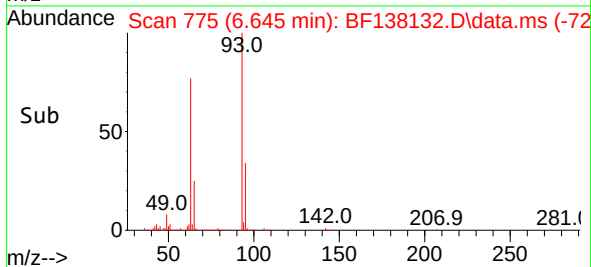
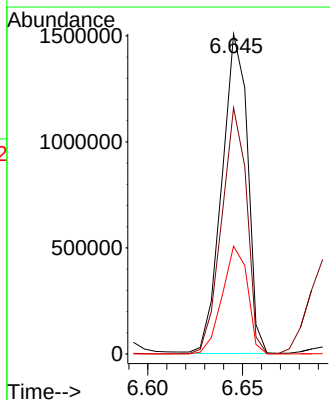
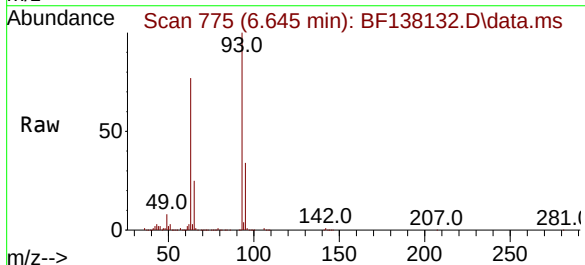
Ion	Ratio	Lower	Upper
94	100		
65	27.4	7.9	47.9
66	36.4	15.5	55.5

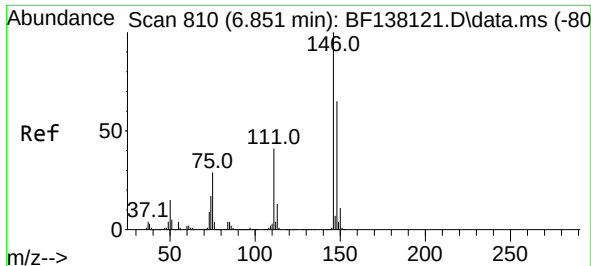


#11
bis(2-Chloroethyl)ether
Concen: 43.554 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.000 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion: 93 Resp: 1422290

Ion	Ratio	Lower	Upper
93	100		
63	76.9	55.3	95.3
95	33.7	12.5	52.5





#12

1,3-Dichlorobenzene

Concen: 40.831 ng

RT: 6.851 min Scan# 810

Delta R.T. -0.000 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

Instrument :

BNA_F

ClientSampleId :

PB161196BS

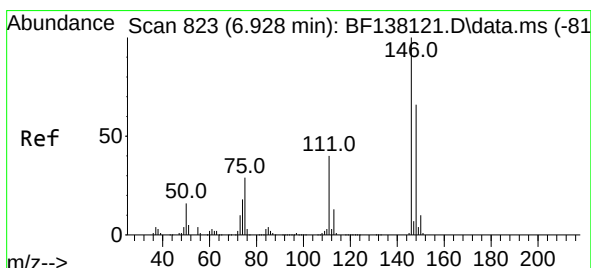
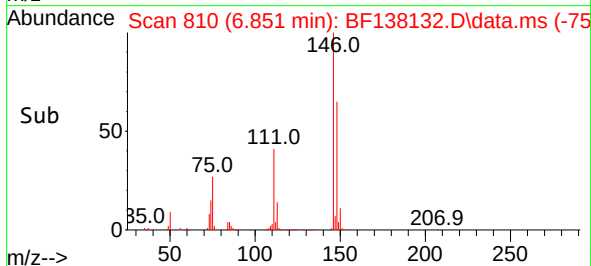
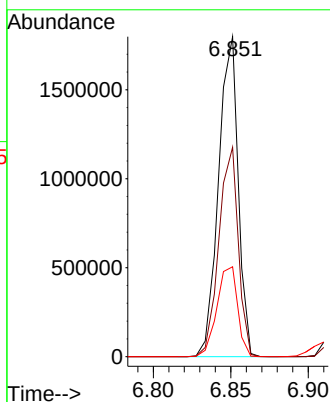
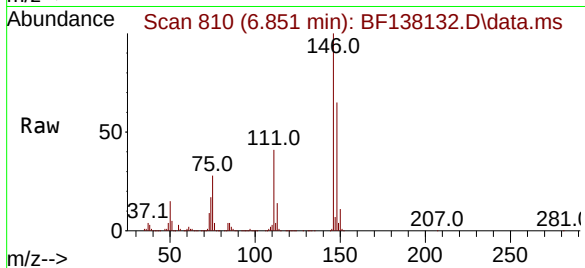
Tgt Ion:146 Resp: 1586071

Ion Ratio Lower Upper

146 100

148 65.4 52.2 78.2

75 28.1 23.0 34.6



#13

1,4-Dichlorobenzene

Concen: 41.150 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.000 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

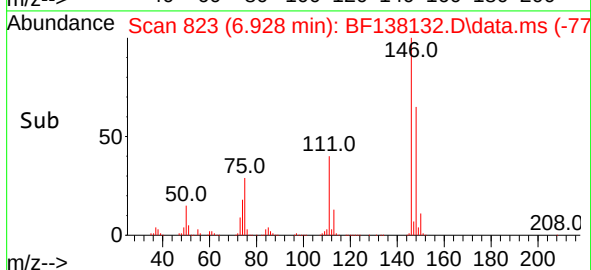
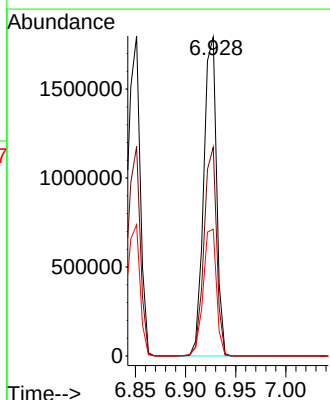
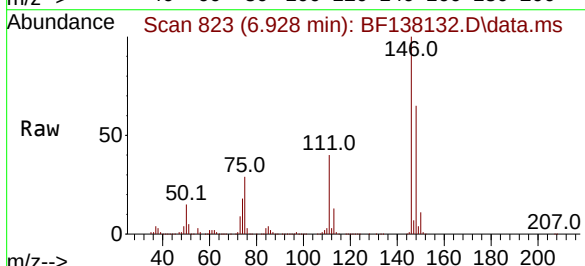
Tgt Ion:146 Resp: 1609842

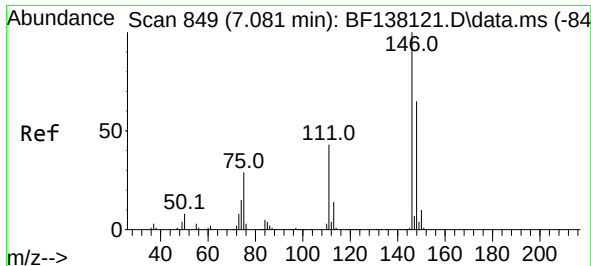
Ion Ratio Lower Upper

146 100

148 65.5 52.6 78.8

111 39.7 31.9 47.9

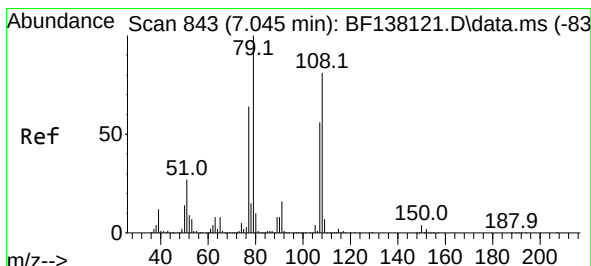
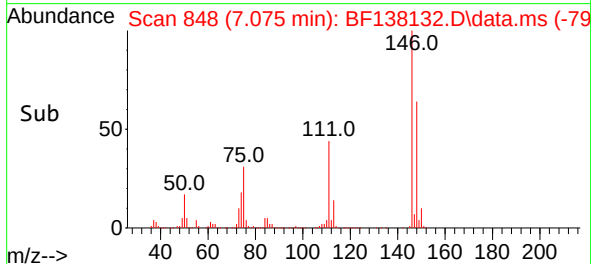
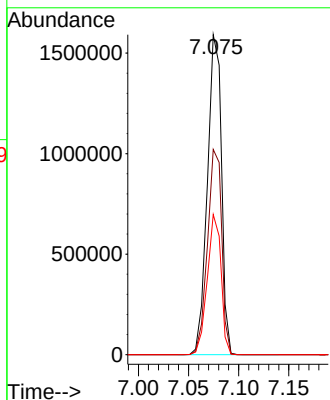
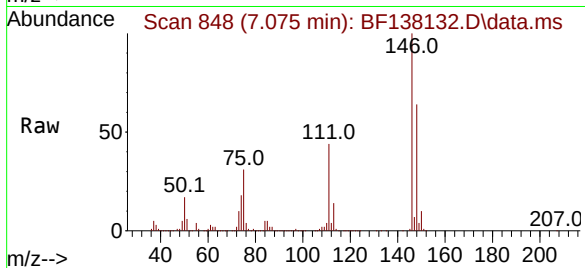




#14
1,2-Dichlorobenzene
Concen: 42.504 ng
RT: 7.075 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

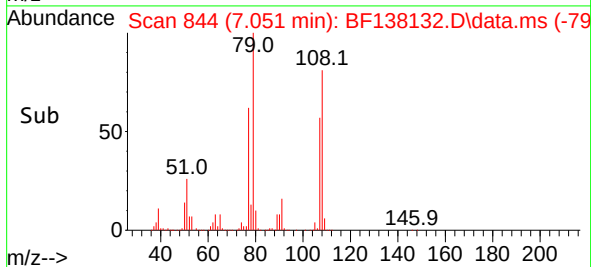
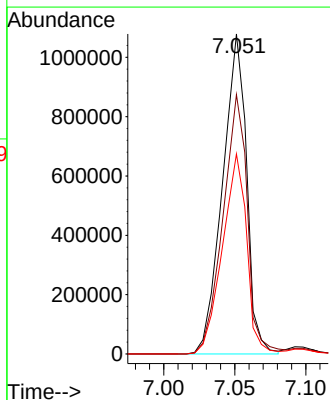
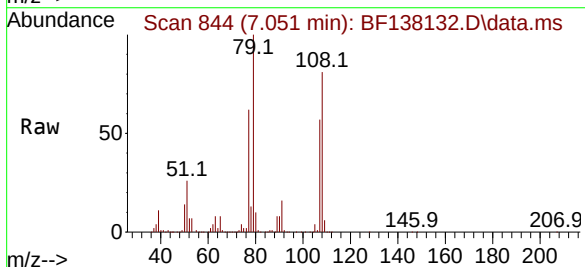
Instrument :
BNA_F
ClientSampleId :
PB161196BS

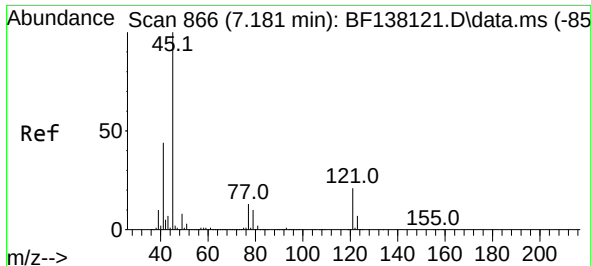
Tgt Ion:146 Resp: 1560859
Ion Ratio Lower Upper
146 100
148 64.2 51.6 77.4
111 43.8 34.3 51.5



#15
Benzyl Alcohol
Concen: 45.285 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion: 79 Resp: 1270432
Ion Ratio Lower Upper
79 100
108 81.0 64.5 96.7
77 62.5 51.1 76.7

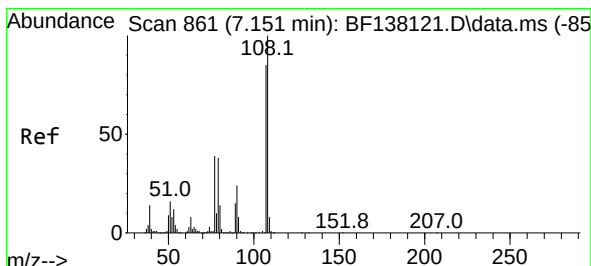
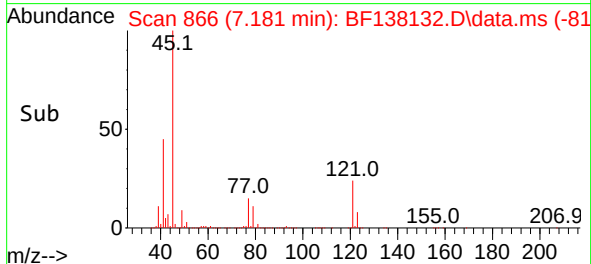
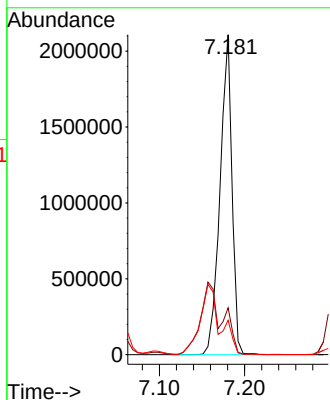
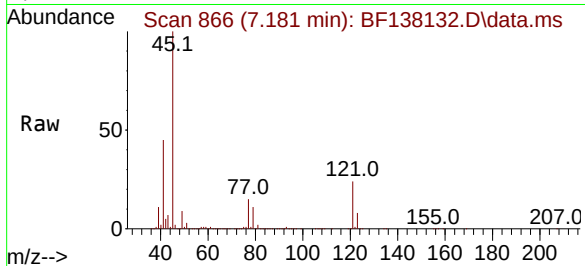




#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.818 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

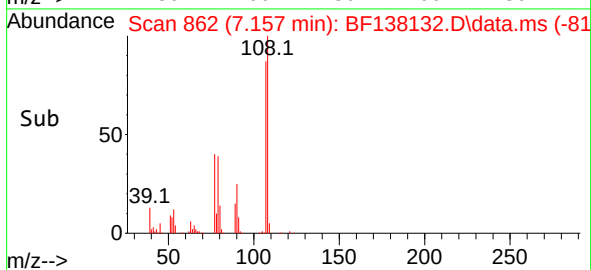
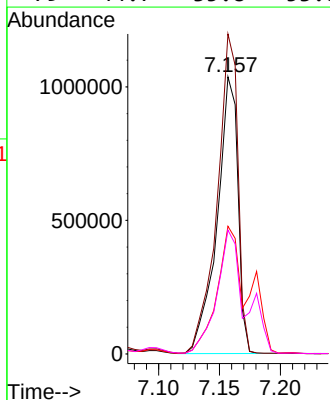
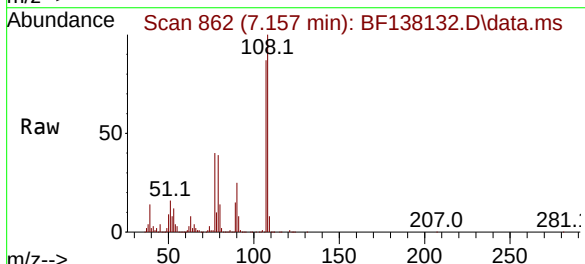
Instrument :
BNA_F
ClientSampleId :
PB161196BS

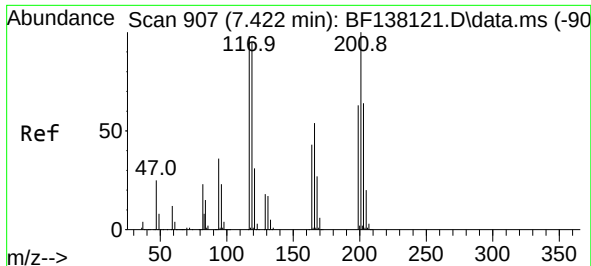
Tgt Ion: 45 Resp: 2052711
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.2
79 10.8 0.0 29.9



#17
2-Methylphenol
Concen: 44.935 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.006 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion:107 Resp: 1233048
Ion Ratio Lower Upper
107 100
108 115.4 94.2 141.2
77 46.1 36.7 55.1
79 44.7 35.8 53.8

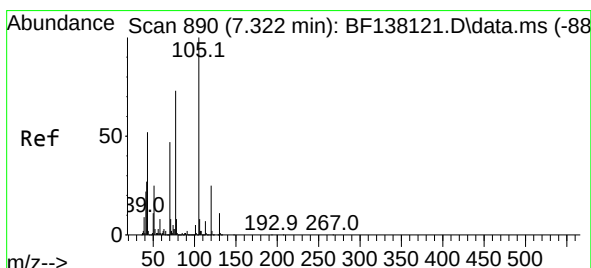
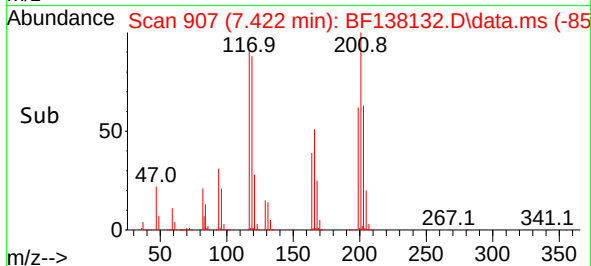
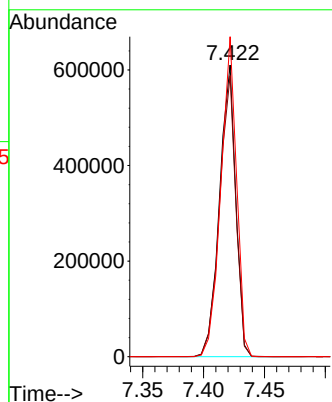
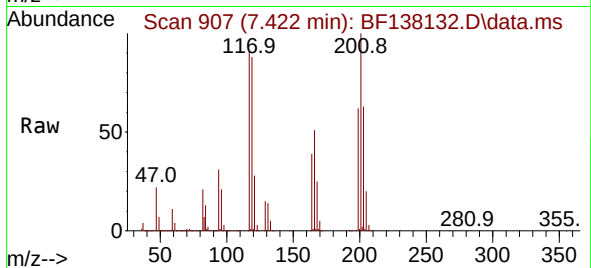




#18
Hexachloroethane
Concen: 42.516 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.000 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

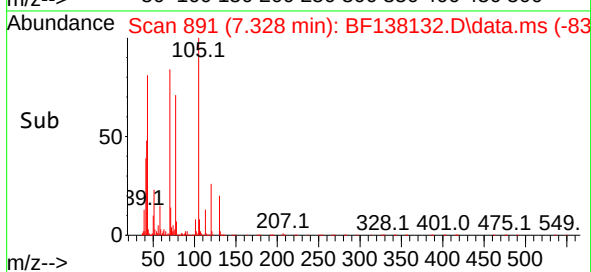
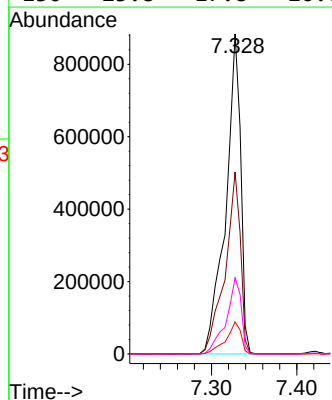
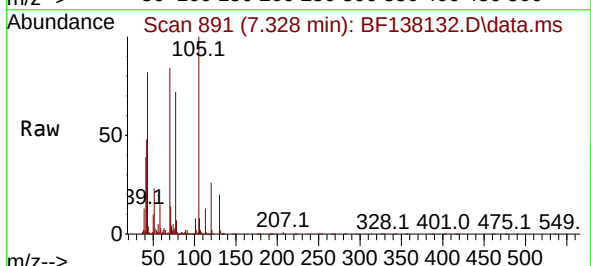
Instrument :
BNA_F
ClientSampleId :
PB161196BS

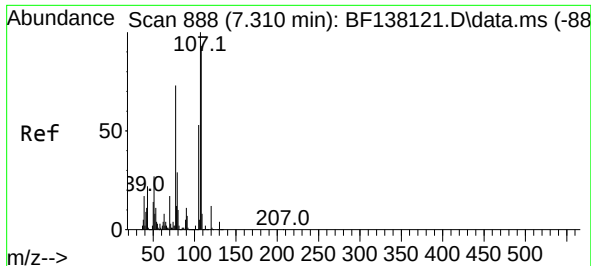
Tgt Ion:117 Resp: 567691
Ion Ratio Lower Upper
117 100
119 96.4 77.7 116.5
201 109.7 81.7 122.5



#19
n-Nitroso-di-n-propylamine
Concen: 42.756 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.006 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion: 70 Resp: 1080938
Ion Ratio Lower Upper
70 100
42 56.8 46.3 69.5
101 10.0 7.7 11.5
130 23.8 17.8 26.6





#20

3+4-Methylphenols

Concen: 43.537 ng

RT: 7.316 min Scan# 888

Delta R.T. 0.006 min

Lab File: BF138132.D

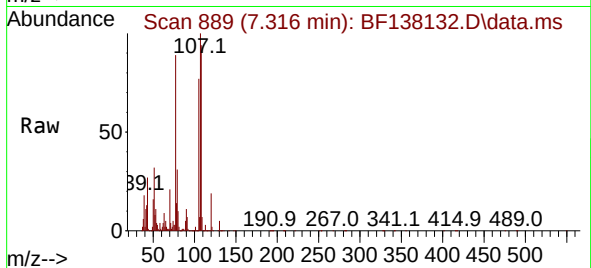
Acq: 06 Jun 2024 14:36

Instrument :

BNA_F

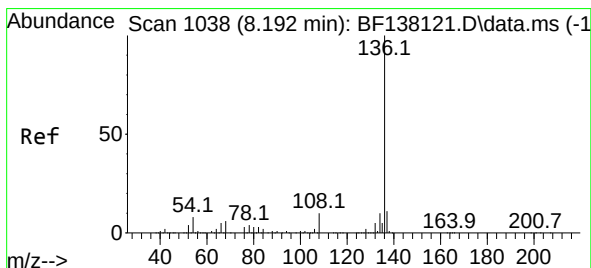
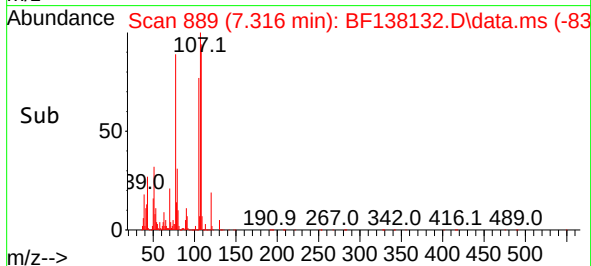
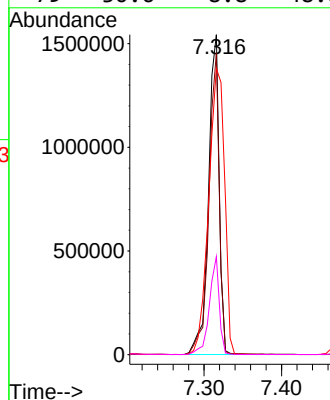
ClientSampleId :

PB161196BS



Tgt Ion:107 Resp: 1486577

Ion	Ratio	Lower	Upper
107	100		
108	94.3	73.0	113.0
77	89.5	53.2	93.2
79	30.6	8.8	48.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.192 min Scan# 1038

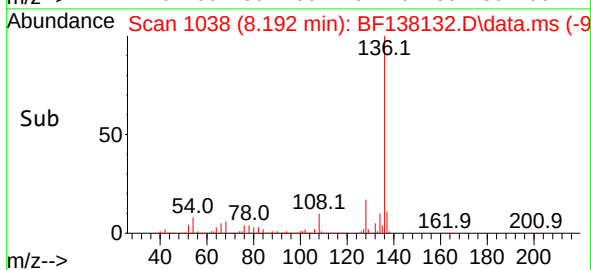
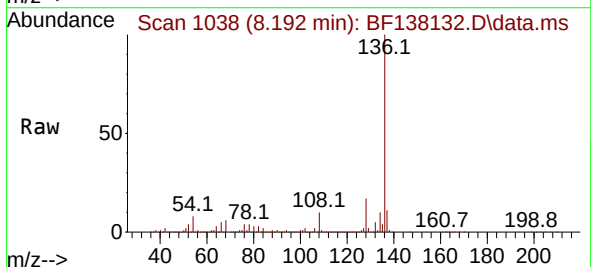
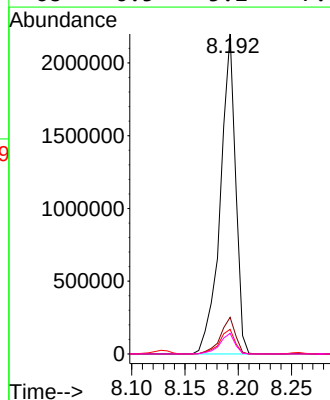
Delta R.T. -0.000 min

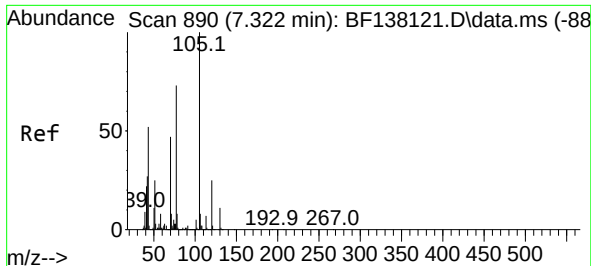
Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

Tgt Ion:136 Resp: 2178234

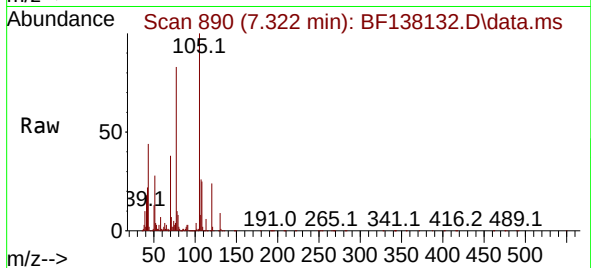
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.7	6.2	9.2
68	6.5	5.2	7.8





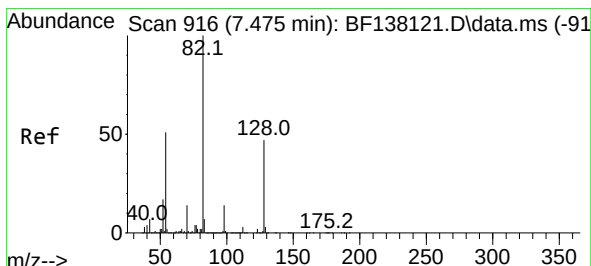
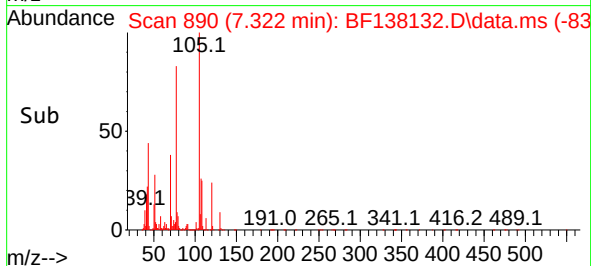
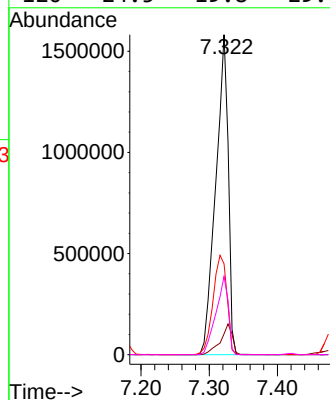
#22
Acetophenone
Concen: 40.244 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Instrument :
BNA_F
ClientSampleId :
PB161196BS



Tgt Ion: 105 Resp: 2018064

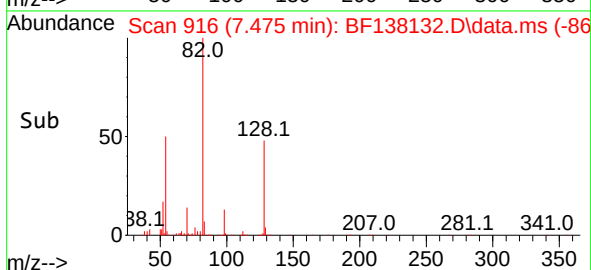
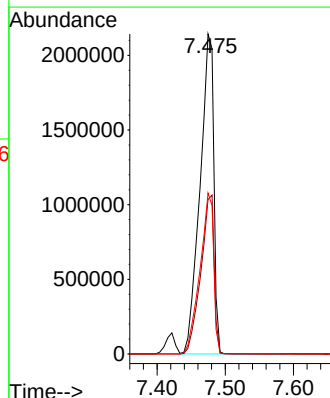
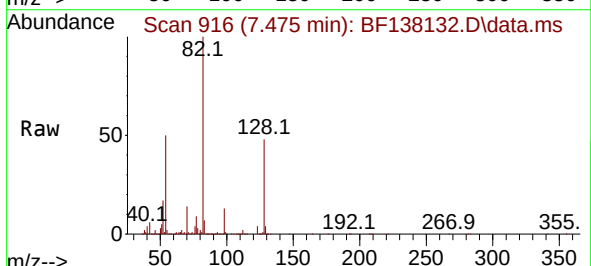
Ion	Ratio	Lower	Upper
105	100		
71	6.5	6.3	9.5
51	28.4	19.8	29.6
120	24.5	19.8	29.6

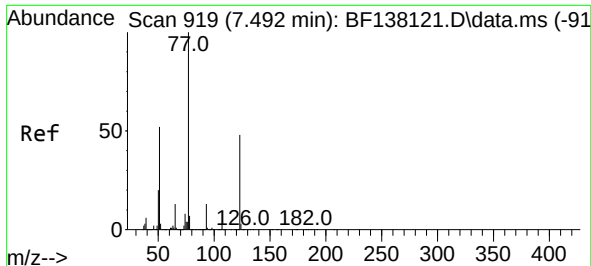


#23
Nitrobenzene-d5
Concen: 93.666 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion: 82 Resp: 2998732

Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.7	56.5
54	50.3	40.8	61.2

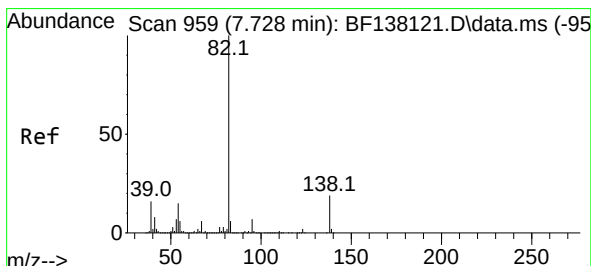
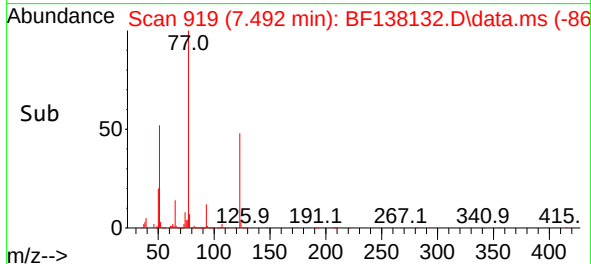
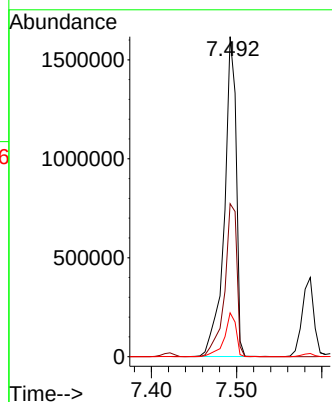
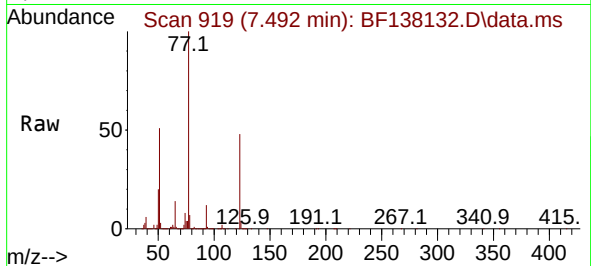




#24
Nitrobenzene
Concen: 44.721 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

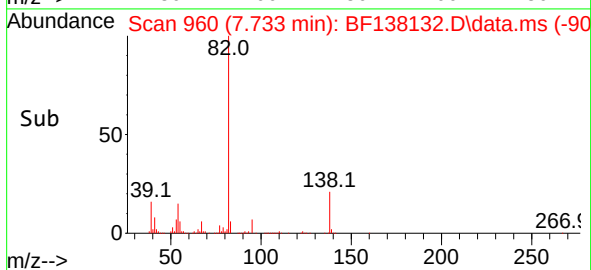
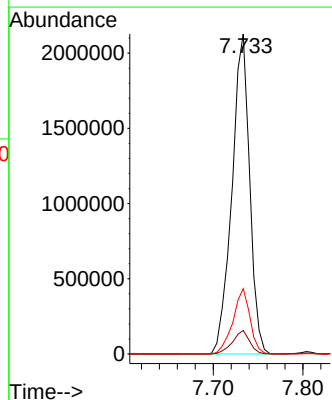
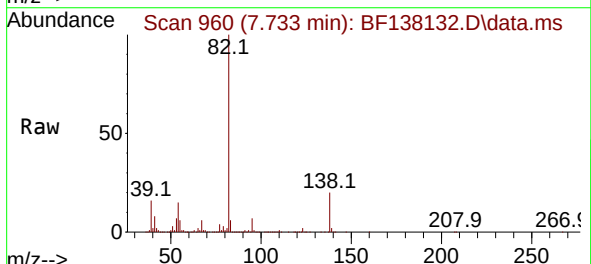
Instrument :
BNA_F
ClientSampleId :
PB161196BS

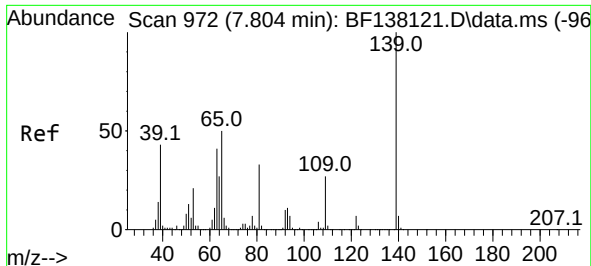
Tgt Ion: 77 Resp: 1559687
Ion Ratio Lower Upper
77 100
123 47.8 38.2 57.2
65 13.7 10.7 16.1



#25
Isophorone
Concen: 41.322 ng
RT: 7.733 min Scan# 960
Delta R.T. 0.005 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion: 82 Resp: 2914462
Ion Ratio Lower Upper
82 100
95 7.4 5.6 8.4
138 20.4 15.5 23.3

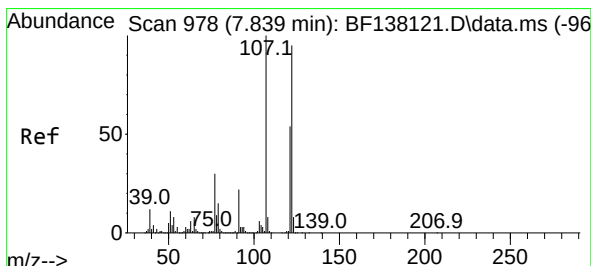
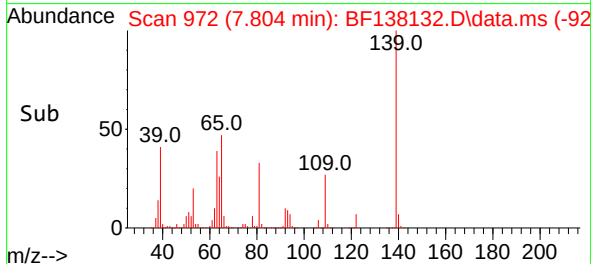
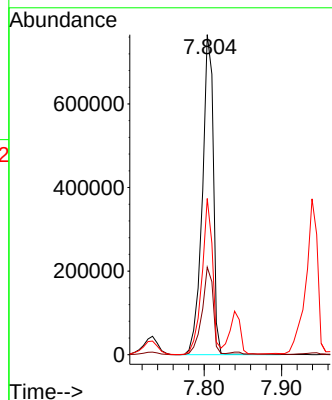
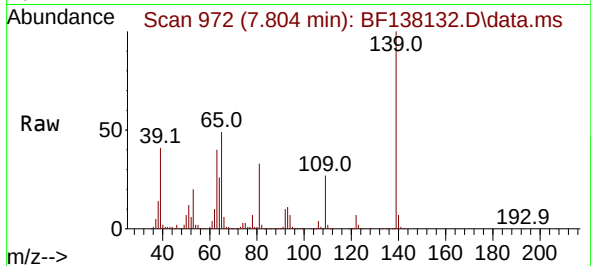




#26
2-Nitrophenol
Concen: 50.907 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

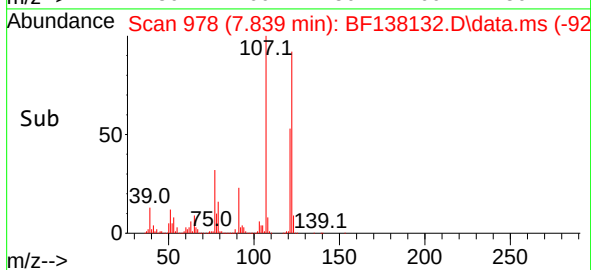
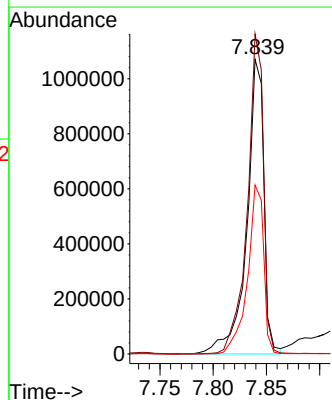
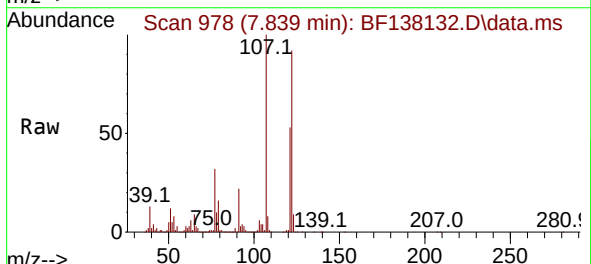
Instrument :
BNA_F
ClientSampleId :
PB161196BS

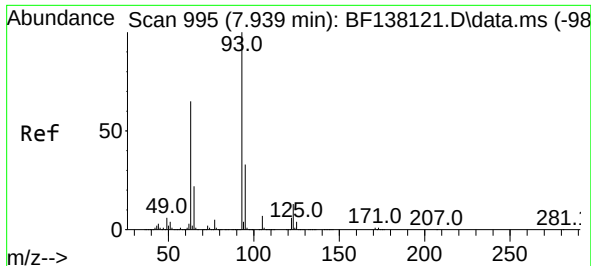
Tgt Ion:139 Resp: 758972
Ion Ratio Lower Upper
139 100
109 27.3 21.8 32.6
65 48.8 40.1 60.1



#27
2,4-Dimethylphenol
Concen: 48.568 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion:122 Resp: 1189869
Ion Ratio Lower Upper
122 100
107 108.6 84.2 126.2
121 57.4 45.4 68.0

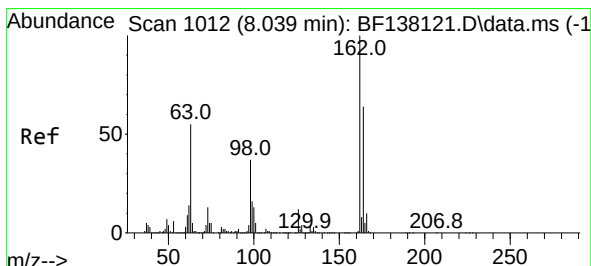
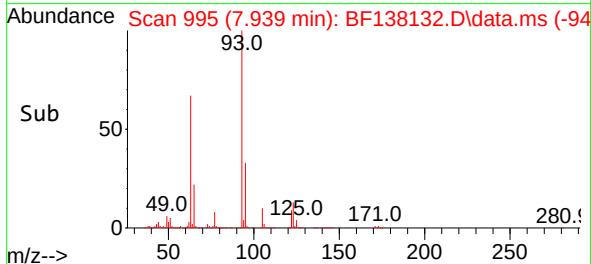
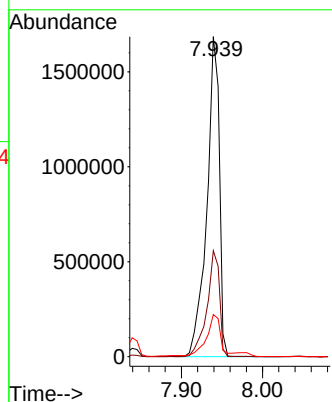
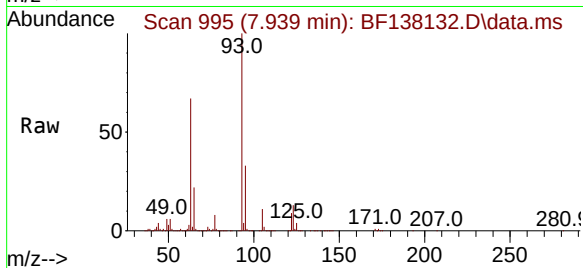




#28
bis(2-Chloroethoxy)methane
Concen: 41.923 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.000 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

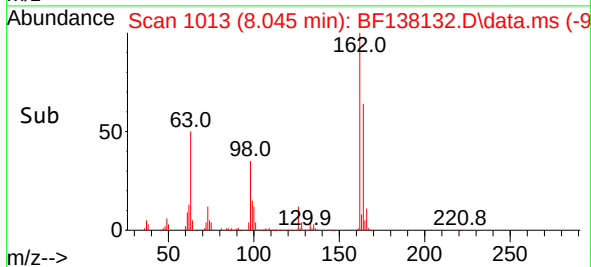
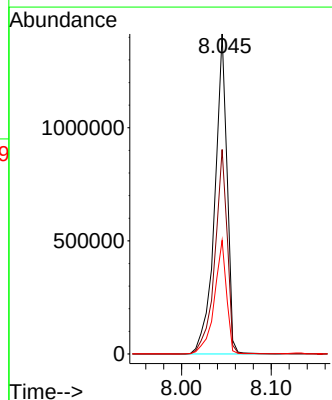
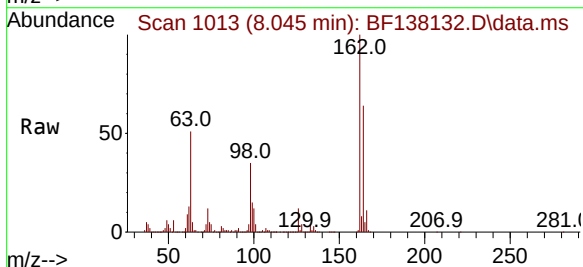
Instrument :
BNA_F
ClientSampleId :
PB161196BS

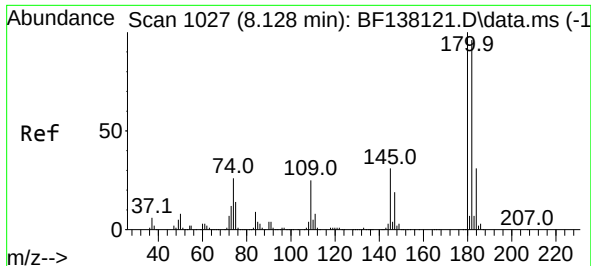
Tgt Ion: 93 Resp: 1801096
Ion Ratio Lower Upper
93 100
95 33.1 26.6 39.8
123 13.2 10.2 15.2



#29
2,4-Dichlorophenol
Concen: 45.698 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion:162 Resp: 1349366
Ion Ratio Lower Upper
162 100
164 63.9 44.1 84.1
98 35.5 17.0 57.0





#30

1,2,4-Trichlorobenzene

Concen: 40.736 ng

RT: 8.128 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

Instrument :

BNA_F

ClientSampleId :

PB161196BS

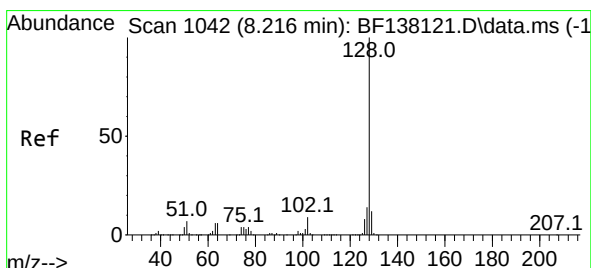
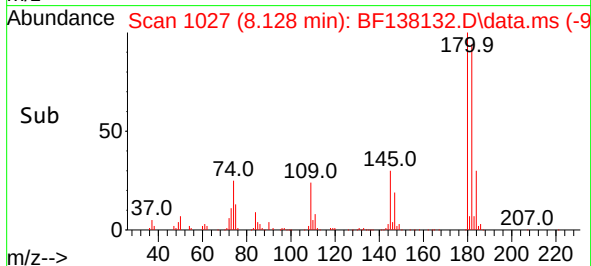
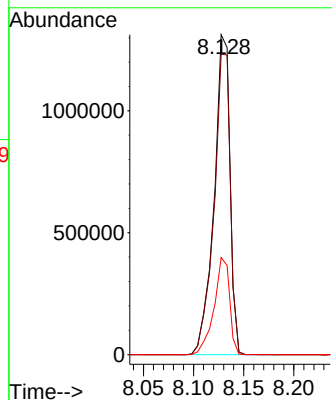
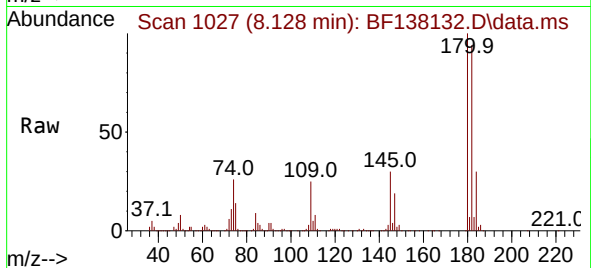
Tgt Ion:180 Resp: 1451334

Ion Ratio Lower Upper

180 100

182 93.9 76.4 114.6

145 30.4 24.8 37.2



#31

Naphthalene

Concen: 39.772 ng

RT: 8.216 min Scan# 1042

Delta R.T. -0.000 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

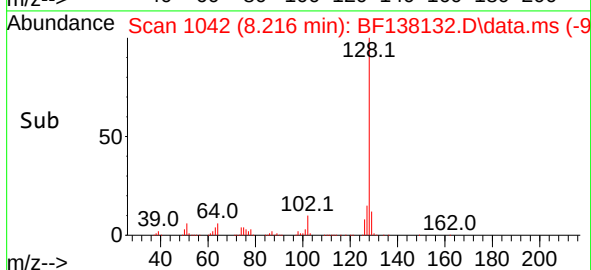
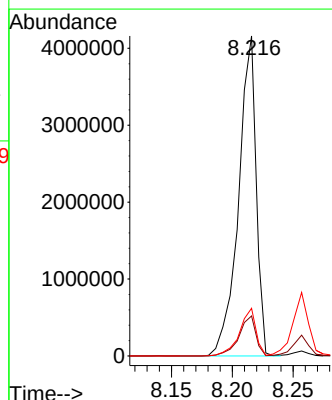
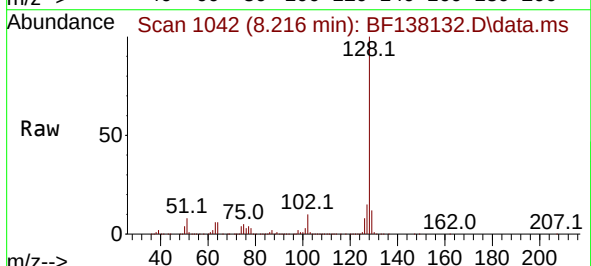
Tgt Ion:128 Resp: 4190296

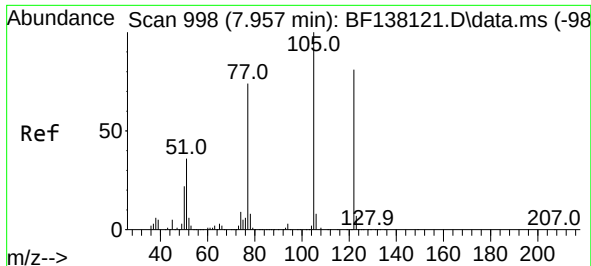
Ion Ratio Lower Upper

128 100

129 12.5 9.4 14.0

127 14.9 11.2 16.8

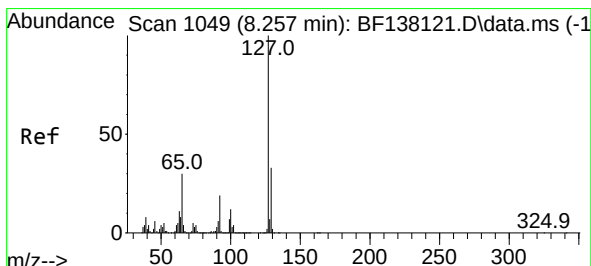
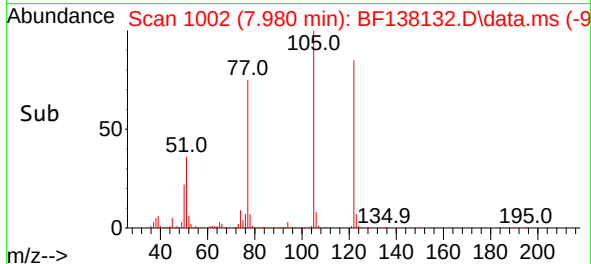
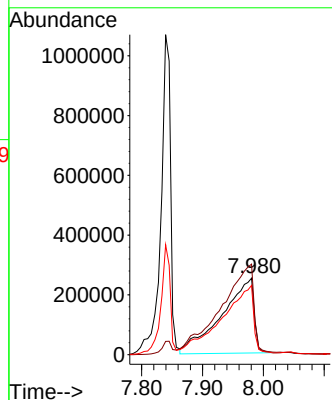
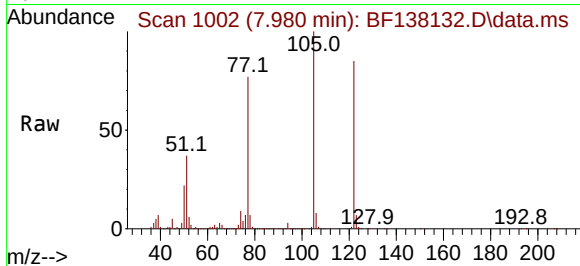




#32
Benzoic acid
Concen: 49.070 ng
RT: 7.980 min Scan# 1002
Delta R.T. 0.023 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

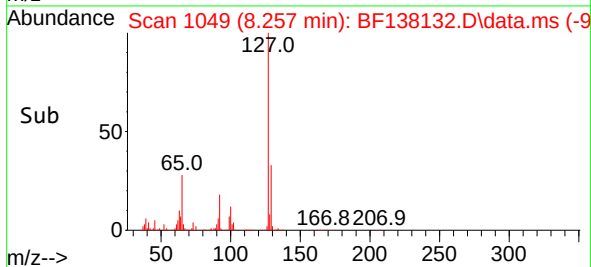
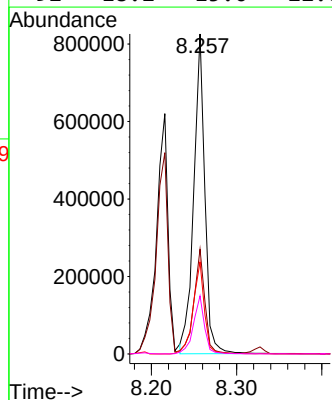
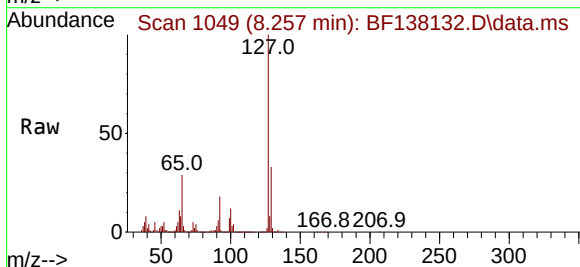
Instrument :
BNA_F
ClientSampleId :
PB161196BS

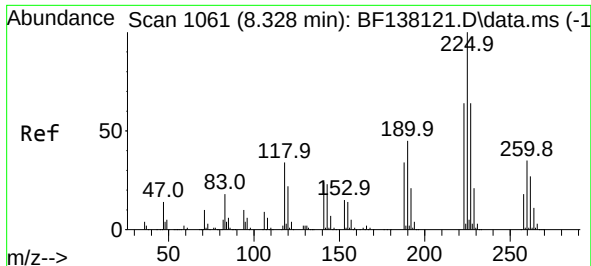
Tgt Ion:122 Resp: 922817
Ion Ratio Lower Upper
122 100
105 118.3 102.8 142.8
77 90.6 71.2 111.2



#33
4-Chloroaniline
Concen: 18.882 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion:127 Resp: 747673
Ion Ratio Lower Upper
127 100
129 32.7 26.5 39.7
65 28.7 24.0 36.0
92 18.2 15.0 22.6

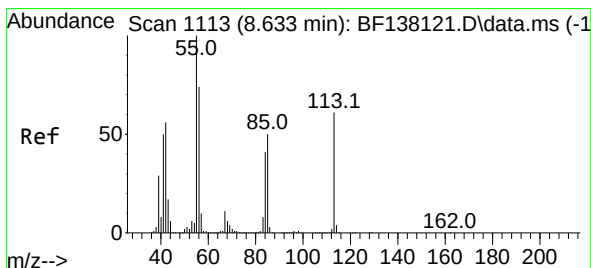
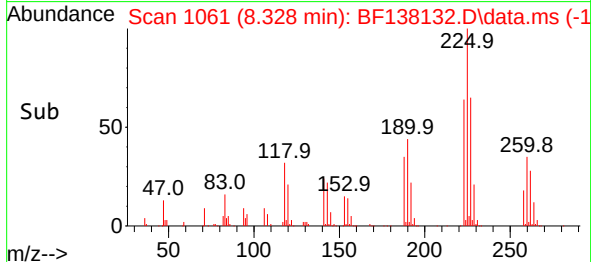
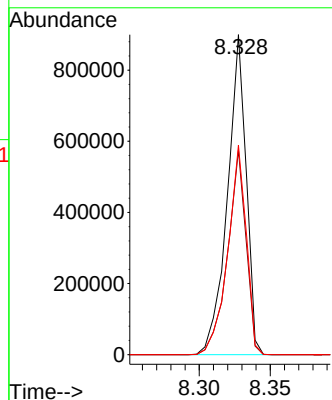
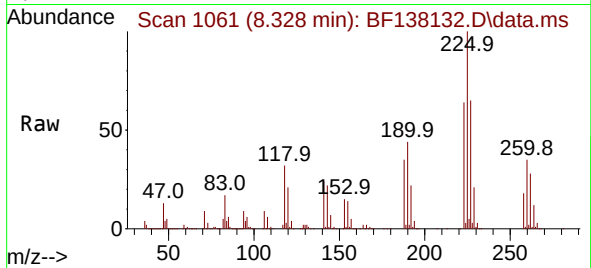




#34
Hexachlorobutadiene
Concen: 39.392 ng
RT: 8.328 min Scan# 1061
Delta R.T. -0.000 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

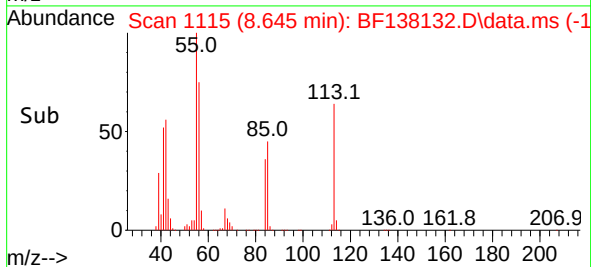
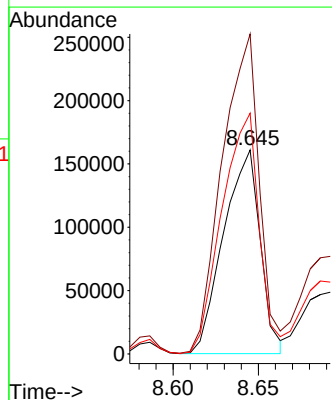
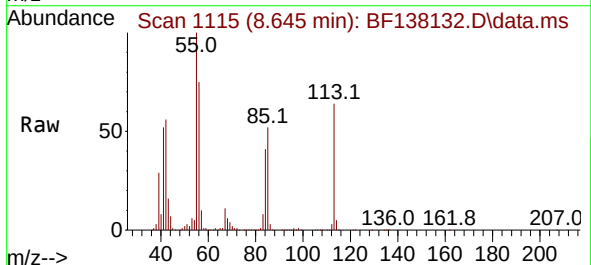
Instrument :
BNA_F
ClientSampleId :
PB161196BS

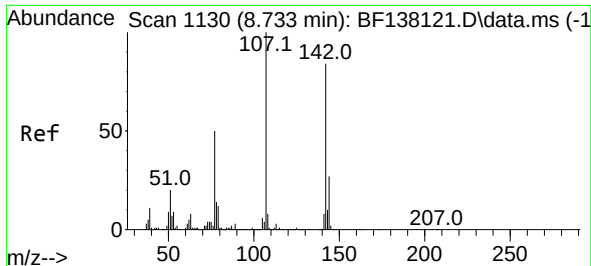
Tgt Ion:225 Resp: 824722
Ion Ratio Lower Upper
225 100
223 63.9 50.9 76.3
227 65.5 51.2 76.8



#35
Caprolactam
Concen: 24.337 ng
RT: 8.645 min Scan# 1115
Delta R.T. 0.012 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion:113 Resp: 239953
Ion Ratio Lower Upper
113 100
55 156.8 144.5 184.5
56 118.0 102.0 142.0

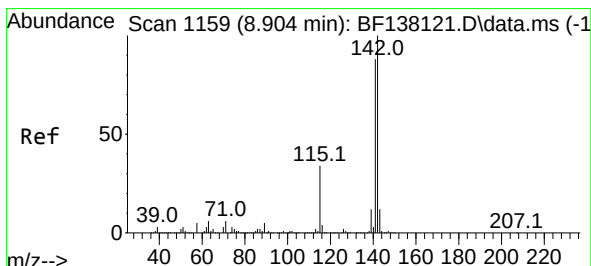
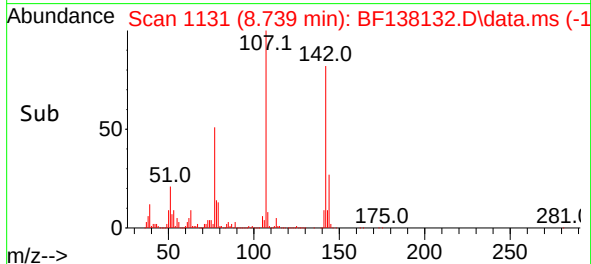
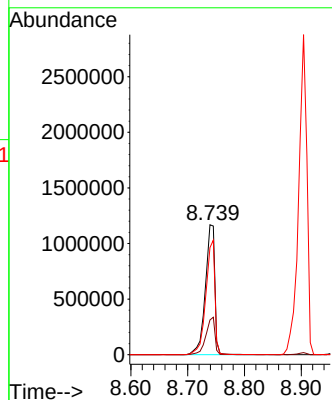
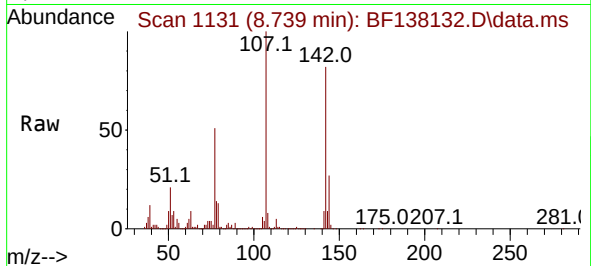




#36
4-Chloro-3-methylphenol
Concen: 44.609 ng
RT: 8.739 min Scan# 1130
Delta R.T. 0.006 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

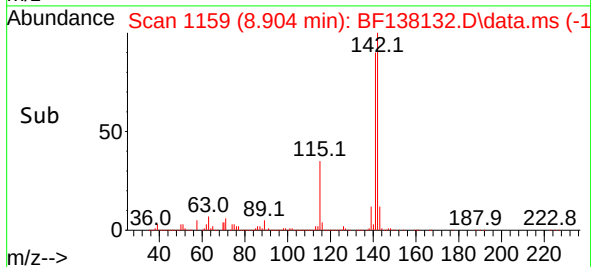
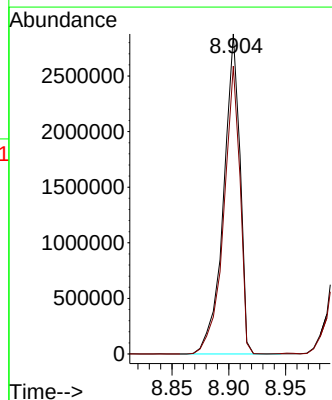
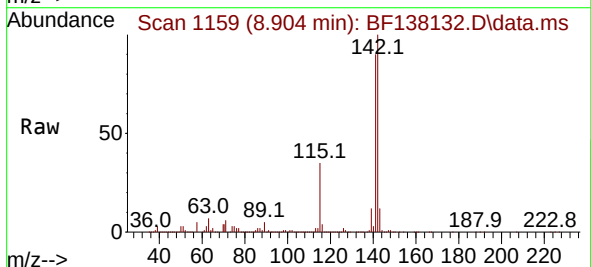
Instrument :
BNA_F
ClientSampleId :
PB161196BS

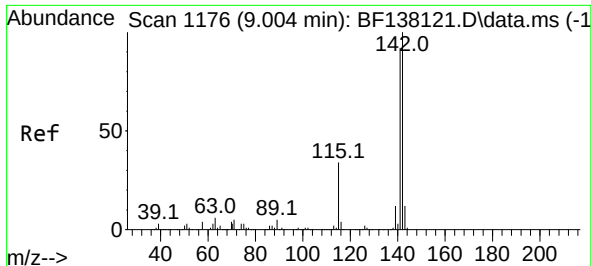
Tgt Ion:107 Resp: 1349826
Ion Ratio Lower Upper
107 100
144 26.7 21.7 32.5
142 82.4 67.0 100.4



#37
2-Methylnaphthalene
Concen: 40.742 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion:142 Resp: 2893625
Ion Ratio Lower Upper
142 100
141 90.0 70.5 105.7

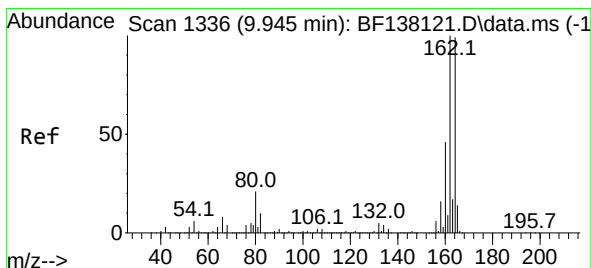
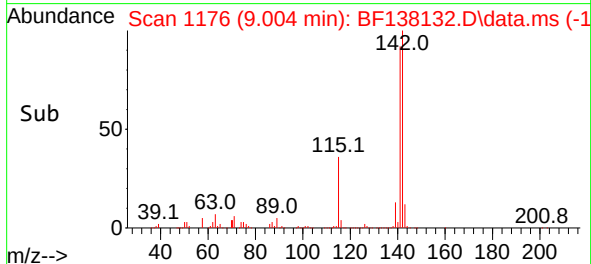
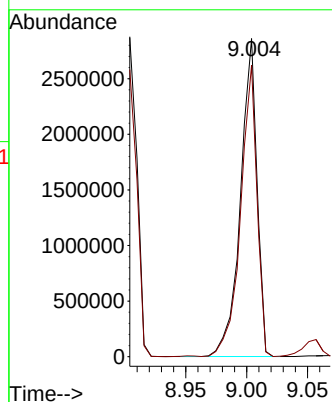
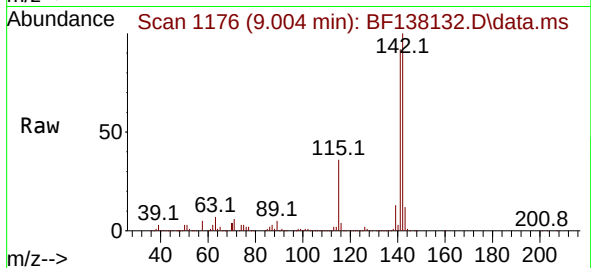




#38
1-Methylnaphthalene
Concen: 38.816 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

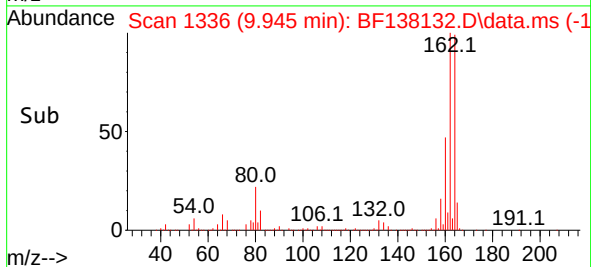
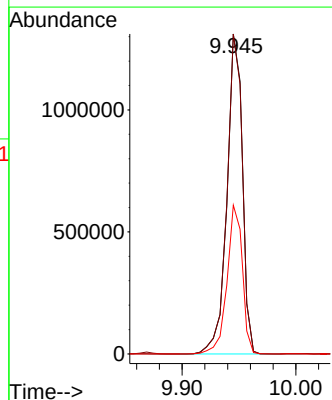
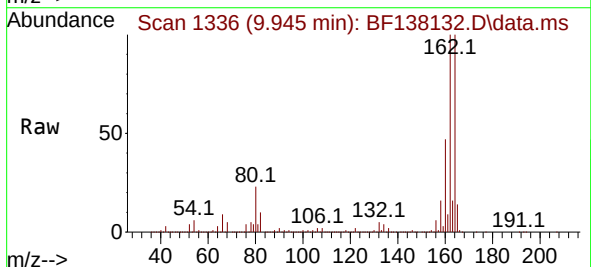
Instrument :
BNA_F
ClientSampleId :
PB161196BS

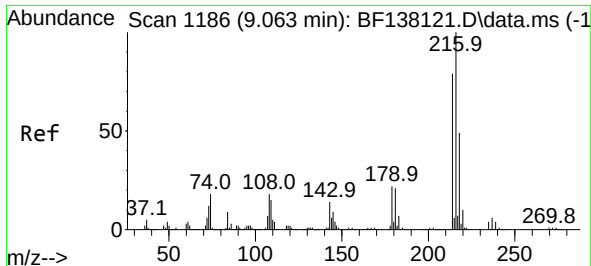
Tgt Ion:142 Resp: 2699268
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion:164 Resp: 1239306
Ion Ratio Lower Upper
164 100
162 100.0 80.9 121.3
160 46.5 37.0 55.6



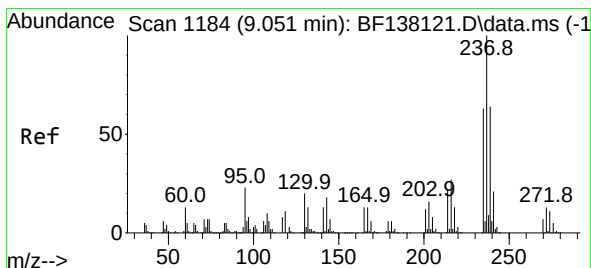
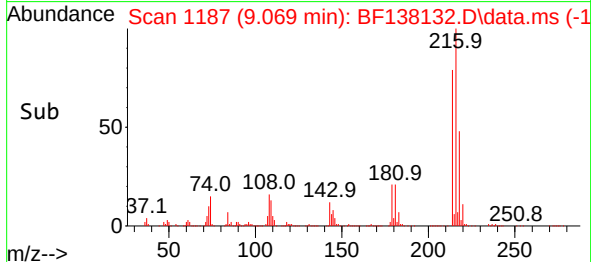
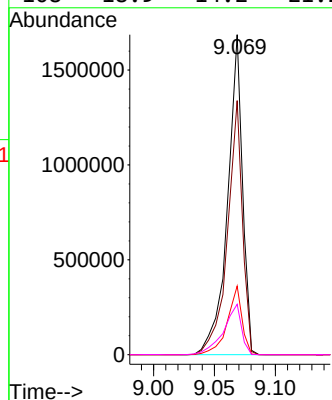
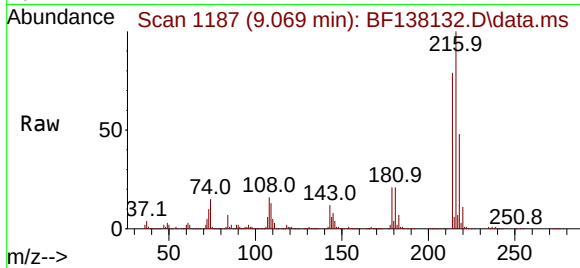


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.366 ng
RT: 9.069 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Instrument :
BNA_F
ClientSampleId :
PB161196BS

Tgt Ion:216 Resp: 1447376

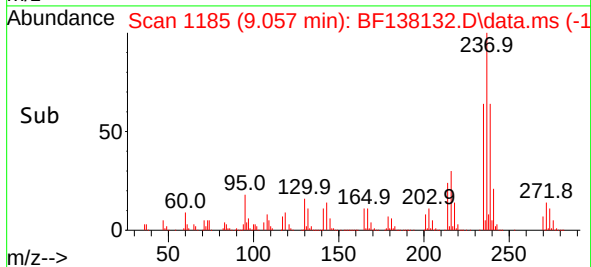
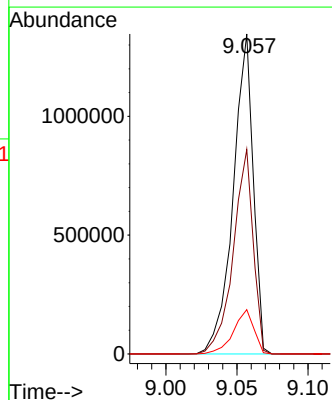
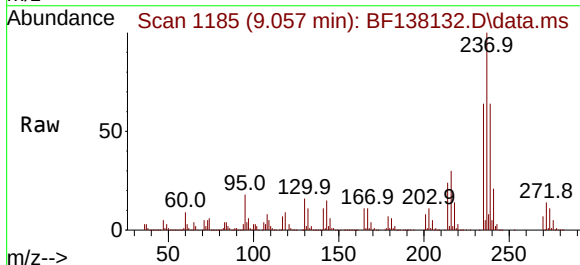
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.3	94.9
179	21.0	16.9	25.3
108	18.9	14.2	21.2

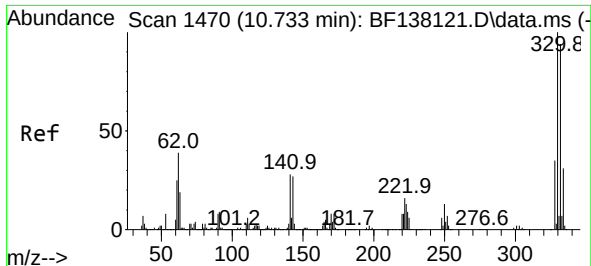


#41
Hexachlorocyclopentadiene
Concen: 114.586 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion:237 Resp: 1323537

Ion	Ratio	Lower	Upper
237	100		
235	63.9	43.4	83.4
272	13.9	0.0	33.3





#42

2,4,6-Tribromophenol

Concen: 126.416 ng

RT: 10.739 min Scan# 1470

Delta R.T. 0.006 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

Instrument :

BNA_F

ClientSampleId :

PB161196BS

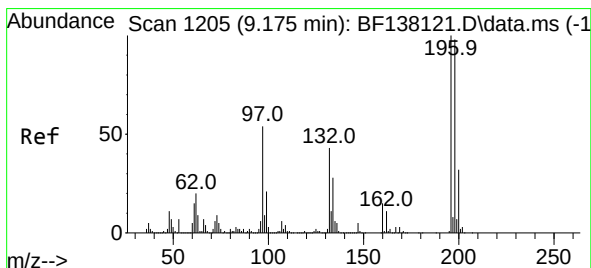
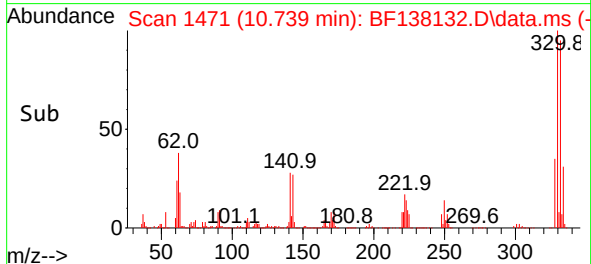
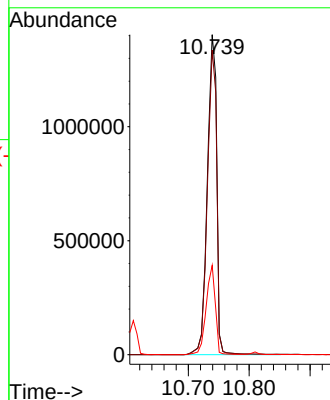
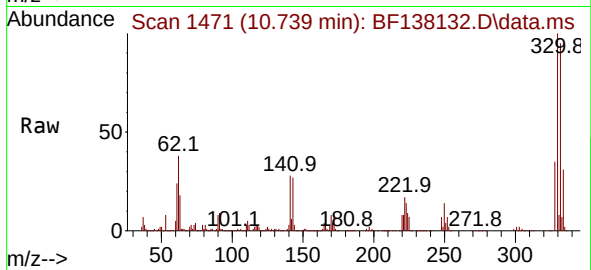
Tgt Ion:330 Resp: 1507730

Ion Ratio Lower Upper

330 100

332 94.8 75.8 113.8

141 27.2 23.2 34.8



#43

2,4,6-Trichlorophenol

Concen: 47.795 ng

RT: 9.180 min Scan# 1206

Delta R.T. 0.006 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

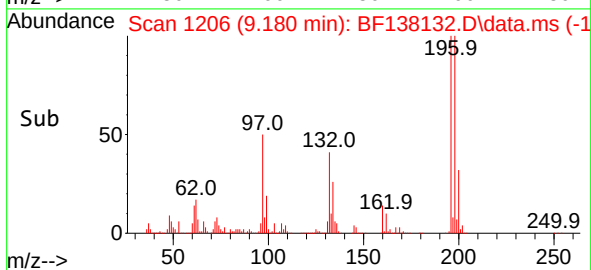
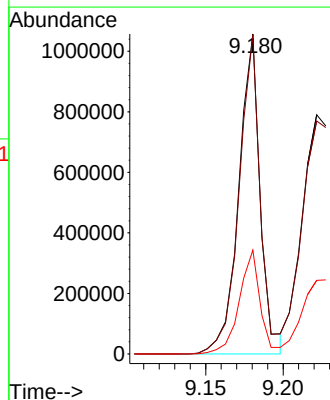
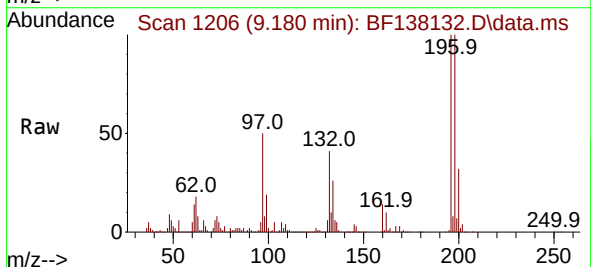
Tgt Ion:196 Resp: 1015350

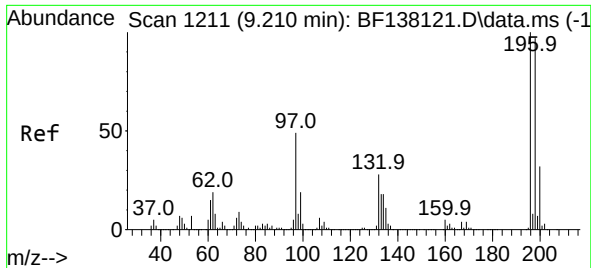
Ion Ratio Lower Upper

196 100

198 99.8 78.5 117.7

200 32.5 25.4 38.0

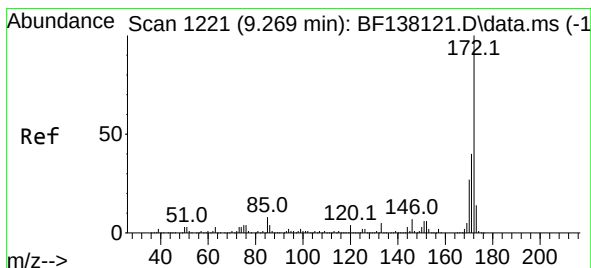
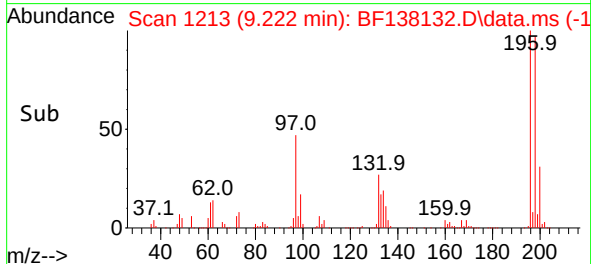
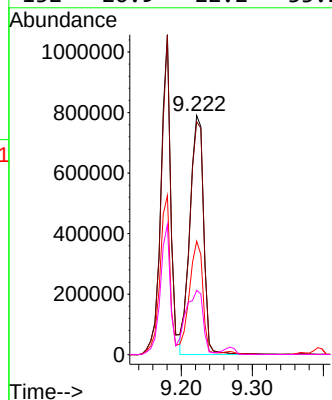
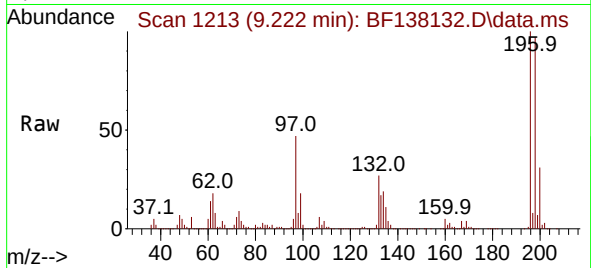




#44
2,4,5-Trichlorophenol
Concen: 45.484 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.012 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

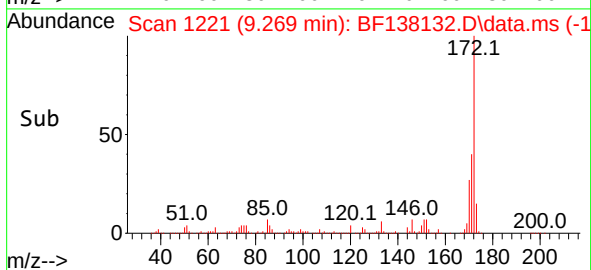
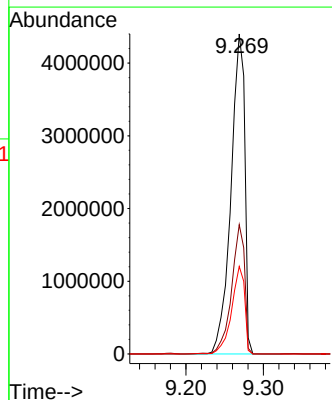
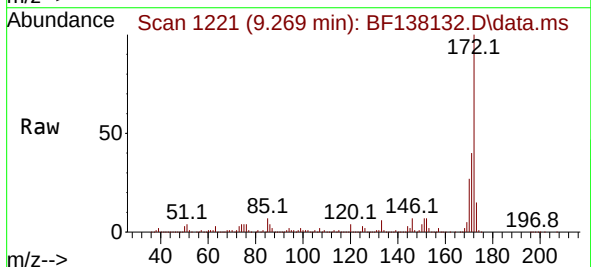
Instrument :
BNA_F
ClientSampleId :
PB161196BS

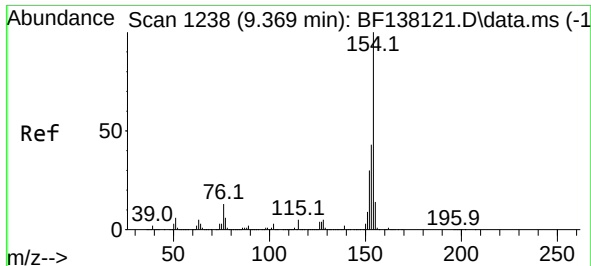
Tgt Ion:196 Resp: 1064710
Ion Ratio Lower Upper
196 100
198 97.4 77.4 116.0
97 47.4 39.5 59.3
132 26.9 22.2 33.2



#45
2-Fluorobiphenyl
Concen: 77.172 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.000 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion:172 Resp: 5469727
Ion Ratio Lower Upper
172 100
171 40.4 31.6 47.4
170 27.3 21.4 32.2





#46

1,1'-Biphenyl

Concen: 40.402 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

Instrument :

BNA_F

ClientSampleId :

PB161196BS

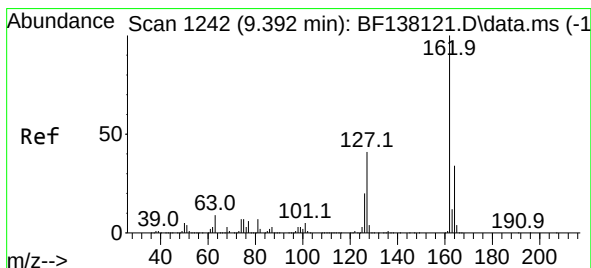
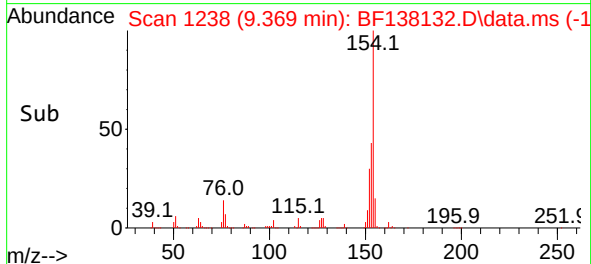
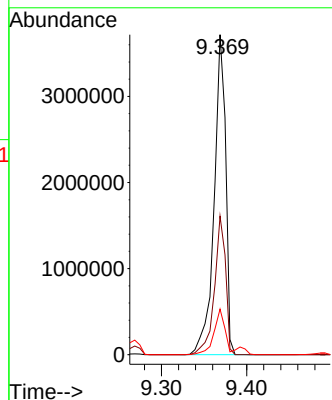
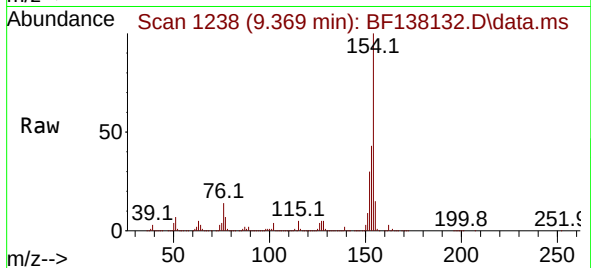
Tgt Ion:154 Resp: 3517041

Ion Ratio Lower Upper

154 100

153 43.3 22.7 62.7

76 14.2 0.0 33.3



#47

2-Chloronaphthalene

Concen: 40.162 ng

RT: 9.392 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

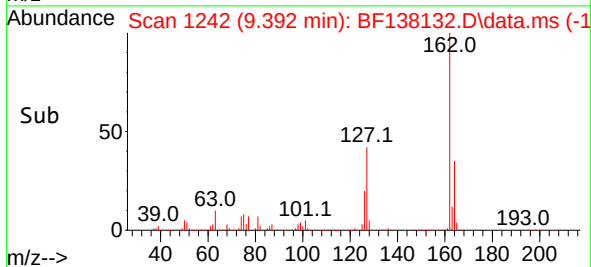
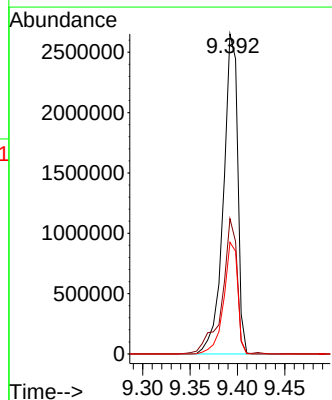
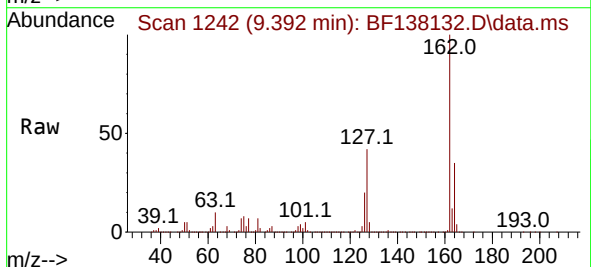
Tgt Ion:162 Resp: 2786217

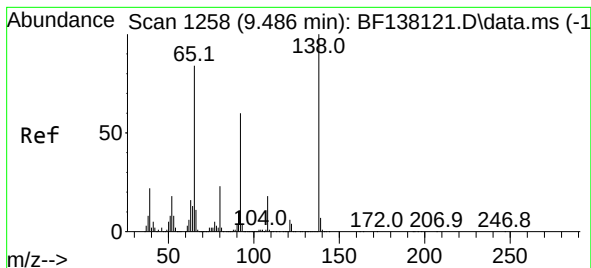
Ion Ratio Lower Upper

162 100

127 42.2 33.0 49.4

164 34.9 27.5 41.3





#48

2-Nitroaniline

Concen: 46.352 ng

RT: 9.486 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

Instrument :

BNA_F

ClientSampleId :

PB161196BS

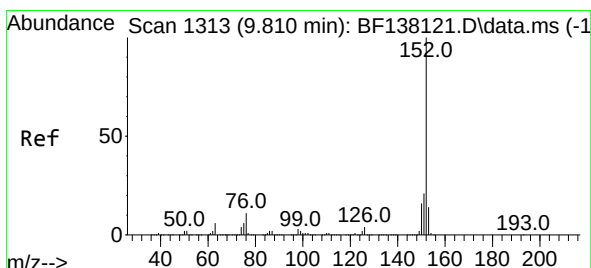
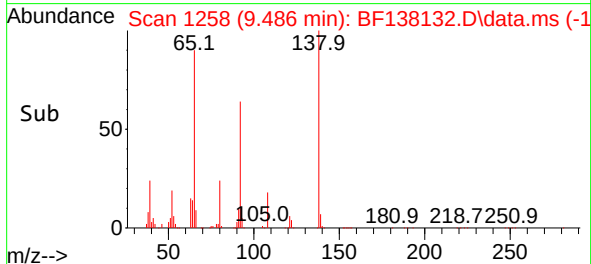
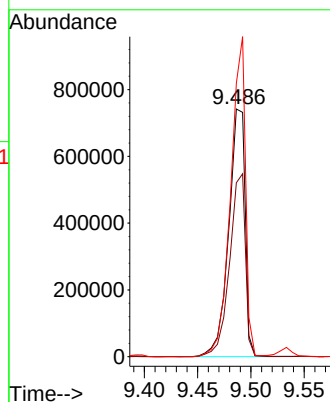
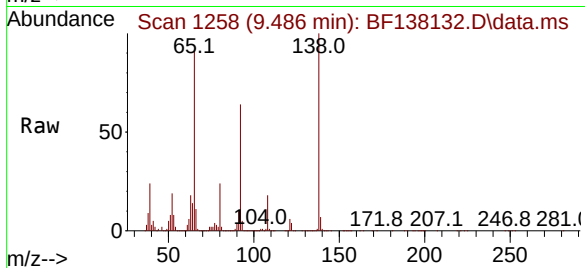
Tgt Ion: 65 Resp: 795905

Ion Ratio Lower Upper

65 100

92 70.2 57.3 85.9

138 110.4 95.4 143.2



#49

Acenaphthylene

Concen: 42.624 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.000 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

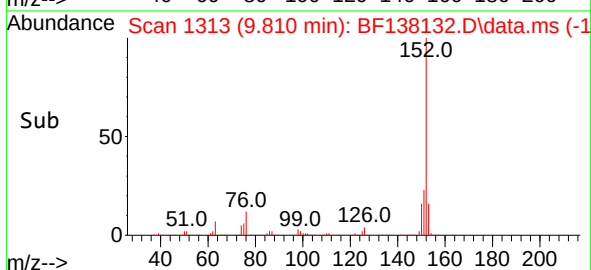
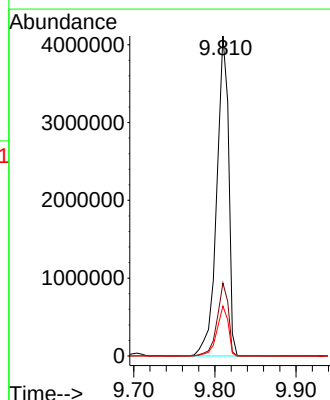
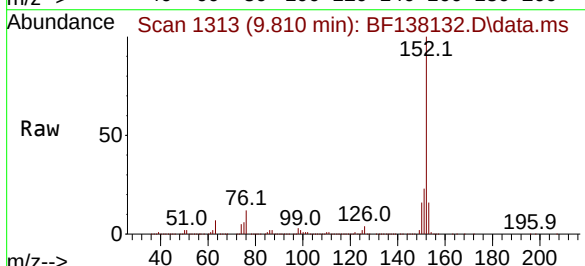
Tgt Ion: 152 Resp: 4184538

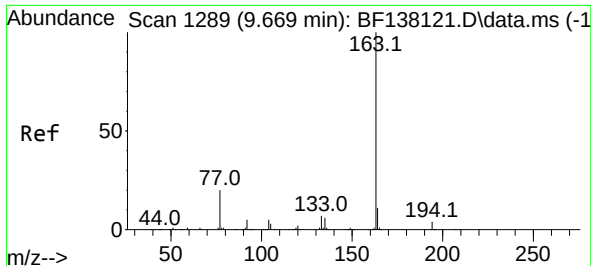
Ion Ratio Lower Upper

152 100

151 22.8 17.1 25.7

153 15.6 11.6 17.4

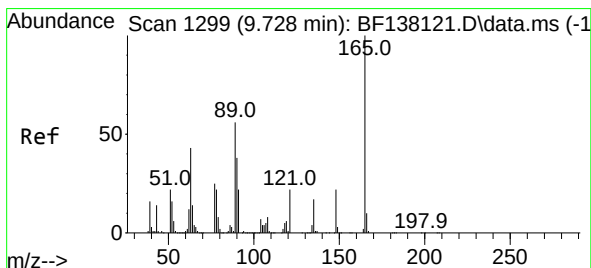
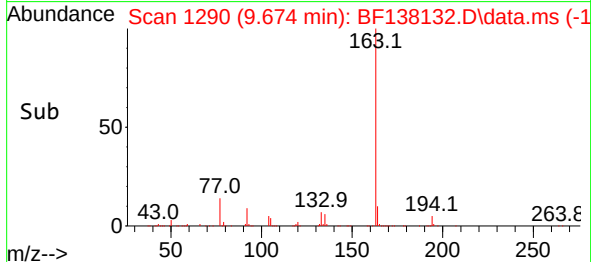
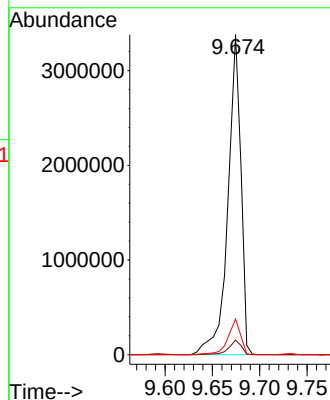
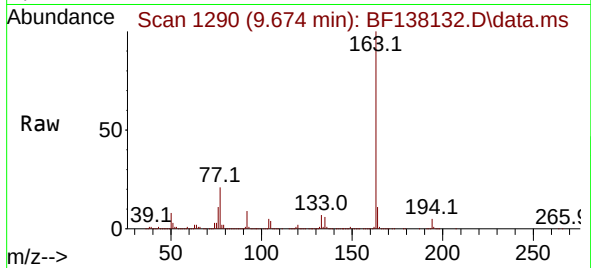




#50
Dimethylphthalate
Concen: 41.381 ng
RT: 9.674 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

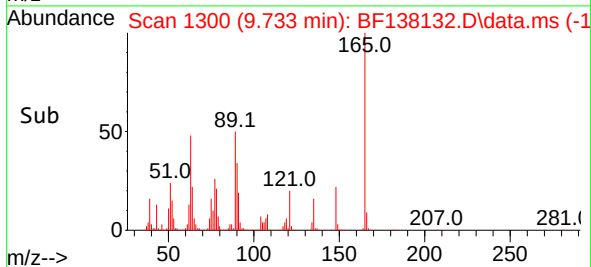
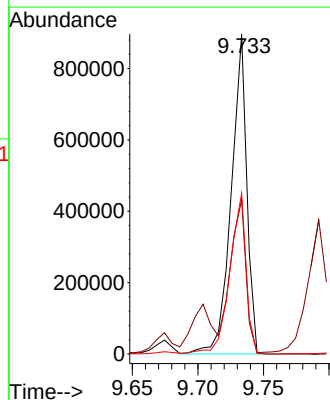
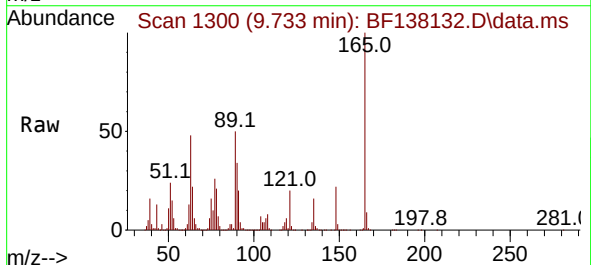
Instrument :
BNA_F
ClientSampleId :
PB161196BS

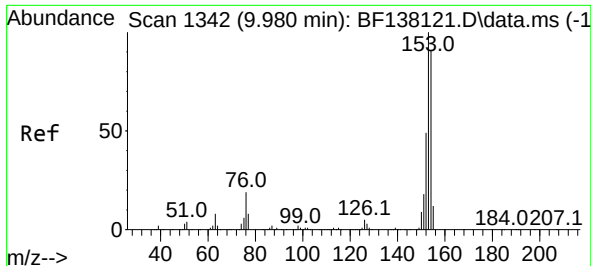
Tgt Ion:163 Resp: 3222364
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 11.1 8.6 12.8



#51
2,6-Dinitrotoluene
Concen: 44.180 ng
RT: 9.733 min Scan# 1300
Delta R.T. 0.005 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion:165 Resp: 741749
Ion Ratio Lower Upper
165 100
63 48.2 42.9 64.3
89 50.1 45.0 67.4

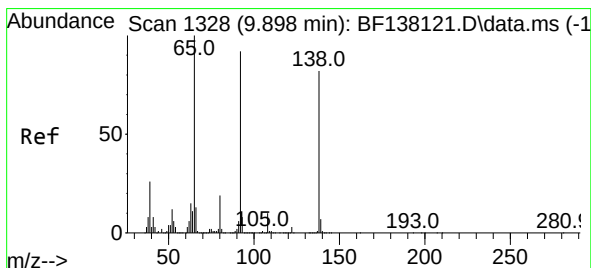
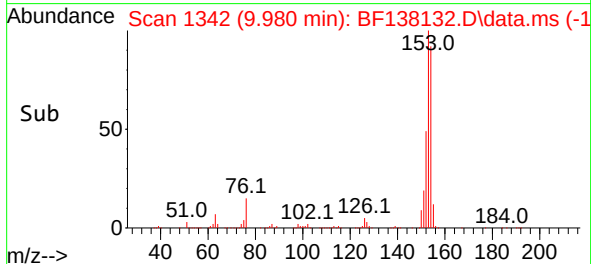
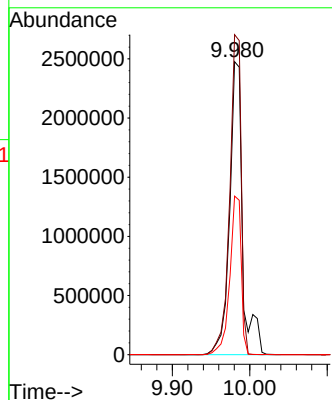
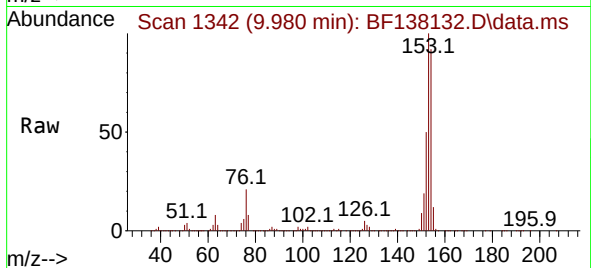




#52
Acenaphthene
Concen: 43.451 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

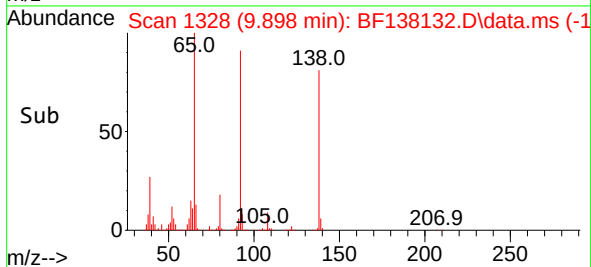
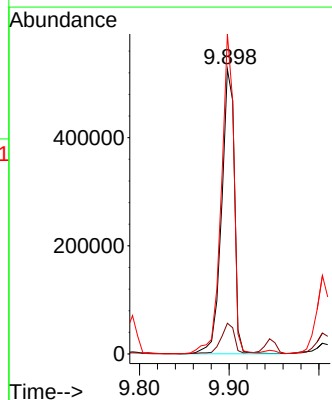
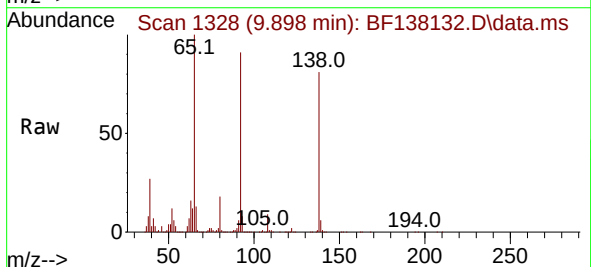
Instrument :
BNA_F
ClientSampleId :
PB161196BS

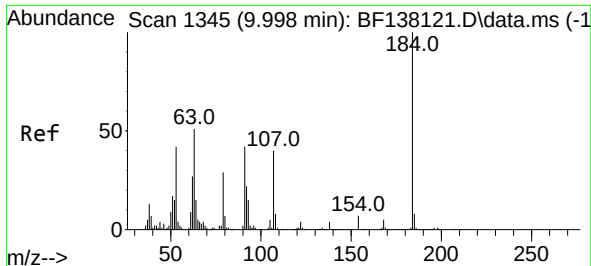
Tgt Ion:154 Resp: 2882270
Ion Ratio Lower Upper
154 100
153 109.2 87.6 131.4
152 54.1 43.0 64.6



#53
3-Nitroaniline
Concen: 31.905 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion:138 Resp: 521942
Ion Ratio Lower Upper
138 100
108 10.8 10.3 15.5
92 112.4 89.5 134.3

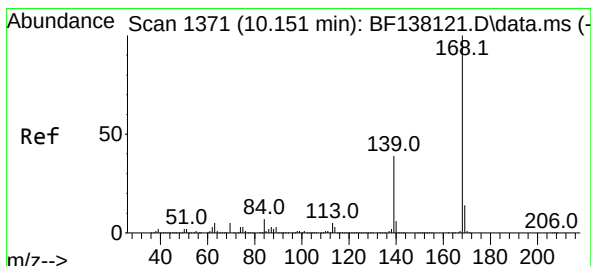
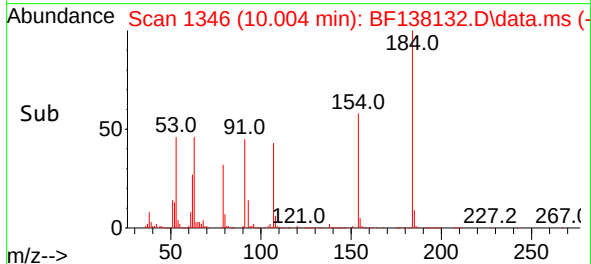
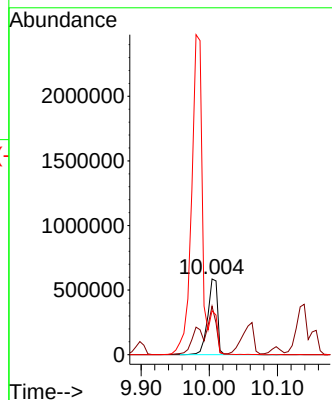
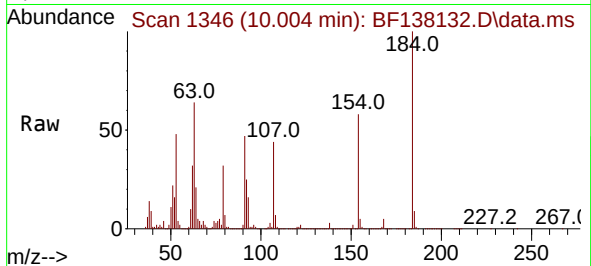




#54
2,4-Dinitrophenol
Concen: 86.096 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

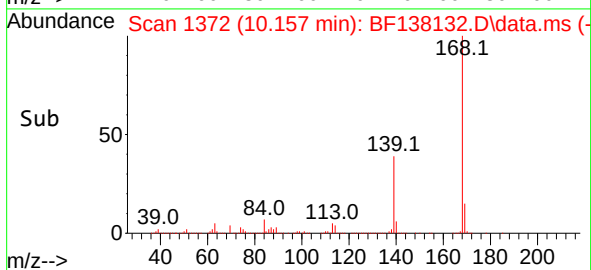
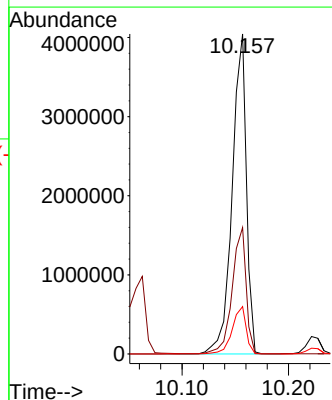
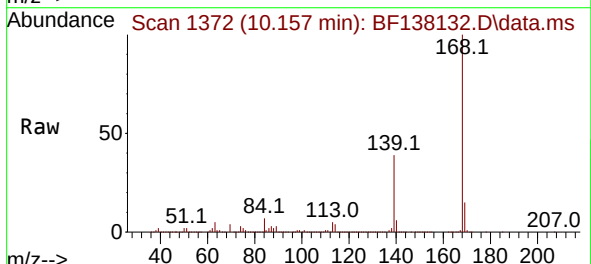
Instrument :
BNA_F
ClientSampleId :
PB161196BS

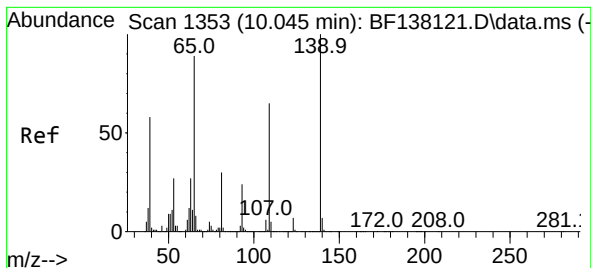
Tgt Ion:184 Resp: 589363
Ion Ratio Lower Upper
184 100
63 64.2 45.4 68.0
154 58.1 46.0 69.0



#55
Dibenzofuran
Concen: 40.005 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion:168 Resp: 3753405
Ion Ratio Lower Upper
168 100
139 39.5 31.1 46.7
169 14.8 11.6 17.4

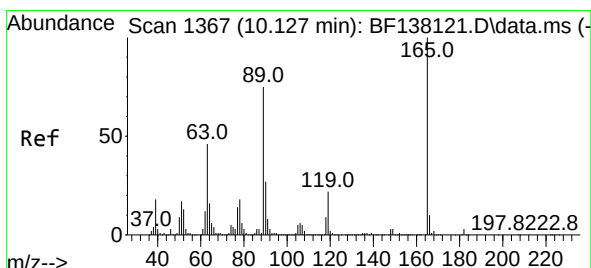
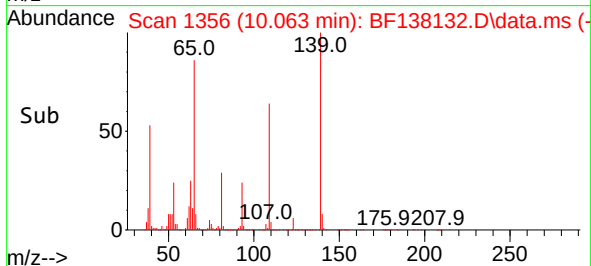
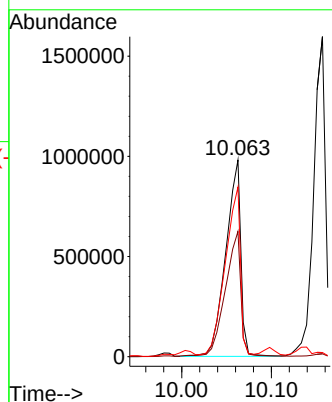
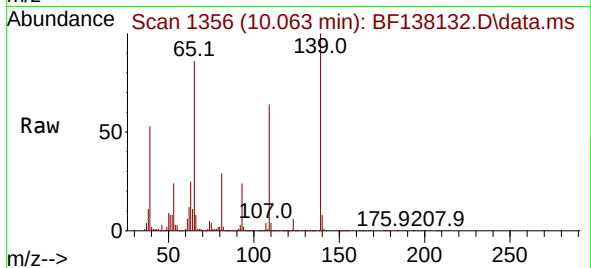




#56
4-Nitrophenol
Concen: 96.554 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.018 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

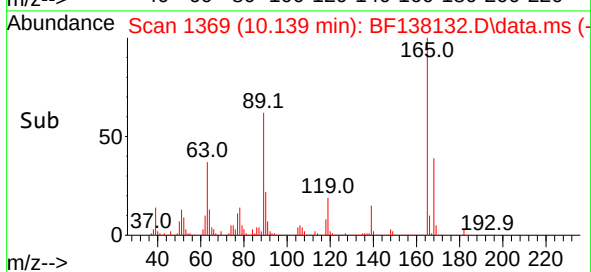
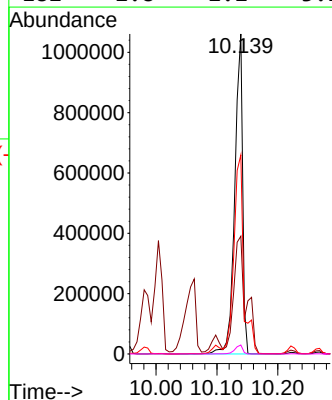
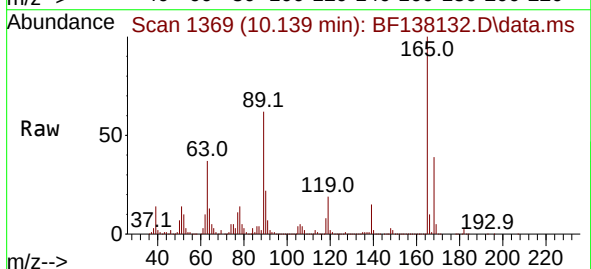
Instrument :
BNA_F
ClientSampleId :
PB161196BS

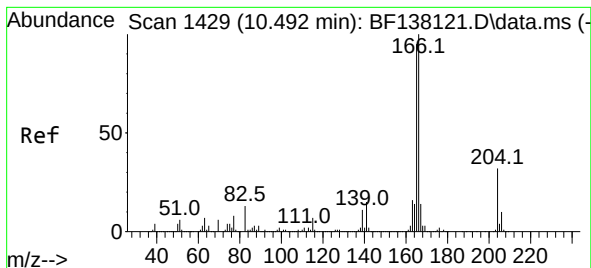
Tgt Ion:139 Resp: 1143592
Ion Ratio Lower Upper
139 100
109 63.7 45.5 85.5
65 86.2 69.1 109.1



#57
2,4-Dinitrotoluene
Concen: 47.004 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.012 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion:165 Resp: 944936
Ion Ratio Lower Upper
165 100
63 36.8 36.8 55.2
89 62.2 60.2 90.2
182 2.8 2.2 3.2





#58

Fluorene

Concen: 38.063 ng

RT: 10.498 min Scan# 1429

Delta R.T. 0.006 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

Instrument :

BNA_F

ClientSampleId :

PB161196BS

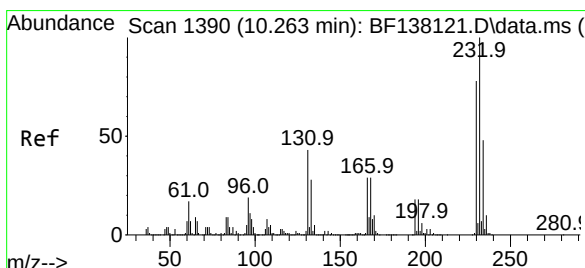
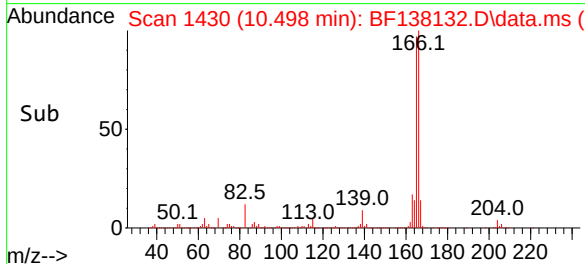
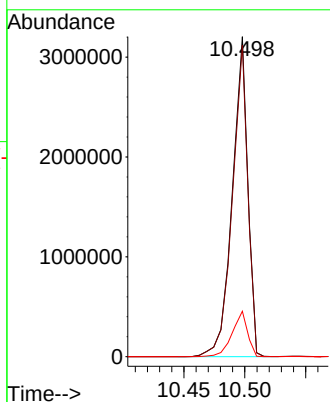
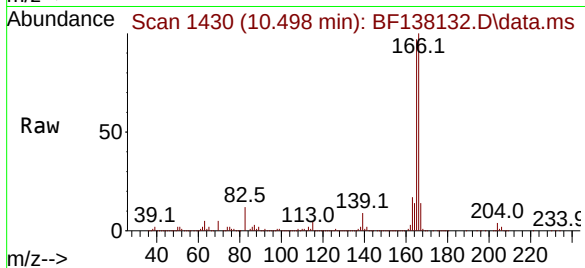
Tgt Ion:166 Resp: 2836553

Ion Ratio Lower Upper

166 100

165 97.4 76.3 114.5

167 14.2 11.2 16.8



#59

2,3,4,6-Tetrachlorophenol

Concen: 47.246 ng

RT: 10.269 min Scan# 1391

Delta R.T. 0.006 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

Tgt Ion:232 Resp: 872338

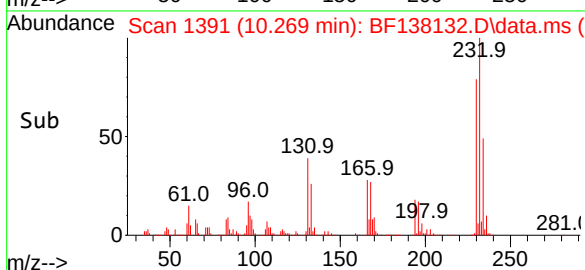
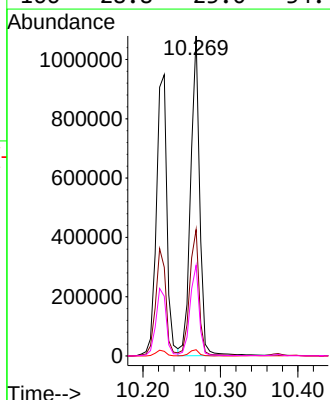
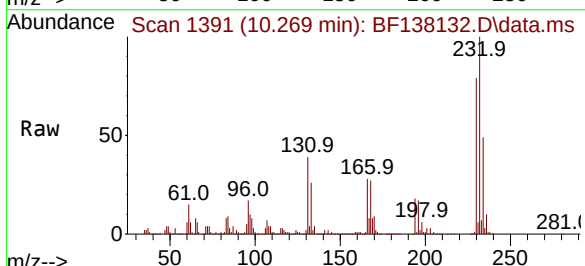
Ion Ratio Lower Upper

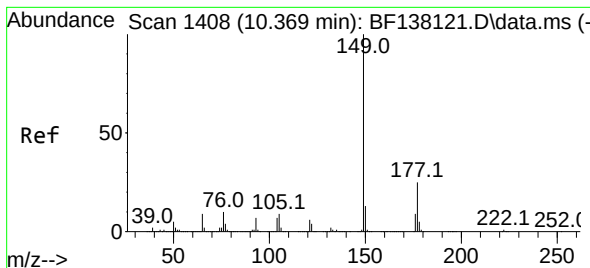
232 100

131 40.9 33.7 50.5

130 2.1 1.7 2.5

166 28.8 23.0 34.4

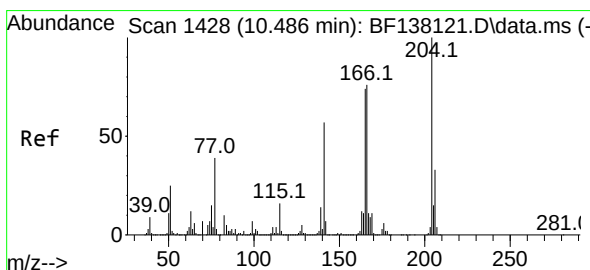
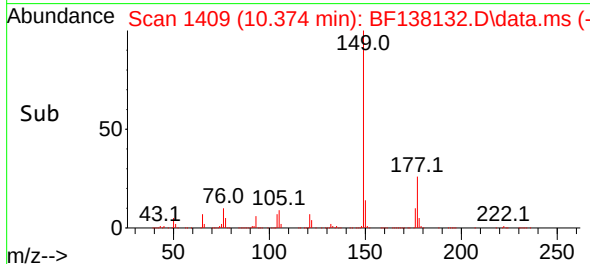
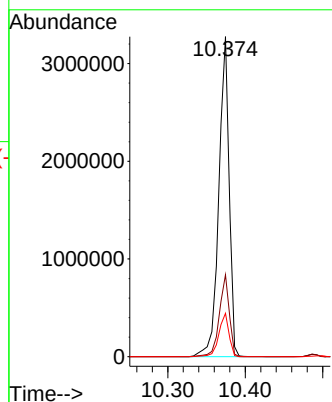
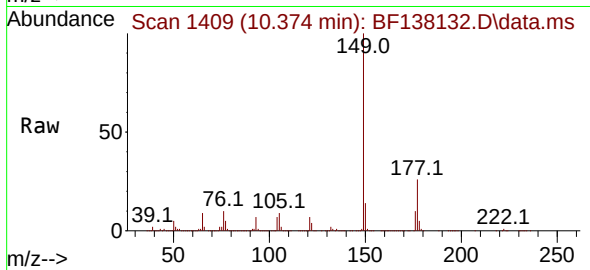




#60
Diethylphthalate
Concen: 39.865 ng
RT: 10.374 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

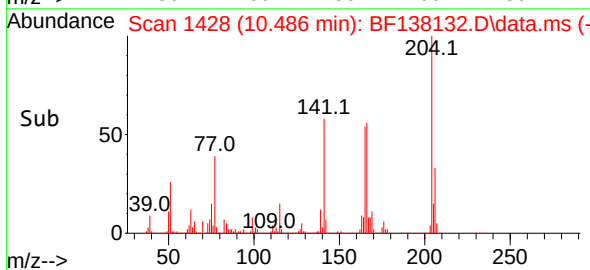
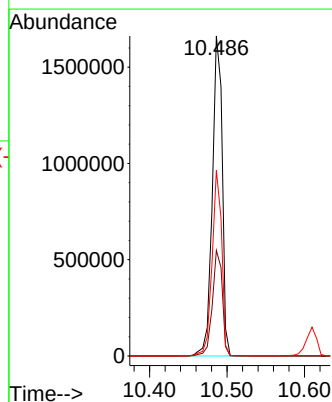
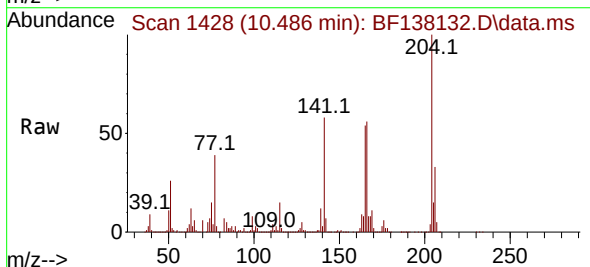
Instrument :
BNA_F
ClientSampleId :
PB161196BS

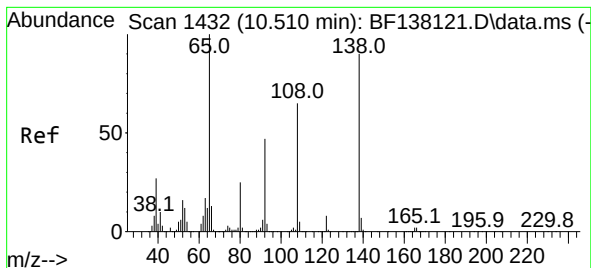
Tgt Ion:149 Resp: 3030486
Ion Ratio Lower Upper
149 100
177 25.6 19.9 29.9
150 13.5 10.7 16.1



#61
4-Chlorophenyl-phenylether
Concen: 38.941 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion:204 Resp: 1474308
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 58.0 45.2 67.8

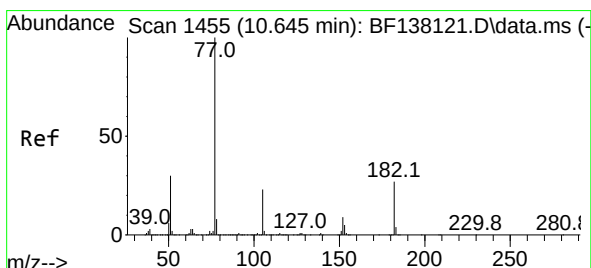
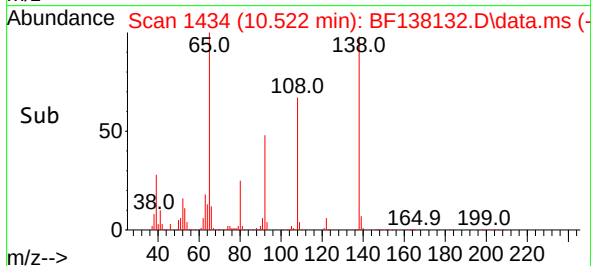
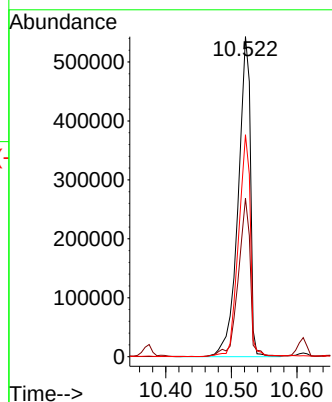
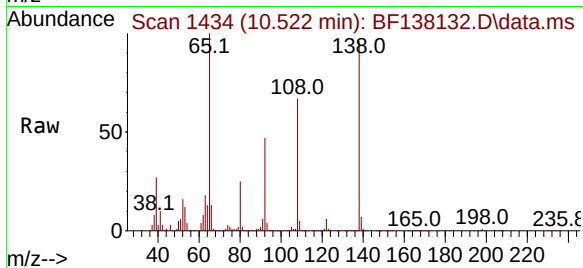




#62
4-Nitroaniline
Concen: 48.765 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.012 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

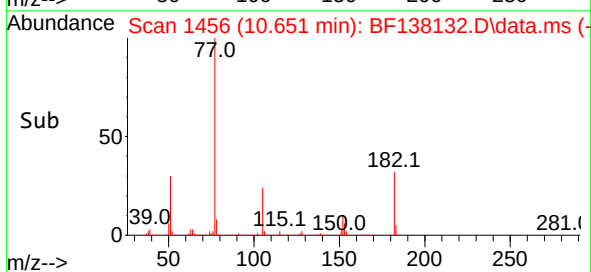
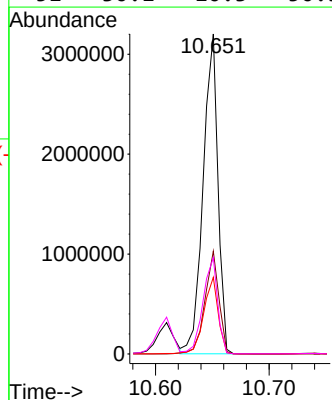
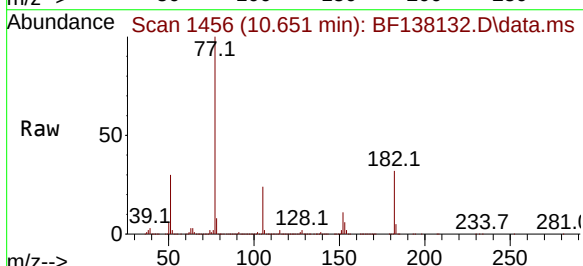
Instrument :
BNA_F
ClientSampleId :
PB161196BS

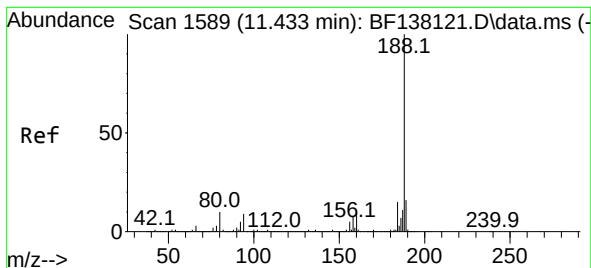
Tgt Ion:138 Resp: 708804
Ion Ratio Lower Upper
138 100
92 49.5 32.3 72.3
108 69.3 53.0 93.0



#63
Azobenzene
Concen: 39.591 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion: 77 Resp: 2898835
Ion Ratio Lower Upper
77 100
182 32.1 7.2 47.2
105 24.0 3.0 43.0
51 30.1 10.3 50.3

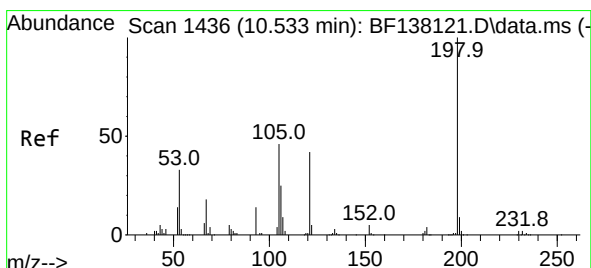
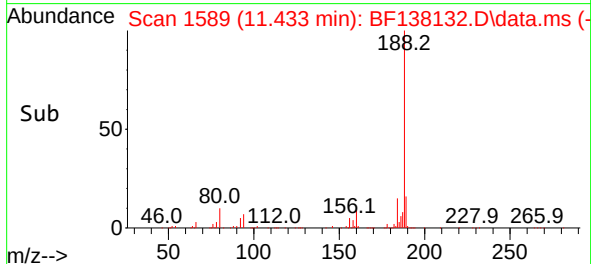
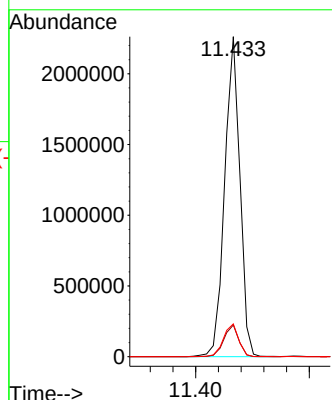
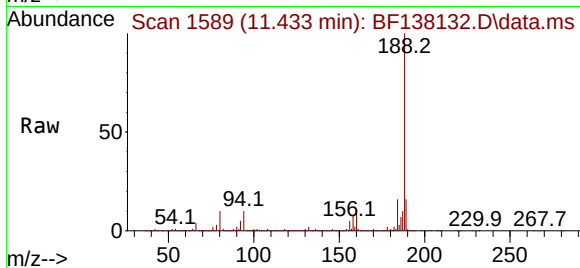




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

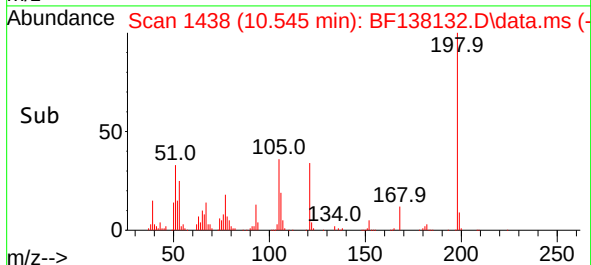
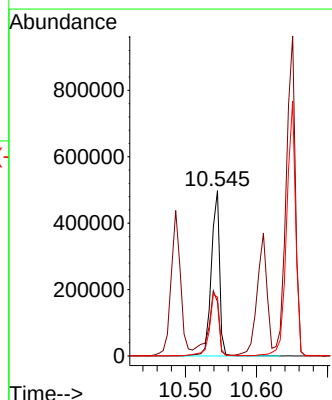
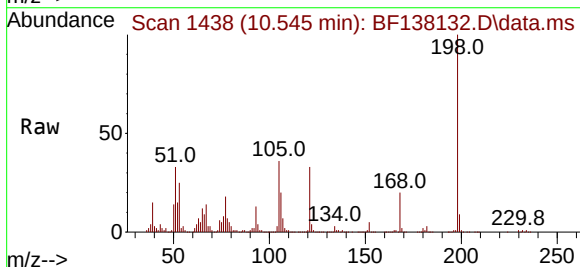
Instrument :
BNA_F
ClientSampleId :
PB161196BS

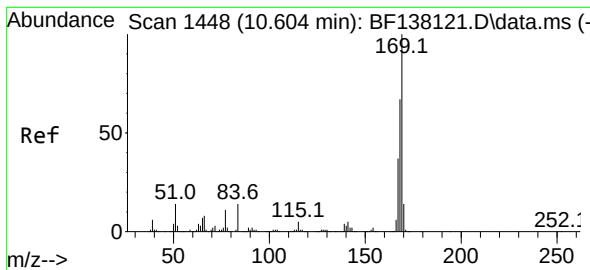
Tgt Ion:188 Resp: 2107693
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.2 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 50.529 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.012 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion:198 Resp: 403217
Ion Ratio Lower Upper
198 100
51 32.9 28.2 68.2
105 35.5 26.8 66.8

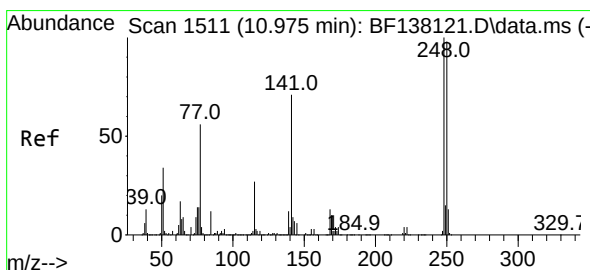
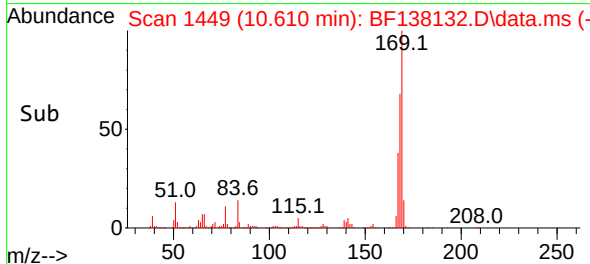
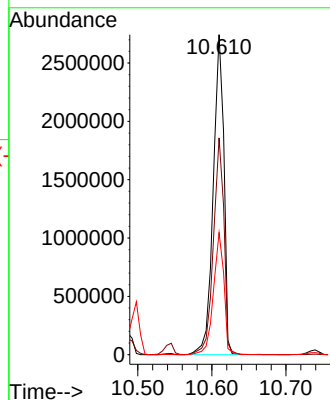
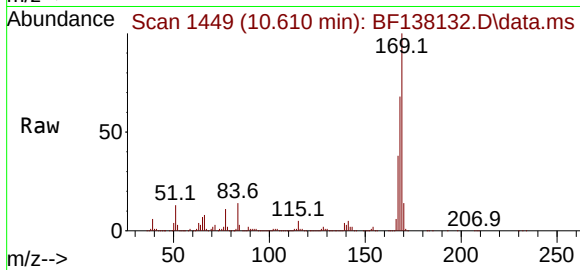




#66
n-Nitrosodiphenylamine
Concen: 43.321 ng
RT: 10.610 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

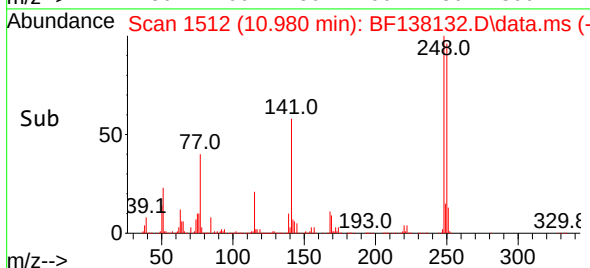
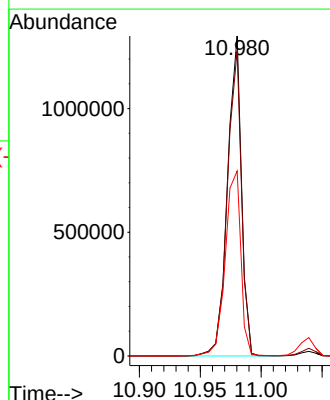
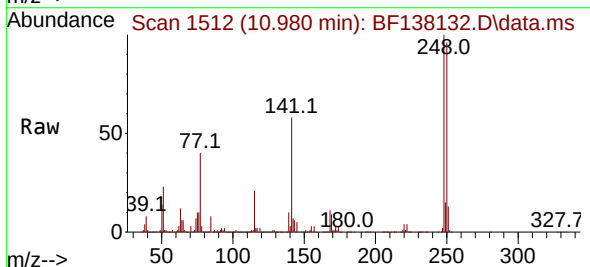
Instrument :
BNA_F
ClientSampleId :
PB161196BS

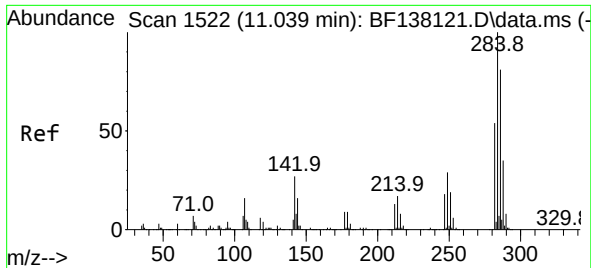
Tgt Ion:169 Resp: 2726627
Ion Ratio Lower Upper
169 100
168 67.8 53.4 80.2
167 38.2 29.8 44.6



#67
4-Bromophenyl-phenylether
Concen: 43.116 ng
RT: 10.980 min Scan# 1512
Delta R.T. 0.006 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion:248 Resp: 1034740
Ion Ratio Lower Upper
248 100
250 95.5 78.7 118.1
141 57.8 56.5 84.7

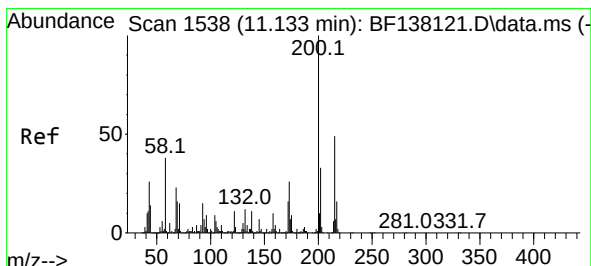
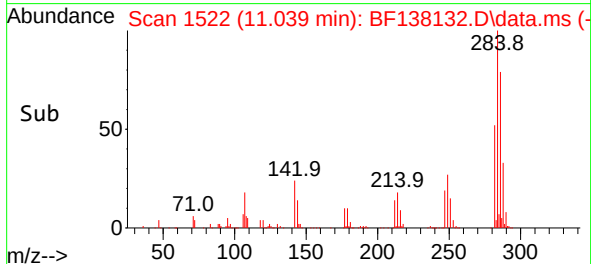
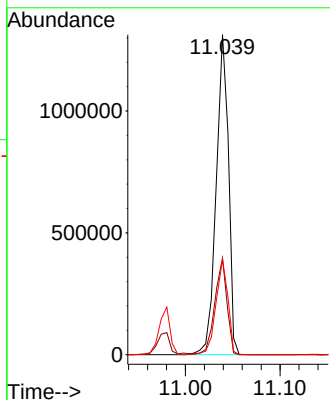
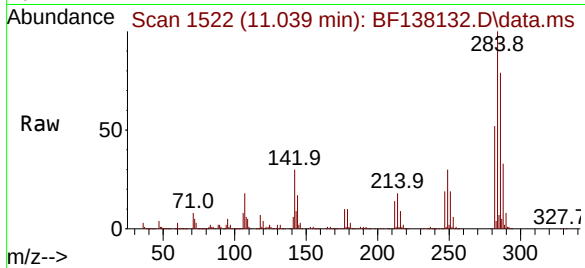




#68
Hexachlorobenzene
Concen: 42.520 ng
RT: 11.039 min Scan# 1522
Delta R.T. -0.000 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

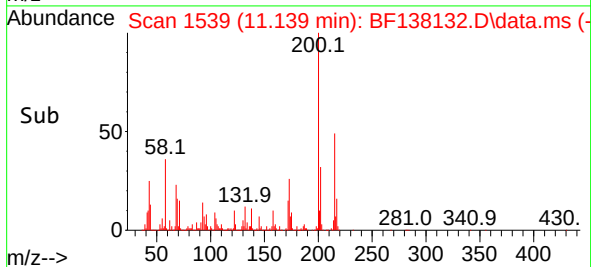
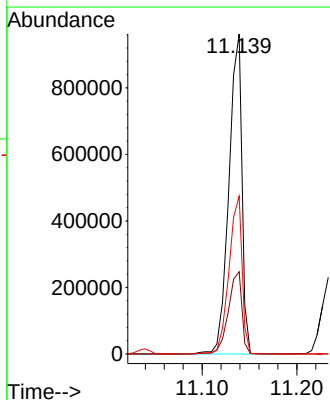
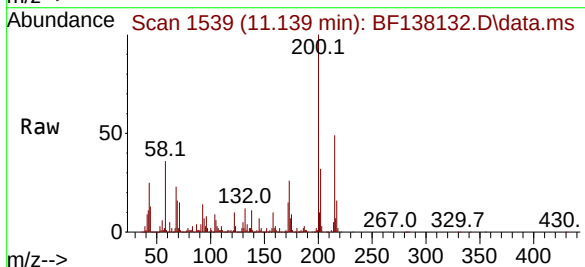
Instrument :
BNA_F
ClientSampleId :
PB161196BS

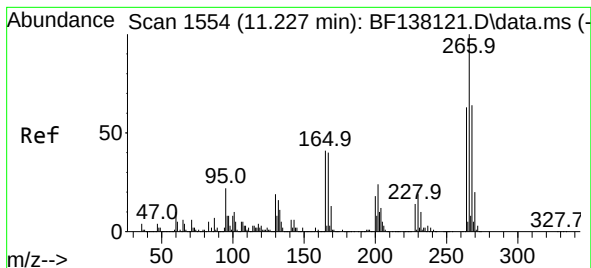
Tgt Ion:284 Resp: 1186301
Ion Ratio Lower Upper
284 100
142 30.2 21.4 32.0
249 29.8 23.3 34.9



#69
Atrazine
Concen: 45.499 ng
RT: 11.139 min Scan# 1539
Delta R.T. 0.006 min
Lab File: BF138132.D
Acq: 06 Jun 2024 14:36

Tgt Ion:200 Resp: 921373
Ion Ratio Lower Upper
200 100
173 25.7 5.7 45.7
215 49.3 29.4 69.4





#70

Pentachlorophenol

Concen: 90.250 ng

RT: 11.233 min Scan# 1555

Delta R.T. 0.006 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

Instrument :

BNA_F

ClientSampleId :

PB161196BS

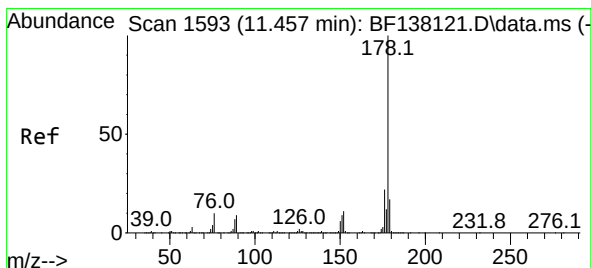
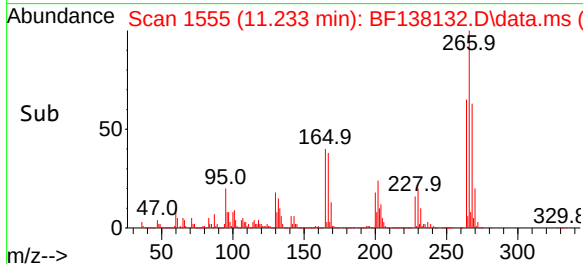
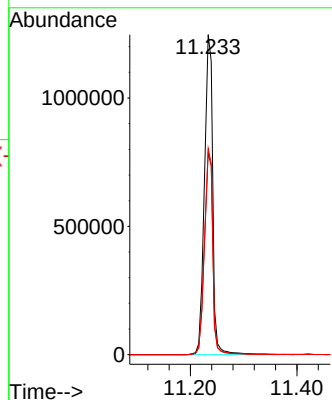
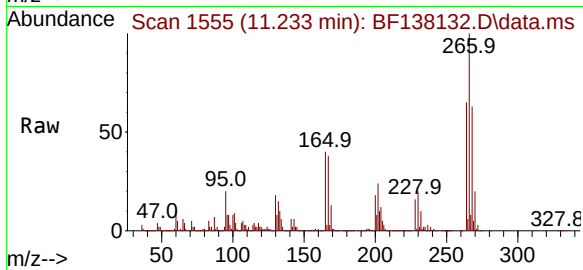
Tgt Ion:266 Resp: 1347895

Ion Ratio Lower Upper

266 100

268 63.0 51.4 77.0

264 64.5 50.1 75.1



#71

Phenanthrene

Concen: 40.200 ng

RT: 11.463 min Scan# 1594

Delta R.T. 0.006 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

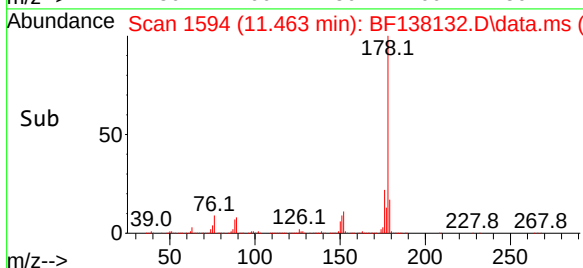
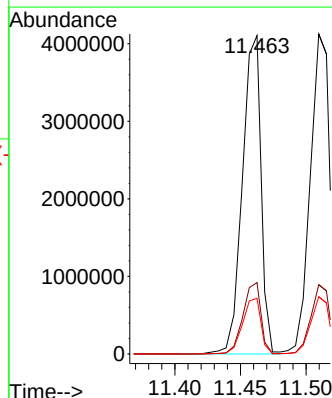
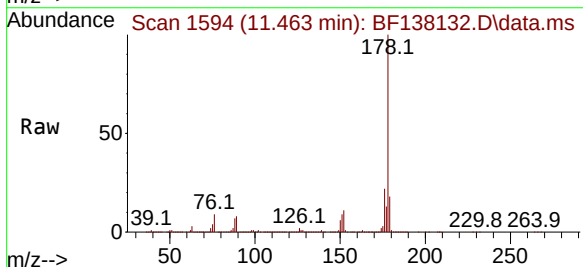
Tgt Ion:178 Resp: 4078861

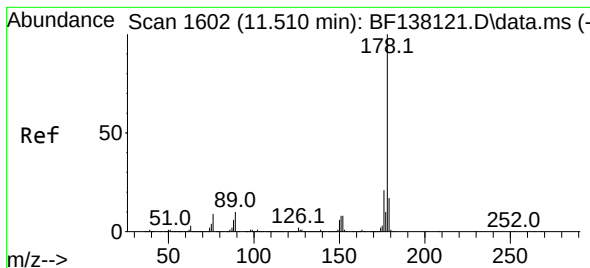
Ion Ratio Lower Upper

178 100

176 22.4 17.2 25.8

179 17.5 13.6 20.4





#72

Anthracene

Concen: 41.109 ng

RT: 11.510 min Scan# 1602

Delta R.T. -0.000 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

Instrument :

BNA_F

ClientSampleId :

PB161196BS

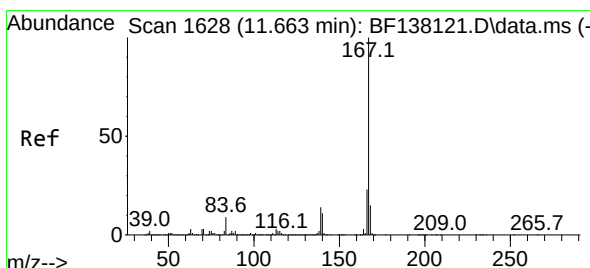
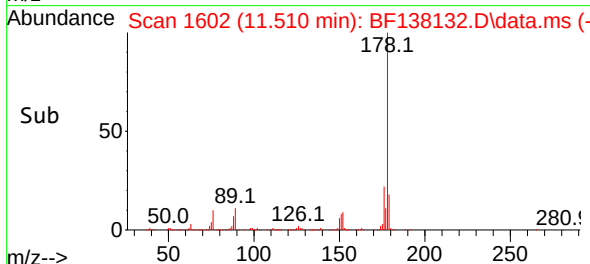
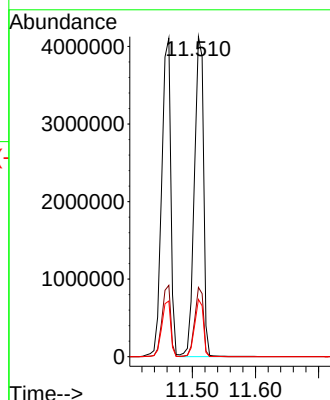
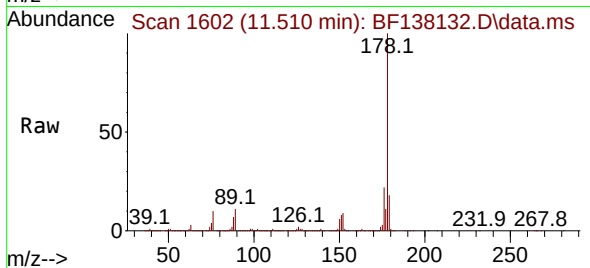
Tgt Ion:178 Resp: 4160255

Ion Ratio Lower Upper

178 100

176 21.7 16.5 24.7

179 17.9 13.6 20.4



#73

Carbazole

Concen: 40.257 ng

RT: 11.663 min Scan# 1628

Delta R.T. -0.000 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

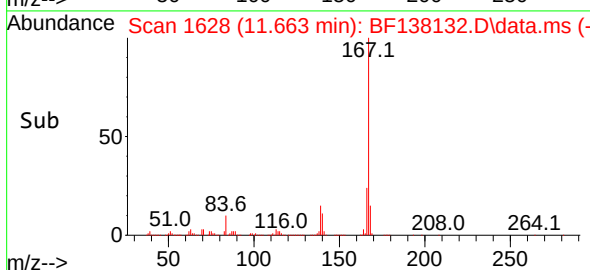
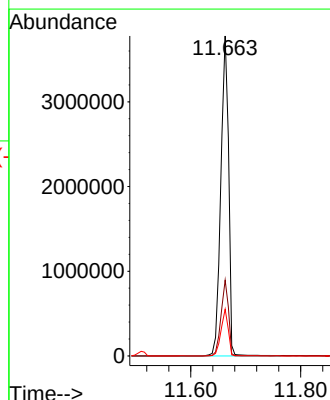
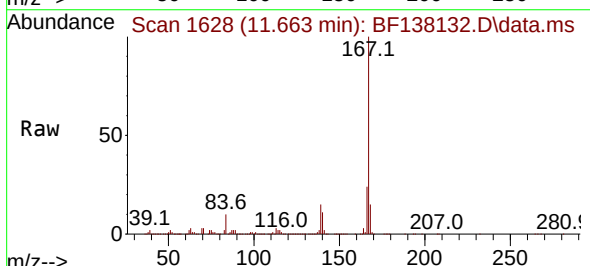
Tgt Ion:167 Resp: 3725706

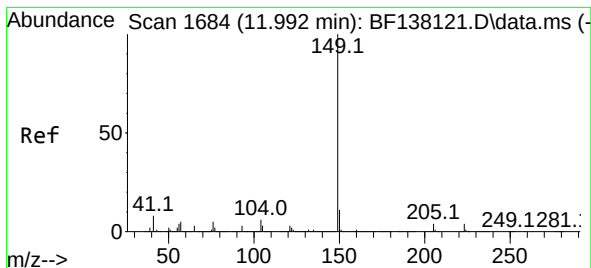
Ion Ratio Lower Upper

167 100

166 23.7 18.6 27.8

139 14.6 11.0 16.6





#74

Di-n-butylphthalate

Concen: 39.177 ng

RT: 11.998 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

Instrument :

BNA_F

ClientSampleId :

PB161196BS

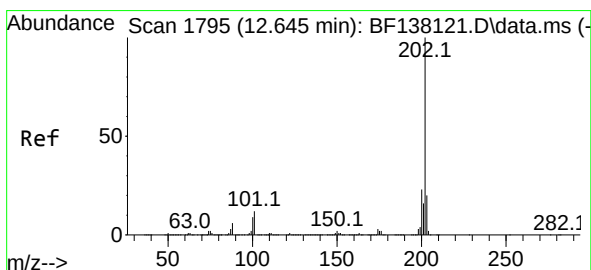
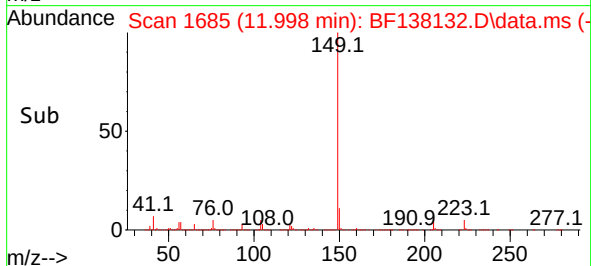
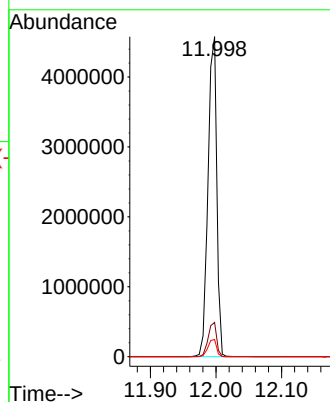
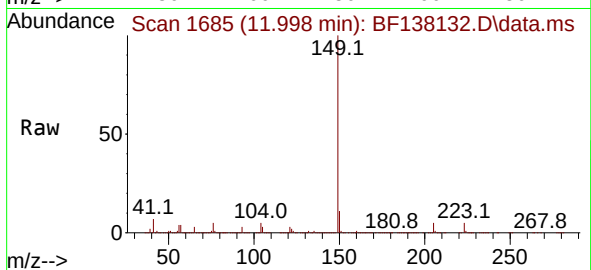
Tgt Ion:149 Resp: 4261762

Ion Ratio Lower Upper

149 100

150 10.7 8.5 12.7

104 5.4 4.4 6.6



#75

Fluoranthene

Concen: 38.603 ng

RT: 12.645 min Scan# 1795

Delta R.T. -0.000 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

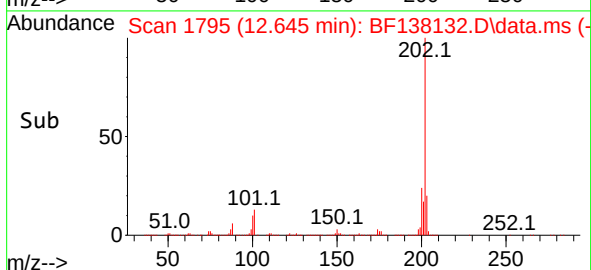
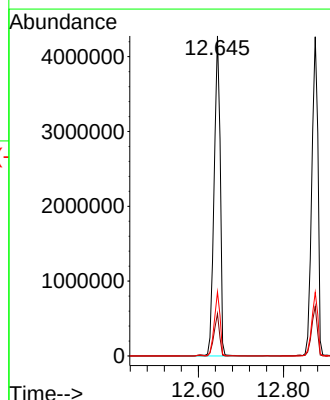
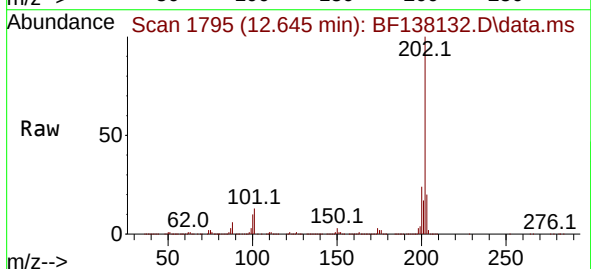
Tgt Ion:202 Resp: 4226247

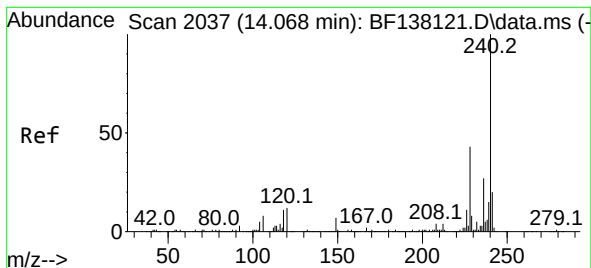
Ion Ratio Lower Upper

202 100

101 13.2 0.0 32.2

203 20.0 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: BF138132.D

Acq: 06 Jun 2024 14:36

Instrument :

BNA_F

ClientSampleId :

PB161196BS

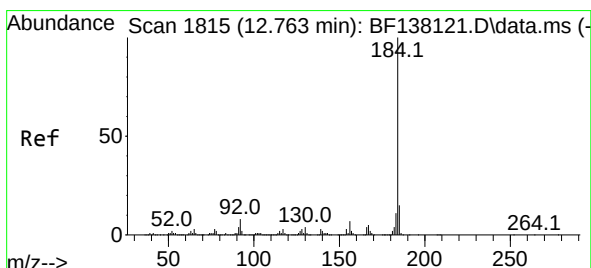
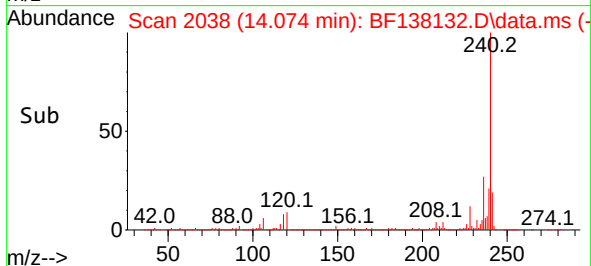
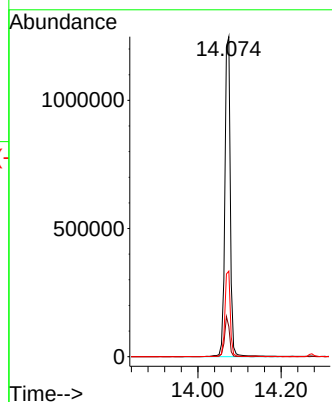
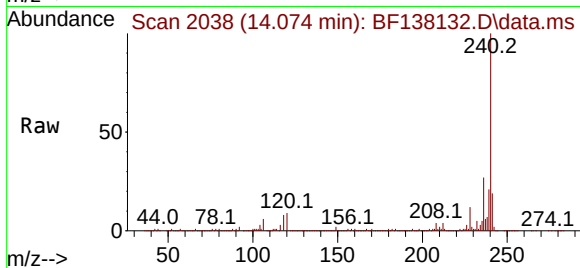
Tgt Ion:240 Resp: 1133130

Ion Ratio Lower Upper

240 100

120 9.4 9.8 14.8#

236 26.7 21.2 31.8



#77

Benzidine

Concen: 32.793 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

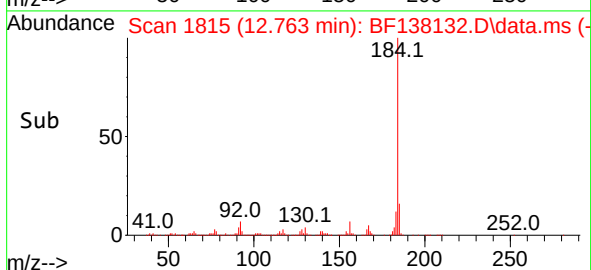
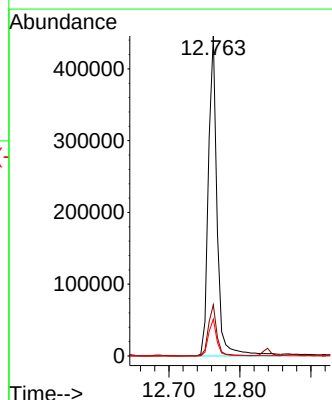
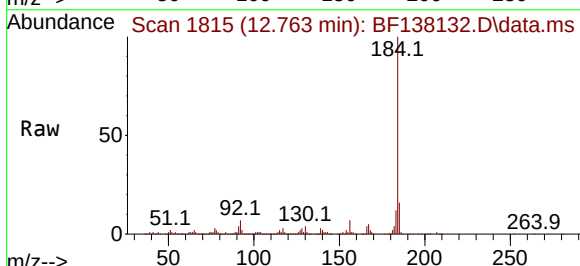
Tgt Ion:184 Resp: 382386

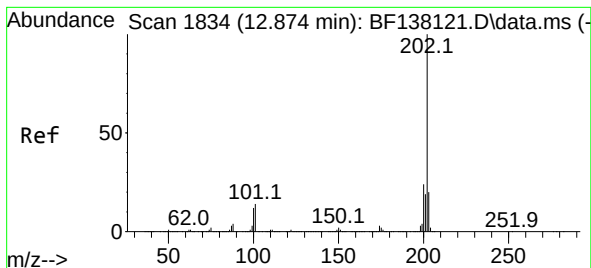
Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

183 11.5 9.0 13.4





#78

Pyrene

Concen: 41.678 ng

RT: 12.874 min Scan# 1834

Delta R.T. -0.000 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

Instrument :

BNA_F

ClientSampleId :

PB161196BS

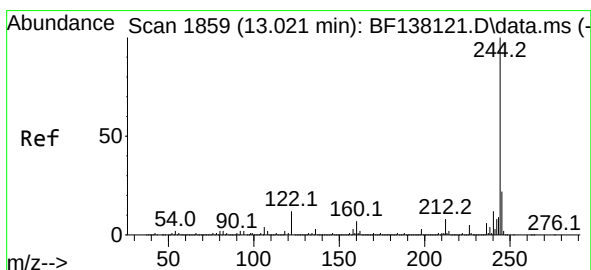
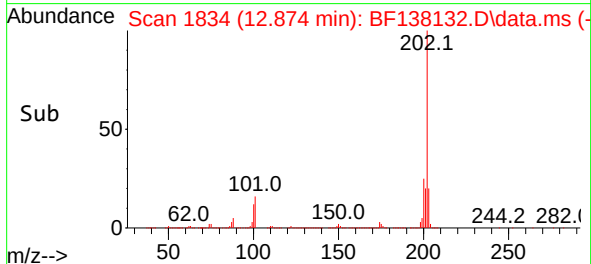
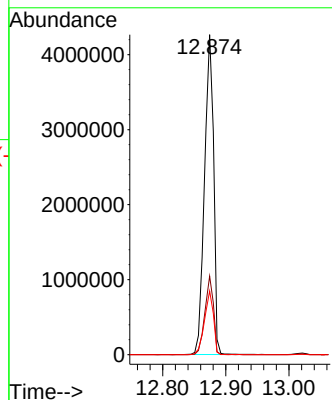
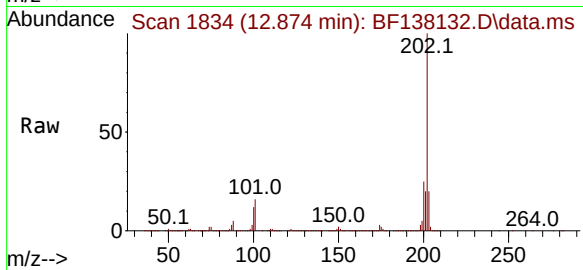
Tgt Ion:202 Resp: 4271099

Ion Ratio Lower Upper

202 100

200 24.6 19.1 28.7

203 19.9 15.6 23.4



#79

Terphenyl-d14

Concen: 78.114 ng

RT: 13.021 min Scan# 1859

Delta R.T. -0.000 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

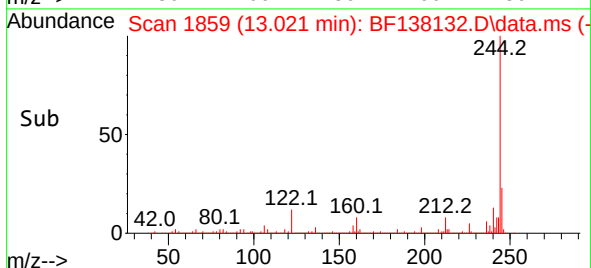
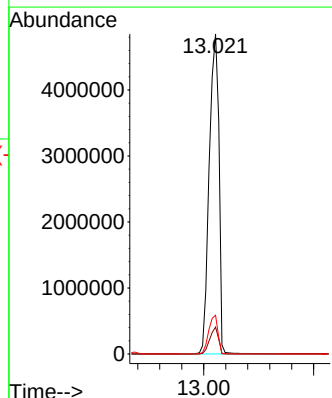
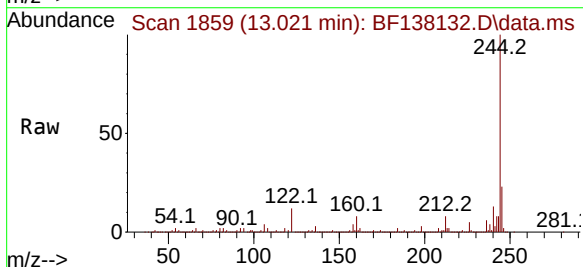
Tgt Ion:244 Resp: 5917692

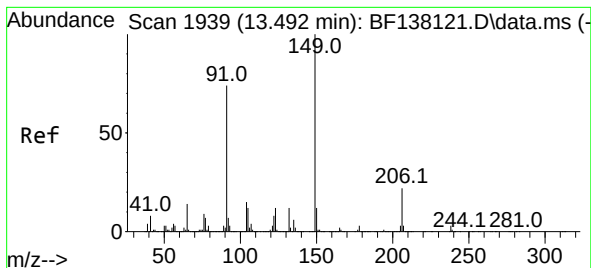
Ion Ratio Lower Upper

244 100

212 8.4 6.4 9.6

122 12.1 9.4 14.2





#80

Butylbenzylphthalate

Concen: 48.986 ng

RT: 13.498 min Scan# 1939

Delta R.T. 0.006 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

Instrument :

BNA_F

ClientSampleId :

PB161196BS

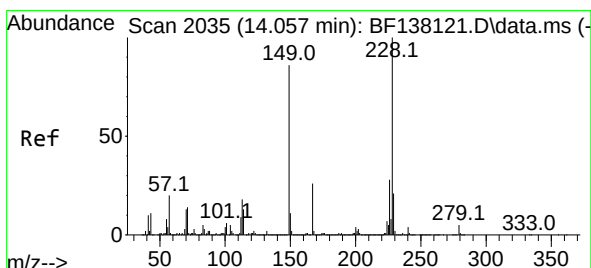
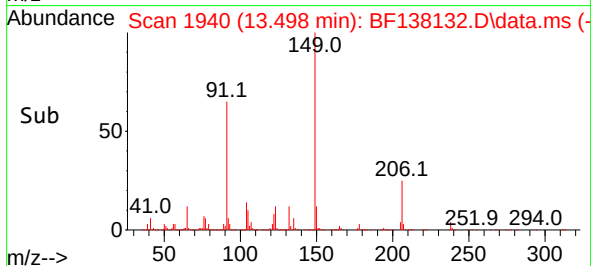
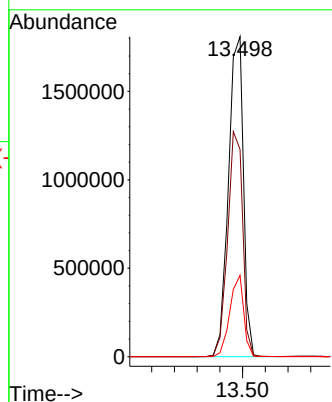
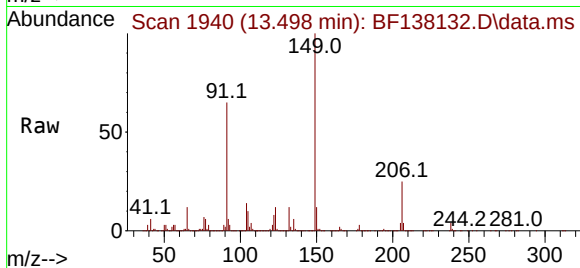
Tgt Ion:149 Resp: 1657668

Ion Ratio Lower Upper

149 100

91 64.8 59.6 89.4

206 25.4 17.8 26.6



#81

Benzo(a)anthracene

Concen: 41.121 ng

RT: 14.062 min Scan# 2036

Delta R.T. 0.006 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

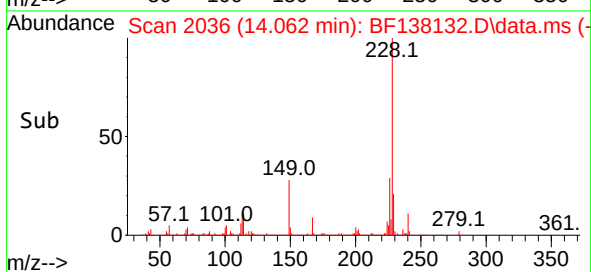
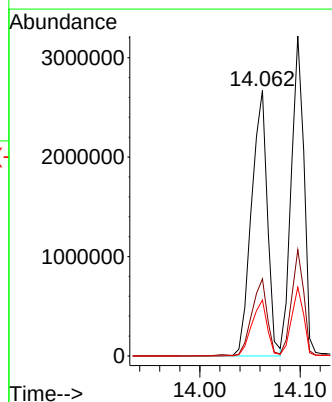
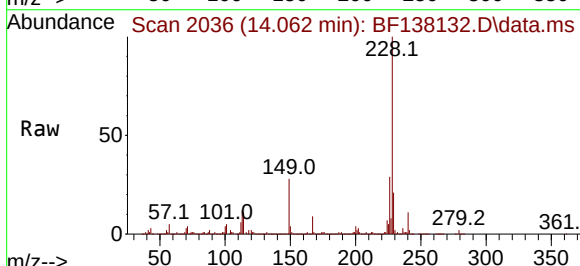
Tgt Ion:228 Resp: 2939732

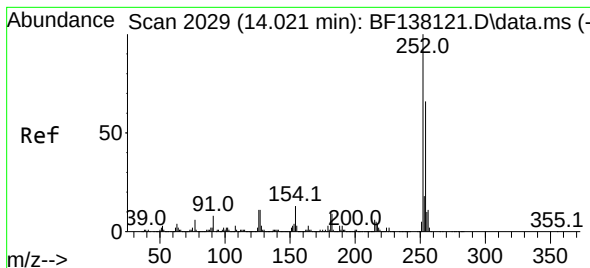
Ion Ratio Lower Upper

228 100

226 29.1 22.7 34.1

229 21.1 16.7 25.1

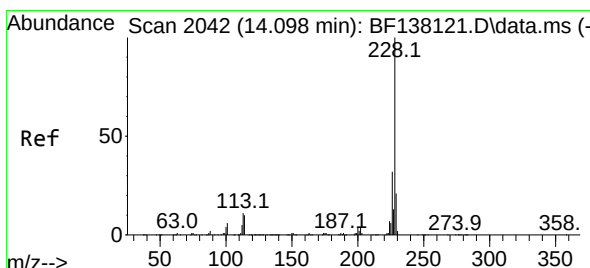
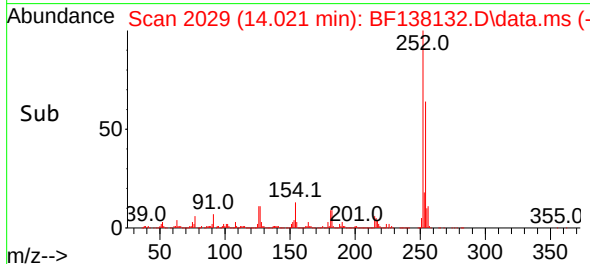
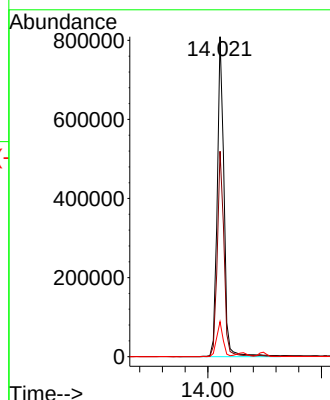
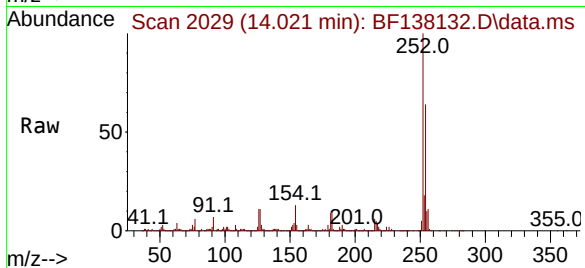




#82
 3,3'-Dichlorobenzidine
 Concen: 36.507 ng
 RT: 14.021 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: BF138132.D
 Acq: 06 Jun 2024 14:36

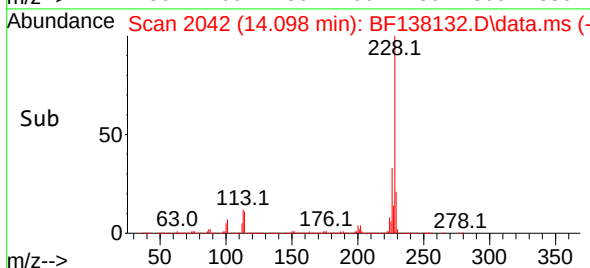
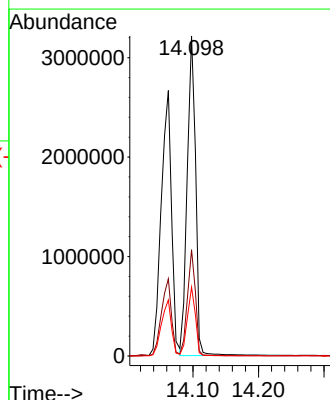
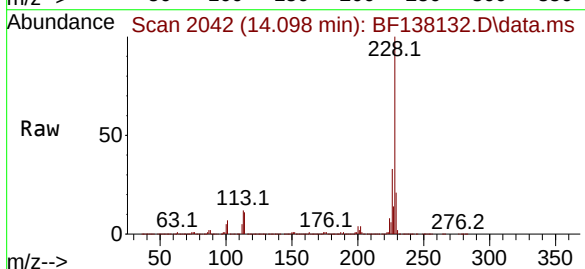
Instrument :
 BNA_F
 ClientSampleId :
 PB161196BS

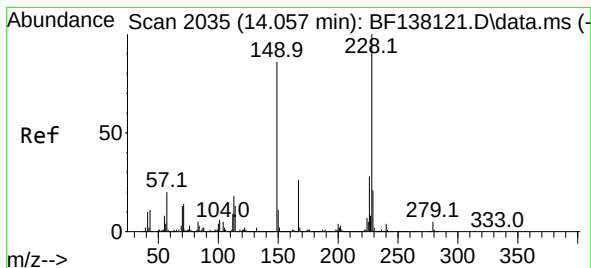
Tgt Ion:252 Resp: 661508
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.9 79.3
 126 10.9 8.8 13.2



#83
 Chrysene
 Concen: 41.591 ng
 RT: 14.098 min Scan# 2042
 Delta R.T. -0.000 min
 Lab File: BF138132.D
 Acq: 06 Jun 2024 14:36

Tgt Ion:228 Resp: 2853565
 Ion Ratio Lower Upper
 228 100
 226 33.2 25.6 38.4
 229 21.5 16.6 25.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 44.044 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

Instrument :

BNA_F

ClientSampleId :

PB161196BS

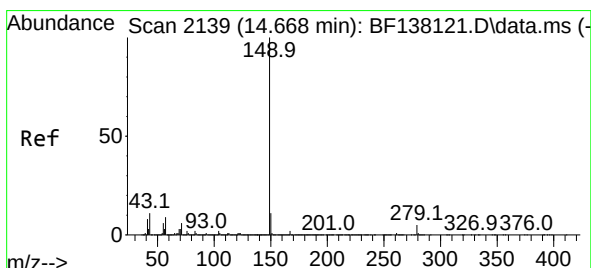
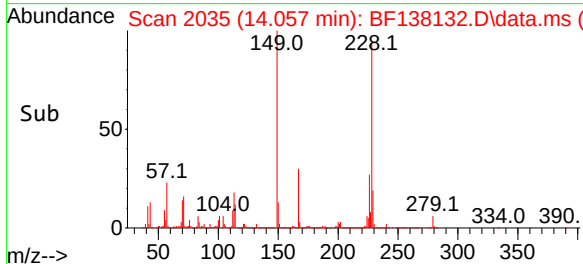
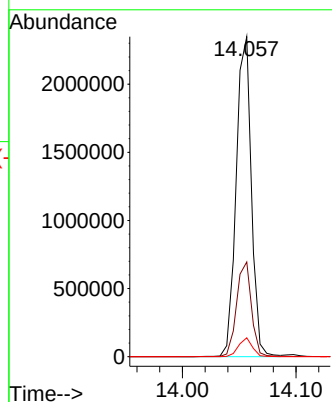
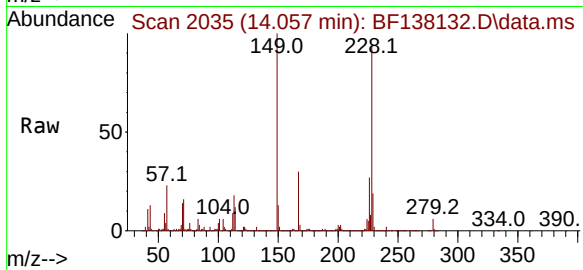
Tgt Ion:149 Resp: 2171435

Ion Ratio Lower Upper

149 100

167 29.6 24.2 36.2

279 5.9 4.6 6.8



#85

Di-n-octyl phthalate

Concen: 47.074 ng

RT: 14.668 min Scan# 2139

Delta R.T. -0.000 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

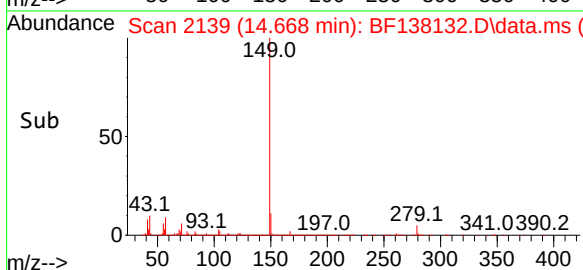
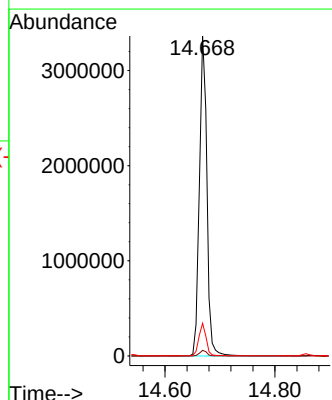
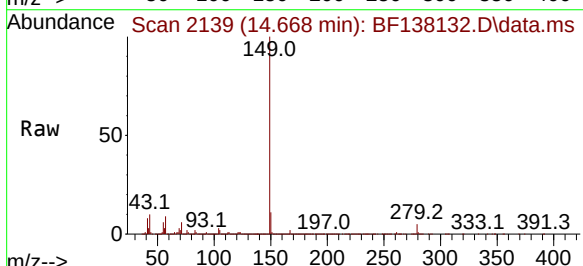
Tgt Ion:149 Resp: 3194568

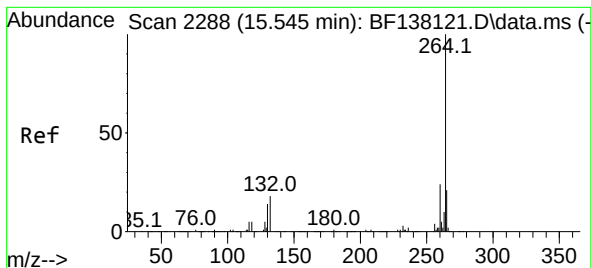
Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 9.9 8.4 12.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

Instrument :

BNA_F

ClientSampleId :

PB161196BS

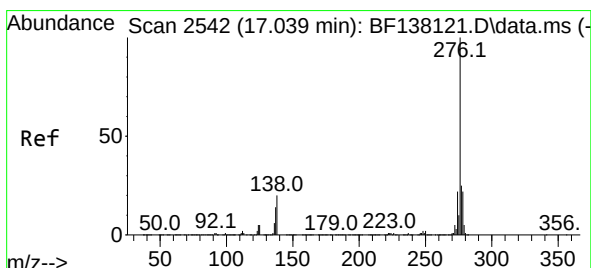
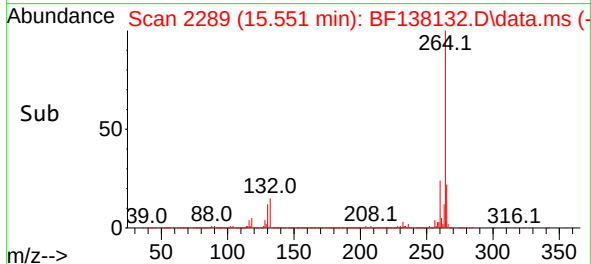
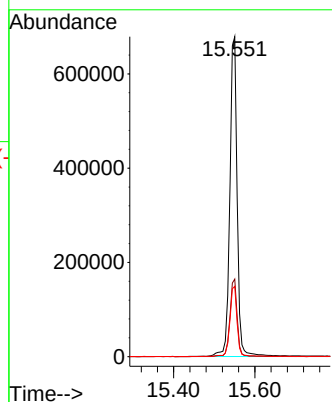
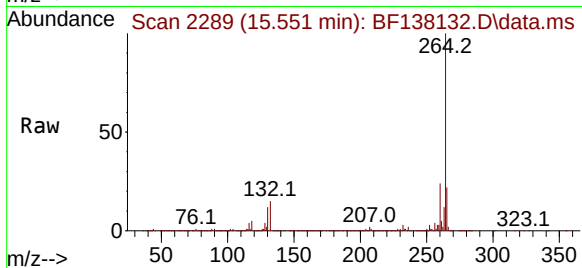
Tgt Ion:264 Resp: 862304

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 22.0 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 44.590 ng

RT: 17.039 min Scan# 2542

Delta R.T. -0.000 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

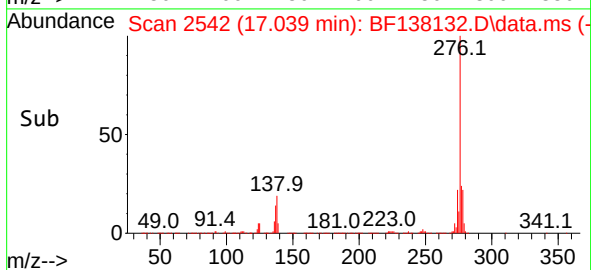
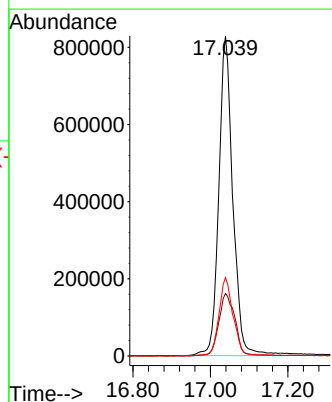
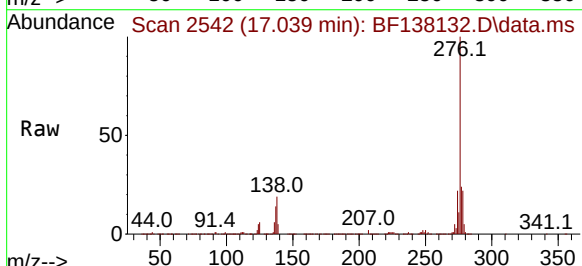
Tgt Ion:276 Resp: 2080864

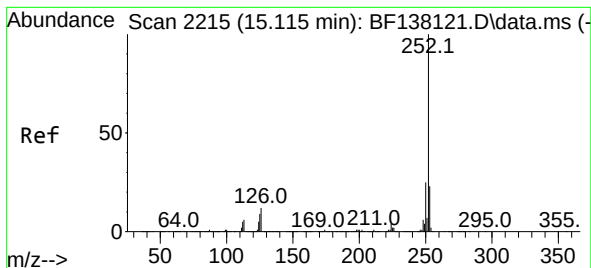
Ion Ratio Lower Upper

276 100

138 22.5 18.9 28.3

277 25.2 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 42.879 ng

RT: 15.115 min Scan# 2215

Delta R.T. -0.000 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

Instrument :

BNA_F

ClientSampleId :

PB161196BS

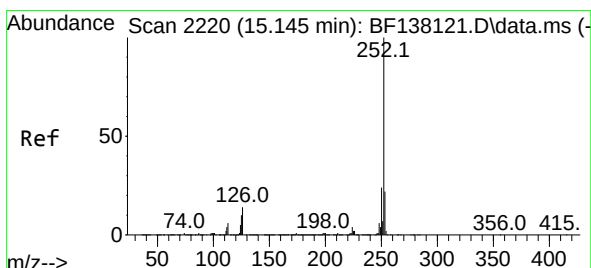
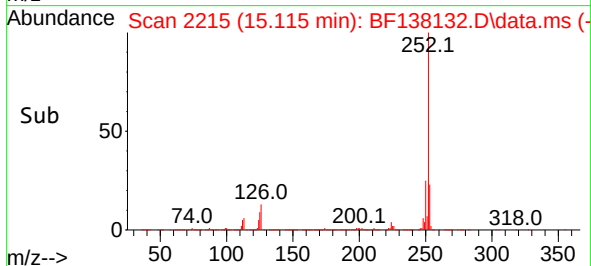
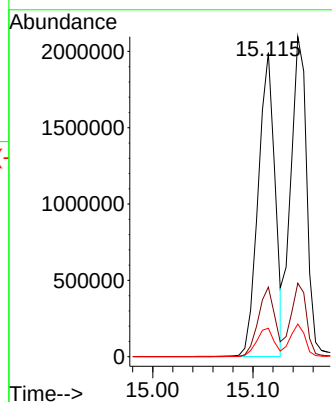
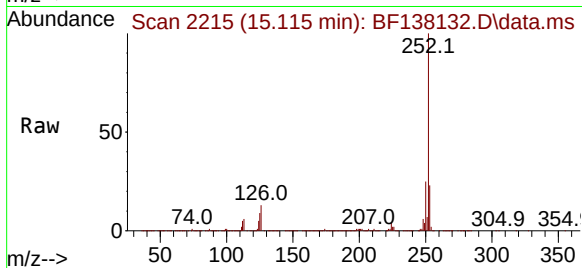
Tgt Ion:252 Resp: 2324437

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

125 9.4 7.4 11.2



#89

Benzo(k)fluoranthene

Concen: 45.829 ng

RT: 15.145 min Scan# 2220

Delta R.T. -0.000 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

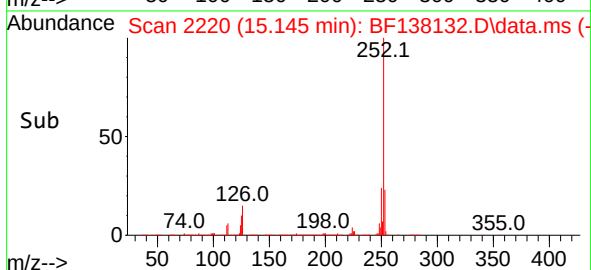
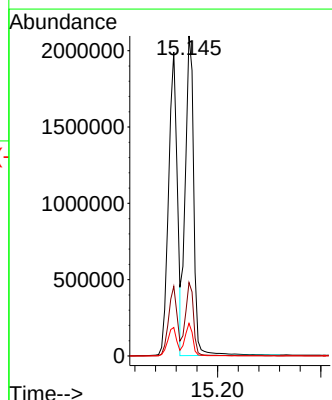
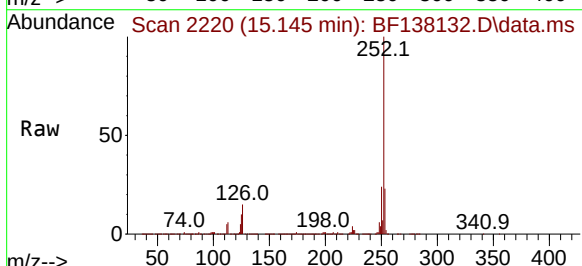
Tgt Ion:252 Resp: 2369149

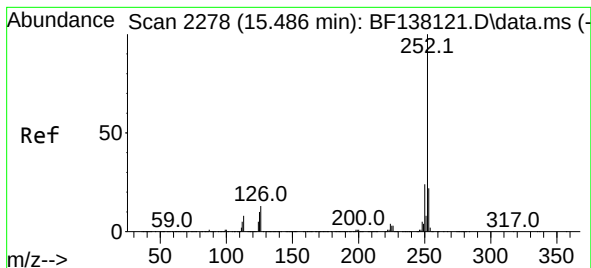
Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

125 10.2 7.8 11.6





#90

Benzo(a)pyrene

Concen: 48.077 ng

RT: 15.486 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

Instrument :

BNA_F

ClientSampleId :

PB161196BS

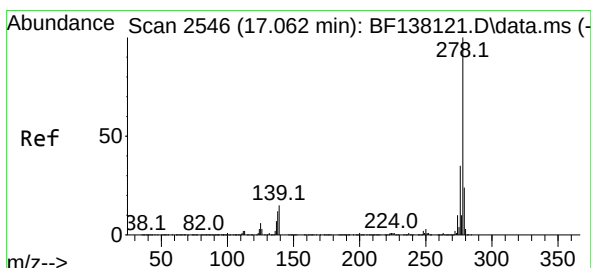
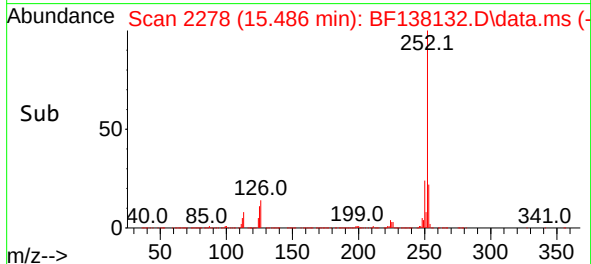
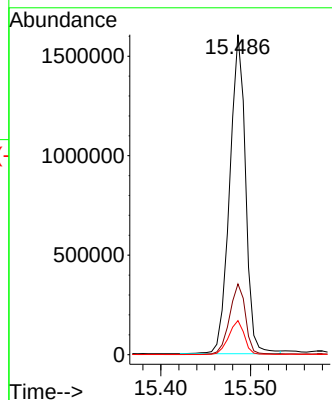
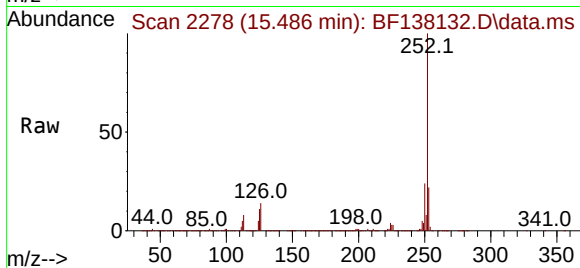
Tgt Ion:252 Resp: 1973803

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 10.7 8.0 12.0



#91

Dibenzo(a,h)anthracene

Concen: 44.685 ng

RT: 17.062 min Scan# 2546

Delta R.T. 0.000 min

Lab File: BF138132.D

Acq: 06 Jun 2024 14:36

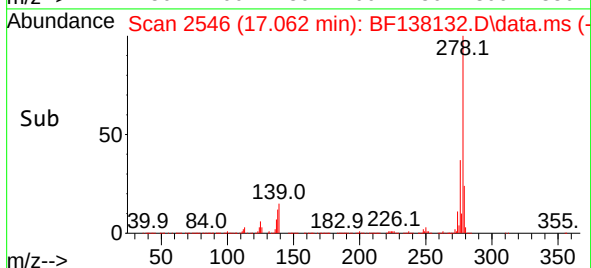
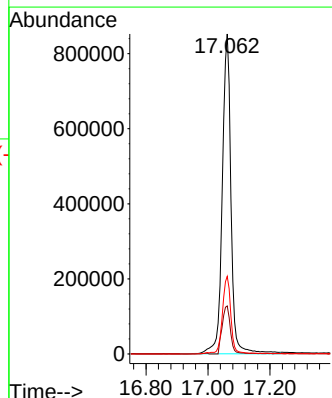
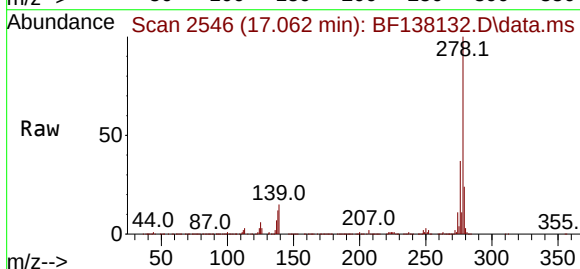
Tgt Ion:278 Resp: 1667770

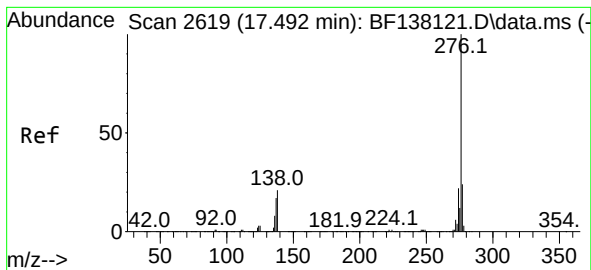
Ion Ratio Lower Upper

278 100

139 15.0 11.7 17.5

279 24.2 19.2 28.8





#92

Benzo(g,h,i)perylene

Concen: 42.079 ng

RT: 17.492 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF138132.D

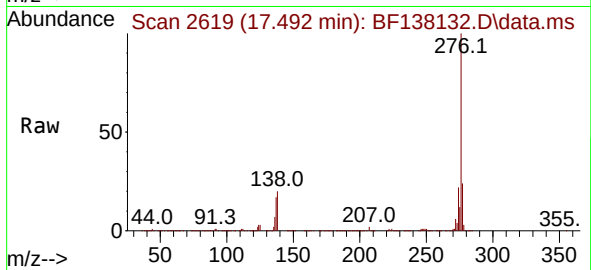
Acq: 06 Jun 2024 14:36

Instrument :

BNA_F

ClientSampleId :

PB161196BS



Tgt Ion:276 Resp: 1625429

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

138 19.8 16.5 24.7

