

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061124\
 Data File : BF138185.D
 Acq On : 11 Jun 2024 13:36
 Operator : CG\JU
 Sample : PB161404BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161404BS

Quant Time: Jun 11 14:26:19 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	6.898	152	432075	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	1690654	20.000	ng	-0.01
39) Acenaphthene-d10	9.939	164	948474	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1695661	20.000	ng	0.00
76) Chrysene-d12	14.068	240	1163718	20.000	ng	0.00
86) Perylene-d12	15.539	264	887685	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	3096660	122.142	ng	0.00
7) Phenol-d6	6.534	99	3967895	123.698	ng	0.00
23) Nitrobenzene-d5	7.469	82	2393366	96.317	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	1217957	133.433	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	4431988	81.705	ng	0.00
79) Terphenyl-d14	13.015	244	5327251	68.471	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	400786	34.491	ng	97
3) Pyridine	3.540	79	1001954	35.190	ng	97
4) n-Nitrosodimethylamine	3.504	42	576547	41.248	ng	88
6) Aniline	6.563	93	924854	28.436	ng	98
8) 2-Chlorophenol	6.686	128	1299398	47.375	ng	96
9) Benzaldehyde	6.451	77	674845	43.991	ng	96
10) Phenol	6.545	94	1549890	47.029	ng	100
11) bis(2-Chloroethyl)ether	6.639	93	1183779	44.807	ng	97
12) 1,3-Dichlorobenzene	6.839	146	1313404	41.793	ng	98
13) 1,4-Dichlorobenzene	6.916	146	1338185	42.280	ng	98
14) 1,2-Dichlorobenzene	7.069	146	1291896	43.484	ng	99
15) Benzyl Alcohol	7.045	79	1057707	46.602	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1718508	44.308	ng	98
17) 2-Methylphenol	7.151	107	1009380	45.467	ng	97
18) Hexachloroethane	7.410	117	472470	43.736	ng	96
19) n-Nitroso-di-n-propyla...	7.316	70	880158	43.032	ng	98
20) 3+4-Methylphenols	7.304	107	1234256	44.680	ng	93
22) Acetophenone	7.310	105	1661359	42.685	ng	# 92
24) Nitrobenzene	7.486	77	1278600	47.234	ng	95
25) Isophorone	7.722	82	2402032	43.878	ng	100
26) 2-Nitrophenol	7.798	139	639903	54.163	ng	95
27) 2,4-Dimethylphenol	7.833	122	951376	50.032	ng	98
28) bis(2-Chloroethoxy)met...	7.933	93	1468686	44.044	ng	99
29) 2,4-Dichlorophenol	8.039	162	1084544	47.323	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	1160848	41.979	ng	99
31) Naphthalene	8.204	128	3497933	42.776	ng	98
32) Benzoic acid	7.969	122	844293	54.820	ng	98
33) 4-Chloroaniline	8.251	127	685829	22.315	ng	97
34) Hexachlorobutadiene	8.322	225	655149	40.317	ng	99
35) Caprolactam	8.633	113	191562	25.032	ng	93
36) 4-Chloro-3-methylphenol	8.733	107	1097470	46.729	ng	99
37) 2-Methylnaphthalene	8.898	142	2362912	42.864	ng	100
38) 1-Methylnaphthalene	8.992	142	2199188	40.745	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	1161346	43.369	ng	99
41) Hexachlorocyclopentadiene	9.045	237	1029115	116.416	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	799313	49.163	ng	99

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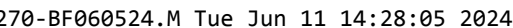
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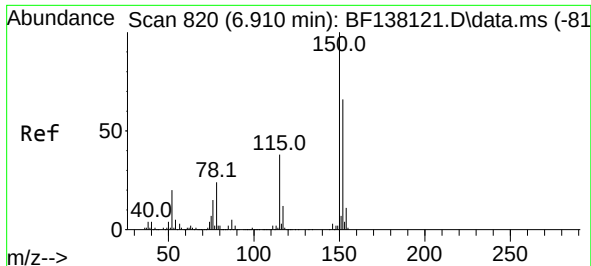
Quant Time: Jun 11 14:26:19 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 05:19:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	869485	48.533	ng	97
46) 1,1'-Biphenyl	9.363	154	2882429	43.265	ng	99
47) 2-Chloronaphthalene	9.386	162	2264485	42.650	ng	99
48) 2-Nitroaniline	9.480	65	671162	50.585	ng	95
49) Acenaphthylene	9.804	152	3469953	46.183	ng	98
50) Dimethylphthalate	9.663	163	2681107	44.987	ng	99
51) 2,6-Dinitrotoluene	9.727	165	614969	47.577	ng	# 83
52) Acenaphthene	9.975	154	2198362	43.303	ng	99
53) 3-Nitroaniline	9.892	138	461981	36.438	ng	99
54) 2,4-Dinitrophenol	9.998	184	619949	103.947	ng	96
55) Dibenzofuran	10.145	168	3183632	44.336	ng	98
56) 4-Nitrophenol	10.057	139	1077662	118.887	ng	94
57) 2,4-Dinitrotoluene	10.127	165	807871	52.063	ng	95
58) Fluorene	10.492	166	2453626	43.020	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	722942	51.161	ng	99
60) Diethylphthalate	10.363	149	2543888	43.725	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	1217233	42.010	ng	98
62) 4-Nitroaniline	10.516	138	613669	55.165	ng	91
63) Azobenzene	10.639	77	2509032	44.775	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	418981	60.239	ng	94
66) n-Nitrosodiphenylamine	10.604	169	2253498	44.504	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	846745	43.856	ng	98
68) Hexachlorobenzene	11.033	284	950326	42.339	ng	96
69) Atrazine	11.127	200	786076	48.250	ng	98
70) Pentachlorophenol	11.227	266	1137200	94.644	ng	99
71) Phenanthrene	11.451	178	3626742	44.429	ng	99
72) Anthracene	11.504	178	3584233	44.023	ng	99
73) Carbazole	11.657	167	3356359	45.078	ng	99
74) Di-n-butylphthalate	11.986	149	3842912	43.910	ng	100
75) Fluoranthene	12.639	202	3846918	43.677	ng	98
77) Benzidine	12.757	184	173822	14.515	ng	100
78) Pyrene	12.868	202	3926760	37.311	ng	99
80) Butylbenzylphthalate	13.486	149	1609982	46.327	ng	96
81) Benzo(a)anthracene	14.057	228	3227091	43.954	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	810608	43.560	ng	99
83) Chrysene	14.092	228	3095240	43.928	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	2160543	42.671	ng	98
85) Di-n-octyl phthalate	14.657	149	3331542	47.802	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	2943547	59.969	ng	99
88) Benzo(b)fluoranthene	15.109	252	2710542	48.572	ng	99
89) Benzo(k)fluoranthene	15.139	252	2631638	49.451	ng	97
90) Benzo(a)pyrene	15.480	252	2339679	55.359	ng	98
91) Dibenzo(a,h)anthracene	17.056	278	2418721	61.458	ng	98
92) Benzo(g,h,i)perylene	17.492	276	2356326	58.038	ng	99

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

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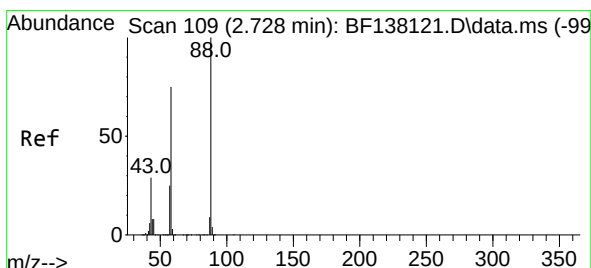
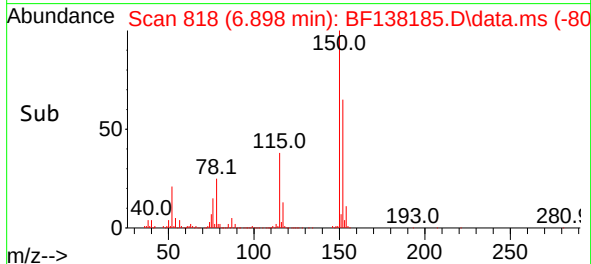
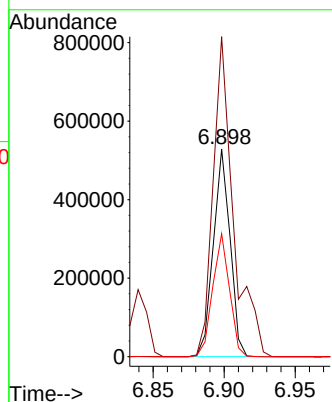
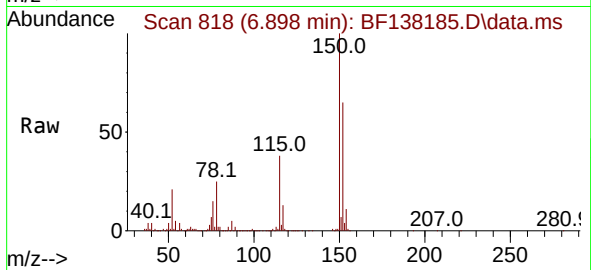




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF138185.D
 Acq: 11 Jun 2024 13:36

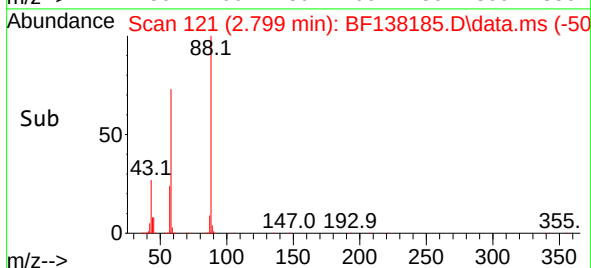
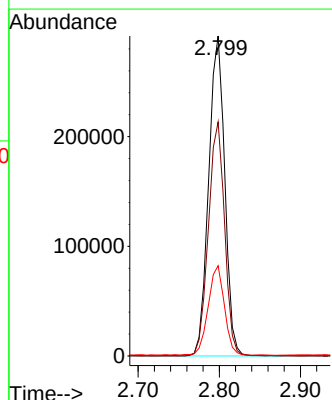
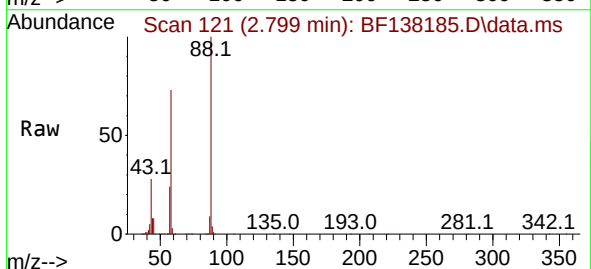
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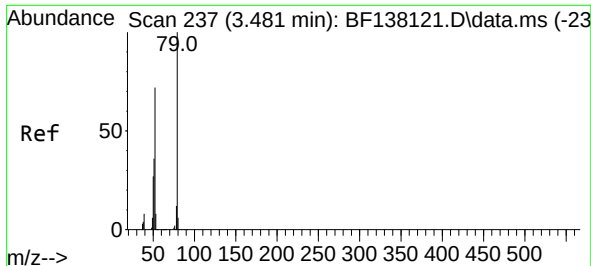
Tgt Ion:152 Resp: 432075
 Ion Ratio Lower Upper
 152 100
 150 154.1 121.8 182.6
 115 59.2 46.2 69.2



#2
 1,4-Dioxane
 Concen: 34.491 ng
 RT: 2.799 min Scan# 121
 Delta R.T. 0.071 min
 Lab File: BF138185.D
 Acq: 11 Jun 2024 13:36

Tgt Ion: 88 Resp: 400786
 Ion Ratio Lower Upper
 88 100
 58 73.3 60.6 90.8
 43 28.2 23.6 35.4





#3

Pyridine

Concen: 35.190 ng

RT: 3.540 min Scan# 241

Delta R.T. 0.059 min

Lab File: BF138185.D

Acq: 11 Jun 2024 13:36

Instrument :

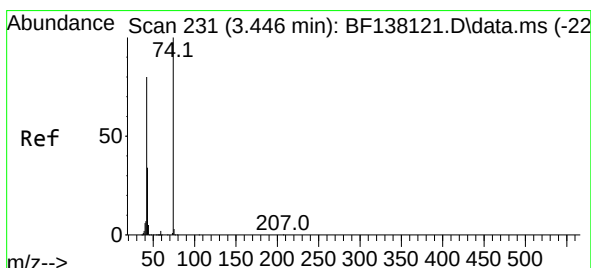
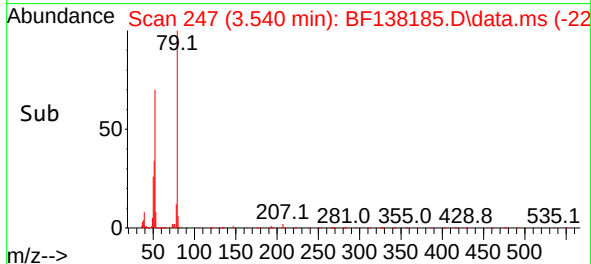
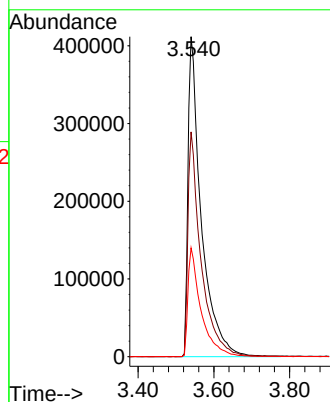
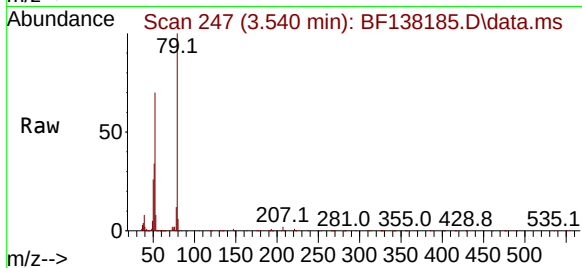
BNA_F

ClientSampleId :

PB161404BS

Tgt Ion: 79 Resp: 1001954

Ion	Ratio	Lower	Upper
79	100		
52	70.2	57.4	86.2
51	34.0	29.1	43.7



#4

n-Nitrosodimethylamine

Concen: 41.248 ng

RT: 3.504 min Scan# 241

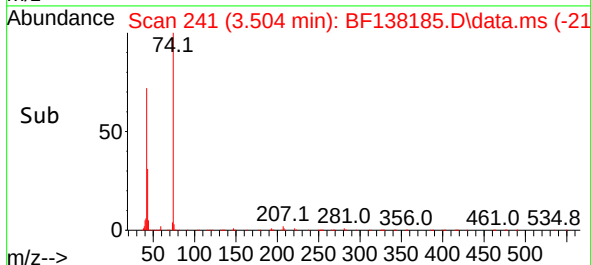
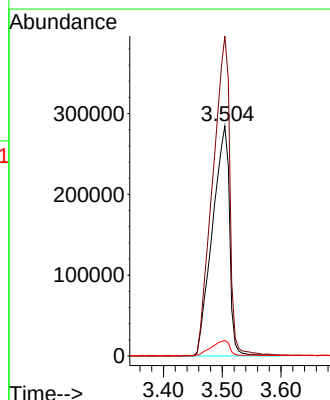
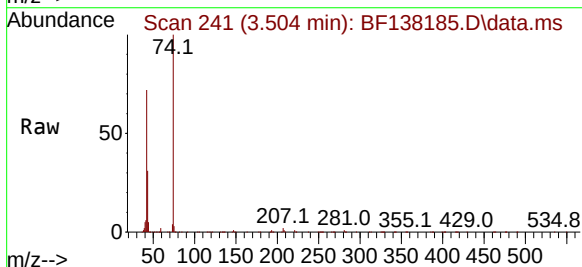
Delta R.T. 0.059 min

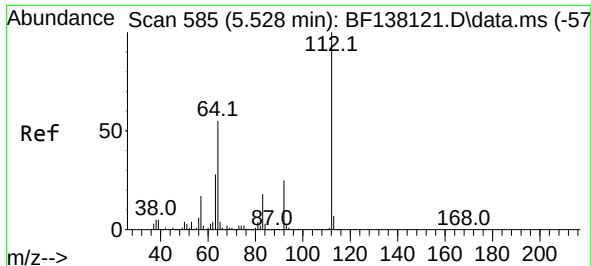
Lab File: BF138185.D

Acq: 11 Jun 2024 13:36

Tgt Ion: 42 Resp: 576547

Ion	Ratio	Lower	Upper
42	100		
74	139.2	100.0	150.0
44	6.7	5.7	8.5

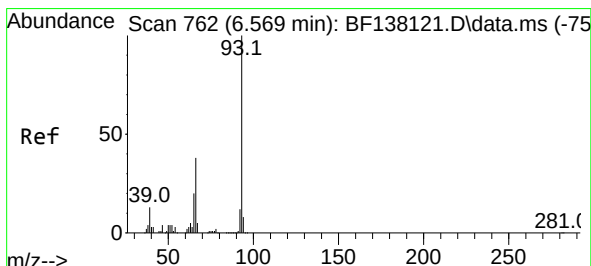
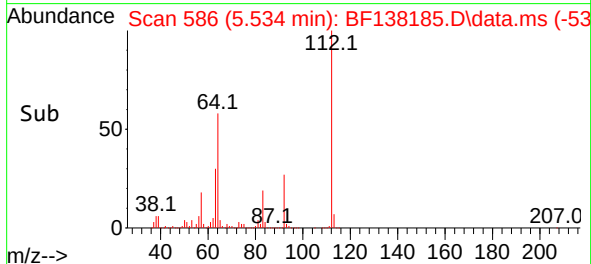
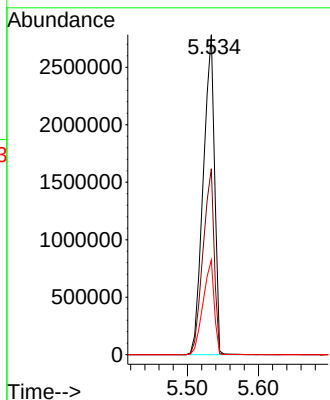
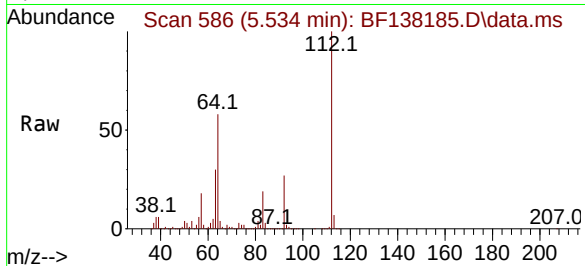




#5
2-Fluorophenol
Concen: 122.142 ng
RT: 5.534 min Scan# 585
Delta R.T. 0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

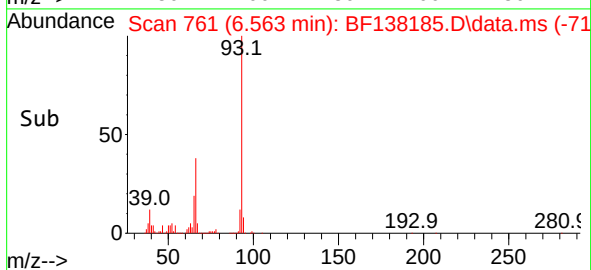
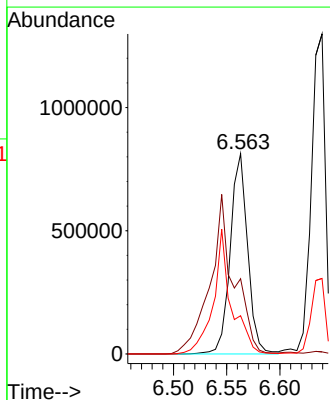
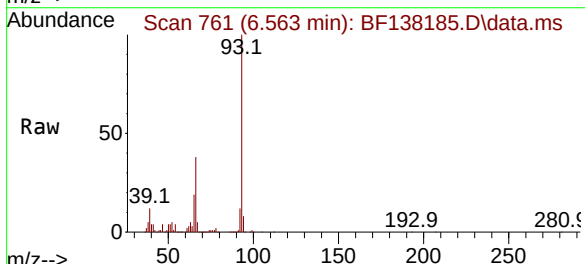
Instrument :
BNA_F
ClientSampleId :
PB161404BS

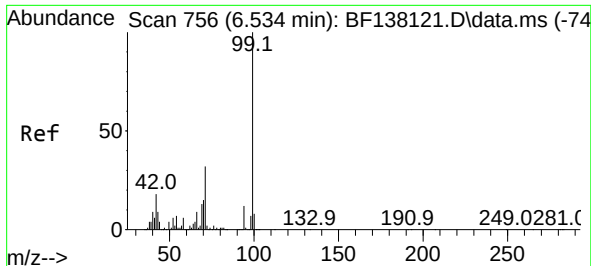
Tgt Ion:112 Resp: 3096660
Ion Ratio Lower Upper
112 100
64 58.1 44.0 66.0
63 29.6 22.1 33.1



#6
Aniline
Concen: 28.436 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion: 93 Resp: 924854
Ion Ratio Lower Upper
93 100
66 37.5 30.9 46.3
65 19.1 16.0 24.0

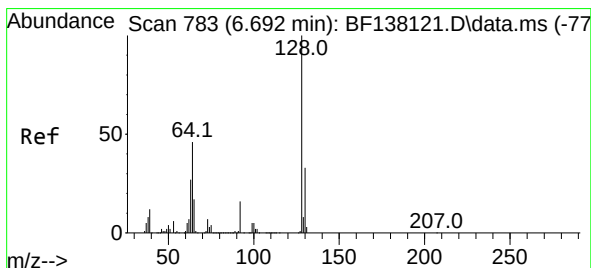
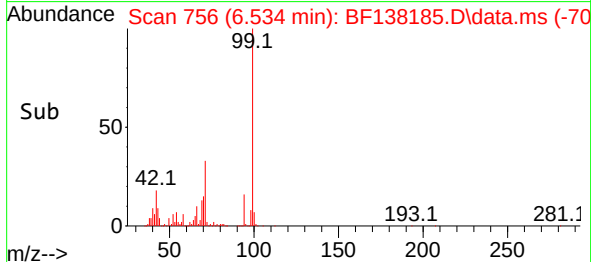
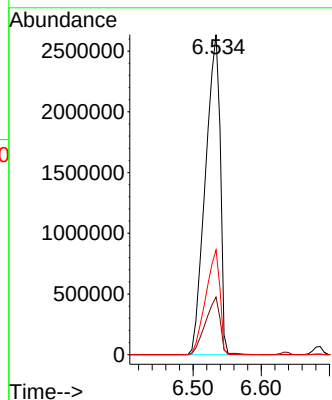
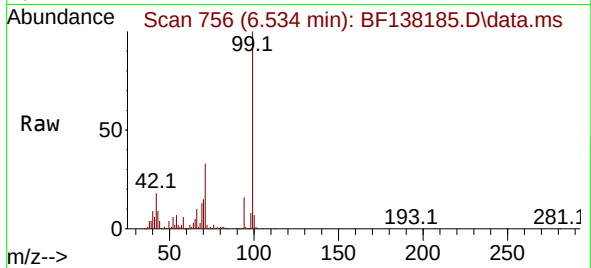




#7
Phenol-d6
Concen: 123.698 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

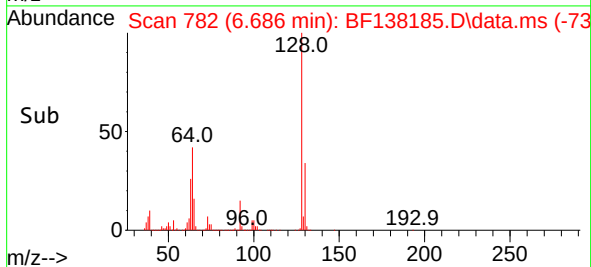
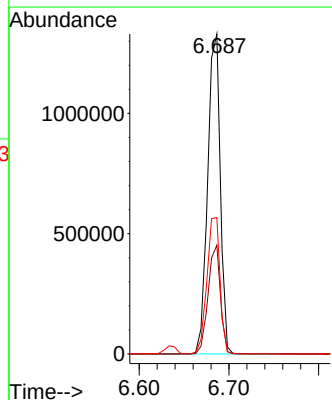
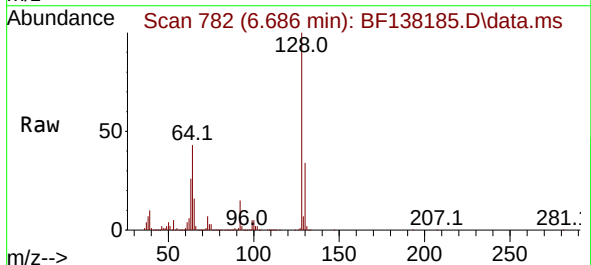
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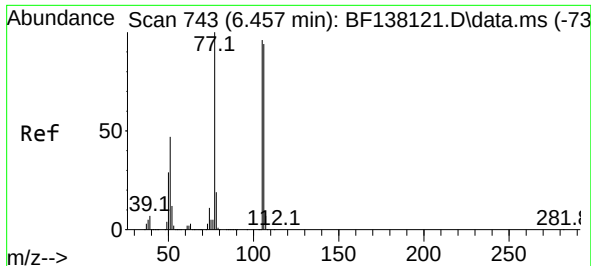
Tgt Ion: 99 Resp: 3967895
Ion Ratio Lower Upper
99 100
42 18.0 14.4 21.6
71 32.8 25.5 38.3



#8
2-Chlorophenol
Concen: 47.375 ng
RT: 6.686 min Scan# 782
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:128 Resp: 1299398
Ion Ratio Lower Upper
128 100
130 34.0 12.9 52.9
64 42.6 26.6 66.6

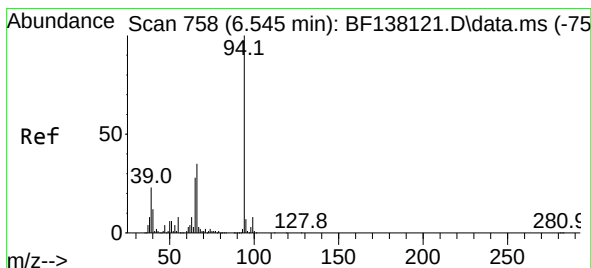
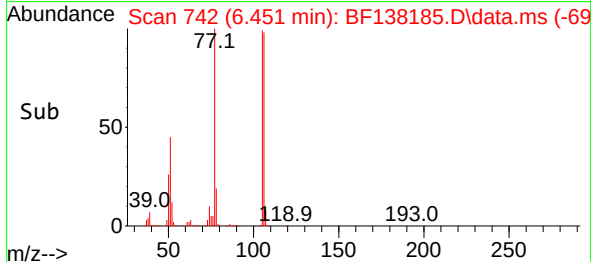
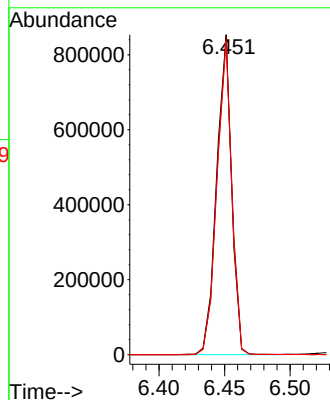
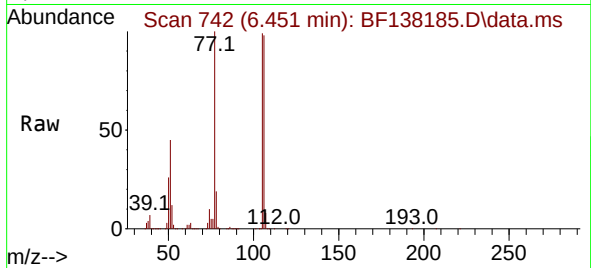




#9
Benzaldehyde
Concen: 43.991 ng
RT: 6.451 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

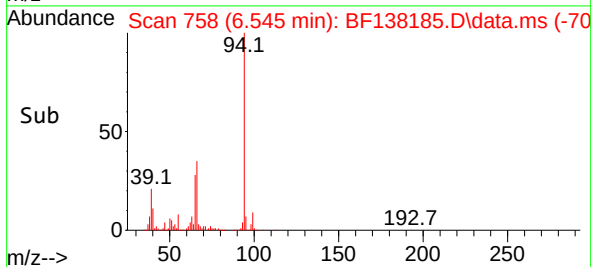
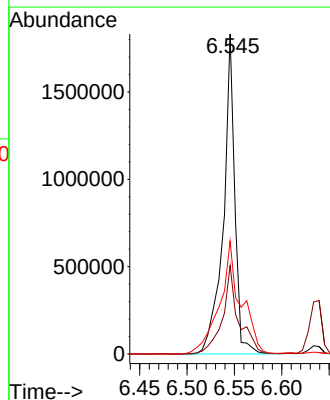
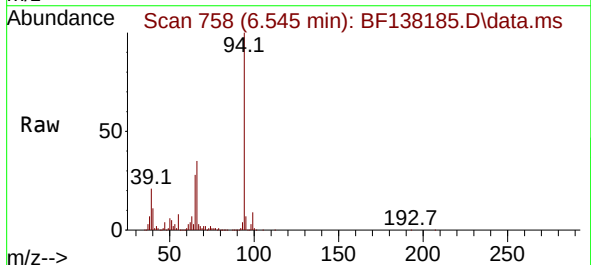
Instrument :
BNA_F
ClientSampleId :
PB161404BS

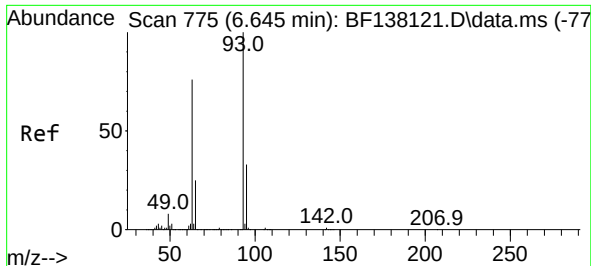
Tgt Ion: 77 Resp: 674845
Ion Ratio Lower Upper
77 100
105 99.4 75.8 115.8
106 97.9 73.9 113.9



#10
Phenol
Concen: 47.029 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion: 94 Resp: 1549890
Ion Ratio Lower Upper
94 100
65 27.6 7.9 47.9
66 35.3 15.5 55.5



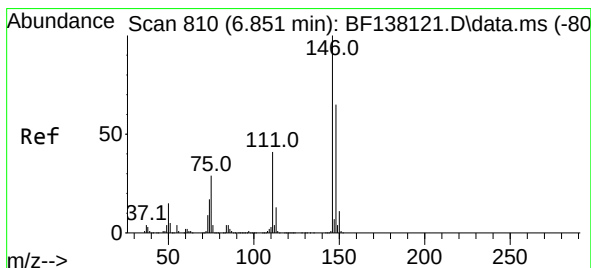
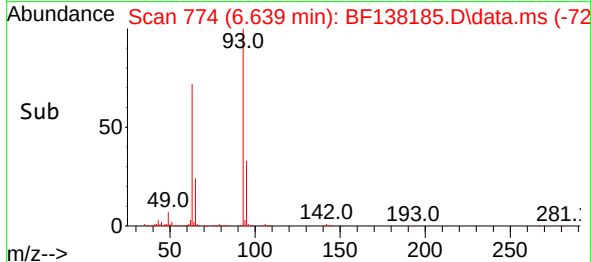
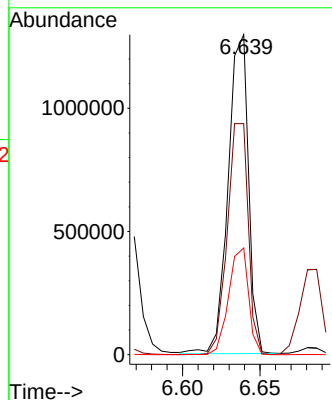
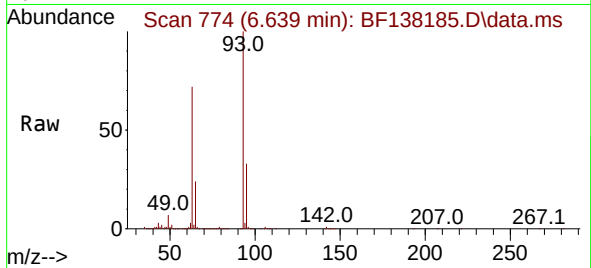


#11
bis(2-Chloroethyl)ether
Concen: 44.807 ng
RT: 6.639 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Instrument :
BNA_F
ClientSampleId :
PB161404BS

Tgt Ion: 93 Resp: 1183779

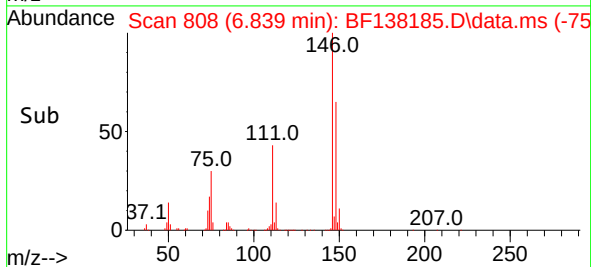
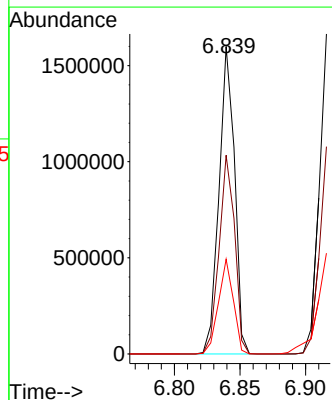
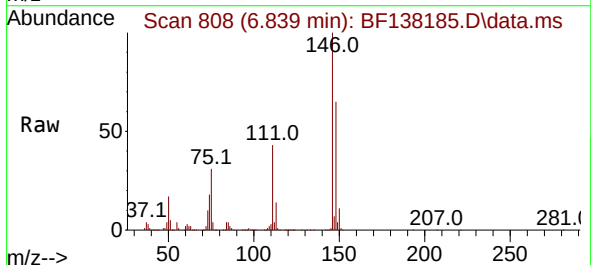
Ion	Ratio	Lower	Upper
93	100		
63	72.2	55.3	95.3
95	33.3	12.5	52.5

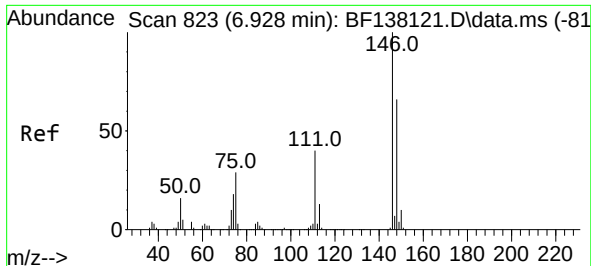


#12
1,3-Dichlorobenzene
Concen: 41.793 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:146 Resp: 1313404

Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.2
75	30.8	23.0	34.6

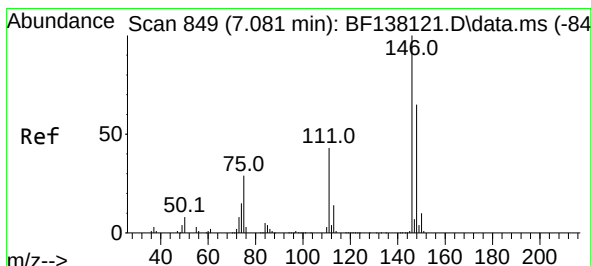
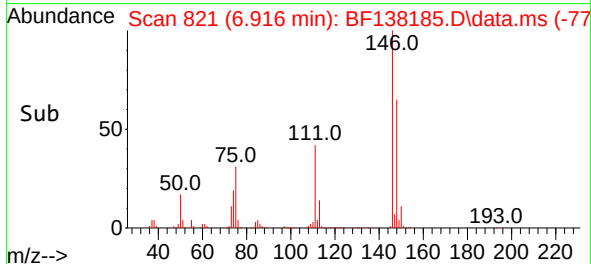
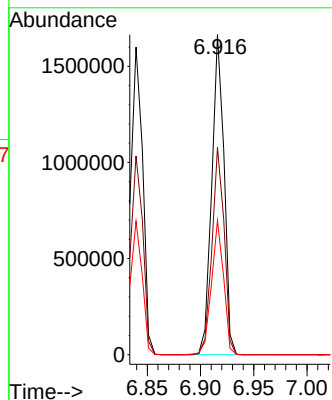
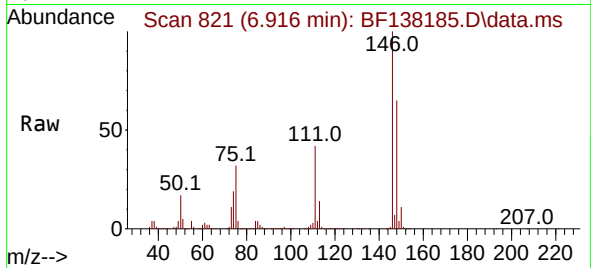




#13
1,4-Dichlorobenzene
Concen: 42.280 ng
RT: 6.916 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

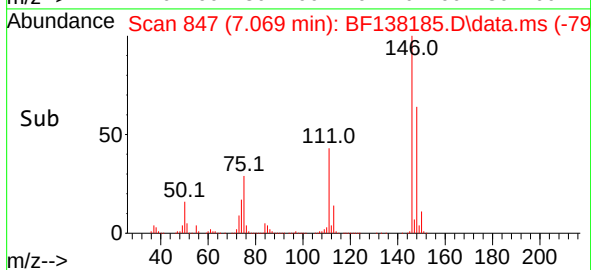
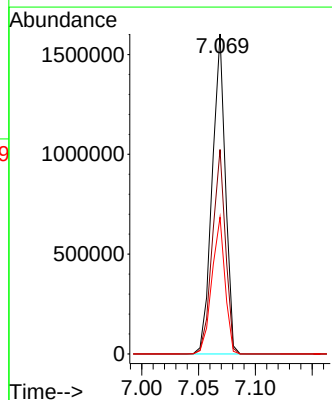
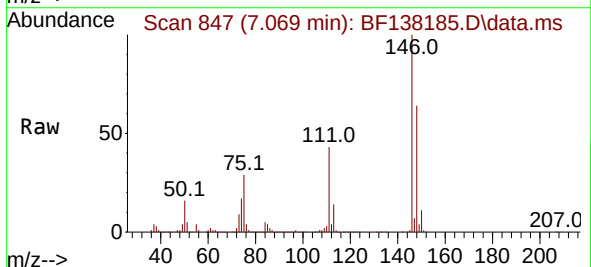
Instrument :
BNA_F
ClientSampleId :
PB161404BS

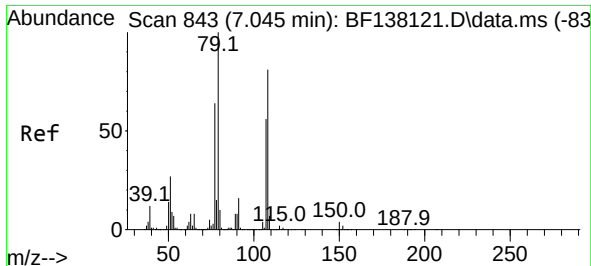
Tgt Ion:146 Resp: 1338185
Ion Ratio Lower Upper
146 100
148 64.8 52.6 78.8
111 42.0 31.9 47.9



#14
1,2-Dichlorobenzene
Concen: 43.484 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:146 Resp: 1291896
Ion Ratio Lower Upper
146 100
148 63.9 51.6 77.4
111 42.7 34.3 51.5

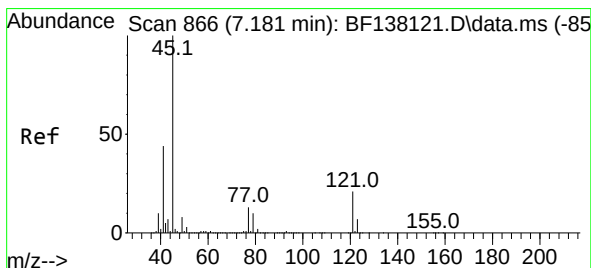
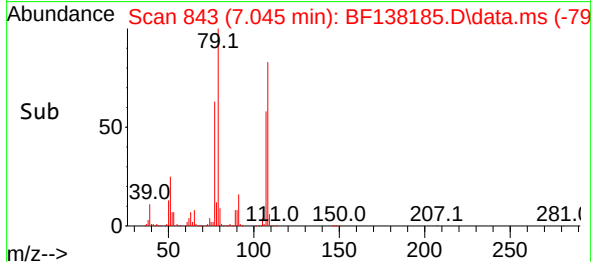
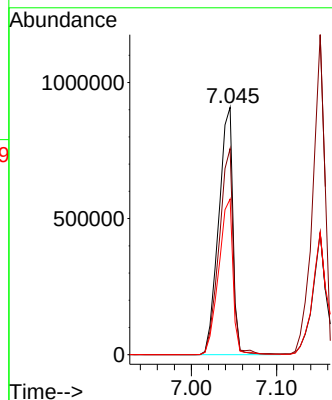
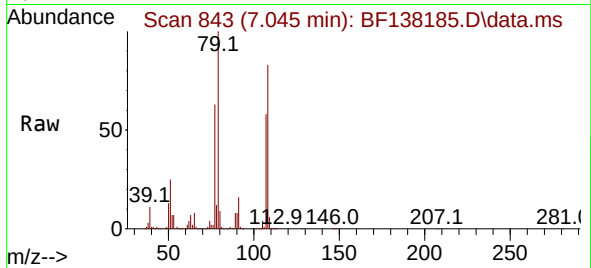




#15
Benzyl Alcohol
Concen: 46.602 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

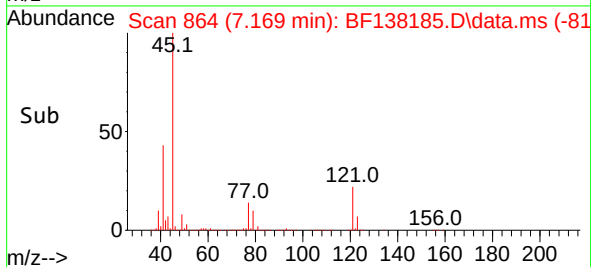
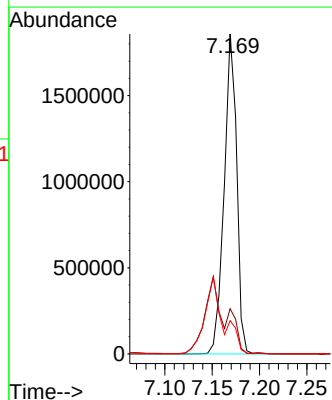
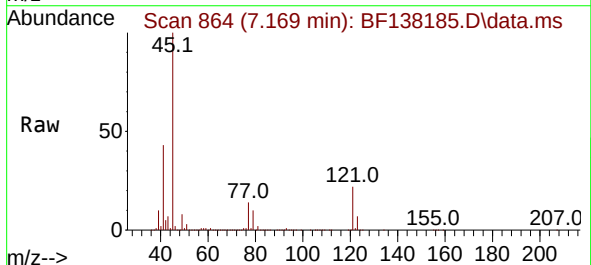
Instrument :
BNA_F
ClientSampleId :
PB161404BS

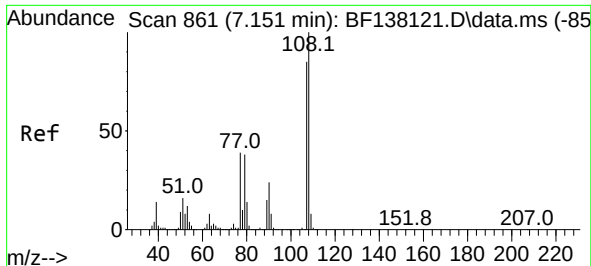
Tgt Ion: 79 Resp: 1057707
Ion Ratio Lower Upper
79 100
108 83.3 64.5 96.7
77 62.9 51.1 76.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.308 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion: 45 Resp: 1718508
Ion Ratio Lower Upper
45 100
77 14.1 0.0 33.2
79 10.4 0.0 29.9



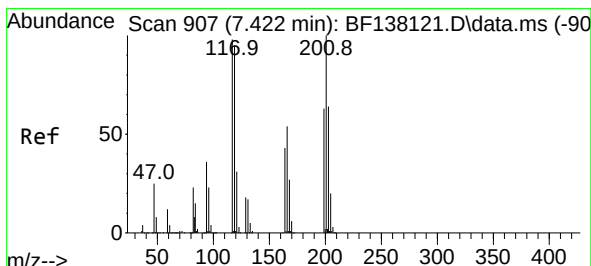
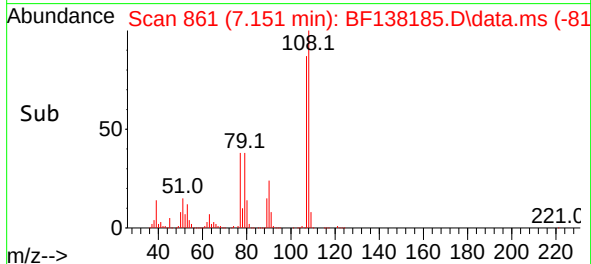
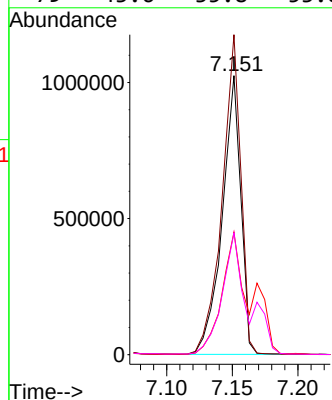
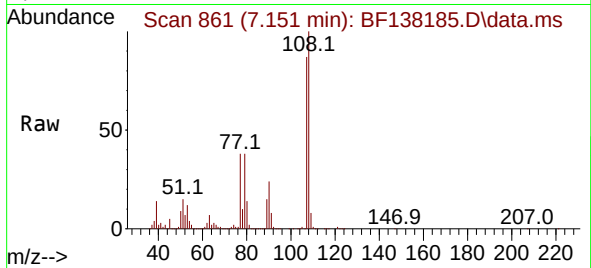


#17
2-Methylphenol
Concen: 45.467 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Instrument :
BNA_F
ClientSampleId :
PB161404BS

Tgt Ion:107 Resp: 1009380

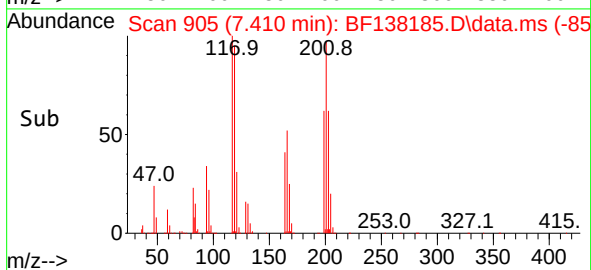
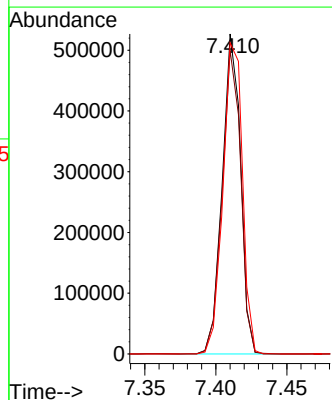
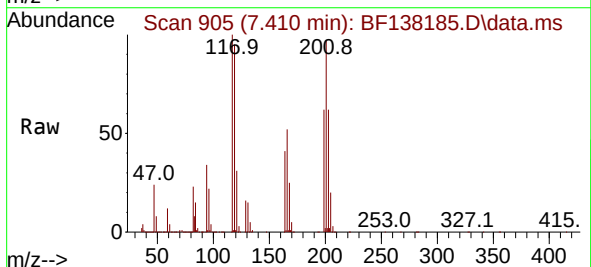
Ion	Ratio	Lower	Upper
107	100		
108	114.7	94.2	141.2
77	43.8	36.7	55.1
79	43.6	35.8	53.8

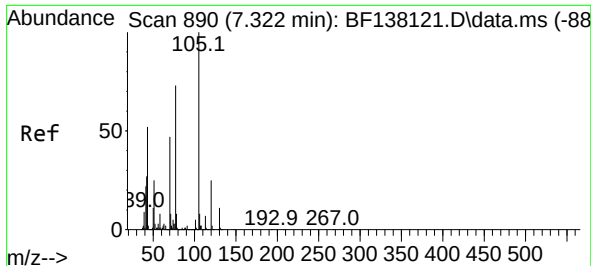


#18
Hexachloroethane
Concen: 43.736 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:117 Resp: 472470

Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.7	116.5
201	97.2	81.7	122.5

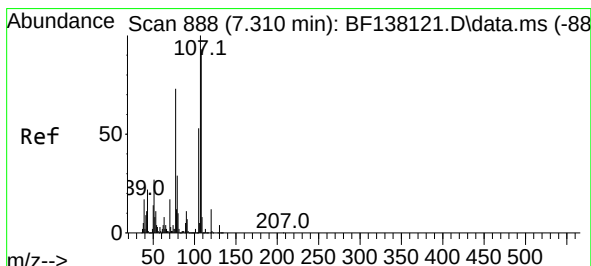
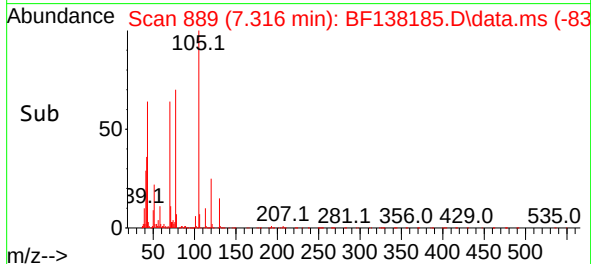
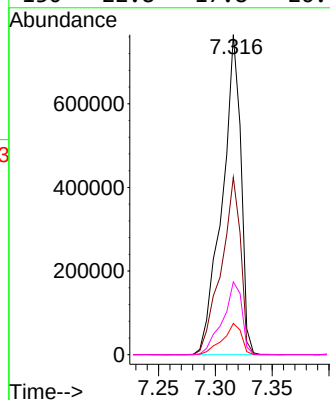
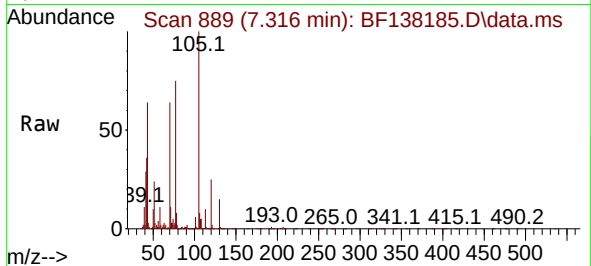




#19
n-Nitroso-di-n-propylamine
Concen: 43.032 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

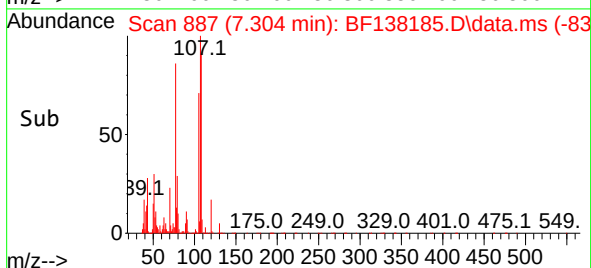
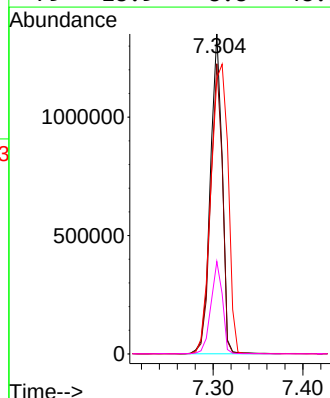
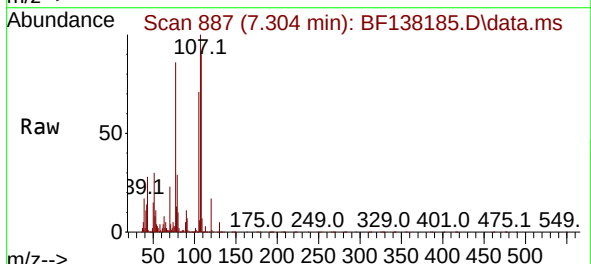
Instrument :
BNA_F
ClientSampleId :
PB161404BS

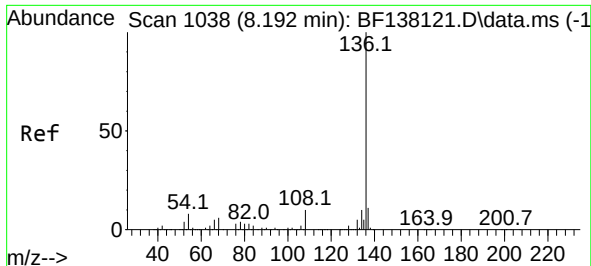
Tgt Ion: 70 Resp: 880158
Ion Ratio Lower Upper
70 100
42 55.5 46.3 69.5
101 9.8 7.7 11.5
130 22.8 17.8 26.6



#20
3+4-Methylphenols
Concen: 44.680 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:107 Resp: 1234256
Ion Ratio Lower Upper
107 100
108 90.7 73.0 113.0
77 86.1 53.2 93.2
79 28.9 8.8 48.8

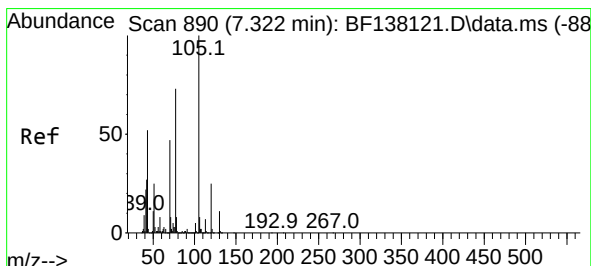
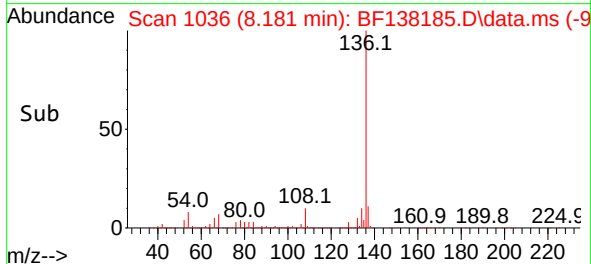
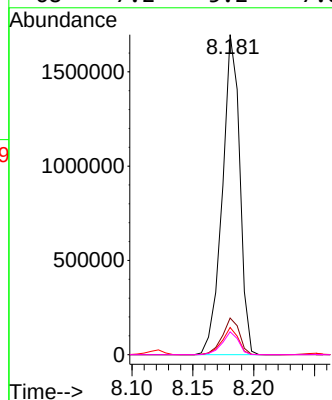
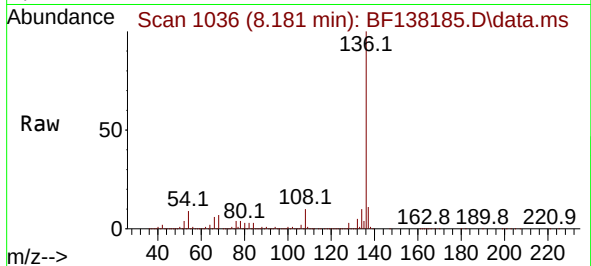




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

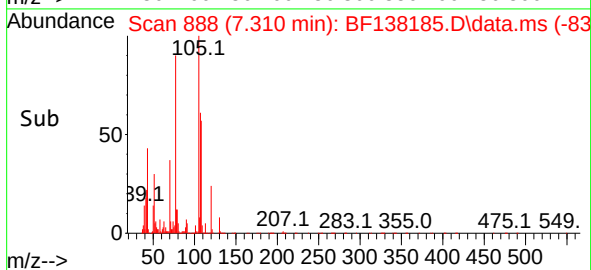
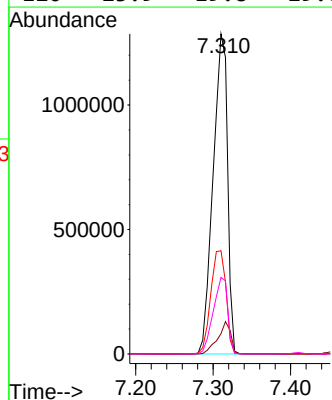
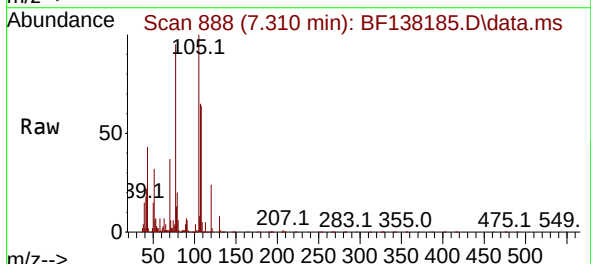
Instrument :
BNA_F
ClientSampleId :
PB161404BS

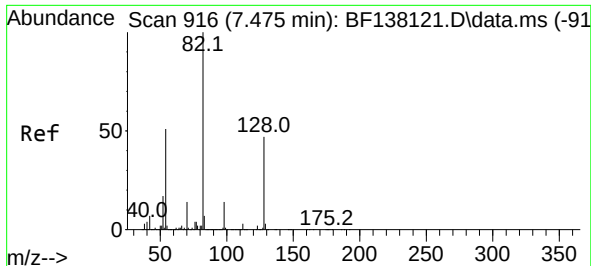
Tgt Ion:136 Resp: 1690654
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.5 6.2 9.2
68 7.2 5.2 7.8



#22
Acetophenone
Concen: 42.685 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:105 Resp: 1661359
Ion Ratio Lower Upper
105 100
71 6.3 6.3 9.5
51 32.2 19.8 29.6#
120 23.9 19.8 29.6

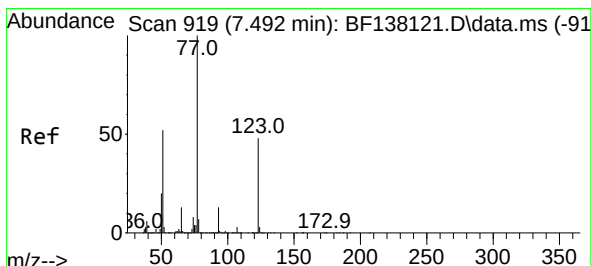
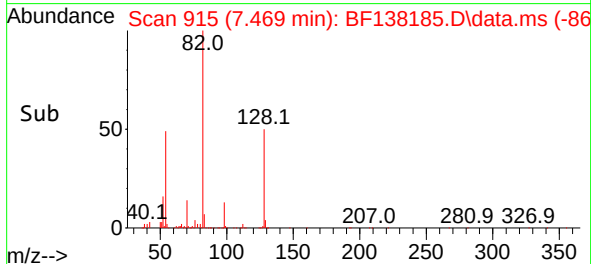
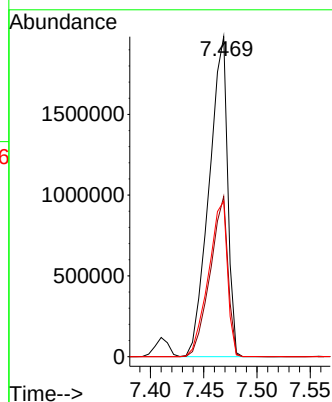
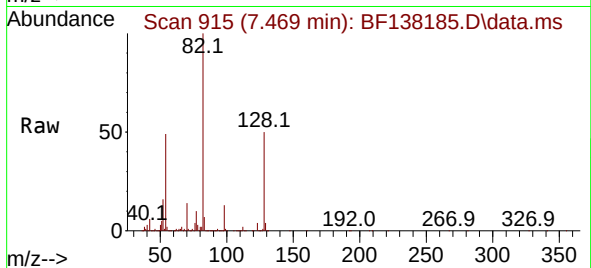




#23
Nitrobenzene-d5
Concen: 96.317 ng
RT: 7.469 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

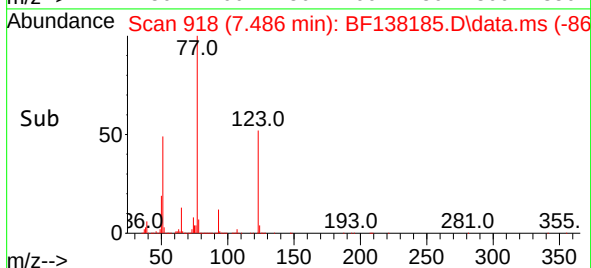
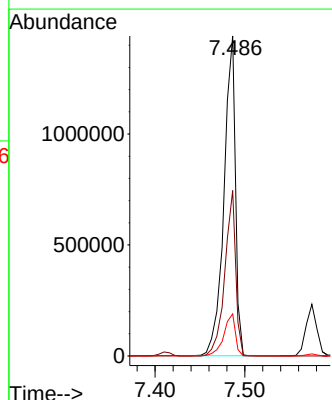
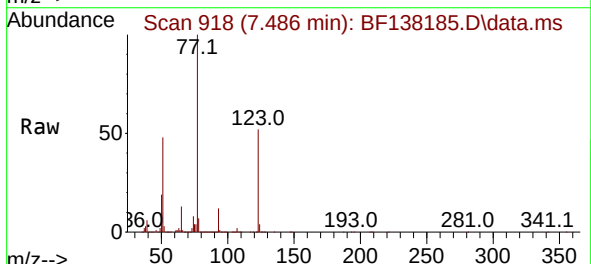
Instrument :
BNA_F
ClientSampleId :
PB161404BS

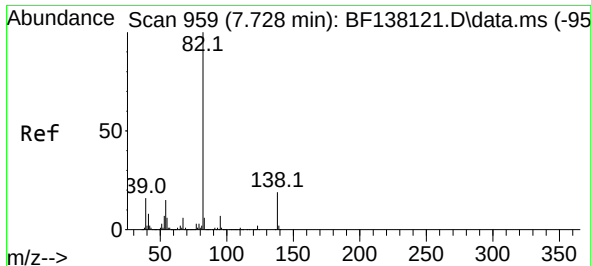
Tgt Ion: 82 Resp: 2393366
Ion Ratio Lower Upper
82 100
128 50.1 37.7 56.5
54 48.5 40.8 61.2



#24
Nitrobenzene
Concen: 47.234 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion: 77 Resp: 1278600
Ion Ratio Lower Upper
77 100
123 51.7 38.2 57.2
65 13.1 10.7 16.1

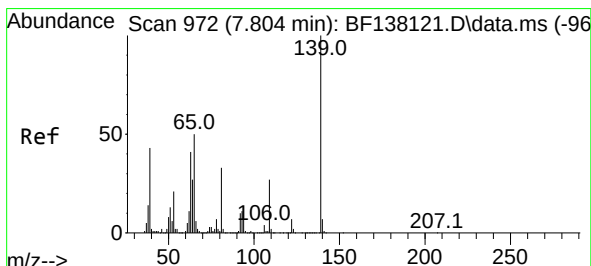
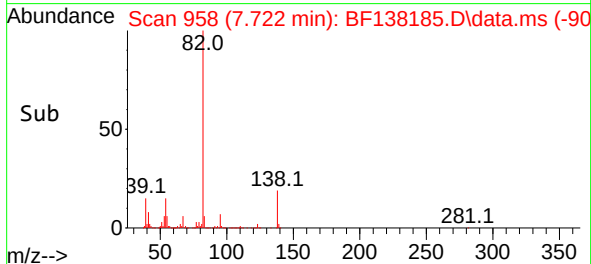
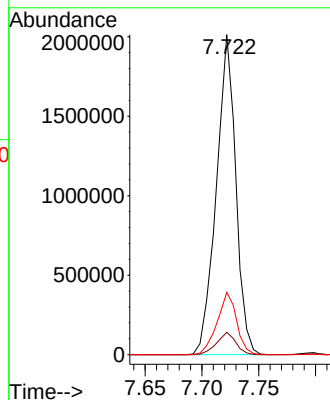
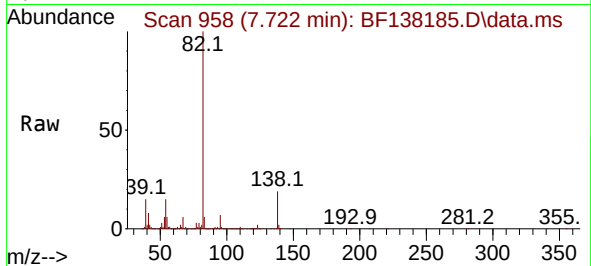




#25
Isophorone
Concen: 43.878 ng
RT: 7.722 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

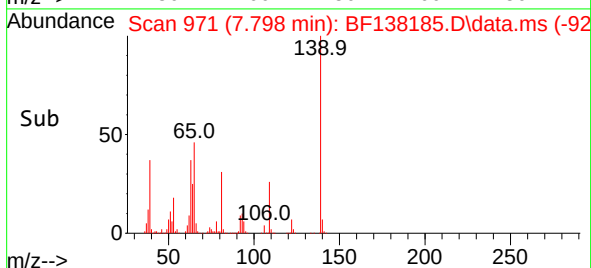
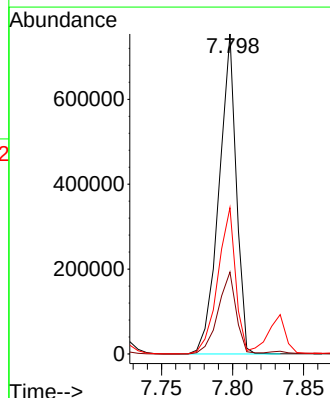
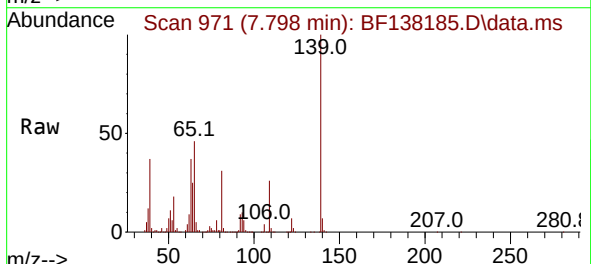
Instrument :
BNA_F
ClientSampleId :
PB161404BS

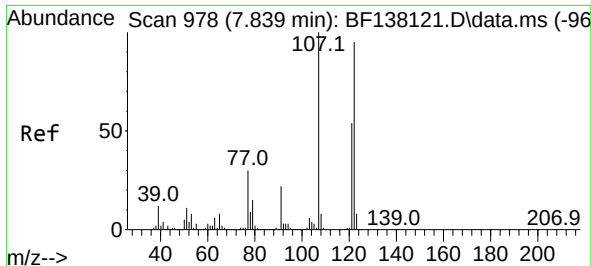
Tgt Ion: 82 Resp: 2402032
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 19.4 15.5 23.3



#26
2-Nitrophenol
Concen: 54.163 ng
RT: 7.798 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:139 Resp: 639903
Ion Ratio Lower Upper
139 100
109 25.6 21.8 32.6
65 45.7 40.1 60.1

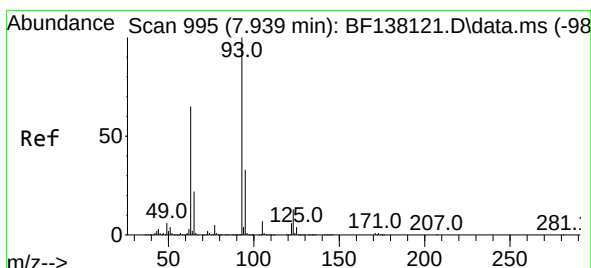
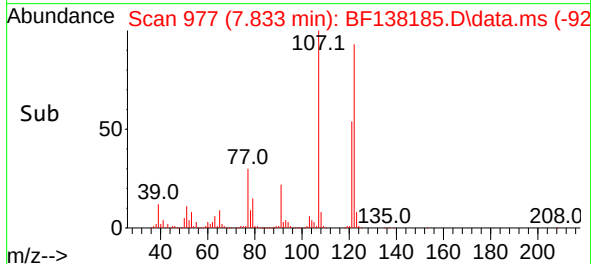
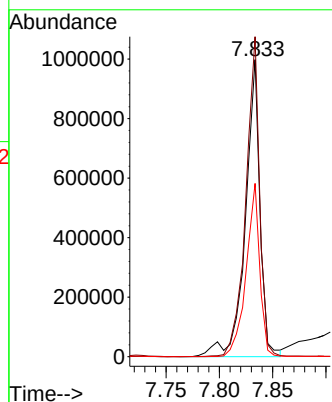
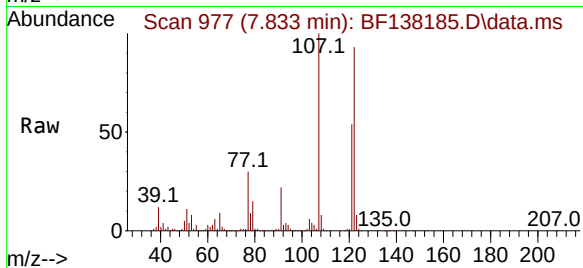




#27
2,4-Dimethylphenol
Concen: 50.032 ng
RT: 7.833 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

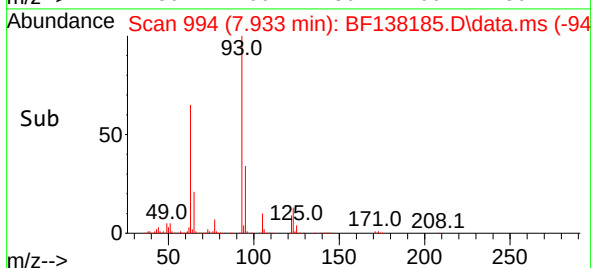
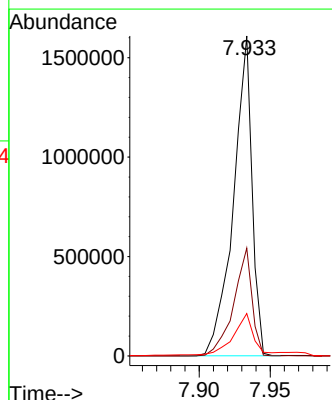
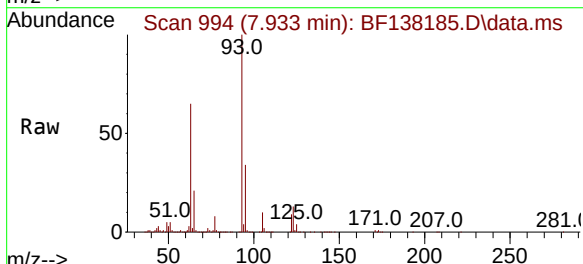
Instrument :
BNA_F
ClientSampleId :
PB161404BS

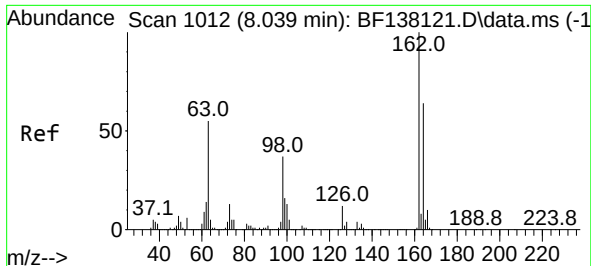
Tgt Ion:122 Resp: 951376
Ion Ratio Lower Upper
122 100
107 107.7 84.2 126.2
121 58.3 45.4 68.0



#28
bis(2-Chloroethoxy)methane
Concen: 44.044 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion: 93 Resp: 1468686
Ion Ratio Lower Upper
93 100
95 33.7 26.6 39.8
123 13.3 10.2 15.2





#29

2,4-Dichlorophenol

Concen: 47.323 ng

RT: 8.039 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF138185.D

Acq: 11 Jun 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB161404BS

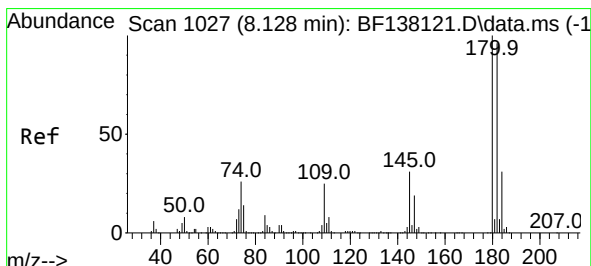
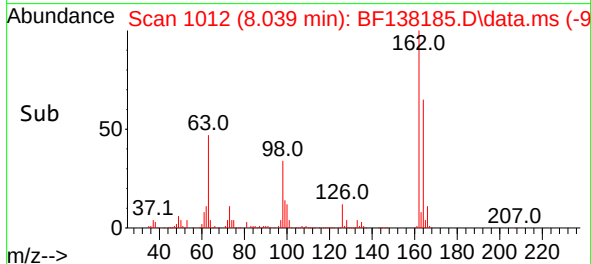
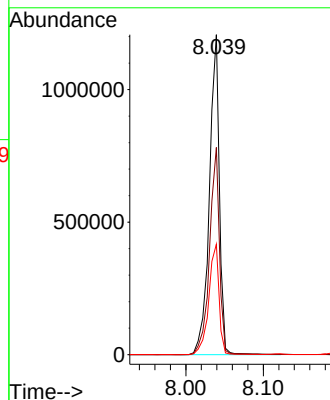
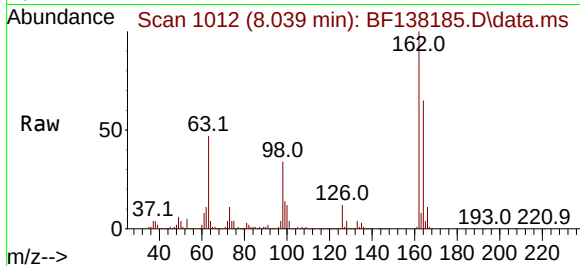
Tgt Ion:162 Resp: 1084544

Ion Ratio Lower Upper

162 100

164 64.7 44.1 84.1

98 34.5 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 41.979 ng

RT: 8.122 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF138185.D

Acq: 11 Jun 2024 13:36

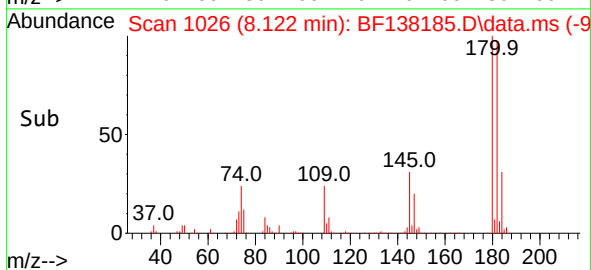
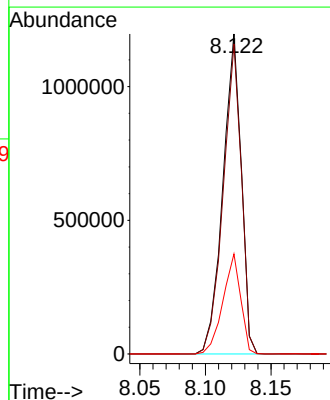
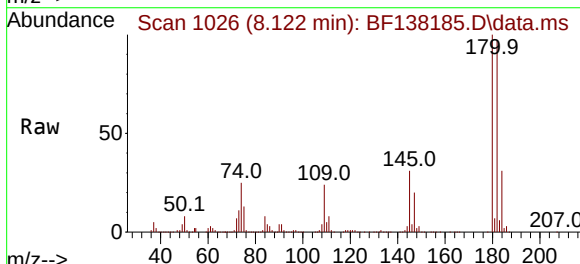
Tgt Ion:180 Resp: 1160848

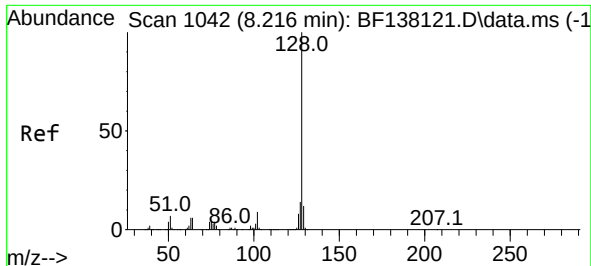
Ion Ratio Lower Upper

180 100

182 96.9 76.4 114.6

145 31.2 24.8 37.2

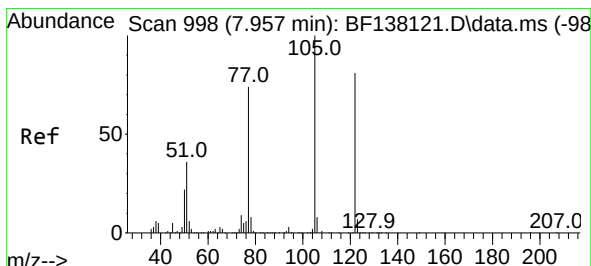
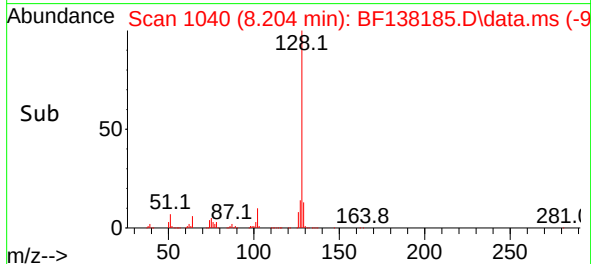
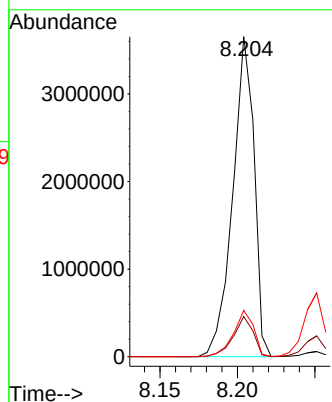
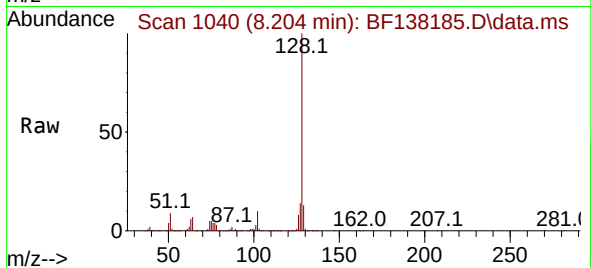




#31
Naphthalene
Concen: 42.776 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

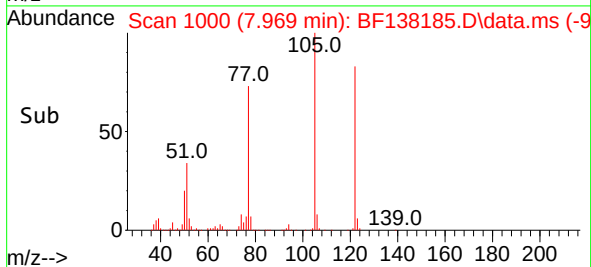
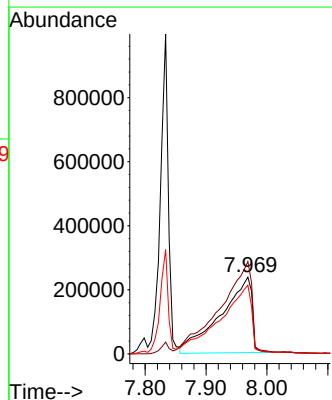
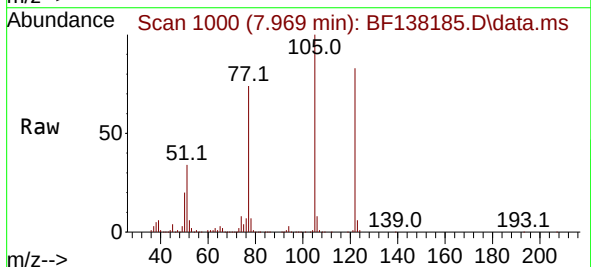
Instrument :
BNA_F
ClientSampleId :
PB161404BS

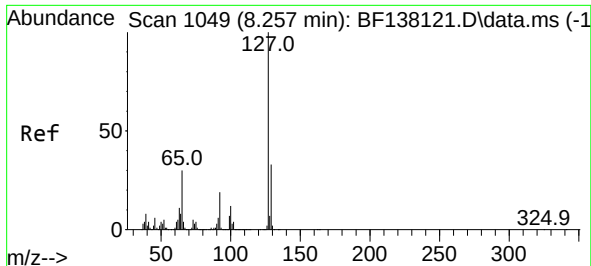
Tgt Ion:128 Resp: 3497933
Ion Ratio Lower Upper
128 100
129 12.6 9.4 14.0
127 14.5 11.2 16.8



#32
Benzoic acid
Concen: 54.820 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.012 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:122 Resp: 844293
Ion Ratio Lower Upper
122 100
105 120.2 102.8 142.8
77 89.6 71.2 111.2



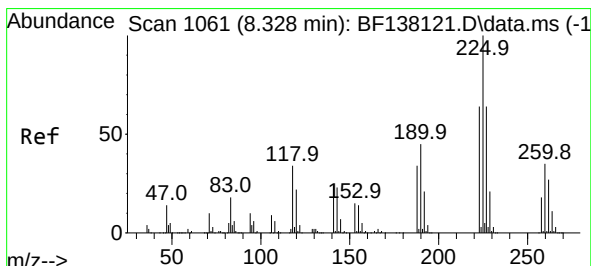
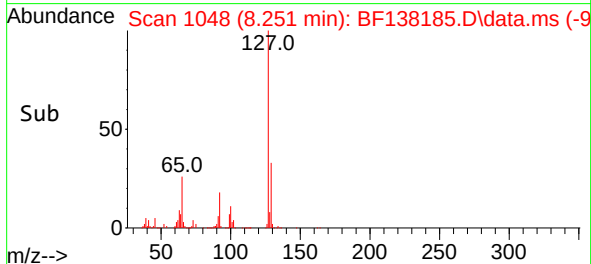
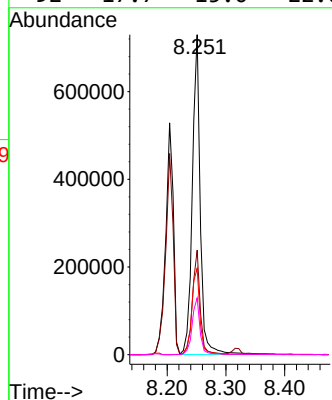
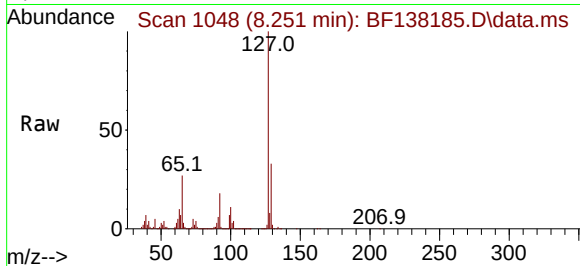


#33
4-Chloroaniline
Concen: 22.315 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Instrument :
BNA_F
ClientSampleId :
PB161404BS

Tgt Ion:127 Resp: 685829

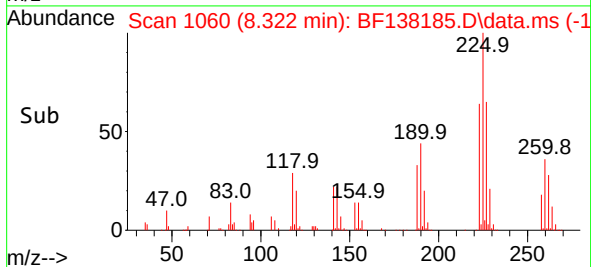
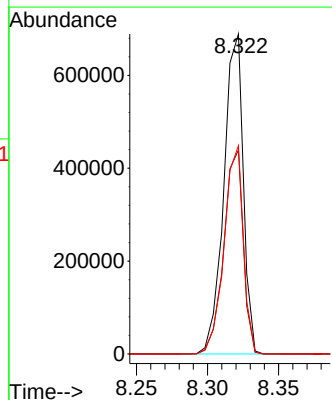
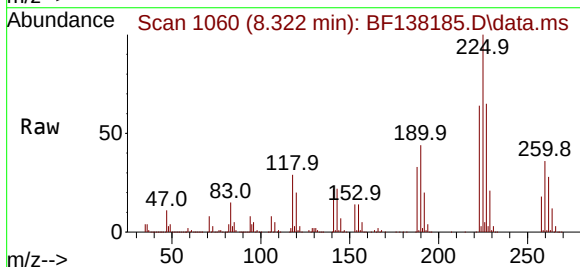
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.5	39.7
65	27.0	24.0	36.0
92	17.7	15.0	22.6

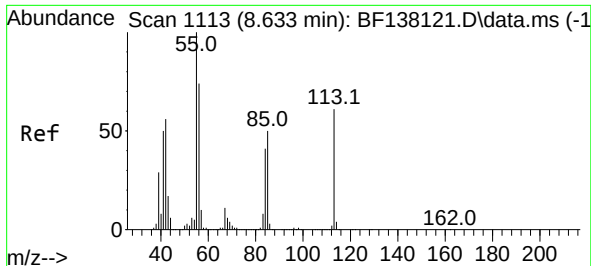


#34
Hexachlorobutadiene
Concen: 40.317 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:225 Resp: 655149

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.9	76.3
227	65.1	51.2	76.8

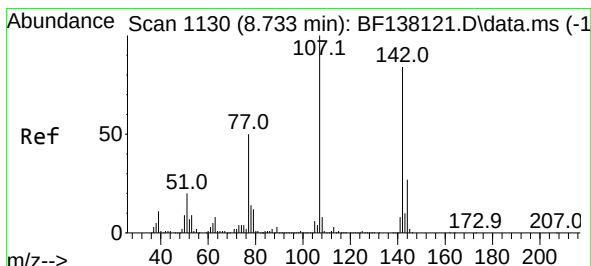
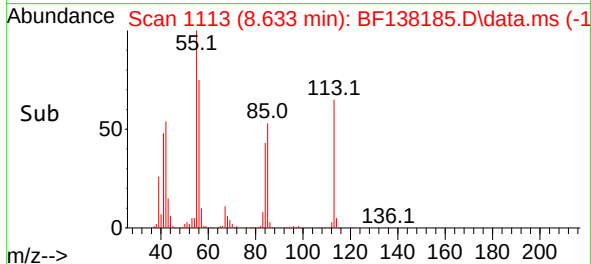
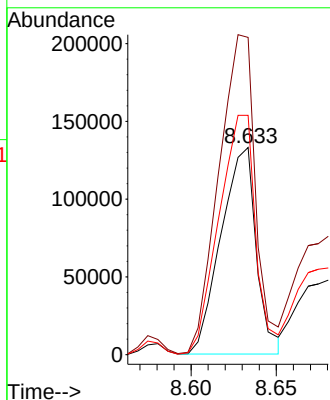
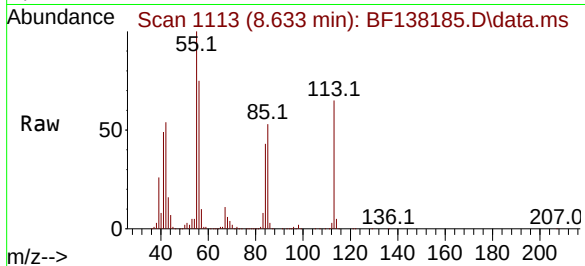




#35
Caprolactam
Concen: 25.032 ng
RT: 8.633 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

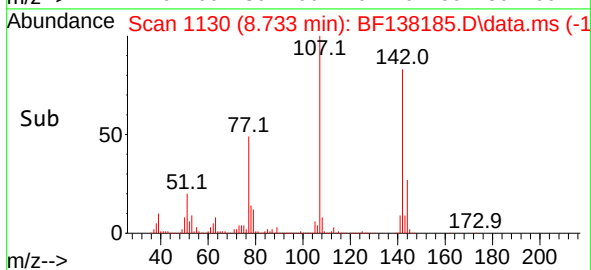
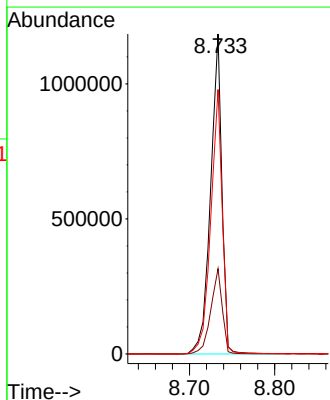
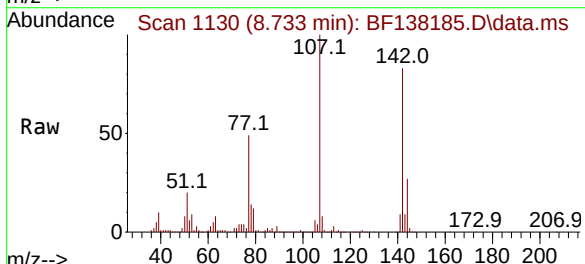
Instrument :
BNA_F
ClientSampleId :
PB161404BS

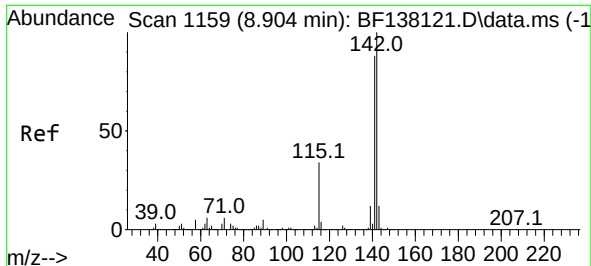
Tgt Ion:113 Resp: 191562
Ion Ratio Lower Upper
113 100
55 153.1 144.5 184.5
56 115.5 102.0 142.0



#36
4-Chloro-3-methylphenol
Concen: 46.729 ng
RT: 8.733 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:107 Resp: 1097470
Ion Ratio Lower Upper
107 100
144 26.7 21.7 32.5
142 82.7 67.0 100.4





#37

2-Methylnaphthalene

Concen: 42.864 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.006 min

Lab File: BF138185.D

Acq: 11 Jun 2024 13:36

Instrument :

BNA_F

ClientSampleId :

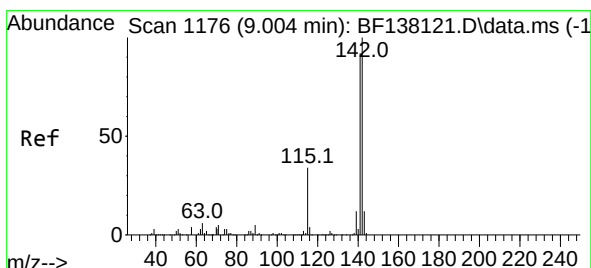
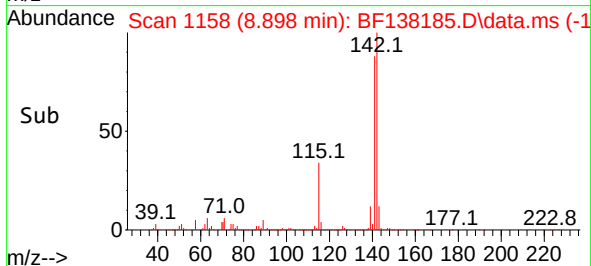
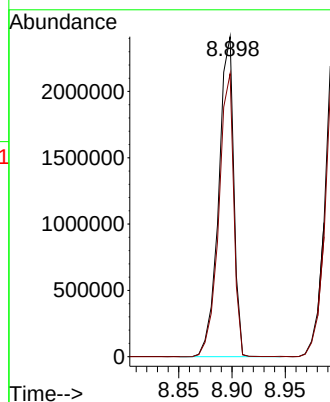
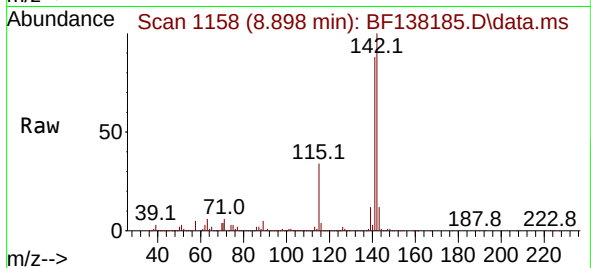
PB161404BS

Tgt Ion:142 Resp: 2362912

Ion Ratio Lower Upper

142 100

141 88.4 70.5 105.7



#38

1-Methylnaphthalene

Concen: 40.745 ng

RT: 8.992 min Scan# 1174

Delta R.T. -0.012 min

Lab File: BF138185.D

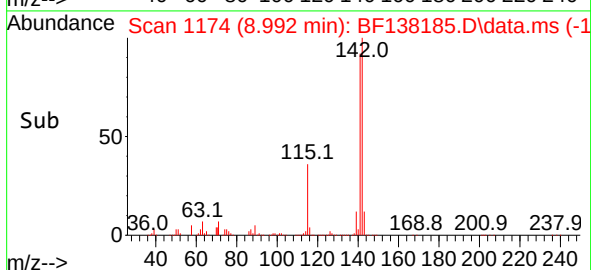
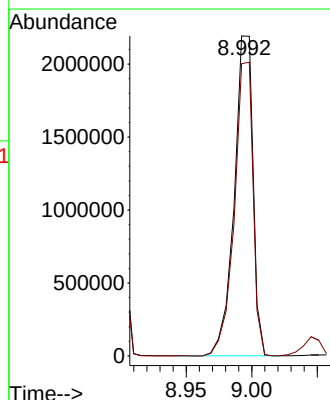
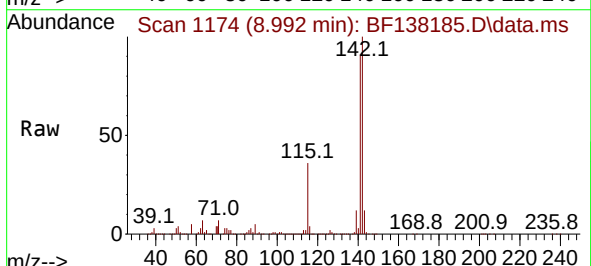
Acq: 11 Jun 2024 13:36

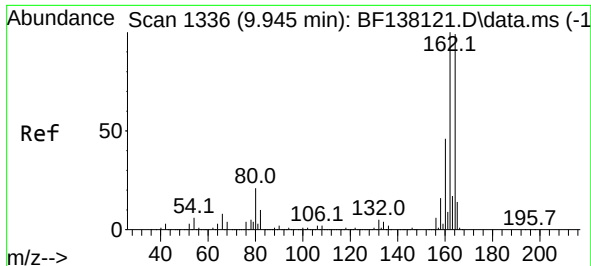
Tgt Ion:142 Resp: 2199188

Ion Ratio Lower Upper

142 100

141 91.3 73.3 109.9

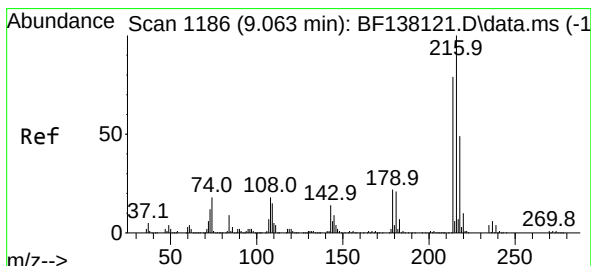
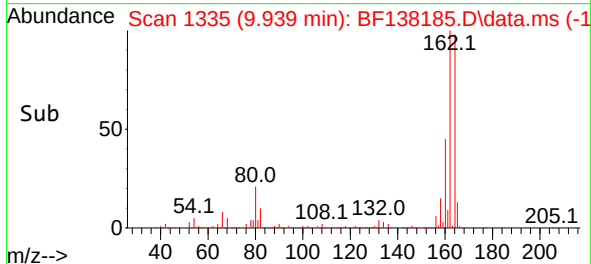
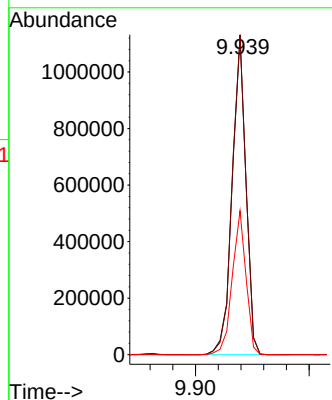
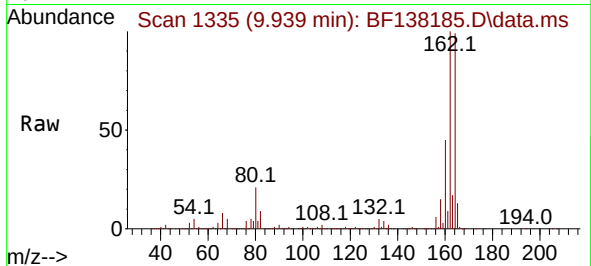




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF138185.D
 Acq: 11 Jun 2024 13:36

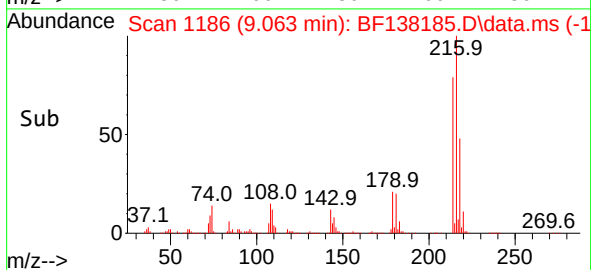
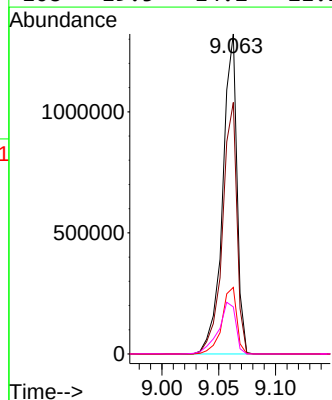
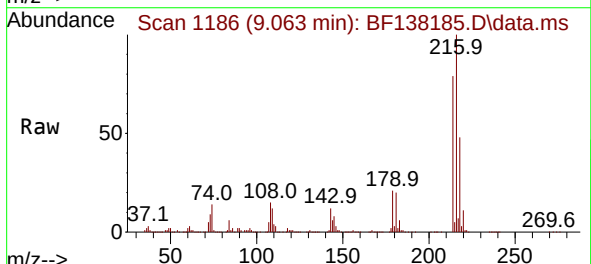
Instrument :
 BNA_F
 ClientSampleId :
 PB161404BS

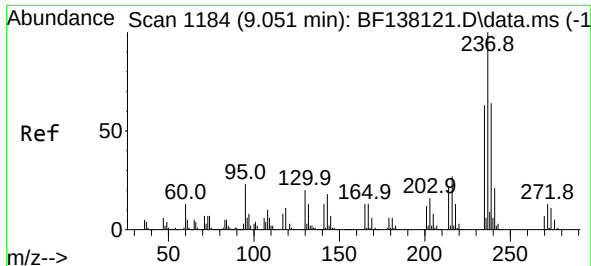
Tgt Ion:164 Resp: 948474
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.9 121.3
 160 45.2 37.0 55.6



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.369 ng
 RT: 9.063 min Scan# 1186
 Delta R.T. -0.000 min
 Lab File: BF138185.D
 Acq: 11 Jun 2024 13:36

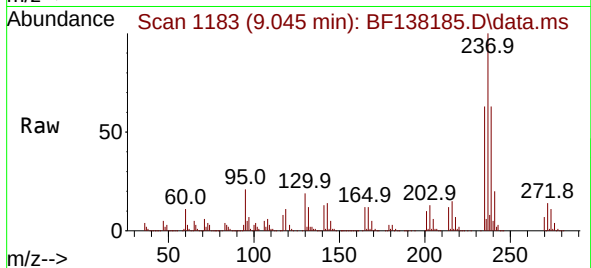
Tgt Ion:216 Resp: 1161346
 Ion Ratio Lower Upper
 216 100
 214 79.2 63.3 94.9
 179 21.5 16.9 25.3
 108 19.5 14.2 21.2



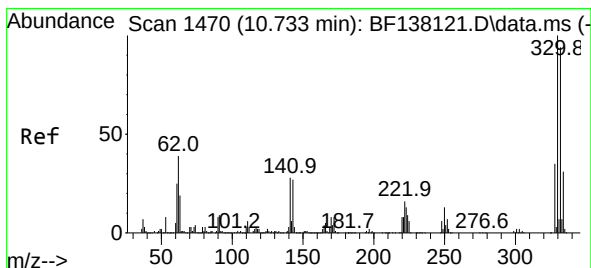
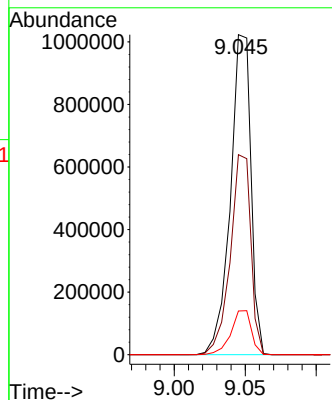
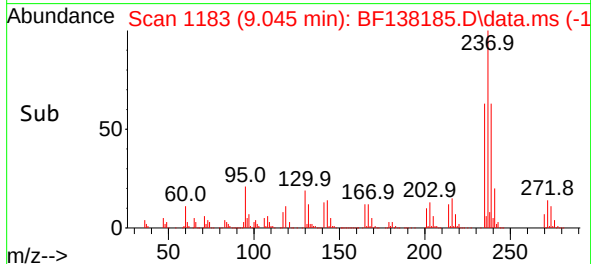


#41
Hexachlorocyclopentadiene
Concen: 116.416 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Instrument :
BNA_F
ClientSampleId :
PB161404BS

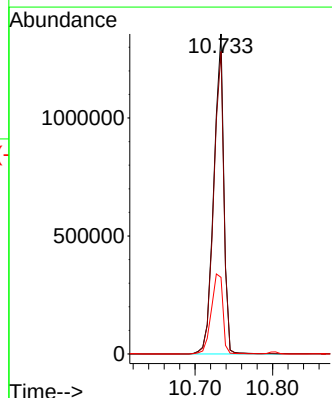
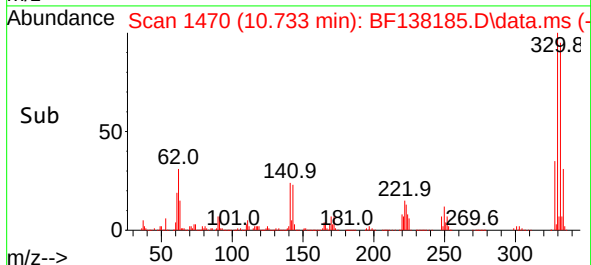
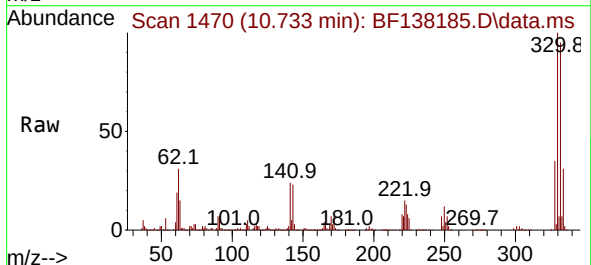


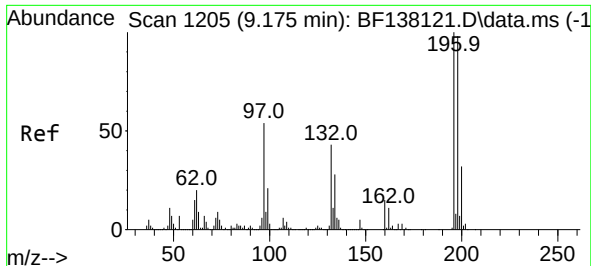
Tgt Ion:237 Resp: 1029115
Ion Ratio Lower Upper
237 100
235 62.5 43.4 83.4
272 13.6 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 133.433 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:330 Resp: 1217957
Ion Ratio Lower Upper
330 100
332 96.1 75.8 113.8
141 28.9 23.2 34.8

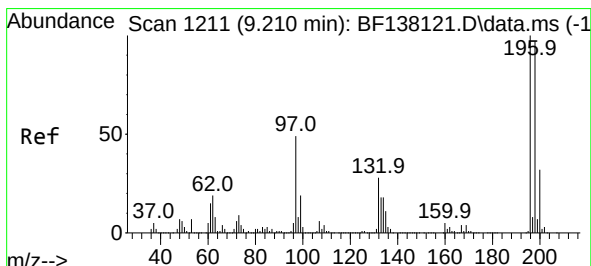
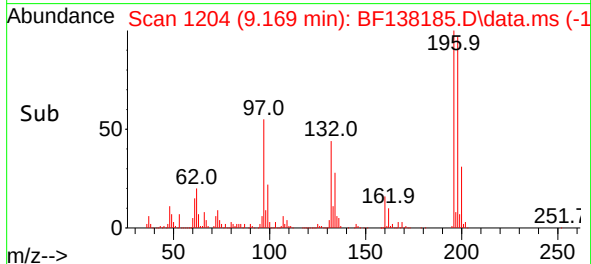
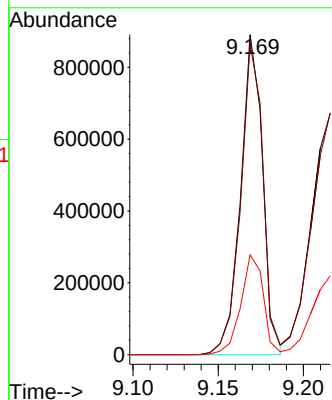
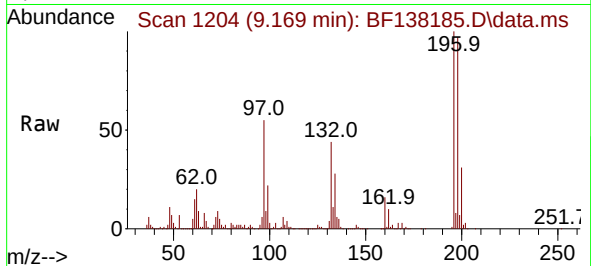




#43
2,4,6-Trichlorophenol
Concen: 49.163 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

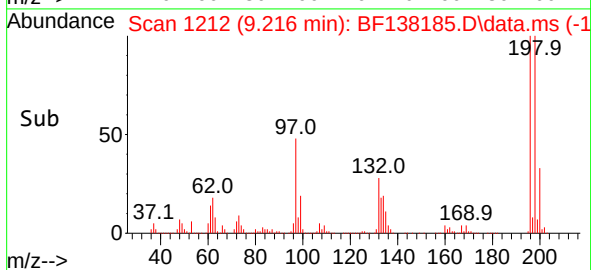
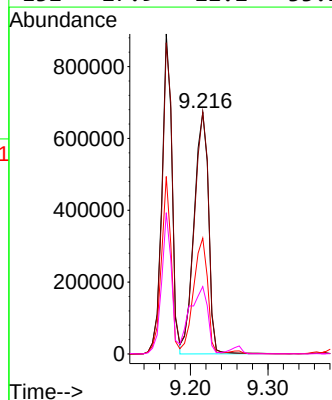
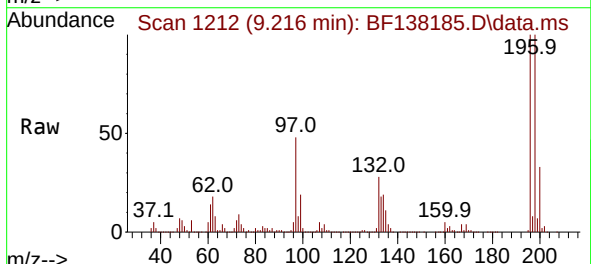
Instrument :
BNA_F
ClientSampleId :
PB161404BS

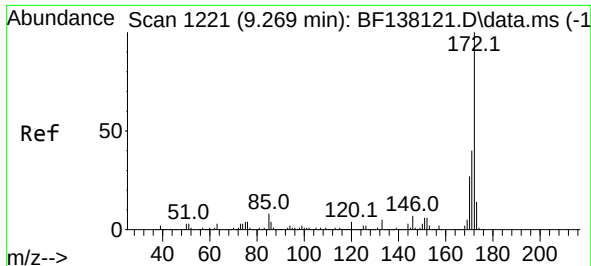
Tgt Ion:196 Resp: 799313
Ion Ratio Lower Upper
196 100
198 97.2 78.5 117.7
200 31.2 25.4 38.0



#44
2,4,5-Trichlorophenol
Concen: 48.533 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:196 Resp: 869485
Ion Ratio Lower Upper
196 100
198 100.2 77.4 116.0
97 48.0 39.5 59.3
132 27.9 22.2 33.2

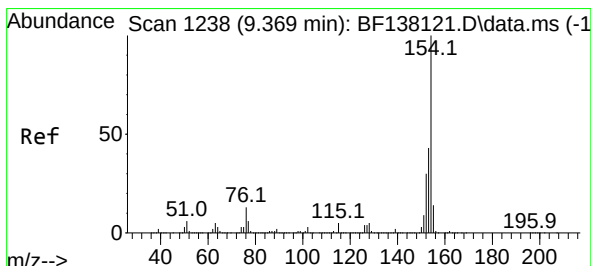
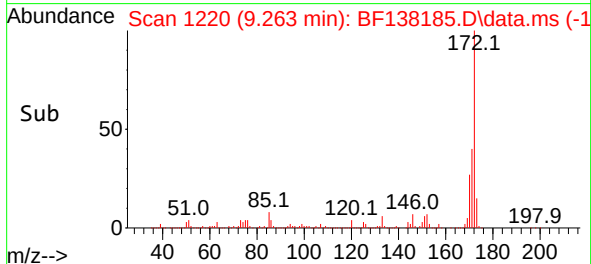
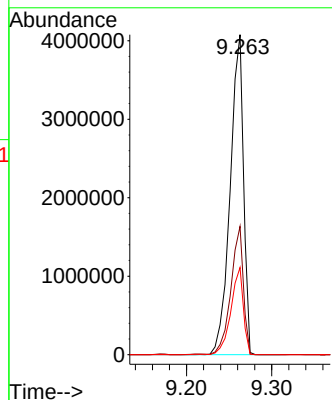
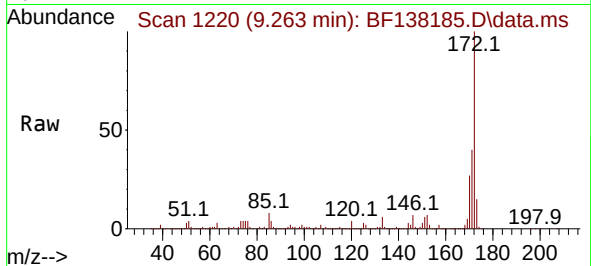




#45
2-Fluorobiphenyl
Concen: 81.705 ng
RT: 9.263 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

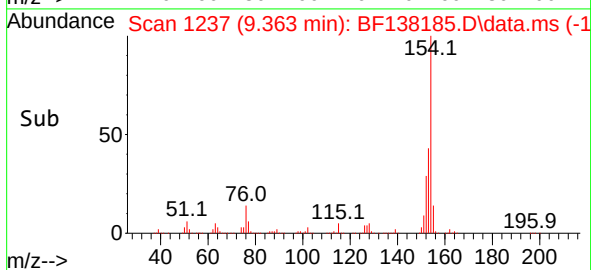
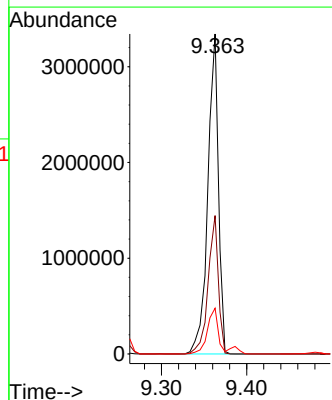
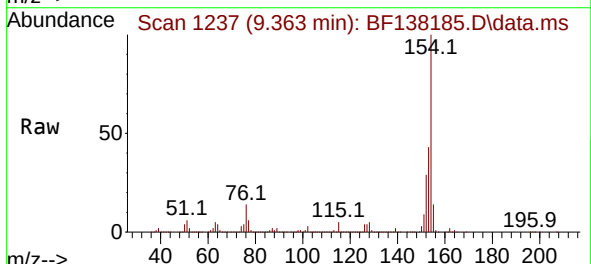
Instrument :
BNA_F
ClientSampleId :
PB161404BS

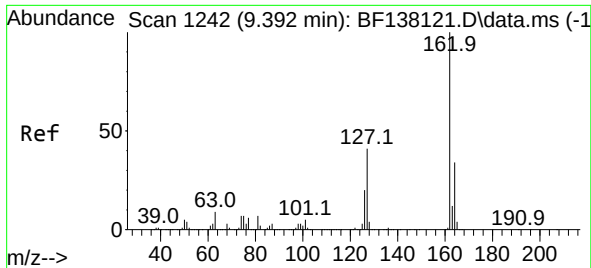
Tgt Ion:172 Resp: 4431988
Ion Ratio Lower Upper
172 100
171 40.1 31.6 47.4
170 27.3 21.4 32.2



#46
1,1'-Biphenyl
Concen: 43.265 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:154 Resp: 2882429
Ion Ratio Lower Upper
154 100
153 43.2 22.7 62.7
76 14.3 0.0 33.3

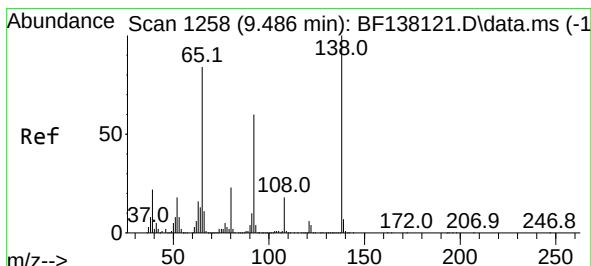
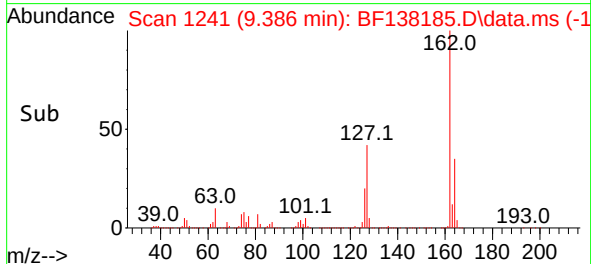
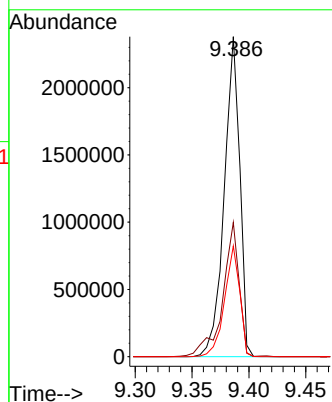
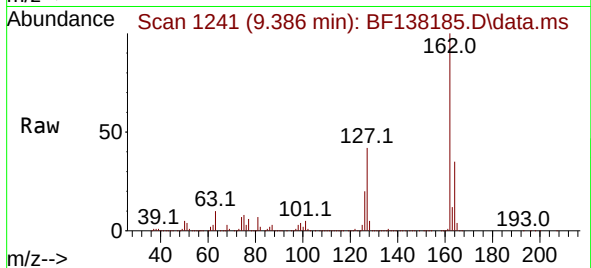




#47
2-Chloronaphthalene
Concen: 42.650 ng
RT: 9.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

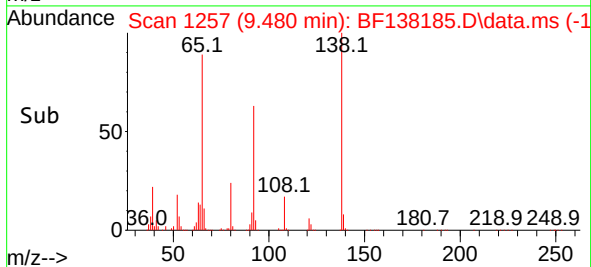
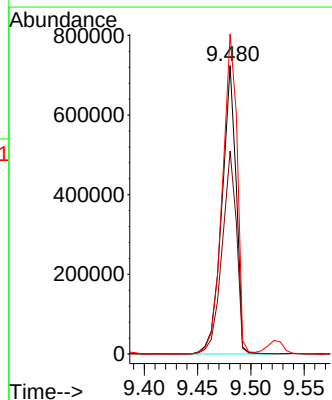
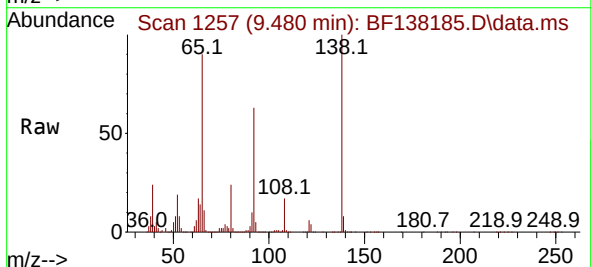
Instrument :
BNA_F
ClientSampleId :
PB161404BS

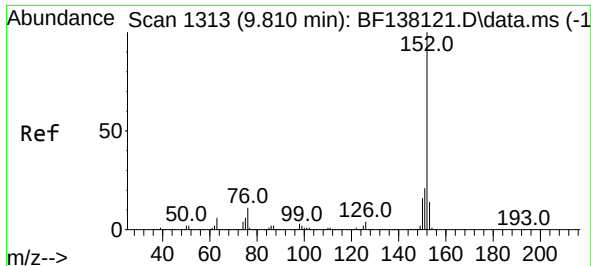
Tgt Ion:162 Resp: 2264485
Ion Ratio Lower Upper
162 100
127 42.0 33.0 49.4
164 34.6 27.5 41.3



#48
2-Nitroaniline
Concen: 50.585 ng
RT: 9.480 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion: 65 Resp: 671162
Ion Ratio Lower Upper
65 100
92 70.4 57.3 85.9
138 111.0 95.4 143.2





#49

Acenaphthylene

Concen: 46.183 ng

RT: 9.804 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138185.D

Acq: 11 Jun 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB161404BS

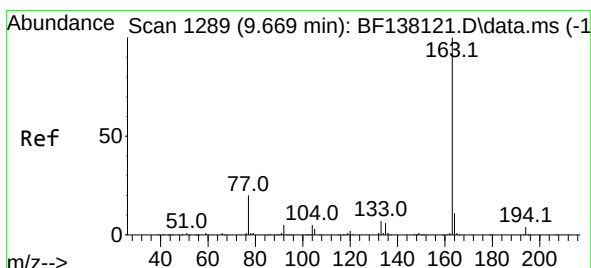
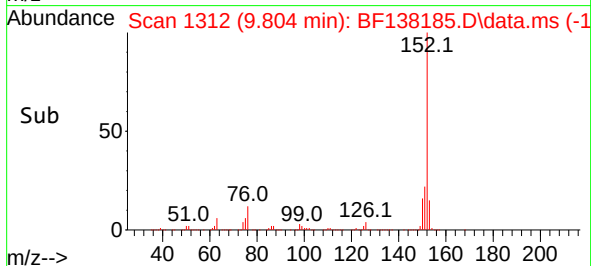
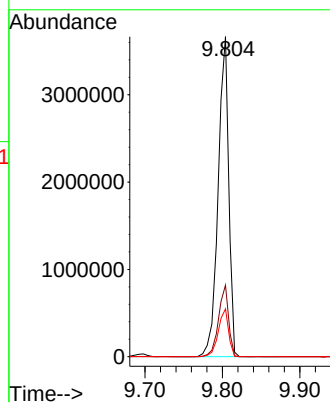
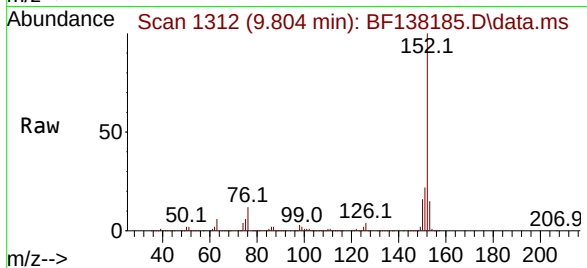
Tgt Ion:152 Resp: 3469953

Ion Ratio Lower Upper

152 100

151 22.3 17.1 25.7

153 15.0 11.6 17.4



#50

Dimethylphthalate

Concen: 44.987 ng

RT: 9.663 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF138185.D

Acq: 11 Jun 2024 13:36

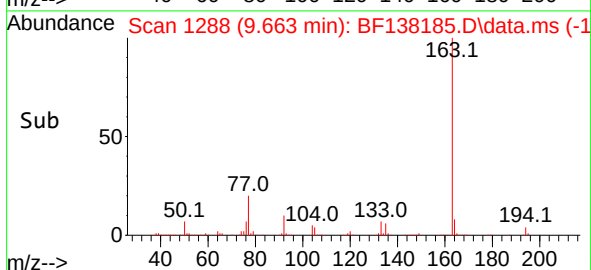
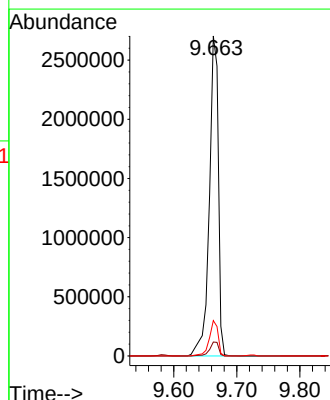
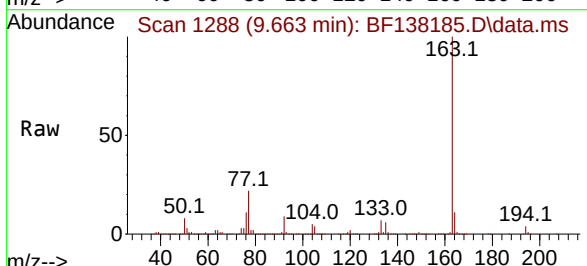
Tgt Ion:163 Resp: 2681107

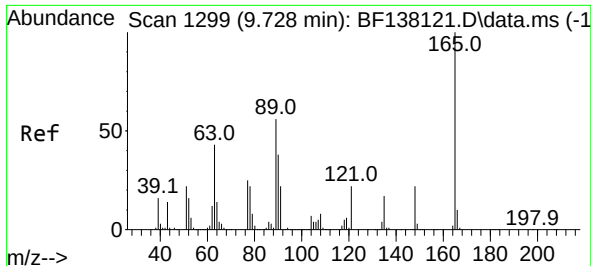
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 11.0 8.6 12.8

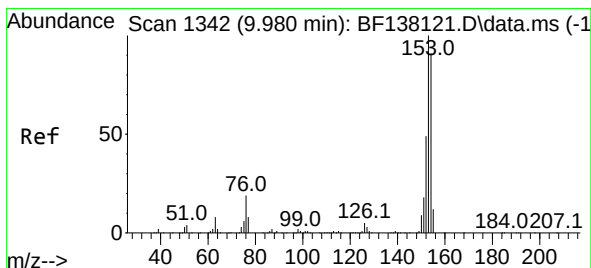
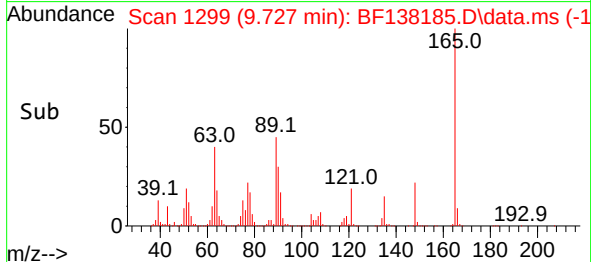
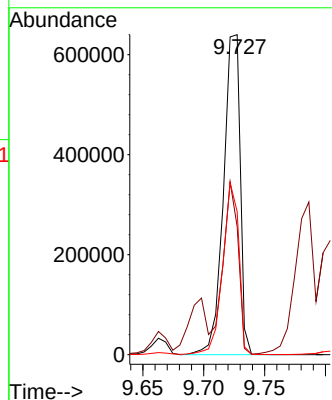
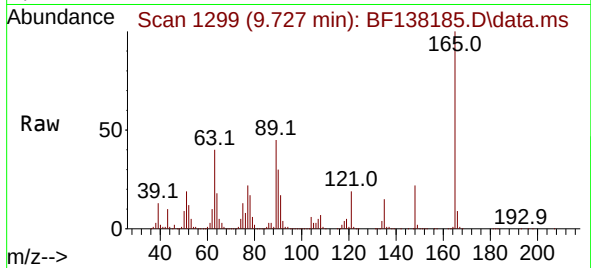




#51
2,6-Dinitrotoluene
Concen: 47.577 ng
RT: 9.727 min Scan# 1341
Delta R.T. -0.001 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

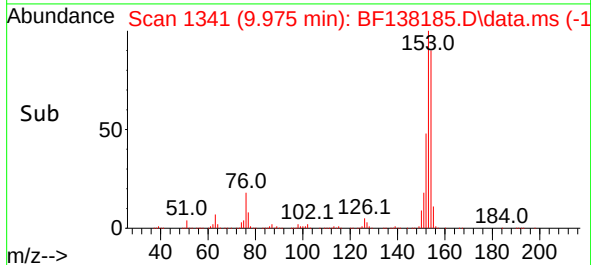
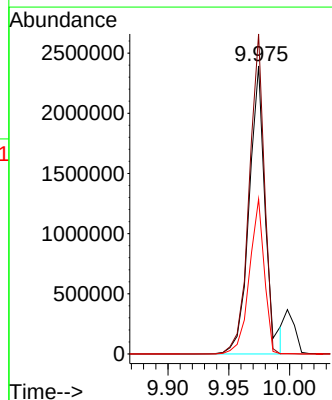
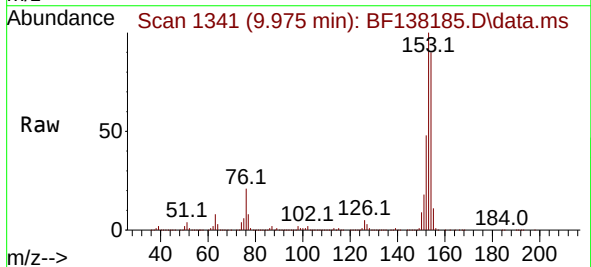
Instrument :
BNA_F
ClientSampleId :
PB161404BS

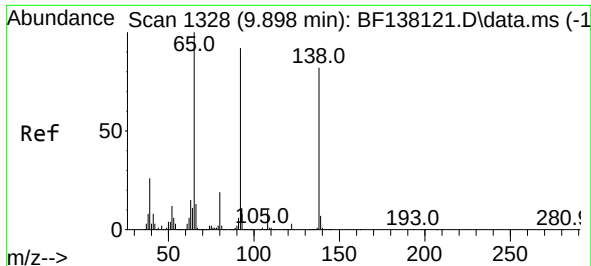
Tgt Ion:165 Resp: 614969
Ion Ratio Lower Upper
165 100
63 40.1 42.9 64.3#
89 44.7 45.0 67.4#



#52
Acenaphthene
Concen: 43.303 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:154 Resp: 2198362
Ion Ratio Lower Upper
154 100
153 111.1 87.6 131.4
152 53.8 43.0 64.6

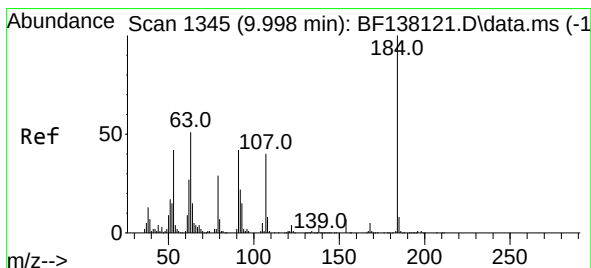
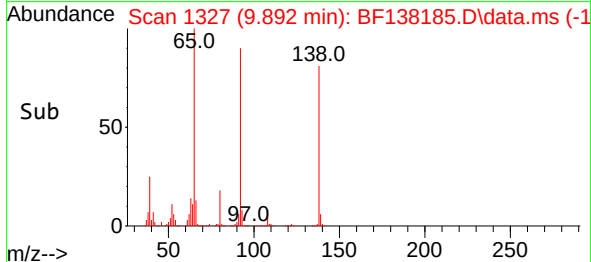
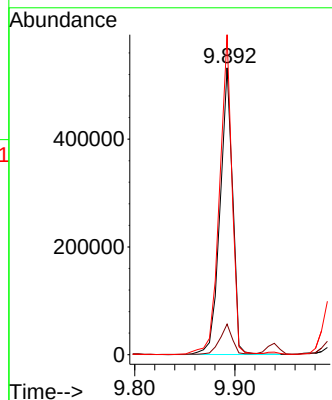
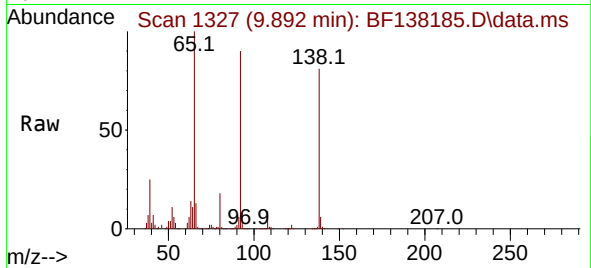




#53
3-Nitroaniline
Concen: 36.438 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

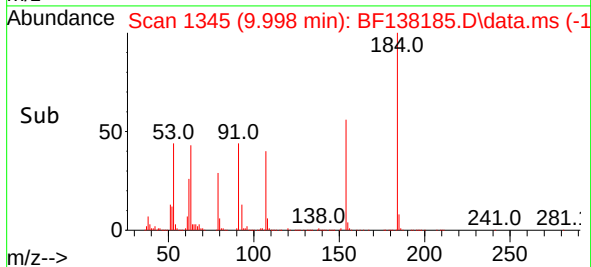
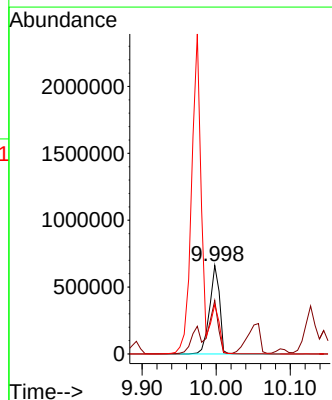
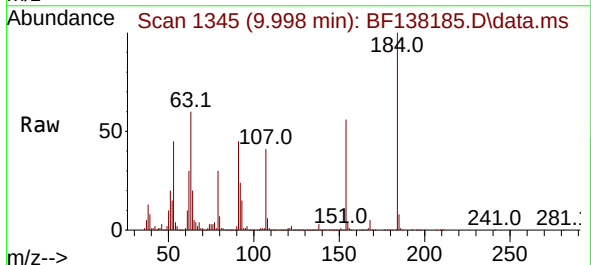
Instrument :
BNA_F
ClientSampleId :
PB161404BS

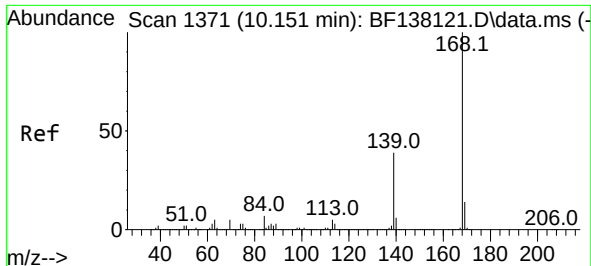
Tgt Ion:138 Resp: 461981
Ion Ratio Lower Upper
138 100
108 10.7 10.3 15.5
92 111.5 89.5 134.3



#54
2,4-Dinitrophenol
Concen: 103.947 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:184 Resp: 619949
Ion Ratio Lower Upper
184 100
63 60.5 45.4 68.0
154 55.8 46.0 69.0

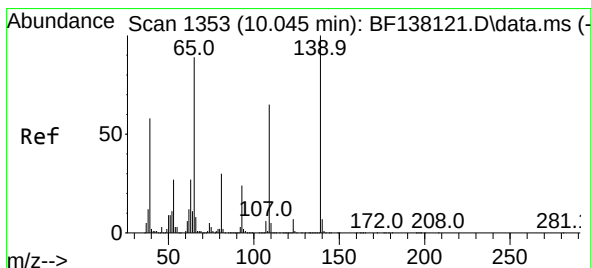
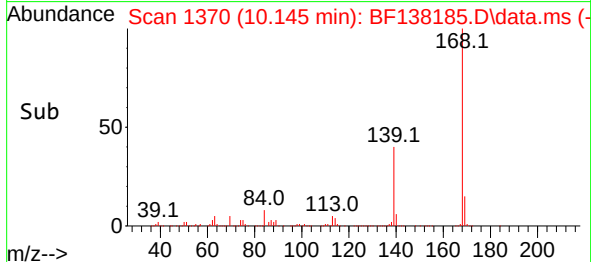
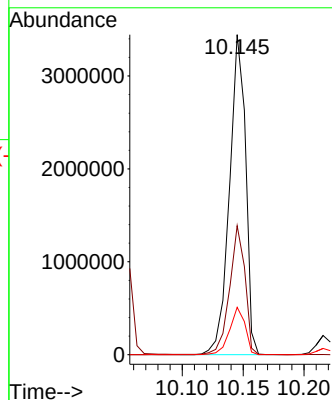
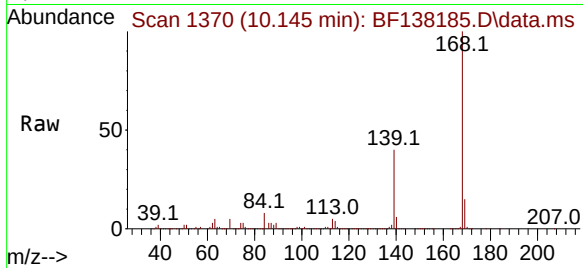




#55
Dibenzenofuran
Concen: 44.336 ng
RT: 10.145 min Scan# 1370
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

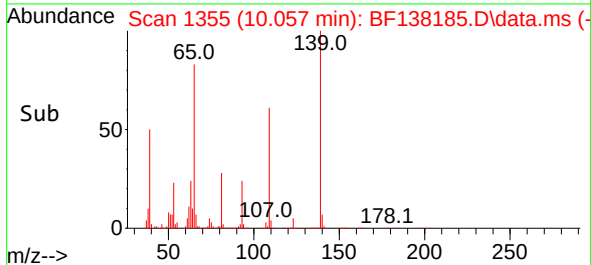
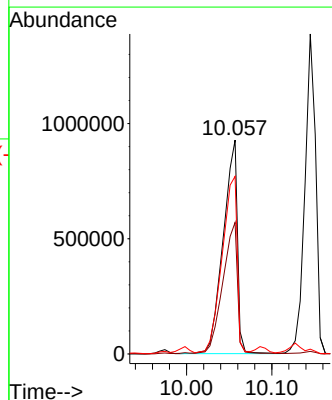
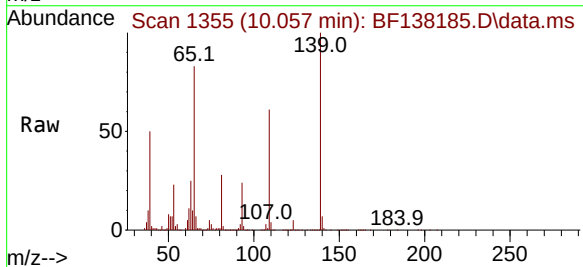
Instrument :
BNA_F
ClientSampleId :
PB161404BS

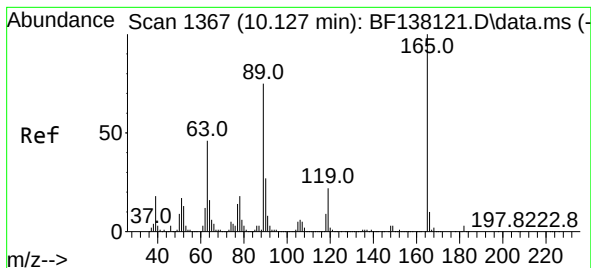
Tgt Ion:168 Resp: 3183632
Ion Ratio Lower Upper
168 100
139 40.3 31.1 46.7
169 14.8 11.6 17.4



#56
4-Nitrophenol
Concen: 118.887 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.012 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:139 Resp: 1077662
Ion Ratio Lower Upper
139 100
109 61.5 45.5 85.5
65 83.1 69.1 109.1

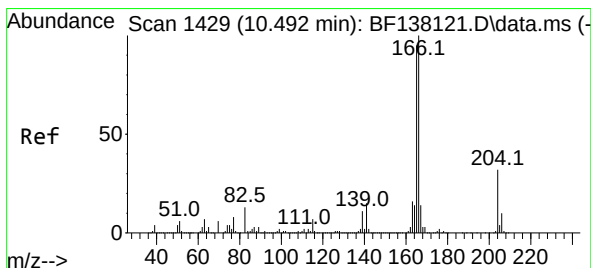
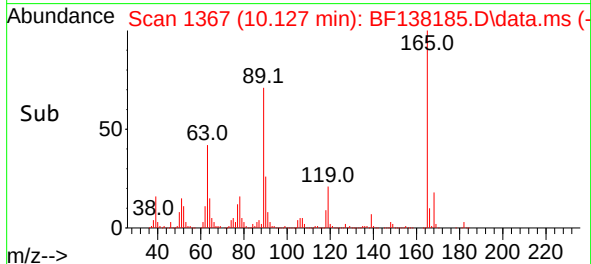
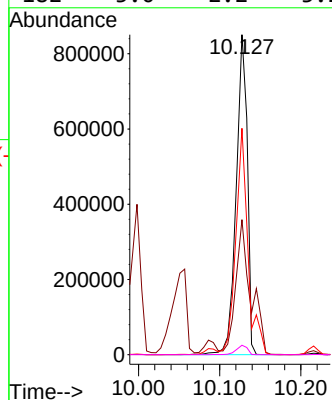
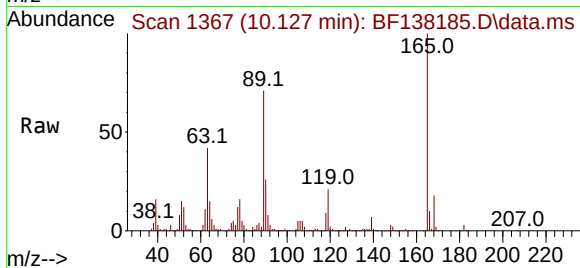




#57
2,4-Dinitrotoluene
Concen: 52.063 ng
RT: 10.127 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

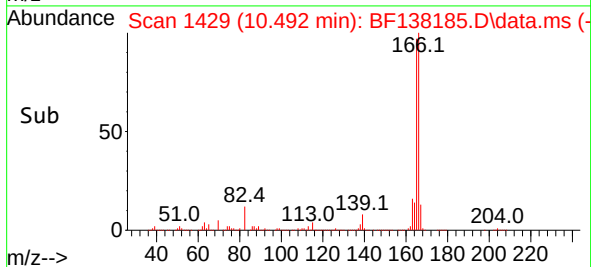
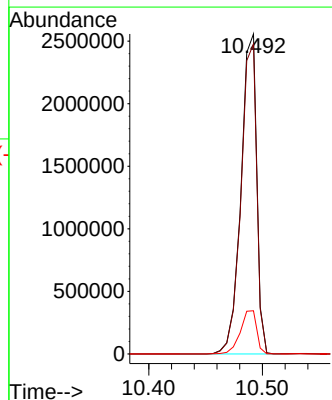
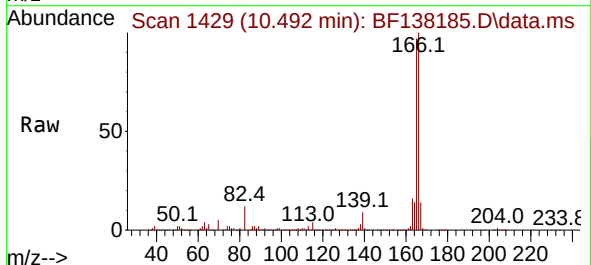
Instrument :
BNA_F
ClientSampleId :
PB161404BS

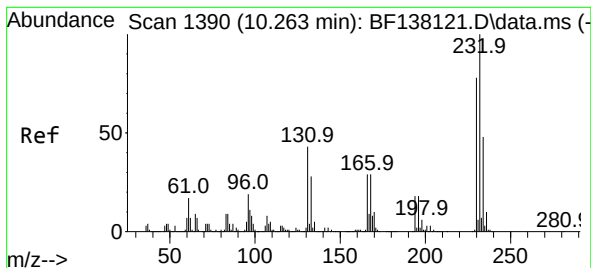
Tgt Ion:165 Resp: 807871
Ion Ratio Lower Upper
165 100
63 42.2 36.8 55.2
89 70.7 60.2 90.2
182 3.0 2.2 3.2



#58
Fluorene
Concen: 43.020 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:166 Resp: 2453626
Ion Ratio Lower Upper
166 100
165 96.9 76.3 114.5
167 13.5 11.2 16.8

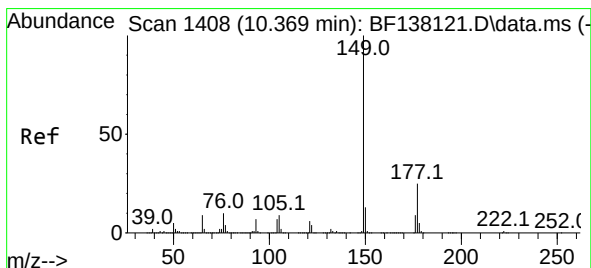
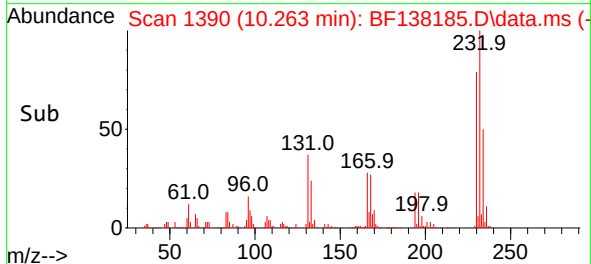
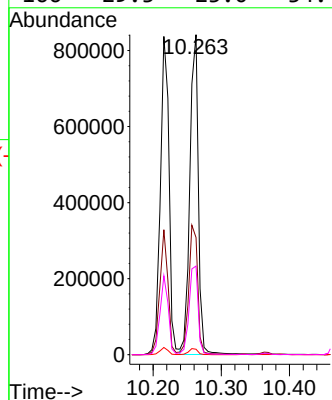
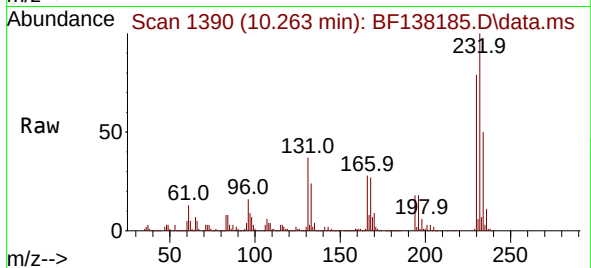




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.161 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

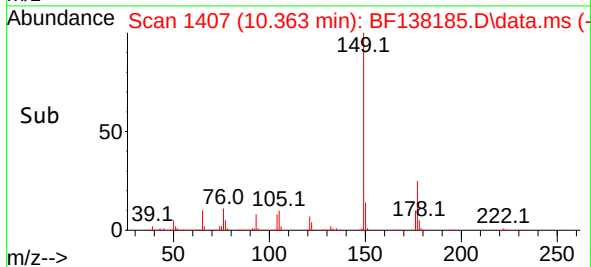
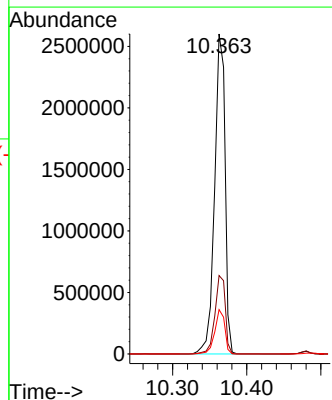
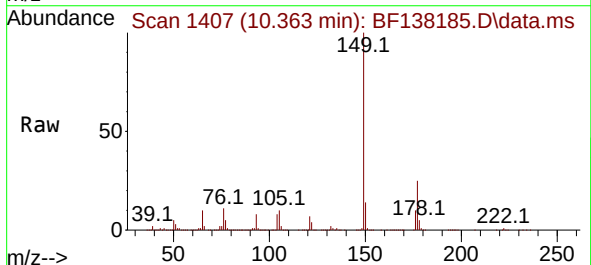
Instrument :
BNA_F
ClientSampleId :
PB161404BS

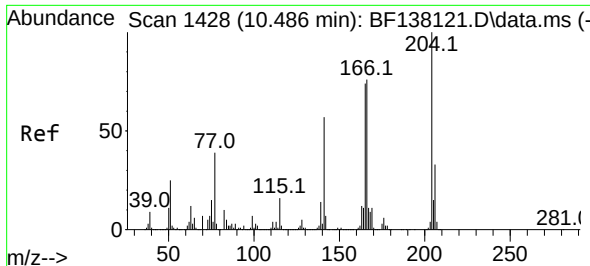
Tgt Ion:232 Resp: 722942
Ion Ratio Lower Upper
232 100
131 42.2 33.7 50.5
130 2.0 1.7 2.5
166 29.3 23.0 34.4



#60
Diethylphthalate
Concen: 43.725 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:149 Resp: 2543888
Ion Ratio Lower Upper
149 100
177 24.5 19.9 29.9
150 13.9 10.7 16.1

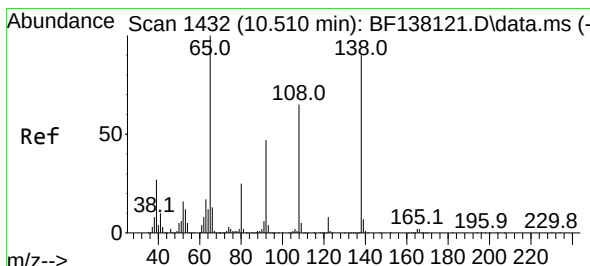
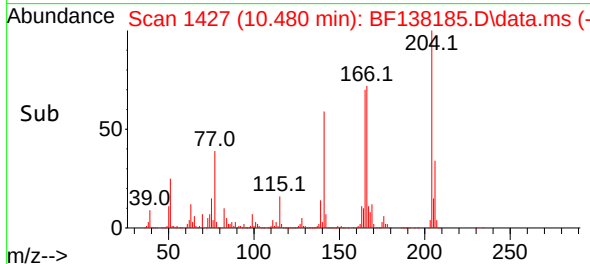
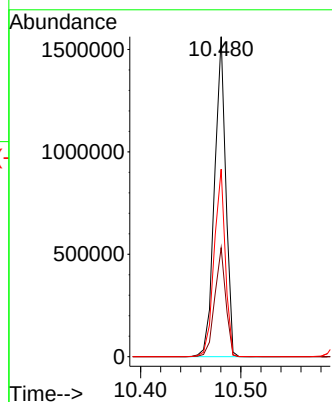
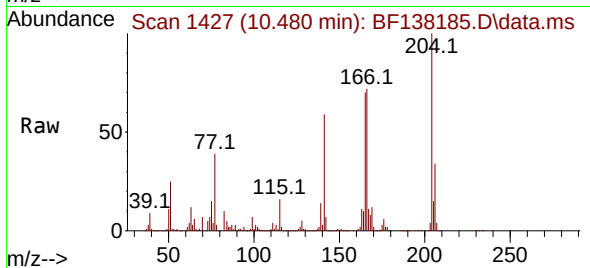




#61
4-Chlorophenyl-phenylether
Concen: 42.010 ng
RT: 10.480 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

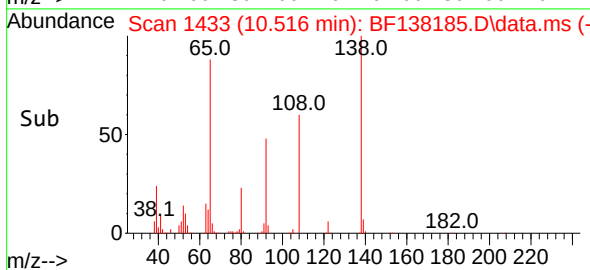
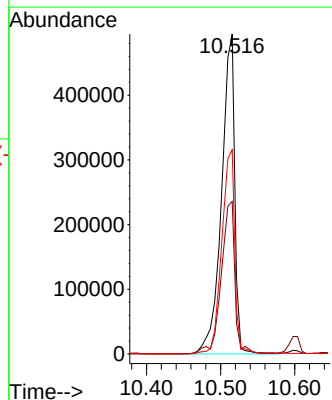
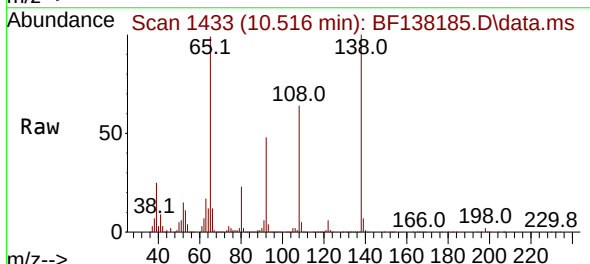
Instrument :
BNA_F
ClientSampleId :
PB161404BS

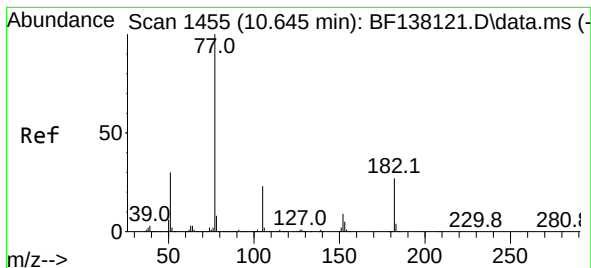
Tgt Ion:204 Resp: 1217233
Ion Ratio Lower Upper
204 100
206 34.1 26.5 39.7
141 58.6 45.2 67.8



#62
4-Nitroaniline
Concen: 55.165 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:138 Resp: 613669
Ion Ratio Lower Upper
138 100
92 47.7 32.3 72.3
108 63.8 53.0 93.0



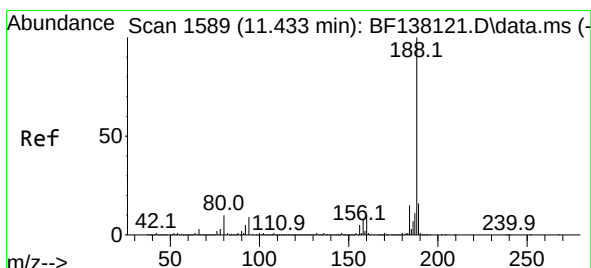
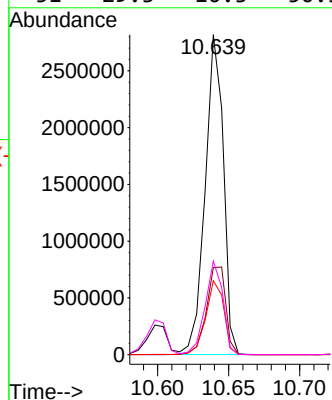
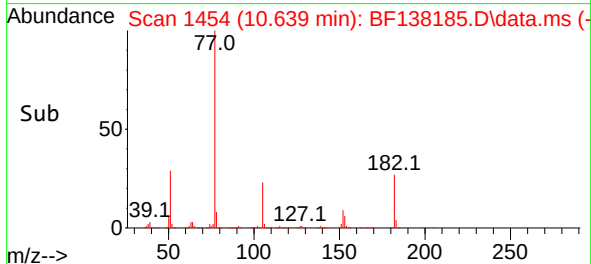
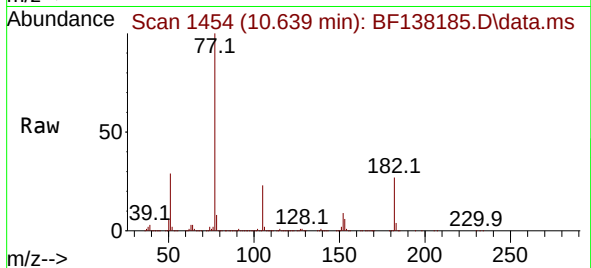


#63
Azobenzene
Concen: 44.775 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Instrument :
BNA_F
ClientSampleId :
PB161404BS

Tgt Ion: 77 Resp: 2509032

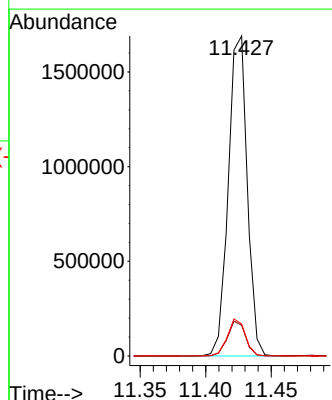
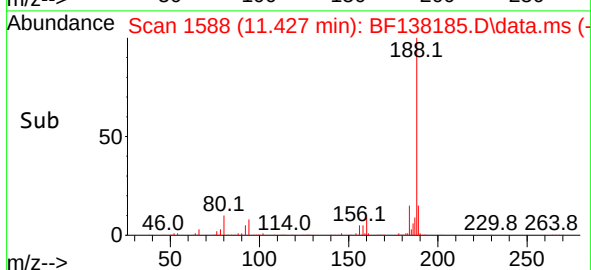
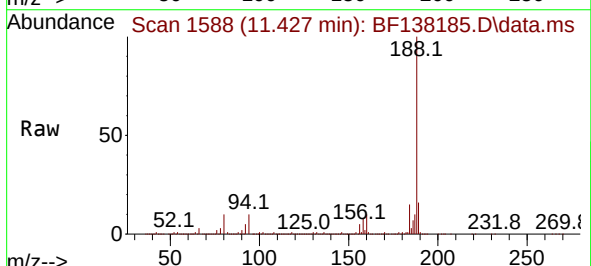
Ion	Ratio	Lower	Upper
77	100		
182	27.2	7.2	47.2
105	23.1	3.0	43.0
51	29.3	10.3	50.3

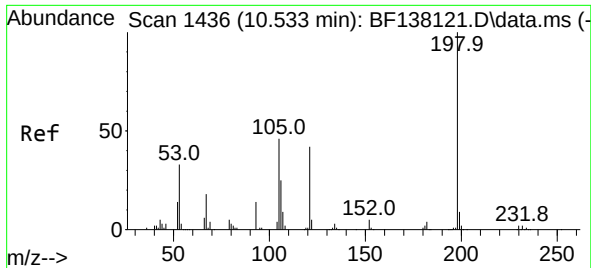


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion: 188 Resp: 1695661

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.4	11.2
80	10.0	7.7	11.5

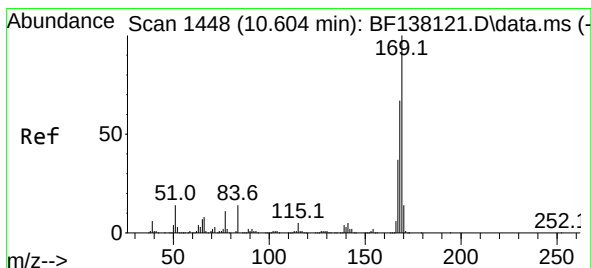
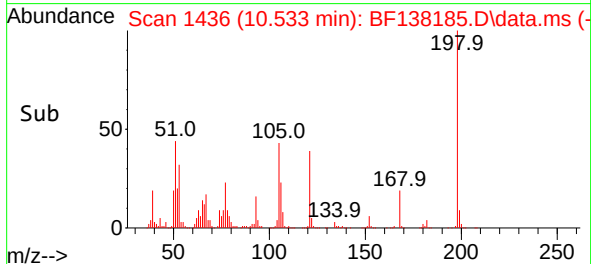
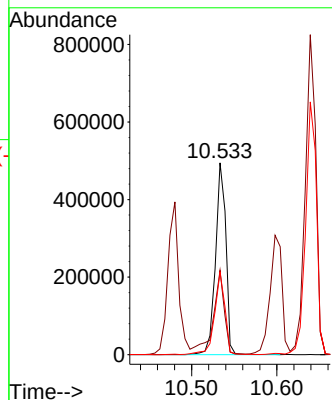
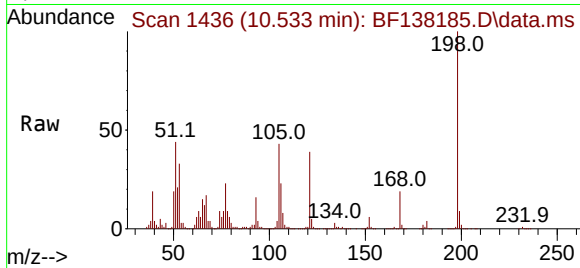




#65
4,6-Dinitro-2-methylphenol
Concen: 60.239 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

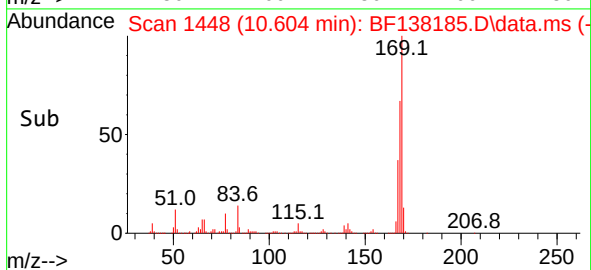
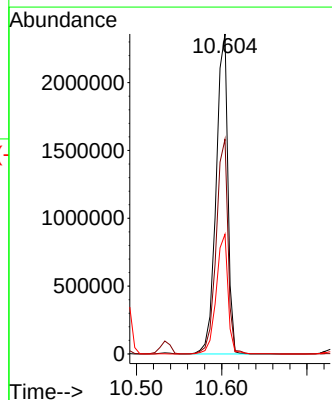
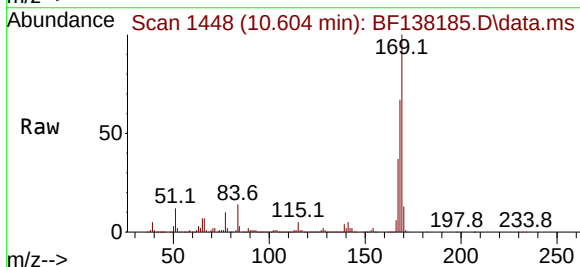
Instrument :
BNA_F
ClientSampleId :
PB161404BS

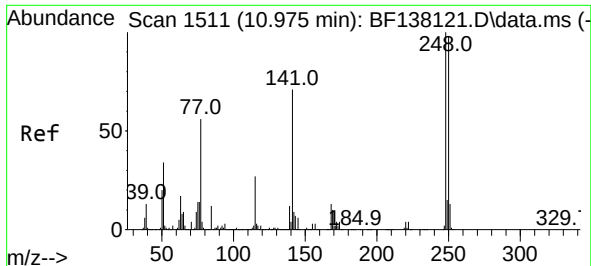
Tgt Ion:198 Resp: 418981
Ion Ratio Lower Upper
198 100
51 44.0 28.2 68.2
105 43.1 26.8 66.8



#66
n-Nitrosodiphenylamine
Concen: 44.504 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:169 Resp: 2253498
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.2
167 37.4 29.8 44.6





#67

4-Bromophenyl-phenylether

Concen: 43.856 ng

RT: 10.969 min Scan# 1510

Delta R.T. -0.006 min

Lab File: BF138185.D

Acq: 11 Jun 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB161404BS

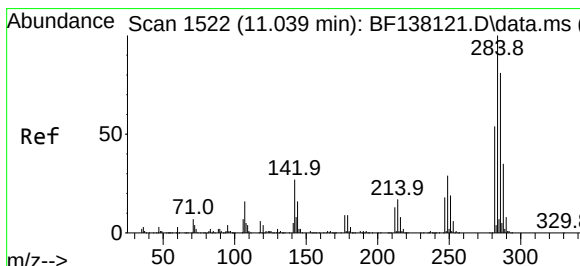
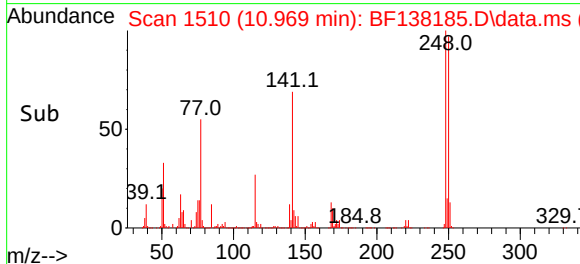
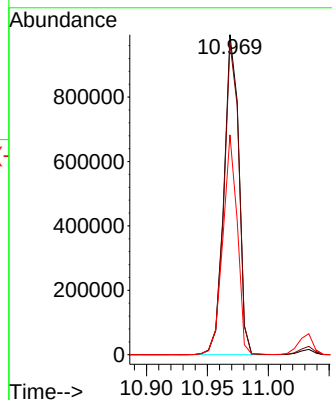
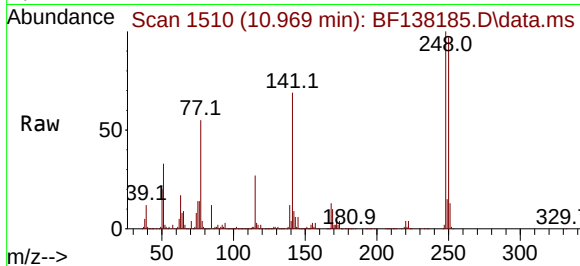
Tgt Ion:248 Resp: 846745

Ion Ratio Lower Upper

248 100

250 97.4 78.7 118.1

141 68.7 56.5 84.7



#68

Hexachlorobenzene

Concen: 42.339 ng

RT: 11.033 min Scan# 1521

Delta R.T. -0.006 min

Lab File: BF138185.D

Acq: 11 Jun 2024 13:36

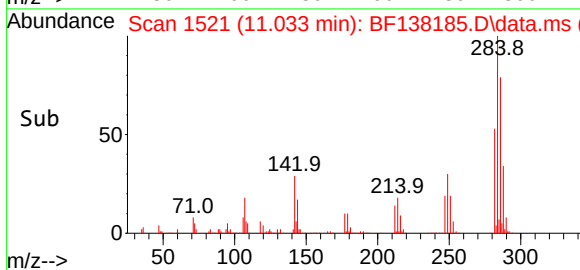
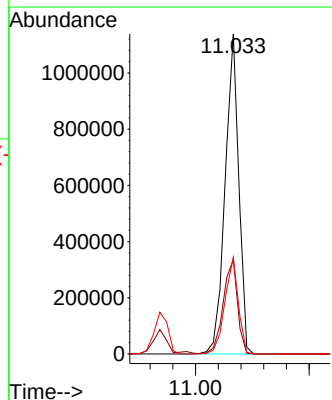
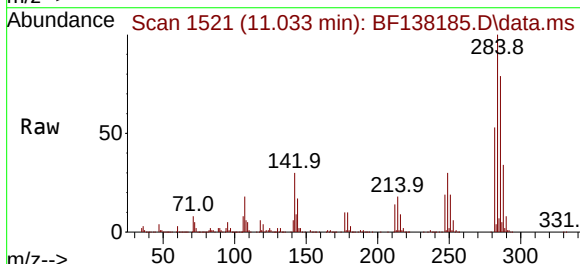
Tgt Ion:284 Resp: 950326

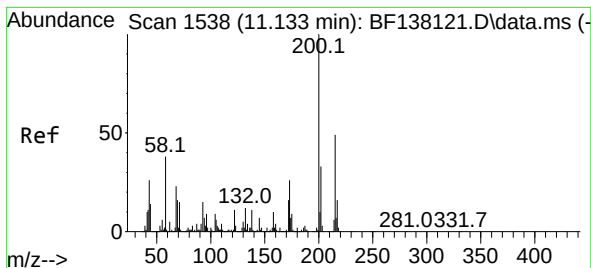
Ion Ratio Lower Upper

284 100

142 29.5 21.4 32.0

249 30.2 23.3 34.9





#69

Atrazine

Concen: 48.250 ng

RT: 11.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138185.D

Acq: 11 Jun 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB161404BS

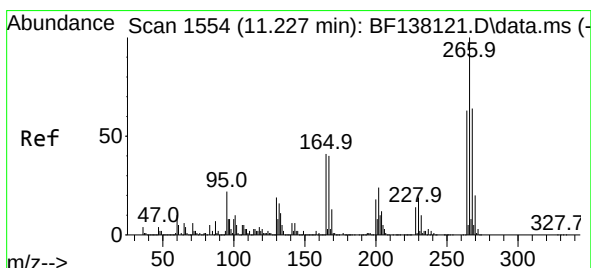
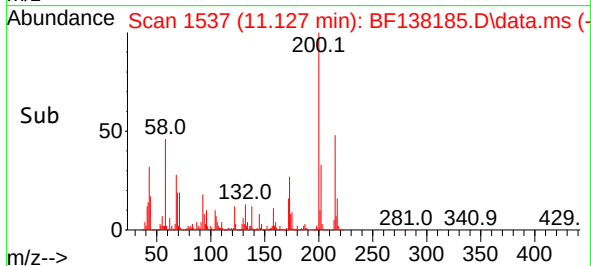
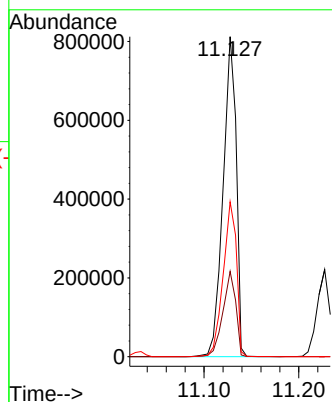
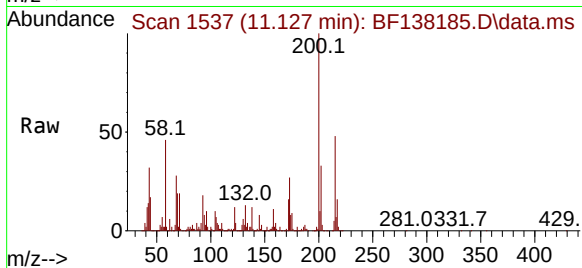
Tgt Ion:200 Resp: 786076

Ion Ratio Lower Upper

200 100

173 26.6 5.7 45.7

215 48.4 29.4 69.4



#70

Pentachlorophenol

Concen: 94.644 ng

RT: 11.227 min Scan# 1554

Delta R.T. -0.000 min

Lab File: BF138185.D

Acq: 11 Jun 2024 13:36

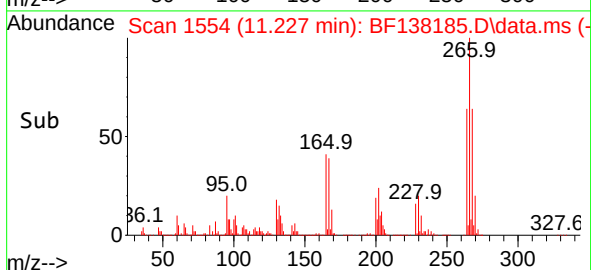
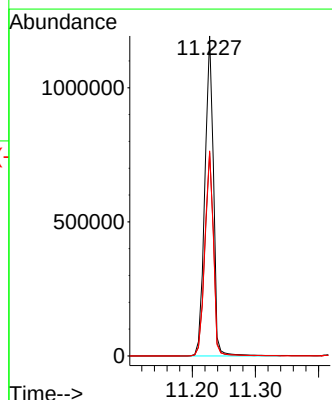
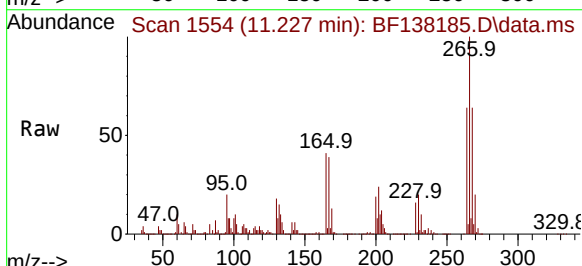
Tgt Ion:266 Resp: 1137200

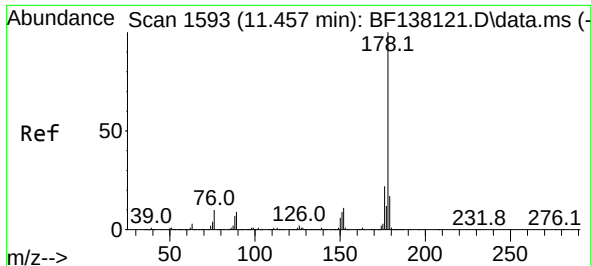
Ion Ratio Lower Upper

266 100

268 63.6 51.4 77.0

264 64.1 50.1 75.1

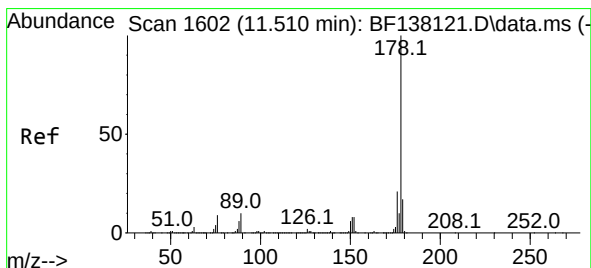
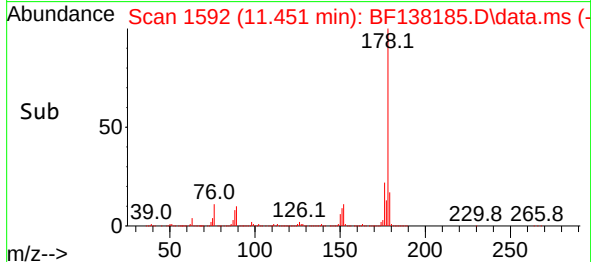
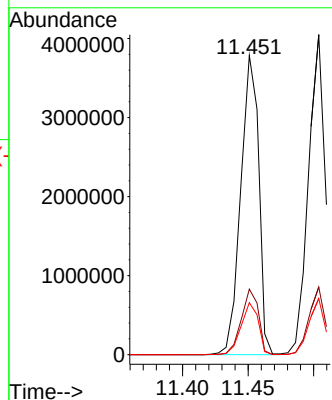
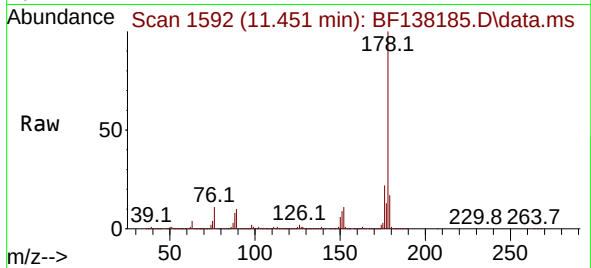




#71
Phenanthrene
Concen: 44.429 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

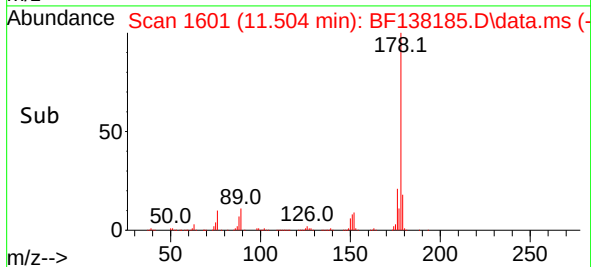
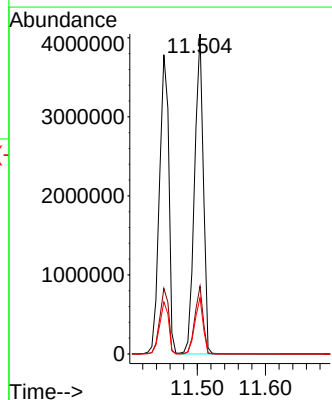
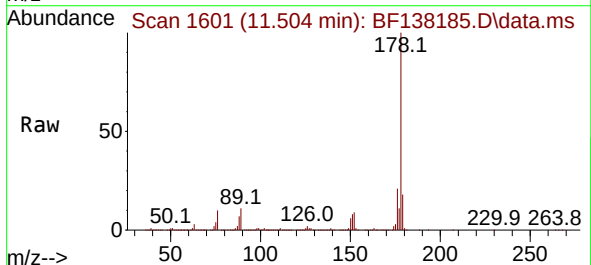
Instrument :
BNA_F
ClientSampleId :
PB161404BS

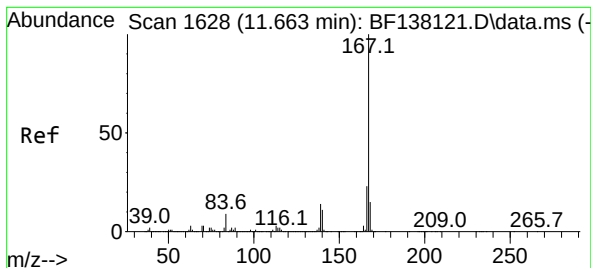
Tgt Ion:178 Resp: 3626742
Ion Ratio Lower Upper
178 100
176 21.9 17.2 25.8
179 17.4 13.6 20.4



#72
Anthracene
Concen: 44.023 ng
RT: 11.504 min Scan# 1601
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:178 Resp: 3584233
Ion Ratio Lower Upper
178 100
176 21.2 16.5 24.7
179 17.5 13.6 20.4





#73

Carbazole

Concen: 45.078 ng

RT: 11.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138185.D

Acq: 11 Jun 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB161404BS

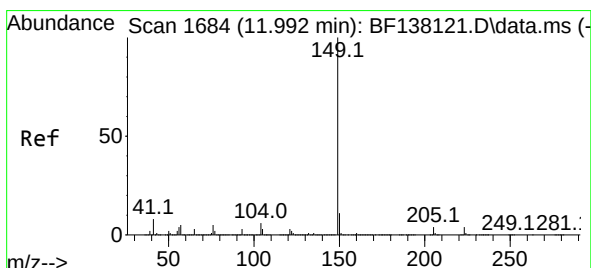
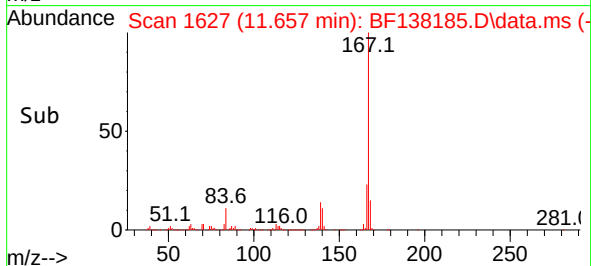
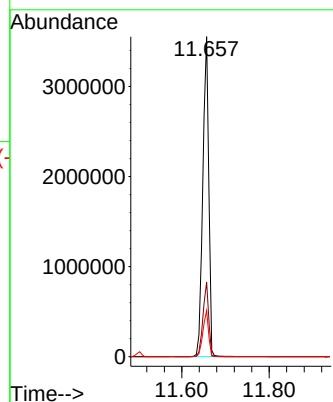
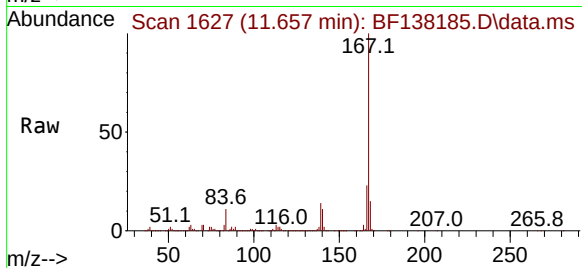
Tgt Ion:167 Resp: 3356359

Ion Ratio Lower Upper

167 100

166 23.3 18.6 27.8

139 14.4 11.0 16.6



#74

Di-n-butylphthalate

Concen: 43.910 ng

RT: 11.986 min Scan# 1683

Delta R.T. -0.006 min

Lab File: BF138185.D

Acq: 11 Jun 2024 13:36

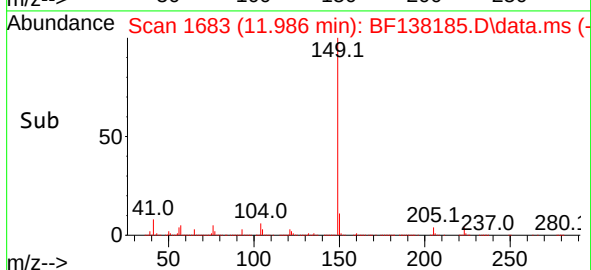
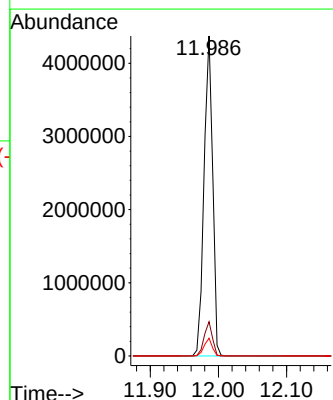
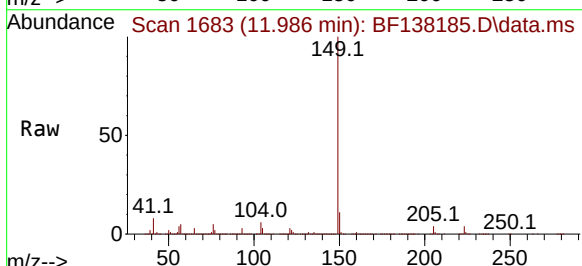
Tgt Ion:149 Resp: 3842912

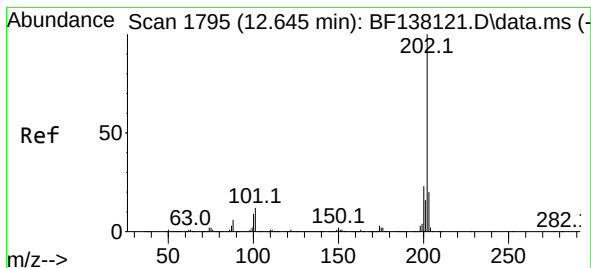
Ion Ratio Lower Upper

149 100

150 10.7 8.5 12.7

104 5.5 4.4 6.6





#75

Fluoranthene

Concen: 43.677 ng

RT: 12.639 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF138185.D

Acq: 11 Jun 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB161404BS

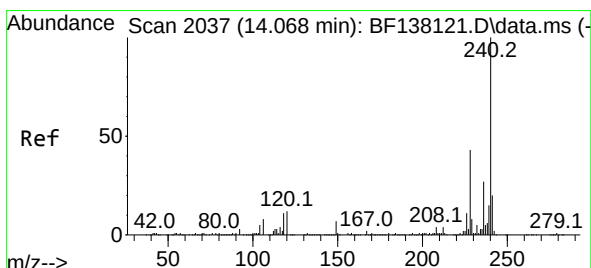
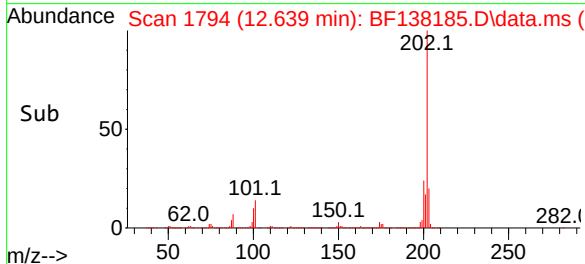
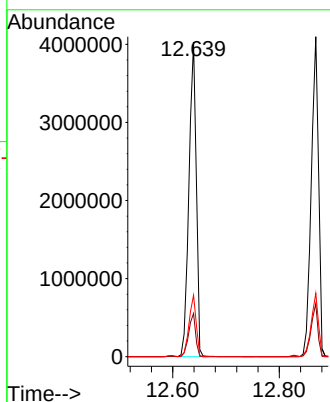
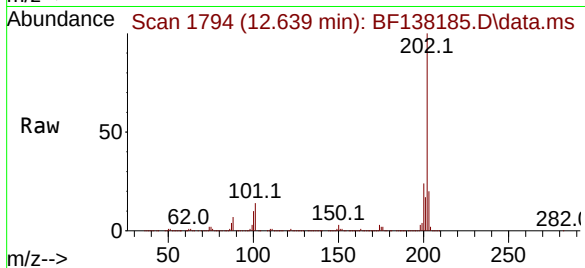
Tgt Ion:202 Resp: 3846918

Ion Ratio Lower Upper

202 100

101 13.7 0.0 32.2

203 19.6 0.0 39.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF138185.D

Acq: 11 Jun 2024 13:36

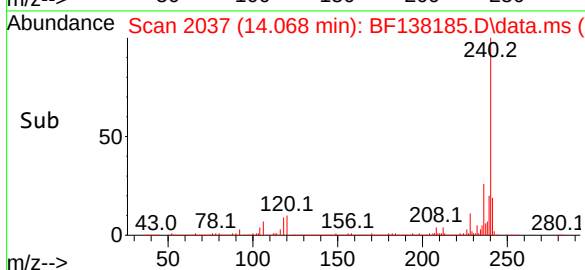
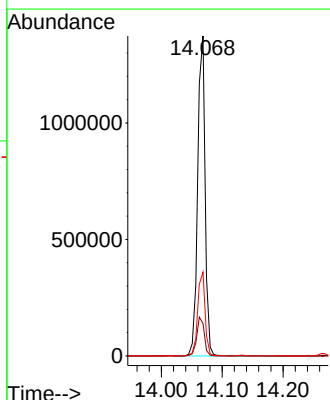
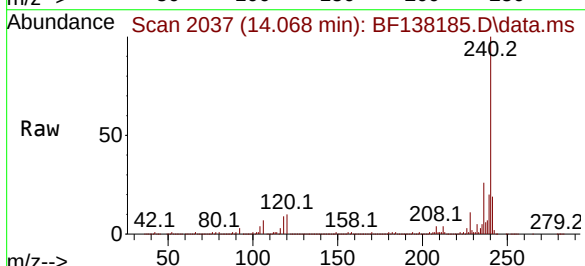
Tgt Ion:240 Resp: 1163718

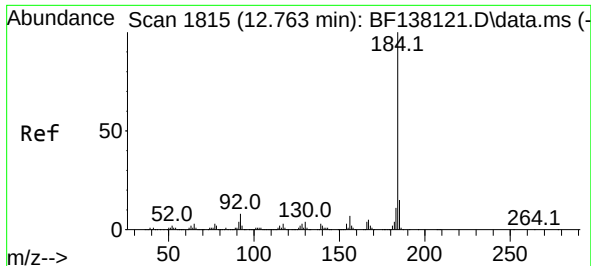
Ion Ratio Lower Upper

240 100

120 10.1 9.8 14.8

236 26.2 21.2 31.8

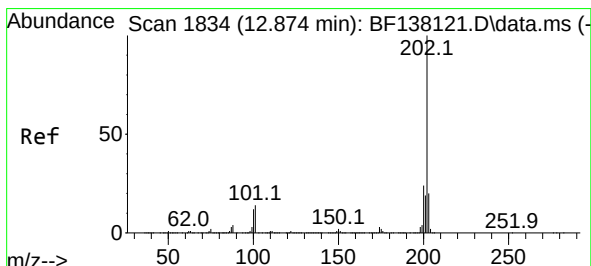
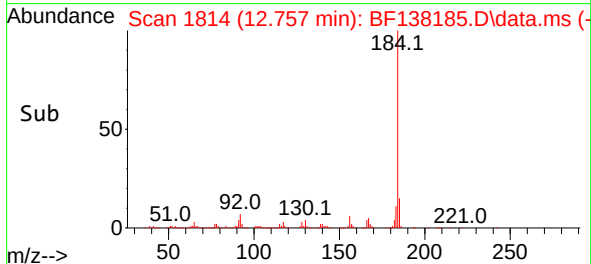
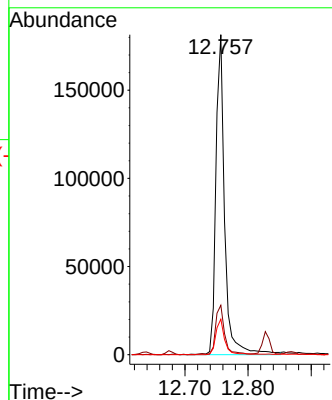
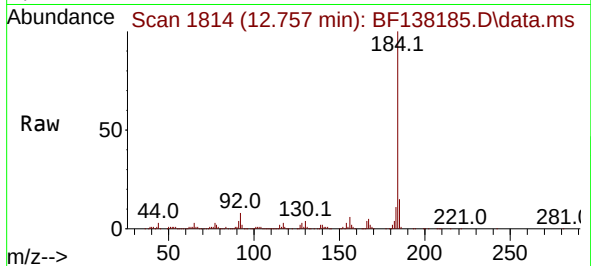




#77
Benzidine
Concen: 14.515 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

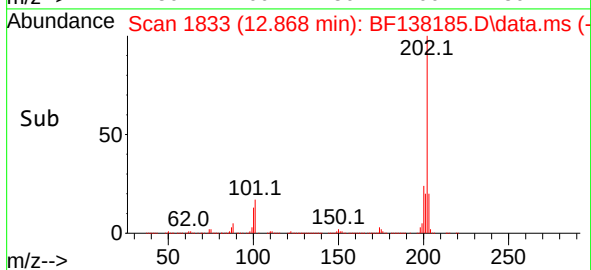
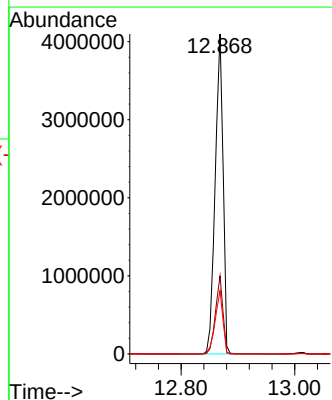
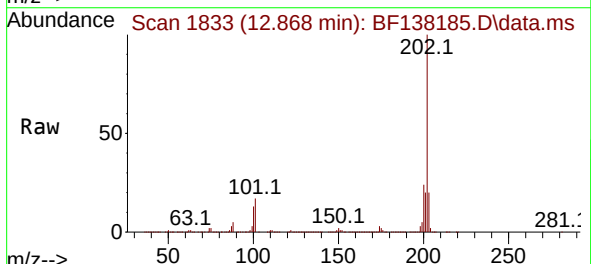
Instrument :
BNA_F
ClientSampleId :
PB161404BS

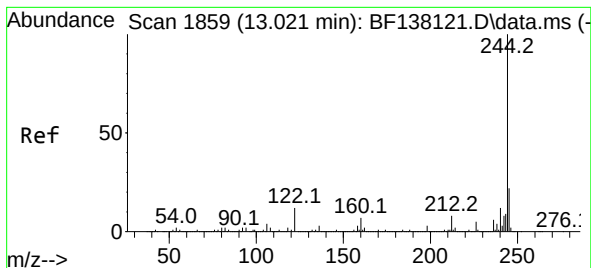
Tgt Ion:184 Resp: 173822
Ion Ratio Lower Upper
184 100
185 15.5 12.2 18.2
183 11.1 9.0 13.4



#78
Pyrene
Concen: 37.311 ng
RT: 12.868 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:202 Resp: 3926760
Ion Ratio Lower Upper
202 100
200 24.4 19.1 28.7
203 19.8 15.6 23.4





#79

Terphenyl-d14

Concen: 68.471 ng

RT: 13.015 min Scan# 1858

Delta R.T. -0.006 min

Lab File: BF138185.D

Acq: 11 Jun 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB161404BS

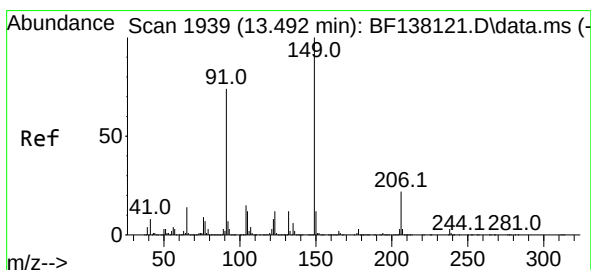
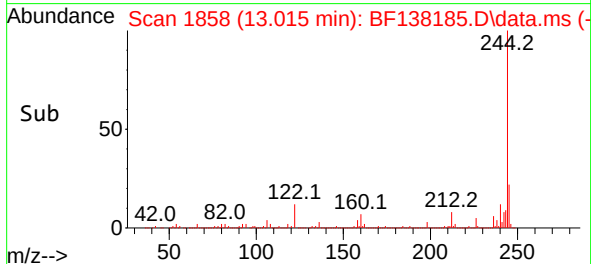
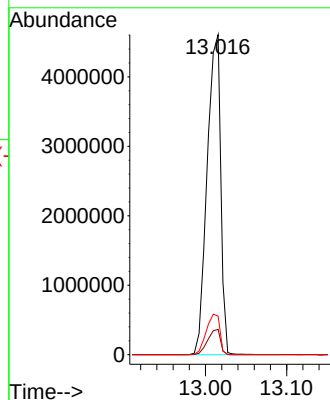
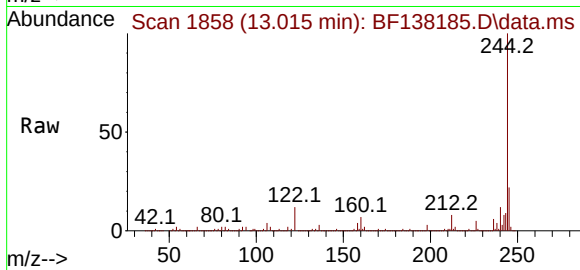
Tgt Ion:244 Resp: 5327251

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

122 12.1 9.4 14.2



#80

Butylbenzylphthalate

Concen: 46.327 ng

RT: 13.486 min Scan# 1938

Delta R.T. -0.006 min

Lab File: BF138185.D

Acq: 11 Jun 2024 13:36

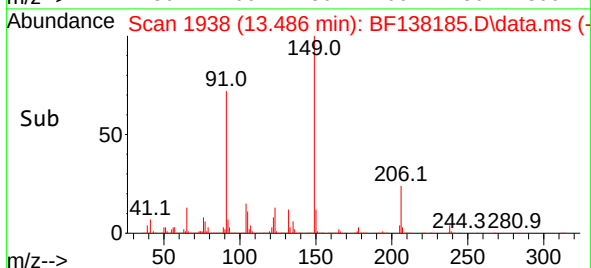
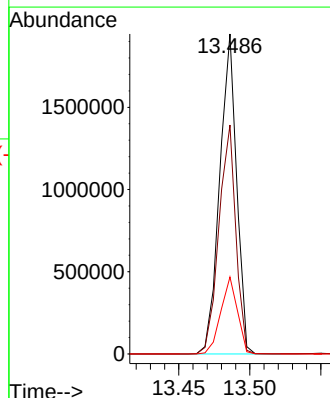
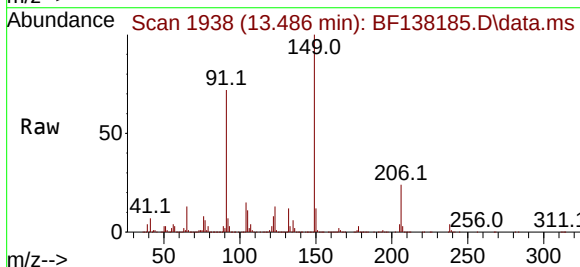
Tgt Ion:149 Resp: 1609982

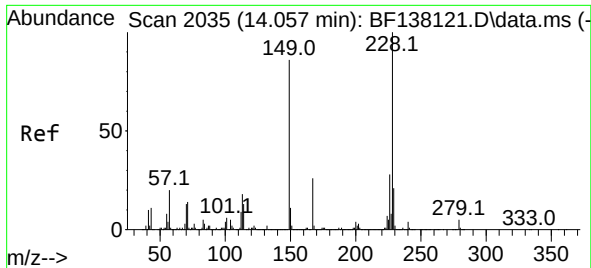
Ion Ratio Lower Upper

149 100

91 71.6 59.6 89.4

206 24.1 17.8 26.6

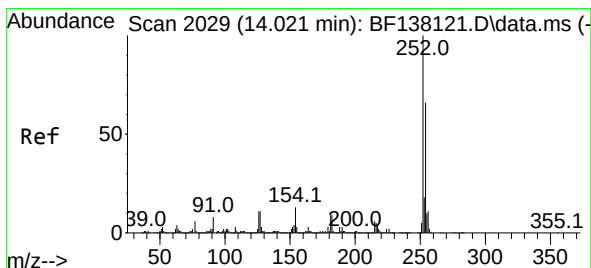
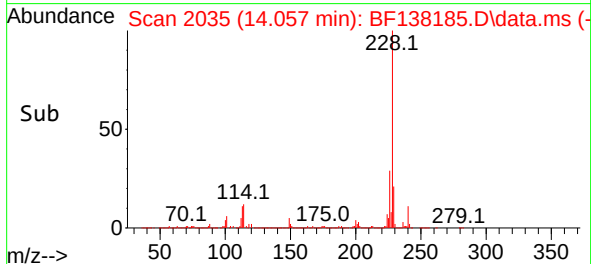
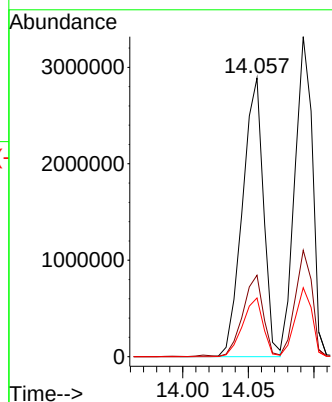
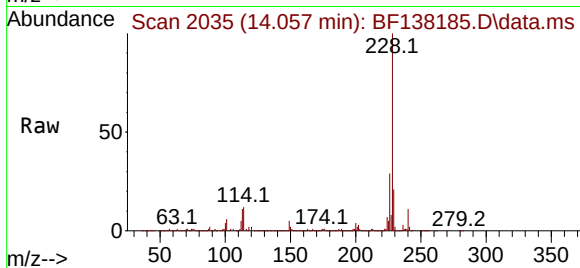




#81
Benzo(a)anthracene
Concen: 43.954 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

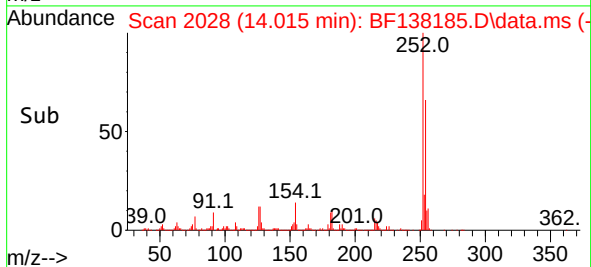
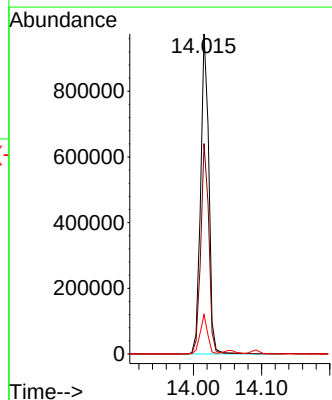
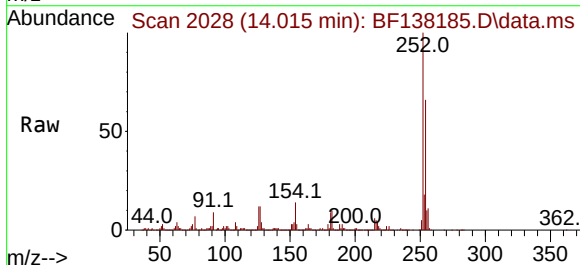
Instrument :
BNA_F
ClientSampleId :
PB161404BS

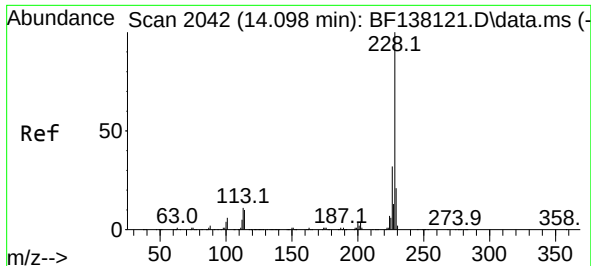
Tgt Ion:228 Resp: 3227091
Ion Ratio Lower Upper
228 100
226 29.2 22.7 34.1
229 21.1 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 43.560 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:252 Resp: 810608
Ion Ratio Lower Upper
252 100
254 65.7 52.9 79.3
126 12.3 8.8 13.2

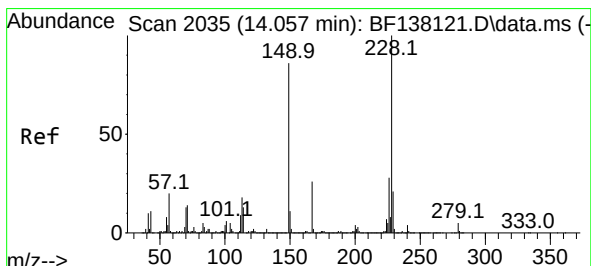
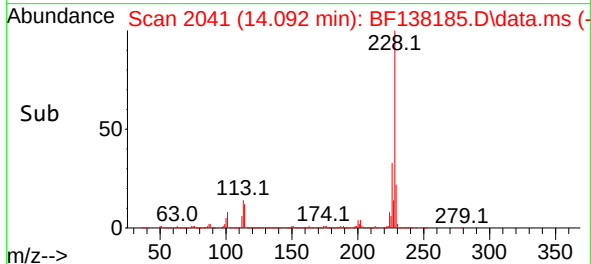
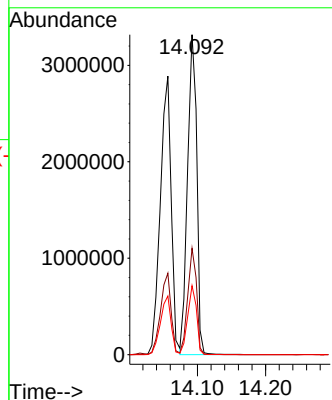
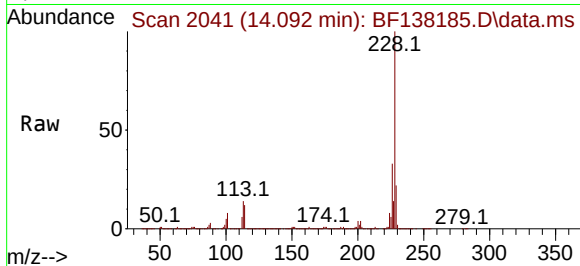




#83
Chrysene
Concen: 43.928 ng
RT: 14.092 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

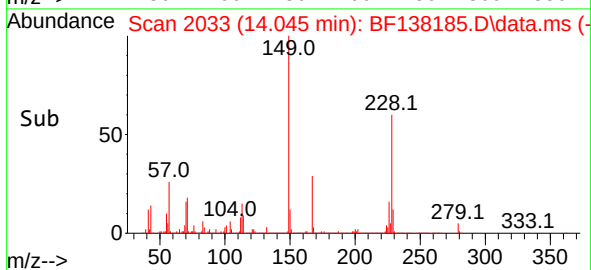
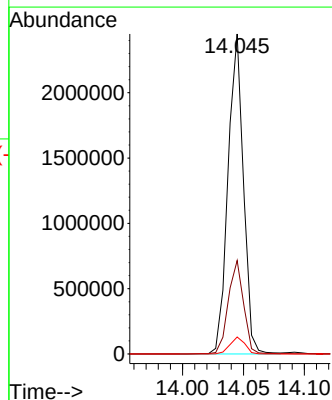
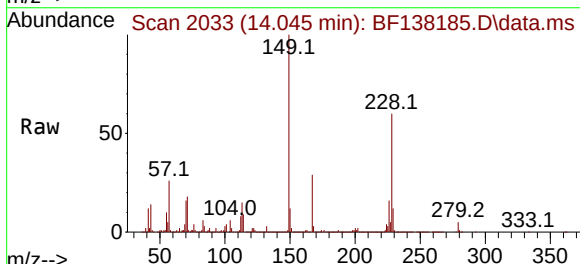
Instrument :
BNA_F
ClientSampleId :
PB161404BS

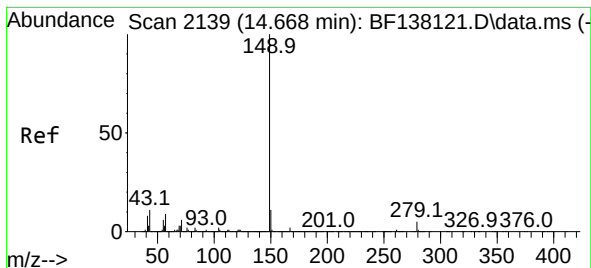
Tgt Ion:228 Resp: 3095240
Ion Ratio Lower Upper
228 100
226 33.2 25.6 38.4
229 21.6 16.6 25.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.671 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:149 Resp: 2160543
Ion Ratio Lower Upper
149 100
167 29.2 24.2 36.2
279 5.3 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 47.802 ng

RT: 14.657 min Scan# 2139

Delta R.T. -0.012 min

Lab File: BF138185.D

Acq: 11 Jun 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB161404BS

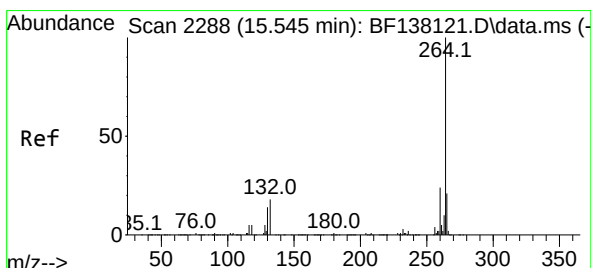
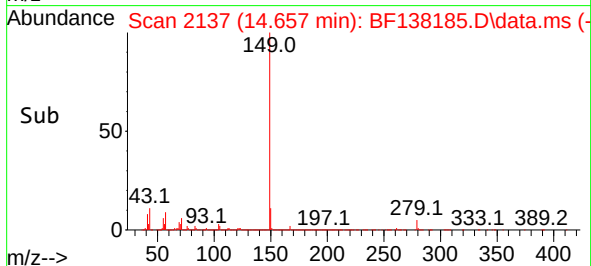
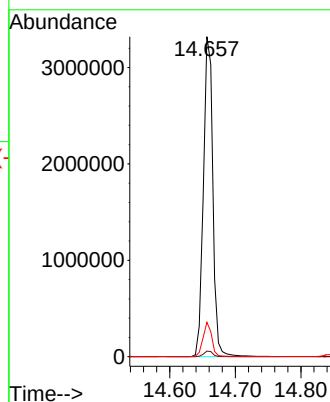
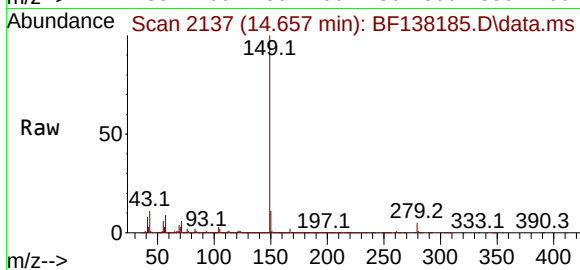
Tgt Ion:149 Resp: 3331542

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 10.0 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2287

Delta R.T. -0.006 min

Lab File: BF138185.D

Acq: 11 Jun 2024 13:36

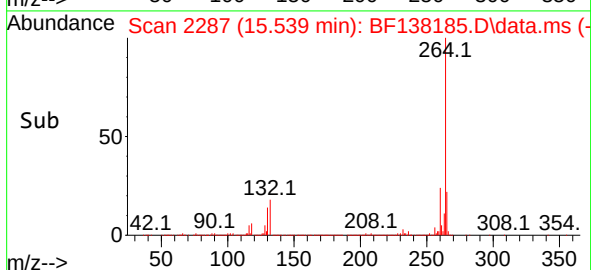
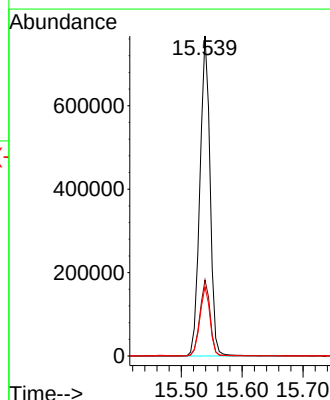
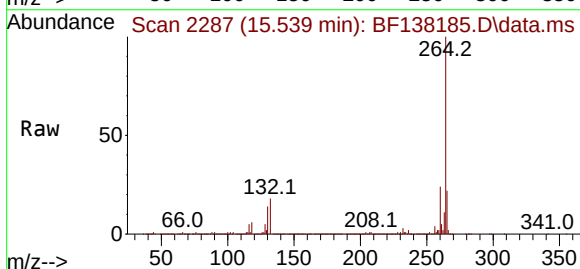
Tgt Ion:264 Resp: 887685

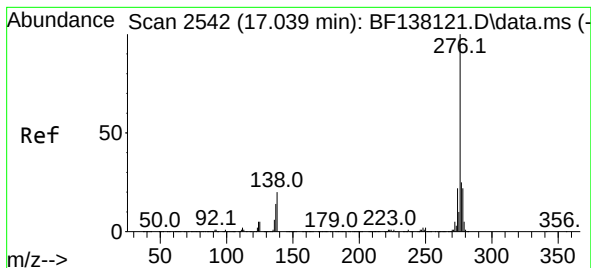
Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.5 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 59.969 ng

RT: 17.033 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138185.D

Acq: 11 Jun 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB161404BS

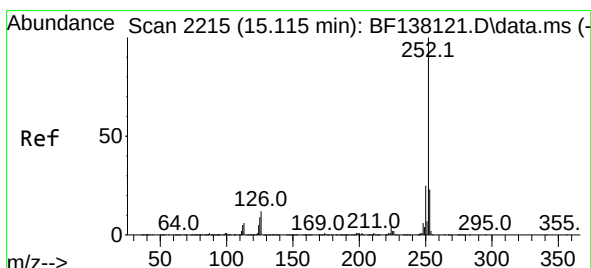
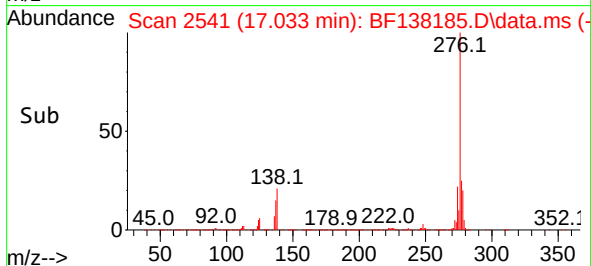
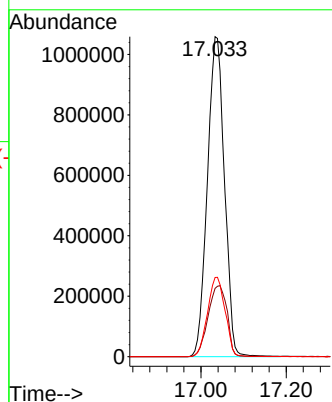
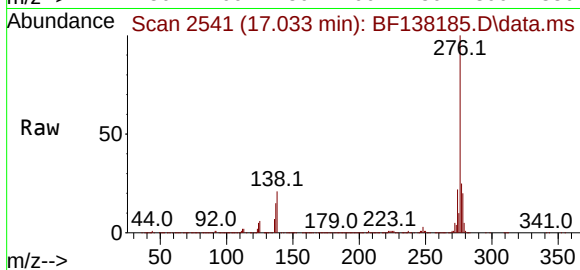
Tgt Ion:276 Resp: 2943547

Ion Ratio Lower Upper

276 100

138 24.7 18.9 28.3

277 25.6 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 48.572 ng

RT: 15.109 min Scan# 2214

Delta R.T. -0.006 min

Lab File: BF138185.D

Acq: 11 Jun 2024 13:36

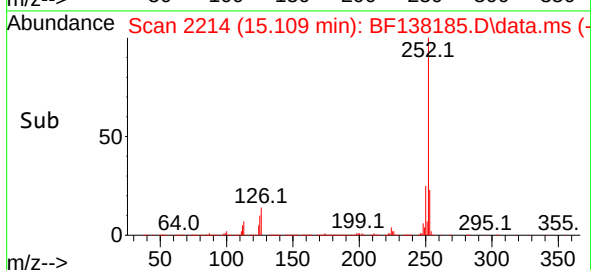
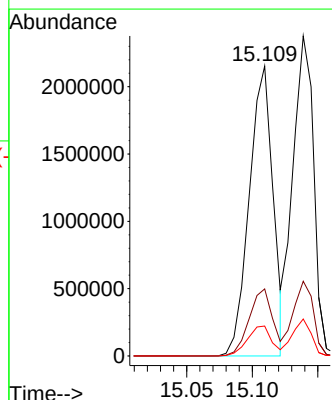
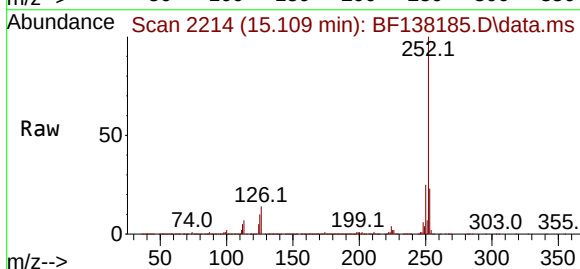
Tgt Ion:252 Resp: 2710542

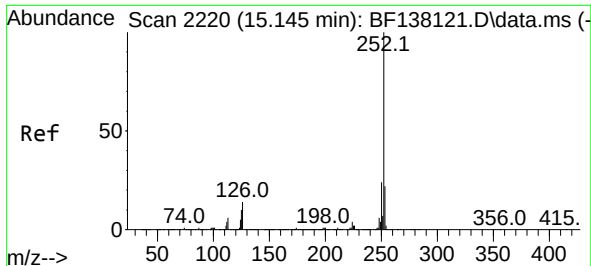
Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

125 10.3 7.4 11.2

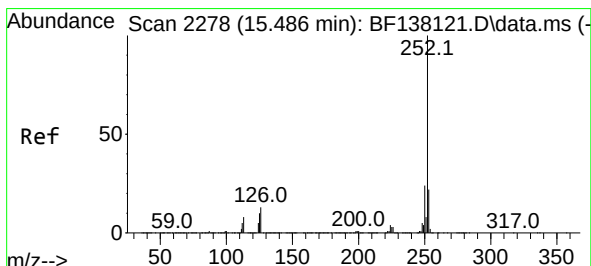
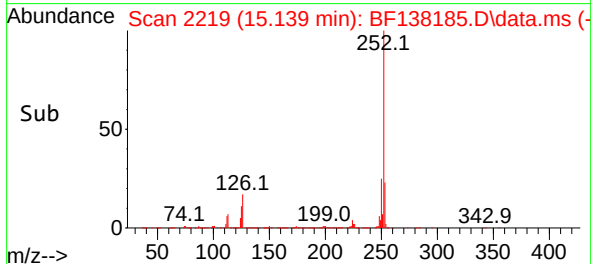
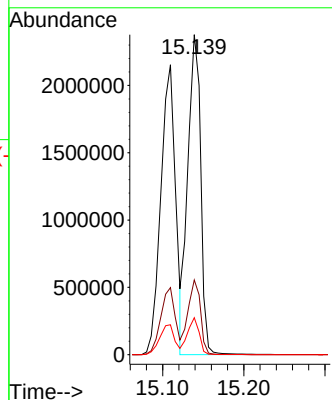
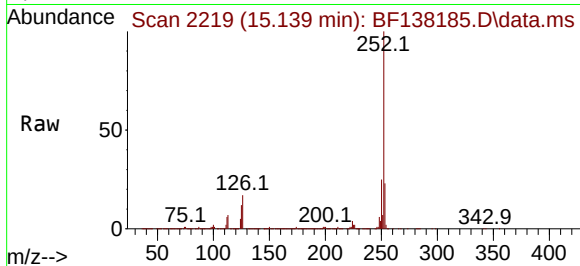




#89
Benzo(k)fluoranthene
Concen: 49.451 ng
RT: 15.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

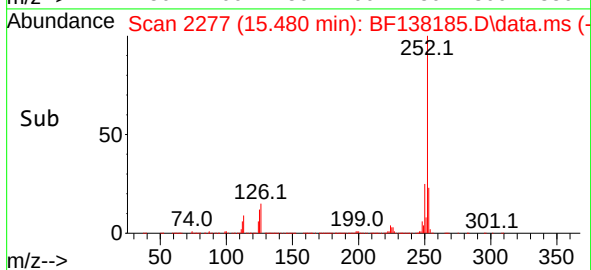
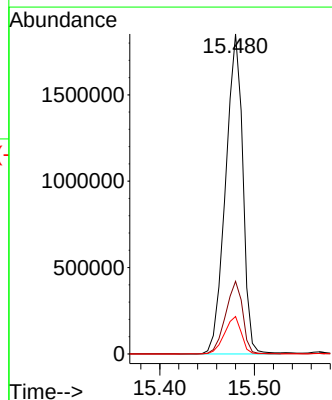
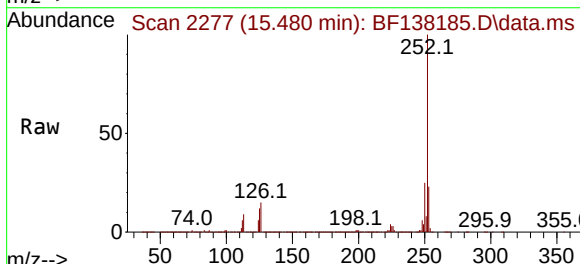
Instrument :
BNA_F
ClientSampleId :
PB161404BS

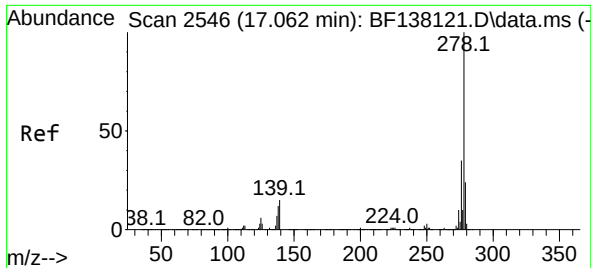
Tgt Ion:252 Resp: 2631638
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.6
125 11.5 7.8 11.6



#90
Benzo(a)pyrene
Concen: 55.359 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:252 Resp: 2339679
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 11.7 8.0 12.0

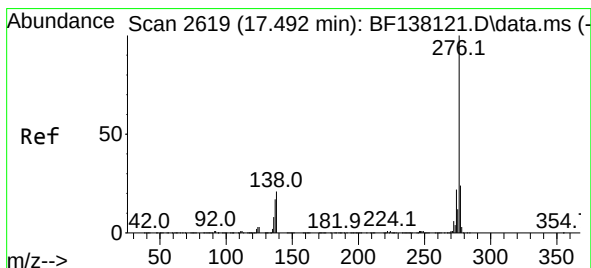
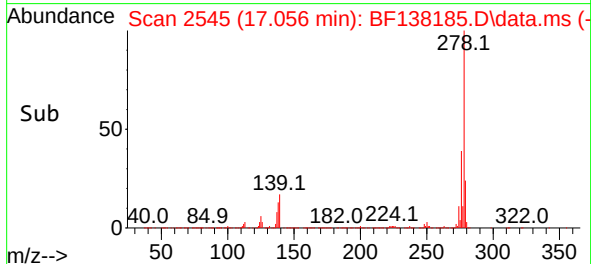
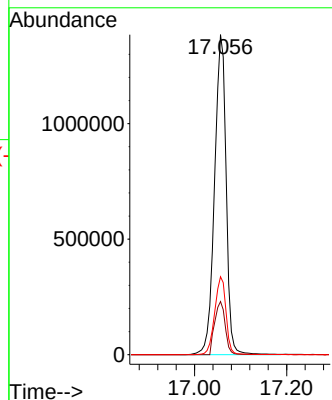
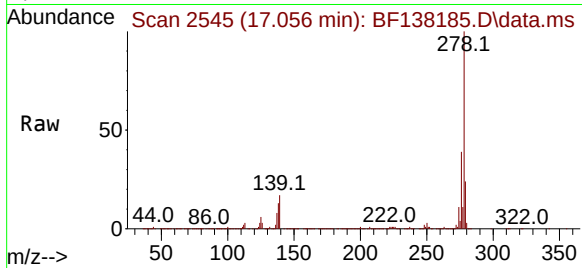




#91
Dibenzo(a,h)anthracene
Concen: 61.458 ng
RT: 17.056 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Instrument :
BNA_F
ClientSampleId :
PB161404BS

Tgt Ion:278 Resp: 2418721
Ion Ratio Lower Upper
278 100
139 16.6 11.7 17.5
279 24.3 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 58.038 ng
RT: 17.492 min Scan# 2619
Delta R.T. -0.000 min
Lab File: BF138185.D
Acq: 11 Jun 2024 13:36

Tgt Ion:276 Resp: 2356326
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.4
138 20.9 16.5 24.7

