

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
 Data File : BF138264.D
 Acq On : 20 Jun 2024 16:05
 Operator : CG\JU
 Sample : PB161609BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161609BS

Quant Time: Jun 20 16:28:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	402960	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1611109	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	888810	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1529173	20.000	ng	0.00
76) Chrysene-d12	14.051	240	801578	20.000	ng	0.00
86) Perylene-d12	15.521	264	769413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2661983	110.508	ng	0.02
7) Phenol-d6	6.528	99	3359832	109.995	ng	0.00
23) Nitrobenzene-d5	7.457	82	2177326	78.676	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	1065003	120.362	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3831957	68.557	ng	0.00
79) Terphenyl-d14	12.998	244	4046015	79.945	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.781	88	331461	30.068	ng	97
3) Pyridine	3.528	79	778027	29.696	ng	98
4) n-Nitrosodimethylamine	3.493	42	493905	40.733	ng	94
6) Aniline	6.551	93	680712	22.776	ng	99
8) 2-Chlorophenol	6.675	128	1148741	44.110	ng	99
9) Benzaldehyde	6.440	77	472171	29.104	ng	95
10) Phenol	6.540	94	1278239	41.236	ng	93
11) bis(2-Chloroethyl)ether	6.628	93	1053154	42.450	ng	98
12) 1,3-Dichlorobenzene	6.828	146	1137803	38.443	ng	100
13) 1,4-Dichlorobenzene	6.904	146	1159383	38.925	ng	100
14) 1,2-Dichlorobenzene	7.057	146	1126109	40.275	ng	99
15) Benzyl Alcohol	7.034	79	929447	45.129	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1403861	40.095	ng	96
17) 2-Methylphenol	7.145	107	885131	43.078	ng	97
18) Hexachloroethane	7.398	117	421515	41.773	ng	96
19) n-Nitroso-di-n-propyla...	7.310	70	750351	41.442	ng	96
20) 3+4-Methylphenols	7.298	107	1007309	38.949	ng	96
22) Acetophenone	7.298	105	1430843	38.877	ng	# 90
24) Nitrobenzene	7.475	77	1134736	39.672	ng	93
25) Isophorone	7.710	82	2104794	42.047	ng	99
26) 2-Nitrophenol	7.787	139	628004	54.602	ng	98
27) 2,4-Dimethylphenol	7.822	122	781075	44.638	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	1304492	41.630	ng	99
29) 2,4-Dichlorophenol	8.028	162	953183	42.311	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	1055144	39.715	ng	99
31) Naphthalene	8.192	128	3089813	38.785	ng	100
32) Benzoic acid	7.969	122	811161	52.597	ng	98
33) 4-Chloroaniline	8.239	127	642155	21.567	ng	99
34) Hexachlorobutadiene	8.304	225	598604	38.525	ng	98
35) Caprolactam	8.622	113	191328	28.131	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	969687	43.231	ng	100
37) 2-Methylnaphthalene	8.881	142	2058910	39.379	ng	100
38) 1-Methylnaphthalene	8.981	142	1926594	37.603	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	1024248	39.436	ng	99
41) Hexachlorocyclopentadiene	9.034	237	827515	97.712	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	714984	43.965	ng	98

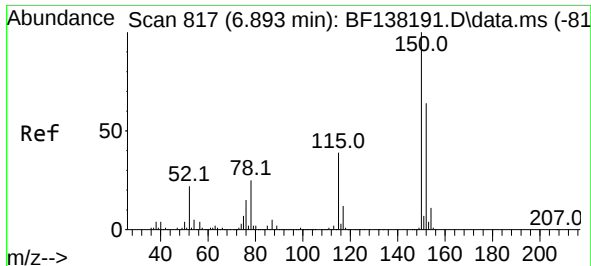
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	745453	41.740	ng	98
46) 1,1'-Biphenyl	9.351	154	2508653	38.465	ng	99
47) 2-Chloronaphthalene	9.375	162	1998663	38.776	ng	100
48) 2-Nitroaniline	9.469	65	601513	48.458	ng	99
49) Acenaphthylene	9.792	152	2998279	41.483	ng	99
50) Dimethylphthalate	9.651	163	2333573	42.851	ng	99
51) 2,6-Dinitrotoluene	9.716	165	560596	47.451	ng	# 83
52) Acenaphthene	9.963	154	1886731	38.282	ng	100
53) 3-Nitroaniline	9.881	138	445568	35.304	ng	97
54) 2,4-Dinitrophenol	9.992	184	627085	96.720	ng	# 86
55) Dibenzofuran	10.133	168	2741022	39.784	ng	99
56) 4-Nitrophenol	10.045	139	927507	92.995	ng	97
57) 2,4-Dinitrotoluene	10.116	165	744464	51.090	ng	# 90
58) Fluorene	10.475	166	2041681	37.690	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	615652	44.109	ng	99
60) Diethylphthalate	10.351	149	2195355	42.475	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	1042677	38.648	ng	98
62) 4-Nitroaniline	10.504	138	513808	40.746	ng	96
63) Azobenzene	10.628	77	2102767	40.609	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	422799	53.356	ng	95
66) n-Nitrosodiphenylamine	10.586	169	1899418	40.572	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	716595	41.587	ng	# 93
68) Hexachlorobenzene	11.022	284	819273	40.742	ng	98
69) Atrazine	11.116	200	610606	45.791	ng	98
70) Pentachlorophenol	11.216	266	923375	78.735	ng	97
71) Phenanthrene	11.439	178	2974729	39.336	ng	99
72) Anthracene	11.492	178	2960126	39.425	ng	99
73) Carbazole	11.645	167	2686962	39.018	ng	100
74) Di-n-butylphthalate	11.975	149	3126103	43.849	ng	99
75) Fluoranthene	12.627	202	3004623	38.963	ng	99
77) Benzidine	12.739	184	75667	8.161	ng	100
78) Pyrene	12.857	202	3004799	43.459	ng	99
80) Butylbenzylphthalate	13.469	149	1092469	58.089	ng	97
81) Benzo(a)anthracene	14.039	228	2183263	42.455	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	606795	42.848	ng	100
83) Chrysene	14.074	228	2067194	42.173	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1302539	59.548	ng	99
85) Di-n-octyl phthalate	14.639	149	2122303	65.311	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	2691999	53.670	ng	99
88) Benzo(b)fluoranthene	15.092	252	2131860	46.985	ng	99
89) Benzo(k)fluoranthene	15.121	252	2071057	46.575	ng	99
90) Benzo(a)pyrene	15.463	252	1979465	50.782	ng	100
91) Dibenzo(a,h)anthracene	17.033	278	2226122	54.071	ng	98
92) Benzo(g,h,i)perylene	17.462	276	2141332	50.276	ng	99

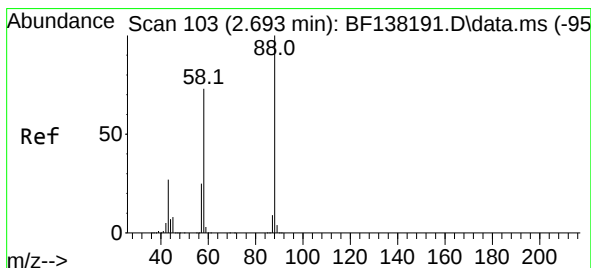
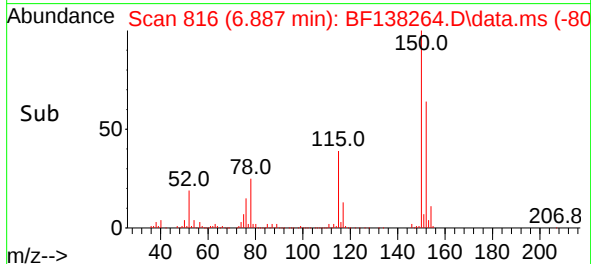
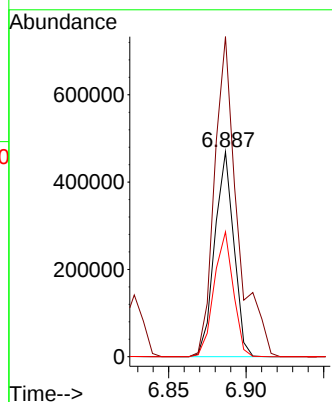
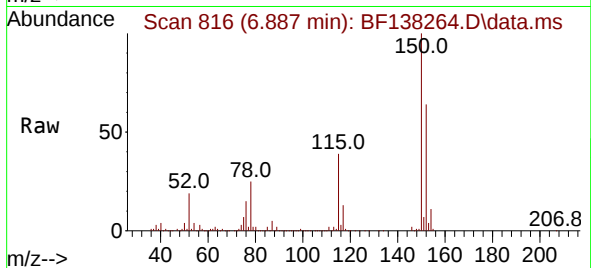
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

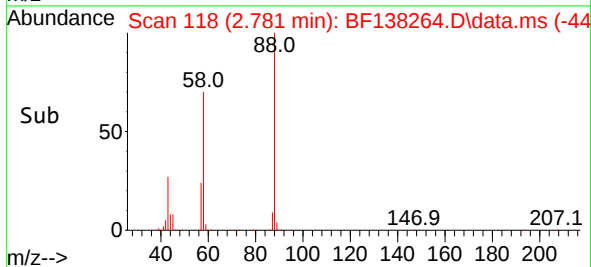
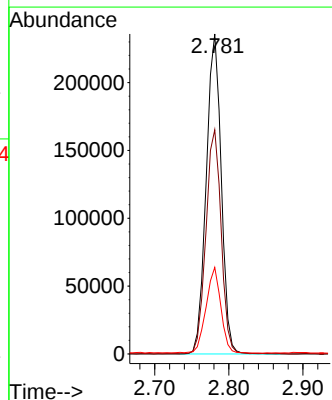
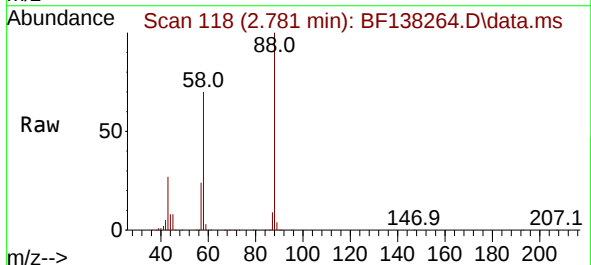
Instrument :
BNA_F
ClientSampleId :
PB161609BS

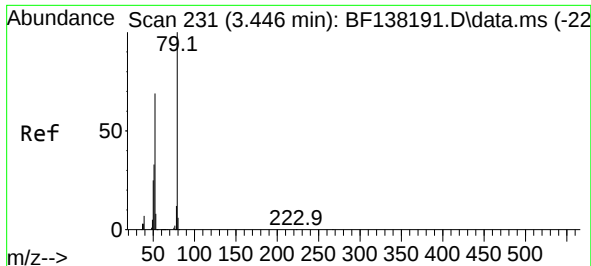
Tgt Ion:152 Resp: 402960
Ion Ratio Lower Upper
152 100
150 156.3 125.0 187.4
115 60.9 48.4 72.6



#2
1,4-Dioxane
Concen: 30.068 ng
RT: 2.781 min Scan# 118
Delta R.T. 0.088 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

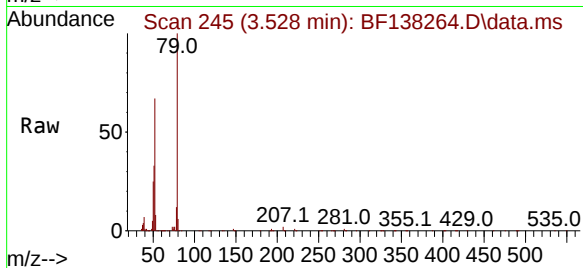
Tgt Ion: 88 Resp: 331461
Ion Ratio Lower Upper
88 100
58 71.0 58.6 87.8
43 26.5 22.4 33.6



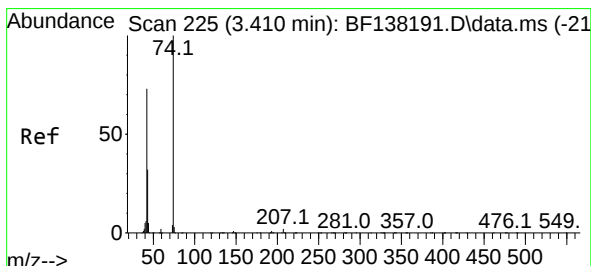
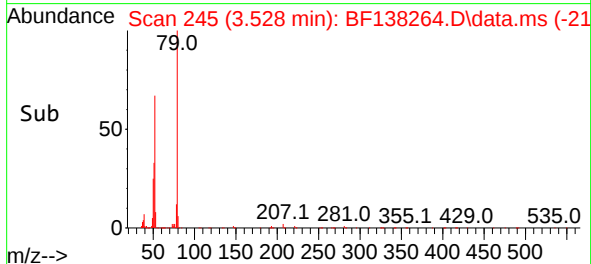
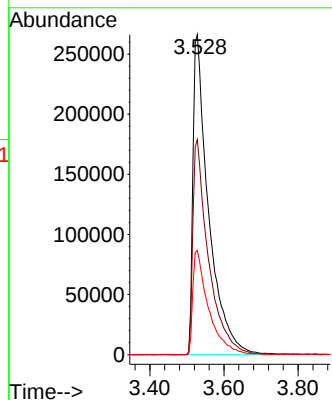


#3
Pyridine
Concen: 29.696 ng
RT: 3.528 min Scan# 24
Delta R.T. 0.082 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Instrument :
BNA_F
ClientSampleId :
PB161609BS

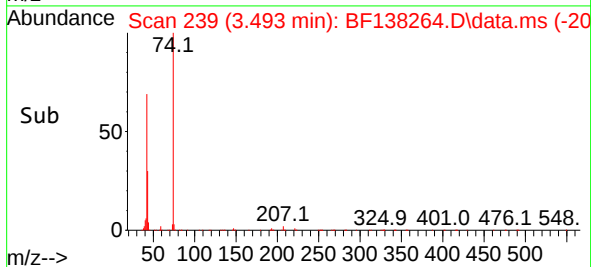
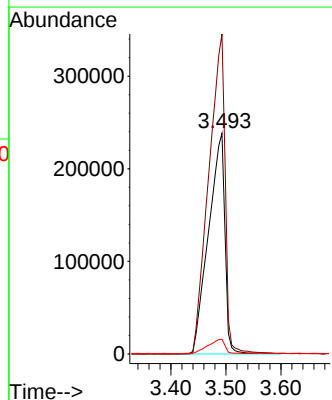
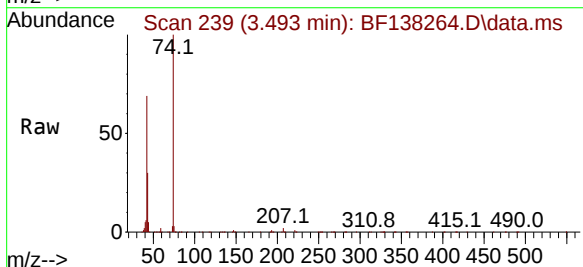


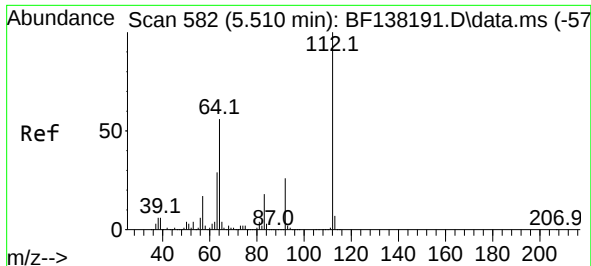
Tgt Ion: 79 Resp: 778027
Ion Ratio Lower Upper
79 100
52 67.2 55.0 82.4
51 32.6 26.9 40.3



#4
n-Nitrosodimethylamine
Concen: 40.733 ng
RT: 3.493 min Scan# 239
Delta R.T. 0.082 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion: 42 Resp: 493905
Ion Ratio Lower Upper
42 100
74 145.0 109.9 164.9
44 6.7 5.2 7.8

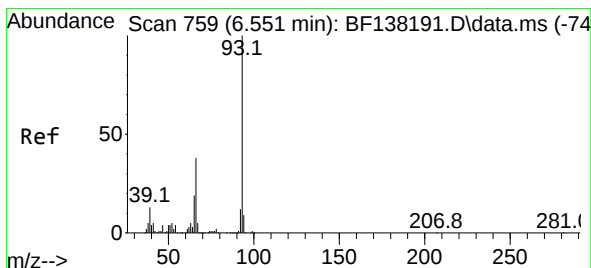
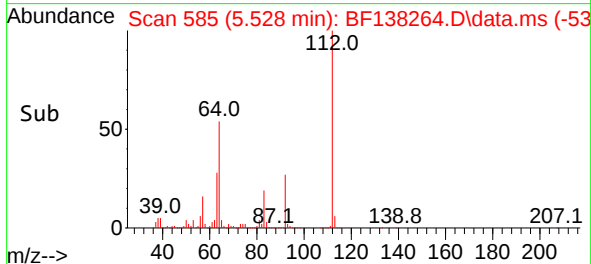
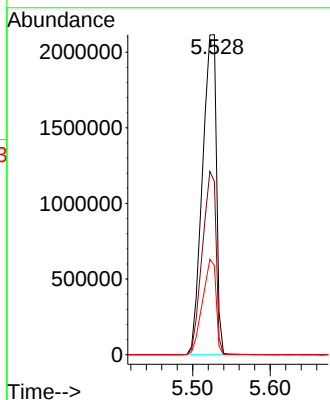
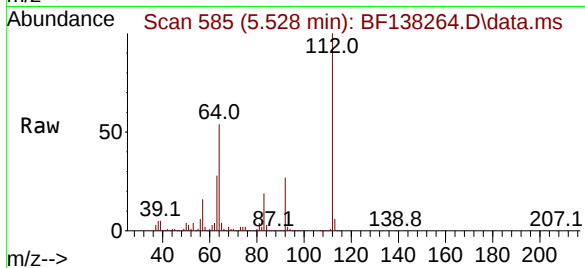




#5
2-Fluorophenol
Concen: 110.508 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

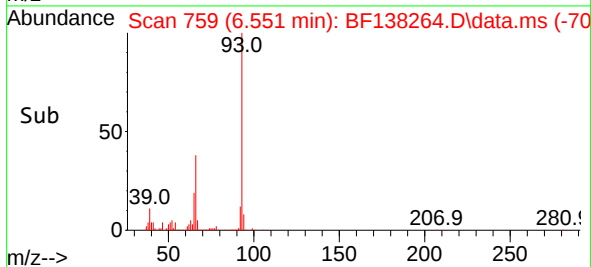
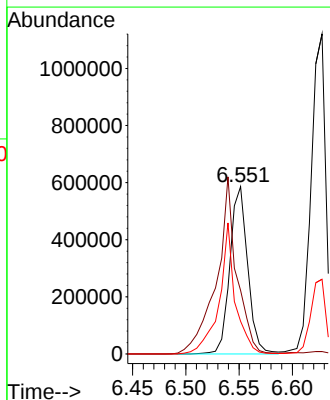
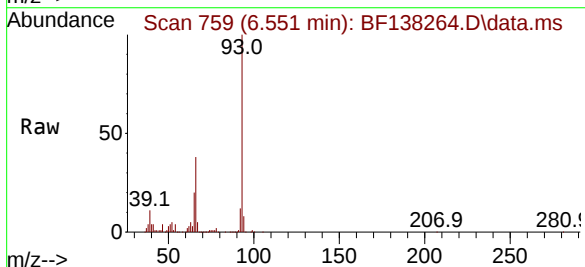
Instrument :
BNA_F
ClientSampleId :
PB161609BS

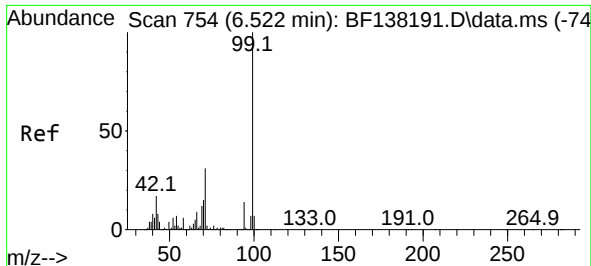
Tgt Ion:112 Resp: 2661983
Ion Ratio Lower Upper
112 100
64 54.2 45.2 67.8
63 27.9 22.9 34.3



#6
Aniline
Concen: 22.776 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion: 93 Resp: 680712
Ion Ratio Lower Upper
93 100
66 38.0 30.8 46.2
65 19.5 15.5 23.3





#7

Phenol-d6

Concen: 109.995 ng

RT: 6.528 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF138264.D

Acq: 20 Jun 2024 16:05

Instrument :

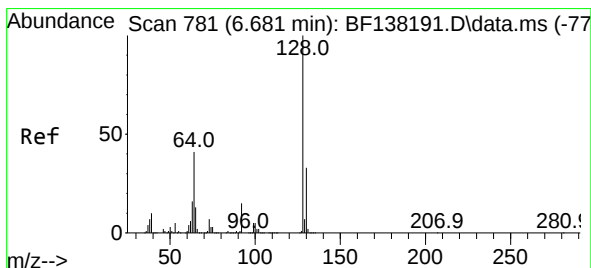
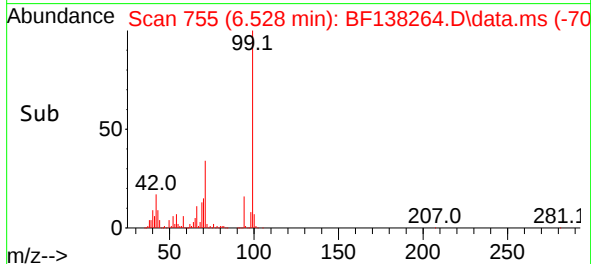
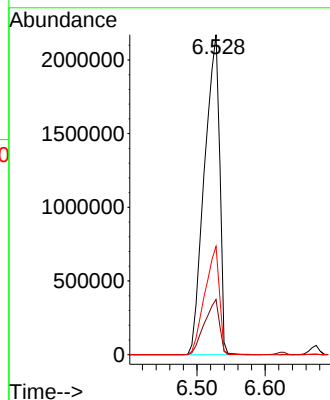
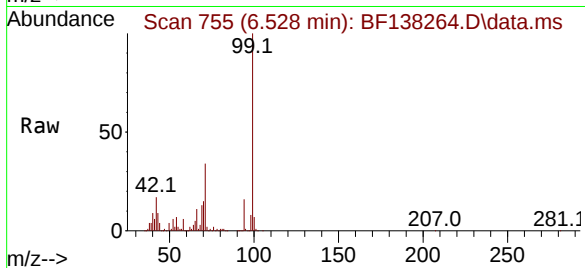
BNA_F

ClientSampleId :

PB161609BS

Tgt Ion: 99 Resp: 3359832

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.7	20.5
71	33.9	25.0	37.6



#8

2-Chlorophenol

Concen: 44.110 ng

RT: 6.675 min Scan# 780

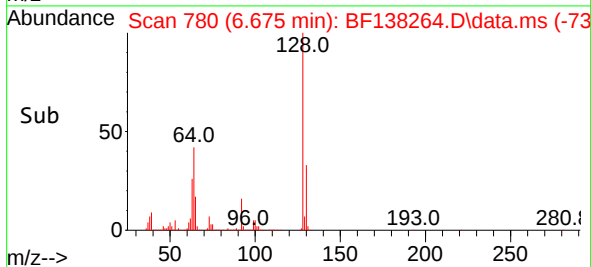
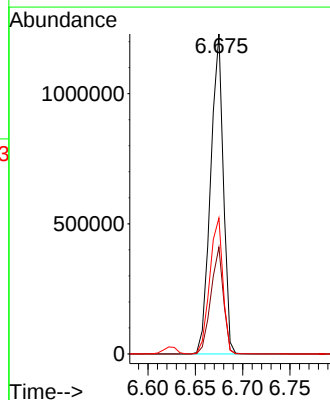
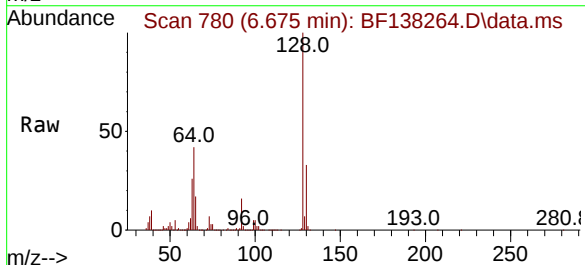
Delta R.T. -0.006 min

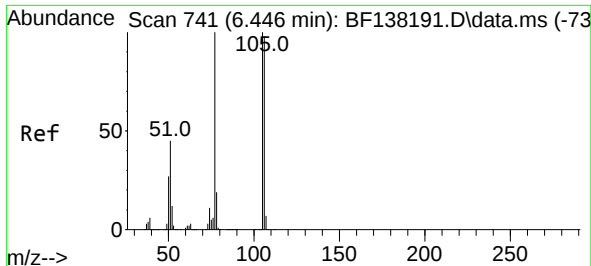
Lab File: BF138264.D

Acq: 20 Jun 2024 16:05

Tgt Ion:128 Resp: 1148741

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.1	53.1
64	42.5	21.8	61.8

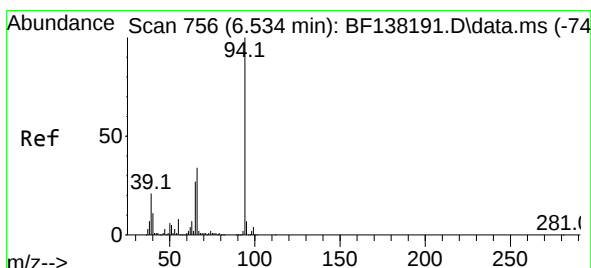
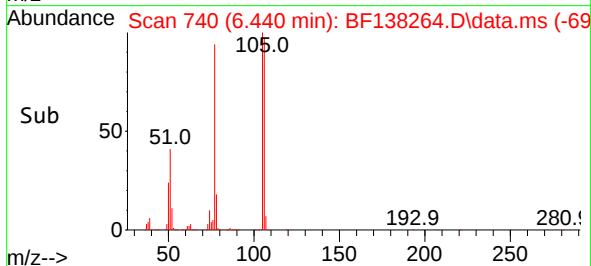
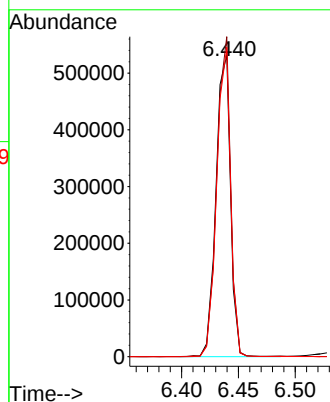
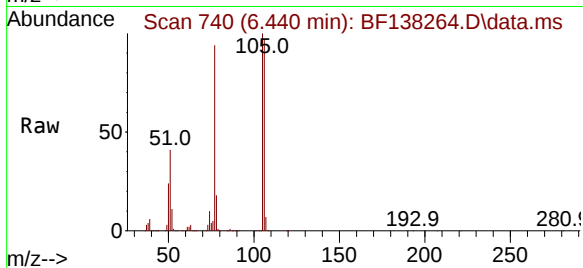




#9
Benzaldehyde
Concen: 29.104 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

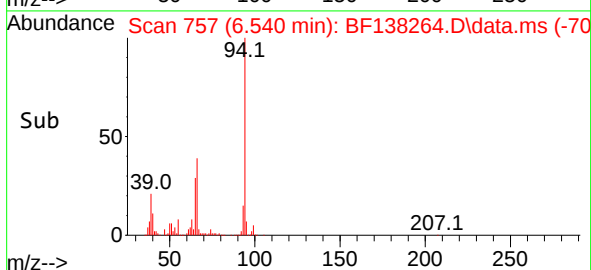
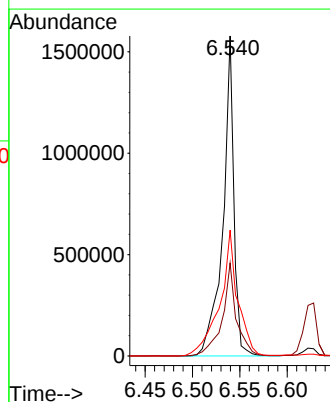
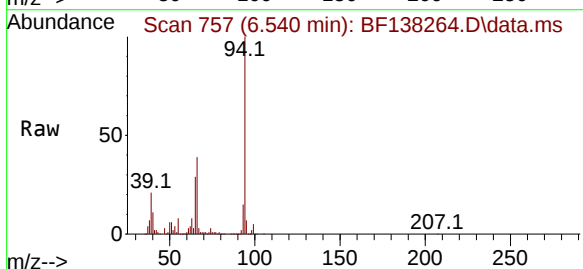
Instrument :
BNA_F
ClientSampleId :
PB161609BS

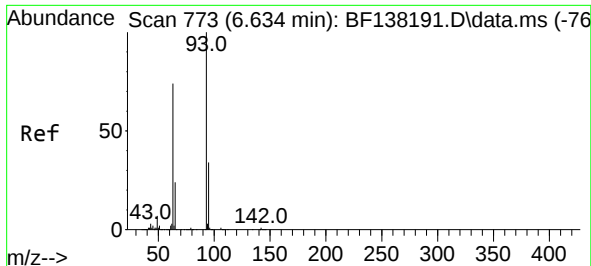
Tgt Ion: 77 Resp: 472171
Ion Ratio Lower Upper
77 100
105 106.2 80.1 120.1
106 102.6 77.8 117.8



#10
Phenol
Concen: 41.236 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion: 94 Resp: 1278239
Ion Ratio Lower Upper
94 100
65 29.1 6.8 46.8
66 39.3 14.2 54.2

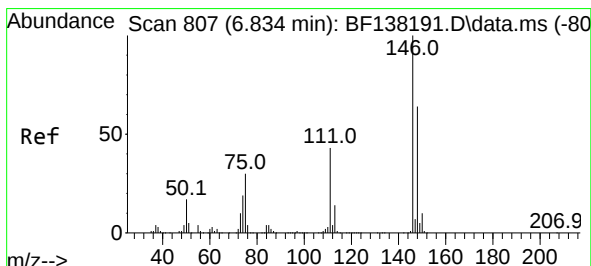
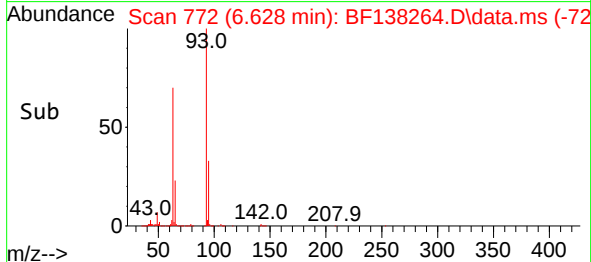
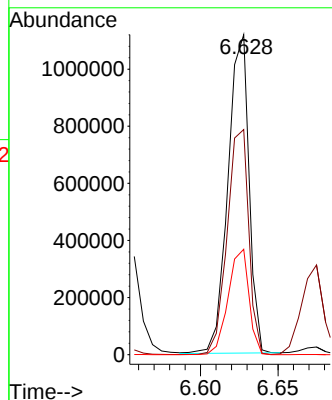
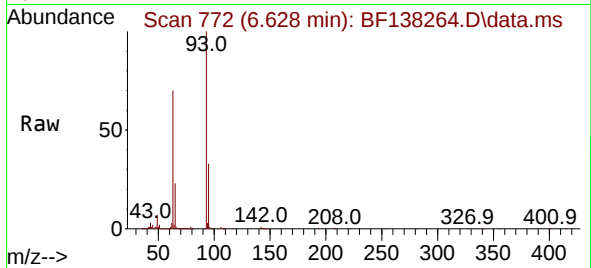




#11
bis(2-Chloroethyl)ether
Concen: 42.450 ng
RT: 6.628 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

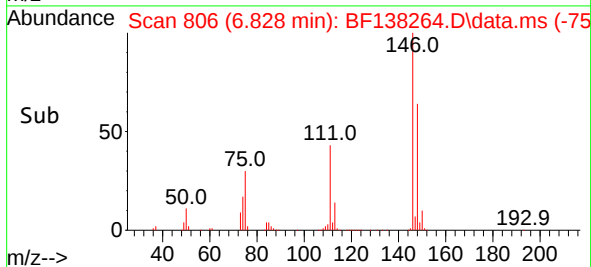
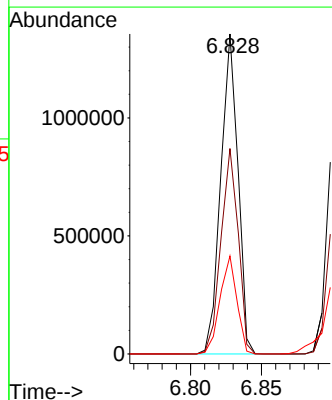
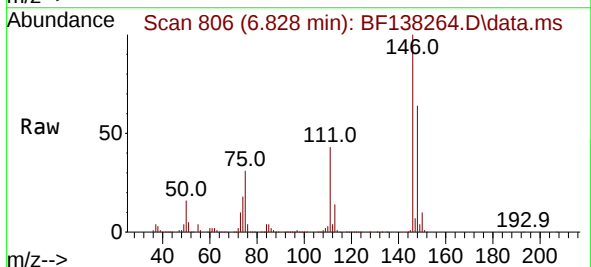
Instrument :
BNA_F
ClientSampleId :
PB161609BS

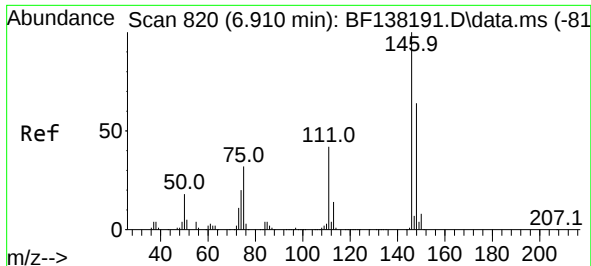
Tgt Ion: 93 Resp: 1053154
Ion Ratio Lower Upper
93 100
63 70.3 52.5 92.5
95 33.0 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 38.443 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion:146 Resp: 1137803
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
75 30.6 24.3 36.5

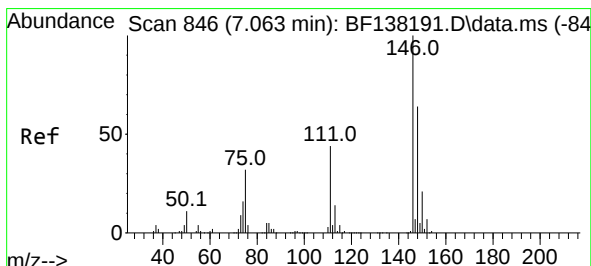
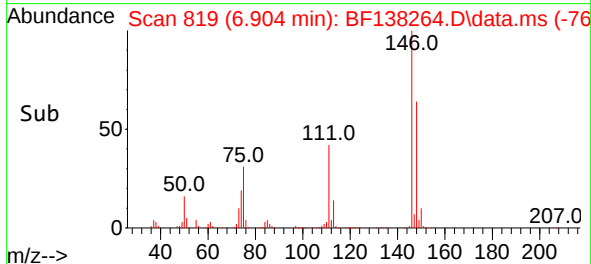
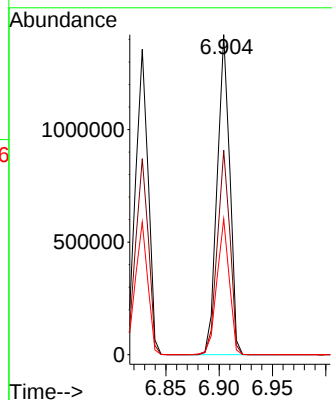
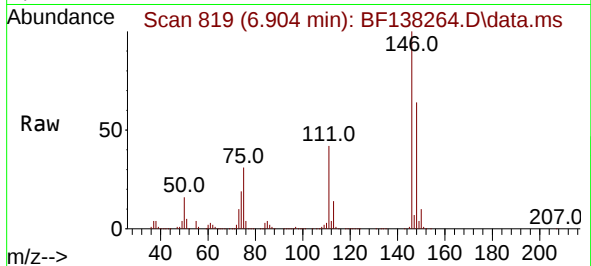




#13
1,4-Dichlorobenzene
Concen: 38.925 ng
RT: 6.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

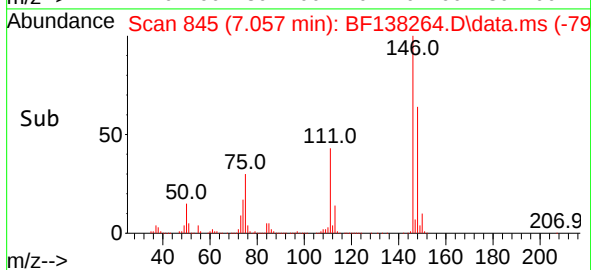
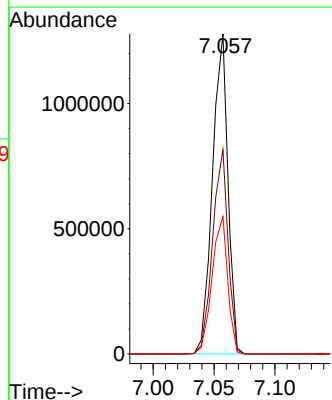
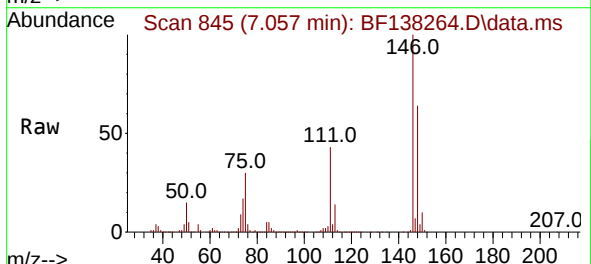
Instrument :
BNA_F
ClientSampleId :
PB161609BS

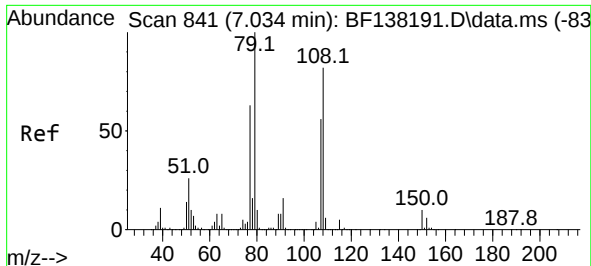
Tgt Ion:146 Resp: 1159383
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
111 42.4 33.7 50.5



#14
1,2-Dichlorobenzene
Concen: 40.275 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion:146 Resp: 1126109
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
111 42.9 35.4 53.2

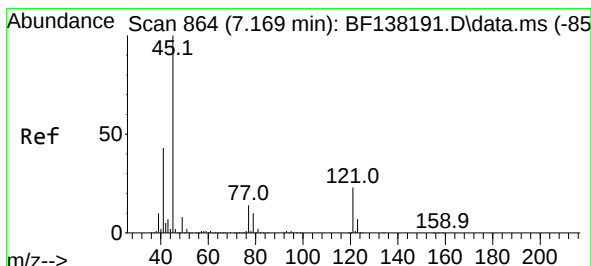
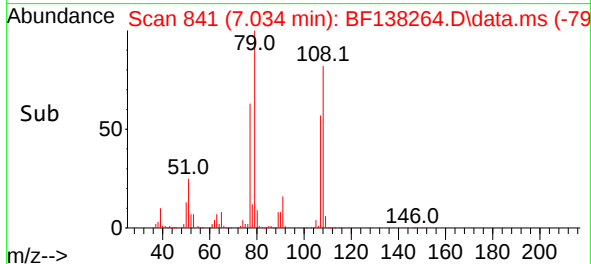
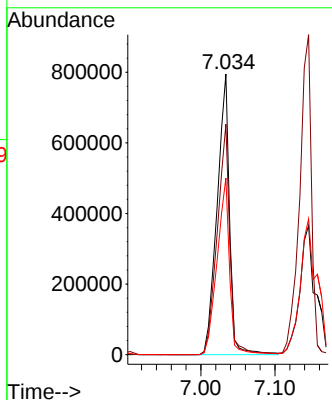
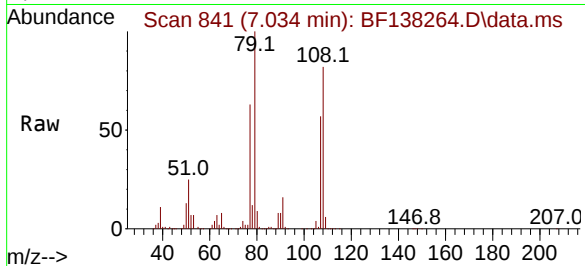




#15
Benzyl Alcohol
Concen: 45.129 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

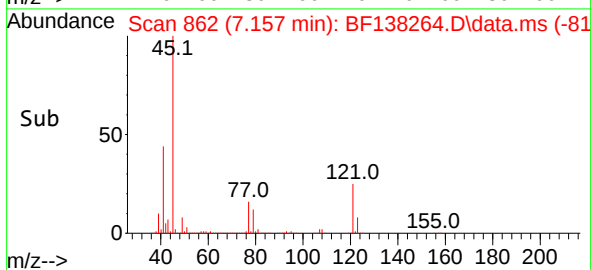
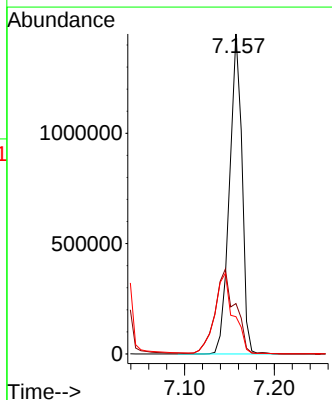
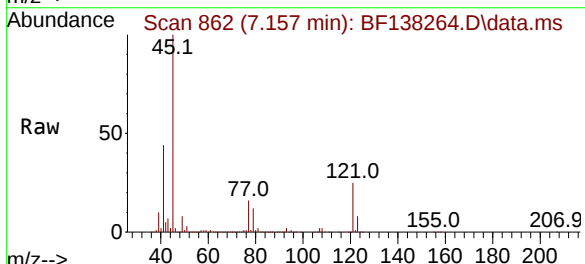
Instrument :
BNA_F
ClientSampleId :
PB161609BS

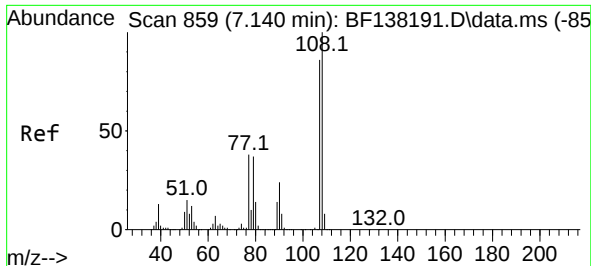
Tgt Ion: 79 Resp: 929447
Ion Ratio Lower Upper
79 100
108 82.1 65.9 98.9
77 62.9 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.095 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

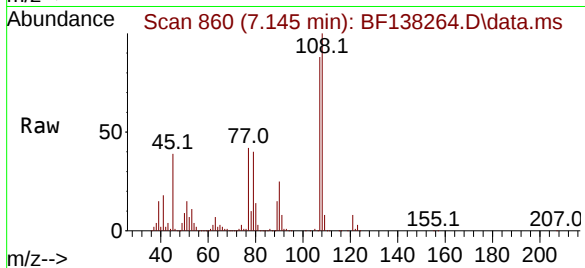
Tgt Ion: 45 Resp: 1403861
Ion Ratio Lower Upper
45 100
77 15.7 0.0 33.9
79 11.6 0.0 30.7



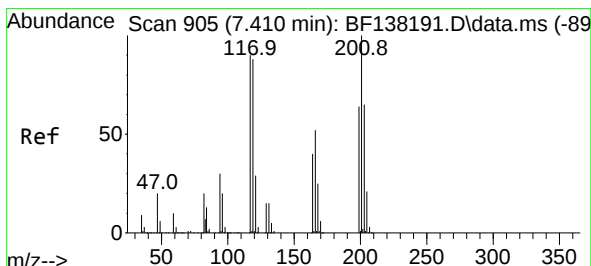
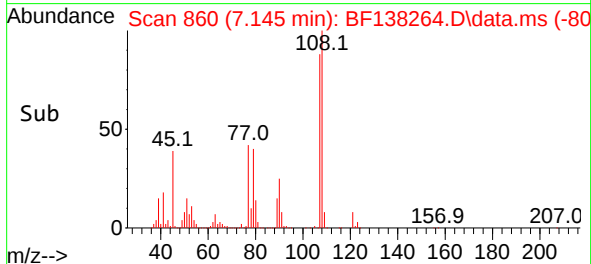
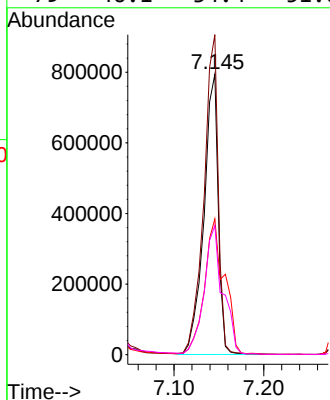


#17
2-Methylphenol
Concen: 43.078 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Instrument :
BNA_F
ClientSampleId :
PB161609BS

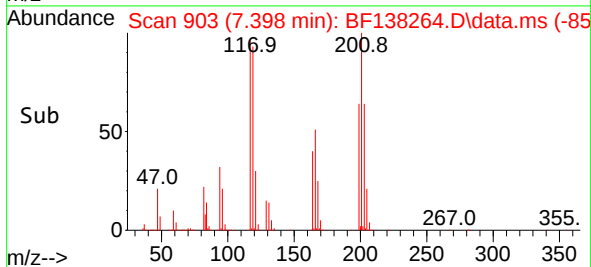
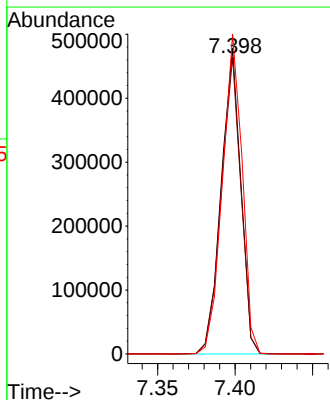
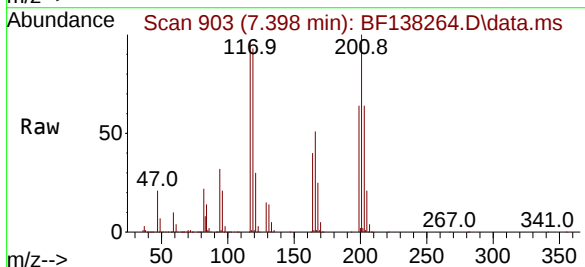


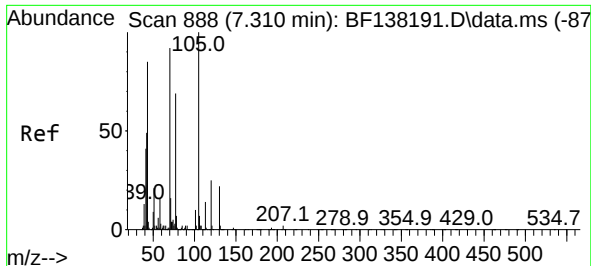
Tgt Ion:107 Resp: 885131
Ion Ratio Lower Upper
107 100
108 114.1 92.7 139.1
77 48.5 35.7 53.5
79 46.1 34.4 51.6



#18
Hexachloroethane
Concen: 41.773 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion:117 Resp: 421515
Ion Ratio Lower Upper
117 100
119 97.0 78.4 117.6
201 104.5 89.0 133.6

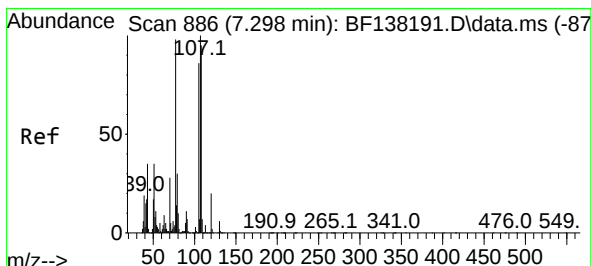
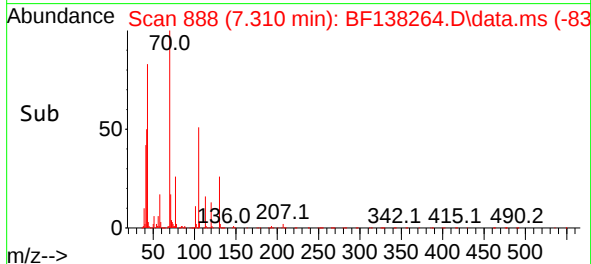
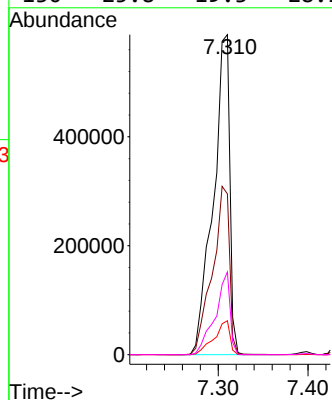
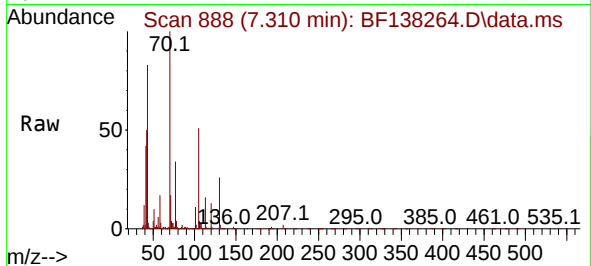




#19
n-Nitroso-di-n-propylamine
Concen: 41.442 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

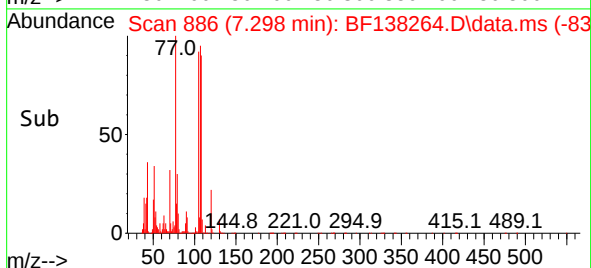
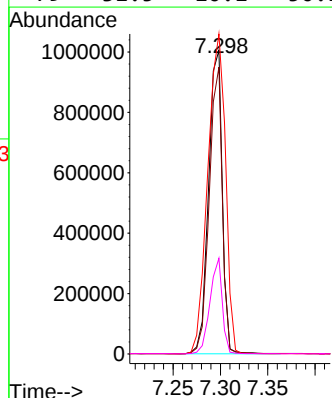
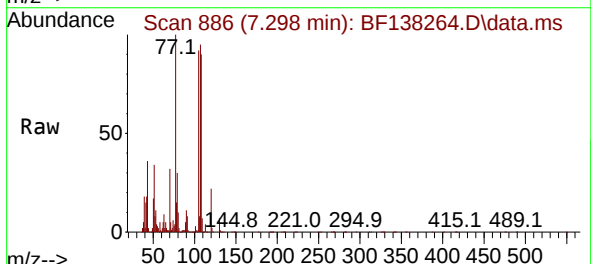
Instrument :
BNA_F
ClientSampleId :
PB161609BS

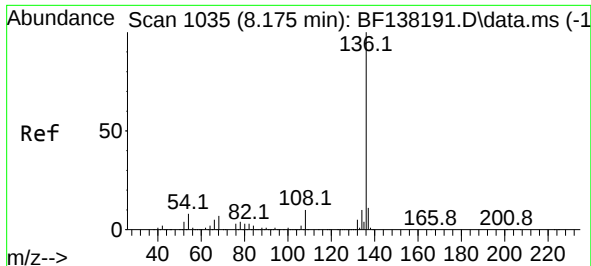
Tgt Ion:	70	Resp:	750351
Ion	Ratio	Lower	Upper
70	100		
42	50.2	42.8	64.2
101	10.6	8.4	12.6
130	25.8	19.3	28.9



#20
3+4-Methylphenols
Concen: 38.949 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion:	107	Resp:	1007309
Ion	Ratio	Lower	Upper
107	100		
108	94.4	74.9	114.9
77	105.4	78.2	118.2
79	31.5	10.1	50.1

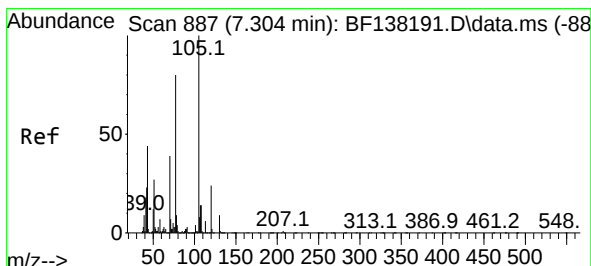
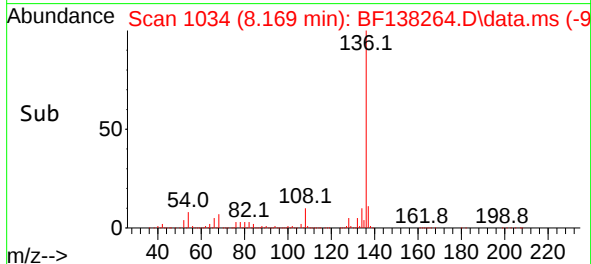
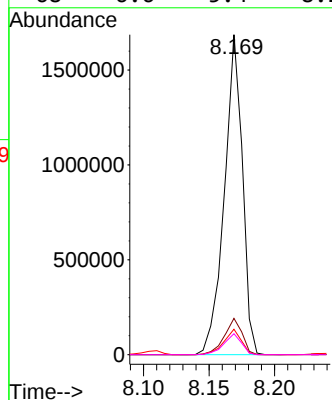
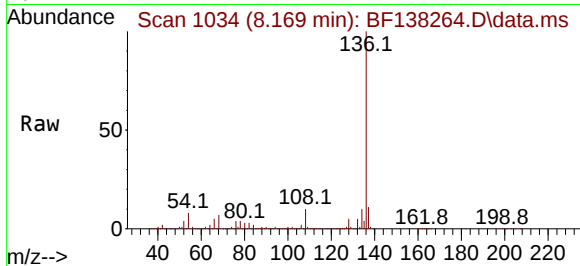




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

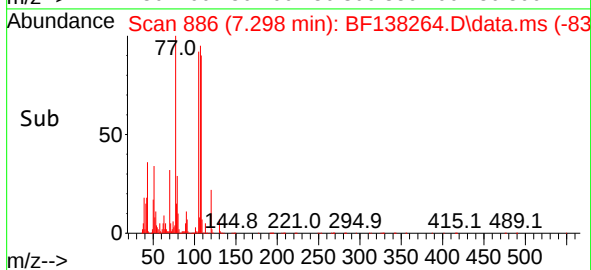
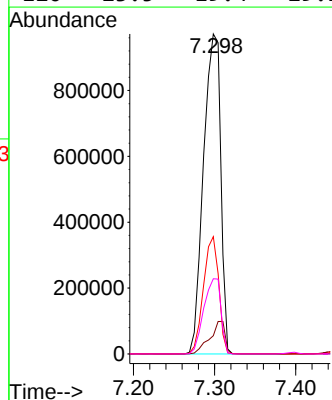
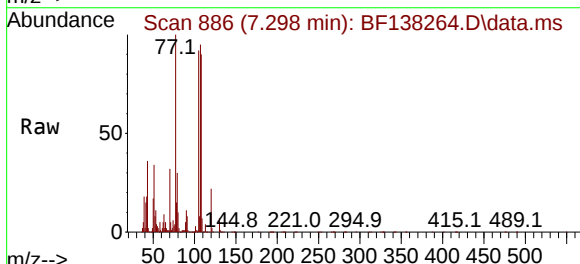
Instrument :
BNA_F
ClientSampleId :
PB161609BS

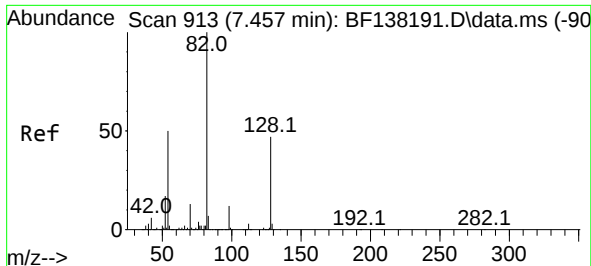
Tgt Ion:136 Resp: 1611109
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.9 6.6 10.0
68 6.6 5.4 8.2



#22
Acetophenone
Concen: 38.877 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion:105 Resp: 1430843
Ion Ratio Lower Upper
105 100
71 5.7 5.4 8.2
51 36.6 21.4 32.0#
120 23.5 19.4 29.2





#23

Nitrobenzene-d5

Concen: 78.676 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF138264.D

Acq: 20 Jun 2024 16:05

Instrument :

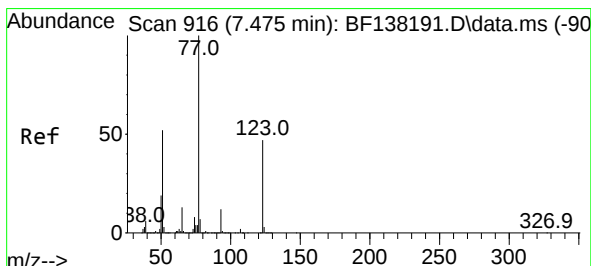
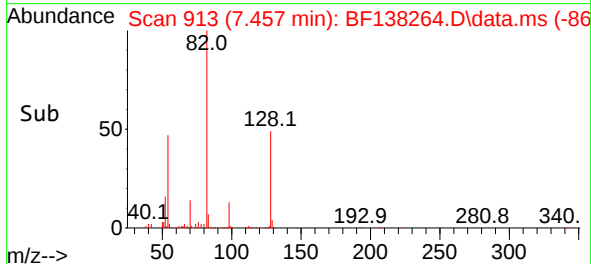
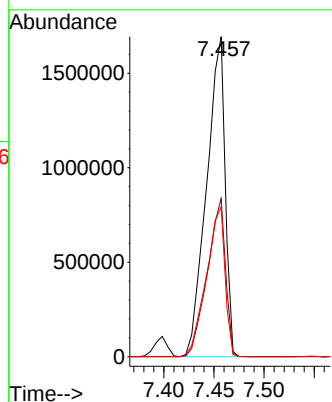
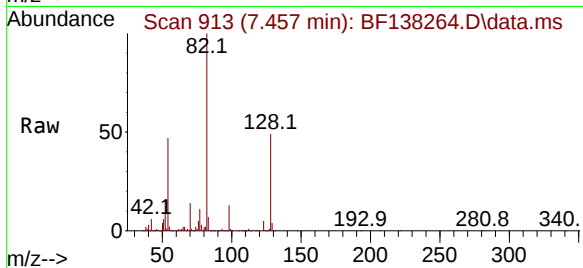
BNA_F

ClientSampleId :

PB161609BS

Tgt Ion: 82 Resp: 2177326

Ion	Ratio	Lower	Upper
82	100		
128	49.4	37.2	55.8
54	46.8	39.8	59.6



#24

Nitrobenzene

Concen: 39.672 ng

RT: 7.475 min Scan# 916

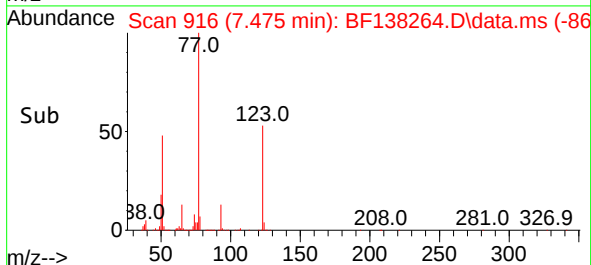
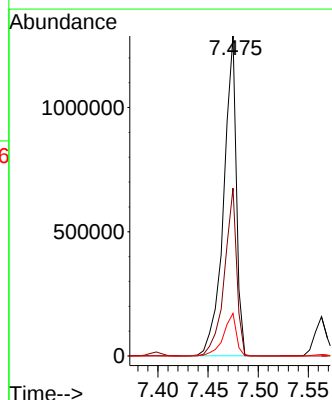
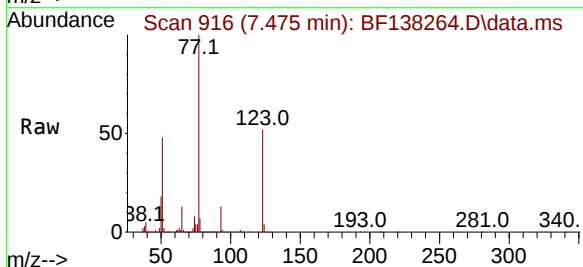
Delta R.T. -0.000 min

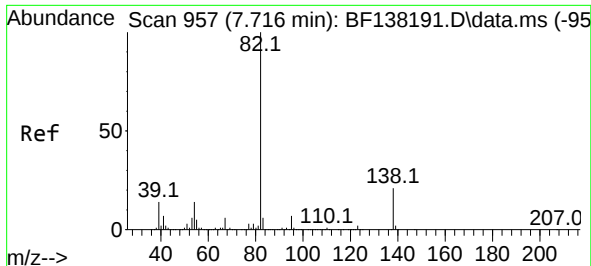
Lab File: BF138264.D

Acq: 20 Jun 2024 16:05

Tgt Ion: 77 Resp: 1134736

Ion	Ratio	Lower	Upper
77	100		
123	52.4	37.3	55.9
65	13.3	10.6	15.8

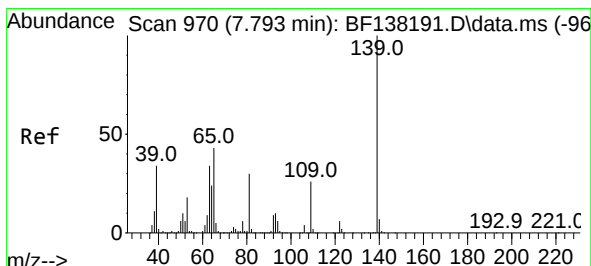
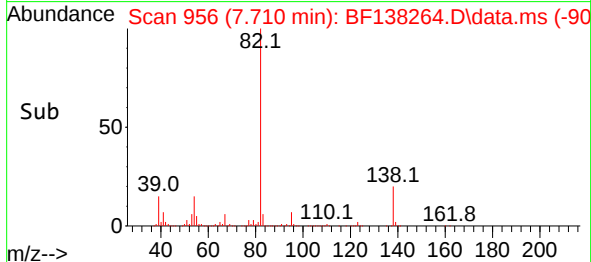
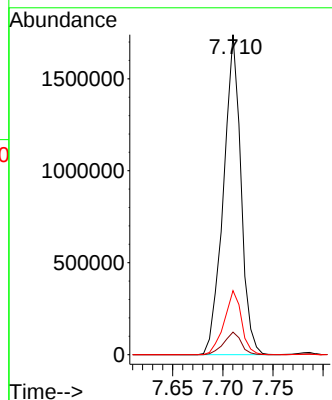
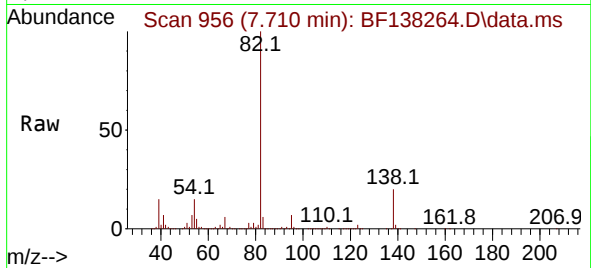




#25
Isophorone
Concen: 42.047 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

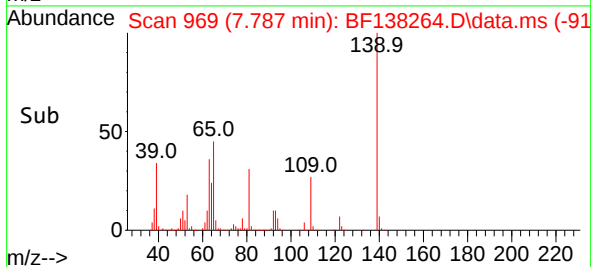
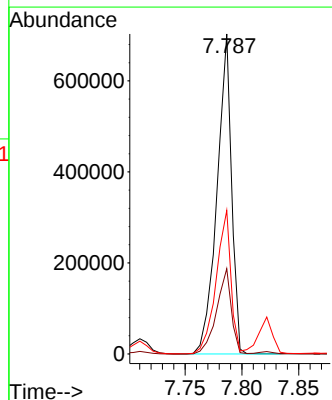
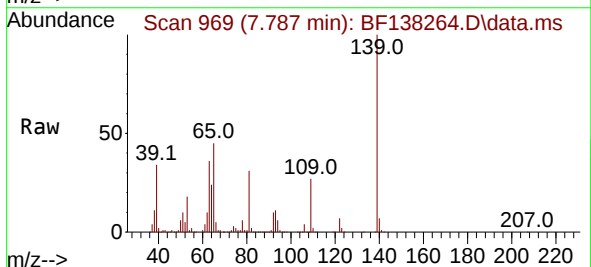
Instrument :
BNA_F
ClientSampleId :
PB161609BS

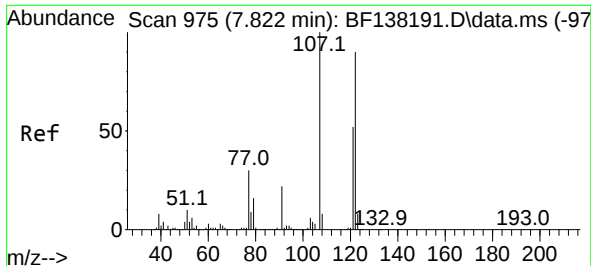
Tgt Ion: 82 Resp: 2104794
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 20.0 16.4 24.6



#26
2-Nitrophenol
Concen: 54.602 ng
RT: 7.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion: 139 Resp: 628004
Ion Ratio Lower Upper
139 100
109 26.7 20.7 31.1
65 44.9 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 44.638 ng

RT: 7.822 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF138264.D

Acq: 20 Jun 2024 16:05

Instrument :

BNA_F

ClientSampleId :

PB161609BS

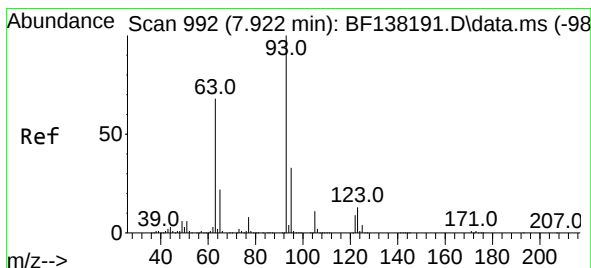
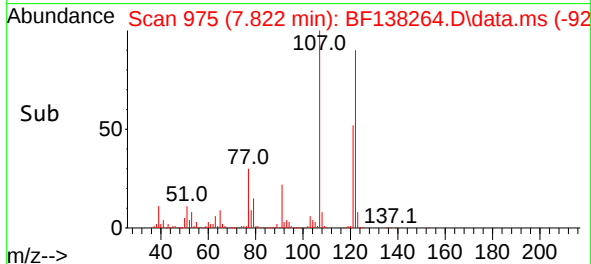
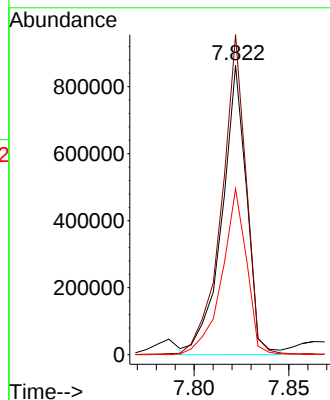
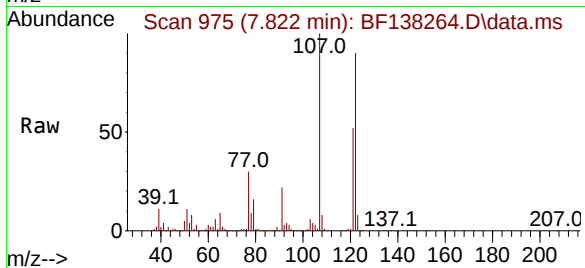
Tgt Ion:122 Resp: 781075

Ion Ratio Lower Upper

122 100

107 110.5 87.7 131.5

121 57.3 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 41.630 ng

RT: 7.922 min Scan# 992

Delta R.T. -0.000 min

Lab File: BF138264.D

Acq: 20 Jun 2024 16:05

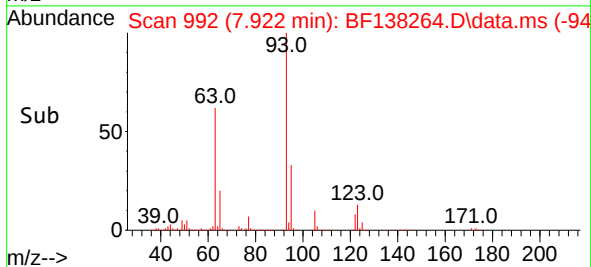
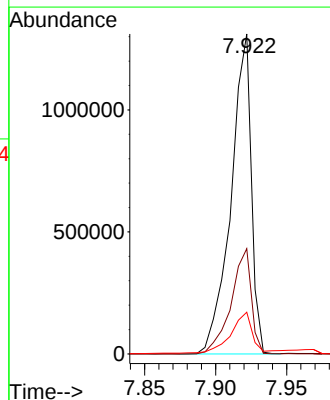
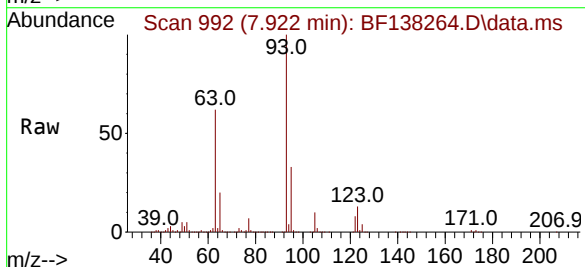
Tgt Ion: 93 Resp: 1304492

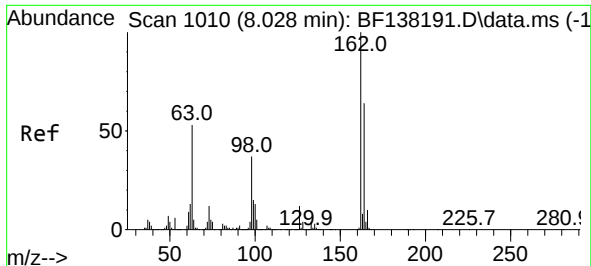
Ion Ratio Lower Upper

93 100

95 32.9 26.6 39.8

123 13.1 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 42.311 ng

RT: 8.028 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF138264.D

Acq: 20 Jun 2024 16:05

Instrument :

BNA_F

ClientSampleId :

PB161609BS

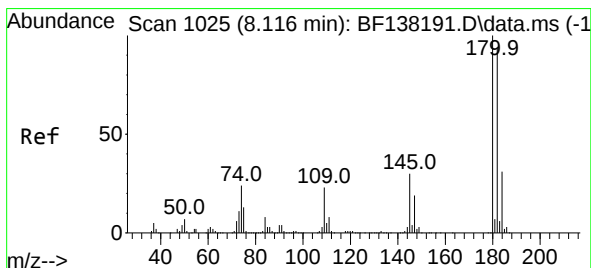
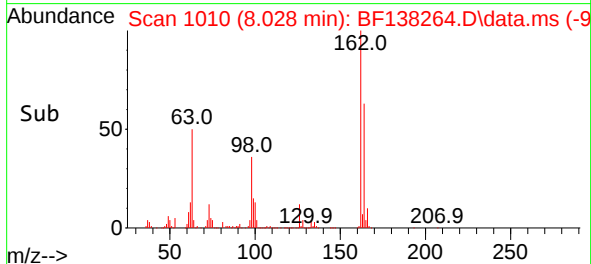
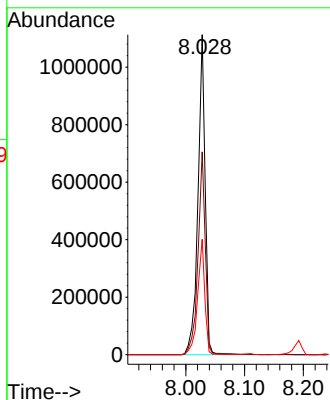
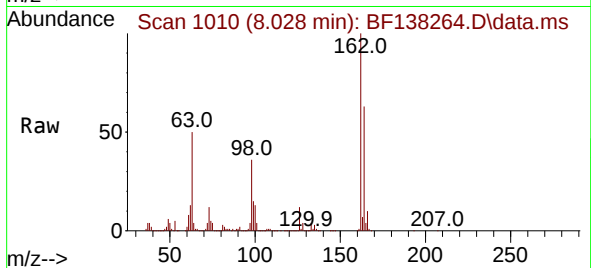
Tgt Ion:162 Resp: 953183

Ion Ratio Lower Upper

162 100

164 63.4 44.3 84.3

98 36.1 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 39.715 ng

RT: 8.110 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF138264.D

Acq: 20 Jun 2024 16:05

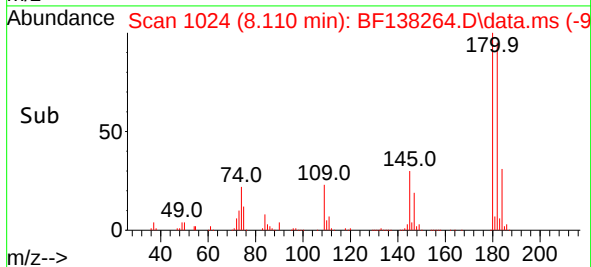
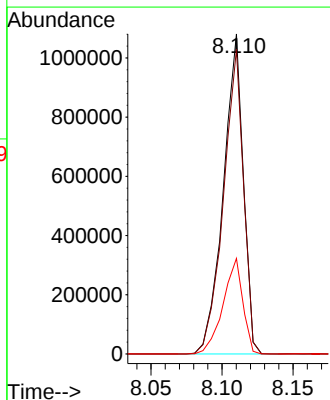
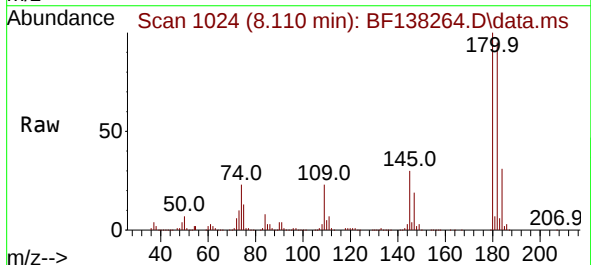
Tgt Ion:180 Resp: 1055144

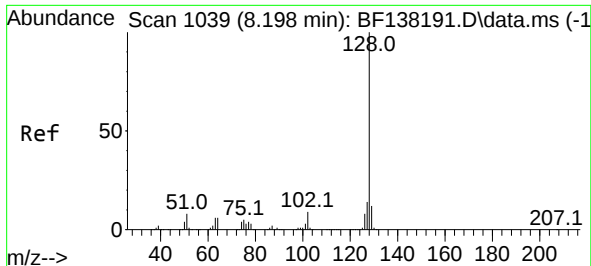
Ion Ratio Lower Upper

180 100

182 95.2 75.0 112.6

145 29.9 23.8 35.6

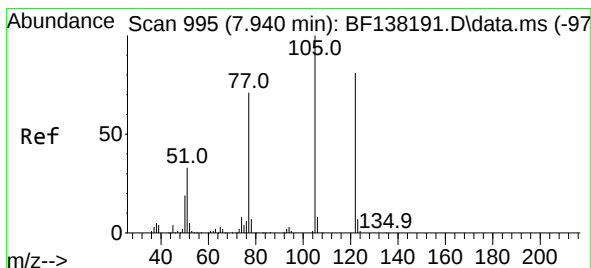
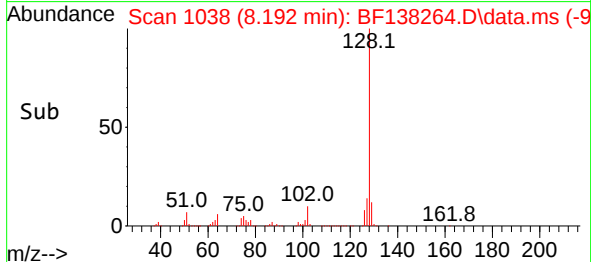
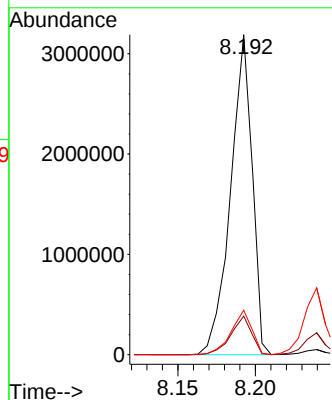
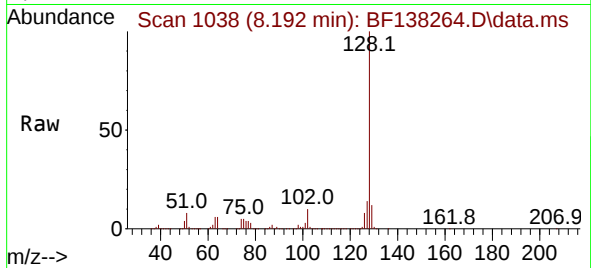




#31
Naphthalene
Concen: 38.785 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

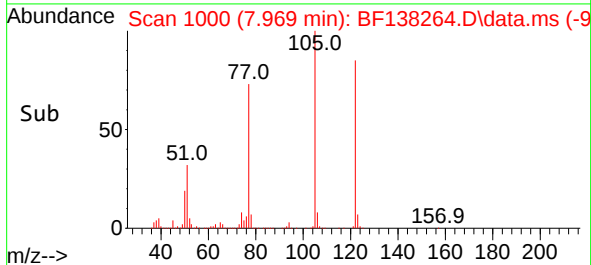
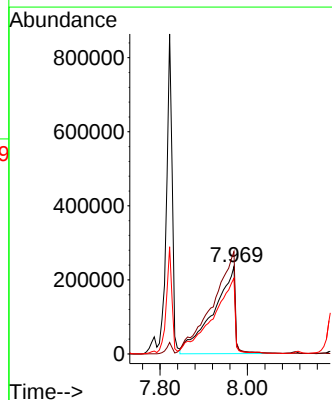
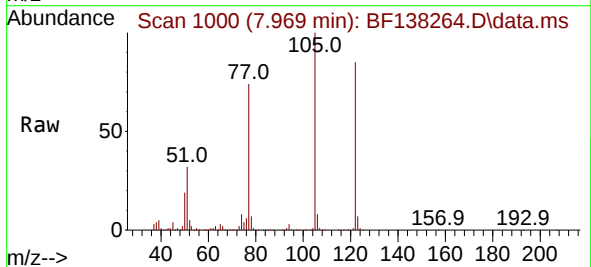
Instrument :
BNA_F
ClientSampleId :
PB161609BS

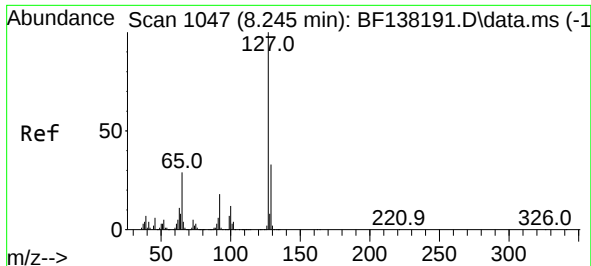
Tgt Ion:128 Resp: 3089813
Ion Ratio Lower Upper
128 100
129 12.1 9.5 14.3
127 13.9 11.0 16.6



#32
Benzoic acid
Concen: 52.597 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.029 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion:122 Resp: 811161
Ion Ratio Lower Upper
122 100
105 117.3 100.1 140.1
77 86.9 66.5 106.5

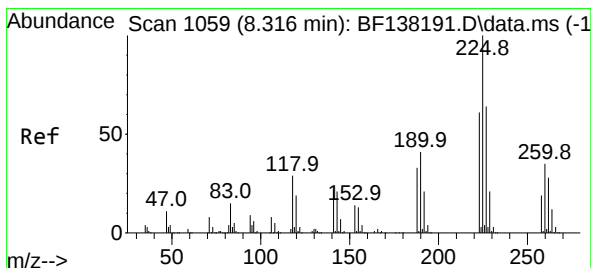
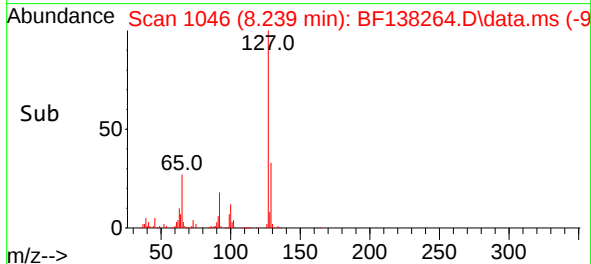
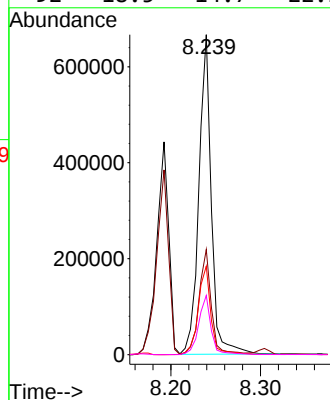
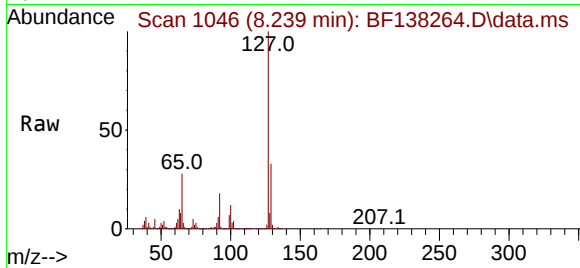




#33
4-Chloroaniline
Concen: 21.567 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

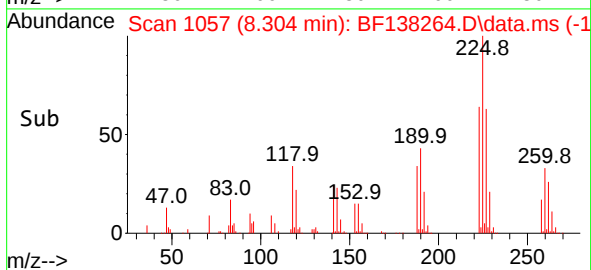
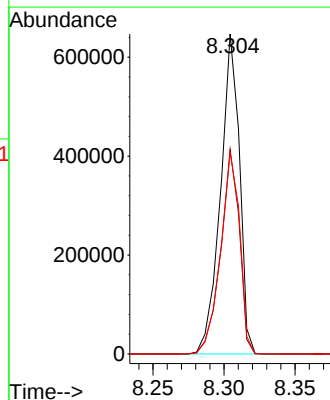
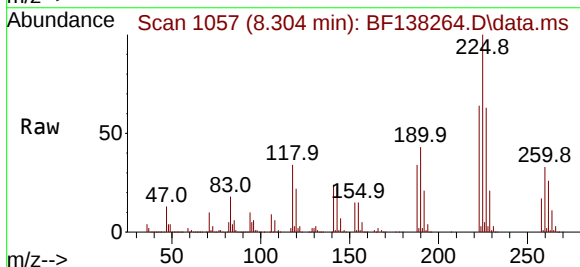
Instrument :
BNA_F
ClientSampleId :
PB161609BS

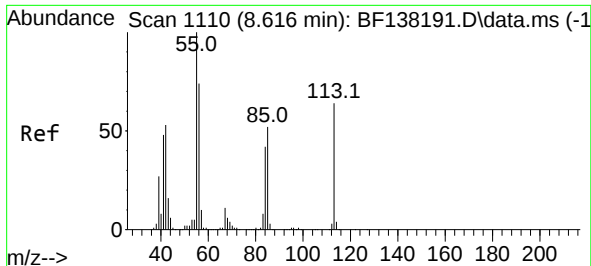
Tgt Ion:127	Resp: 642155
Ion Ratio	Lower Upper
127 100	
129 32.8	26.1 39.1
65 27.7	23.6 35.4
92 18.5	14.7 22.1



#34
Hexachlorobutadiene
Concen: 38.525 ng
RT: 8.304 min Scan# 1057
Delta R.T. -0.012 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion:225	Resp: 598604
Ion Ratio	Lower Upper
225 100	
223 64.0	49.0 73.6
227 62.9	51.2 76.8

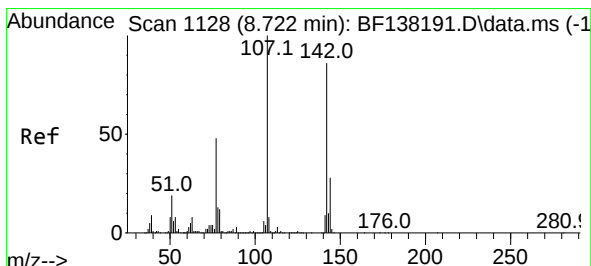
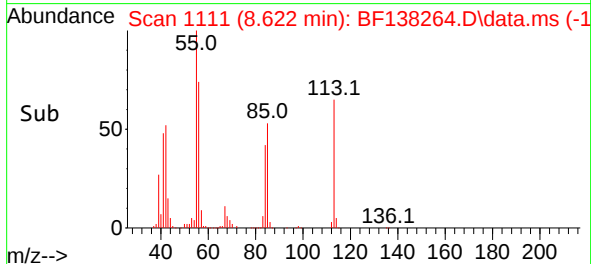
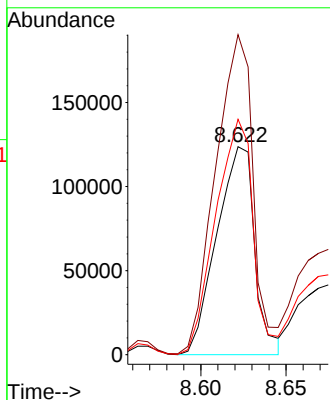
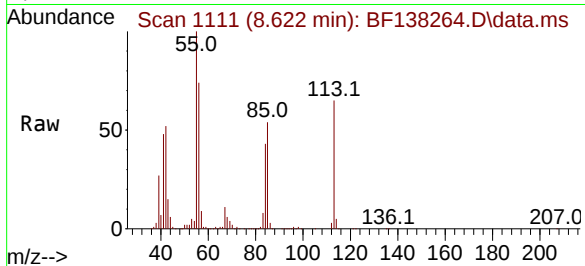




#35
Caprolactam
Concen: 28.131 ng
RT: 8.622 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

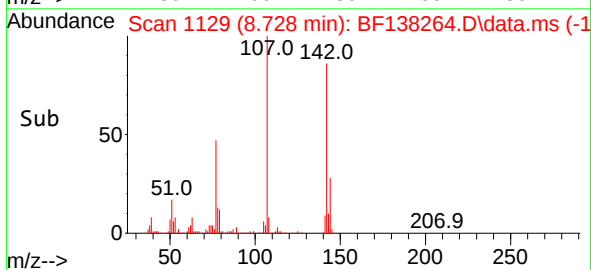
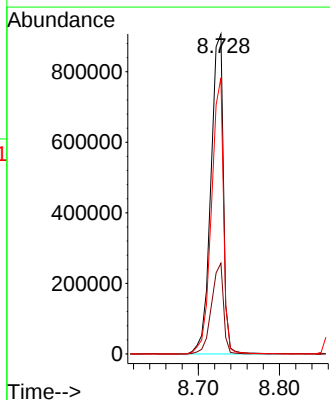
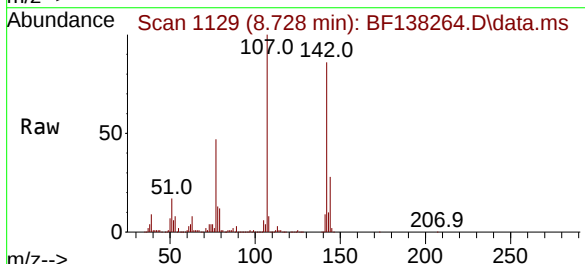
Instrument :
BNA_F
ClientSampleId :
PB161609BS

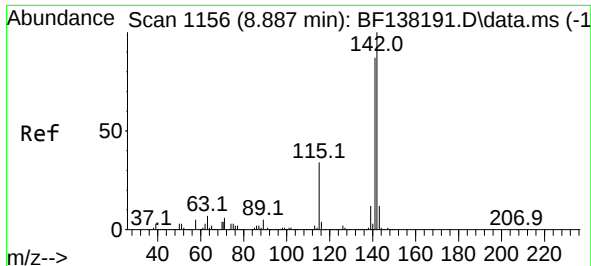
Tgt Ion:113 Resp: 191328
Ion Ratio Lower Upper
113 100
55 153.9 135.4 175.4
56 113.2 95.5 135.5



#36
4-Chloro-3-methylphenol
Concen: 43.231 ng
RT: 8.728 min Scan# 1129
Delta R.T. 0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion:107 Resp: 969687
Ion Ratio Lower Upper
107 100
144 28.3 22.6 34.0
142 86.3 69.0 103.4

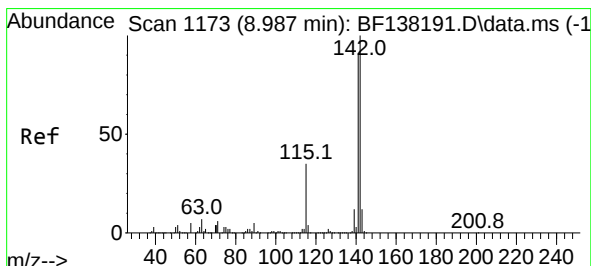
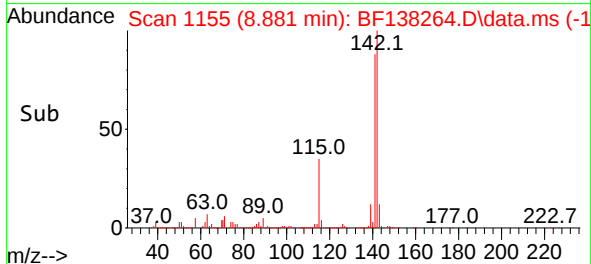
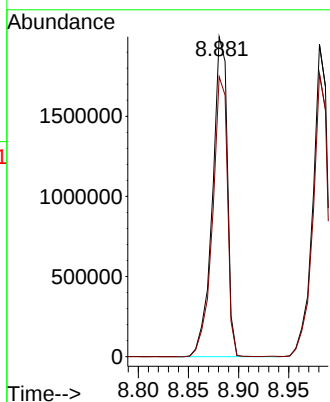
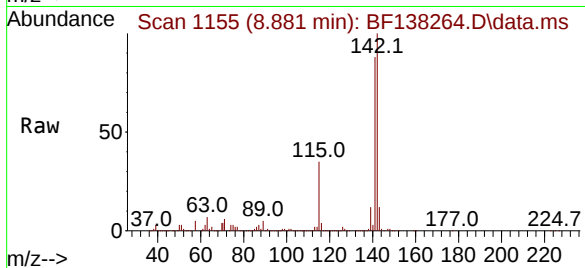




#37
2-Methylnaphthalene
Concen: 39.379 ng
RT: 8.881 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

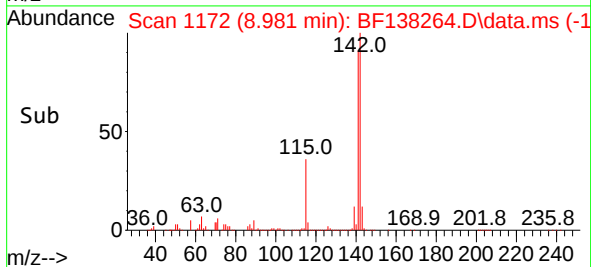
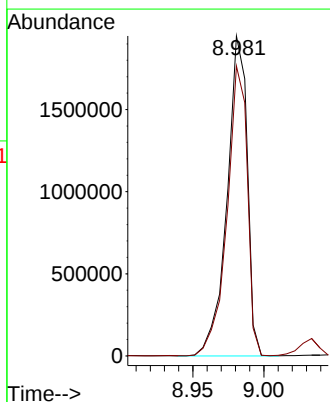
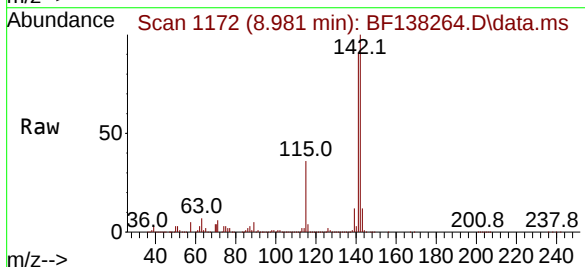
Instrument :
BNA_F
ClientSampleId :
PB161609BS

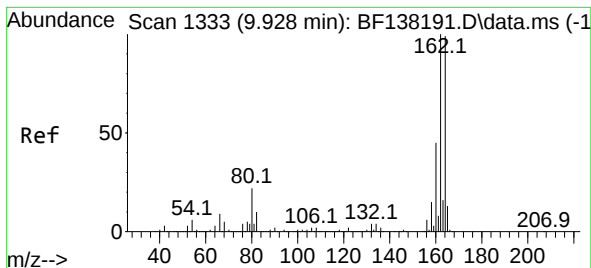
Tgt Ion:142 Resp: 2058910
Ion Ratio Lower Upper
142 100
141 87.5 69.9 104.9



#38
1-Methylnaphthalene
Concen: 37.603 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion:142 Resp: 1926594
Ion Ratio Lower Upper
142 100
141 90.6 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF138264.D

Acq: 20 Jun 2024 16:05

Instrument :

BNA_F

ClientSampleId :

PB161609BS

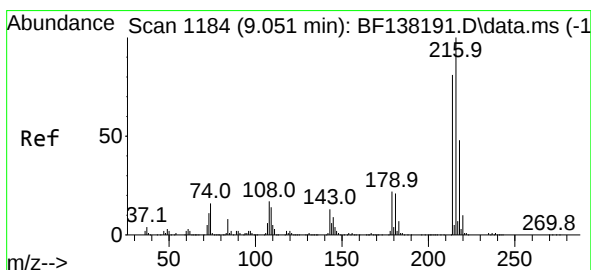
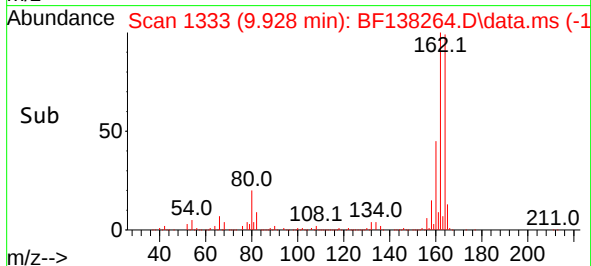
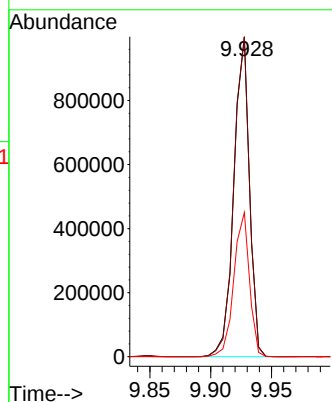
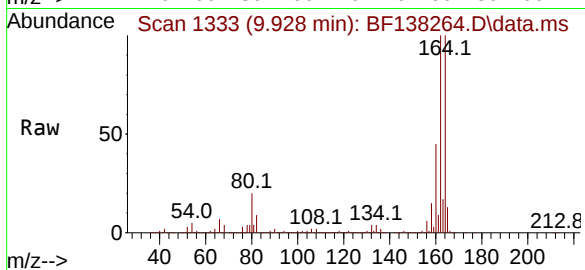
Tgt Ion:164 Resp: 888810

Ion Ratio Lower Upper

164 100

162 100.1 80.6 121.0

160 45.1 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.436 ng

RT: 9.045 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF138264.D

Acq: 20 Jun 2024 16:05

Tgt Ion:216 Resp: 1024248

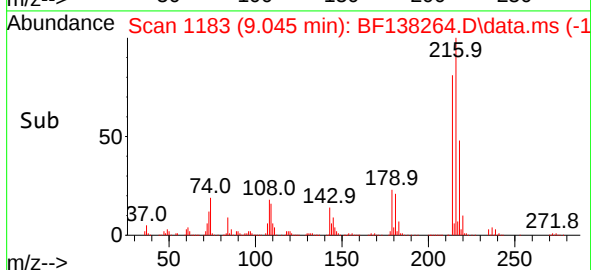
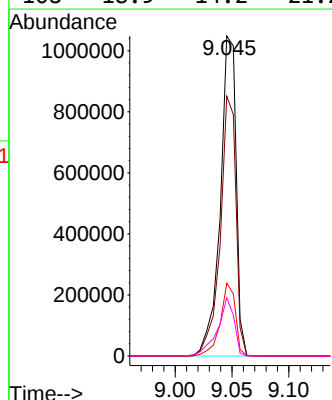
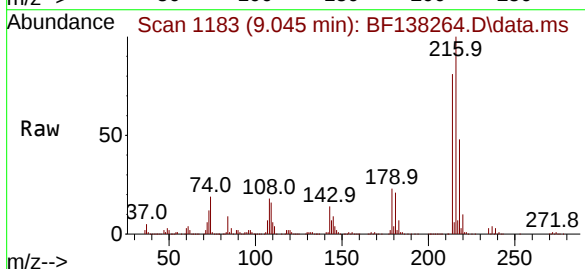
Ion Ratio Lower Upper

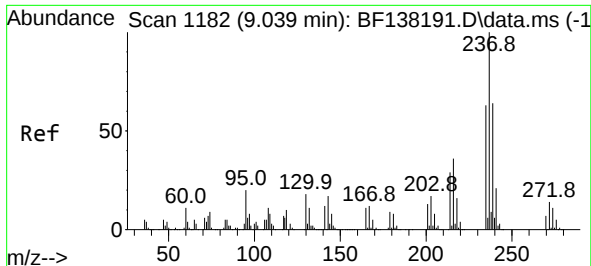
216 100

214 79.7 63.7 95.5

179 21.5 16.9 25.3

108 18.9 14.2 21.2

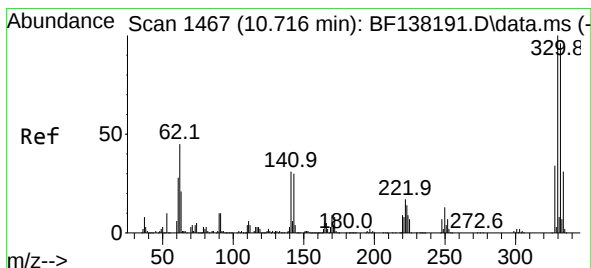
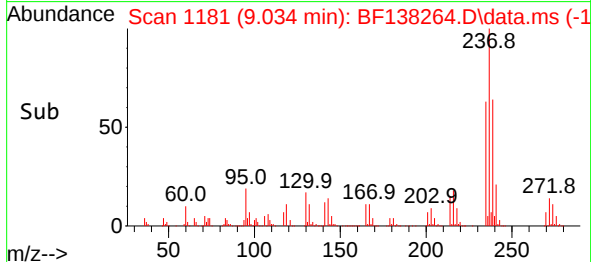
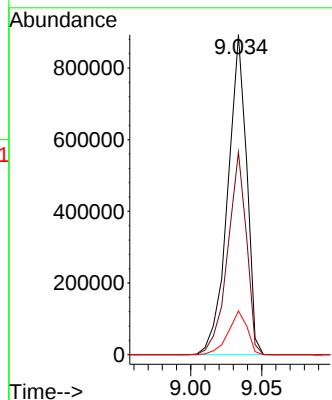
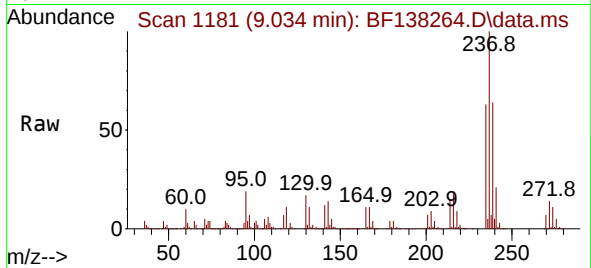




#41
Hexachlorocyclopentadiene
Concen: 97.712 ng
RT: 9.034 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

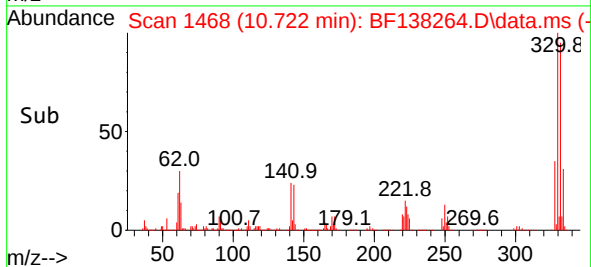
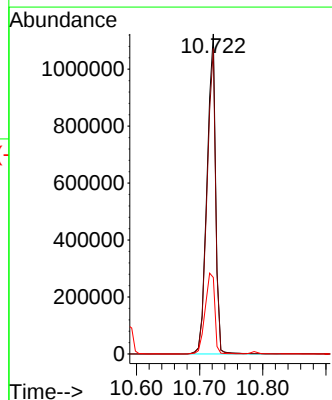
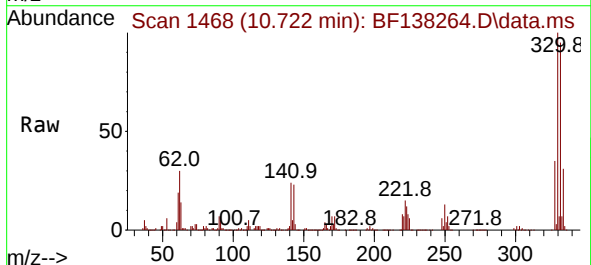
Instrument :
BNA_F
ClientSampleId :
PB161609BS

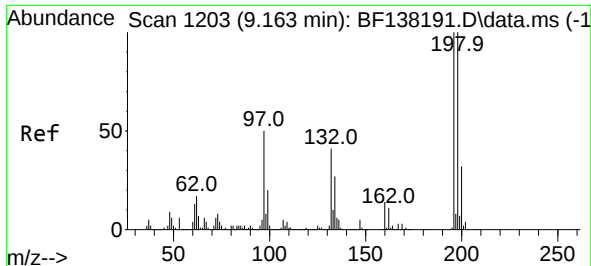
Tgt Ion:237 Resp: 827515
Ion Ratio Lower Upper
237 100
235 63.3 43.3 83.3
272 13.6 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 120.362 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion:330 Resp: 1065003
Ion Ratio Lower Upper
330 100
332 95.4 76.6 115.0
141 28.3 23.9 35.9

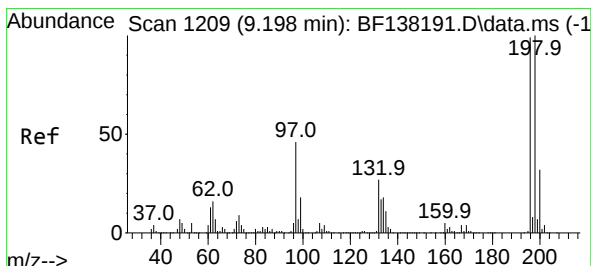
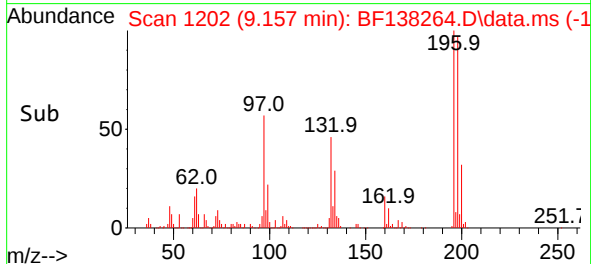
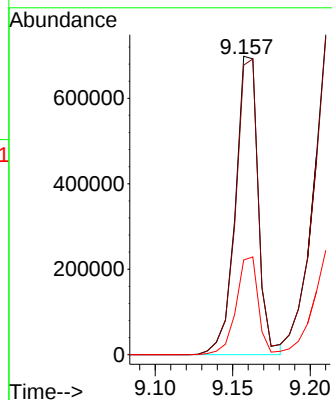
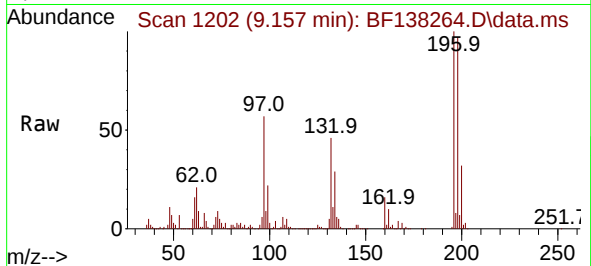




#43
2,4,6-Trichlorophenol
Concen: 43.965 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

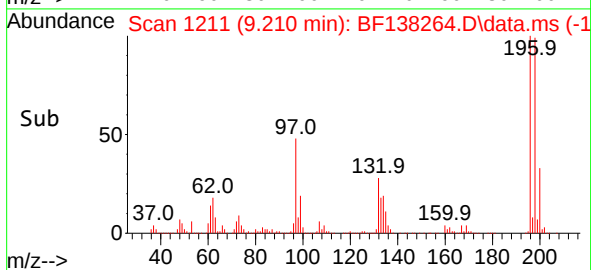
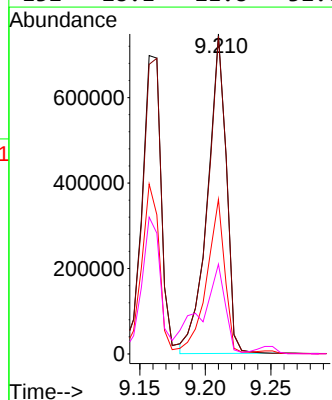
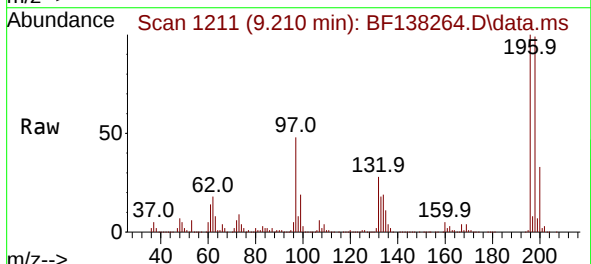
Instrument :
BNA_F
ClientSampleId :
PB161609BS

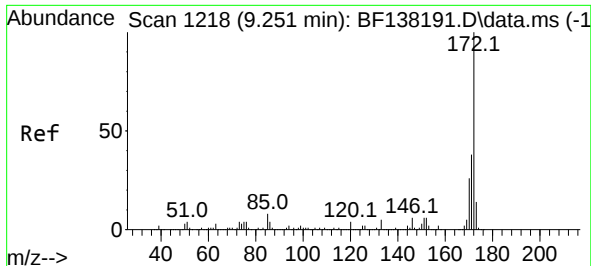
Tgt Ion:196 Resp: 714984
Ion Ratio Lower Upper
196 100
198 97.0 79.8 119.6
200 31.8 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 41.740 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.012 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion:196 Resp: 745453
Ion Ratio Lower Upper
196 100
198 99.2 80.4 120.6
97 48.3 37.4 56.2
132 28.1 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 68.557 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF138264.D

Acq: 20 Jun 2024 16:05

Instrument :

BNA_F

ClientSampleId :

PB161609BS

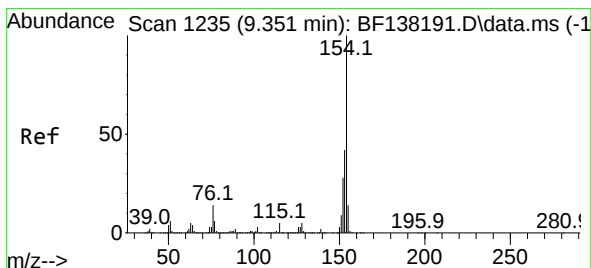
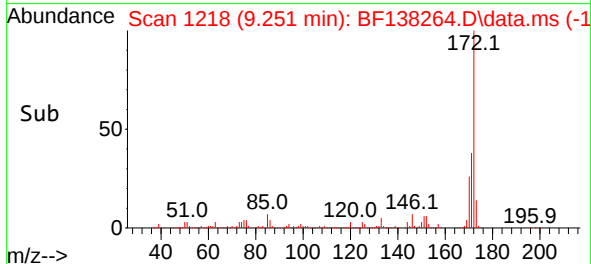
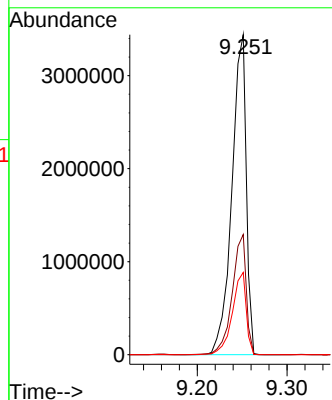
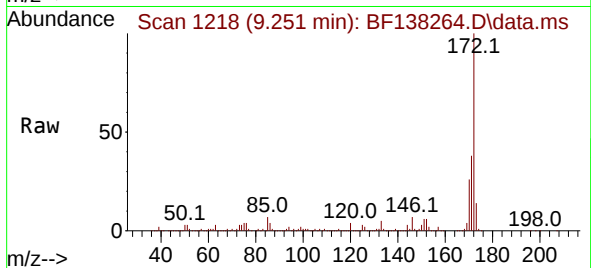
Tgt Ion:172 Resp: 3831957

Ion Ratio Lower Upper

172 100

171 37.5 30.3 45.5

170 25.7 20.6 30.8



#46

1,1'-Biphenyl

Concen: 38.465 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF138264.D

Acq: 20 Jun 2024 16:05

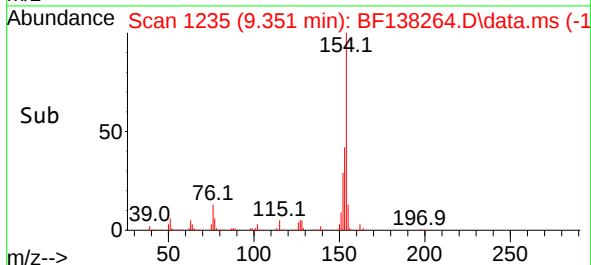
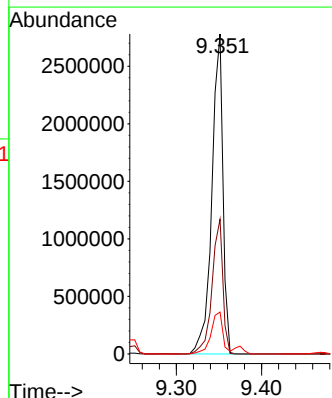
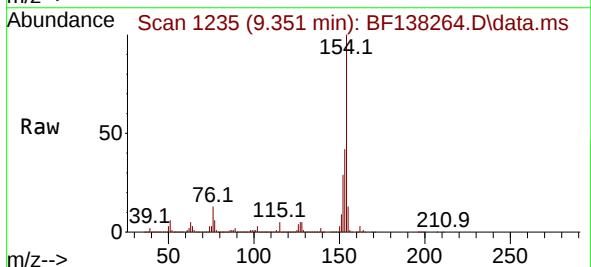
Tgt Ion:154 Resp: 2508653

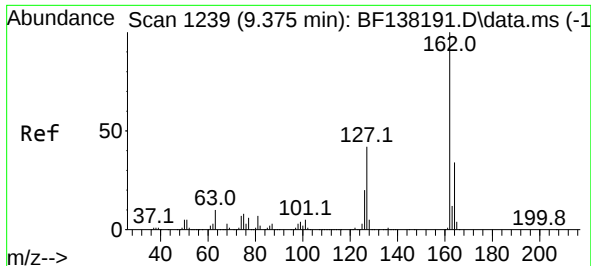
Ion Ratio Lower Upper

154 100

153 42.1 22.1 62.1

76 13.1 0.0 34.3

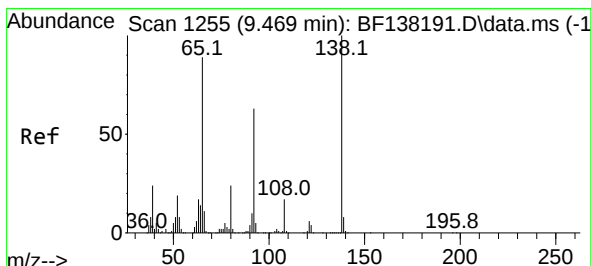
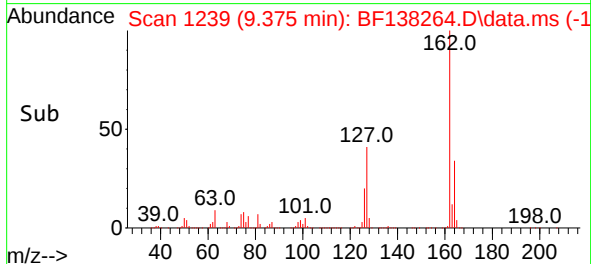
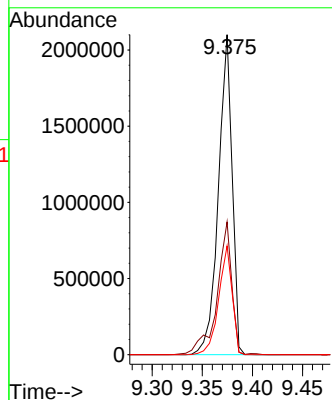
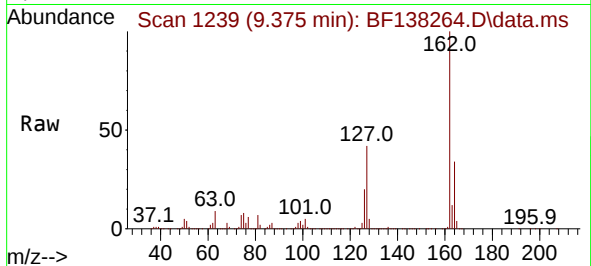




#47
2-Chloronaphthalene
Concen: 38.776 ng
RT: 9.375 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

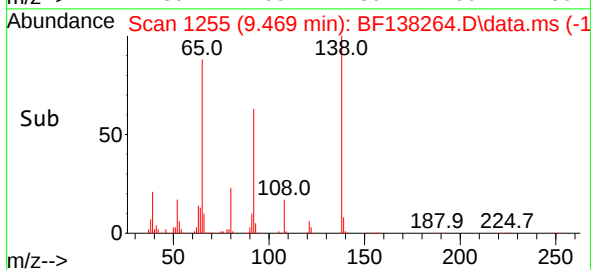
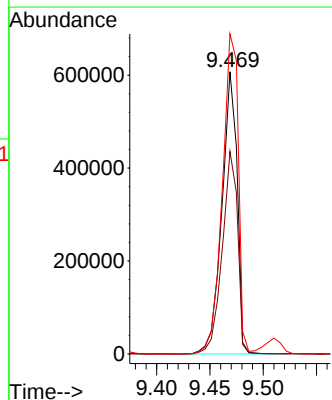
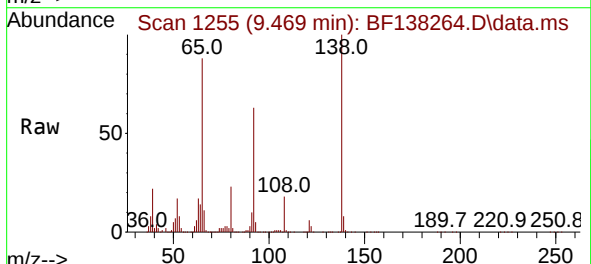
Instrument :
BNA_F
ClientSampleId :
PB161609BS

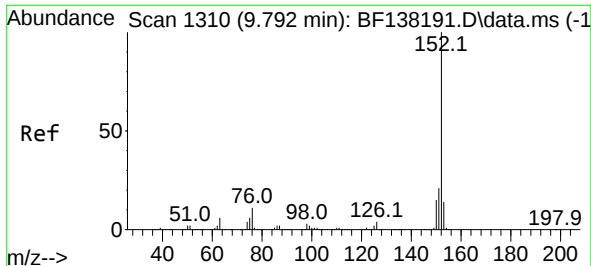
Tgt Ion:162 Resp: 1998663
Ion Ratio Lower Upper
162 100
127 41.5 33.6 50.4
164 34.0 27.2 40.8



#48
2-Nitroaniline
Concen: 48.458 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion: 65 Resp: 601513
Ion Ratio Lower Upper
65 100
92 71.8 56.6 85.0
138 113.4 90.1 135.1

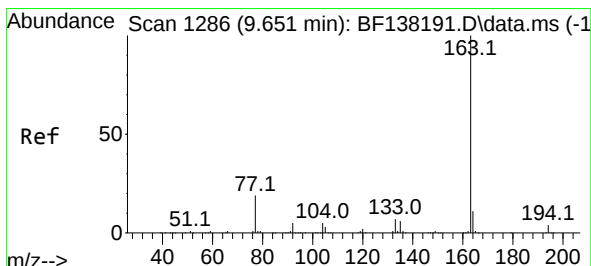
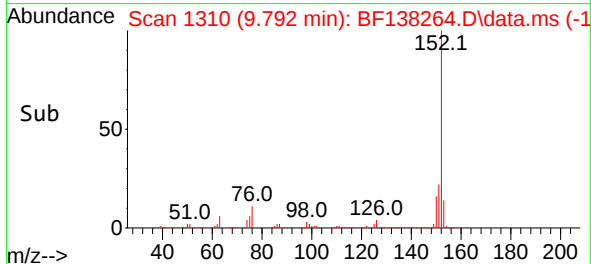
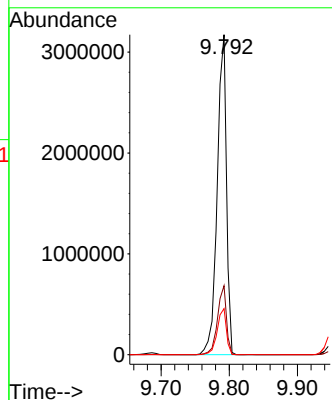
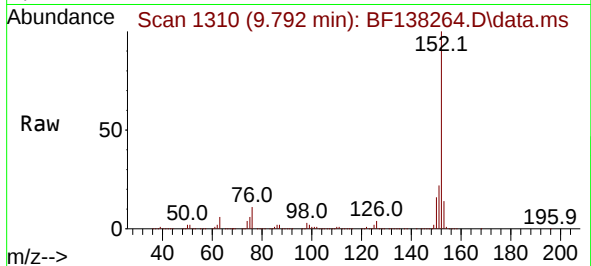




#49
Acenaphthylene
Concen: 41.483 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

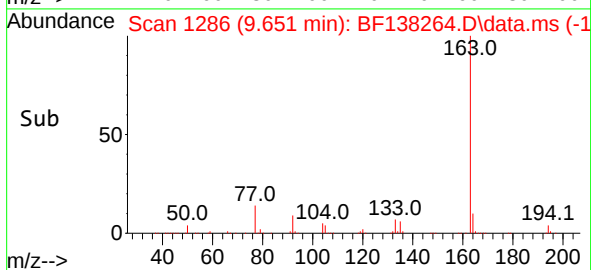
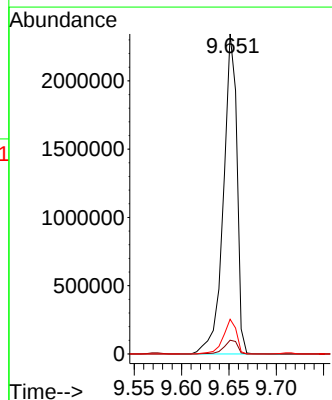
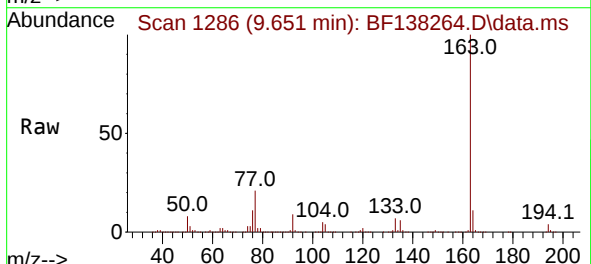
Instrument :
BNA_F
ClientSampleId :
PB161609BS

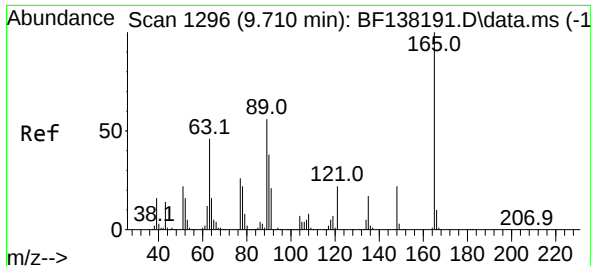
Tgt Ion:152 Resp: 2998279
Ion Ratio Lower Upper
152 100
151 21.5 16.9 25.3
153 14.4 11.4 17.0



#50
Dimethylphthalate
Concen: 42.851 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion:163 Resp: 2333573
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.9 8.5 12.7

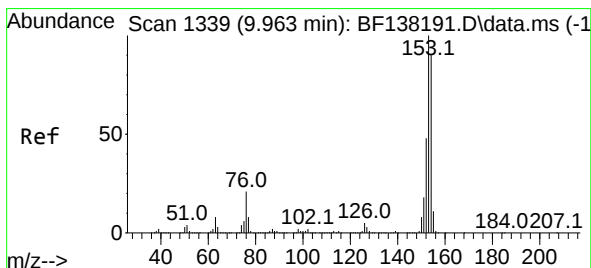
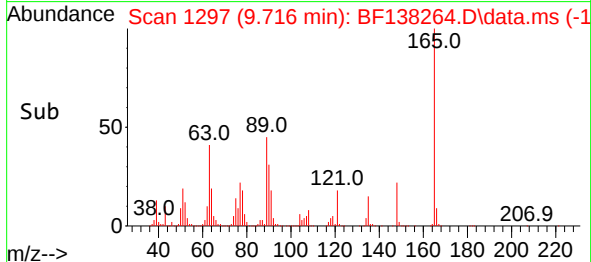
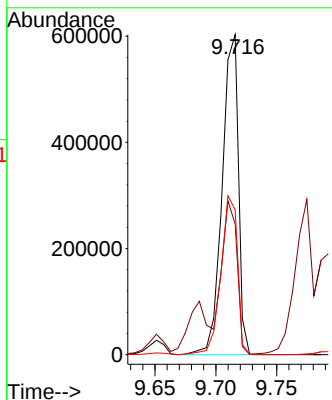
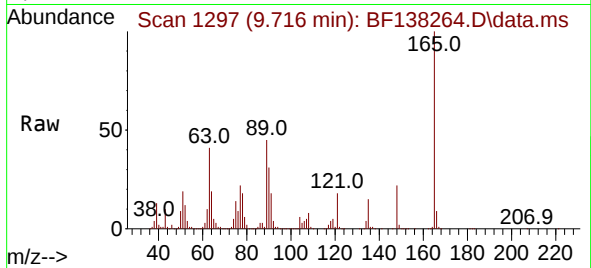




#51
2,6-Dinitrotoluene
Concen: 47.451 ng
RT: 9.716 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

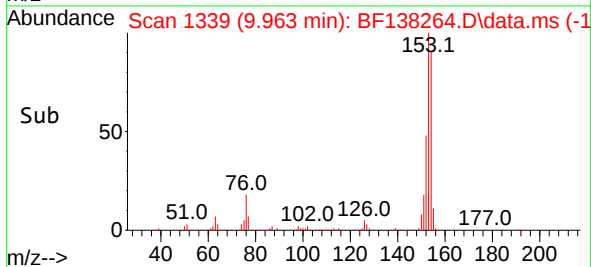
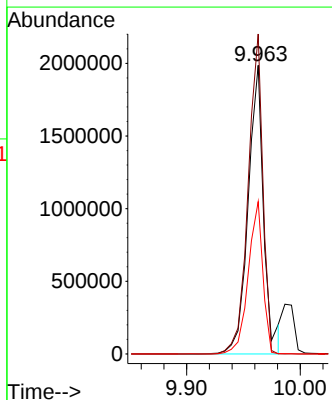
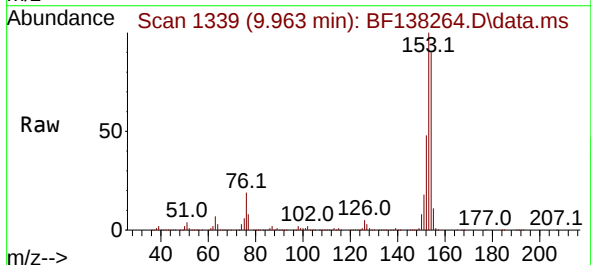
Instrument :
BNA_F
ClientSampleId :
PB161609BS

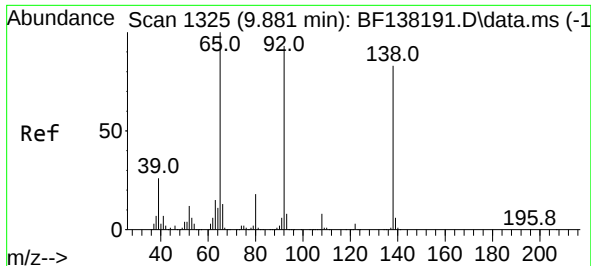
Tgt Ion:165 Resp: 560596
Ion Ratio Lower Upper
165 100
63 40.9 43.7 65.5#
89 45.2 44.9 67.3



#52
Acenaphthene
Concen: 38.282 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion:154 Resp: 1886731
Ion Ratio Lower Upper
154 100
153 110.9 89.1 133.7
152 52.8 42.4 63.6

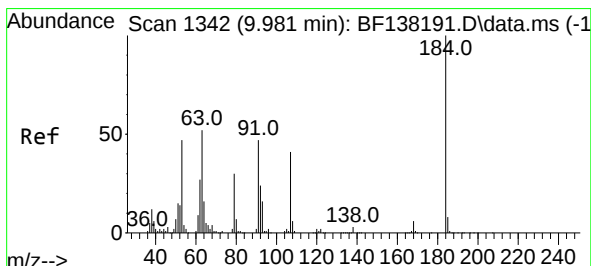
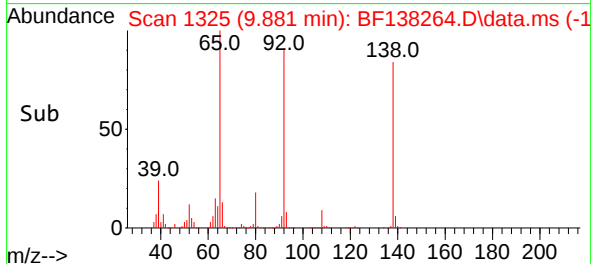
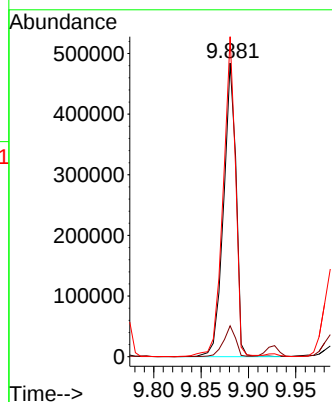
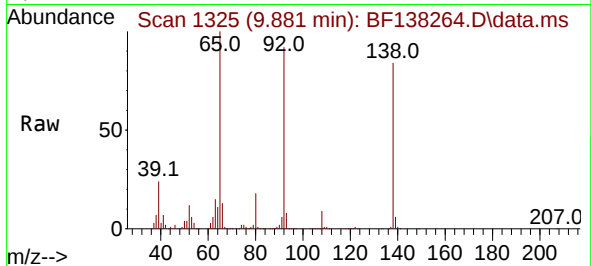




#53
3-Nitroaniline
Concen: 35.304 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

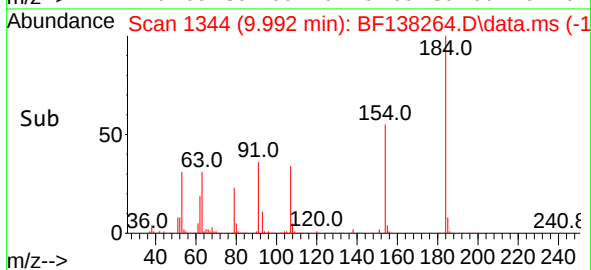
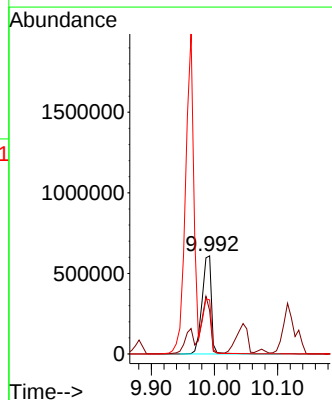
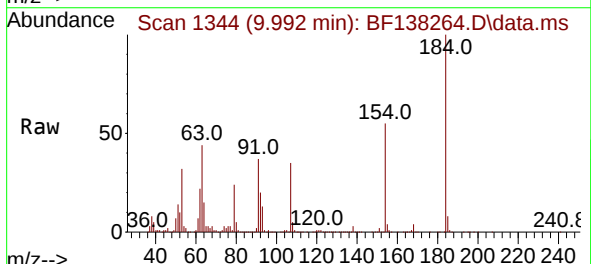
Instrument :
BNA_F
ClientSampleId :
PB161609BS

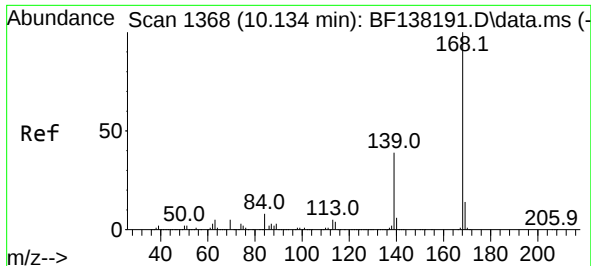
Tgt Ion:138 Resp: 445568
Ion Ratio Lower Upper
138 100
108 10.5 8.2 12.2
92 109.0 90.0 135.0



#54
2,4-Dinitrophenol
Concen: 96.720 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.011 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion:184 Resp: 627085
Ion Ratio Lower Upper
184 100
63 44.2 49.2 73.8#
154 55.2 46.7 70.1

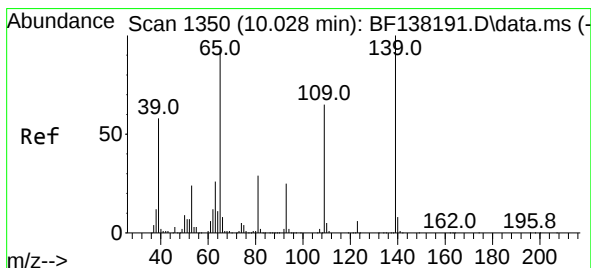
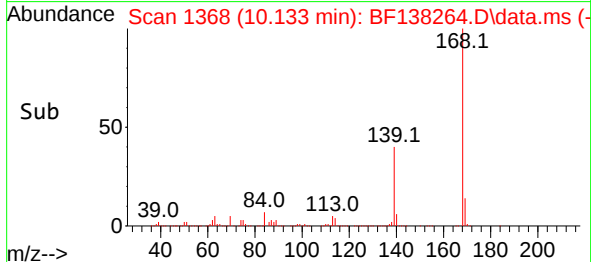
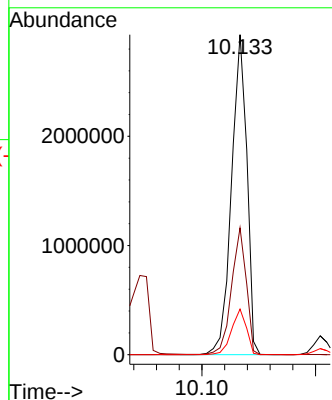
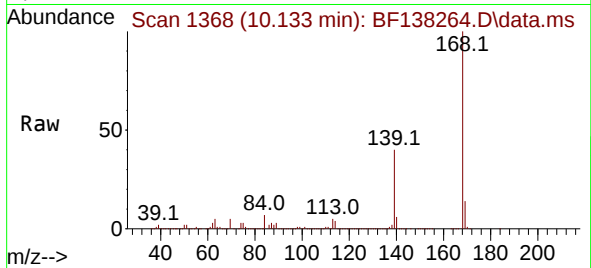




#55
Dibenzofuran
Concen: 39.784 ng
RT: 10.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

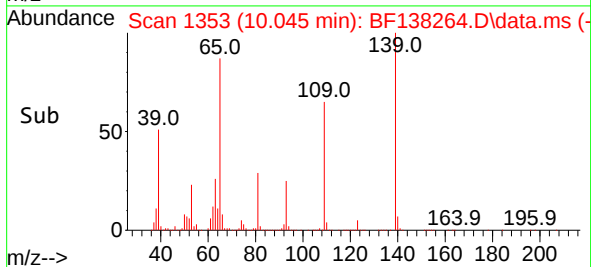
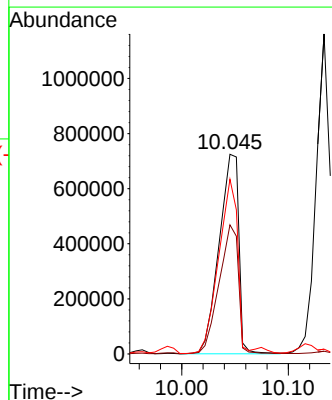
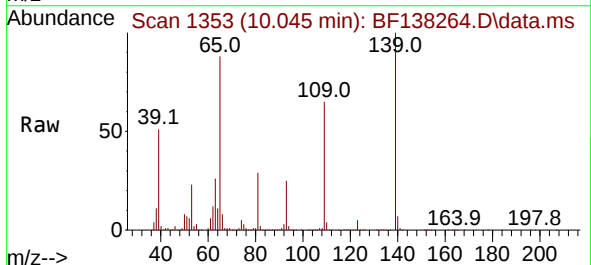
Instrument :
BNA_F
ClientSampleId :
PB161609BS

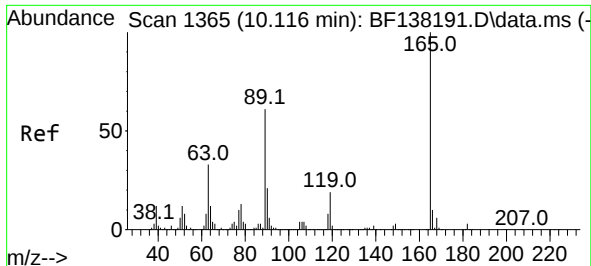
Tgt Ion:168 Resp: 2741022
Ion Ratio Lower Upper
168 100
139 39.6 31.0 46.4
169 14.2 11.4 17.0



#56
4-Nitrophenol
Concen: 92.995 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.018 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion:139 Resp: 927507
Ion Ratio Lower Upper
139 100
109 64.7 44.6 84.6
65 87.5 73.1 113.1

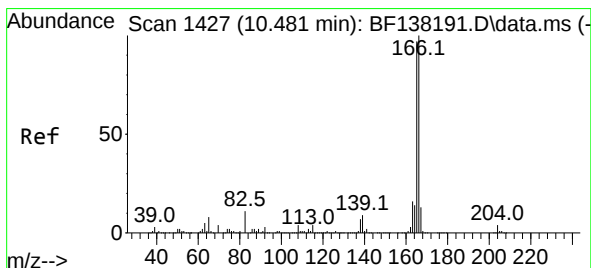
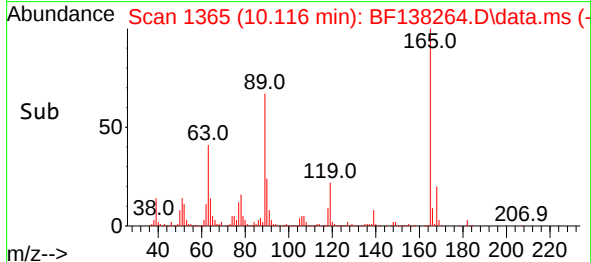
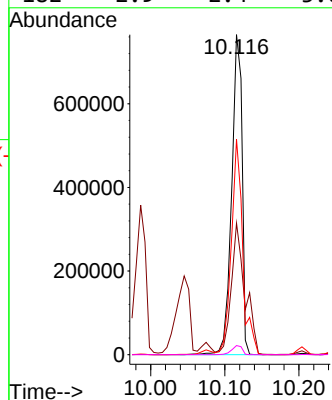
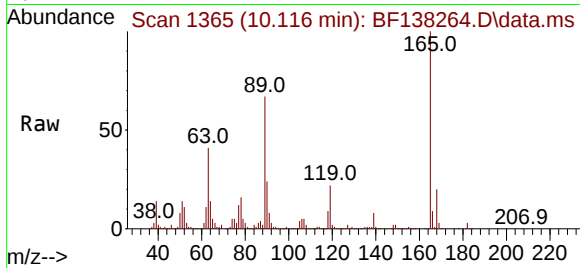




#57
2,4-Dinitrotoluene
Concen: 51.090 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

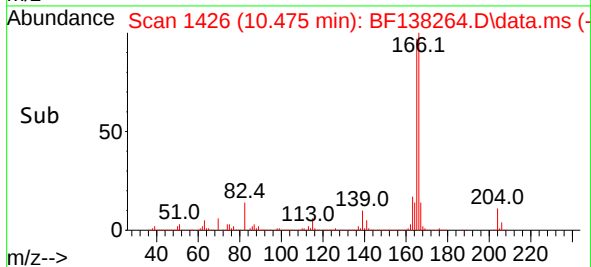
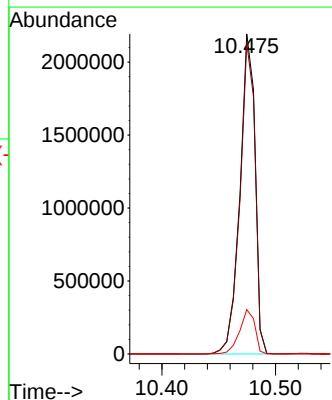
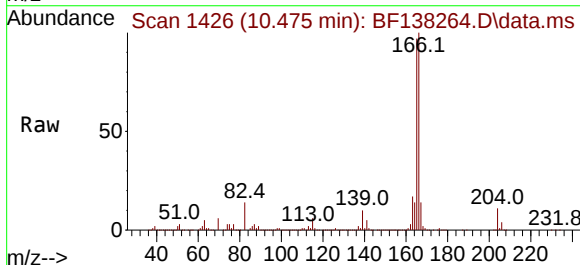
Instrument :
BNA_F
ClientSampleId :
PB161609BS

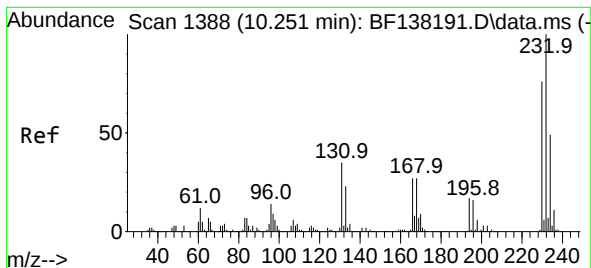
Tgt Ion:165 Resp: 744464
Ion Ratio Lower Upper
165 100
63 41.1 26.6 39.8#
89 67.3 48.7 73.1
182 2.9 2.4 3.6



#58
Fluorene
Concen: 37.690 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion:166 Resp: 2041681
Ion Ratio Lower Upper
166 100
165 97.2 77.9 116.9
167 13.8 10.7 16.1

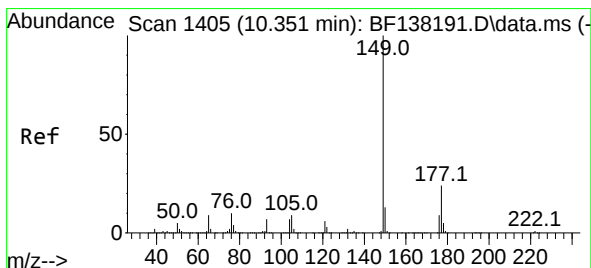
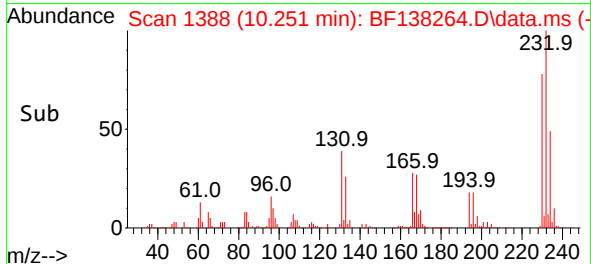
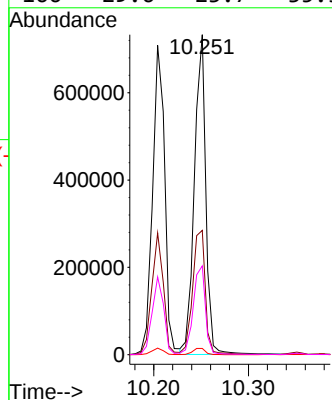
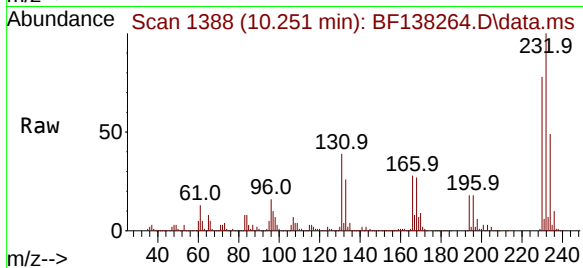




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.109 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

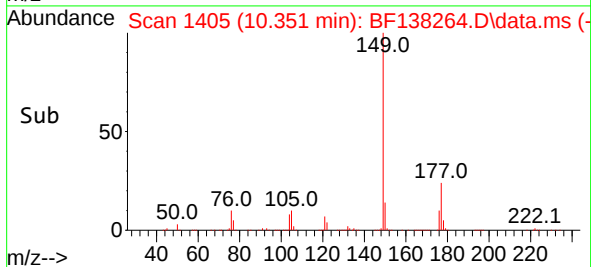
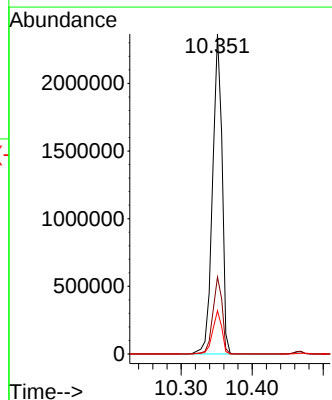
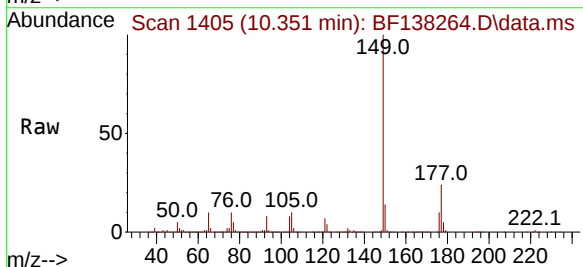
Instrument :
BNA_F
ClientSampleId :
PB161609BS

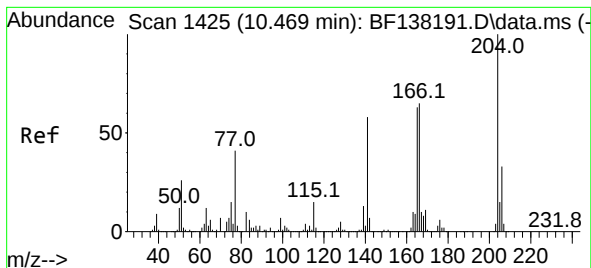
Tgt Ion:232 Resp: 615652
Ion Ratio Lower Upper
232 100
131 43.1 33.6 50.4
130 2.2 1.7 2.5
166 29.6 23.7 35.5



#60
Diethylphthalate
Concen: 42.475 ng
RT: 10.351 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion:149 Resp: 2195355
Ion Ratio Lower Upper
149 100
177 24.1 19.4 29.0
150 13.5 10.2 15.4

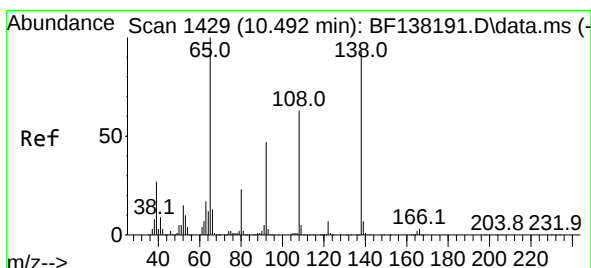
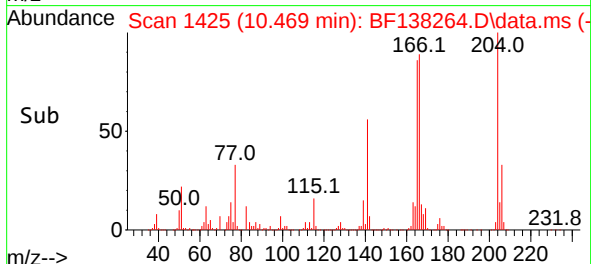
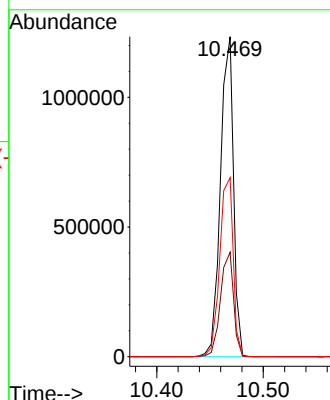
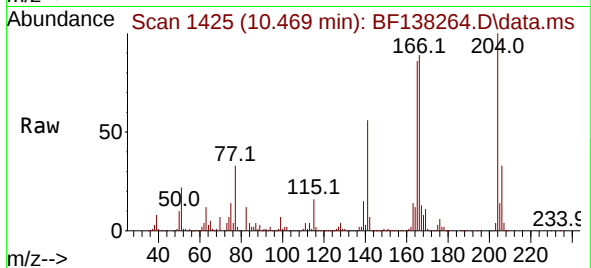




#61
4-Chlorophenyl-phenylether
Concen: 38.648 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

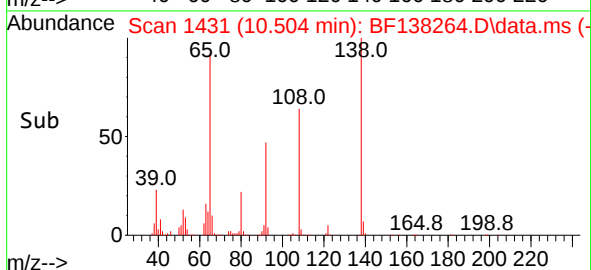
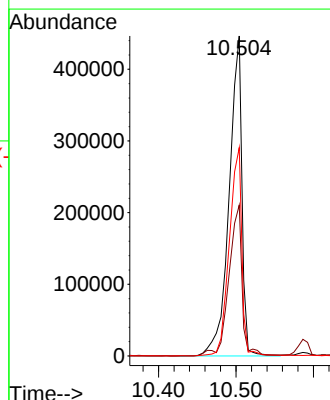
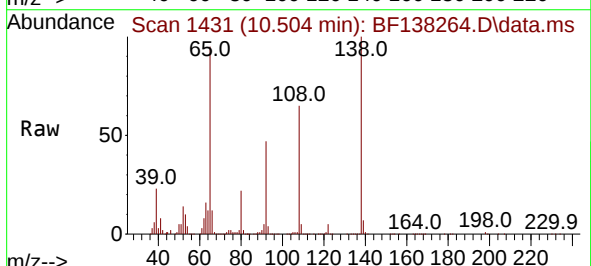
Instrument :
BNA_F
ClientSampleId :
PB161609BS

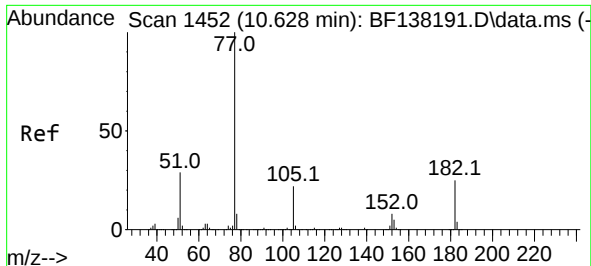
Tgt Ion:204 Resp: 1042677
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 56.0 46.3 69.5



#62
4-Nitroaniline
Concen: 40.746 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.012 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion:138 Resp: 513808
Ion Ratio Lower Upper
138 100
92 47.2 30.9 70.9
108 65.1 47.8 87.8



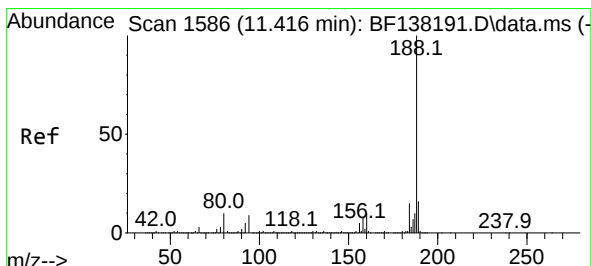
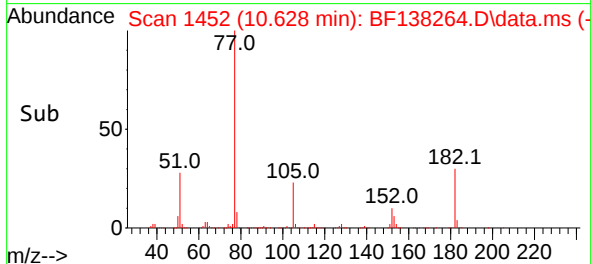
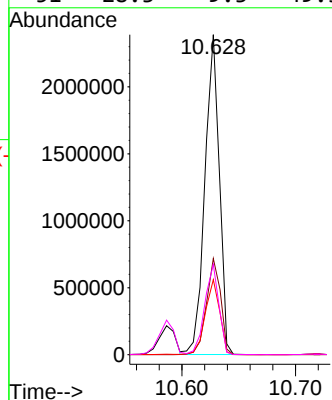
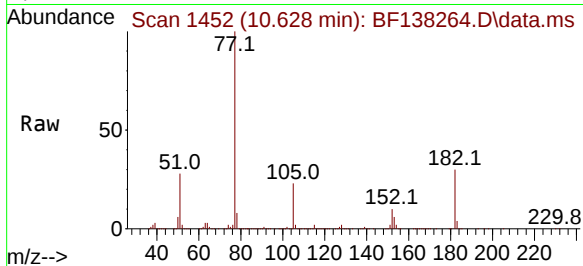


#63
Azobenzene
Concen: 40.609 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Instrument :
BNA_F
ClientSampleId :
PB161609BS

Tgt Ion: 77 Resp: 2102767

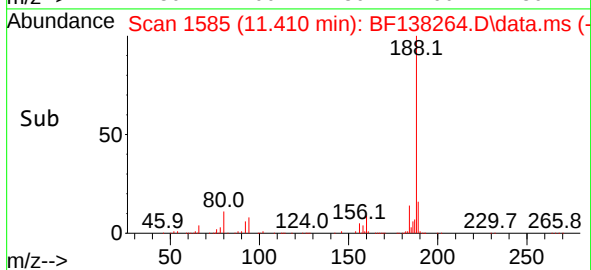
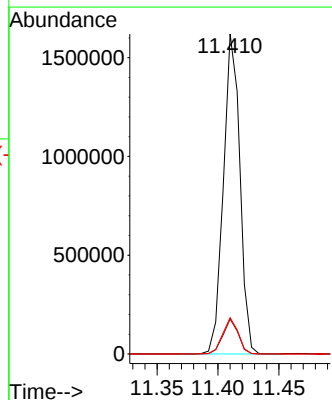
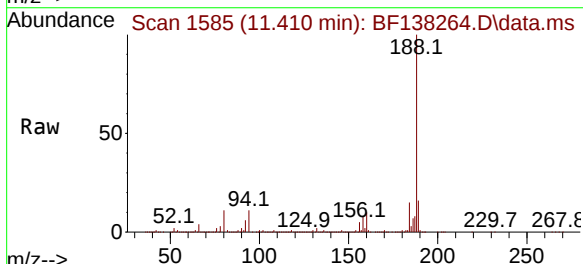
Ion	Ratio	Lower	Upper
77	100		
182	30.1	5.5	45.5
105	23.5	1.8	41.8
51	28.3	9.3	49.3

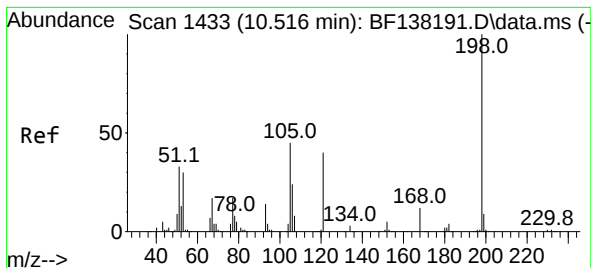


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion: 188 Resp: 1529173

Ion	Ratio	Lower	Upper
188	100		
94	10.9	7.6	11.4
80	11.4	8.1	12.1

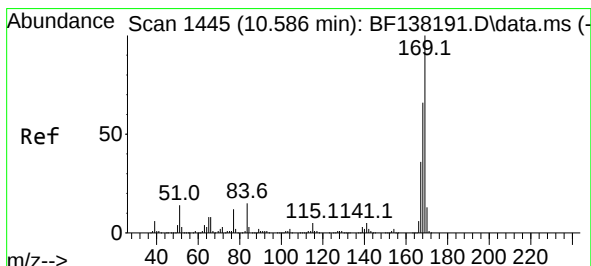
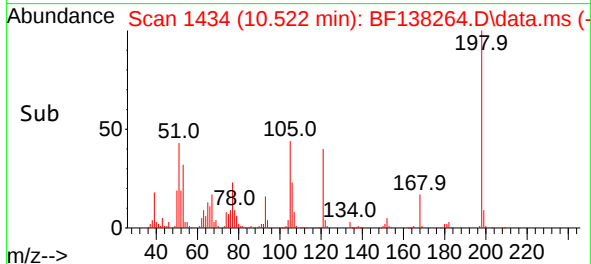
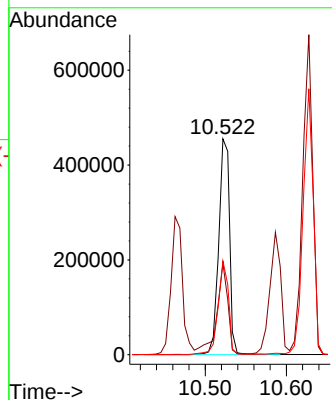
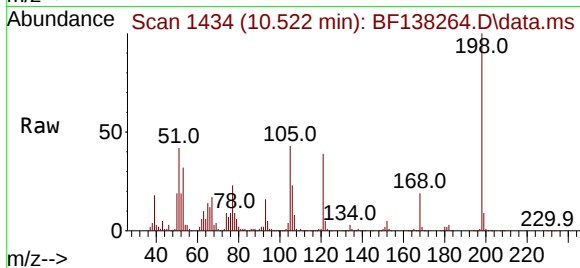




#65
4,6-Dinitro-2-methylphenol
Concen: 53.356 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

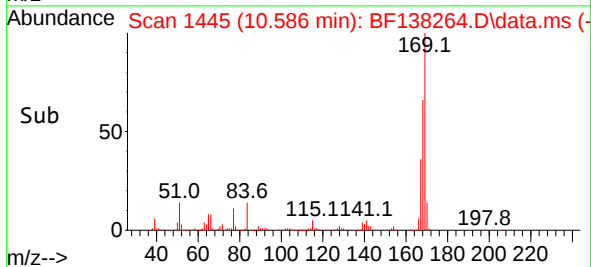
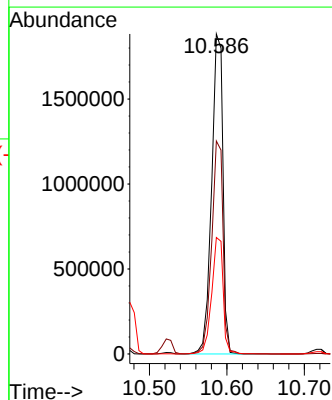
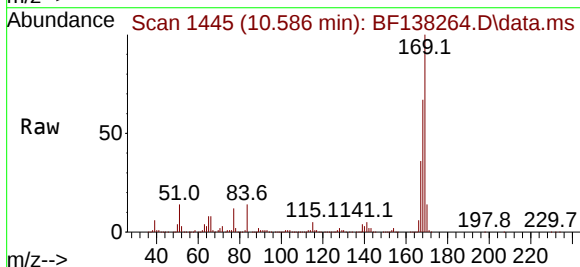
Instrument :
BNA_F
ClientSampleId :
PB161609BS

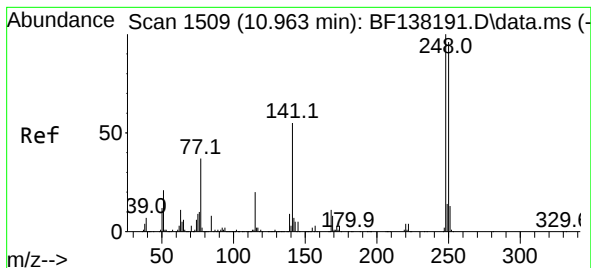
Tgt Ion:198 Resp: 422799
Ion Ratio Lower Upper
198 100
51 42.4 26.9 66.9
105 43.4 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 40.572 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion:169 Resp: 1899418
Ion Ratio Lower Upper
169 100
168 66.5 52.9 79.3
167 36.4 29.0 43.6

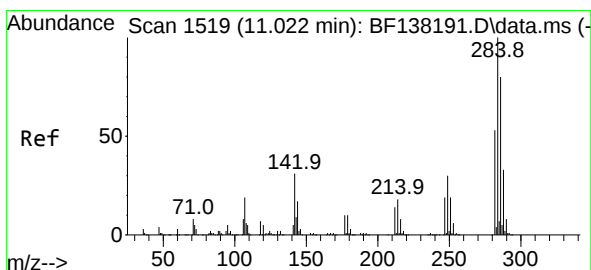
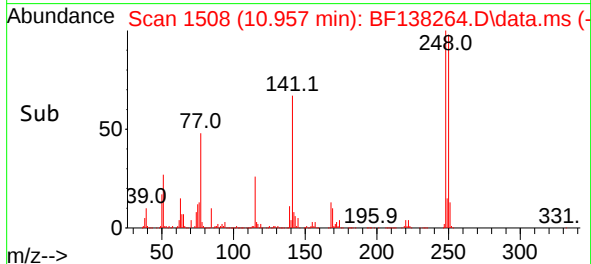
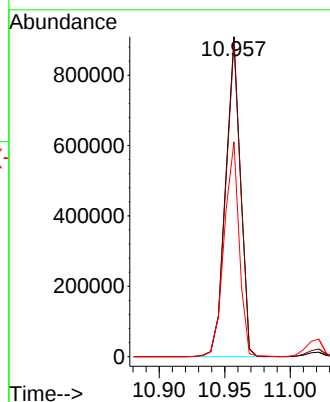
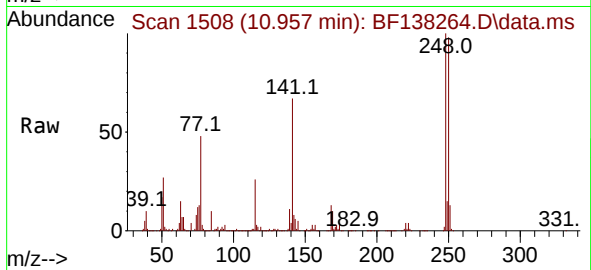




#67
4-Bromophenyl-phenylether
Concen: 41.587 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

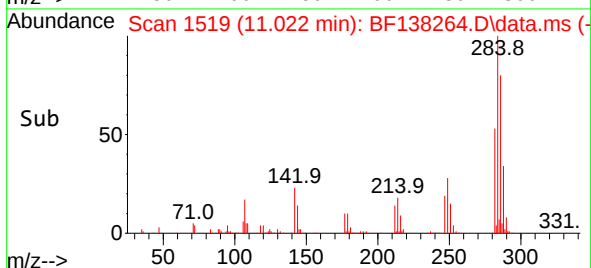
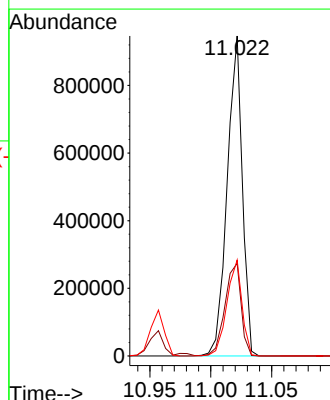
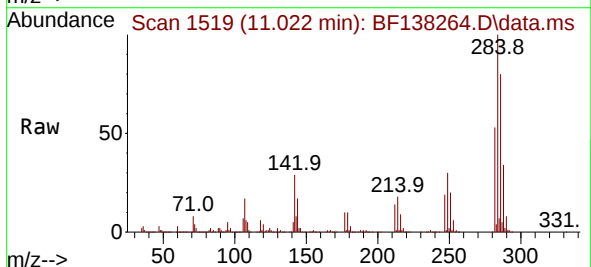
Instrument :
BNA_F
ClientSampleId :
PB161609BS

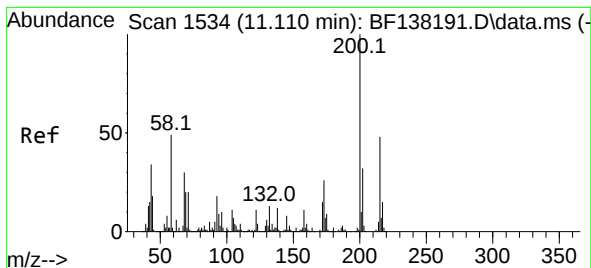
Tgt Ion:248 Resp: 716595
Ion Ratio Lower Upper
248 100
250 98.2 77.2 115.8
141 67.2 44.1 66.1#



#68
Hexachlorobenzene
Concen: 40.742 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion:284 Resp: 819273
Ion Ratio Lower Upper
284 100
142 29.0 24.8 37.2
249 30.0 23.8 35.6





#69

Atrazine

Concen: 45.791 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138264.D

Acq: 20 Jun 2024 16:05

Instrument :

BNA_F

ClientSampleId :

PB161609BS

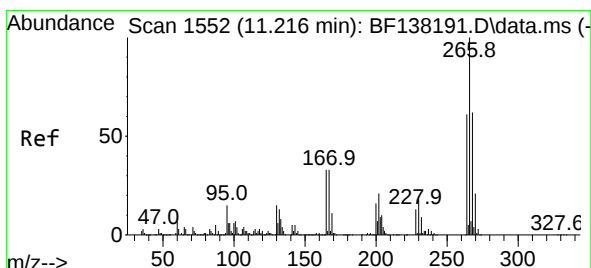
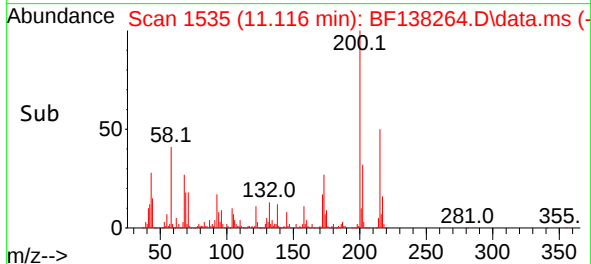
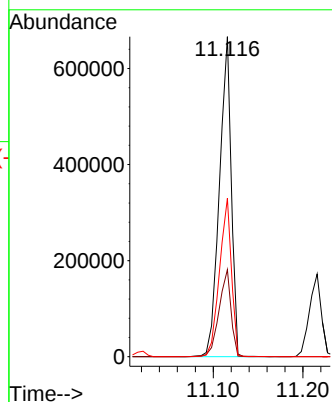
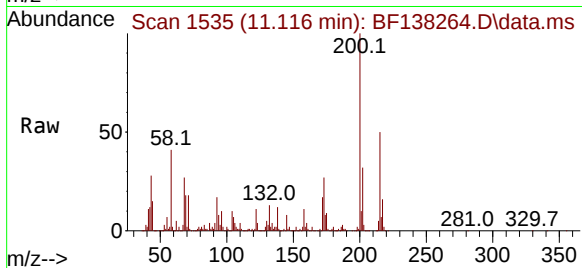
Tgt Ion:200 Resp: 610606

Ion Ratio Lower Upper

200 100

173 27.2 6.3 46.3

215 49.5 28.0 68.0



#70

Pentachlorophenol

Concen: 78.735 ng

RT: 11.216 min Scan# 1552

Delta R.T. -0.000 min

Lab File: BF138264.D

Acq: 20 Jun 2024 16:05

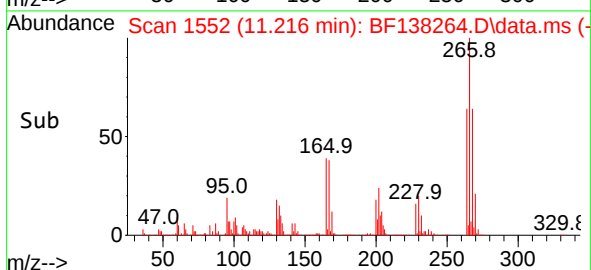
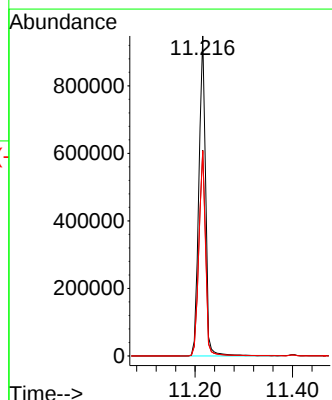
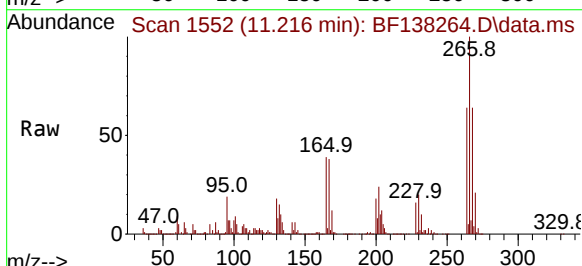
Tgt Ion:266 Resp: 923375

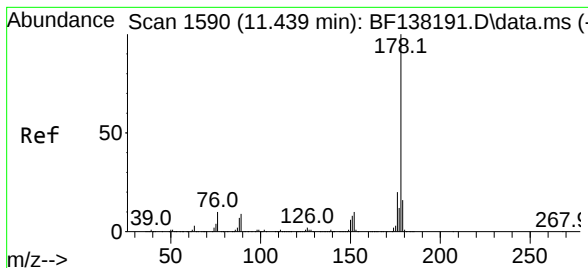
Ion Ratio Lower Upper

266 100

268 64.3 49.5 74.3

264 64.0 49.2 73.8

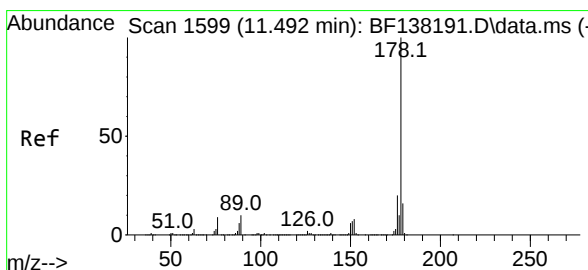
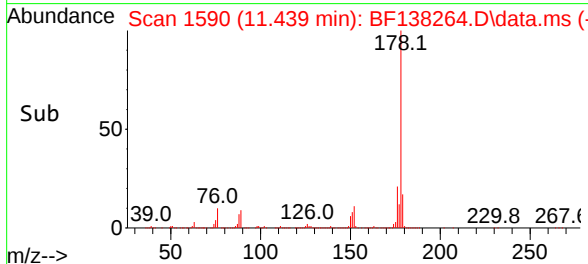
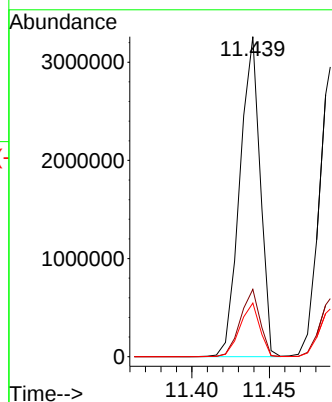
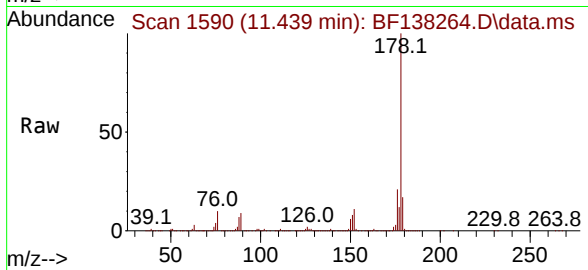




#71
Phenanthrene
Concen: 39.336 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

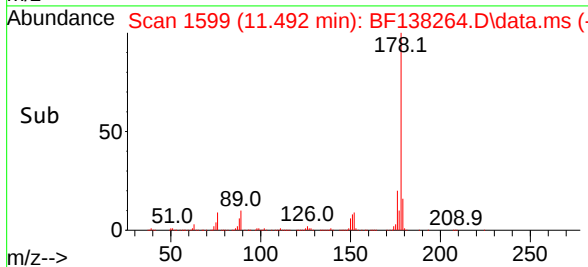
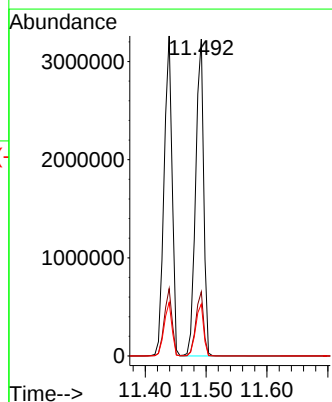
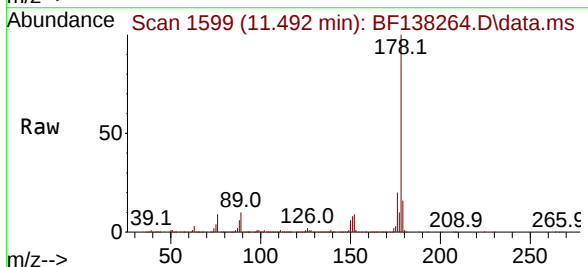
Instrument :
BNA_F
ClientSampleId :
PB161609BS

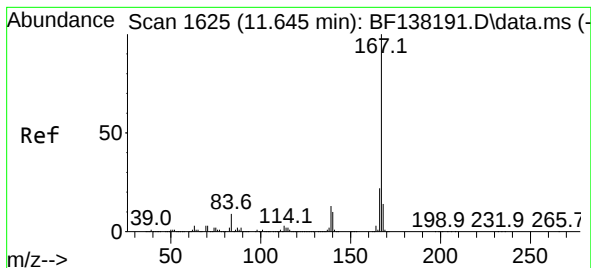
Tgt Ion:178 Resp: 2974729
Ion Ratio Lower Upper
178 100
176 21.1 16.4 24.6
179 16.8 13.1 19.7



#72
Anthracene
Concen: 39.425 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion:178 Resp: 2960126
Ion Ratio Lower Upper
178 100
176 20.3 15.7 23.5
179 16.4 13.0 19.6





#73

Carbazole

Concen: 39.018 ng

RT: 11.645 min Scan# 1625

Delta R.T. -0.000 min

Lab File: BF138264.D

Acq: 20 Jun 2024 16:05

Instrument :

BNA_F

ClientSampleId :

PB161609BS

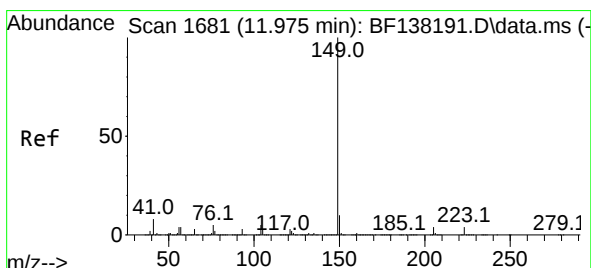
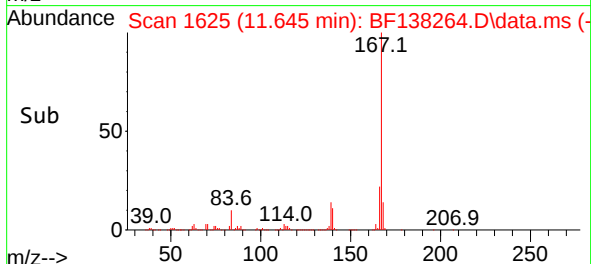
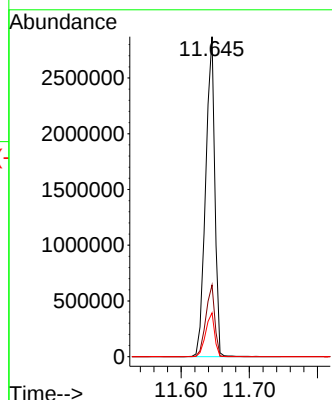
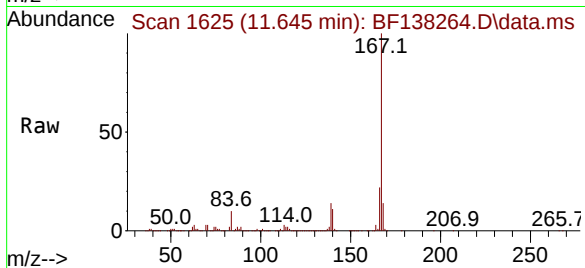
Tgt Ion:167 Resp: 2686962

Ion Ratio Lower Upper

167 100

166 22.4 18.0 27.0

139 13.7 10.6 16.0



#74

Di-n-butylphthalate

Concen: 43.849 ng

RT: 11.975 min Scan# 1681

Delta R.T. -0.000 min

Lab File: BF138264.D

Acq: 20 Jun 2024 16:05

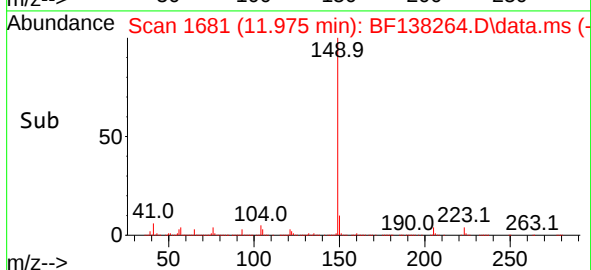
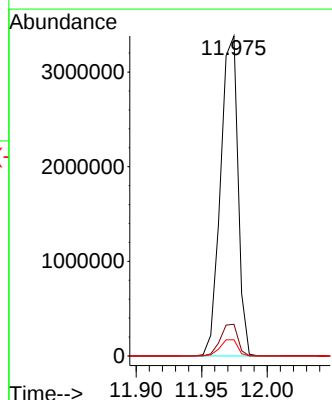
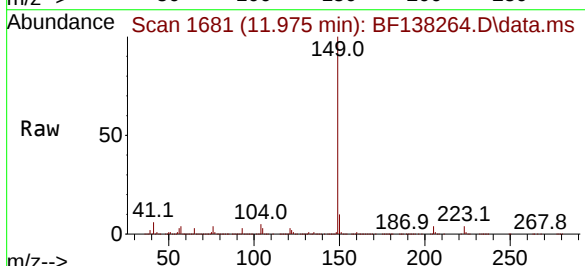
Tgt Ion:149 Resp: 3126103

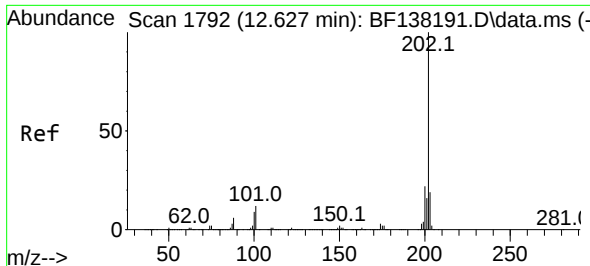
Ion Ratio Lower Upper

149 100

150 9.9 8.2 12.2

104 5.1 4.1 6.1

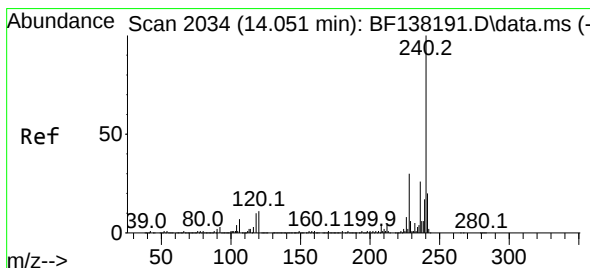
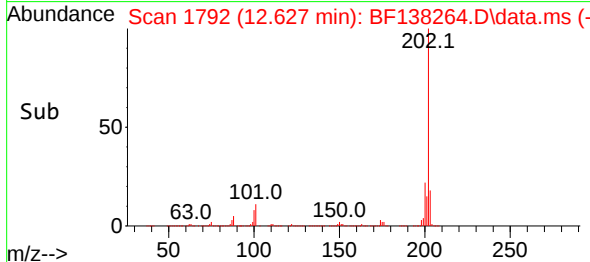
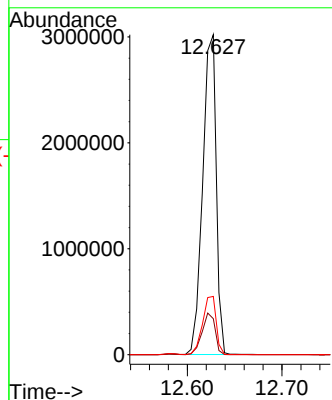
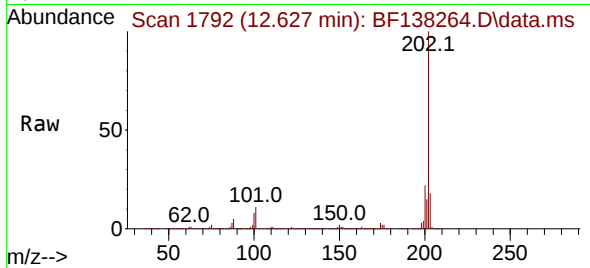




#75
Fluoranthene
Concen: 38.963 ng
RT: 12.627 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

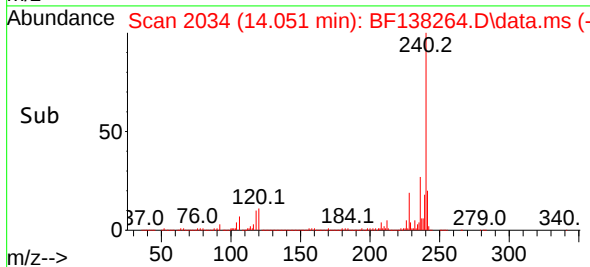
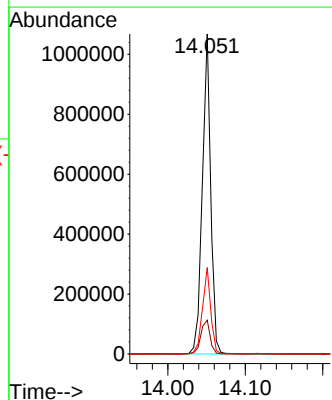
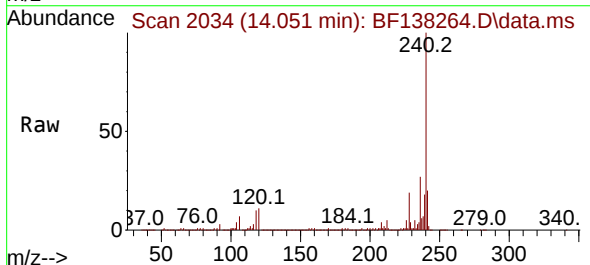
Instrument :
BNA_F
ClientSampleId :
PB161609BS

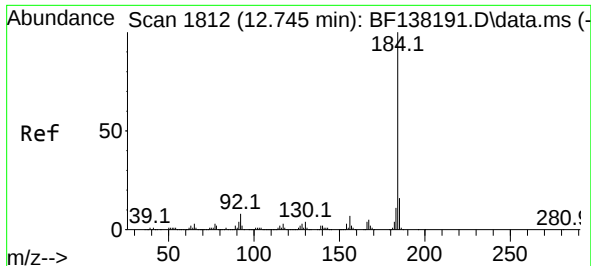
Tgt Ion:202 Resp: 3004623
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.8
203 18.2 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion:240 Resp: 801578
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 27.0 21.0 31.6

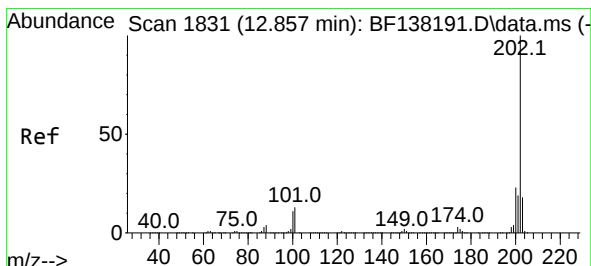
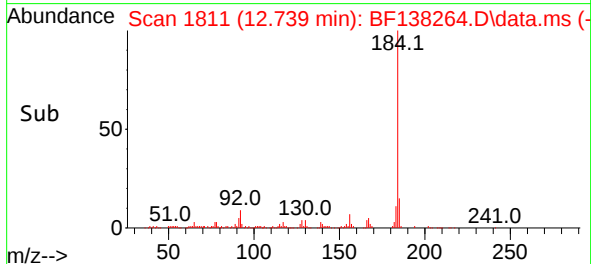
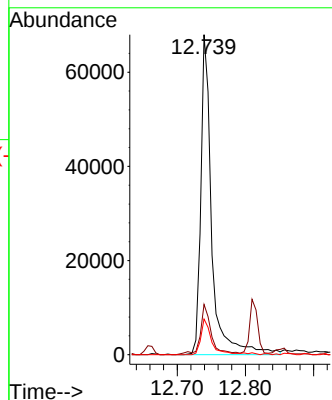
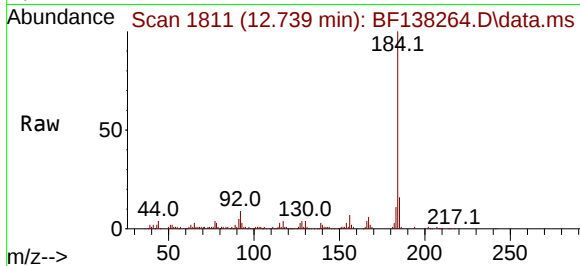




#77
Benzidine
Concen: 8.161 ng
RT: 12.739 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

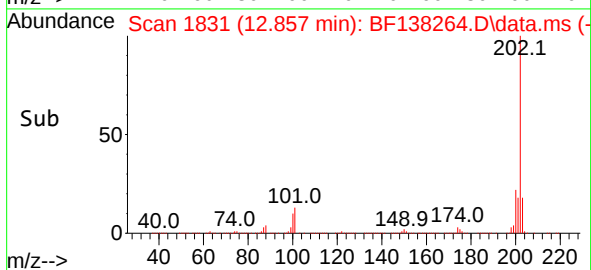
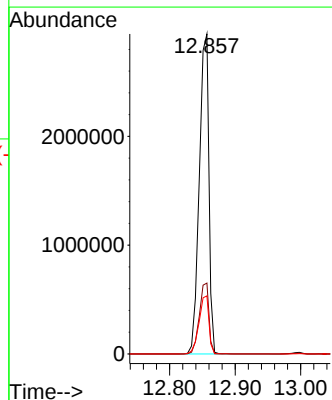
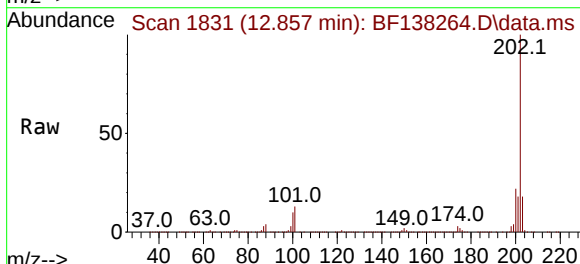
Instrument :
BNA_F
ClientSampleId :
PB161609BS

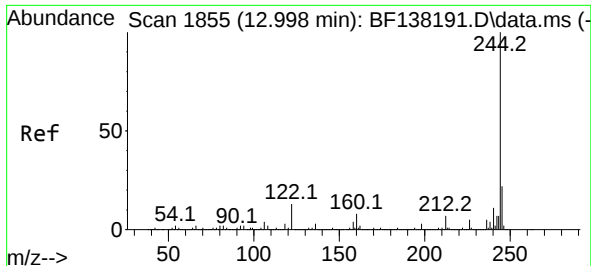
Tgt Ion:184 Resp: 75667
Ion Ratio Lower Upper
184 100
185 15.7 12.6 19.0
183 11.2 9.0 13.6



#78
Pyrene
Concen: 43.459 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BF138264.D
Acq: 20 Jun 2024 16:05

Tgt Ion:202 Resp: 3004799
Ion Ratio Lower Upper
202 100
200 22.2 18.0 27.0
203 18.2 14.7 22.1

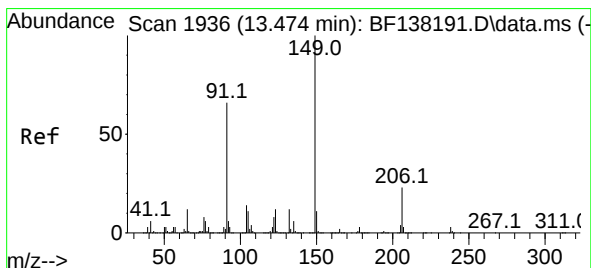
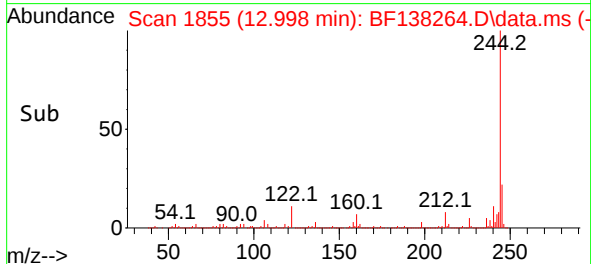
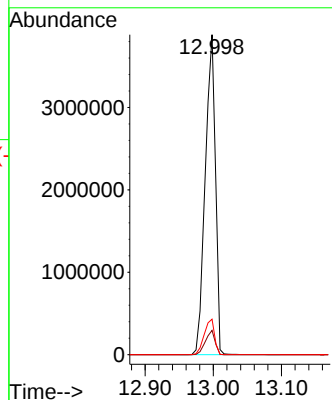
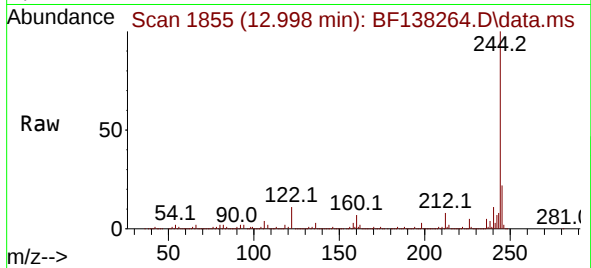




#79
 Terphenyl-d14
 Concen: 79.945 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. 0.000 min
 Lab File: BF138264.D
 Acq: 20 Jun 2024 16:05

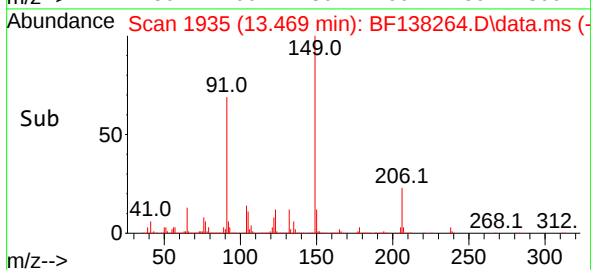
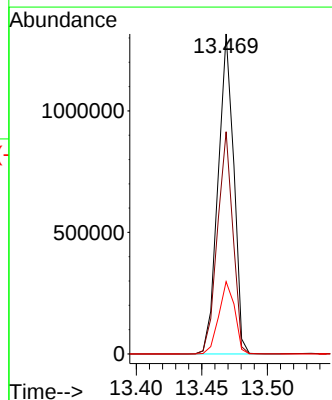
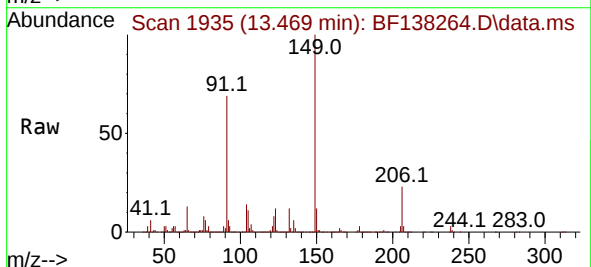
Instrument :
 BNA_F
 ClientSampleId :
 PB161609BS

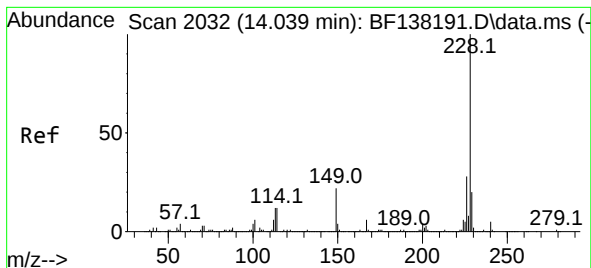
Tgt Ion:244 Resp: 4046015
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 11.1 10.6 15.8



#80
 Butylbenzylphthalate
 Concen: 58.089 ng
 RT: 13.469 min Scan# 1935
 Delta R.T. -0.006 min
 Lab File: BF138264.D
 Acq: 20 Jun 2024 16:05

Tgt Ion:149 Resp: 1092469
 Ion Ratio Lower Upper
 149 100
 91 69.5 53.2 79.8
 206 22.6 18.6 27.8





#81

Benzo(a)anthracene

Concen: 42.455 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF138264.D

Acq: 20 Jun 2024 16:05

Instrument :

BNA_F

ClientSampleId :

PB161609BS

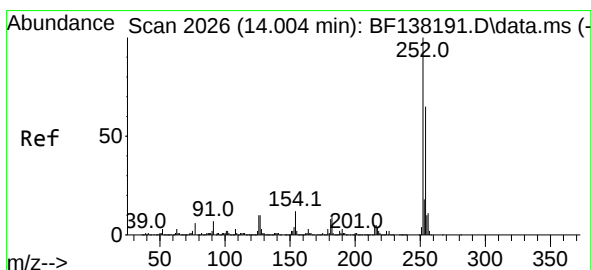
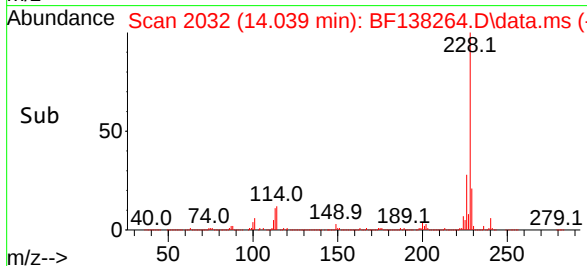
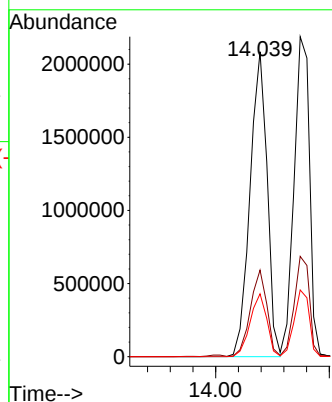
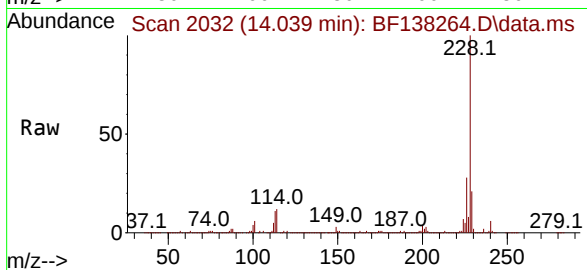
Tgt Ion:228 Resp: 2183263

Ion Ratio Lower Upper

228 100

226 28.4 22.5 33.7

229 20.6 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 42.848 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF138264.D

Acq: 20 Jun 2024 16:05

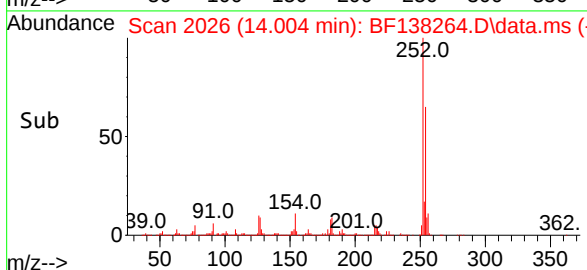
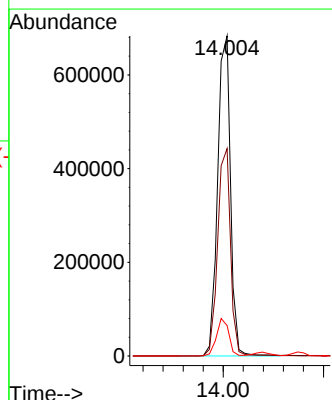
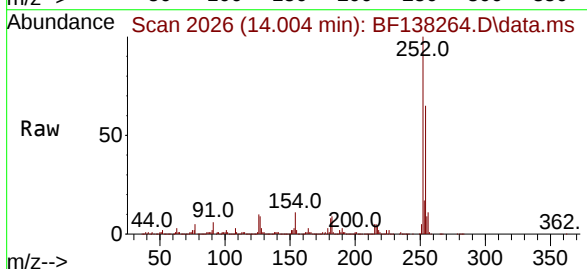
Tgt Ion:252 Resp: 606795

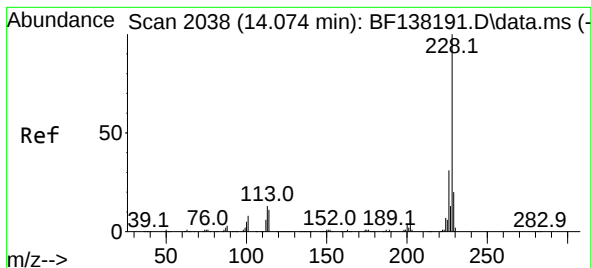
Ion Ratio Lower Upper

252 100

254 64.8 51.8 77.6

126 9.5 8.3 12.5





#83

Chrysene

Concen: 42.173 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF138264.D

Acq: 20 Jun 2024 16:05

Instrument :

BNA_F

ClientSampleId :

PB161609BS

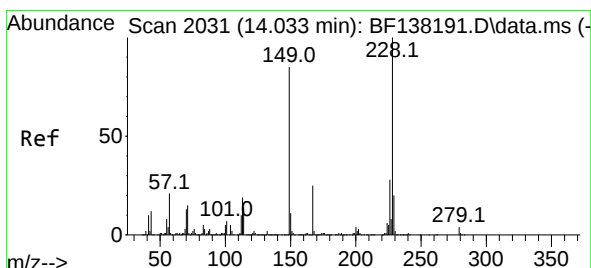
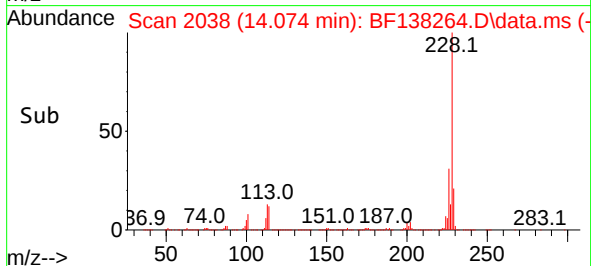
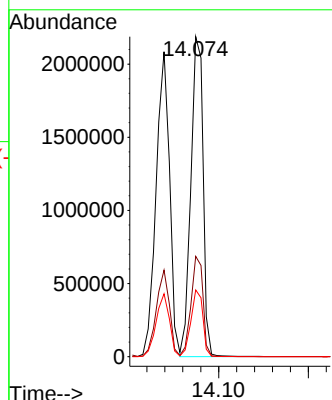
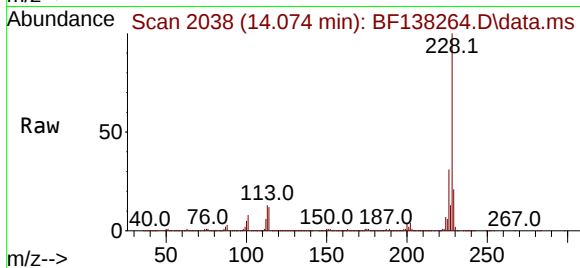
Tgt Ion:228 Resp: 2067194

Ion Ratio Lower Upper

228 100

226 31.4 24.5 36.7

229 20.9 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.548 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138264.D

Acq: 20 Jun 2024 16:05

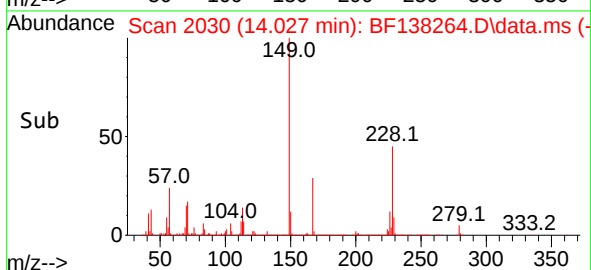
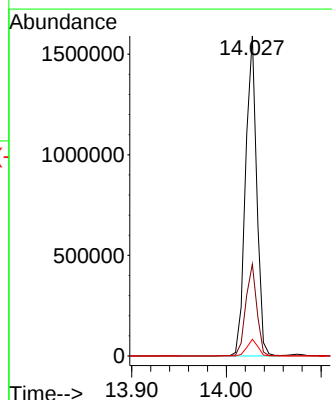
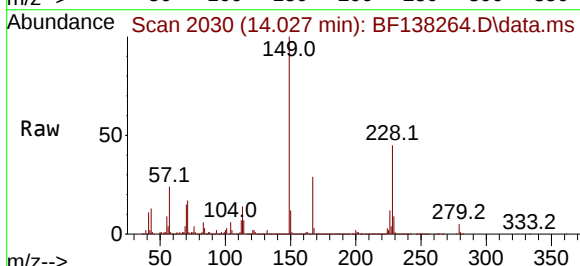
Tgt Ion:149 Resp: 1302539

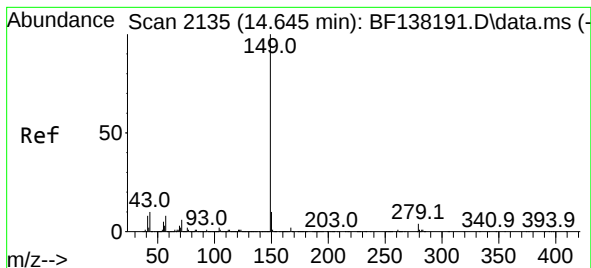
Ion Ratio Lower Upper

149 100

167 28.7 23.5 35.3

279 5.2 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 65.311 ng

RT: 14.639 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF138264.D

Acq: 20 Jun 2024 16:05

Instrument :

BNA_F

ClientSampleId :

PB161609BS

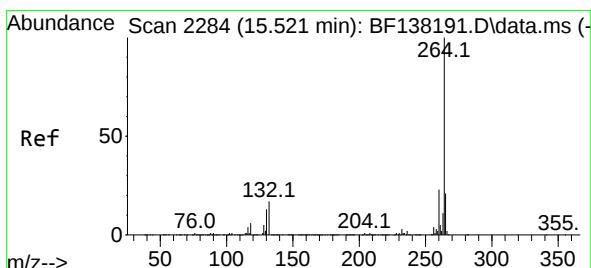
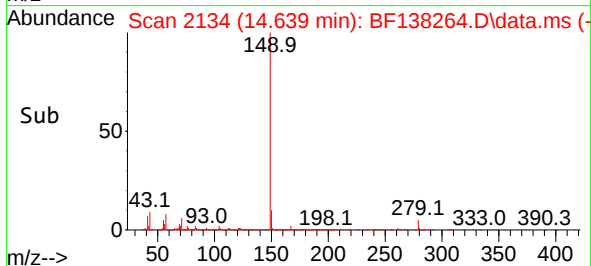
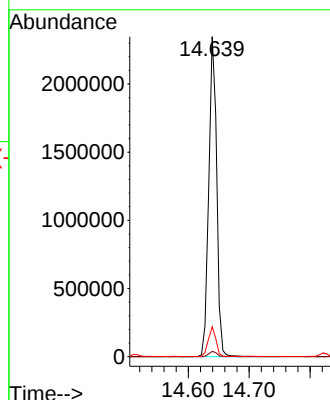
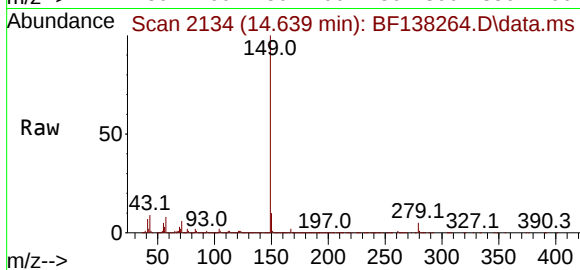
Tgt Ion:149 Resp: 2122303

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.0 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2284

Delta R.T. -0.000 min

Lab File: BF138264.D

Acq: 20 Jun 2024 16:05

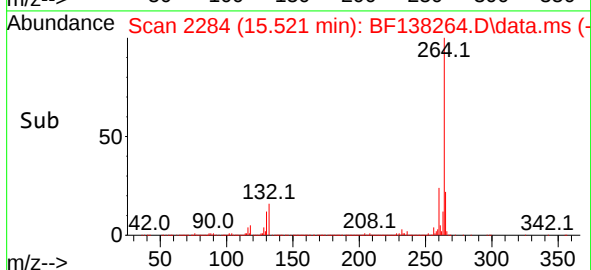
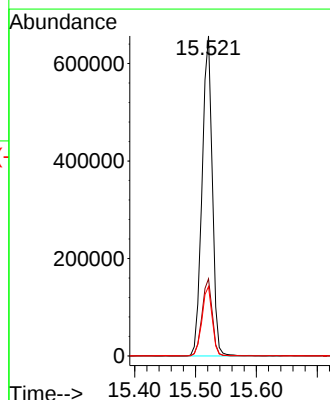
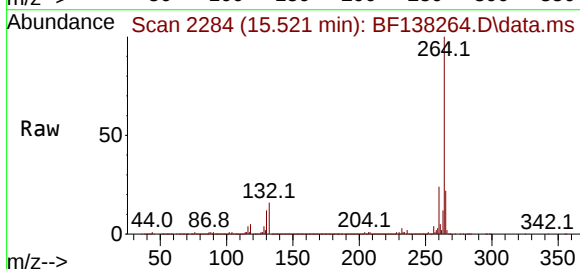
Tgt Ion:264 Resp: 769413

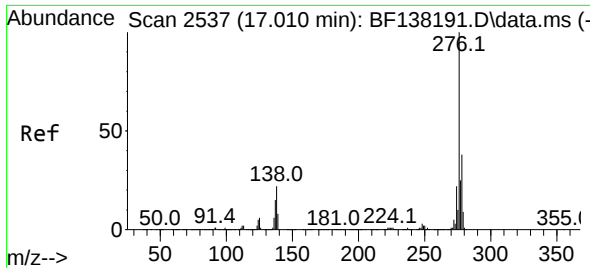
Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.7 17.0 25.6

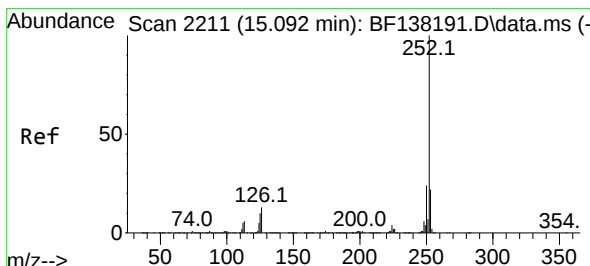
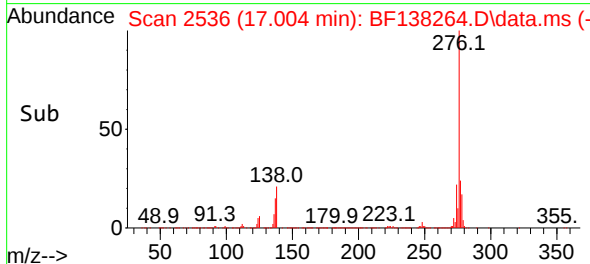
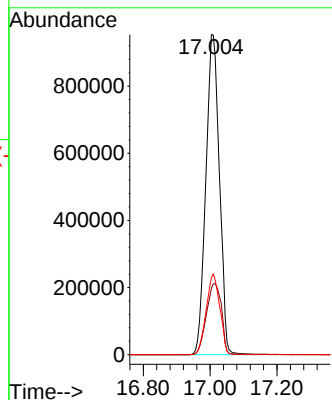
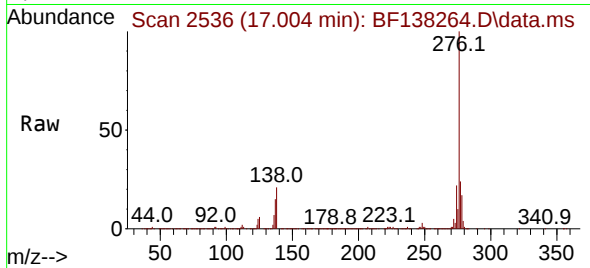




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.670 ng
 RT: 17.004 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138264.D
 Acq: 20 Jun 2024 16:05

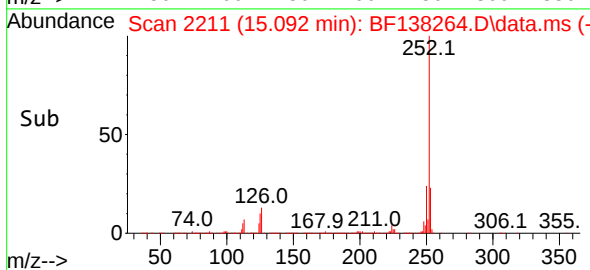
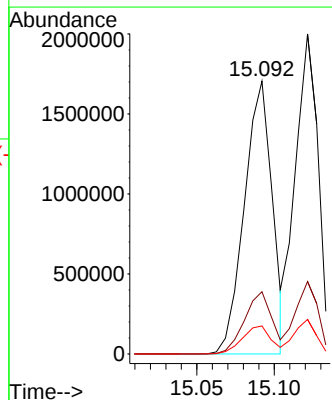
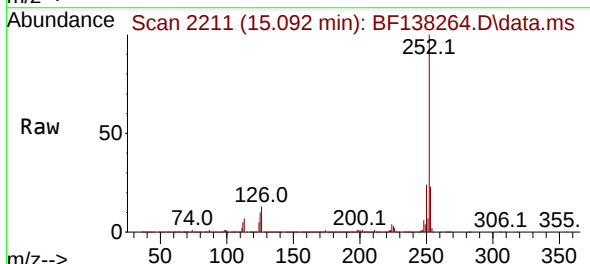
Instrument :
 BNA_F
 ClientSampleId :
 PB161609BS

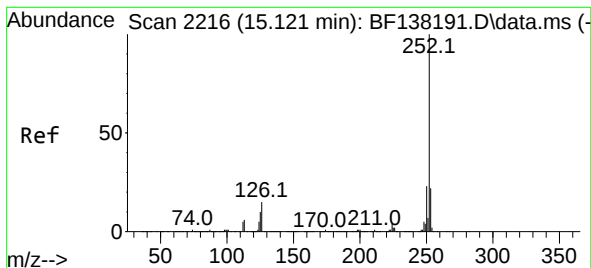
Tgt Ion:276 Resp: 2691999
 Ion Ratio Lower Upper
 276 100
 138 24.5 19.3 28.9
 277 25.4 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 46.985 ng
 RT: 15.092 min Scan# 2211
 Delta R.T. -0.000 min
 Lab File: BF138264.D
 Acq: 20 Jun 2024 16:05

Tgt Ion:252 Resp: 2131860
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.7 26.5
 125 10.3 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 46.575 ng

RT: 15.121 min Scan# 2216

Delta R.T. -0.000 min

Lab File: BF138264.D

Acq: 20 Jun 2024 16:05

Instrument :

BNA_F

ClientSampleId :

PB161609BS

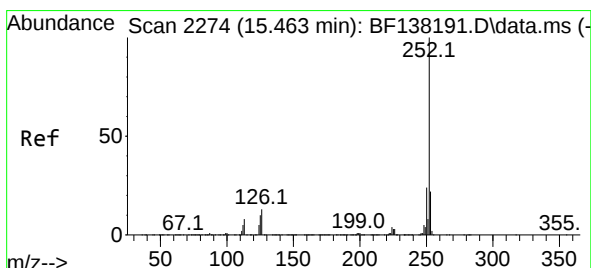
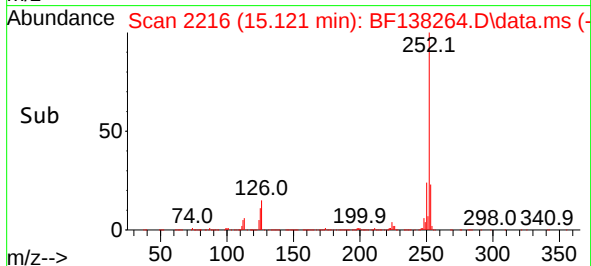
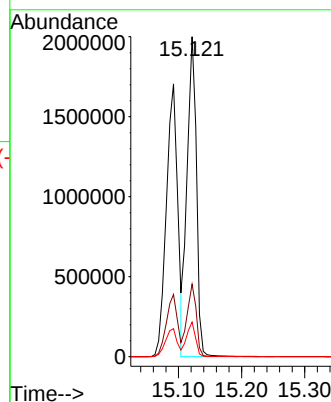
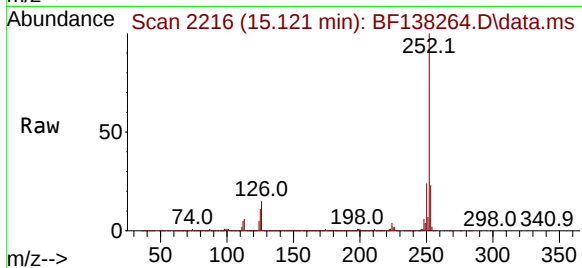
Tgt Ion:252 Resp: 2071057

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

125 10.8 8.0 12.0



#90

Benzo(a)pyrene

Concen: 50.782 ng

RT: 15.463 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF138264.D

Acq: 20 Jun 2024 16:05

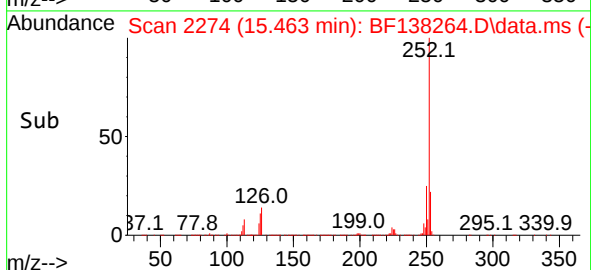
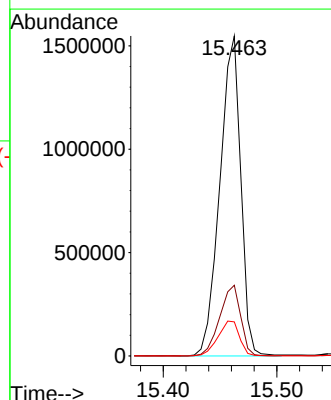
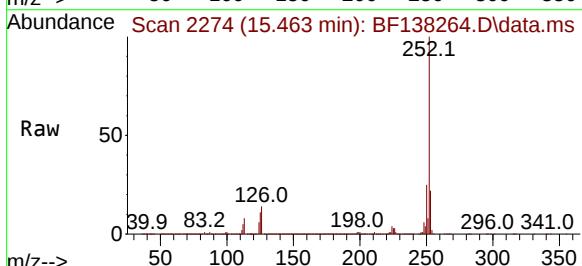
Tgt Ion:252 Resp: 1979465

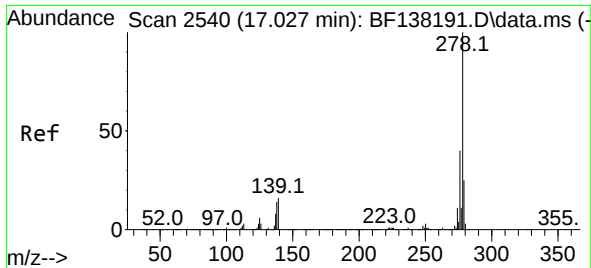
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.7 8.2 12.2

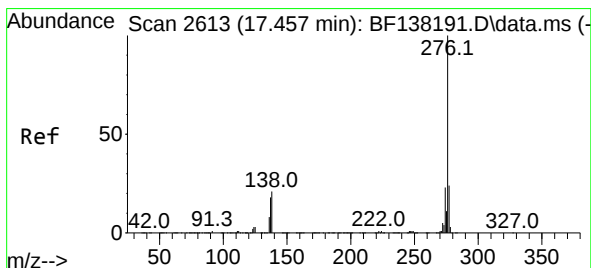
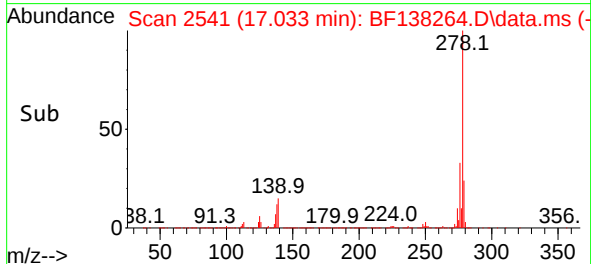
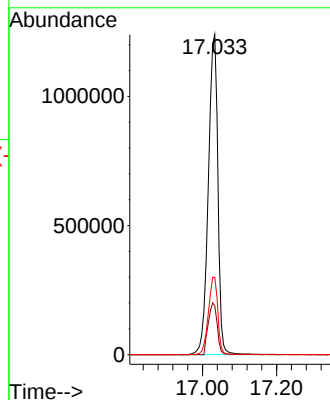
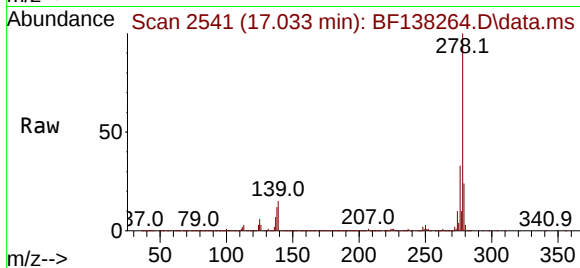




#91
 Dibenzo(a,h)anthracene
 Concen: 54.071 ng
 RT: 17.033 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF138264.D
 Acq: 20 Jun 2024 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB161609BS

Tgt Ion:278 Resp: 2226122
 Ion Ratio Lower Upper
 278 100
 139 15.3 12.9 19.3
 279 24.2 19.9 29.9



#92
 Benzo(g,h,i)perylene
 Concen: 50.276 ng
 RT: 17.462 min Scan# 2614
 Delta R.T. 0.006 min
 Lab File: BF138264.D
 Acq: 20 Jun 2024 16:05

Tgt Ion:276 Resp: 2141332
 Ion Ratio Lower Upper
 276 100
 277 24.5 19.5 29.3
 138 21.5 16.6 24.8

