

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
 Data File : BF138693.D
 Acq On : 31 Jul 2024 10:00
 Operator : RC/JU
 Sample : PB162290BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162290BS

Quant Time: Jul 31 11:10:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	87633	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	366314	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	202367	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	350823	20.000	ng	0.00
76) Chrysene-d12	14.010	240	171807	20.000	ng	0.00
86) Perylene-d12	15.468	264	168029	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	692669	122.013	ng	0.01
7) Phenol-d6	6.487	99	938433	123.122	ng	0.00
23) Nitrobenzene-d5	7.410	82	614620	82.032	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	219182	132.224	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1070769	79.500	ng	0.00
79) Terphenyl-d14	12.951	244	1063623	103.651	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.711	88	89445	35.988	ng	99
3) Pyridine	3.458	79	232490	38.615	ng	97
4) n-Nitrosodimethylamine	3.422	42	170469	47.539	ng	99
6) Aniline	6.510	93	242355	35.654	ng	# 70
8) 2-Chlorophenol	6.634	128	284107	47.567	ng	98
9) Benzaldehyde	6.398	77	16253	3.557	ng	93
10) Phenol	6.504	94	370151	46.125	ng	91
11) bis(2-Chloroethyl)ether	6.587	93	281052	45.511	ng	98
12) 1,3-Dichlorobenzene	6.787	146	287599	43.016	ng	100
13) 1,4-Dichlorobenzene	6.863	146	292756	43.389	ng	99
14) 1,2-Dichlorobenzene	7.016	146	279908	44.389	ng	99
15) Benzyl Alcohol	6.993	79	264162	48.086	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	482753	45.424	ng	82
17) 2-Methylphenol	7.104	107	225693	45.761	ng	94
18) Hexachloroethane	7.351	117	110187	43.384	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	215166	46.740	ng	97
20) 3+4-Methylphenols	7.257	107	286685	45.304	ng	# 89
22) Acetophenone	7.257	105	368409	41.075	ng	97
24) Nitrobenzene	7.434	77	321722	42.198	ng	98
25) Isophorone	7.669	82	585536	45.768	ng	99
26) 2-Nitrophenol	7.745	139	154729	47.172	ng	99
27) 2,4-Dimethylphenol	7.787	122	208627	53.160	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	348182	44.691	ng	99
29) 2,4-Dichlorophenol	7.992	162	233553	46.312	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	250300	43.009	ng	99
31) Naphthalene	8.151	128	838145	43.469	ng	100
32) Benzoic acid	7.928	122	124913	40.491	ng	98
33) 4-Chloroaniline	8.198	127	181466	28.037	ng	98
34) Hexachlorobutadiene	8.263	225	145905	41.391	ng	98
35) Caprolactam	8.581	113	37058	24.627	ng	97
36) 4-Chloro-3-methylphenol	8.687	107	269190	46.707	ng	99
37) 2-Methylnaphthalene	8.839	142	540297	44.369	ng	100
38) 1-Methylnaphthalene	8.940	142	498358	41.764	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	225309	40.080	ng	99
41) Hexachlorocyclopentadiene	8.987	237	196503	127.531	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	153145	44.681	ng	98

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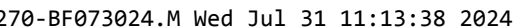
Instrument :
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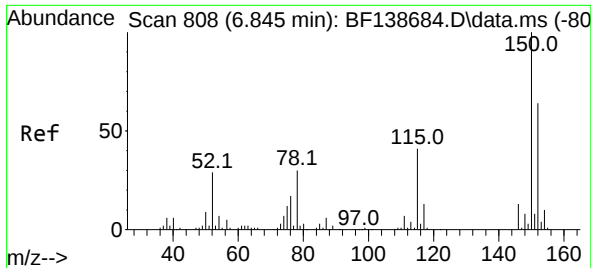
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	163145	43.540	ng	98
46) 1,1'-Biphenyl	9.304	154	635397	40.090	ng	99
47) 2-Chloronaphthalene	9.328	162	502684	42.646	ng	99
48) 2-Nitroaniline	9.428	65	185032	46.303	ng	98
49) Acenaphthylene	9.745	152	795663	47.593	ng	99
50) Dimethylphthalate	9.610	163	611969	47.294	ng	100
51) 2,6-Dinitrotoluene	9.675	165	135898	46.537	ng	99
52) Acenaphthene	9.916	154	484494	43.111	ng	99
53) 3-Nitroaniline	9.839	138	90907	30.113	ng	98
54) 2,4-Dinitrophenol	9.957	184	135537	100.825	ng	95
55) Dibenzofuran	10.092	168	709243	44.708	ng	100
56) 4-Nitrophenol	10.016	139	183626	101.149	ng	99
57) 2,4-Dinitrotoluene	10.081	165	175787	47.182	ng	92
58) Fluorene	10.434	166	567430	44.916	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	141660	49.451	ng	99
60) Diethylphthalate	10.310	149	593177	48.348	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	274930	44.250	ng	98
62) 4-Nitroaniline	10.463	138	134270	46.802	ng	100
63) Azobenzene	10.581	77	637914	46.880	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	103353	48.289	ng	99
66) n-Nitrosodiphenylamine	10.545	169	493568	45.009	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	166243	43.768	ng	98
68) Hexachlorobenzene	10.981	284	171916	43.836	ng	96
69) Atrazine	11.075	200	146756	51.871	ng	99
70) Pentachlorophenol	11.181	266	164528	93.074	ng	98
71) Phenanthrene	11.398	178	813136	45.013	ng	99
72) Anthracene	11.445	178	834677	46.902	ng	100
73) Carbazole	11.604	167	706238	45.998	ng	99
74) Di-n-butylphthalate	11.928	149	885453	51.301	ng	100
75) Fluoranthene	12.580	202	788114	46.732	ng	100
77) Benzidine	12.704	184	104466	25.422	ng	99
78) Pyrene	12.810	202	772342	47.746	ng	99
80) Butylbenzylphthalate	13.422	149	259314	50.060	ng	99
81) Benzo(a)anthracene	13.998	228	545725	46.127	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	110908	36.632	ng	98
83) Chrysene	14.033	228	505025	47.314	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	319300	42.094	ng	100
85) Di-n-octyl phthalate	14.592	149	559678	39.880	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	559867	46.495	ng	99
88) Benzo(b)fluoranthene	15.045	252	475693	45.669	ng	99
89) Benzo(k)fluoranthene	15.074	252	459824	50.987	ng	100
90) Benzo(a)pyrene	15.410	252	439137	50.121	ng	99
91) Dibenzo(a,h)anthracene	16.957	278	451794	45.707	ng	100
92) Benzo(g,h,i)perylene	17.386	276	432264	42.142	ng	99

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

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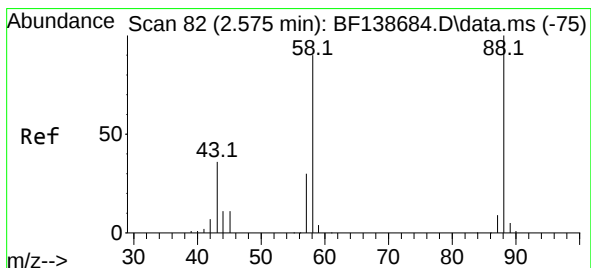
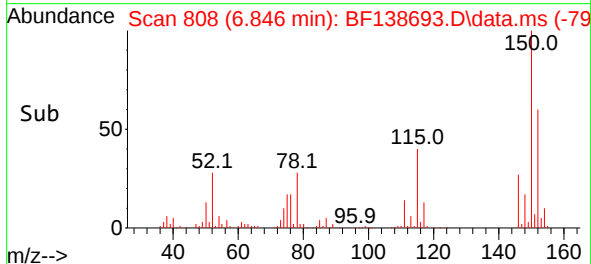
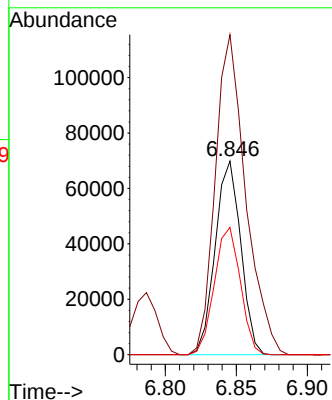
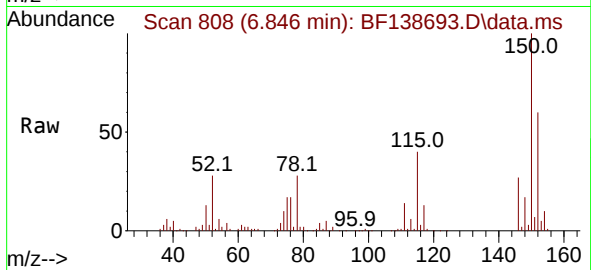




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 80
Delta R.T. 0.001 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

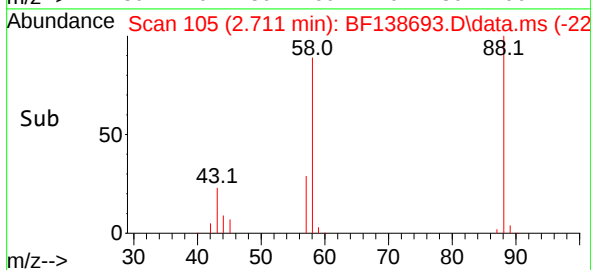
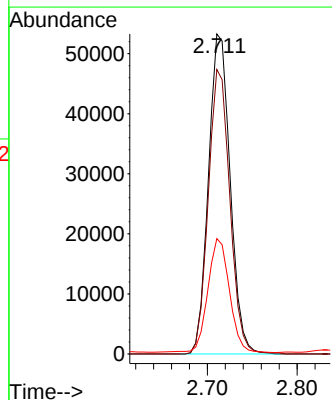
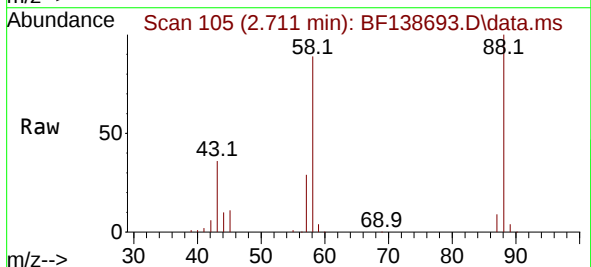
Instrument :
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PB162290BS

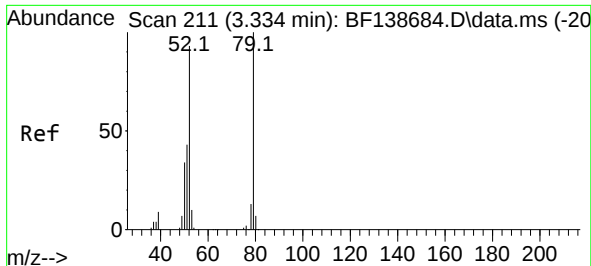
Tgt Ion:152 Resp: 87633
Ion Ratio Lower Upper
152 100
150 165.3 126.0 189.0
115 65.7 51.7 77.5



#2
1,4-Dioxane
Concen: 35.988 ng
RT: 2.711 min Scan# 105
Delta R.T. 0.135 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

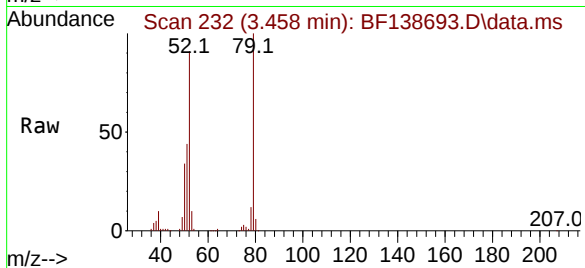
Tgt Ion: 88 Resp: 89445
Ion Ratio Lower Upper
88 100
58 88.5 71.6 107.4
43 35.5 28.7 43.1



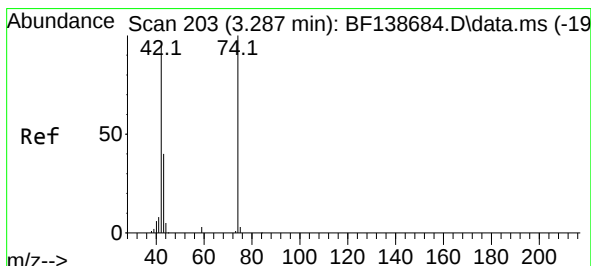
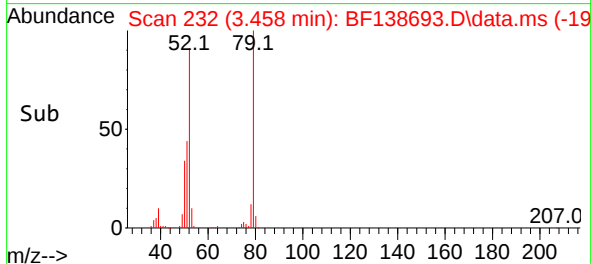
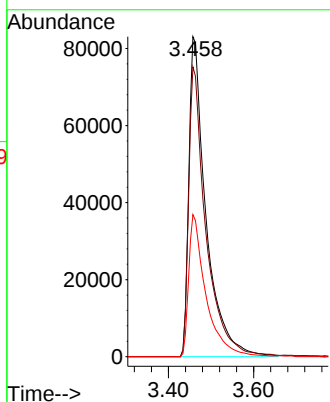


#3
Pyridine
Concen: 38.615 ng
RT: 3.458 min Scan# 211
Delta R.T. 0.124 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Instrument :
BNA_F
ClientSampleId :
PB162290BS

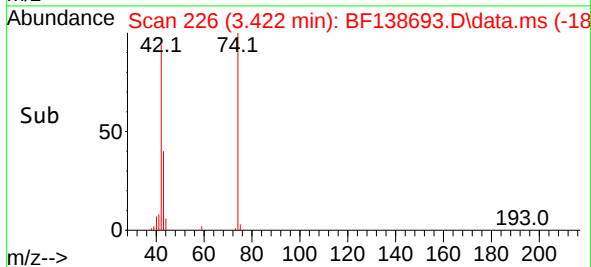
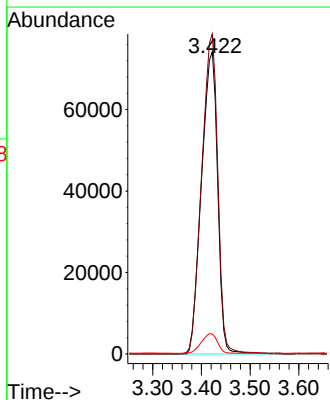
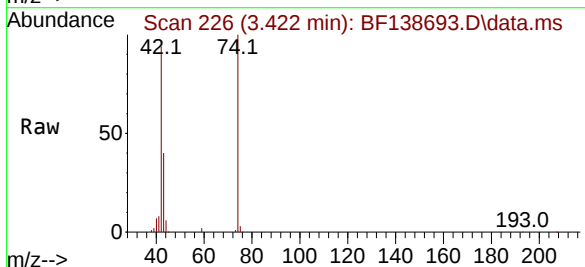


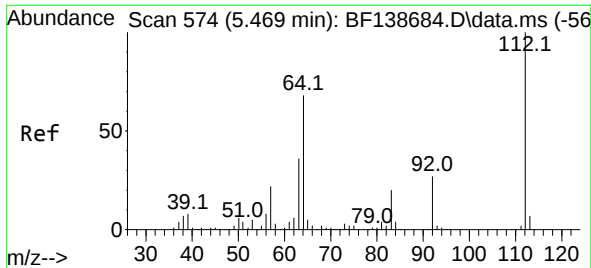
Tgt Ion: 79 Resp: 232490
Ion Ratio Lower Upper
79 100
52 90.5 74.7 112.1
51 44.4 34.6 51.8



#4
n-Nitrosodimethylamine
Concen: 47.539 ng
RT: 3.422 min Scan# 226
Delta R.T. 0.135 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion: 42 Resp: 170469
Ion Ratio Lower Upper
42 100
74 105.9 84.2 126.4
44 6.6 4.9 7.3

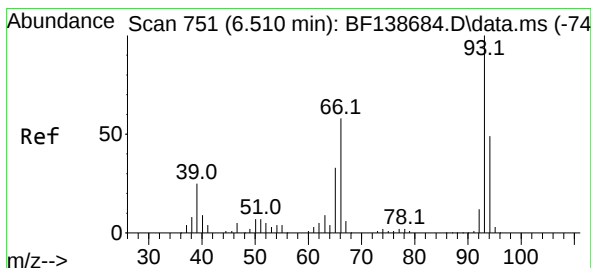
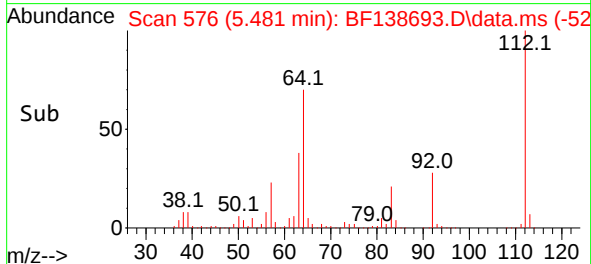
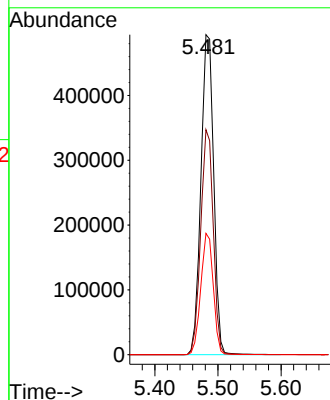
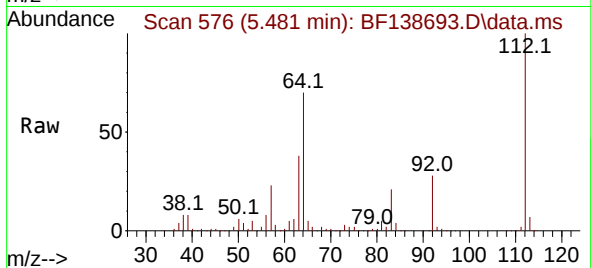




#5
2-Fluorophenol
Concen: 122.013 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

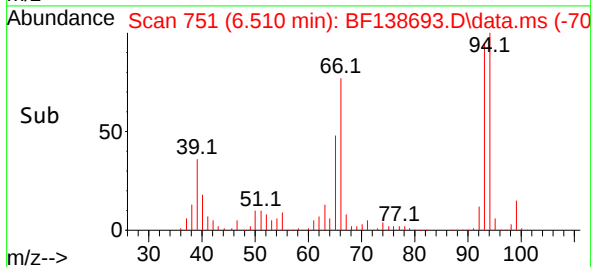
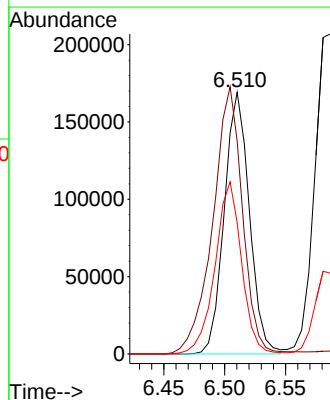
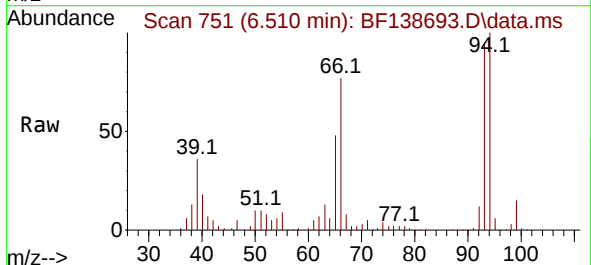
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ClientSampleId :
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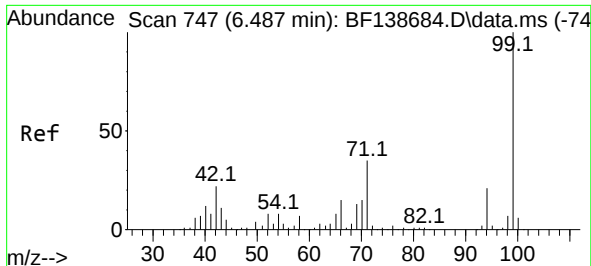
Tgt Ion:112 Resp: 692669
Ion Ratio Lower Upper
112 100
64 70.3 54.2 81.4
63 37.9 28.7 43.1



#6
Aniline
Concen: 35.654 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion: 93 Resp: 242355
Ion Ratio Lower Upper
93 100
66 81.4 46.9 70.3#
65 50.3 26.5 39.7#

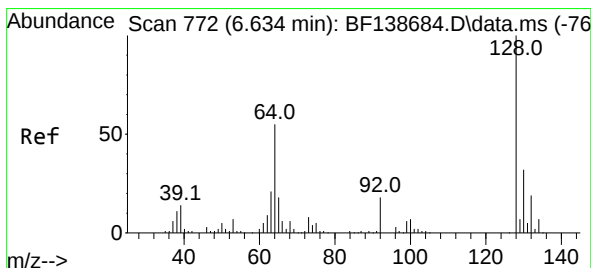
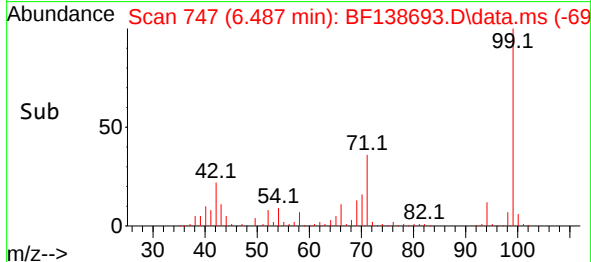
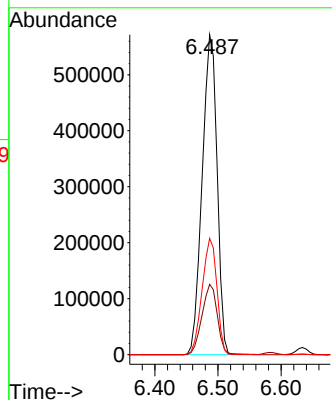
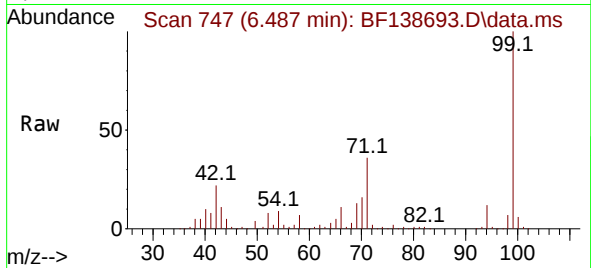




#7
Phenol-d6
Concen: 123.122 ng
RT: 6.487 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

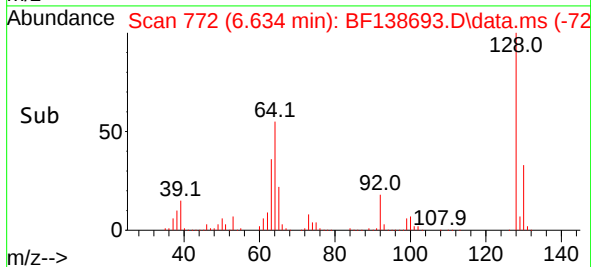
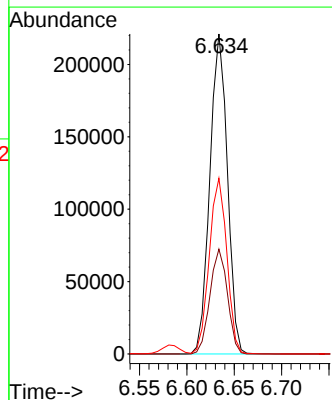
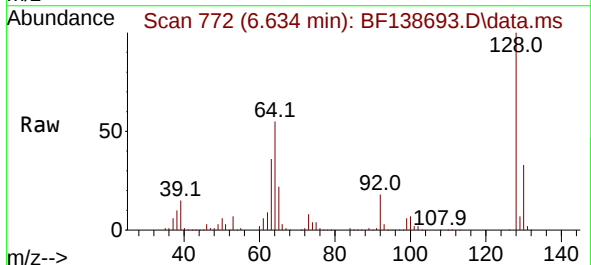
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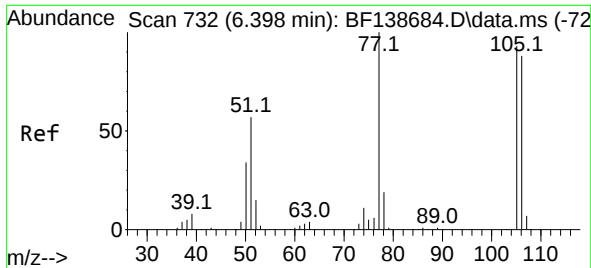
Tgt Ion: 99 Resp: 938433
Ion Ratio Lower Upper
99 100
42 22.0 17.4 26.0
71 36.4 28.1 42.1



#8
2-Chlorophenol
Concen: 47.567 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion:128 Resp: 284107
Ion Ratio Lower Upper
128 100
130 32.8 12.0 52.0
64 54.9 36.3 76.3





#9

Benzaldehyde

Concen: 3.557 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

Instrument :

BNA_F

ClientSampleId :

PB162290BS

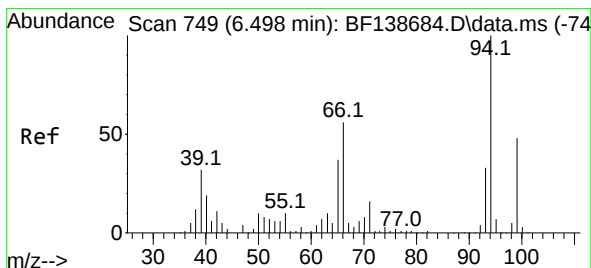
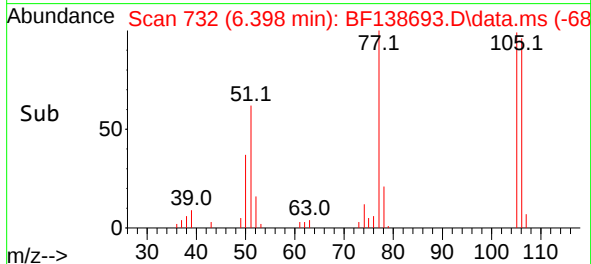
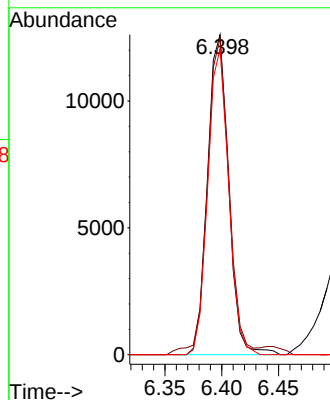
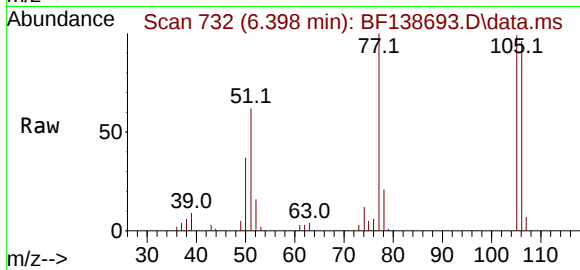
Tgt Ion: 77 Resp: 16253

Ion Ratio Lower Upper

77 100

105 99.0 72.9 112.9

106 95.6 68.4 108.4



#10

Phenol

Concen: 46.125 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

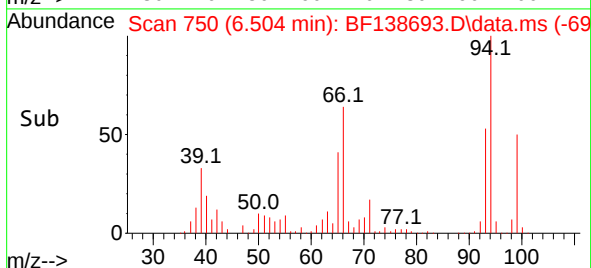
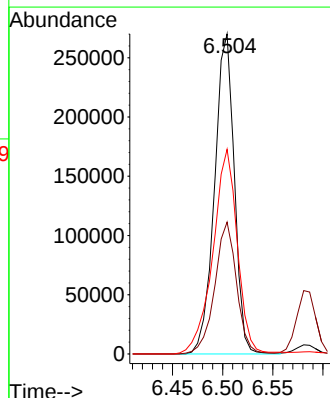
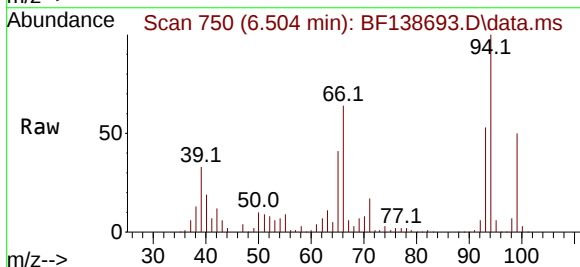
Tgt Ion: 94 Resp: 370151

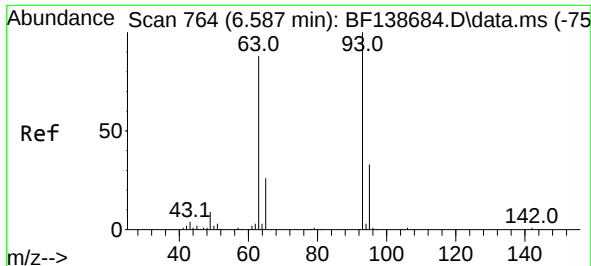
Ion Ratio Lower Upper

94 100

65 41.2 16.9 56.9

66 64.0 36.5 76.5

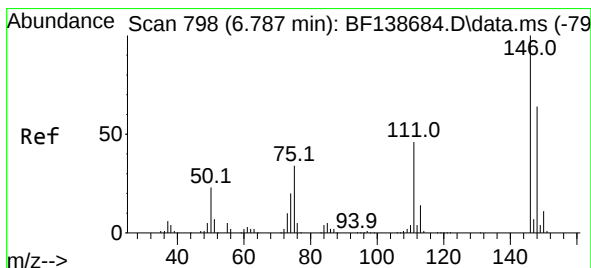
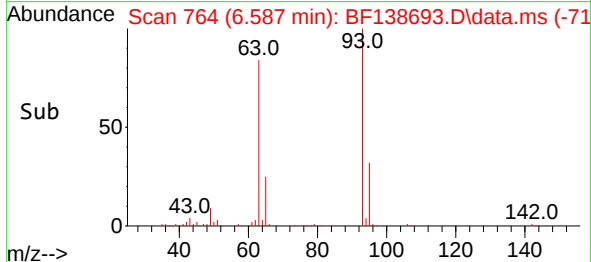
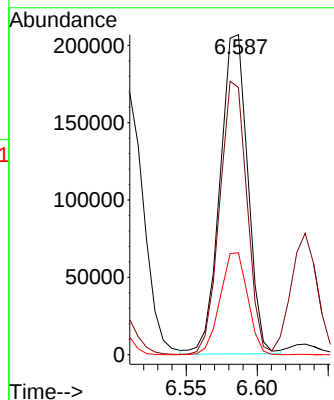
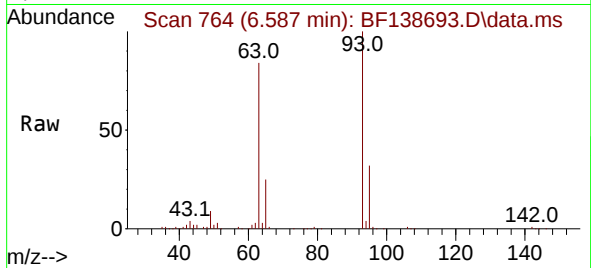




#11
bis(2-Chloroethyl)ether
Concen: 45.511 ng
RT: 6.587 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

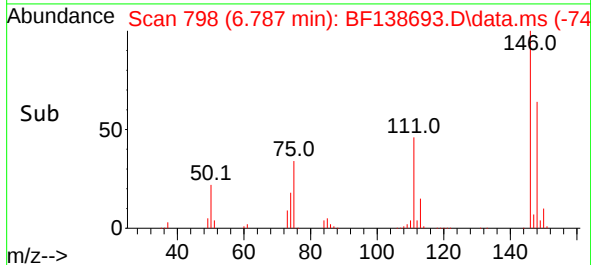
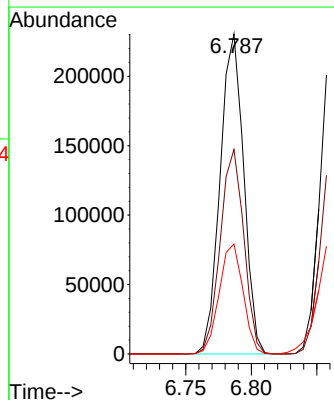
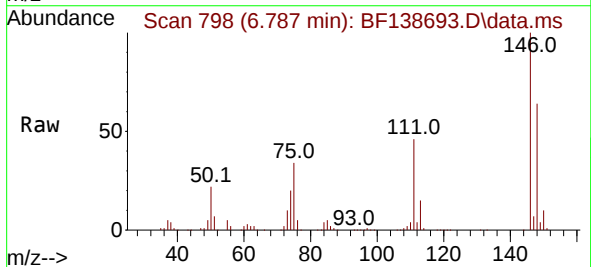
Instrument :
BNA_F
ClientSampleId :
PB162290BS

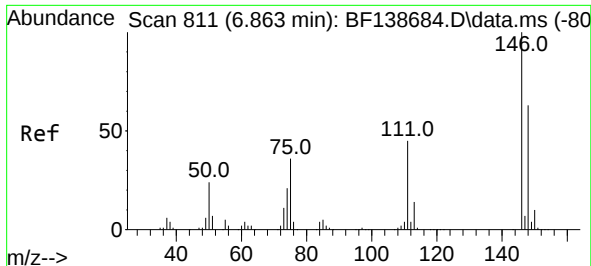
Tgt Ion: 93 Resp: 281052
Ion Ratio Lower Upper
93 100
63 83.5 65.3 105.3
95 31.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 43.016 ng
RT: 6.787 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion:146 Resp: 287599
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
75 34.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 43.389 ng

RT: 6.863 min Scan# 811

Delta R.T. 0.000 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

Instrument :

BNA_F

ClientSampleId :

PB162290BS

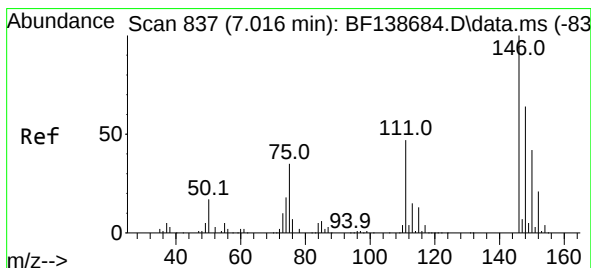
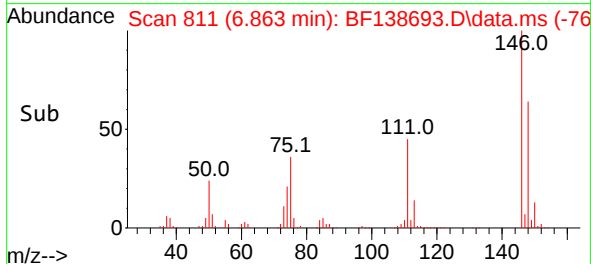
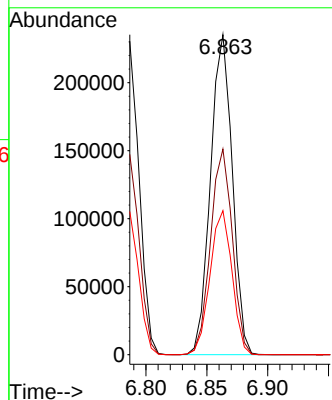
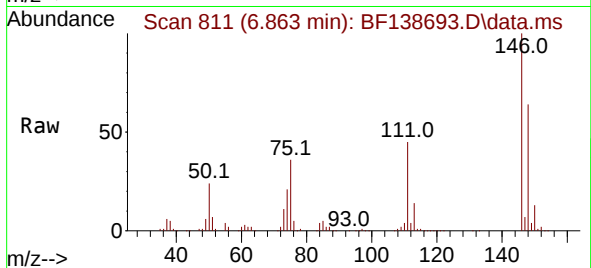
Tgt Ion:146 Resp: 292756

Ion Ratio Lower Upper

146 100

148 64.2 50.2 75.2

111 45.0 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 44.389 ng

RT: 7.016 min Scan# 837

Delta R.T. 0.000 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

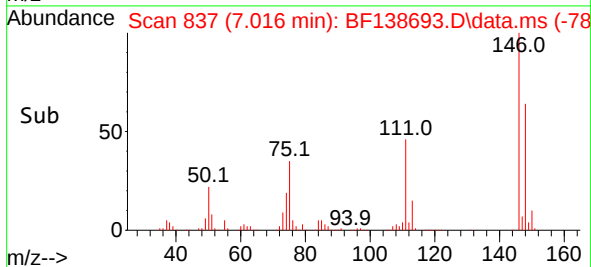
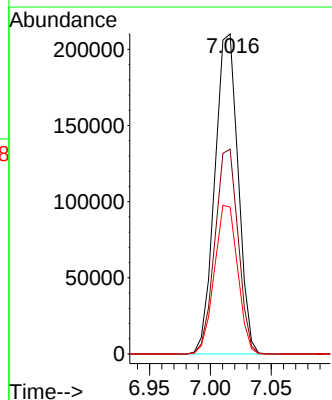
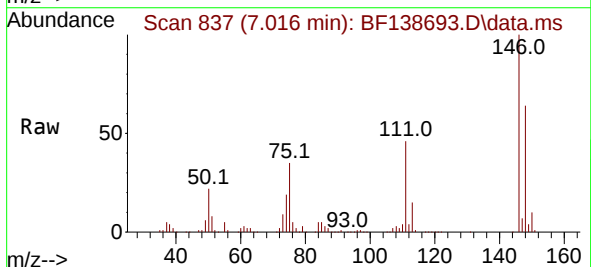
Tgt Ion:146 Resp: 279908

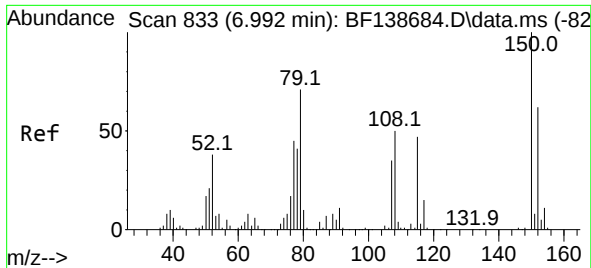
Ion Ratio Lower Upper

146 100

148 64.0 50.8 76.2

111 45.9 37.4 56.2

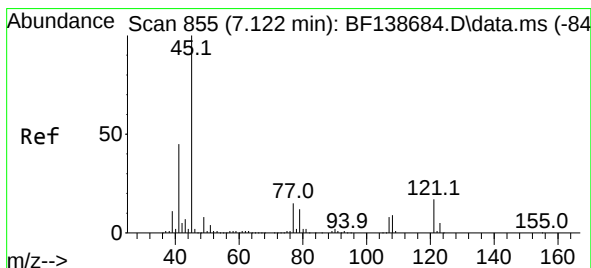
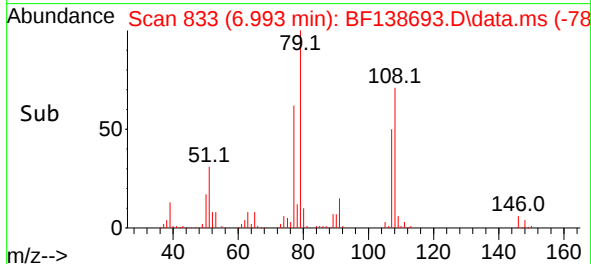
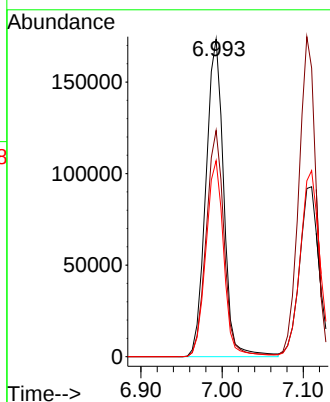
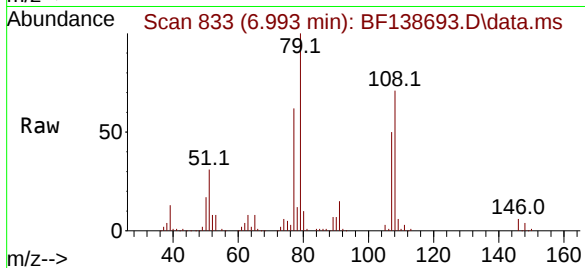




#15
Benzyl Alcohol
Concen: 48.086 ng
RT: 6.993 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

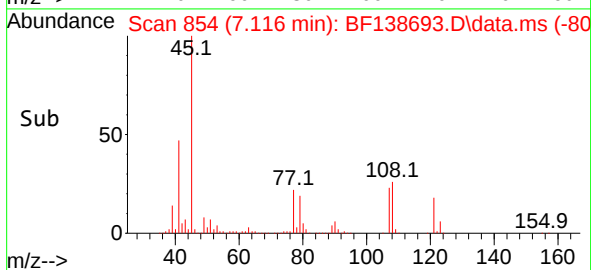
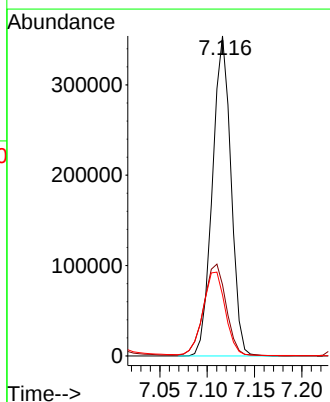
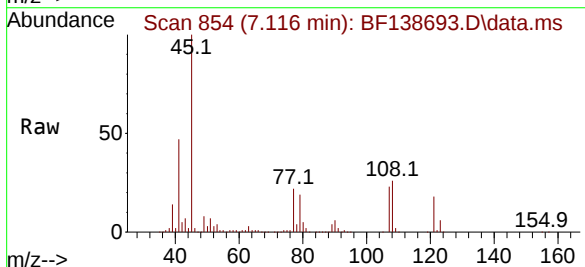
Instrument :
BNA_F
ClientSampleId :
PB162290BS

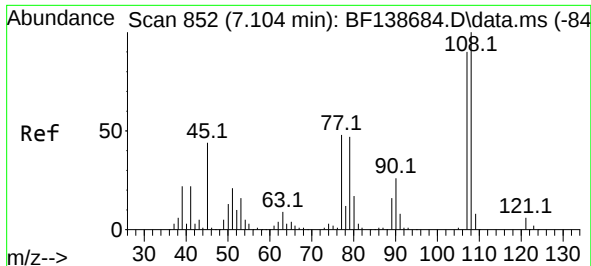
Tgt Ion: 79 Resp: 264162
Ion Ratio Lower Upper
79 100
108 71.2 56.6 85.0
77 61.7 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.424 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

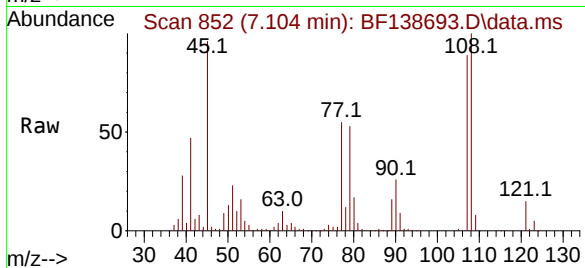
Tgt Ion: 45 Resp: 482753
Ion Ratio Lower Upper
45 100
77 22.2 0.0 34.9
79 19.0 0.0 32.2



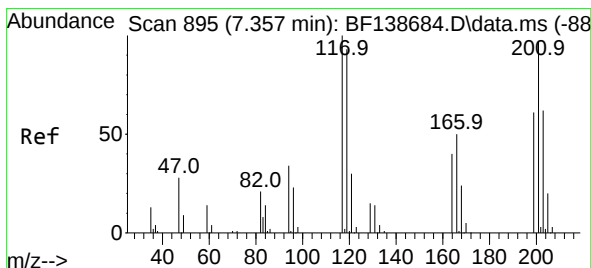
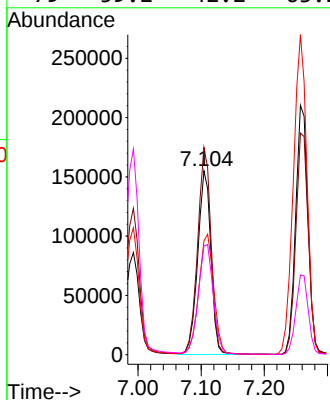
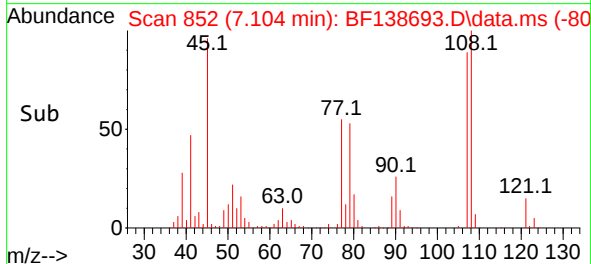


#17
2-Methylphenol
Concen: 45.761 ng
RT: 7.104 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

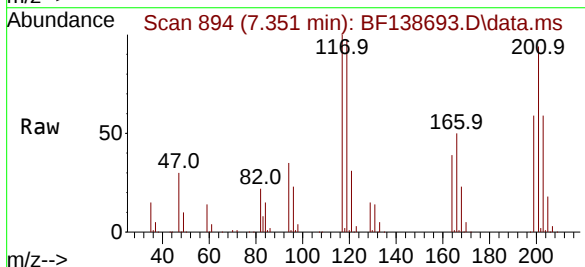
Instrument :
BNA_F
ClientSampleId :
PB162290BS



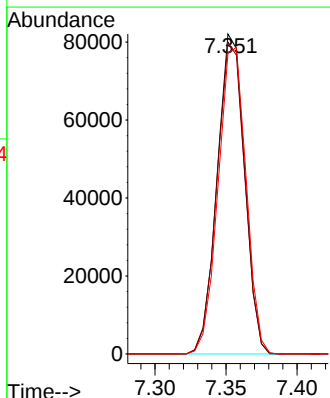
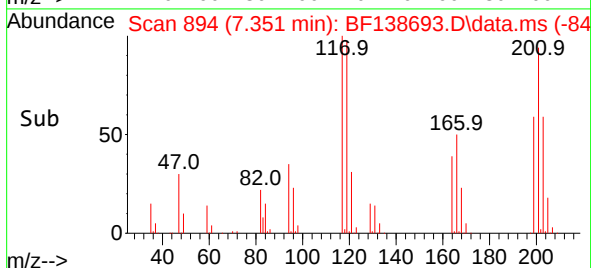
Tgt Ion:	107	Resp:	225693
Ion	Ratio	Lower	Upper
107	100		
108	112.7	89.2	133.8
77	61.9	43.0	64.4
79	59.2	42.2	63.2

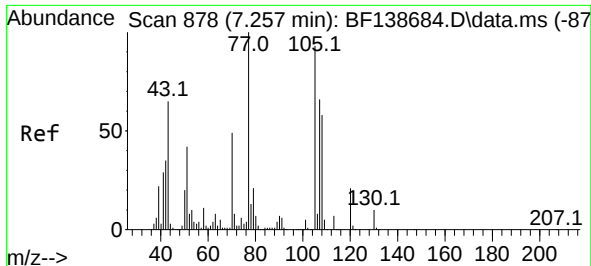


#18
Hexachloroethane
Concen: 43.384 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00



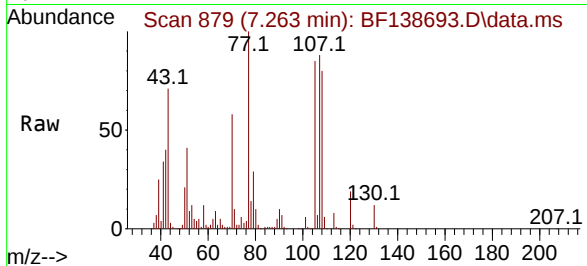
Tgt Ion:	117	Resp:	110187
Ion	Ratio	Lower	Upper
117	100		
119	97.4	74.6	111.8
201	94.0	77.2	115.8



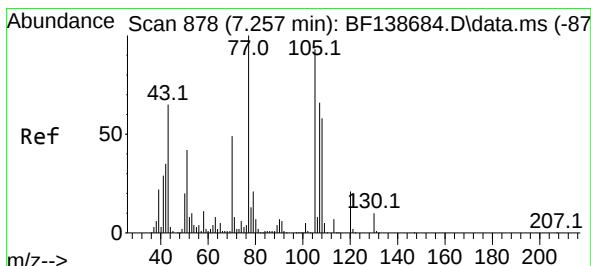
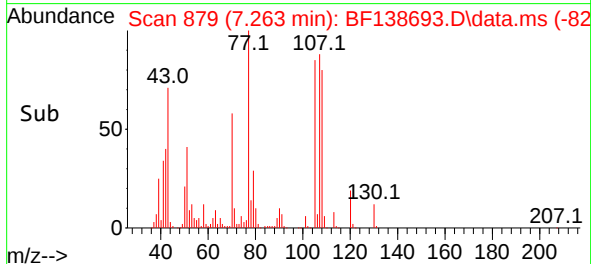
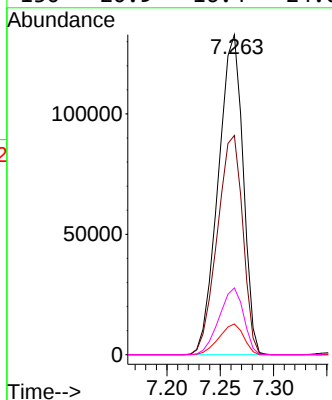


#19
n-Nitroso-di-n-propylamine
Concen: 46.740 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Instrument :
BNA_F
ClientSampleId :
PB162290BS

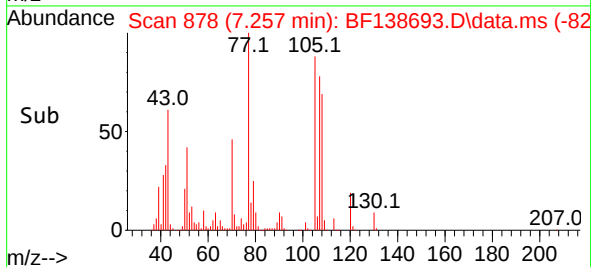
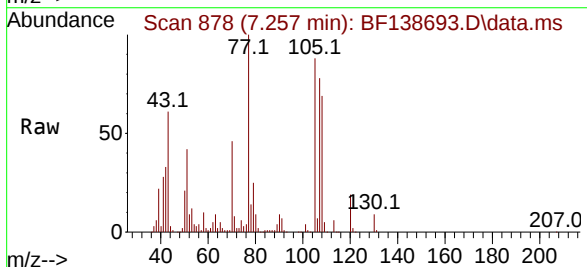
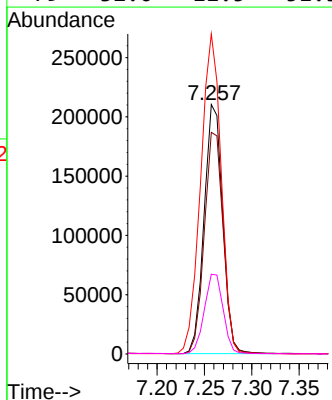


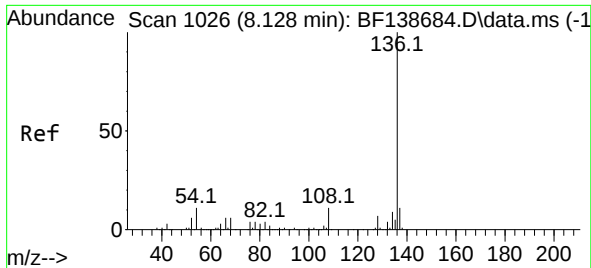
Tgt Ion: 70 Resp: 215166
Ion Ratio Lower Upper
70 100
42 68.5 57.4 86.0
101 9.6 7.5 11.3
130 20.9 16.4 24.6



#20
3+4-Methylphenols
Concen: 45.304 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion: 107 Resp: 286685
Ion Ratio Lower Upper
107 100
108 88.8 68.2 108.2
77 128.3 132.1 172.1#
79 32.0 11.5 51.5

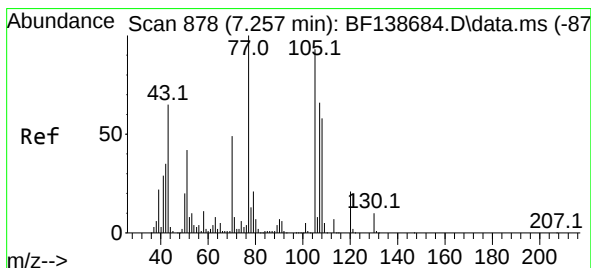
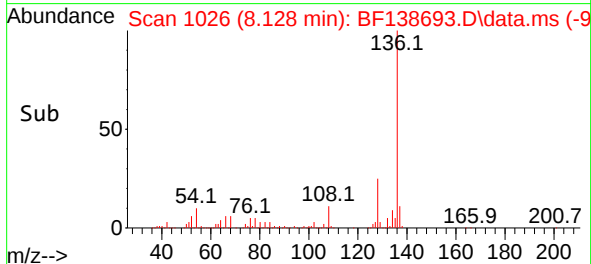
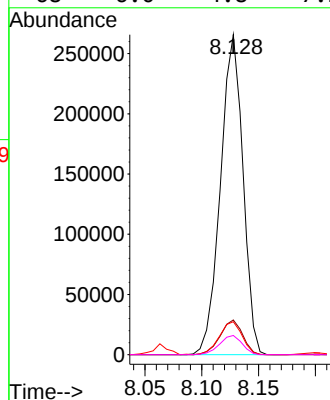
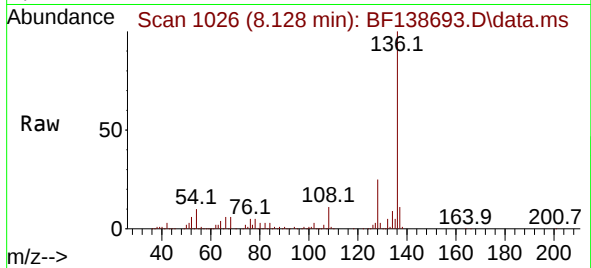




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

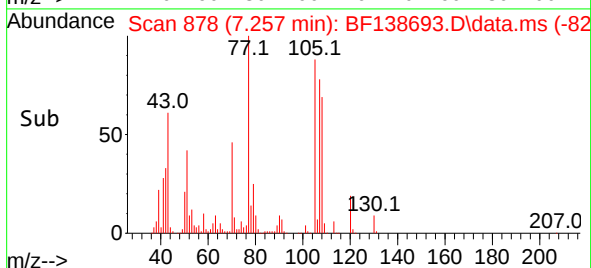
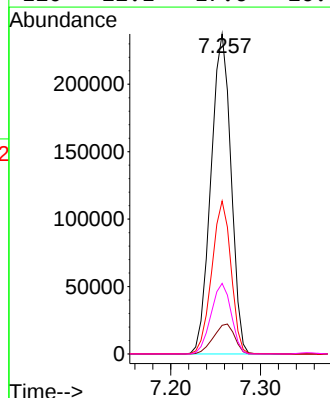
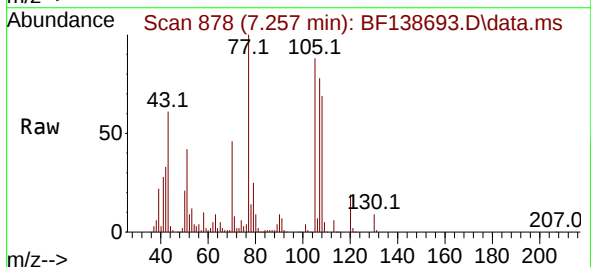
Instrument :
BNA_F
ClientSampleId :
PB162290BS

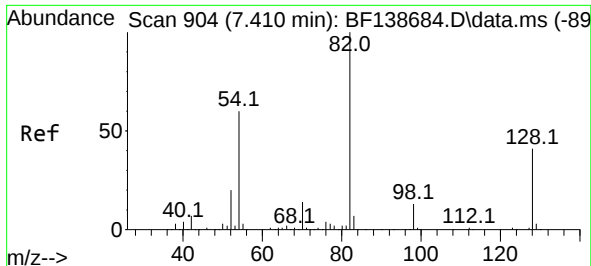
Tgt Ion:136 Resp: 366314
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.3 8.6 12.8
68 6.0 4.8 7.2



#22
Acetophenone
Concen: 41.075 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion:105 Resp: 368409
Ion Ratio Lower Upper
105 100
71 8.9 7.2 10.8
51 47.8 35.9 53.9
120 22.1 17.6 26.4

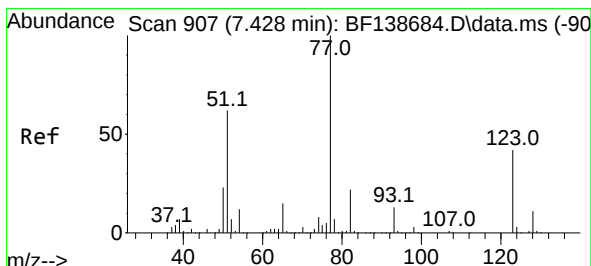
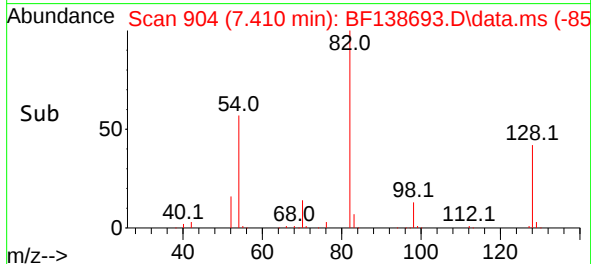
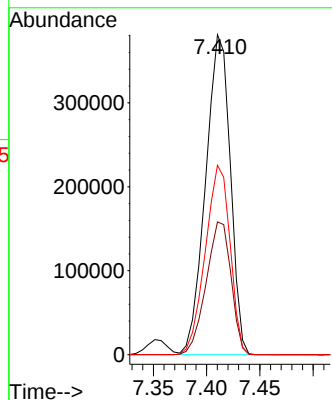
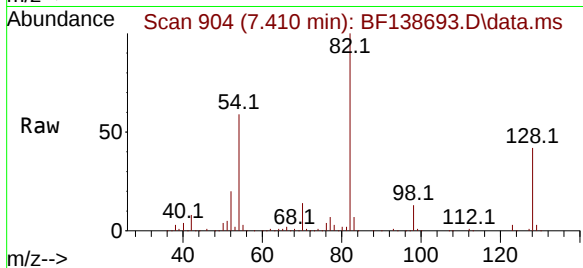




#23
Nitrobenzene-d5
Concen: 82.032 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

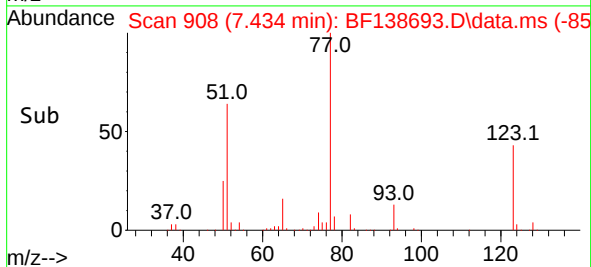
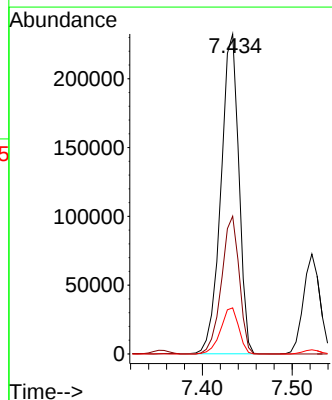
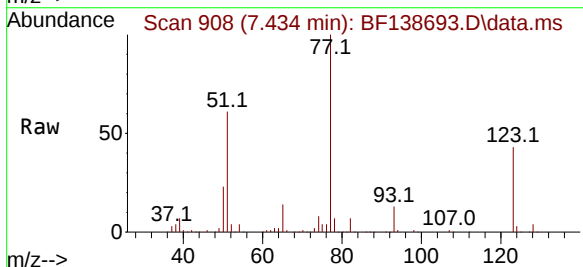
Instrument :
BNA_F
ClientSampleId :
PB162290BS

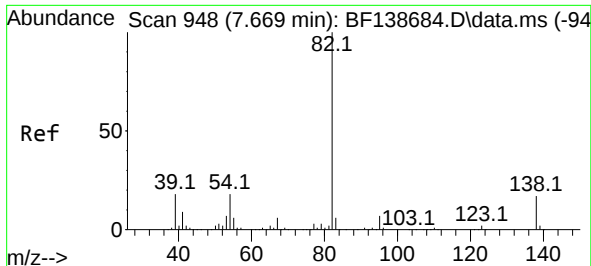
Tgt Ion: 82 Resp: 614620
Ion Ratio Lower Upper
82 100
128 41.5 32.8 49.2
54 59.2 48.3 72.5



#24
Nitrobenzene
Concen: 42.198 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.006 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion: 77 Resp: 321722
Ion Ratio Lower Upper
77 100
123 43.1 33.3 49.9
65 14.4 11.9 17.9

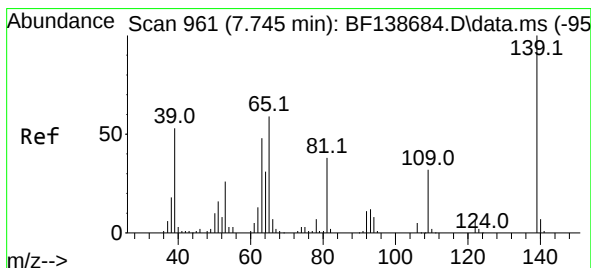
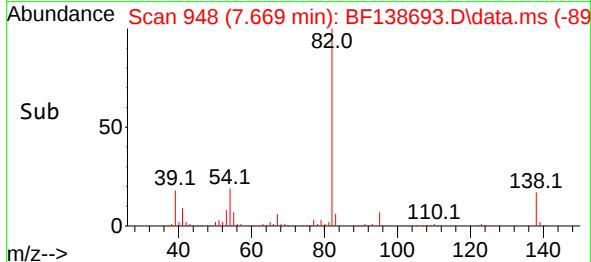
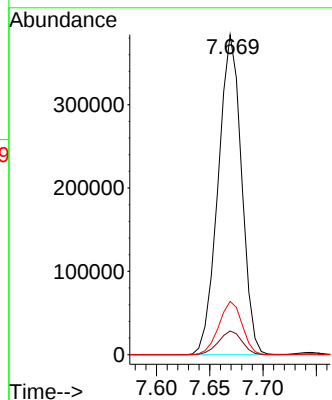
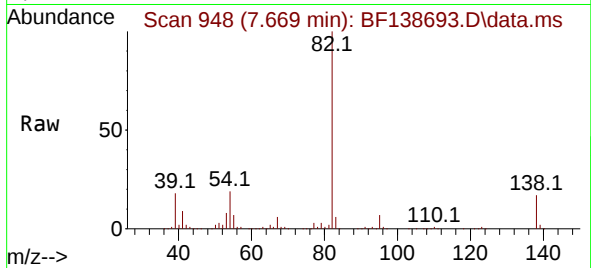




#25
Isophorone
Concen: 45.768 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

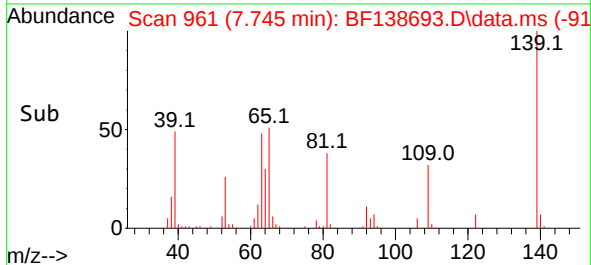
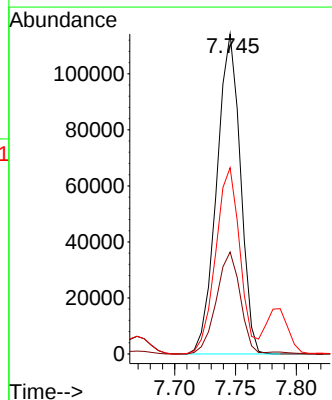
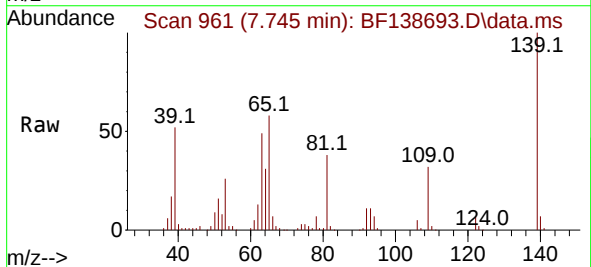
Instrument :
BNA_F
ClientSampleId :
PB162290BS

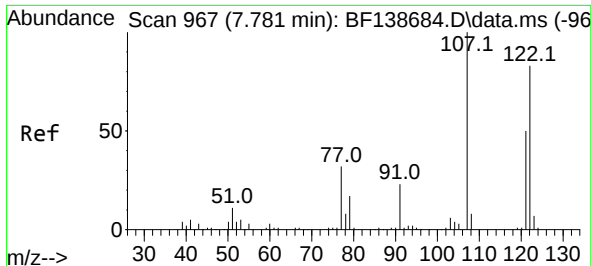
Tgt Ion: 82 Resp: 585536
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 16.6 13.7 20.5



#26
2-Nitrophenol
Concen: 47.172 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion: 139 Resp: 154729
Ion Ratio Lower Upper
139 100
109 31.9 25.9 38.9
65 58.2 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 53.160 ng

RT: 7.787 min Scan# 967

Delta R.T. 0.006 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

Instrument :

BNA_F

ClientSampleId :

PB162290BS

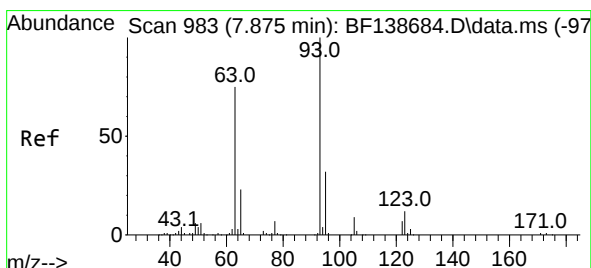
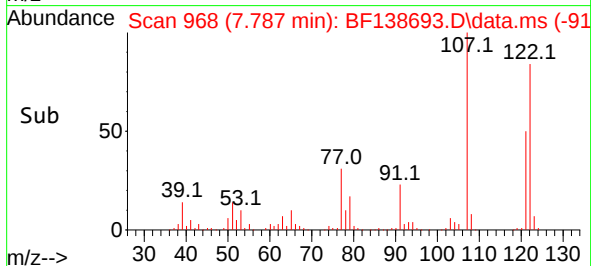
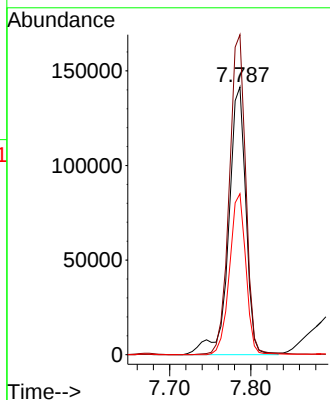
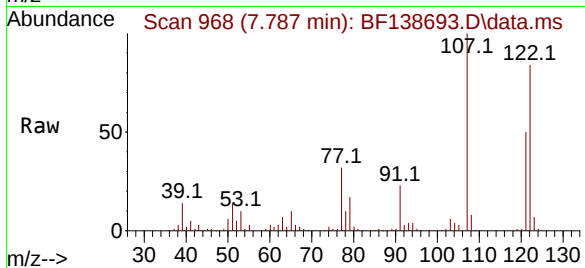
Tgt Ion:122 Resp: 208627

Ion Ratio Lower Upper

122 100

107 119.5 95.0 142.6

121 60.2 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 44.691 ng

RT: 7.875 min Scan# 983

Delta R.T. 0.000 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

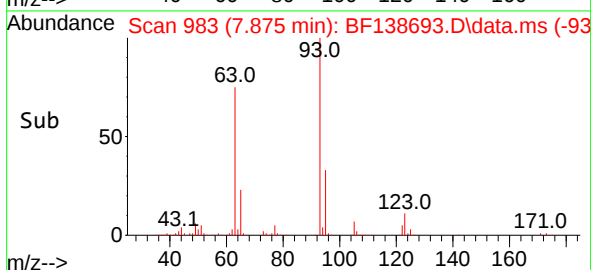
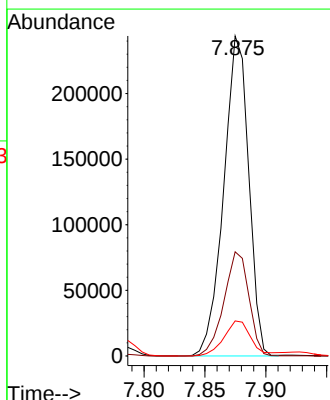
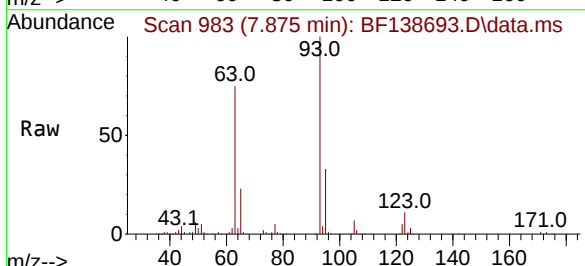
Tgt Ion: 93 Resp: 348182

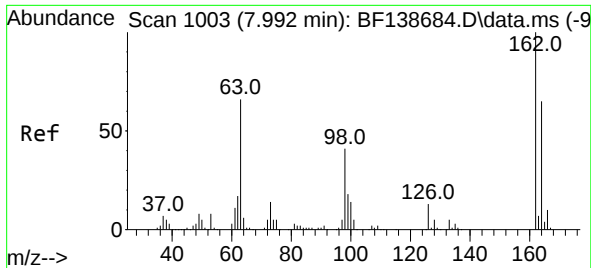
Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.8

123 10.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 46.312 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

Instrument :

BNA_F

ClientSampleId :

PB162290BS

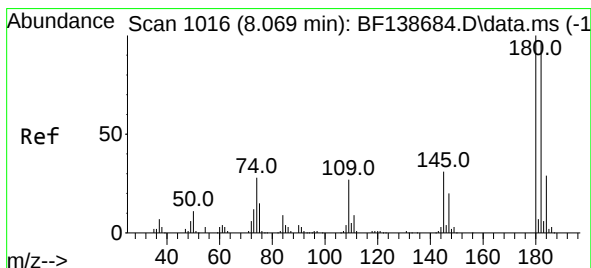
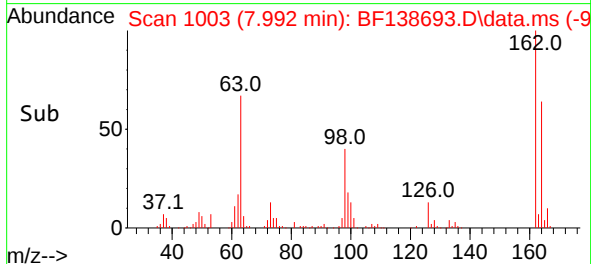
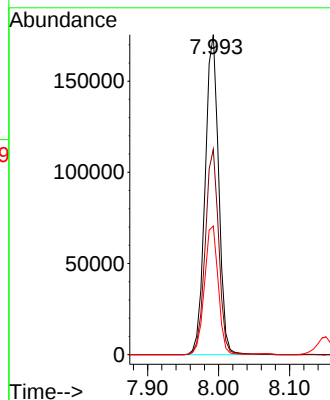
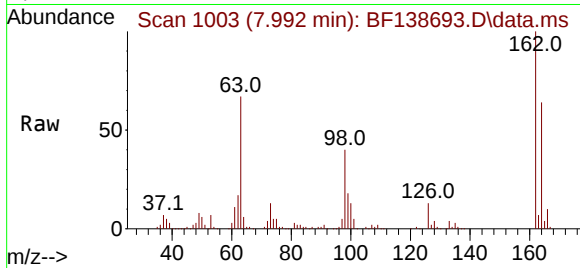
Tgt Ion:162 Resp: 233553

Ion Ratio Lower Upper

162 100

164 64.2 44.7 84.7

98 40.2 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 43.009 ng

RT: 8.069 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

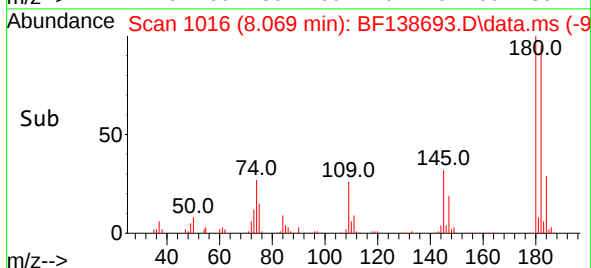
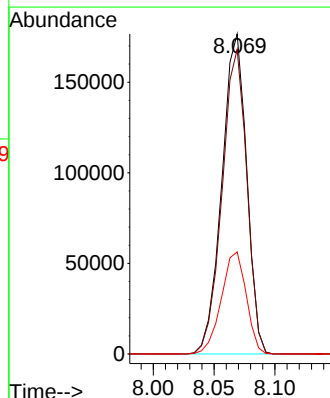
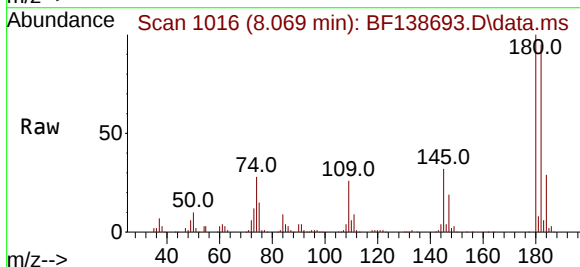
Tgt Ion:180 Resp: 250300

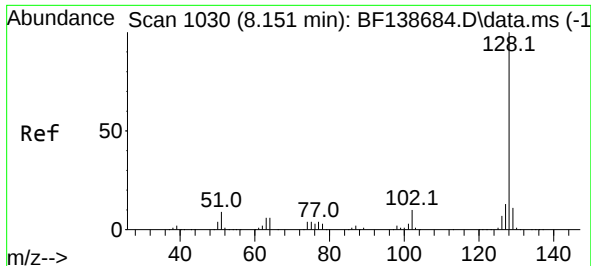
Ion Ratio Lower Upper

180 100

182 95.2 76.9 115.3

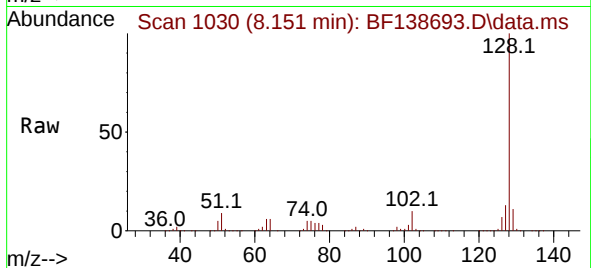
145 31.9 25.0 37.4



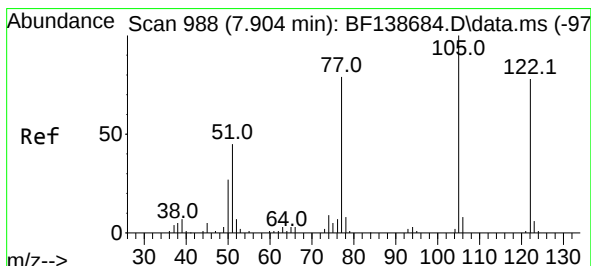
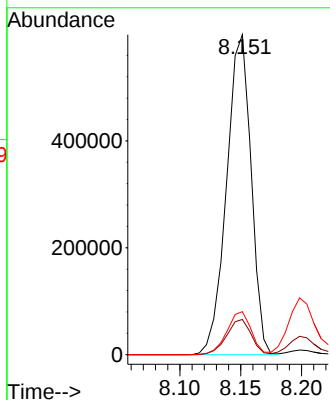
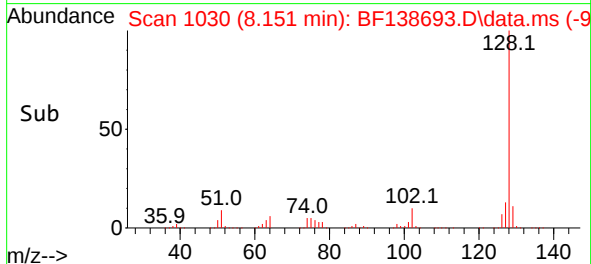


#31
Naphthalene
Concen: 43.469 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Instrument :
BNA_F
ClientSampleId :
PB162290BS

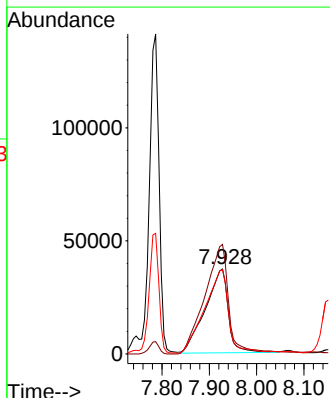
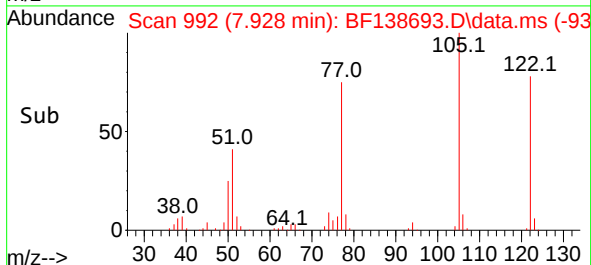
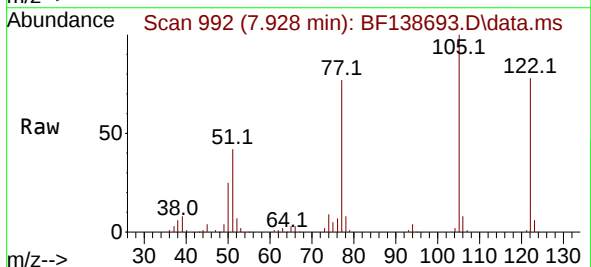


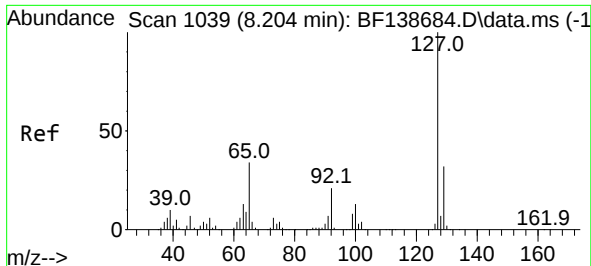
Tgt Ion:128 Resp: 838145
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 40.491 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.024 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion:122 Resp: 124913
Ion Ratio Lower Upper
122 100
105 128.9 106.7 146.7
77 99.3 81.1 121.1

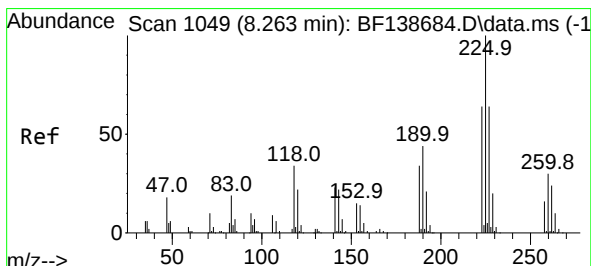
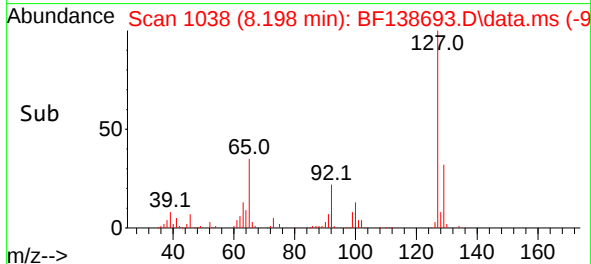
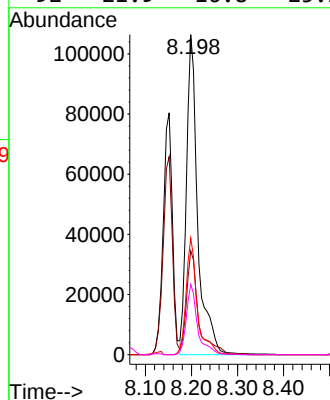
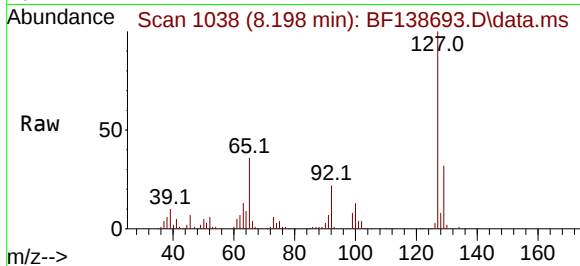




#33
4-Chloroaniline
Concen: 28.037 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

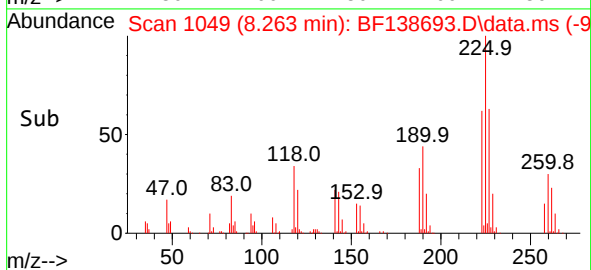
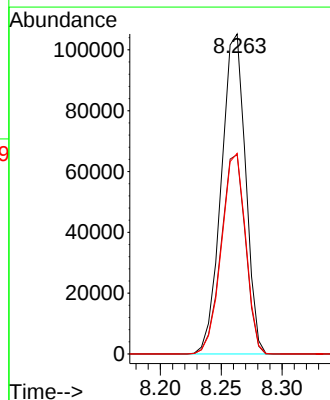
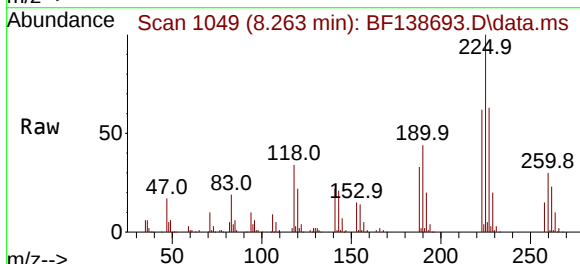
Instrument :
BNA_F
ClientSampleId :
PB162290BS

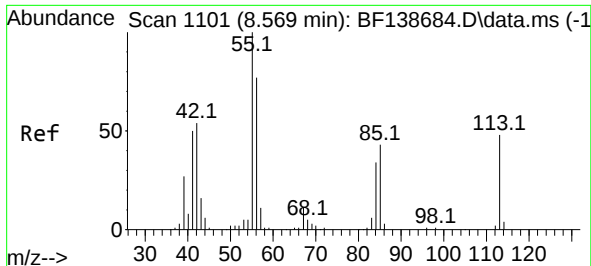
Tgt Ion:	127	Resp:	181466
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.9	38.9
65	36.5	27.6	41.4
92	21.9	16.8	25.2



#34
Hexachlorobutadiene
Concen: 41.391 ng
RT: 8.263 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion:	225	Resp:	145905
Ion Ratio	Lower	Upper	
225	100		
223	62.3	51.2	76.8
227	62.7	51.1	76.7

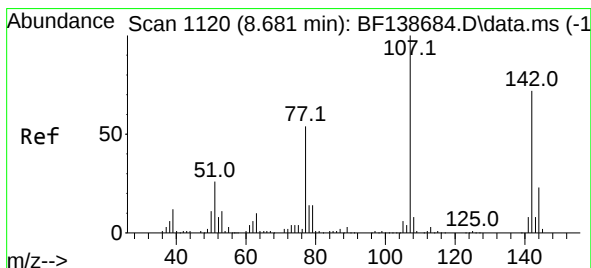
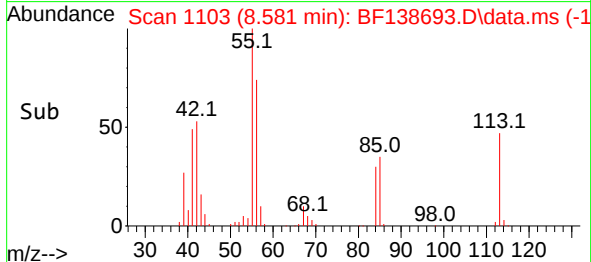
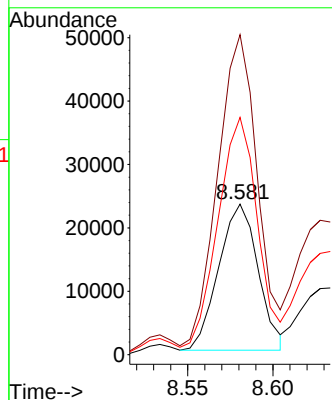
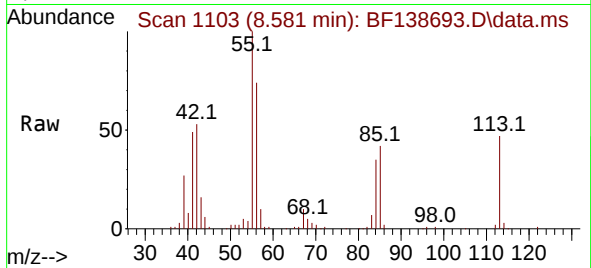




#35
Caprolactam
Concen: 24.627 ng
RT: 8.581 min Scan# 1103
Delta R.T. 0.012 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

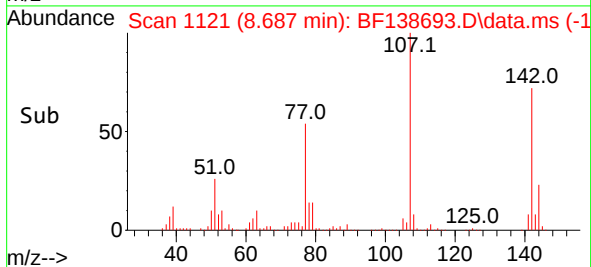
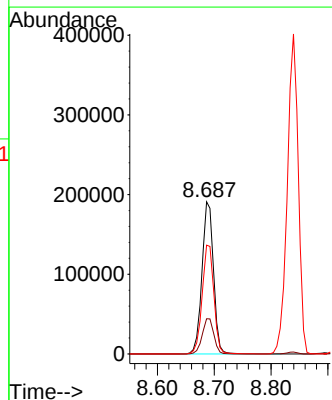
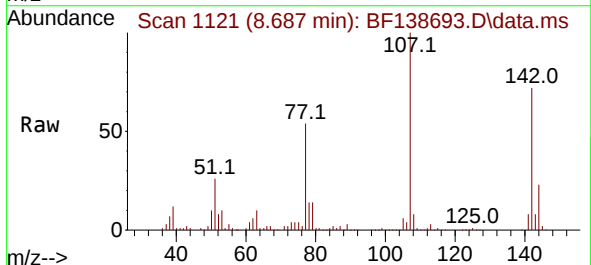
Instrument :
BNA_F
ClientSampleId :
PB162290BS

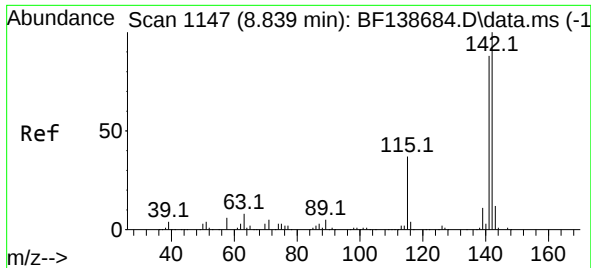
Tgt Ion:113 Resp: 37058
Ion Ratio Lower Upper
113 100
55 212.6 186.7 226.7
56 157.7 138.9 178.9



#36
4-Chloro-3-methylphenol
Concen: 46.707 ng
RT: 8.687 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion:107 Resp: 269190
Ion Ratio Lower Upper
107 100
144 23.2 18.2 27.2
142 71.5 57.4 86.2





#37

2-Methylnaphthalene

Concen: 44.369 ng

RT: 8.839 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

Instrument :

BNA_F

ClientSampleId :

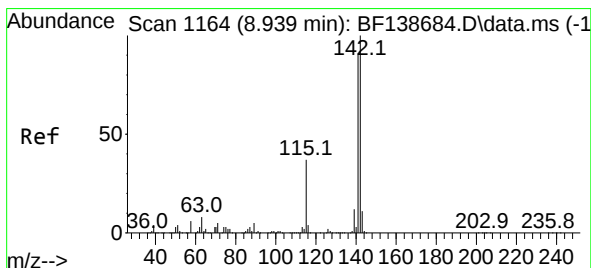
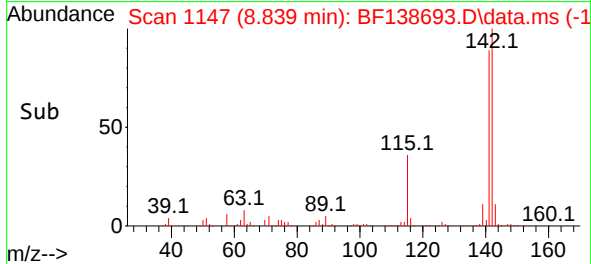
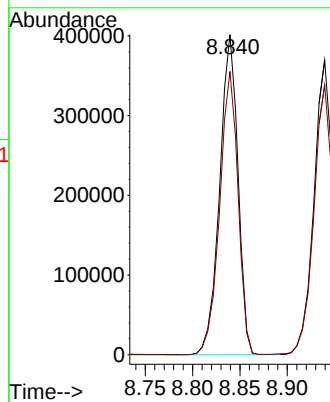
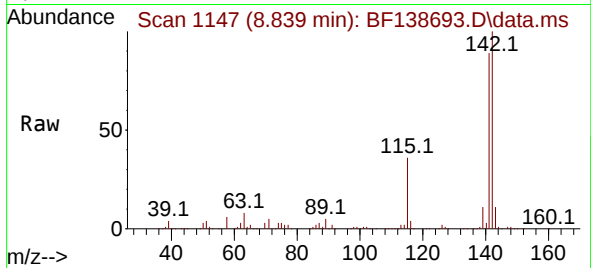
PB162290BS

Tgt Ion:142 Resp: 540297

Ion Ratio Lower Upper

142 100

141 88.5 70.8 106.2



#38

1-Methylnaphthalene

Concen: 41.764 ng

RT: 8.940 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF138693.D

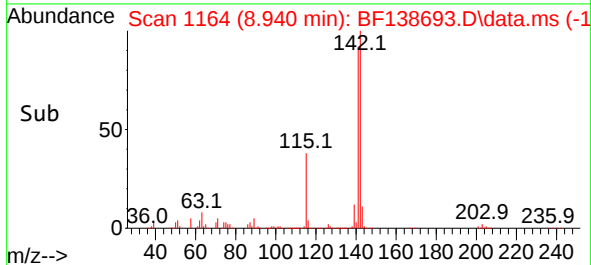
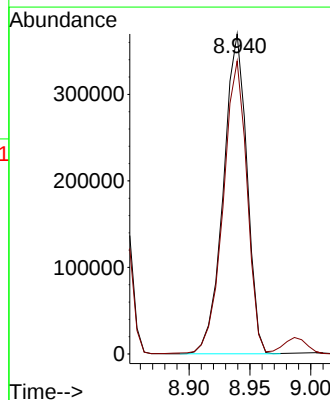
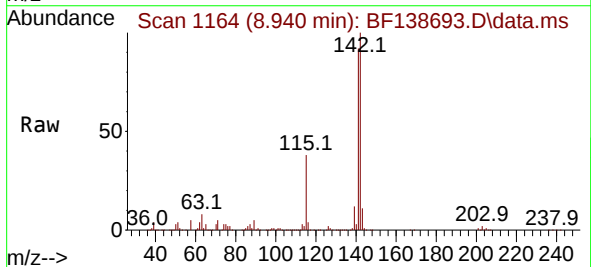
Acq: 31 Jul 2024 10:00

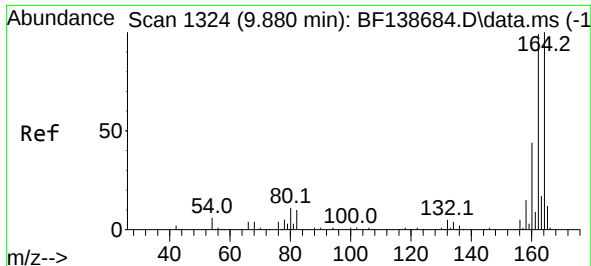
Tgt Ion:142 Resp: 498358

Ion Ratio Lower Upper

142 100

141 91.5 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1175

Delta R.T. 0.001 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

Instrument :

BNA_F

ClientSampleId :

PB162290BS

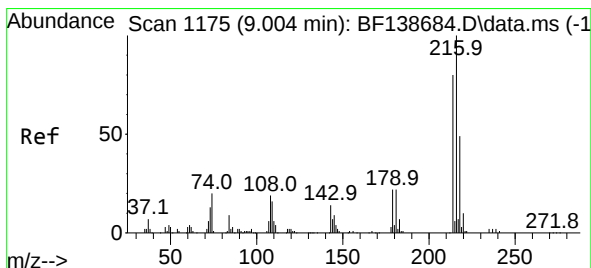
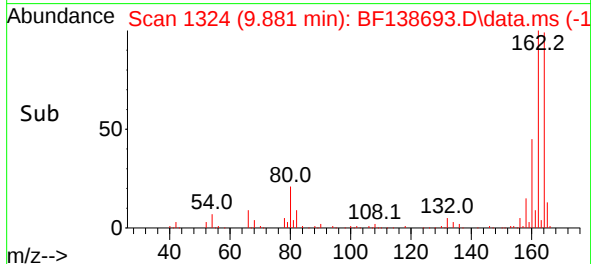
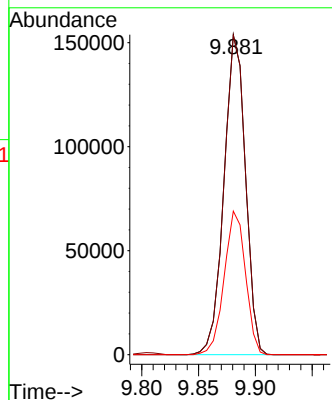
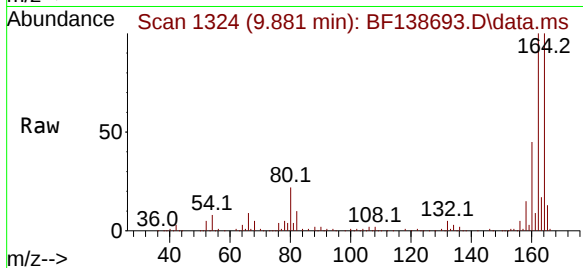
Tgt Ion:164 Resp: 202367

Ion Ratio Lower Upper

164 100

162 99.9 79.4 119.0

160 44.8 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.080 ng

RT: 9.004 min Scan# 1175

Delta R.T. 0.000 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

Tgt Ion:216 Resp: 225309

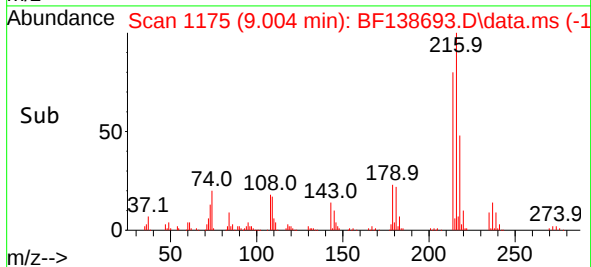
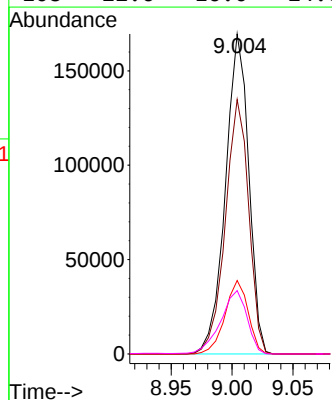
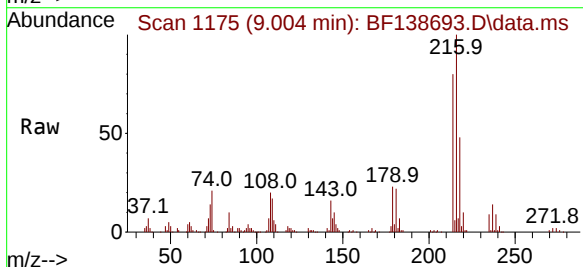
Ion Ratio Lower Upper

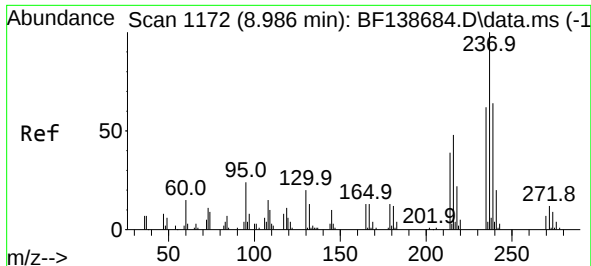
216 100

214 79.6 63.9 95.9

179 22.8 17.8 26.6

108 22.6 16.0 24.0

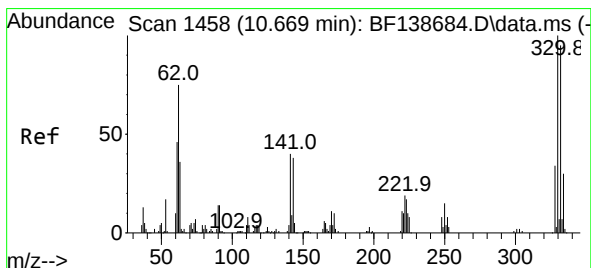
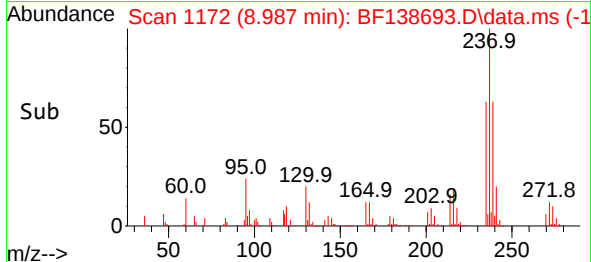
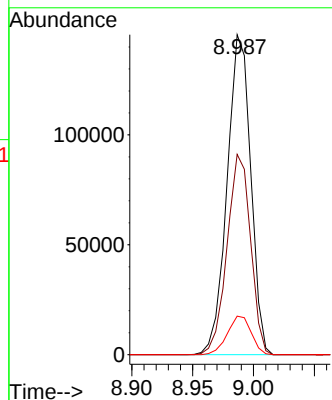
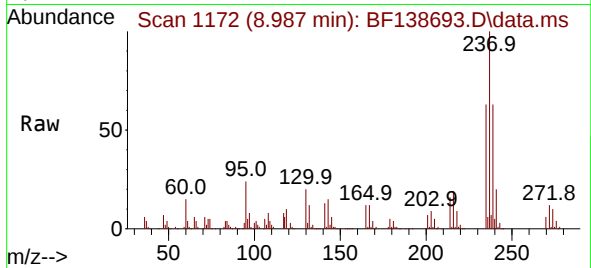




#41
Hexachlorocyclopentadiene
Concen: 127.531 ng
RT: 8.987 min Scan# 1172
Delta R.T. 0.001 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

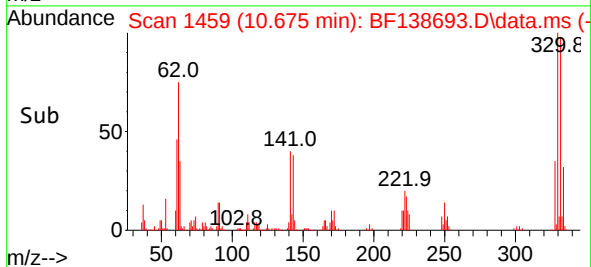
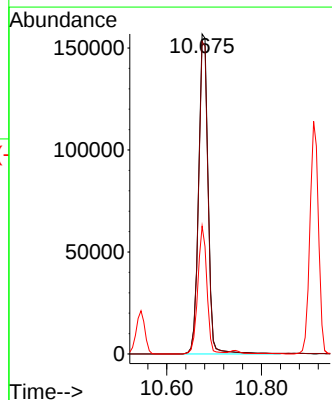
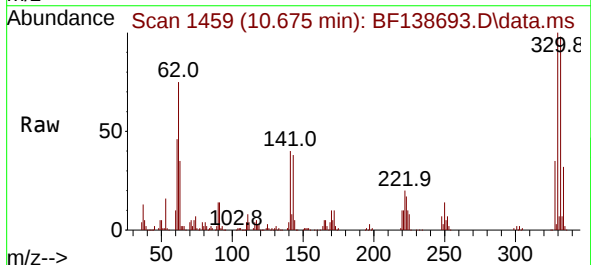
Instrument :
BNA_F
ClientSampleId :
PB162290BS

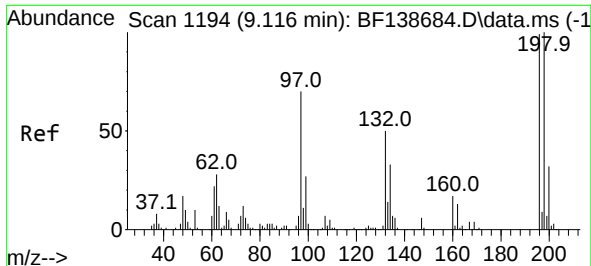
Tgt Ion:237 Resp: 196503
Ion Ratio Lower Upper
237 100
235 62.6 41.8 81.8
272 12.1 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 132.224 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion:330 Resp: 219182
Ion Ratio Lower Upper
330 100
332 96.5 76.4 114.6
141 38.1 31.1 46.7

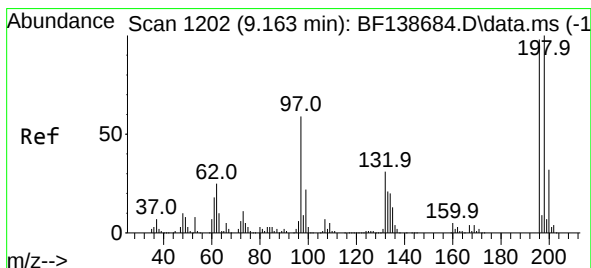
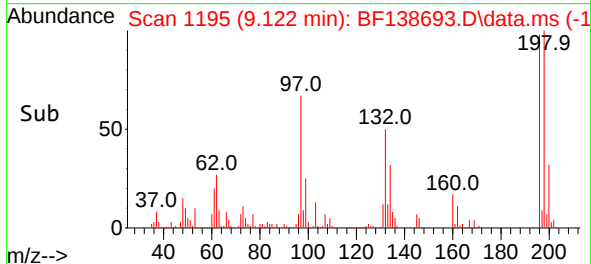
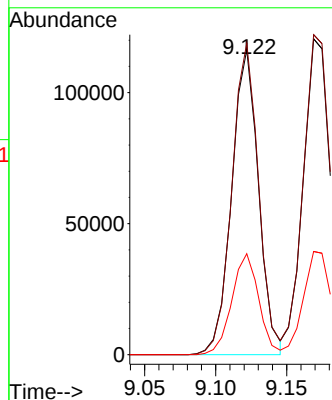
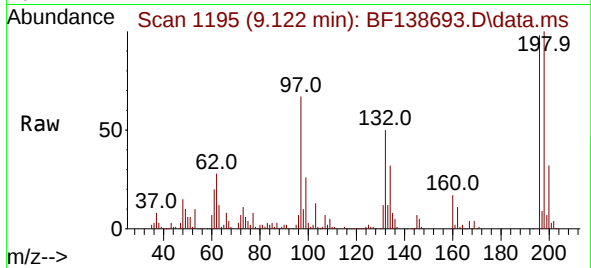




#43
 2,4,6-Trichlorophenol
 Concen: 44.681 ng
 RT: 9.122 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: BF138693.D
 Acq: 31 Jul 2024 10:00

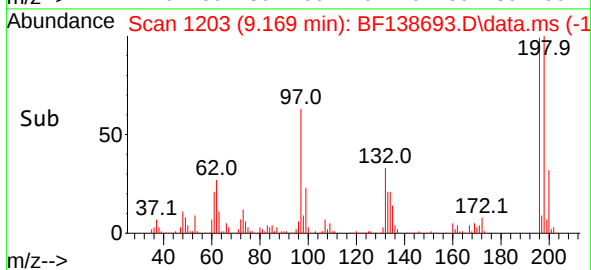
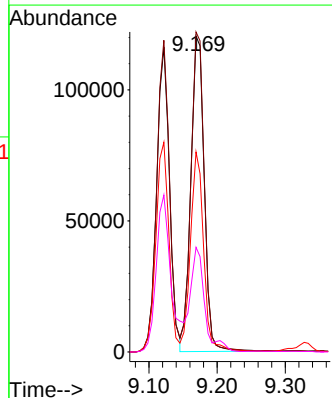
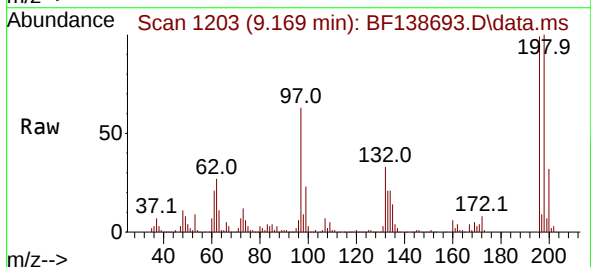
Instrument :
 BNA_F
 ClientSampleId :
 PB162290BS

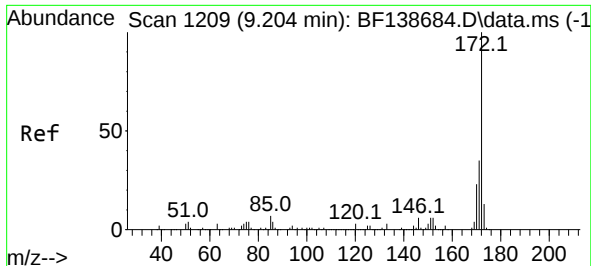
Tgt Ion:196 Resp: 153145
 Ion Ratio Lower Upper
 196 100
 198 102.2 80.5 120.7
 200 33.1 25.9 38.9



#44
 2,4,5-Trichlorophenol
 Concen: 43.540 ng
 RT: 9.169 min Scan# 1203
 Delta R.T. 0.006 min
 Lab File: BF138693.D
 Acq: 31 Jul 2024 10:00

Tgt Ion:196 Resp: 163145
 Ion Ratio Lower Upper
 196 100
 198 101.3 81.2 121.8
 97 63.3 47.8 71.6
 132 33.1 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 79.500 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

Instrument :

BNA_F

ClientSampleId :

PB162290BS

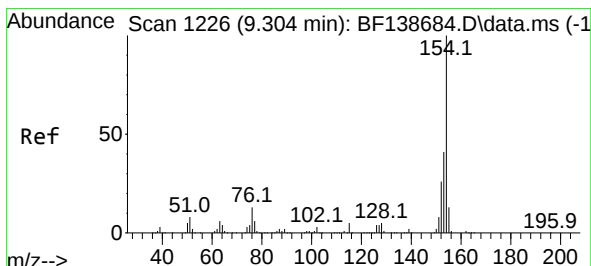
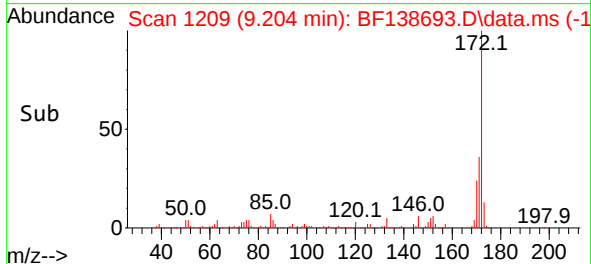
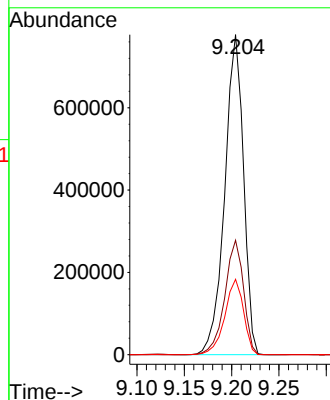
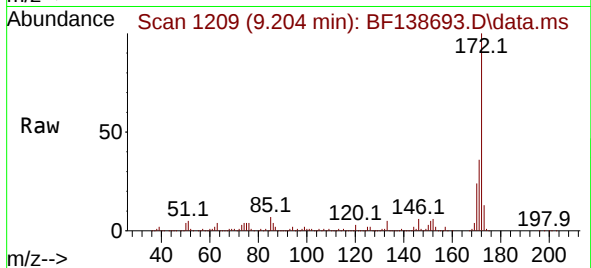
Tgt Ion:172 Resp: 1070769

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 40.090 ng

RT: 9.304 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

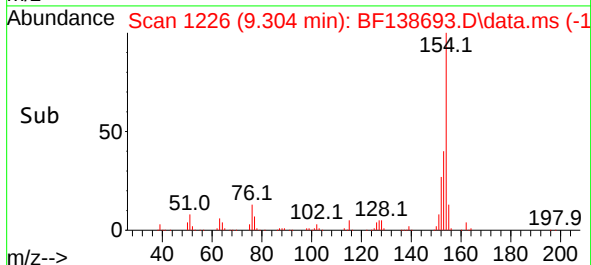
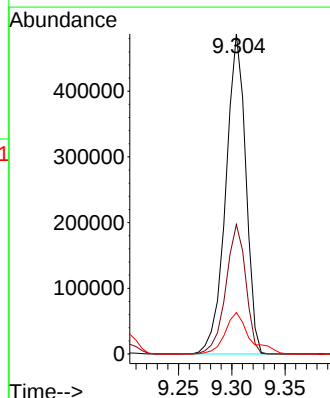
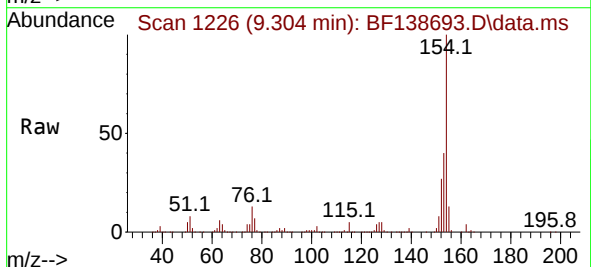
Tgt Ion:154 Resp: 635397

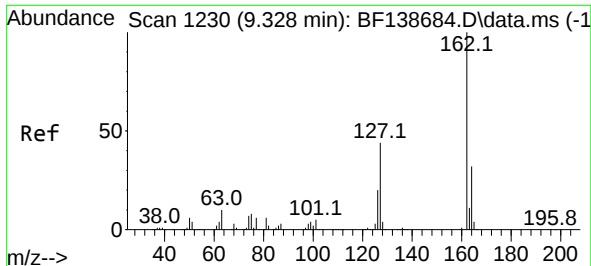
Ion Ratio Lower Upper

154 100

153 40.4 20.8 60.8

76 13.0 0.0 32.8

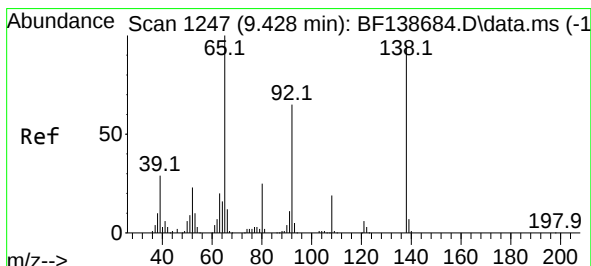
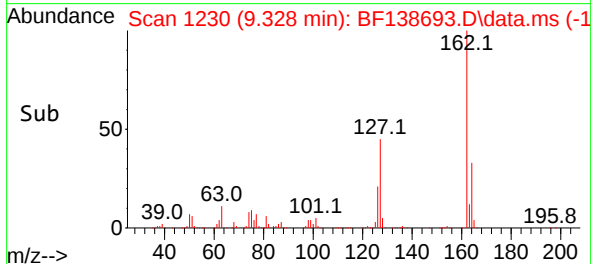
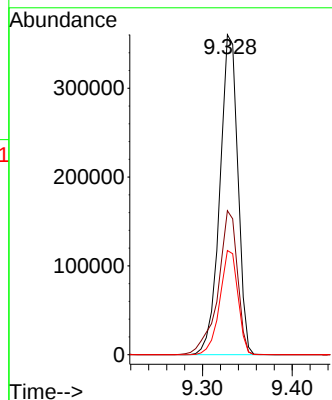
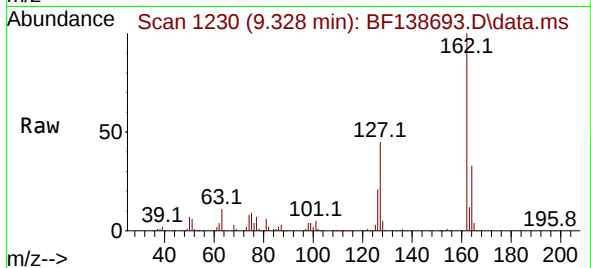




#47
2-Chloronaphthalene
Concen: 42.646 ng
RT: 9.328 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

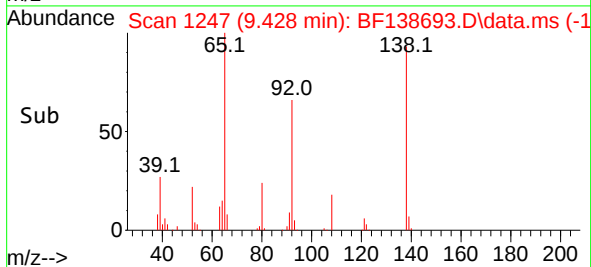
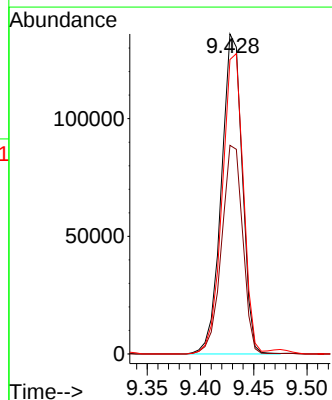
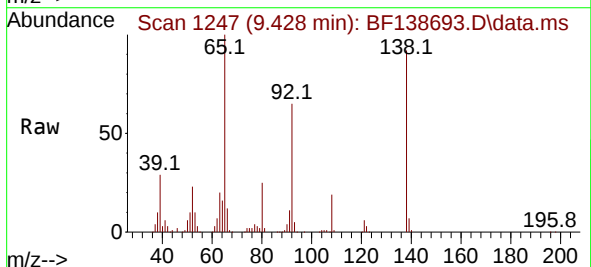
Instrument :
BNA_F
ClientSampleId :
PB162290BS

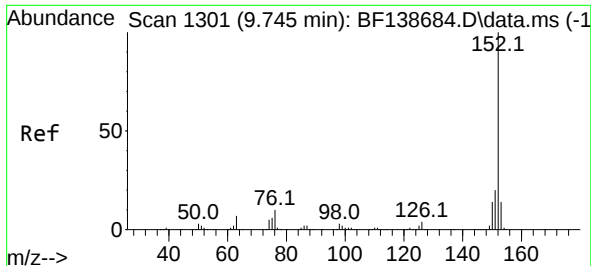
Tgt Ion:162 Resp: 502684
Ion Ratio Lower Upper
162 100
127 45.0 35.4 53.2
164 32.5 25.6 38.4



#48
2-Nitroaniline
Concen: 46.303 ng
RT: 9.428 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion: 65 Resp: 185032
Ion Ratio Lower Upper
65 100
92 65.2 52.0 78.0
138 92.0 76.2 114.4





#49

Acenaphthylene

Concen: 47.593 ng

RT: 9.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

Instrument :

BNA_F

ClientSampleId :

PB162290BS

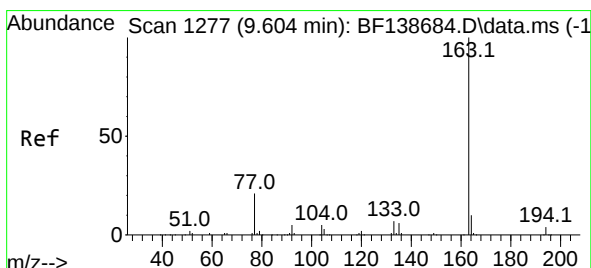
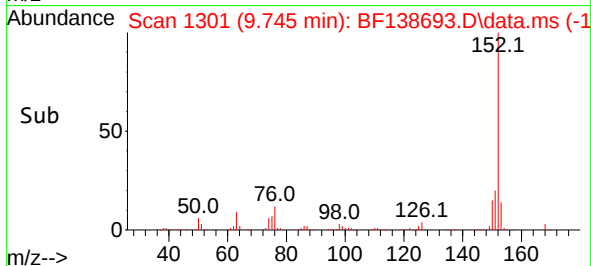
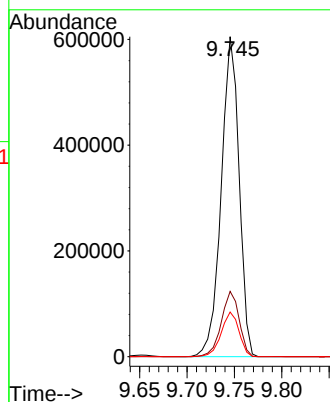
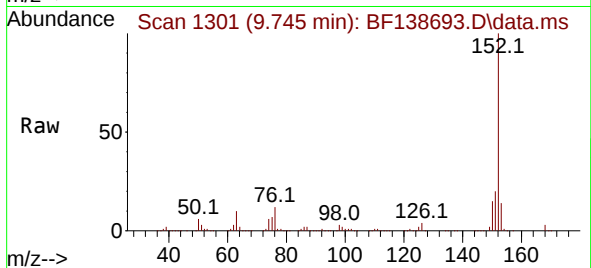
Tgt Ion:152 Resp: 795663

Ion Ratio Lower Upper

152 100

151 20.4 16.0 24.0

153 14.0 11.0 16.4



#50

Dimethylphthalate

Concen: 47.294 ng

RT: 9.610 min Scan# 1278

Delta R.T. 0.006 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

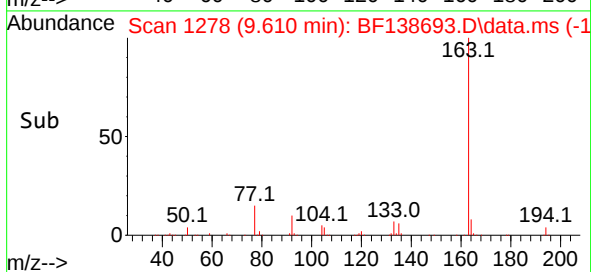
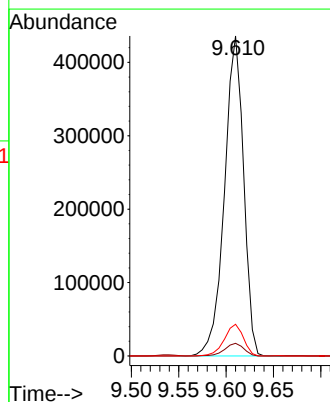
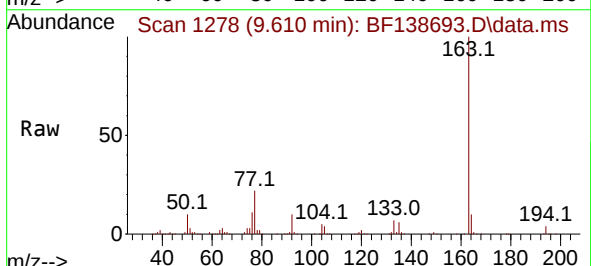
Tgt Ion:163 Resp: 611969

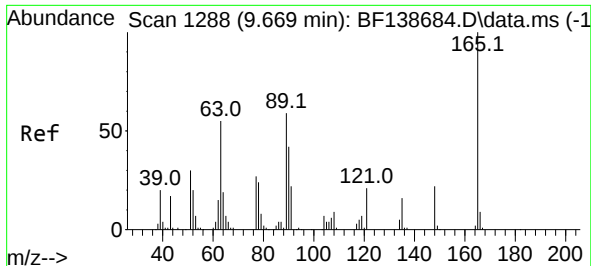
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 9.9 7.8 11.8

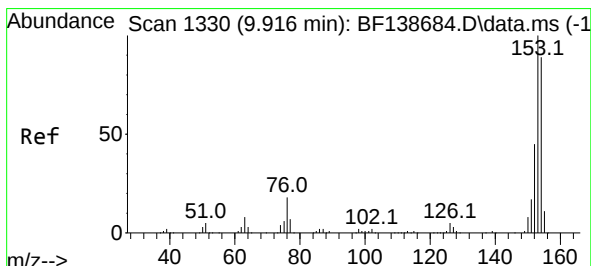
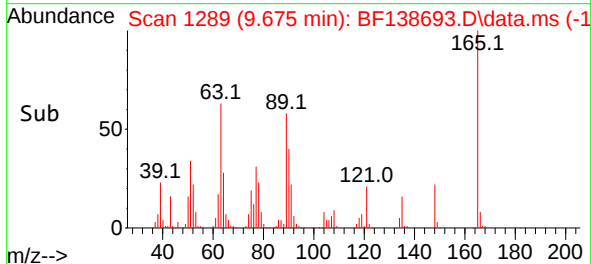
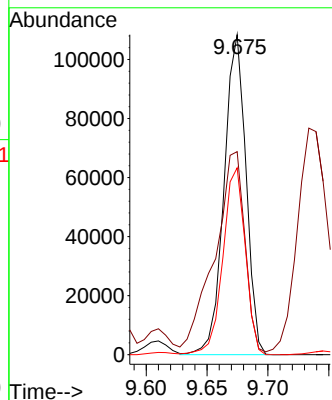
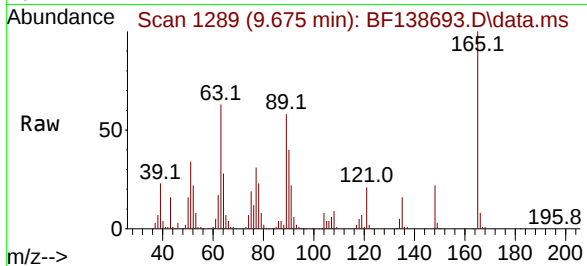




#51
2,6-Dinitrotoluene
Concen: 46.537 ng
RT: 9.675 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

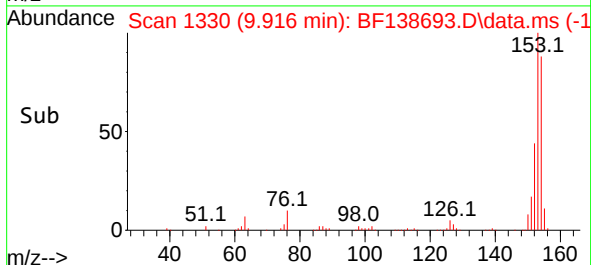
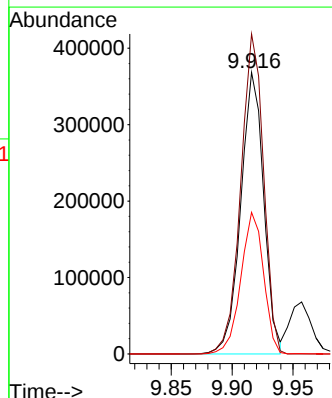
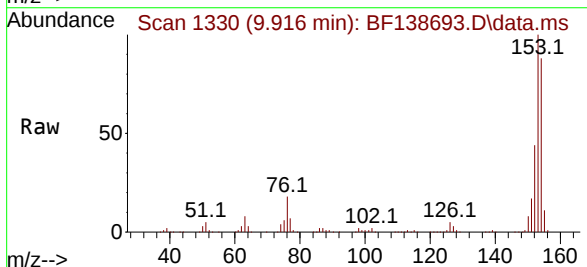
Instrument :
BNA_F
ClientSampleId :
PB162290BS

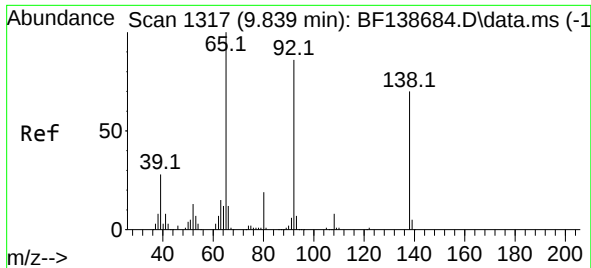
Tgt Ion:165 Resp: 135898
Ion Ratio Lower Upper
165 100
63 63.4 52.0 78.0
89 58.4 47.0 70.6



#52
Acenaphthene
Concen: 43.111 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion:154 Resp: 484494
Ion Ratio Lower Upper
154 100
153 113.7 89.9 134.9
152 50.3 40.6 60.8

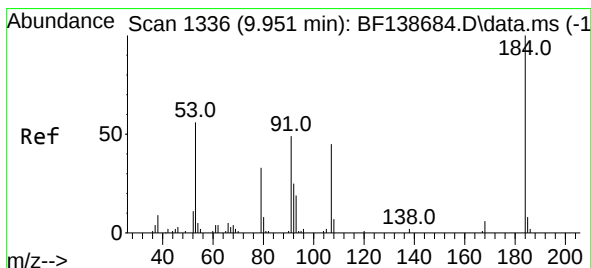
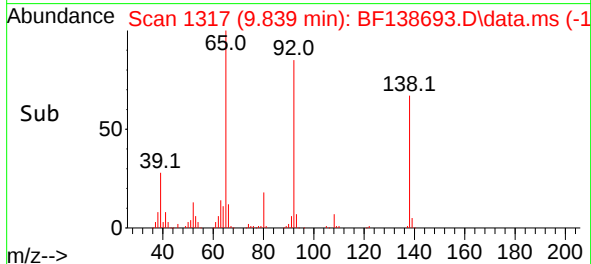
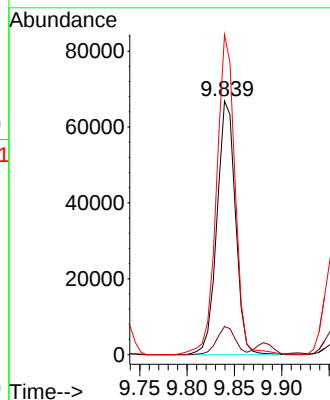
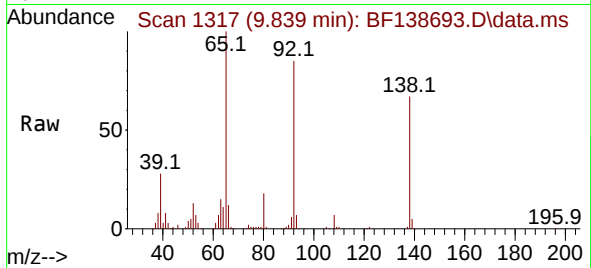




#53
3-Nitroaniline
Concen: 30.113 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

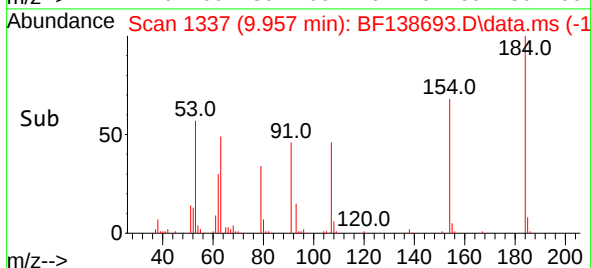
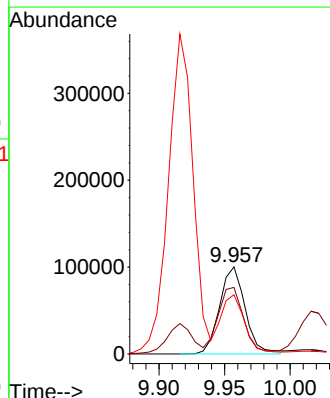
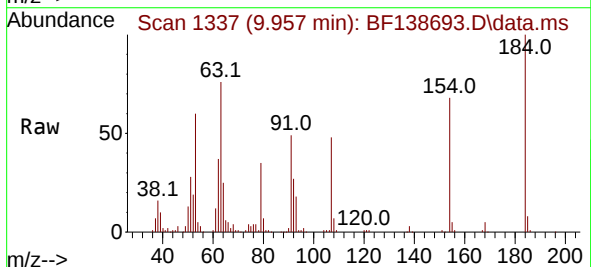
Instrument :
BNA_F
ClientSampleId :
PB162290BS

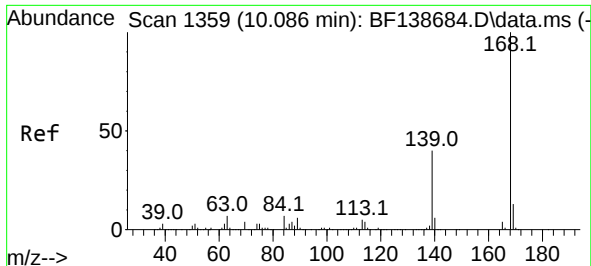
Tgt Ion:138 Resp: 90907
Ion Ratio Lower Upper
138 100
108 11.1 9.1 13.7
92 126.1 98.7 148.1



#54
2,4-Dinitrophenol
Concen: 100.825 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion:184 Resp: 135537
Ion Ratio Lower Upper
184 100
63 76.5 57.5 86.3
154 67.9 51.7 77.5

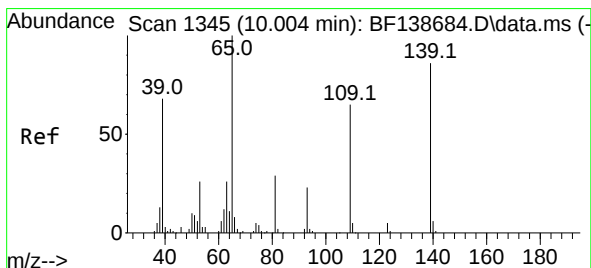
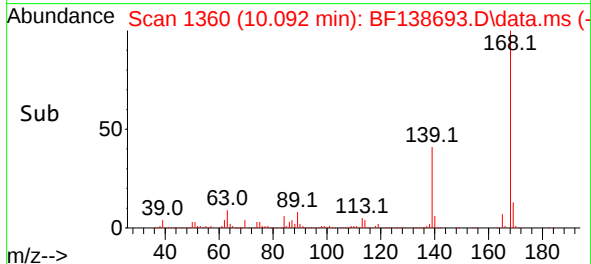
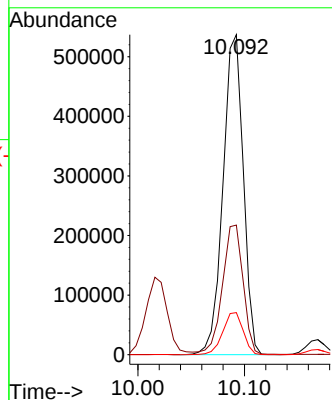
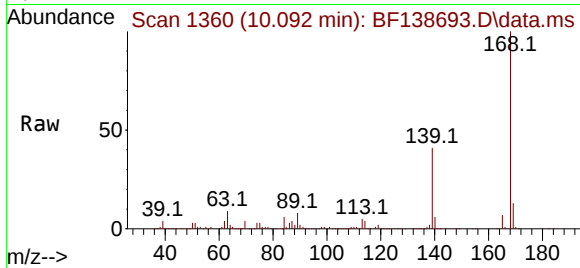




#55
Dibenzenofuran
Concen: 44.708 ng
RT: 10.092 min Scan# 1360
Delta R.T. 0.006 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

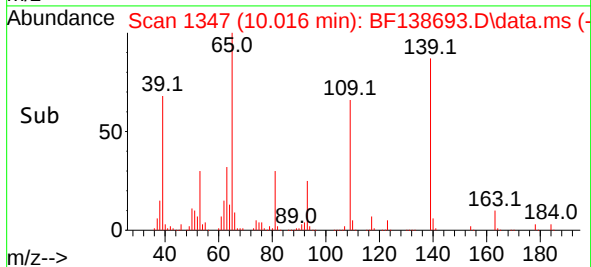
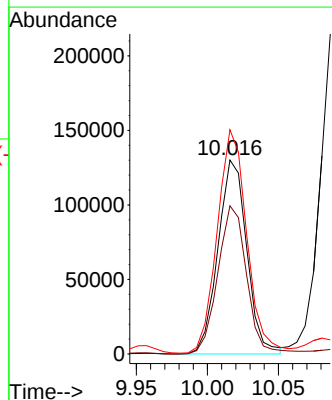
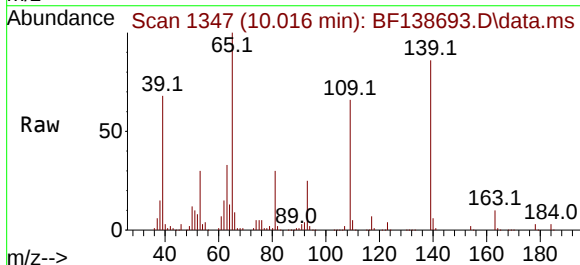
Instrument :
BNA_F
ClientSampleId :
PB162290BS

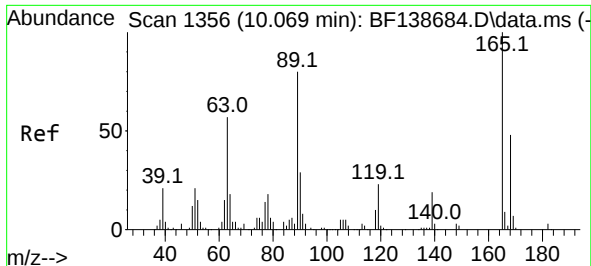
Tgt Ion:168 Resp: 709243
Ion Ratio Lower Upper
168 100
139 40.5 32.6 49.0
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 101.149 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.012 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion:139 Resp: 183626
Ion Ratio Lower Upper
139 100
109 76.4 55.5 95.5
65 115.7 96.7 136.7

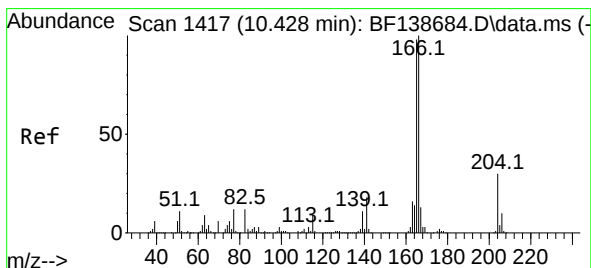
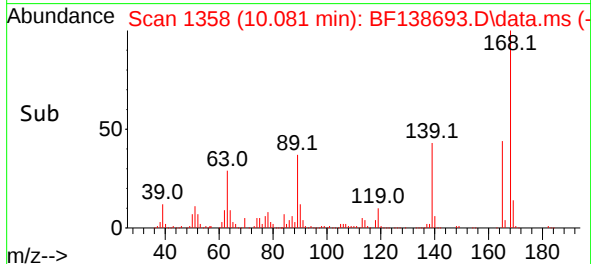
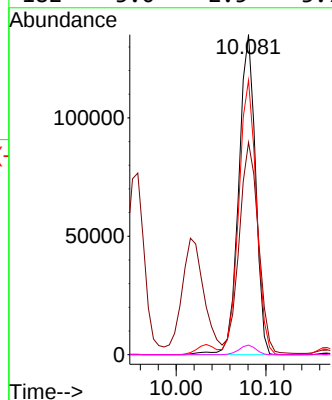
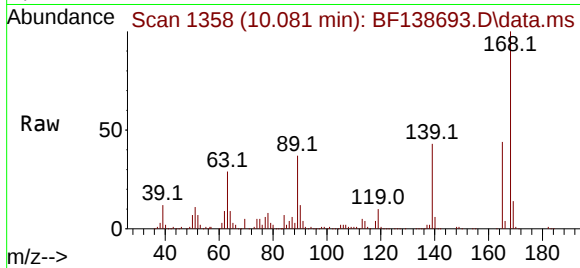




#57
2,4-Dinitrotoluene
Concen: 47.182 ng
RT: 10.081 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

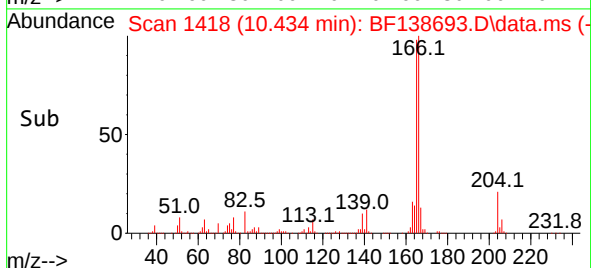
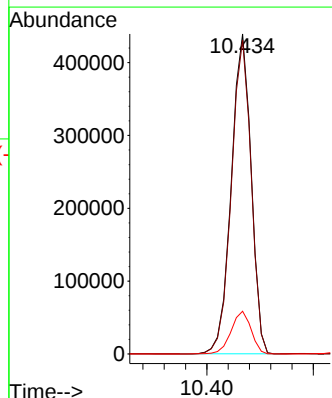
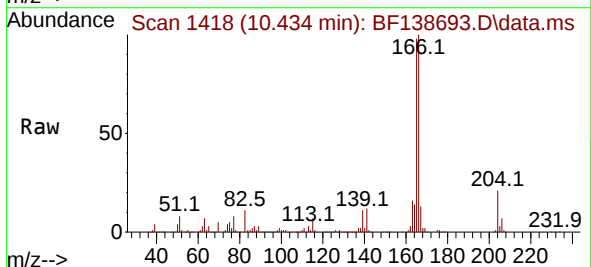
Instrument :
BNA_F
ClientSampleId :
PB162290BS

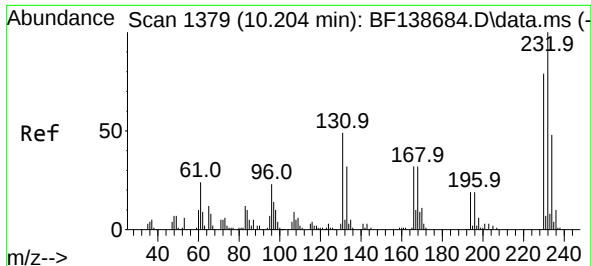
Tgt Ion:165 Resp: 175787
Ion Ratio Lower Upper
165 100
63 66.3 46.3 69.5
89 85.7 64.2 96.4
182 3.0 2.5 3.7



#58
Fluorene
Concen: 44.916 ng
RT: 10.434 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion:166 Resp: 567430
Ion Ratio Lower Upper
166 100
165 98.1 78.4 117.6
167 13.4 10.6 16.0

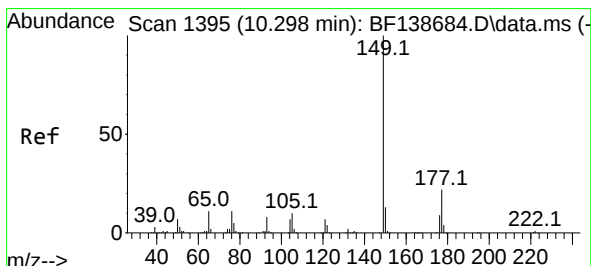
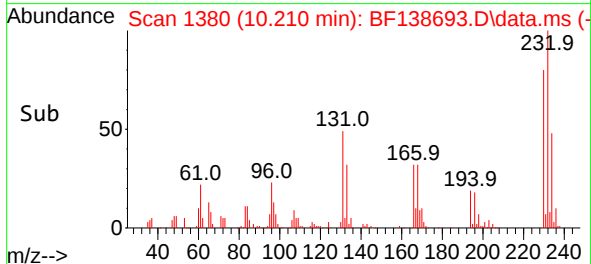
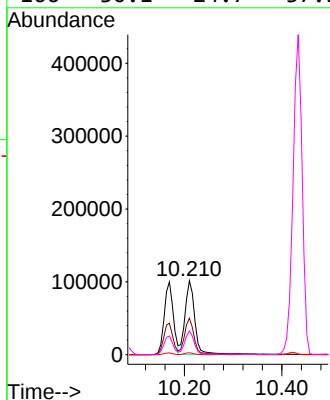
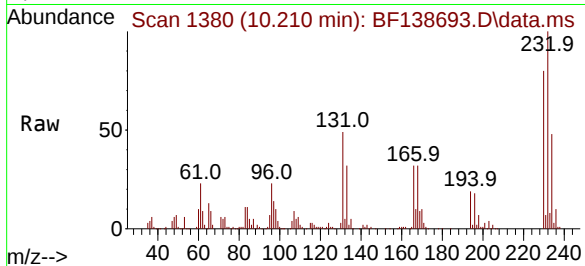




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.451 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

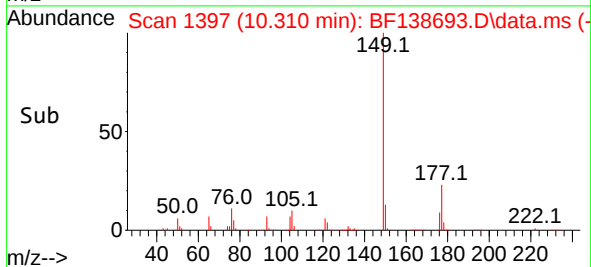
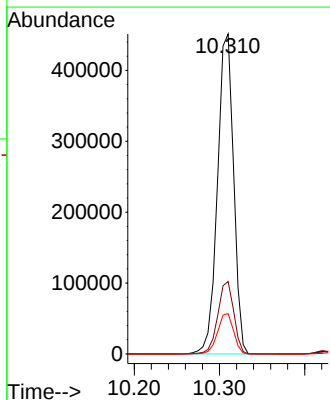
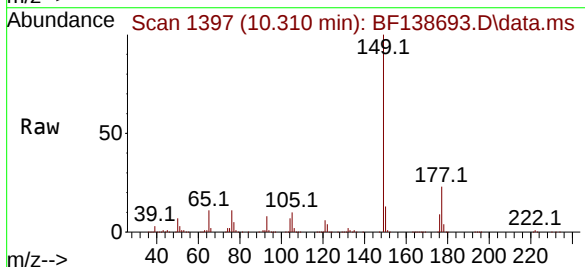
Instrument :
BNA_F
ClientSampleId :
PB162290BS

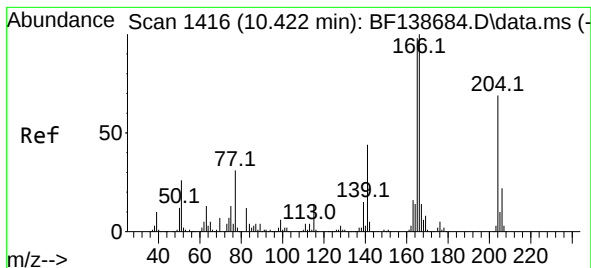
Tgt Ion:232 Resp: 141660
Ion Ratio Lower Upper
232 100
131 46.3 37.0 55.4
130 2.5 2.0 3.0
166 30.1 24.7 37.1



#60
Diethylphthalate
Concen: 48.348 ng
RT: 10.310 min Scan# 1397
Delta R.T. 0.012 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion:149 Resp: 593177
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.8
150 12.6 10.1 15.1

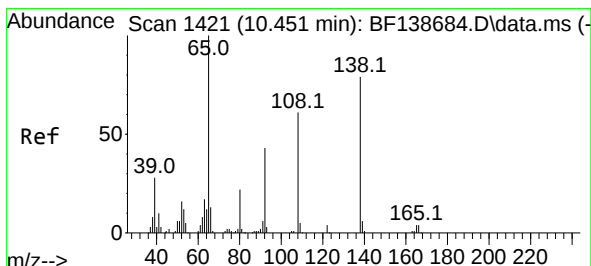
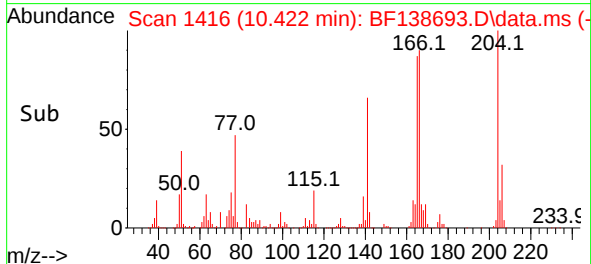
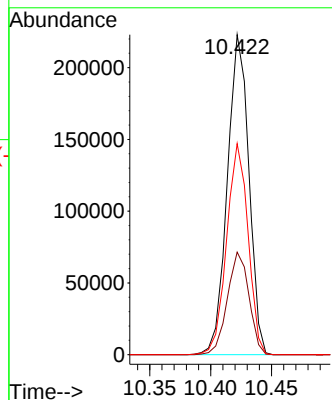
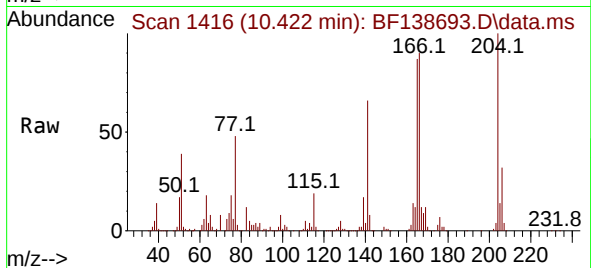




#61
4-Chlorophenyl-phenylether
Concen: 44.250 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

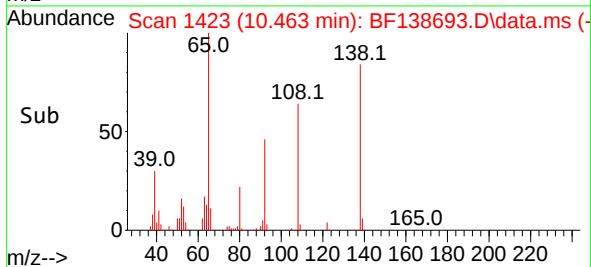
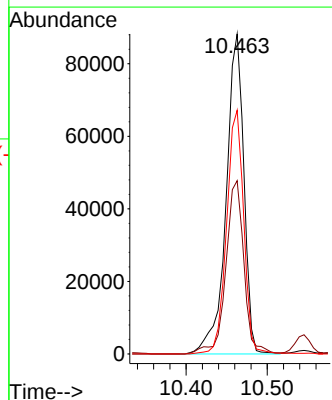
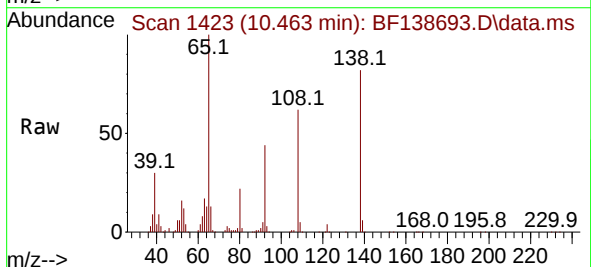
Instrument :
BNA_F
ClientSampleId :
PB162290BS

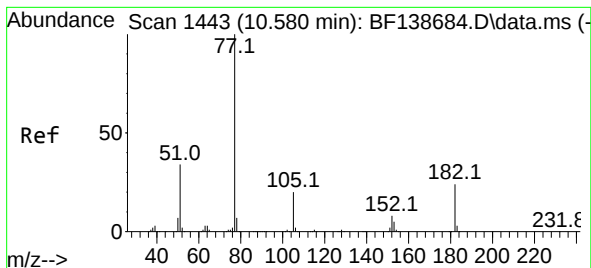
Tgt Ion:204 Resp: 274930
Ion Ratio Lower Upper
204 100
206 32.0 26.1 39.1
141 66.0 51.4 77.0



#62
4-Nitroaniline
Concen: 46.802 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion:138 Resp: 134270
Ion Ratio Lower Upper
138 100
92 54.2 34.2 74.2
108 76.1 56.2 96.2





#63

Azobenzene

Concen: 46.880 ng

RT: 10.581 min Scan# 1443

Delta R.T. 0.000 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

Instrument :

BNA_F

ClientSampleId :

PB162290BS

Tgt Ion: 77 Resp: 637914

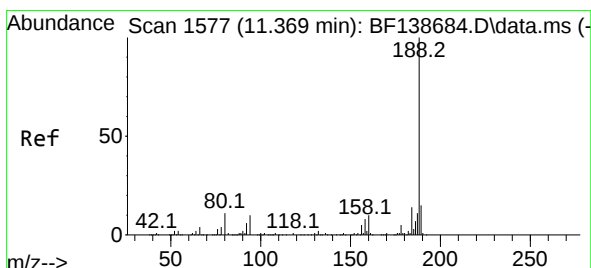
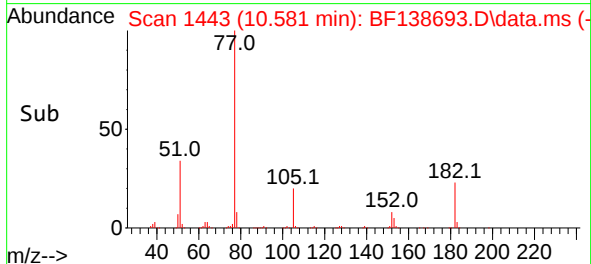
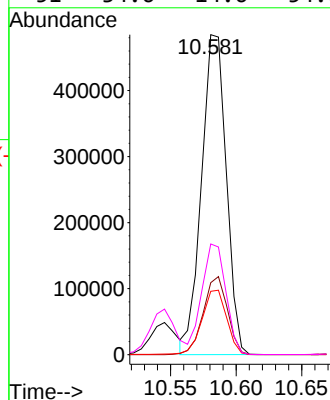
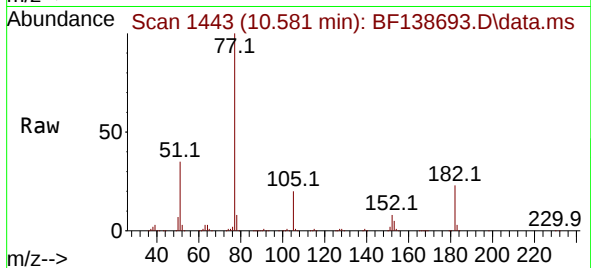
Ion Ratio Lower Upper

77 100

182 22.5 3.4 43.4

105 19.8 0.2 40.2

51 34.6 14.6 54.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

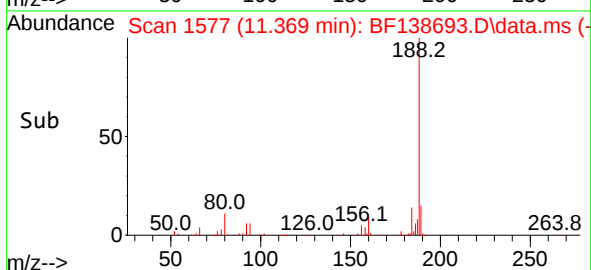
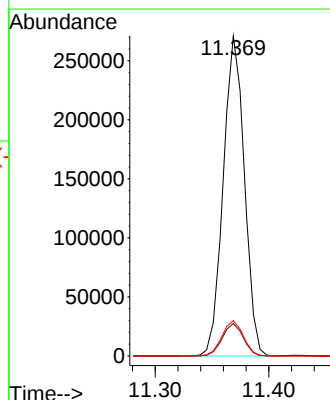
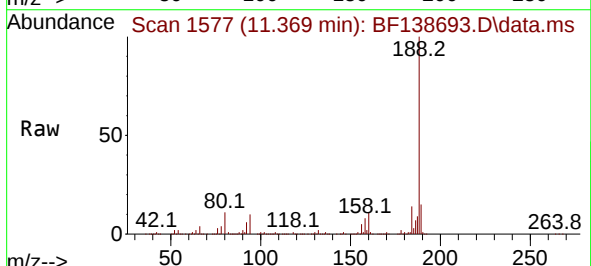
Tgt Ion: 188 Resp: 350823

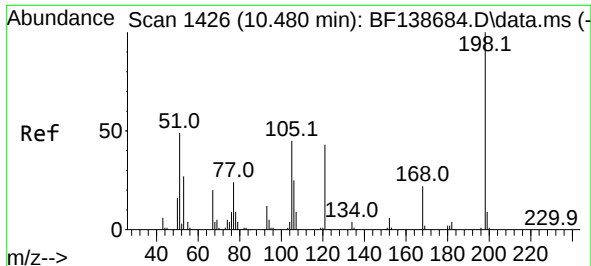
Ion Ratio Lower Upper

188 100

94 10.2 7.6 11.4

80 11.0 8.6 12.8

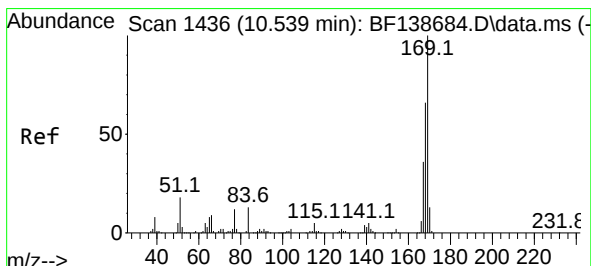
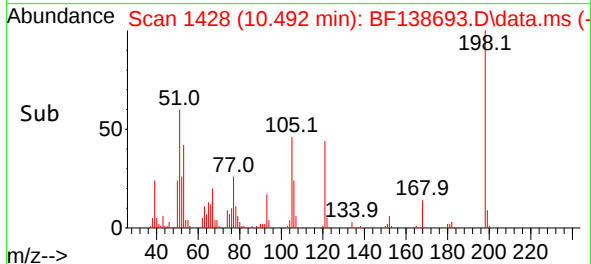
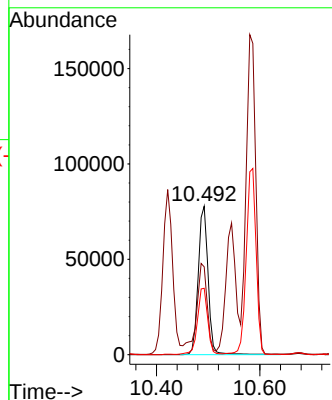
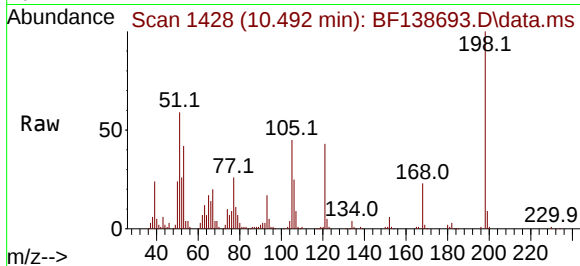




#65
4,6-Dinitro-2-methylphenol
Concen: 48.289 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

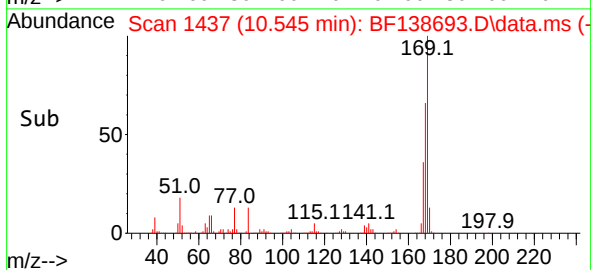
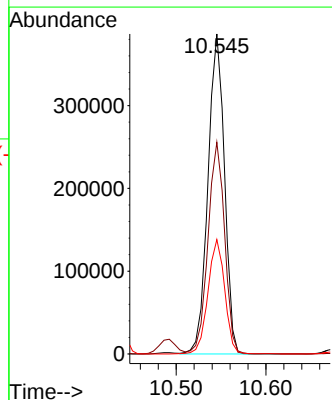
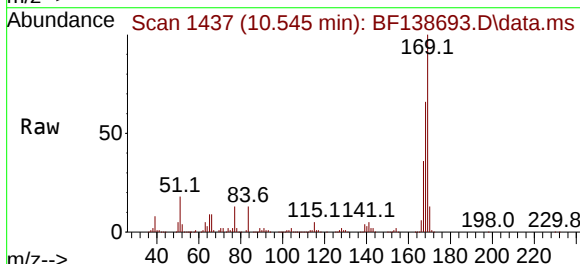
Instrument :
BNA_F
ClientSampleId :
PB162290BS

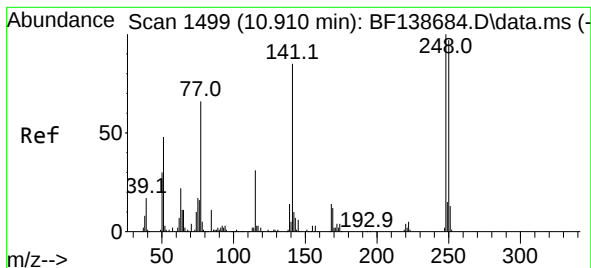
Tgt Ion:198 Resp: 103353
Ion Ratio Lower Upper
198 100
51 59.2 39.9 79.9
105 44.7 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 45.009 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion:169 Resp: 493568
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.6
167 35.8 29.0 43.6

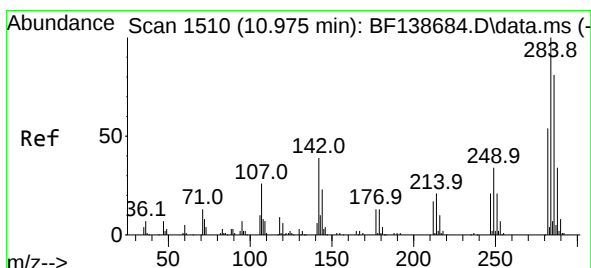
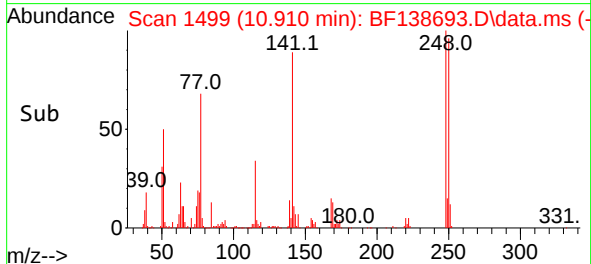
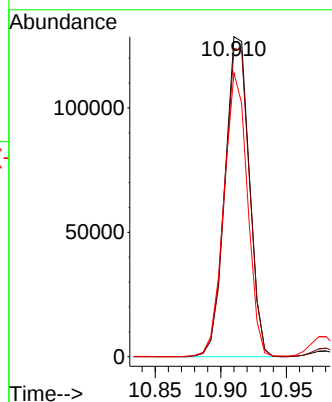
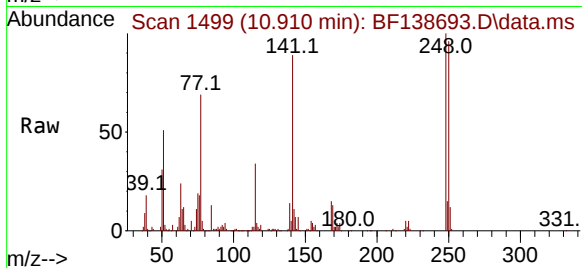




#67
4-Bromophenyl-phenylether
Concen: 43.768 ng
RT: 10.910 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

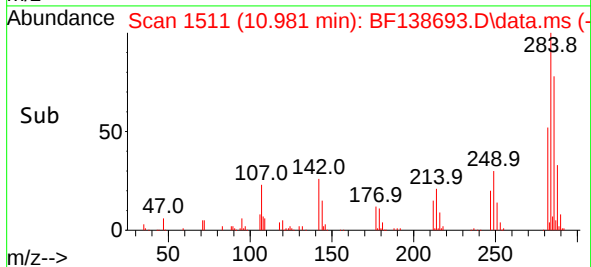
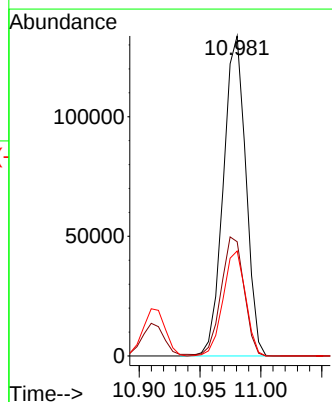
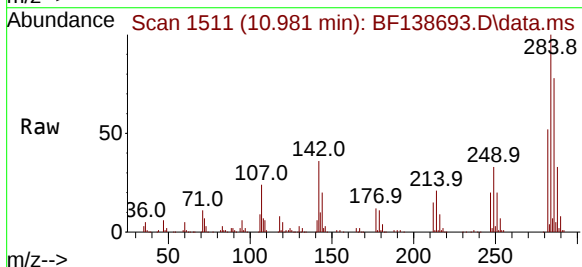
Instrument :
BNA_F
ClientSampleId :
PB162290BS

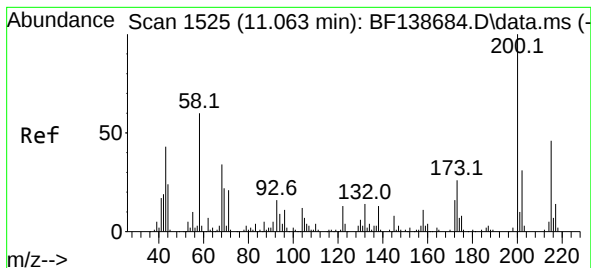
Tgt Ion:248 Resp: 166243
Ion Ratio Lower Upper
248 100
250 96.3 77.7 116.5
141 88.7 68.0 102.0



#68
Hexachlorobenzene
Concen: 43.836 ng
RT: 10.981 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion:284 Resp: 171916
Ion Ratio Lower Upper
284 100
142 35.7 31.3 46.9
249 32.8 27.2 40.8





#69

Atrazine

Concen: 51.871 ng

RT: 11.075 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

Instrument :

BNA_F

ClientSampleId :

PB162290BS

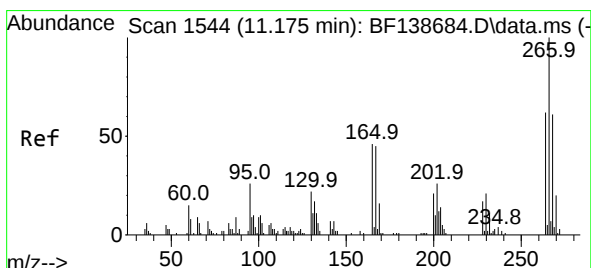
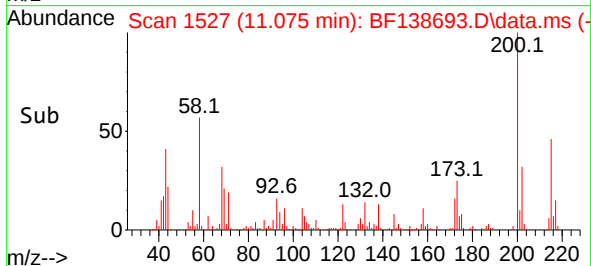
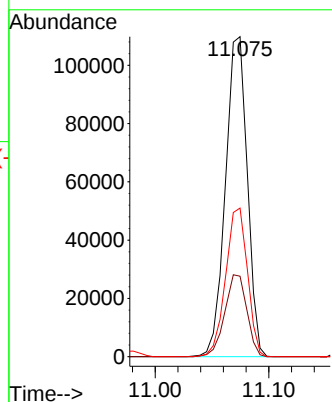
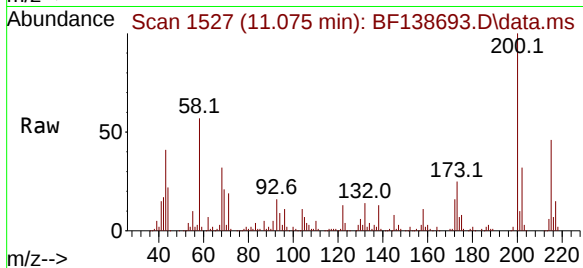
Tgt Ion:200 Resp: 146756

Ion Ratio Lower Upper

200 100

173 25.2 6.0 46.0

215 46.5 26.1 66.1



#70

Pentachlorophenol

Concen: 93.074 ng

RT: 11.181 min Scan# 1545

Delta R.T. 0.006 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

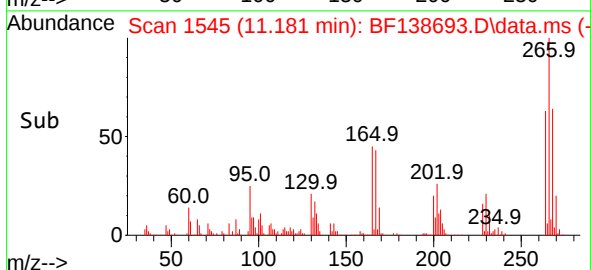
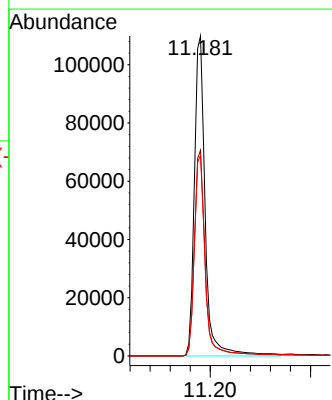
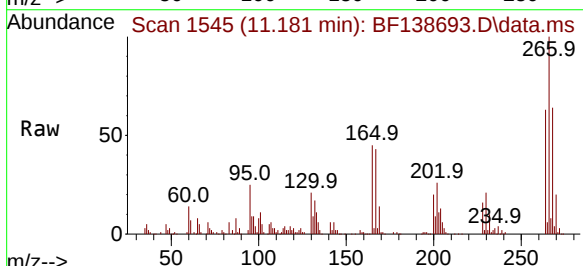
Tgt Ion:266 Resp: 164528

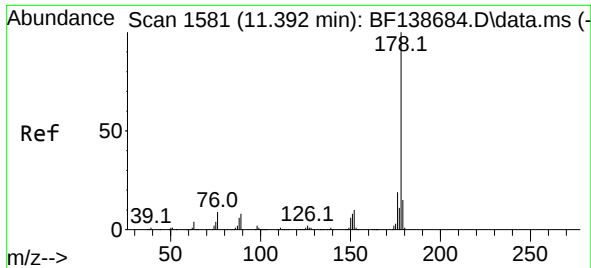
Ion Ratio Lower Upper

266 100

268 64.3 49.2 73.8

264 62.8 49.8 74.6

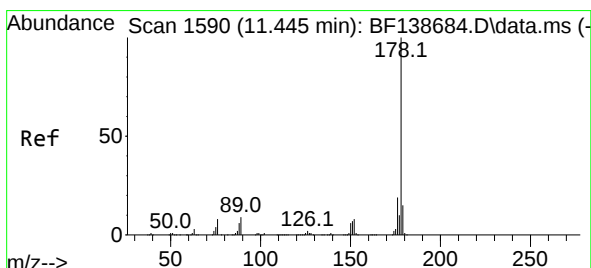
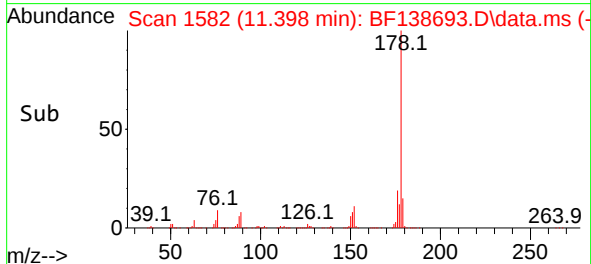
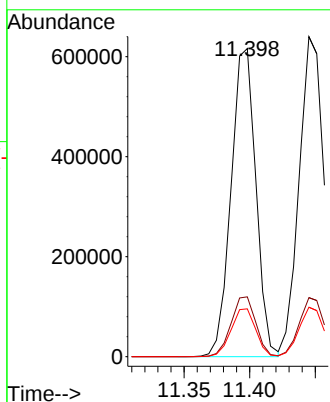
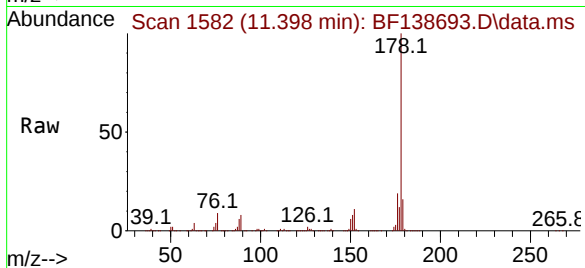




#71
Phenanthrene
Concen: 45.013 ng
RT: 11.398 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

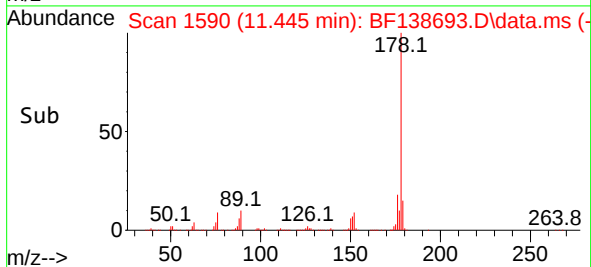
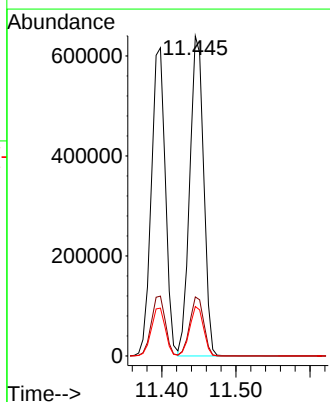
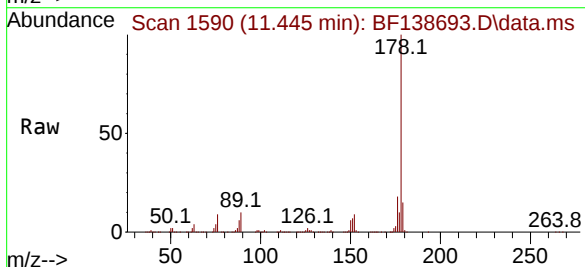
Instrument :
BNA_F
ClientSampleId :
PB162290BS

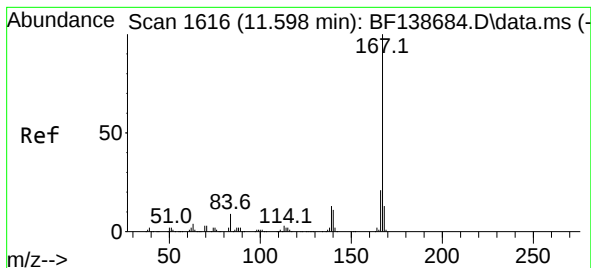
Tgt Ion:178 Resp: 813136
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.5 12.2 18.2



#72
Anthracene
Concen: 46.902 ng
RT: 11.445 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion:178 Resp: 834677
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.5 12.4 18.6





#73

Carbazole

Concen: 45.998 ng

RT: 11.604 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

Instrument :

BNA_F

ClientSampleId :

PB162290BS

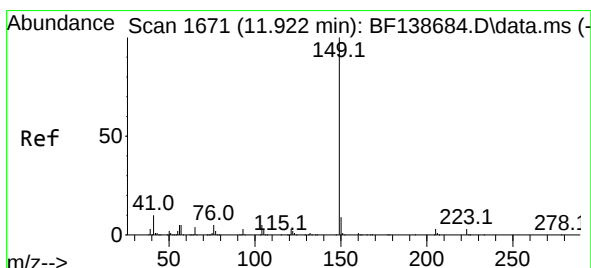
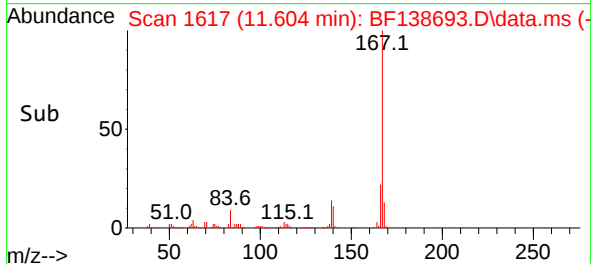
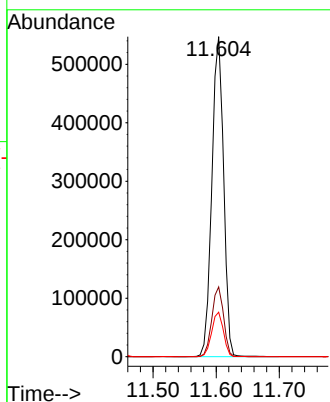
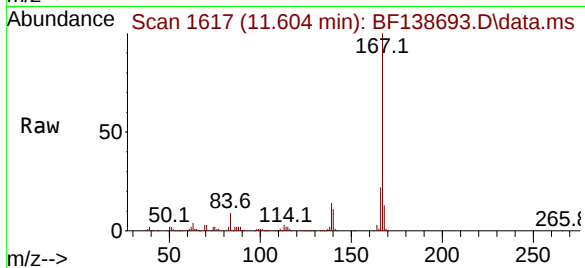
Tgt Ion:167 Resp: 706238

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

139 13.9 10.6 16.0



#74

Di-n-butylphthalate

Concen: 51.301 ng

RT: 11.928 min Scan# 1672

Delta R.T. 0.006 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

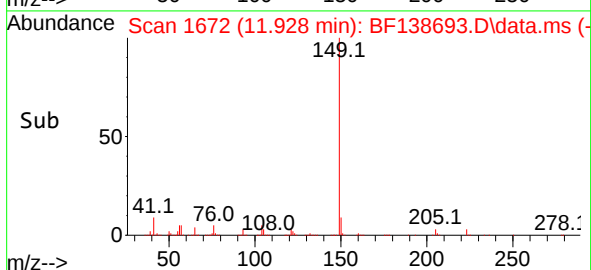
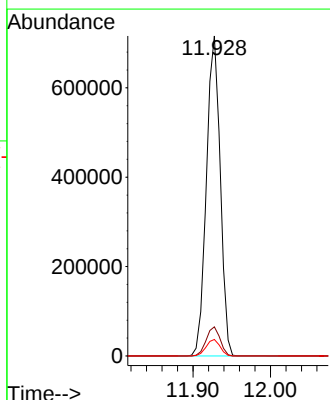
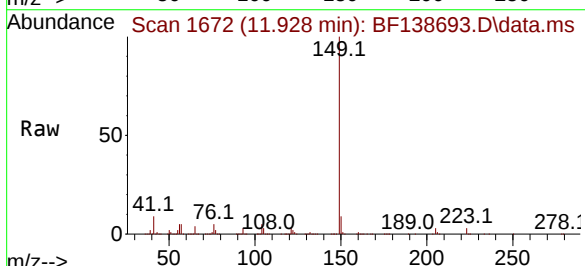
Tgt Ion:149 Resp: 885453

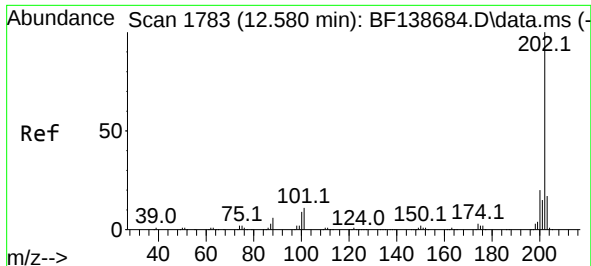
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

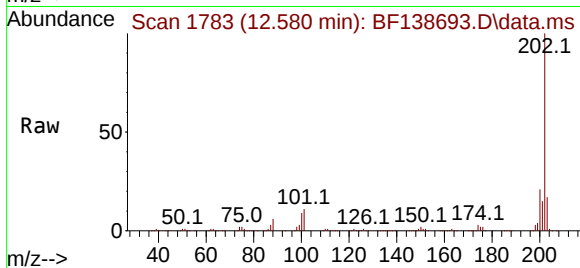
104 5.2 4.1 6.1



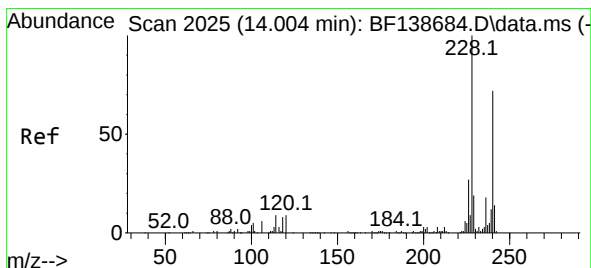
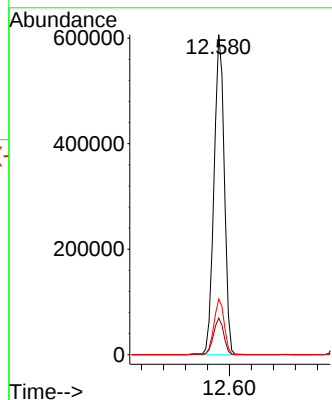
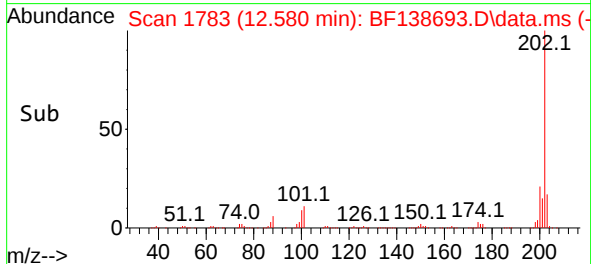


#75
Fluoranthene
Concen: 46.732 ng
RT: 12.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

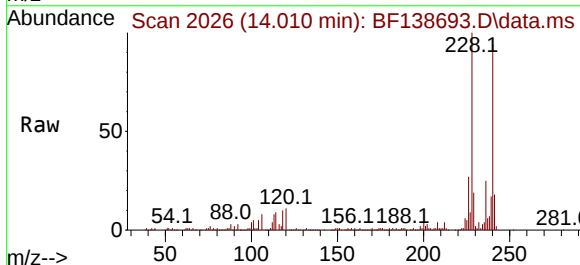
Instrument :
BNA_F
ClientSampleId :
PB162290BS



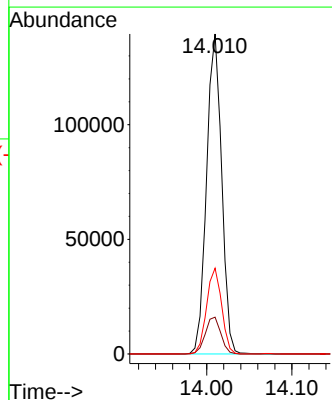
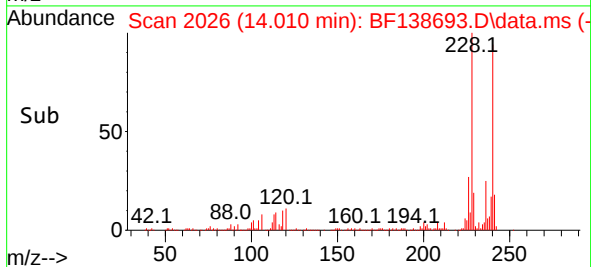
Tgt Ion:202 Resp: 788114
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.2
203 17.4 0.0 37.3

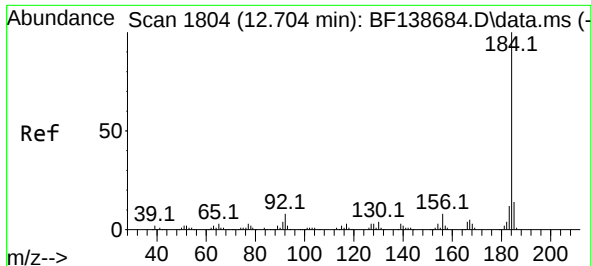


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00



Tgt Ion:240 Resp: 171807
Ion Ratio Lower Upper
240 100
120 11.5 10.2 15.4
236 26.8 19.8 29.8

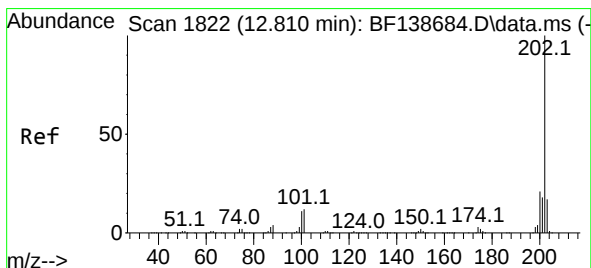
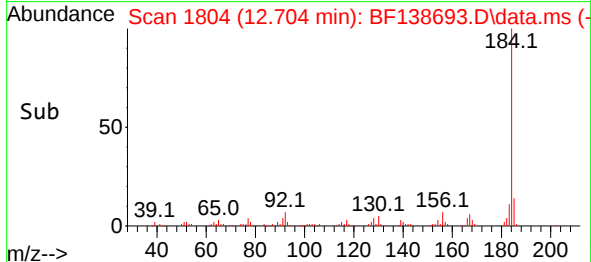
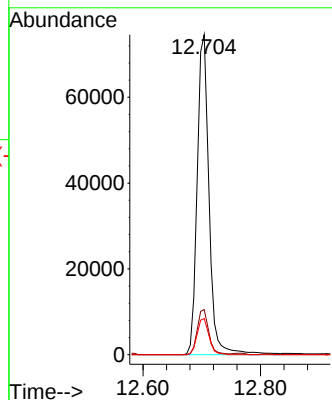
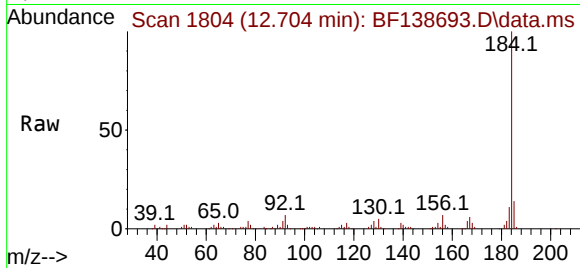




#77
Benzidine
Concen: 25.422 ng
RT: 12.704 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

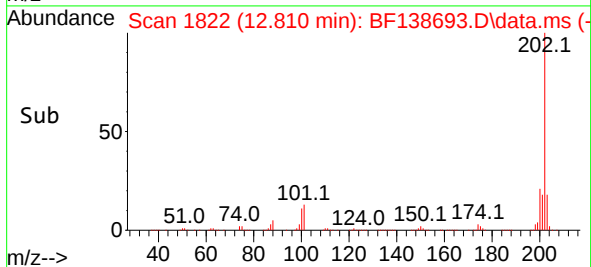
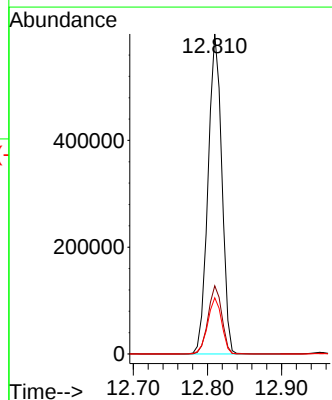
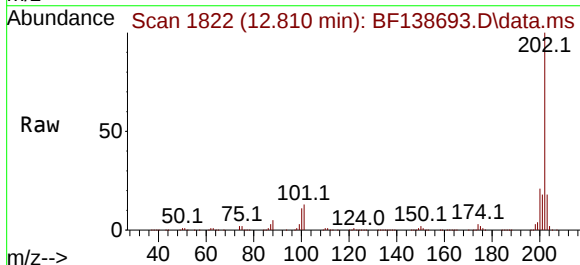
Instrument :
BNA_F
ClientSampleId :
PB162290BS

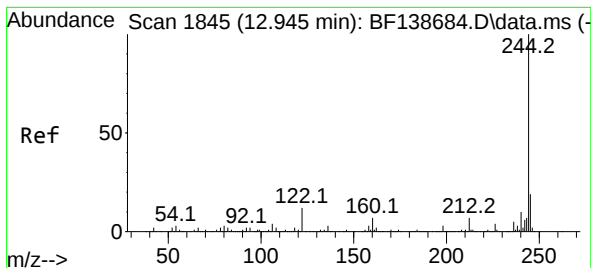
Tgt Ion:184 Resp: 104466
Ion Ratio Lower Upper
184 100
185 14.1 11.1 16.7
183 11.3 9.6 14.4



#78
Pyrene
Concen: 47.746 ng
RT: 12.810 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion:202 Resp: 772342
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 17.6 13.8 20.6





#79

Terphenyl-d14

Concen: 103.651 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.006 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

Instrument :

BNA_F

ClientSampleId :

PB162290BS

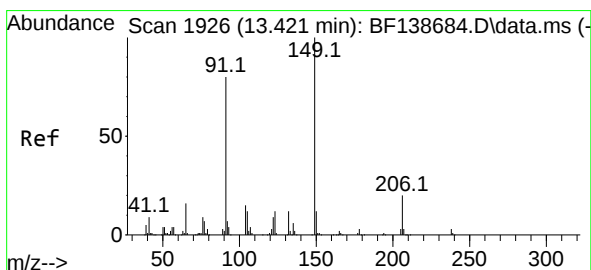
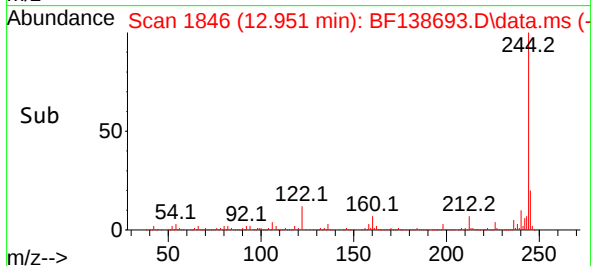
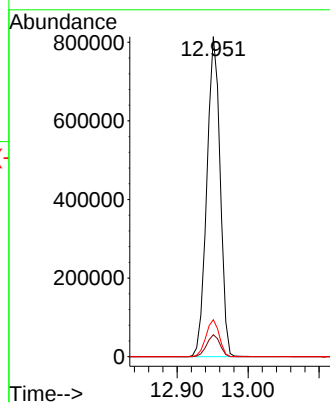
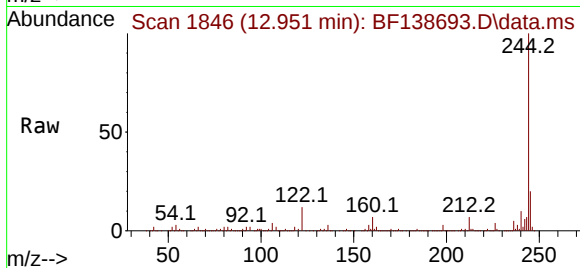
Tgt Ion:244 Resp: 1063623

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.6 9.6 14.4



#80

Butylbenzylphthalate

Concen: 50.060 ng

RT: 13.422 min Scan# 1926

Delta R.T. 0.000 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

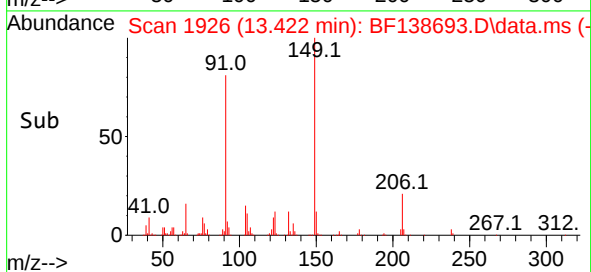
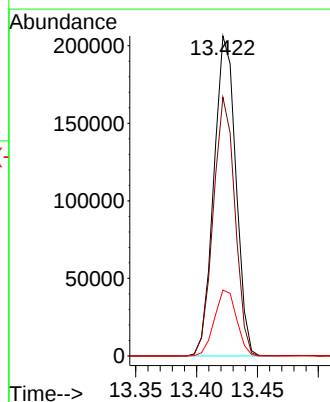
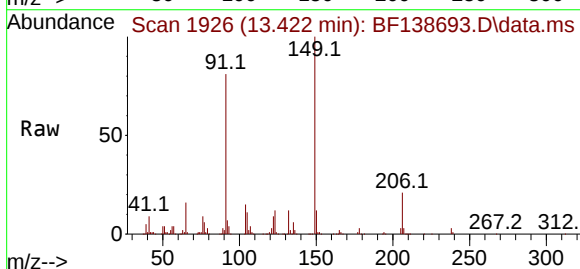
Tgt Ion:149 Resp: 259314

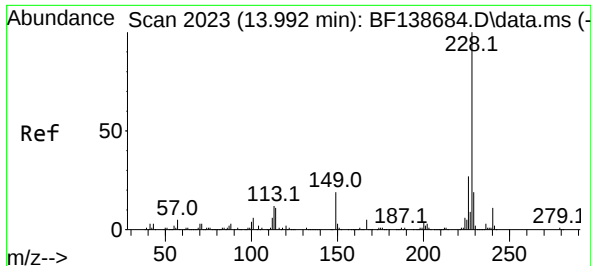
Ion Ratio Lower Upper

149 100

91 80.8 63.7 95.5

206 20.6 16.2 24.2

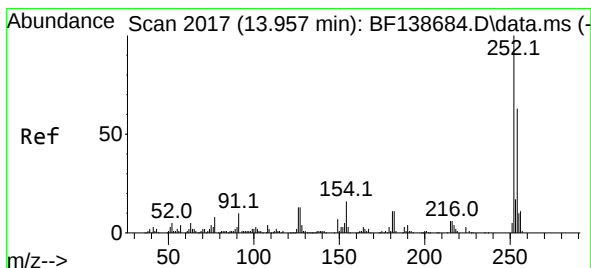
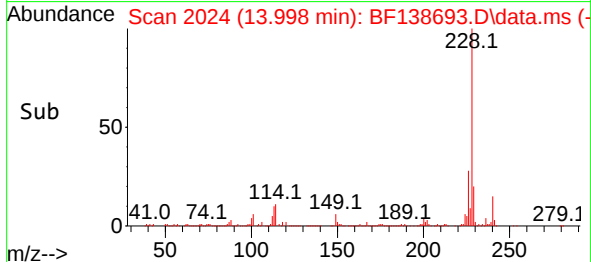
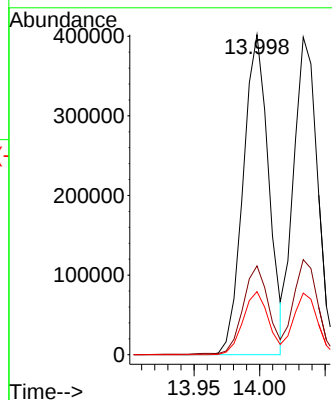
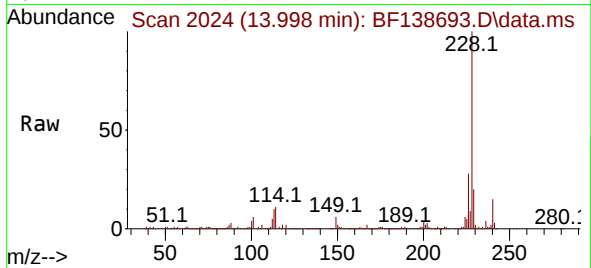




#81
Benzo(a)anthracene
Concen: 46.127 ng
RT: 13.998 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

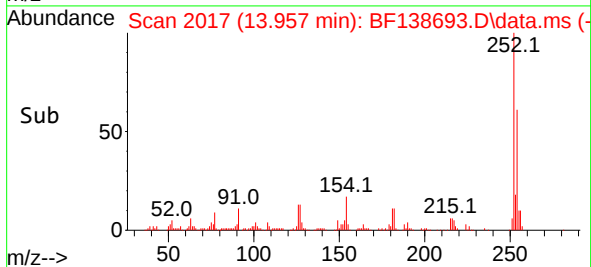
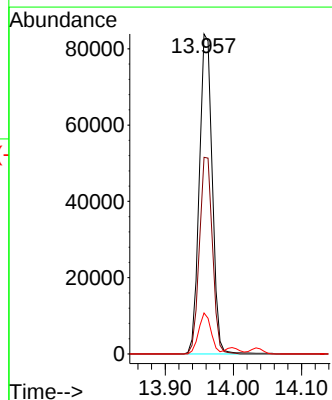
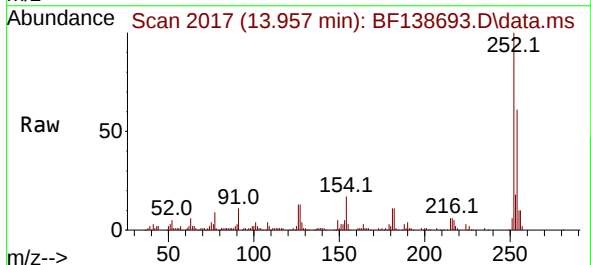
Instrument :
BNA_F
ClientSampleId :
PB162290BS

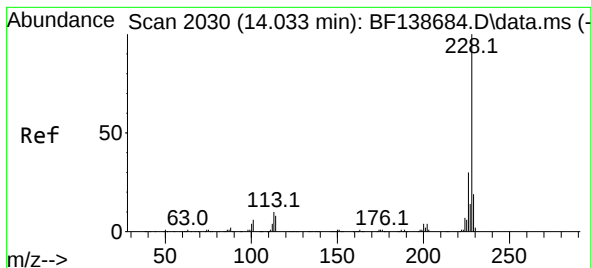
Tgt Ion:228 Resp: 545725
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 19.7 15.4 23.0



#82
3,3'-Dichlorobenzidine
Concen: 36.632 ng
RT: 13.957 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion:252 Resp: 110908
Ion Ratio Lower Upper
252 100
254 61.5 50.8 76.2
126 12.8 10.2 15.2





#83

Chrysene

Concen: 47.314 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

Instrument :

BNA_F

ClientSampleId :

PB162290BS

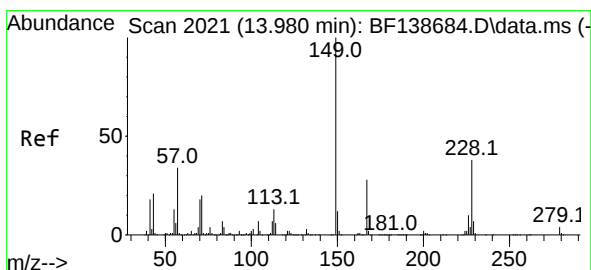
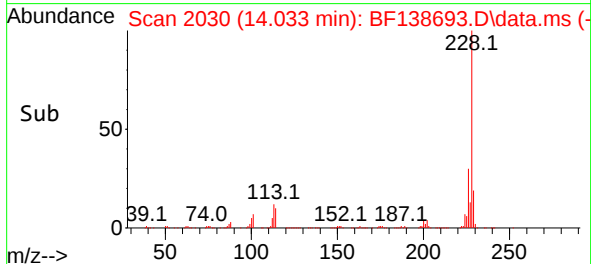
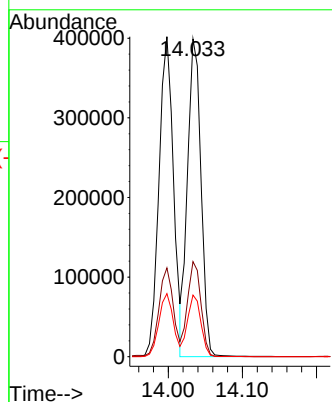
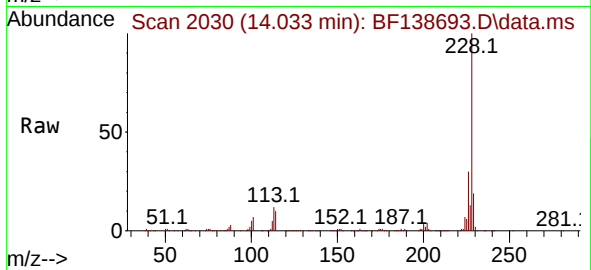
Tgt Ion:228 Resp: 505025

Ion Ratio Lower Upper

228 100

226 29.9 23.7 35.5

229 19.4 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.094 ng

RT: 13.980 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

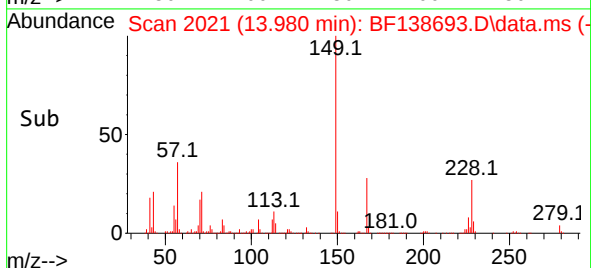
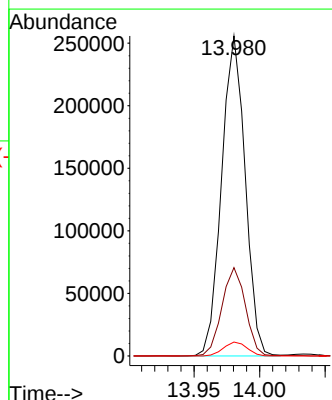
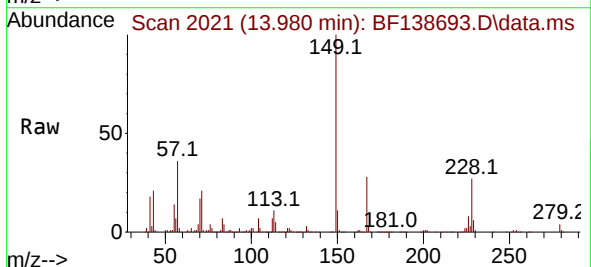
Tgt Ion:149 Resp: 319300

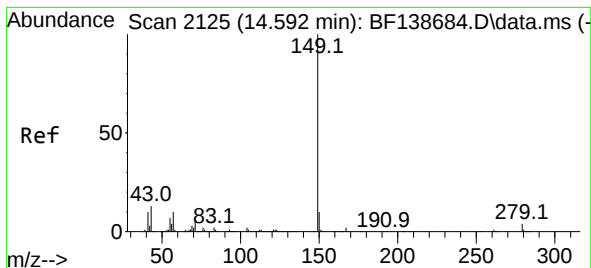
Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.4

279 4.4 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 39.880 ng

RT: 14.592 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

Instrument :

BNA_F

ClientSampleId :

PB162290BS

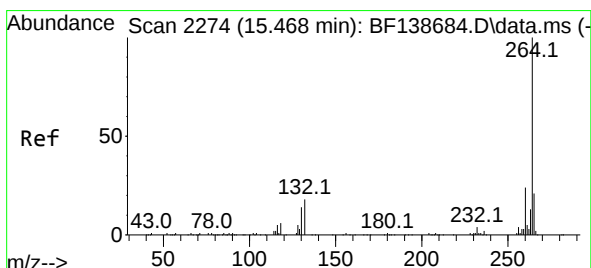
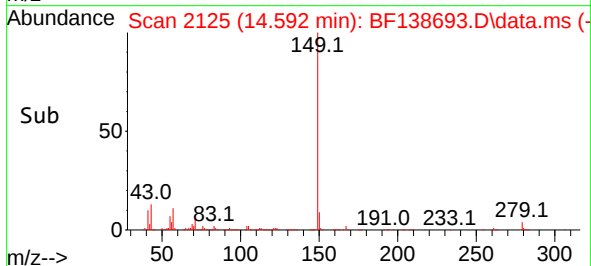
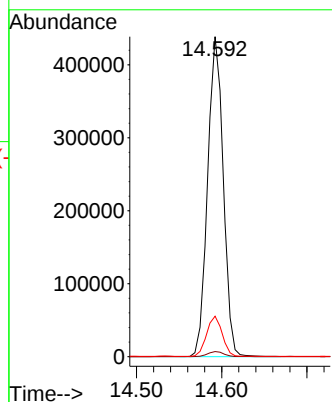
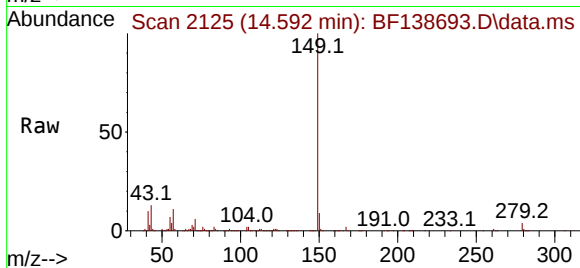
Tgt Ion:149 Resp: 559678

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 12.5 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

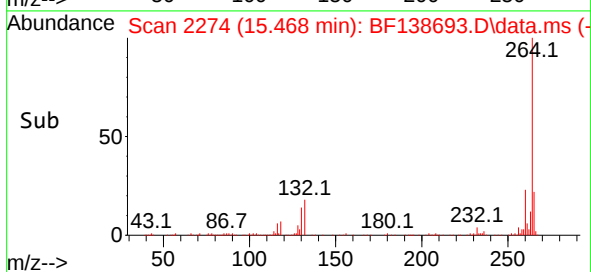
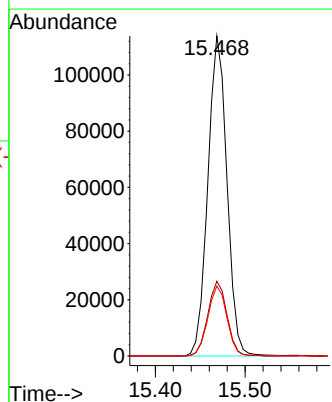
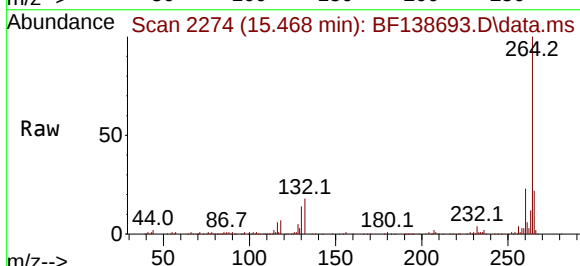
Tgt Ion:264 Resp: 168029

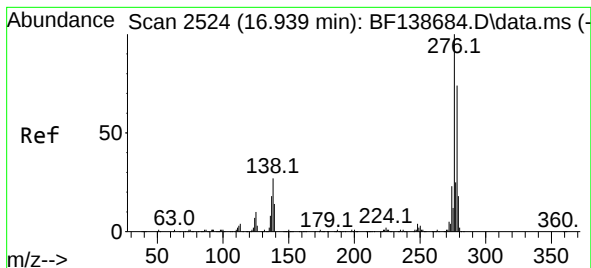
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.495 ng

RT: 16.945 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

Instrument :

BNA_F

ClientSampleId :

PB162290BS

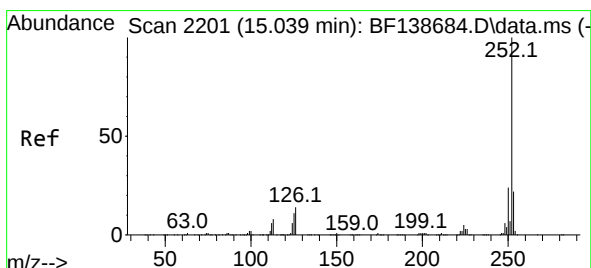
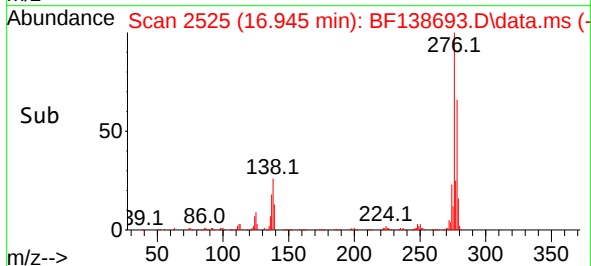
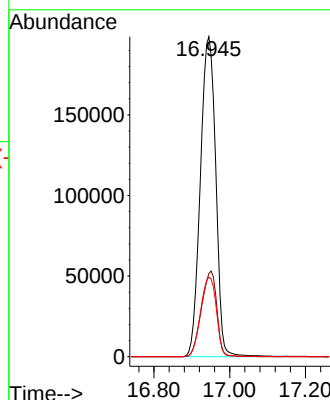
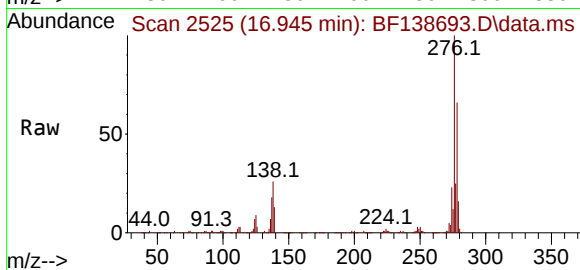
Tgt Ion:276 Resp: 559867

Ion Ratio Lower Upper

276 100

138 26.5 21.8 32.8

277 25.5 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 45.669 ng

RT: 15.045 min Scan# 2202

Delta R.T. 0.006 min

Lab File: BF138693.D

Acq: 31 Jul 2024 10:00

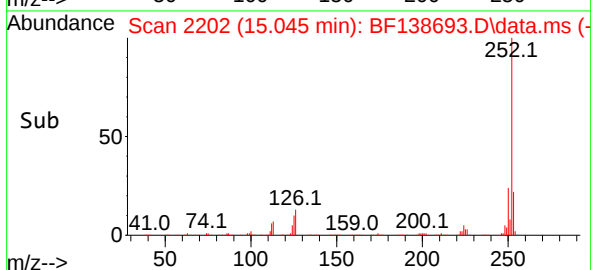
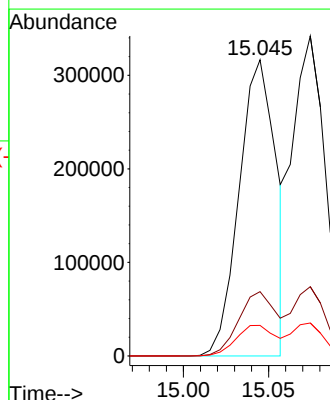
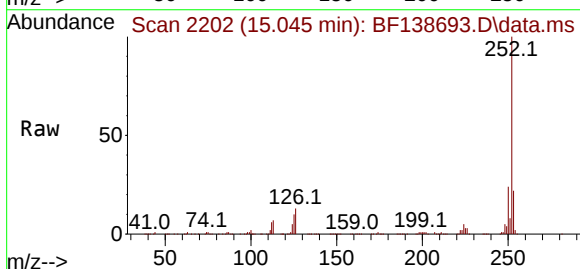
Tgt Ion:252 Resp: 475693

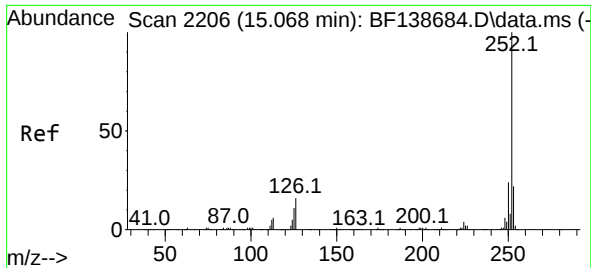
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 10.3 8.9 13.3

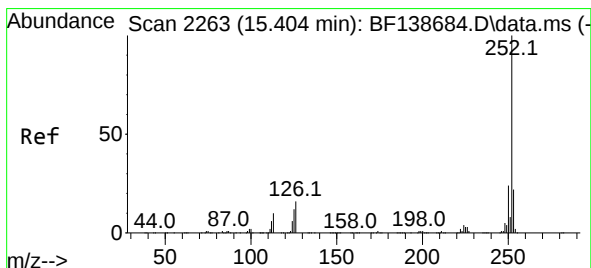
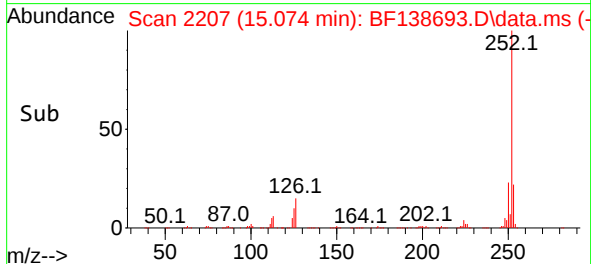
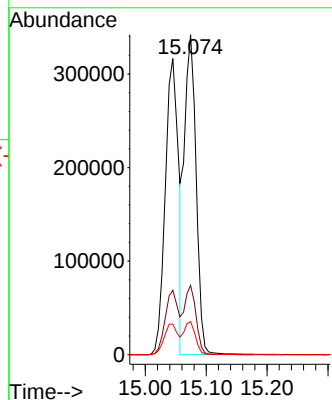
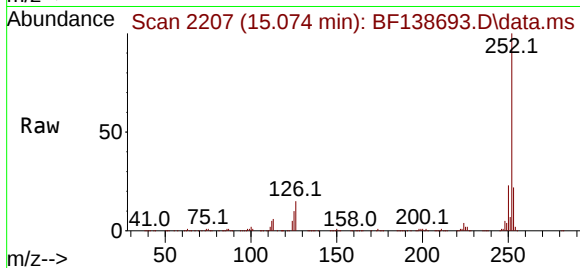




#89
Benzo(k)fluoranthene
Concen: 50.987 ng
RT: 15.074 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

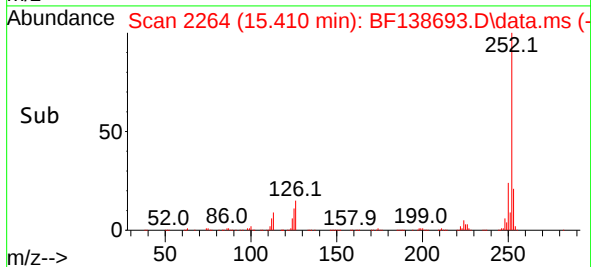
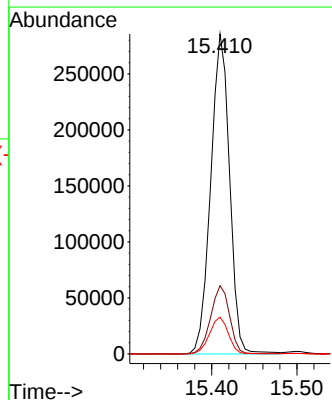
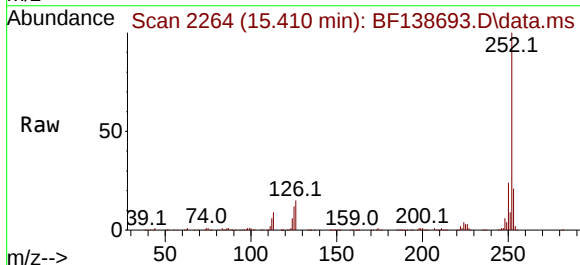
Instrument :
BNA_F
ClientSampleId :
PB162290BS

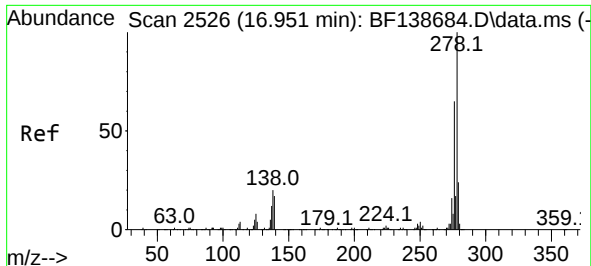
Tgt Ion:252 Resp: 459824
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.3 8.6 13.0



#90
Benzo(a)pyrene
Concen: 50.121 ng
RT: 15.410 min Scan# 2264
Delta R.T. 0.006 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion:252 Resp: 439137
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 11.5 9.5 14.3

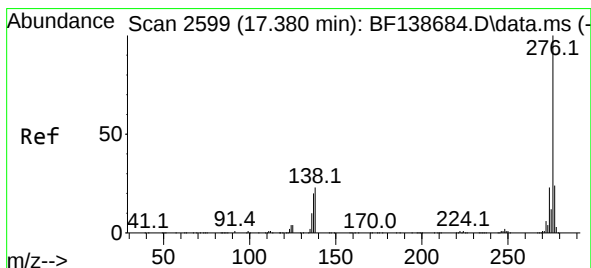
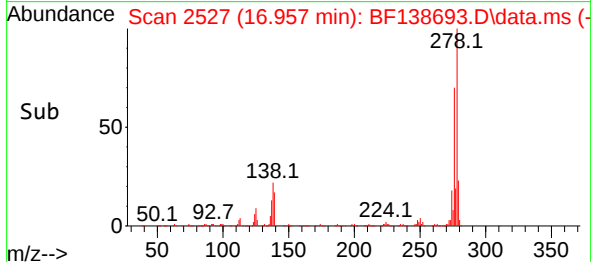
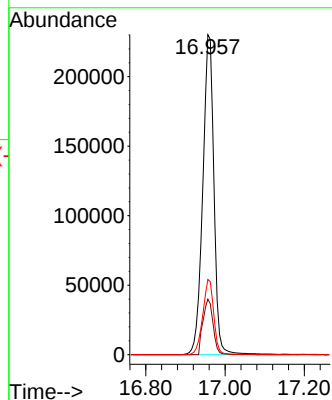
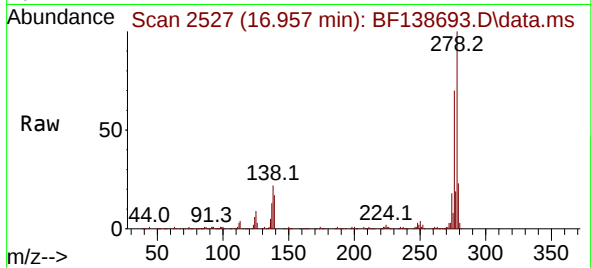




#91
Dibenzo(a,h)anthracene
Concen: 45.707 ng
RT: 16.957 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Instrument :
BNA_F
ClientSampleId :
PB162290BS

Tgt Ion:278 Resp: 451794
Ion Ratio Lower Upper
278 100
139 17.3 14.0 21.0
279 23.5 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 42.142 ng
RT: 17.386 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BF138693.D
Acq: 31 Jul 2024 10:00

Tgt Ion:276 Resp: 432264
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.4
138 23.6 18.5 27.7

