

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
 Data File : BF138909.D
 Acq On : 10 Aug 2024 14:48
 Operator : RC/JU
 Sample : P3415-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-70-85MS

Quant Time: Aug 12 01:14:47 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	6.839	152	35990	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	150436	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	82692	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	131267	20.000	ng	0.00
76) Chrysene-d12	14.004	240	65057	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	78552	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	147836	63.409	ng	0.00
7) Phenol-d6	6.481	99	121770	38.901	ng	0.00
23) Nitrobenzene-d5	7.410	82	332965	108.213	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	109396	161.504	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	606000	110.109	ng	0.00
79) Terphenyl-d14	12.939	244	452479	116.447	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	17841	17.479	ng	# 93
3) Pyridine	3.393	79	40636	16.434	ng	# 95
4) n-Nitrosodimethylamine	3.340	42	36552	24.820	ng	# 79
6) Aniline	6.504	93	104381	37.391	ng	98
8) 2-Chlorophenol	6.634	128	113874	46.423	ng	96
9) Benzaldehyde	6.398	77	7397	3.942	ng	95
10) Phenol	6.498	94	54727	16.605	ng	# 34
11) bis(2-Chloroethyl)ether	6.575	93	137253	54.117	ng	100
12) 1,3-Dichlorobenzene	6.781	146	118609	43.196	ng	99
13) 1,4-Dichlorobenzene	6.857	146	122239	44.113	ng	99
14) 1,2-Dichlorobenzene	7.010	146	117841	45.503	ng	99
15) Benzyl Alcohol	6.987	79	88176	39.083	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	229123	52.494	ng	72
17) 2-Methylphenol	7.104	107	78184	38.599	ng	# 80
18) Hexachloroethane	7.345	117	44245	42.418	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	117233	62.008	ng	99
20) 3+4-Methylphenols	7.257	107	92394	35.552	ng	# 82
22) Acetophenone	7.251	105	206267	55.999	ng	96
24) Nitrobenzene	7.428	77	171715	54.843	ng	99
25) Isophorone	7.663	82	309213	58.853	ng	98
26) 2-Nitrophenol	7.739	139	76843	57.045	ng	93
27) 2,4-Dimethylphenol	7.781	122	92710	57.523	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	178889	55.911	ng	99
29) 2,4-Dichlorophenol	7.986	162	114484	55.278	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	111647	46.714	ng	99
31) Naphthalene	8.145	128	395728	49.975	ng	100
32) Benzoic acid	7.904	122	10972	8.660	ng	94
33) 4-Chloroaniline	8.198	127	123648	46.518	ng	98
34) Hexachlorobutadiene	8.251	225	64626	44.643	ng	99
35) Caprolactam	8.581	113	4837	7.827	ng	96
36) 4-Chloro-3-methylphenol	8.681	107	123221	52.060	ng	99
37) 2-Methylnaphthalene	8.833	142	275217	55.033	ng	100
38) 1-Methylnaphthalene	8.933	142	262735	53.614	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	119888	52.191	ng	98
41) Hexachlorocyclopentadiene	8.980	237	63003	101.566	ng	100
43) 2,4,6-Trichlorophenol	9.116	196	77816	55.561	ng	99

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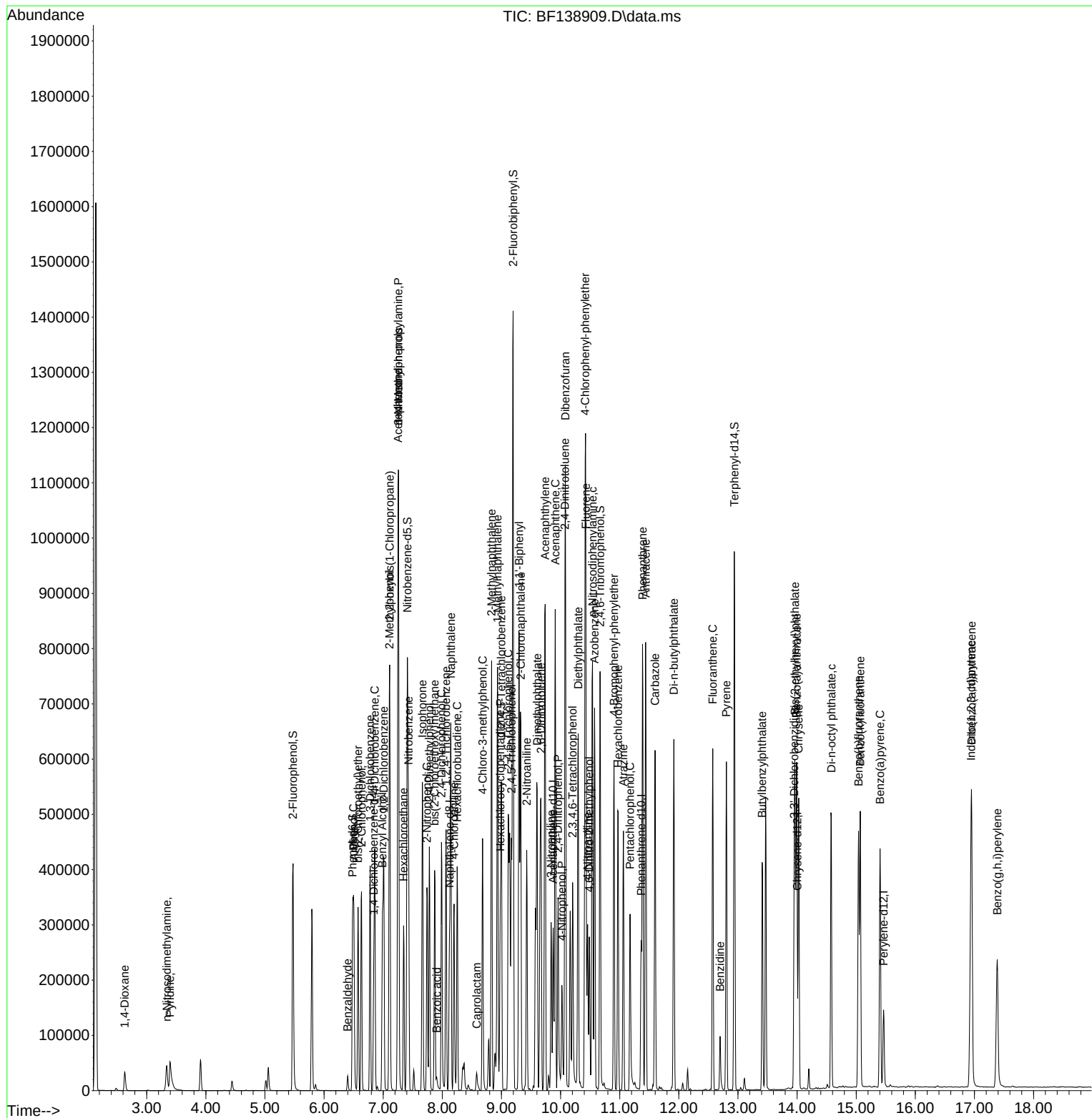
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	78968	51.576	ng	96
46) 1,1'-Biphenyl	9.298	154	342866	52.942	ng	99
47) 2-Chloronaphthalene	9.328	162	265124	55.043	ng	99
48) 2-Nitroaniline	9.428	65	101555	62.193	ng	96
49) Acenaphthylene	9.739	152	424290	62.109	ng	99
50) Dimethylphthalate	9.604	163	334319	63.229	ng	99
51) 2,6-Dinitrotoluene	9.669	165	71911	60.264	ng	91
52) Acenaphthene	9.910	154	261852	57.021	ng	99
53) 3-Nitroaniline	9.839	138	55431	44.935	ng	95
54) 2,4-Dinitrophenol	9.957	184	60363	109.890	ng	85
55) Dibenzofuran	10.080	168	391749	60.433	ng	99
56) 4-Nitrophenol	10.022	139	14922	20.116	ng	# 78
57) 2,4-Dinitrotoluene	10.075	165	92033	60.451	ng	# 82
58) Fluorene	10.427	166	312575	60.551	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	66170	56.529	ng	96
60) Diethylphthalate	10.298	149	317546	63.339	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	157125	61.888	ng	98
62) 4-Nitroaniline	10.457	138	63363	54.051	ng	89
63) Azobenzene	10.575	77	333325	59.947	ng	97
65) 4,6-Dinitro-2-methylph...	10.486	198	47204	58.943	ng	91
66) n-Nitrosodiphenylamine	10.539	169	260717	63.541	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	89002	62.624	ng	99
68) Hexachlorobenzene	10.974	284	89394	60.919	ng	97
69) Atrazine	11.063	200	73130	69.081	ng	99
70) Pentachlorophenol	11.174	266	56221	85.000	ng	97
71) Phenanthrene	11.386	178	418918	61.977	ng	99
72) Anthracene	11.439	178	427343	64.178	ng	99
73) Carbazole	11.598	167	330296	57.495	ng	98
74) Di-n-butylphthalate	11.916	149	414803	64.230	ng	99
75) Fluoranthene	12.574	202	338766	53.686	ng	98
77) Benzidine	12.698	184	53140	34.151	ng	99
78) Pyrene	12.804	202	330576	53.969	ng	100
80) Butylbenzylphthalate	13.410	149	126206	64.342	ng	99
81) Benzo(a)anthracene	13.992	228	272253	60.771	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	77558	67.651	ng	99
83) Chrysene	14.027	228	248656	61.521	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	179058	62.340	ng	97
85) Di-n-octyl phthalate	14.580	149	319070	60.041	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	299773	53.252	ng	97
88) Benzo(b)fluoranthene	15.039	252	269722	55.391	ng	98
89) Benzo(k)fluoranthene	15.068	252	275502	65.346	ng	99
90) Benzo(a)pyrene	15.404	252	260458	63.590	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	245880	53.210	ng	99
92) Benzo(g,h,i)perylene	17.386	276	214902	44.816	ng	96

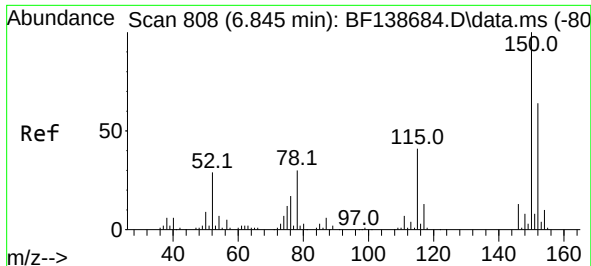
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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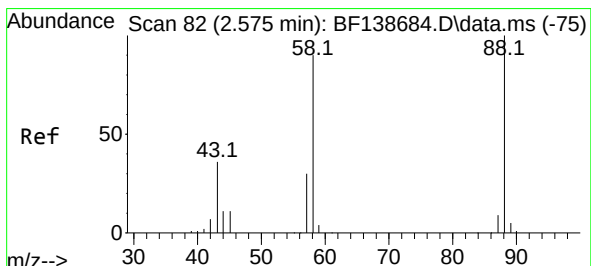
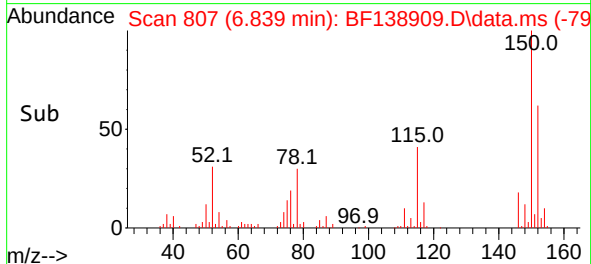
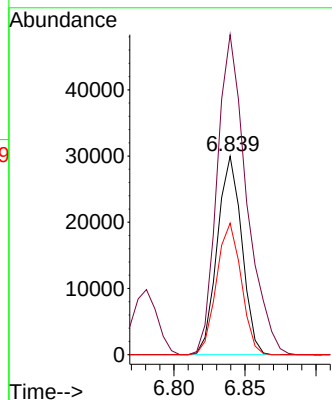
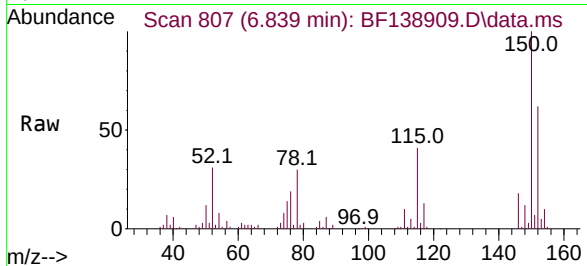




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

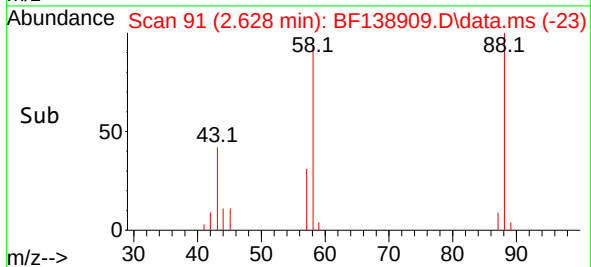
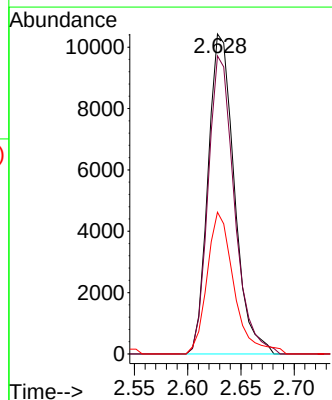
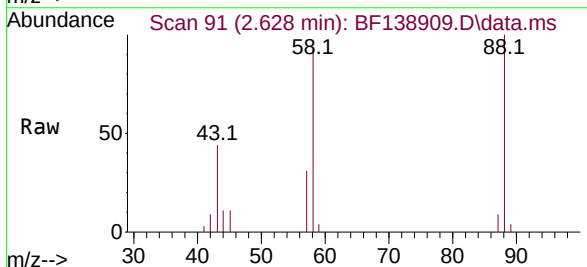
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

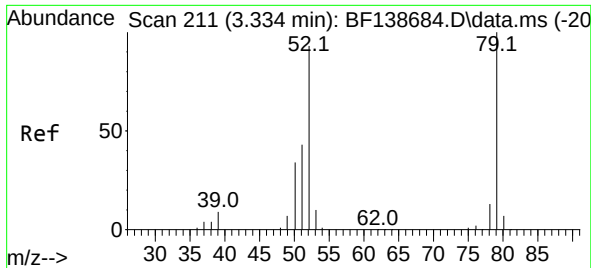
Tgt Ion:152 Resp: 35990
Ion Ratio Lower Upper
152 100
150 161.4 126.0 189.0
115 66.3 51.7 77.5



#2
1,4-Dioxane
Concen: 17.479 ng
RT: 2.628 min Scan# 91
Delta R.T. 0.053 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion: 88 Resp: 17841
Ion Ratio Lower Upper
88 100
58 93.2 71.6 107.4
43 45.4 28.7 43.1#





#3

Pyridine

Concen: 16.434 ng

RT: 3.393 min Scan# 211

Delta R.T. 0.059 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

Instrument :

BNA_F

ClientSampleId :

MLS-15-70-85MS

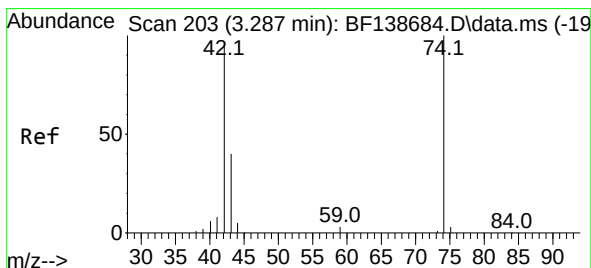
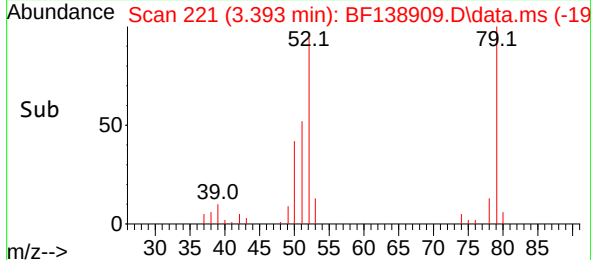
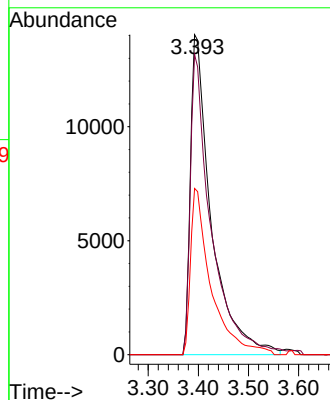
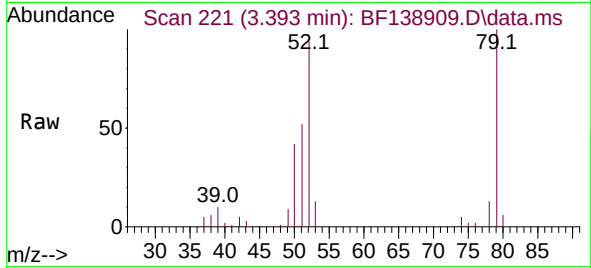
Tgt Ion: 79 Resp: 40636

Ion Ratio Lower Upper

79 100

52 93.7 74.7 112.1

51 52.0 34.6 51.8#



#4

n-Nitrosodimethylamine

Concen: 24.820 ng

RT: 3.340 min Scan# 212

Delta R.T. 0.053 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

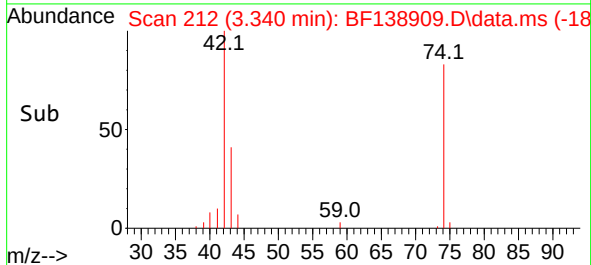
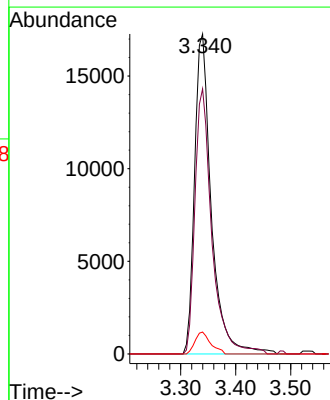
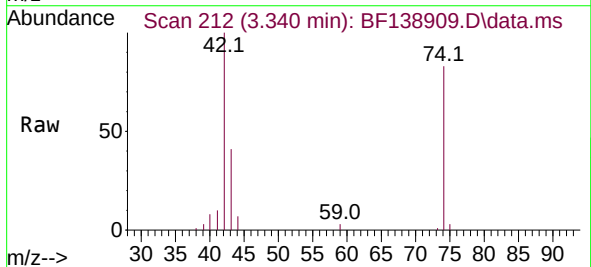
Tgt Ion: 42 Resp: 36552

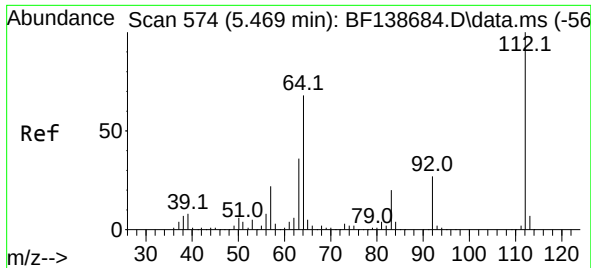
Ion Ratio Lower Upper

42 100

74 82.9 84.2 126.4#

44 6.9 4.9 7.3

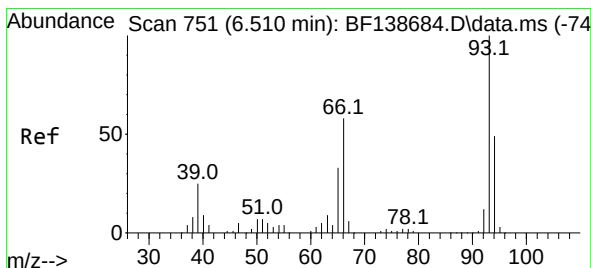
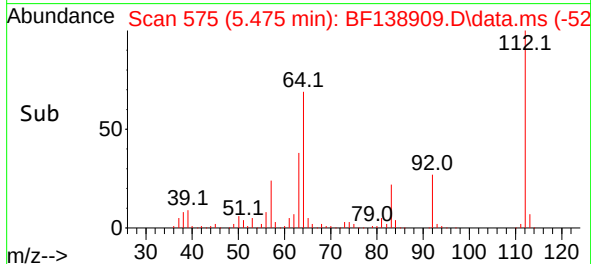
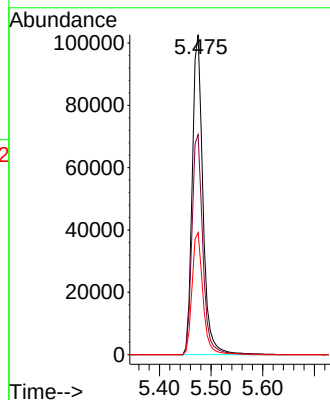
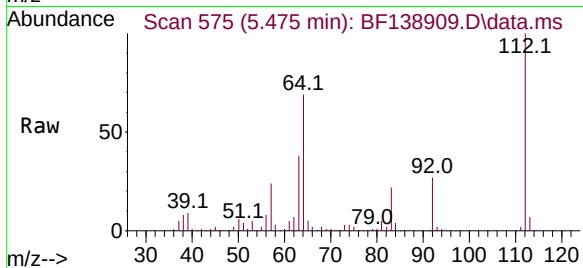




#5
2-Fluorophenol
Concen: 63.409 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF138909.D
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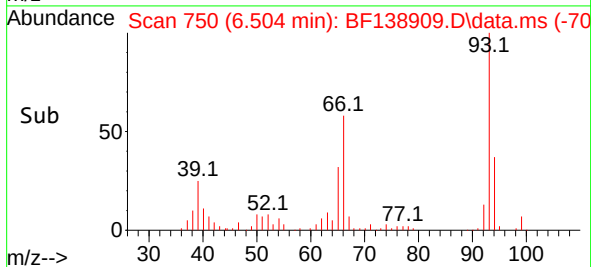
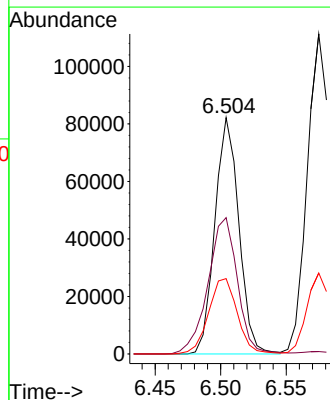
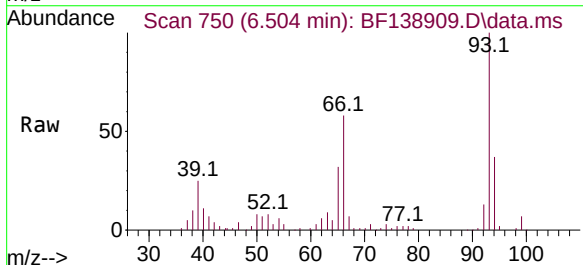
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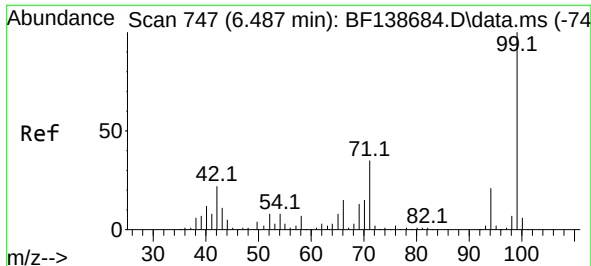
Tgt Ion:112 Resp: 147836
Ion Ratio Lower Upper
112 100
64 68.7 54.2 81.4
63 38.2 28.7 43.1



#6
Aniline
Concen: 37.391 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF138909.D
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Tgt Ion: 93 Resp: 104381
Ion Ratio Lower Upper
93 100
66 57.7 46.9 70.3
65 31.9 26.5 39.7

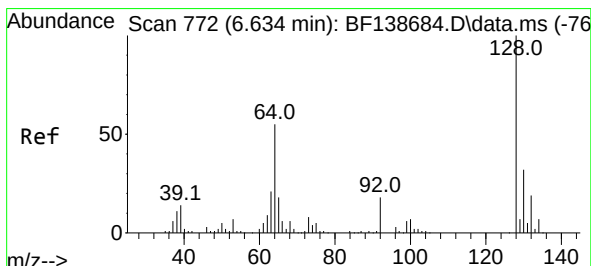
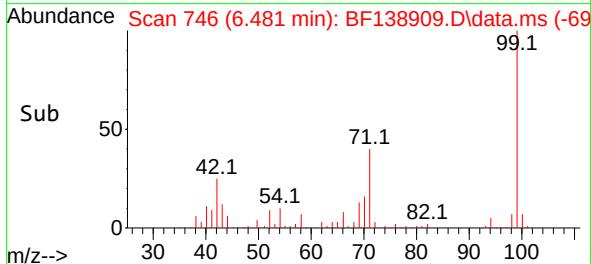
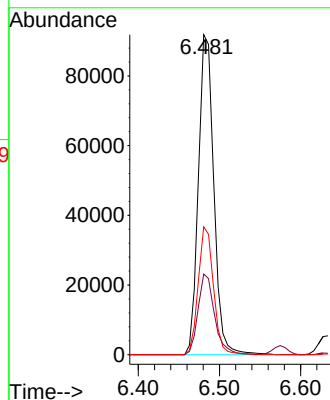
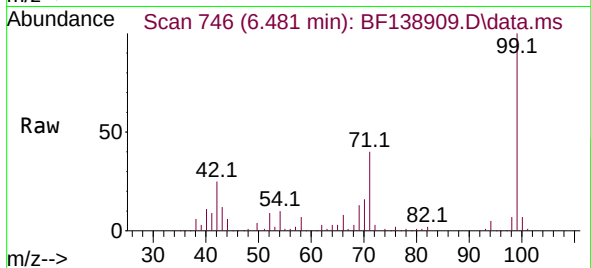




#7
Phenol-d6
Concen: 38.901 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

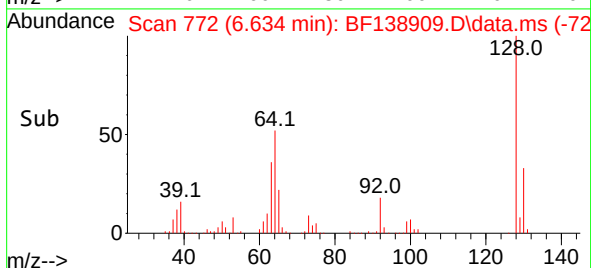
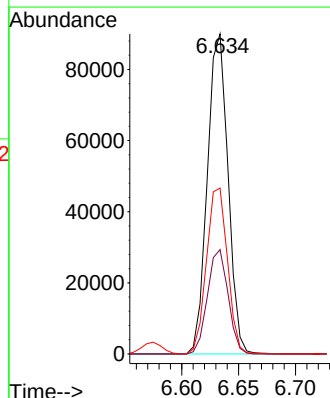
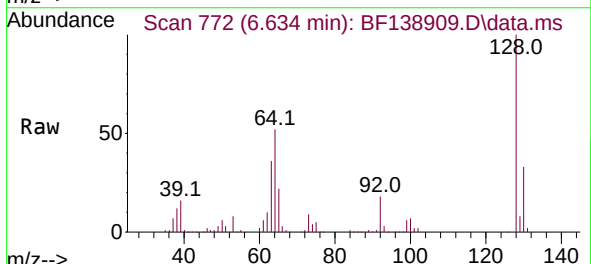
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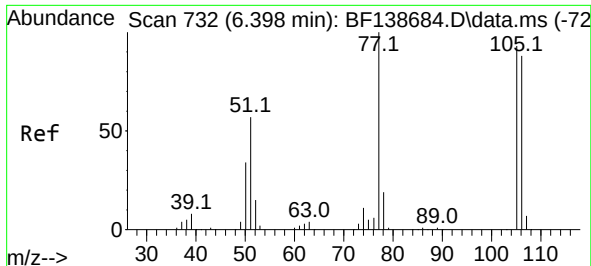
Tgt Ion: 99 Resp: 121770
Ion Ratio Lower Upper
99 100
42 25.2 17.4 26.0
71 39.9 28.1 42.1



#8
2-Chlorophenol
Concen: 46.423 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion: 128 Resp: 113874
Ion Ratio Lower Upper
128 100
130 32.6 12.0 52.0
64 51.8 36.3 76.3





#9

Benzaldehyde

Concen: 3.942 ng

RT: 6.398 min Scan# 732

Delta R.T. 0.000 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

Instrument :

BNA_F

ClientSampleId :

MLS-15-70-85MS

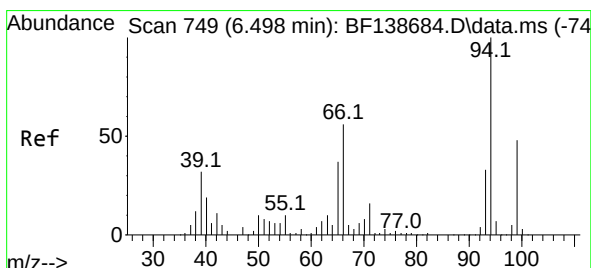
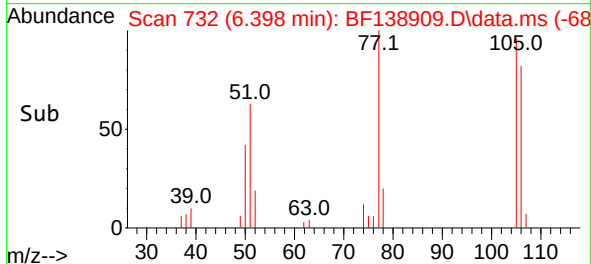
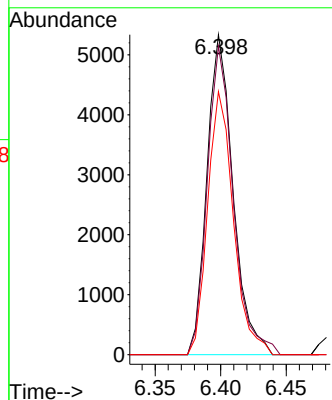
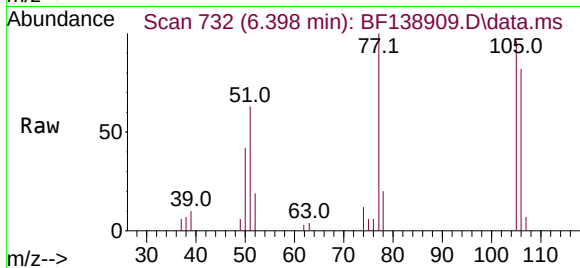
Tgt Ion: 77 Resp: 7397

Ion Ratio Lower Upper

77 100

105 96.4 72.9 112.9

106 82.2 68.4 108.4



#10

Phenol

Concen: 16.605 ng

RT: 6.498 min Scan# 749

Delta R.T. -0.000 min

Lab File: BF138909.D

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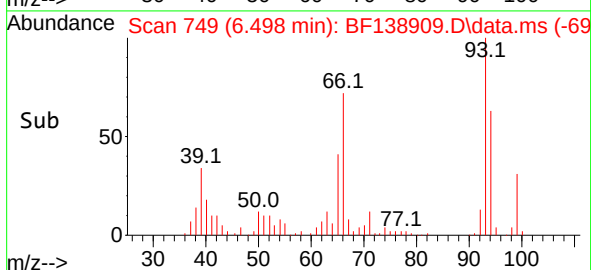
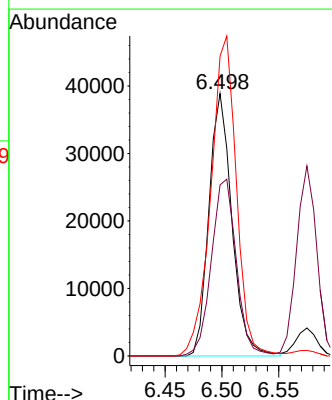
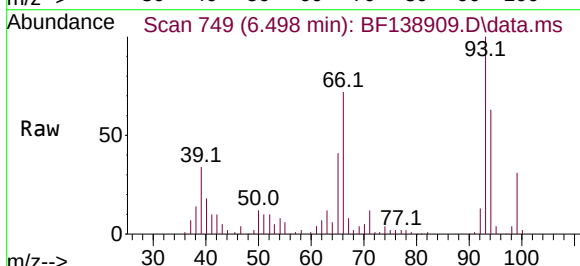
Tgt Ion: 94 Resp: 54727

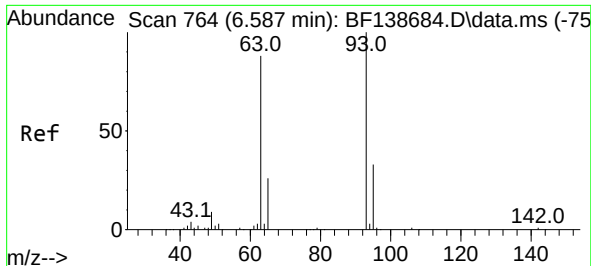
Ion Ratio Lower Upper

94 100

65 65.2 16.9 56.9#

66 114.2 36.5 76.5#

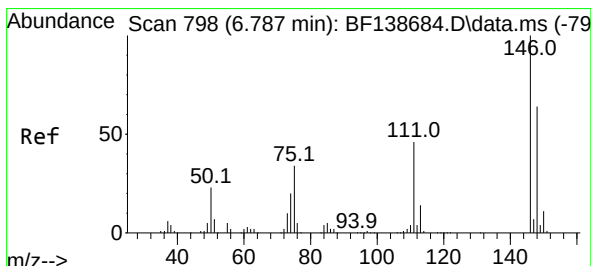
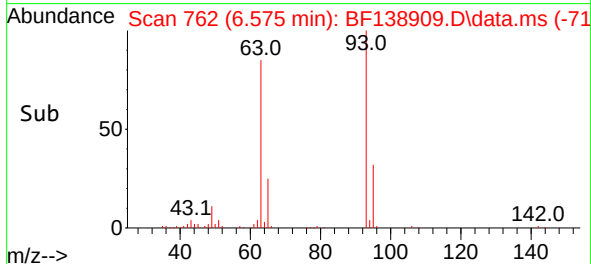
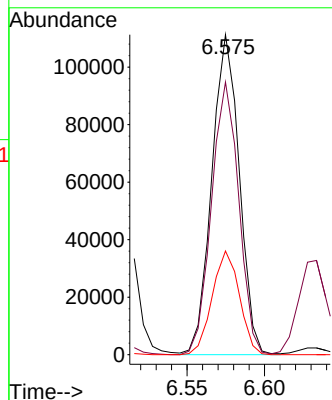
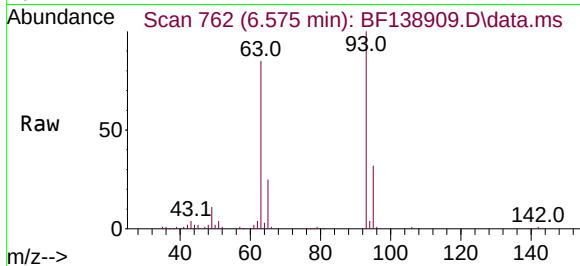




#11
bis(2-Chloroethyl)ether
Concen: 54.117 ng
RT: 6.575 min Scan# 701
Delta R.T. -0.012 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

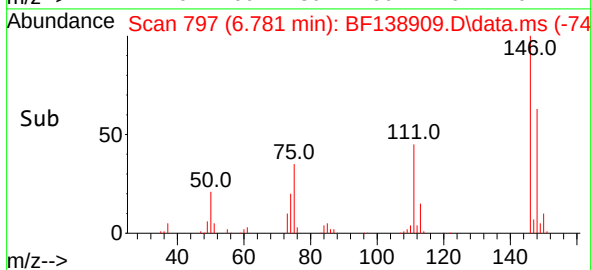
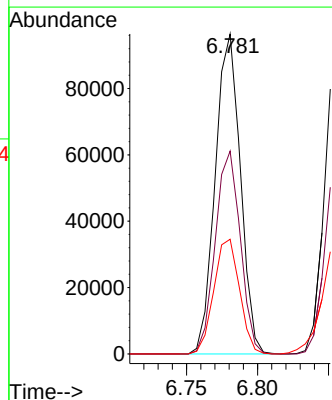
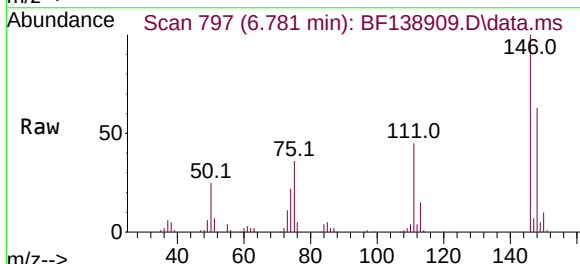
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

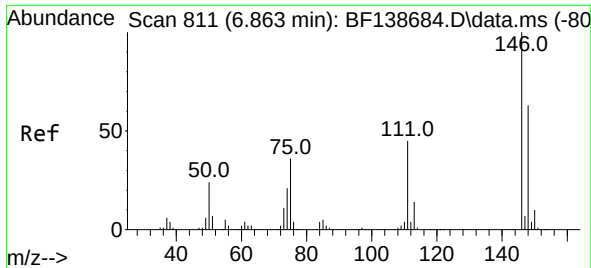
Tgt Ion: 93 Resp: 137253
Ion Ratio Lower Upper
93 100
63 85.2 65.3 105.3
95 32.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 43.196 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion:146 Resp: 118609
Ion Ratio Lower Upper
146 100
148 63.4 51.2 76.8
75 35.8 27.4 41.2

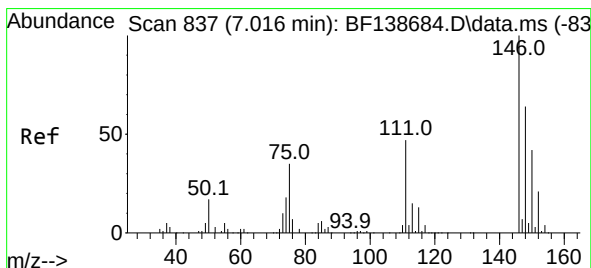
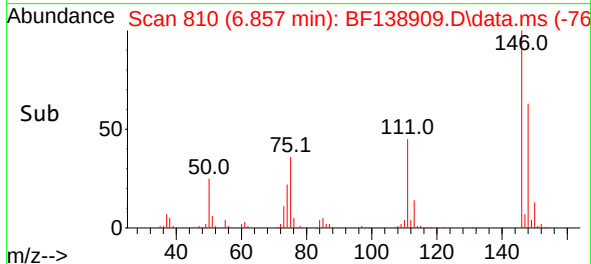
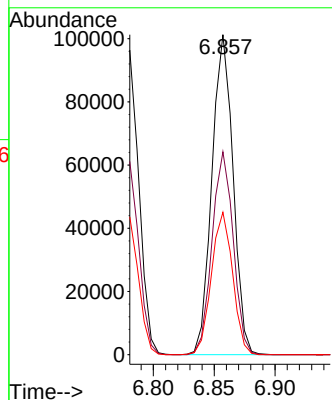
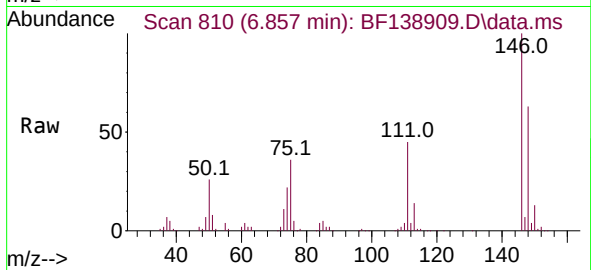




#13
1,4-Dichlorobenzene
Concen: 44.113 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

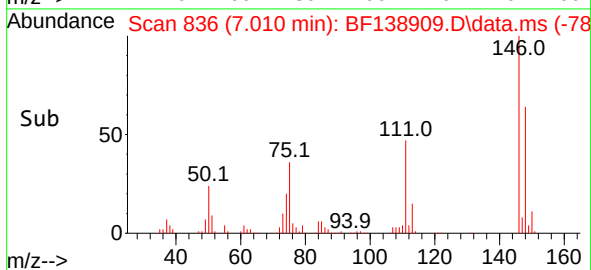
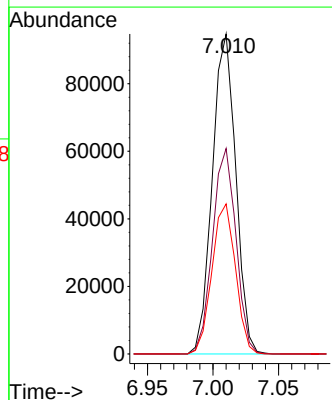
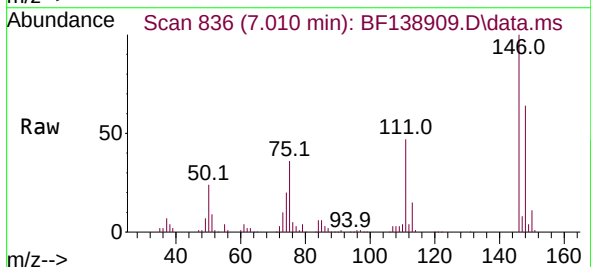
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

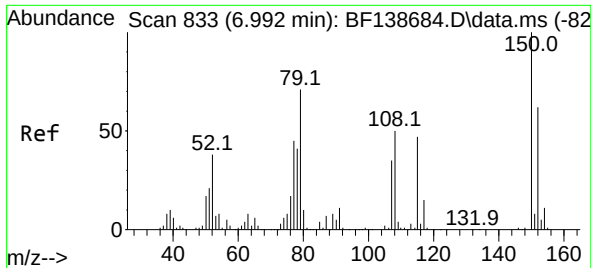
Tgt Ion:146 Resp: 122239
Ion Ratio Lower Upper
146 100
148 63.4 50.2 75.2
111 44.5 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 45.503 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion:146 Resp: 117841
Ion Ratio Lower Upper
146 100
148 64.2 50.8 76.2
111 46.9 37.4 56.2

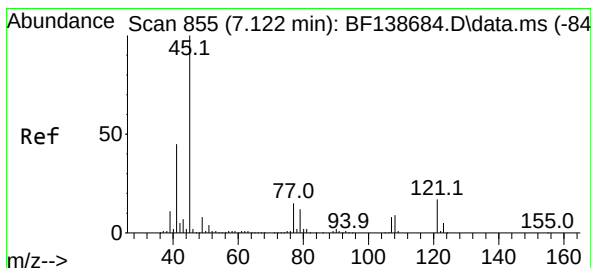
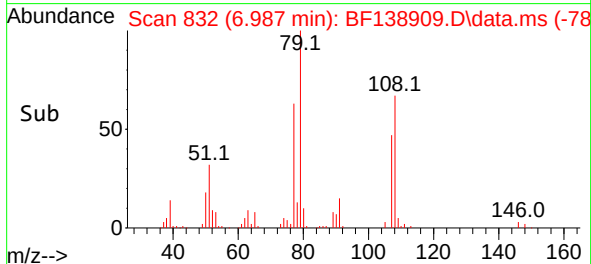
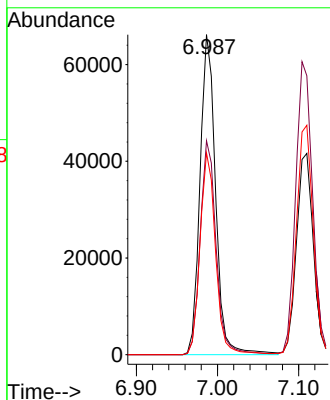
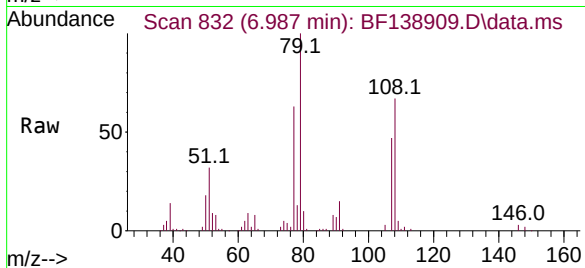




#15
Benzyl Alcohol
Concen: 39.083 ng
RT: 6.987 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

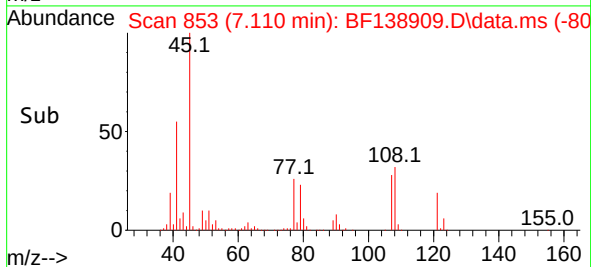
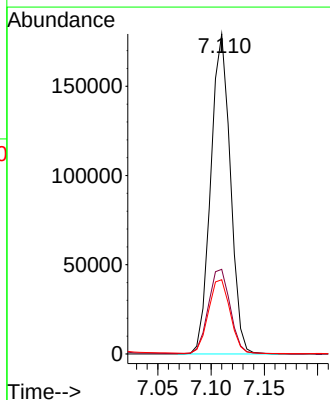
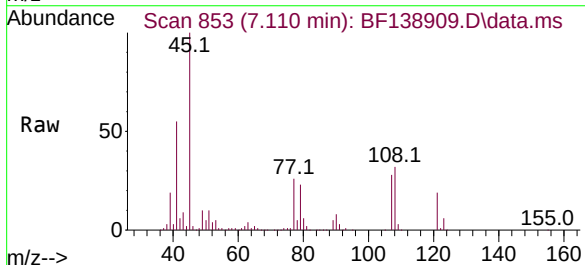
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

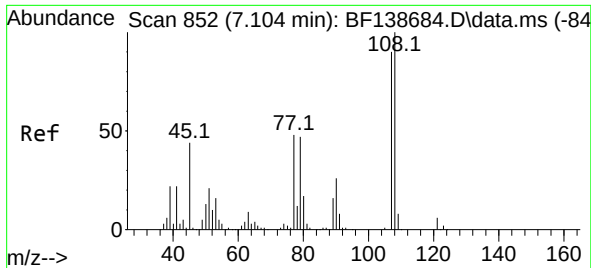
Tgt Ion: 79 Resp: 88176
Ion Ratio Lower Upper
79 100
108 66.9 56.6 85.0
77 63.1 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.494 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion: 45 Resp: 229123
Ion Ratio Lower Upper
45 100
77 26.5 0.0 34.9
79 23.2 0.0 32.2

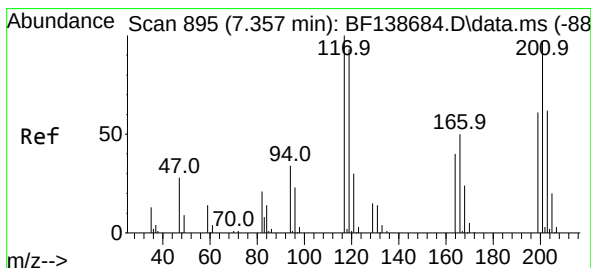
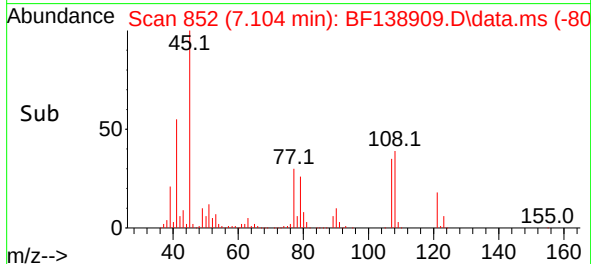
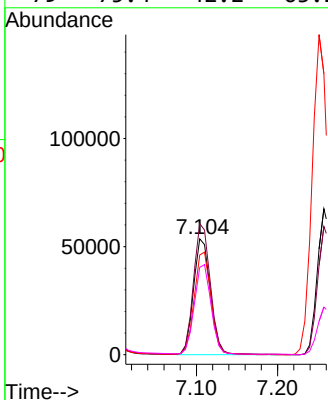
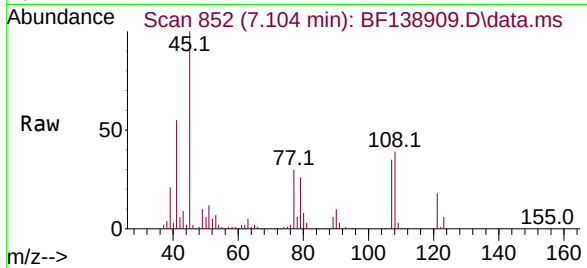




#17
2-Methylphenol
Concen: 38.599 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

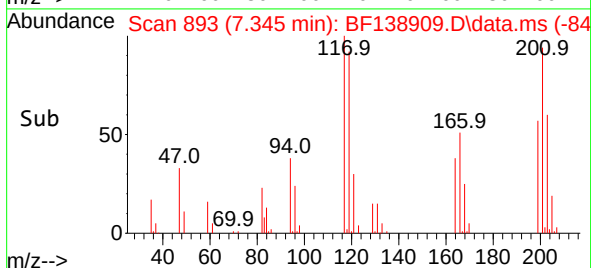
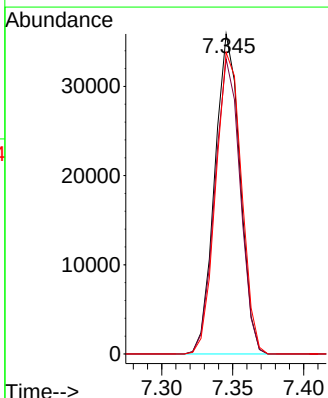
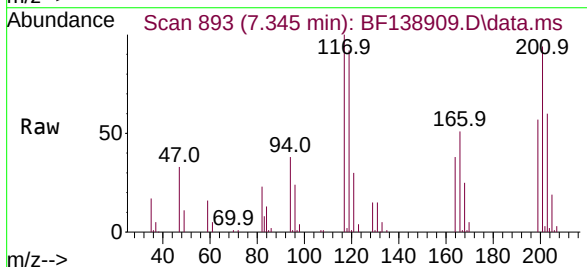
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

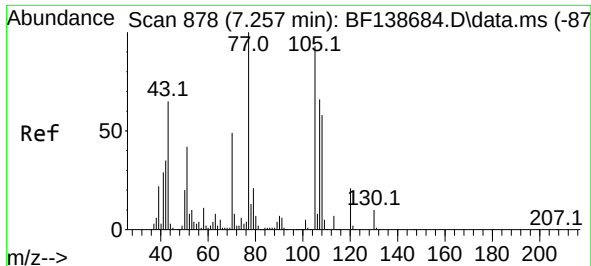
Tgt Ion:107 Resp: 78184
Ion Ratio Lower Upper
107 100
108 113.1 89.2 133.8
77 86.0 43.0 64.4#
79 75.4 42.2 63.2#



#18
Hexachloroethane
Concen: 42.418 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

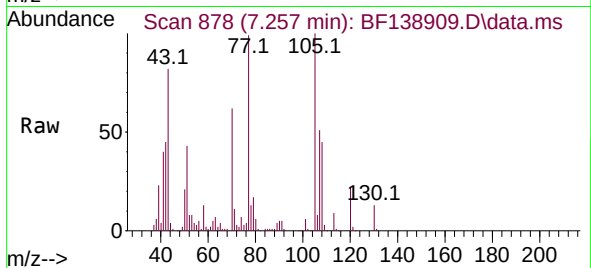
Tgt Ion:117 Resp: 44245
Ion Ratio Lower Upper
117 100
119 92.2 74.6 111.8
201 94.2 77.2 115.8





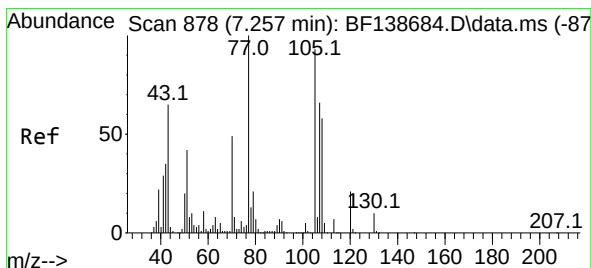
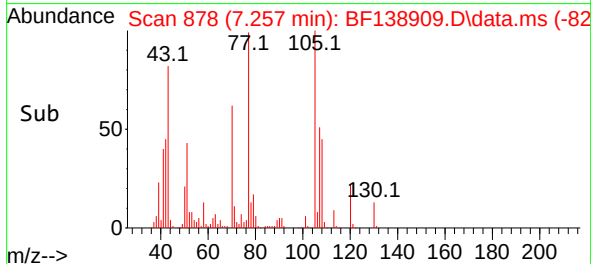
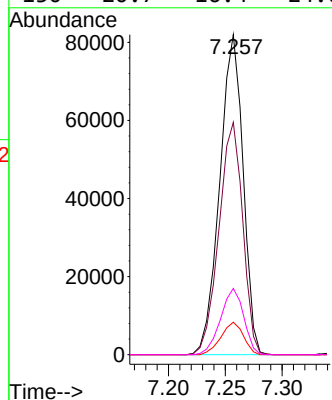
#19
n-Nitroso-di-n-propylamine
Concen: 62.008 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS



Tgt Ion: 70 Resp: 117233

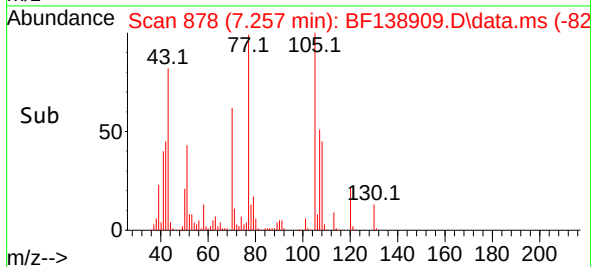
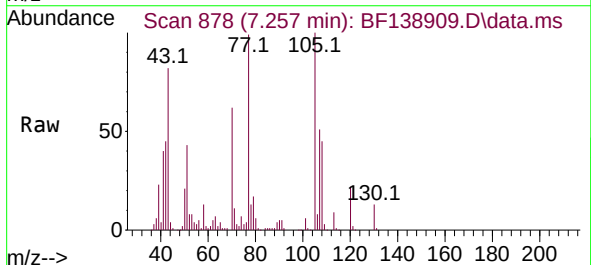
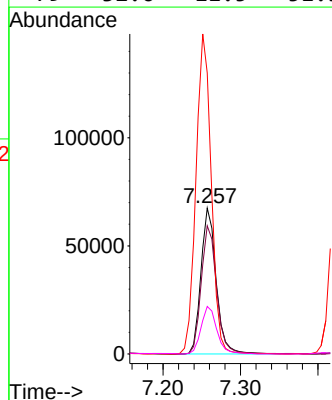
Ion	Ratio	Lower	Upper
70	100		
42	72.6	57.4	86.0
101	10.2	7.5	11.3
130	20.7	16.4	24.6

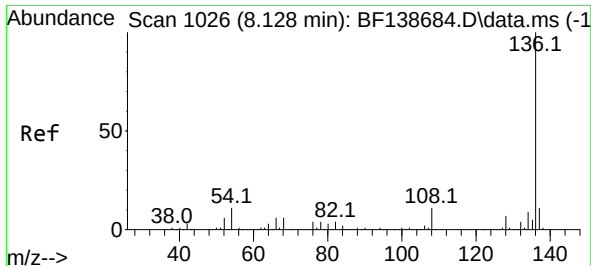


#20
3+4-Methylphenols
Concen: 35.552 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion: 107 Resp: 92394

Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.2	108.2
77	192.5	132.1	172.1#
79	32.6	11.5	51.5

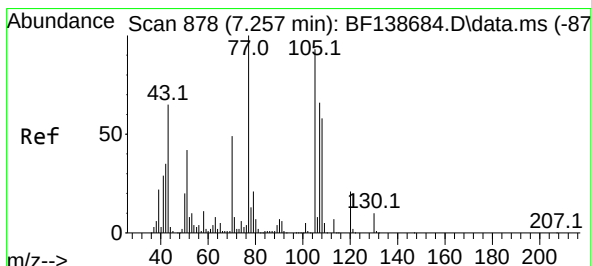
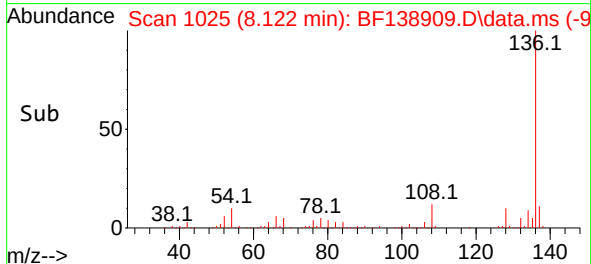
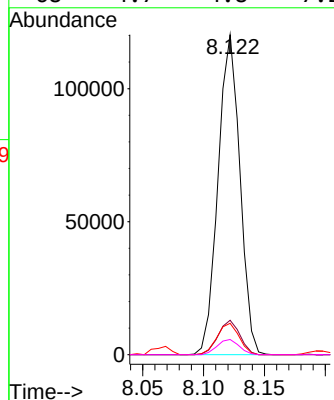
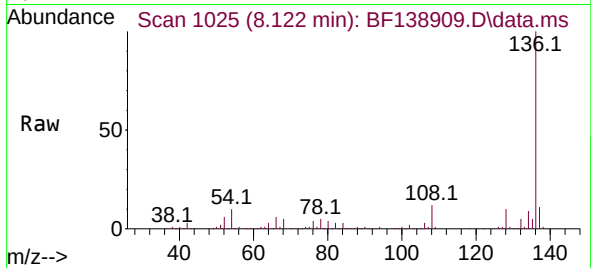




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

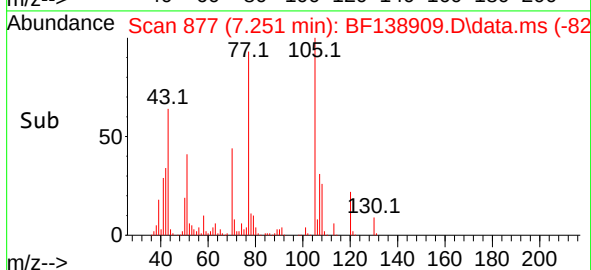
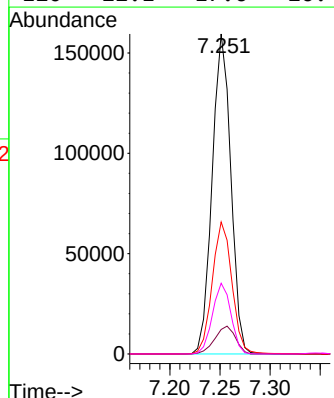
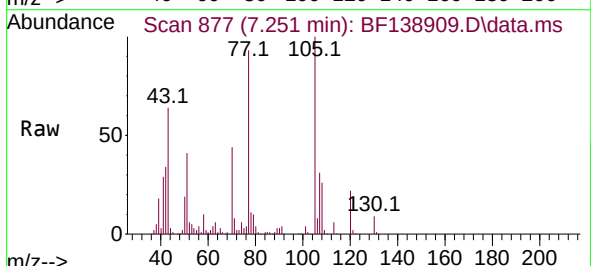
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

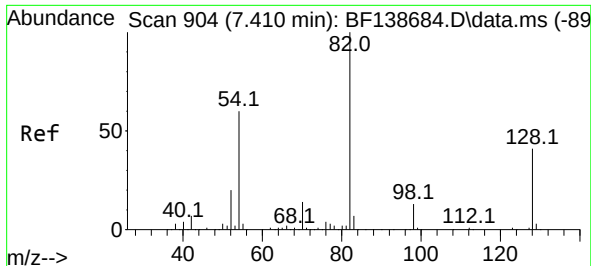
Tgt Ion:136	Resp: 150436
Ion Ratio	Lower Upper
136	100
137	10.7 8.9 13.3
54	9.8 8.6 12.8
68	4.7 4.8 7.2#



#22
Acetophenone
Concen: 55.999 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion:105	Resp: 206267
Ion Ratio	Lower Upper
105	100
71	7.7 7.2 10.8
51	41.3 35.9 53.9
120	22.1 17.6 26.4





#23

Nitrobenzene-d5

Concen: 108.213 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

Instrument :

BNA_F

ClientSampleId :

MLS-15-70-85MS

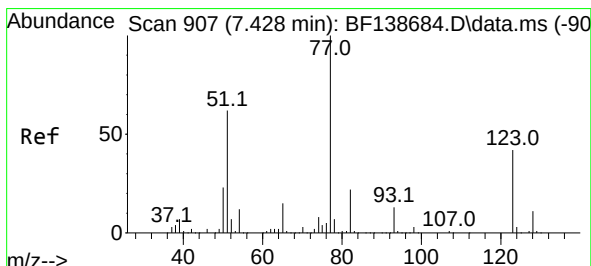
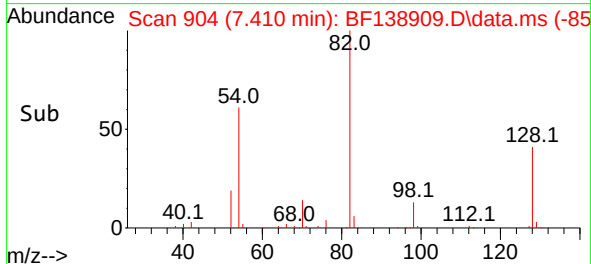
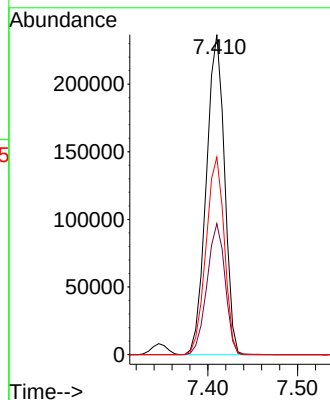
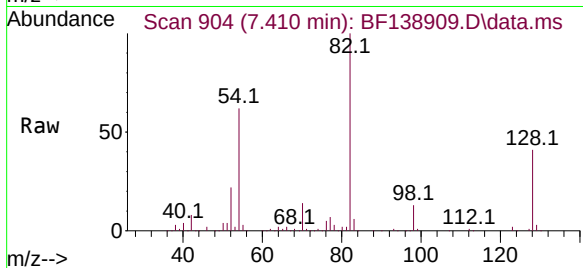
Tgt Ion: 82 Resp: 332965

Ion Ratio Lower Upper

82 100

128 41.0 32.8 49.2

54 61.8 48.3 72.5



#24

Nitrobenzene

Concen: 54.843 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.000 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

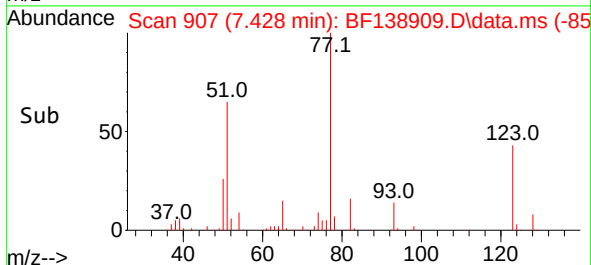
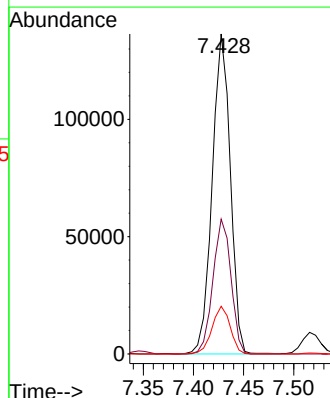
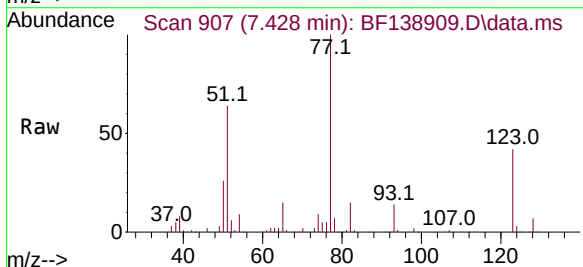
Tgt Ion: 77 Resp: 171715

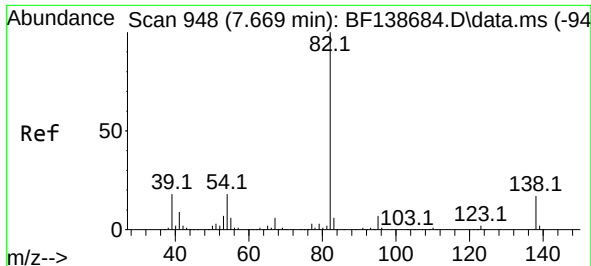
Ion Ratio Lower Upper

77 100

123 42.1 33.3 49.9

65 14.9 11.9 17.9

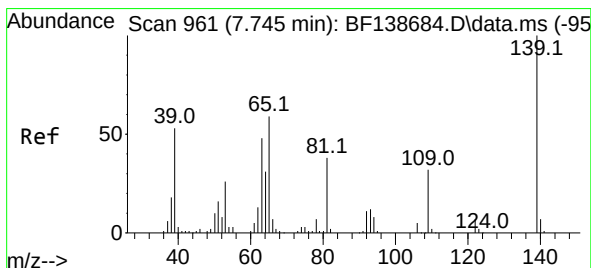
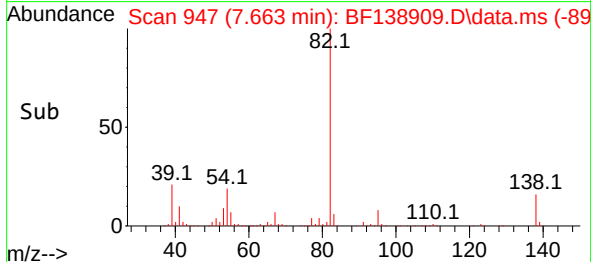
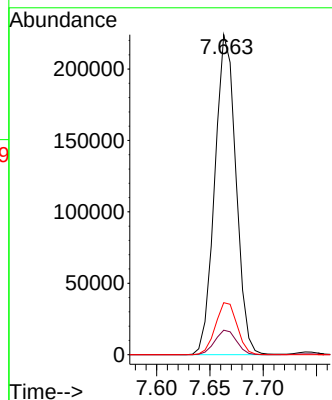
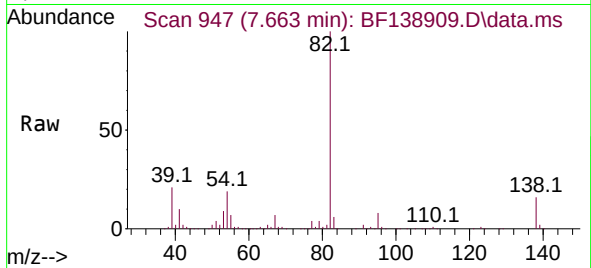




#25
Isophorone
Concen: 58.853 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

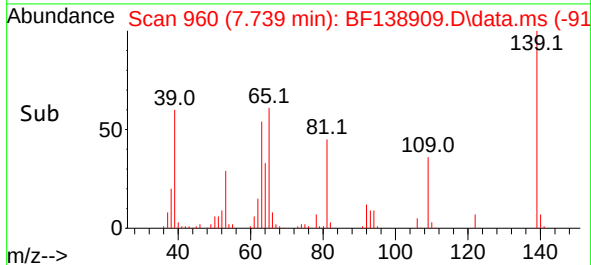
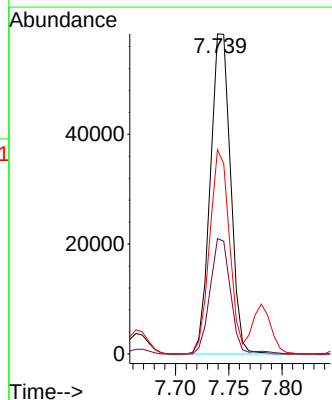
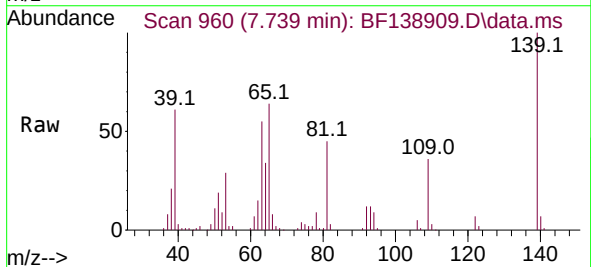
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

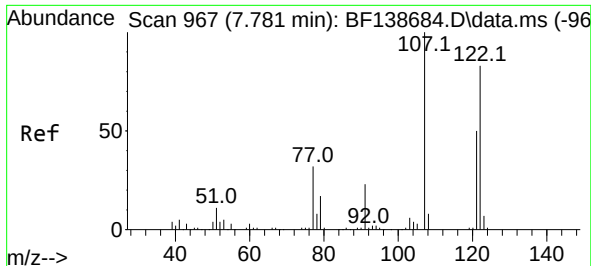
Tgt Ion: 82 Resp: 309213
Ion Ratio Lower Upper
82 100
95 7.7 5.7 8.5
138 16.3 13.7 20.5



#26
2-Nitrophenol
Concen: 57.045 ng
RT: 7.739 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion:139 Resp: 76843
Ion Ratio Lower Upper
139 100
109 36.0 25.9 38.9
65 63.8 47.0 70.6

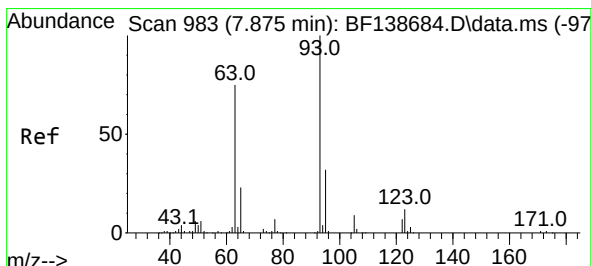
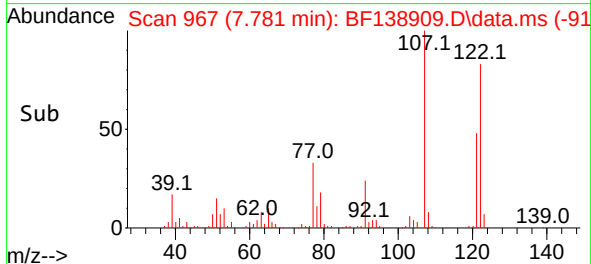
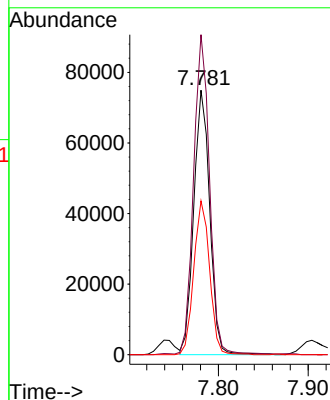
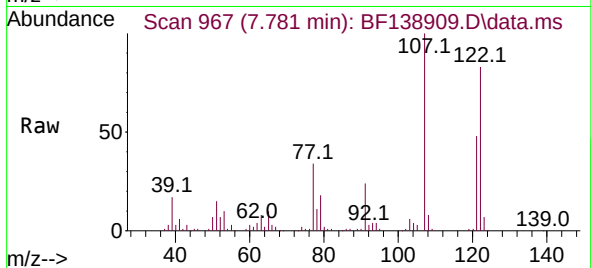




#27
2,4-Dimethylphenol
Concen: 57.523 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

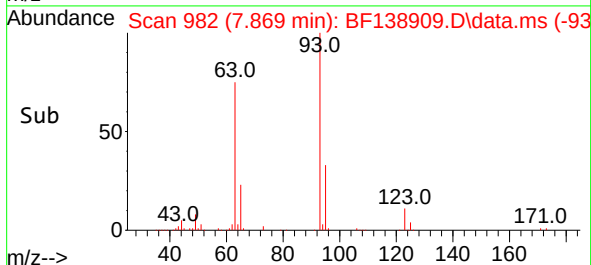
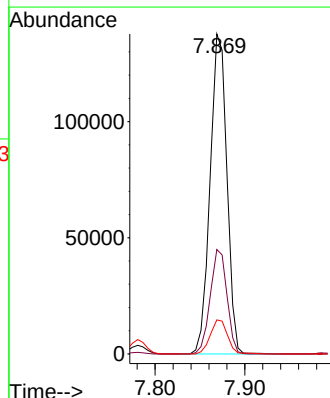
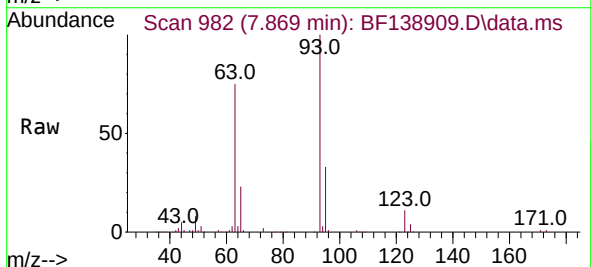
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

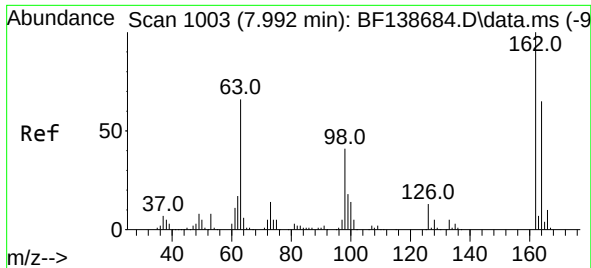
Tgt Ion:122 Resp: 92710
Ion Ratio Lower Upper
122 100
107 121.0 95.0 142.6
121 58.2 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 55.911 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion: 93 Resp: 178889
Ion Ratio Lower Upper
93 100
95 32.6 25.8 38.8
123 10.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 55.278 ng

RT: 7.986 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

Instrument :

BNA_F

ClientSampleId :

MLS-15-70-85MS

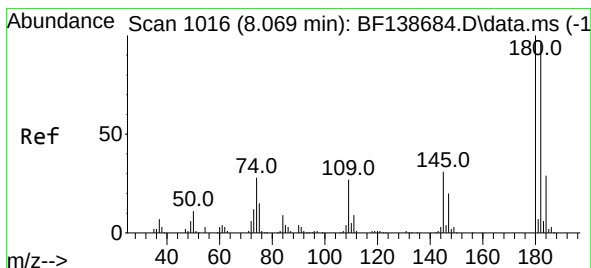
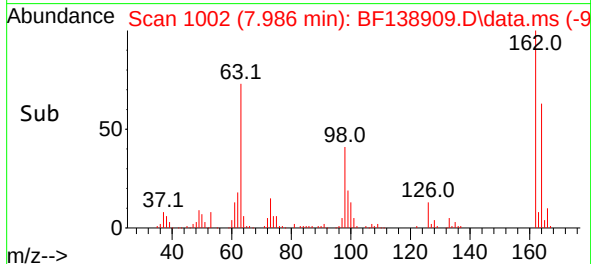
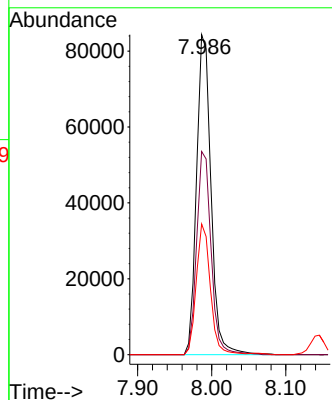
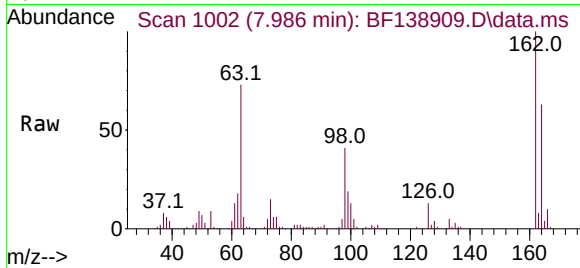
Tgt Ion:162 Resp: 114484

Ion Ratio Lower Upper

162 100

164 63.5 44.7 84.7

98 40.9 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 46.714 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

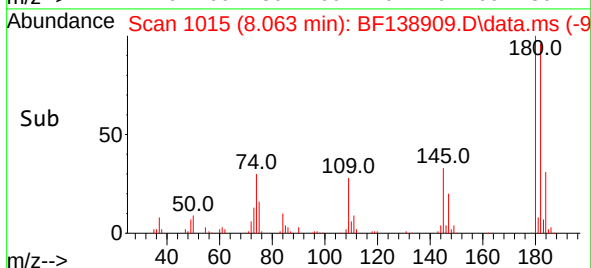
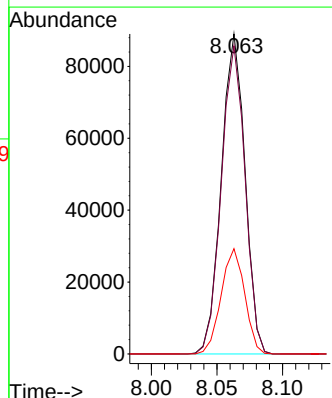
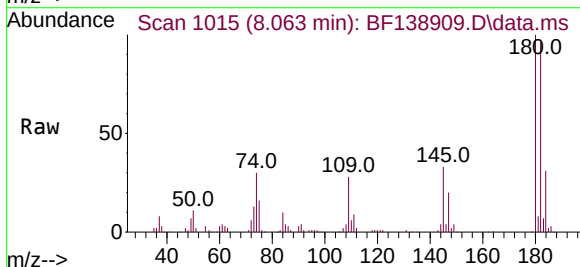
Tgt Ion:180 Resp: 111647

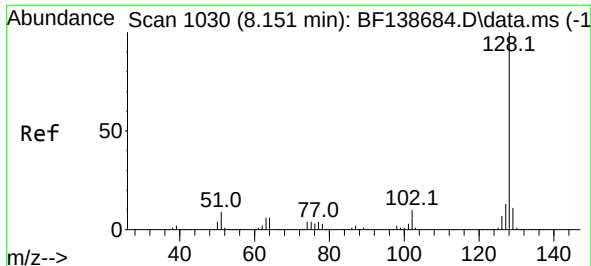
Ion Ratio Lower Upper

180 100

182 96.3 76.9 115.3

145 32.9 25.0 37.4





#31

Naphthalene

Concen: 49.975 ng

RT: 8.145 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

Instrument :

BNA_F

ClientSampleId :

MLS-15-70-85MS

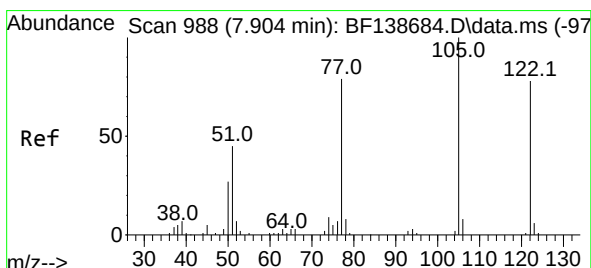
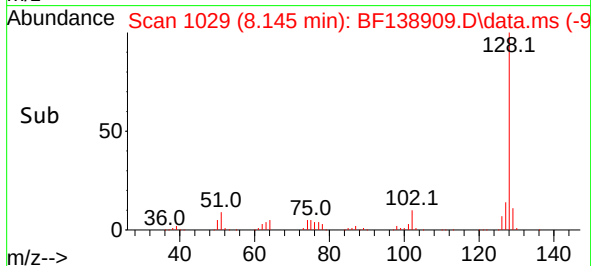
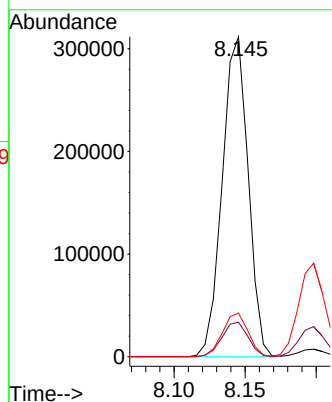
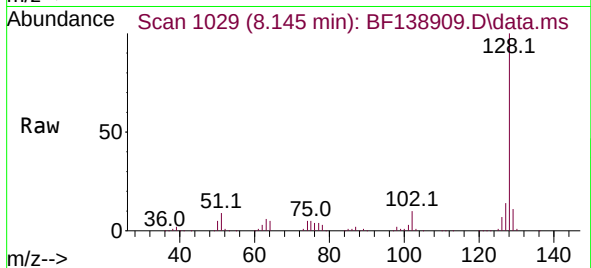
Tgt Ion:128 Resp: 395728

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

127 13.6 10.6 16.0



#32

Benzoic acid

Concen: 8.660 ng

RT: 7.904 min Scan# 988

Delta R.T. 0.000 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

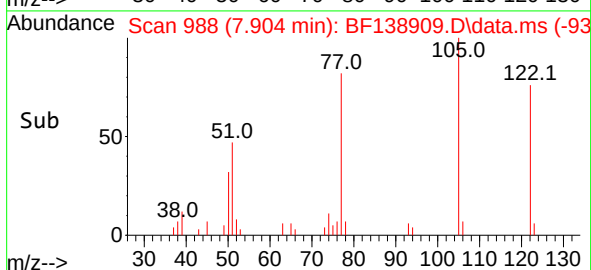
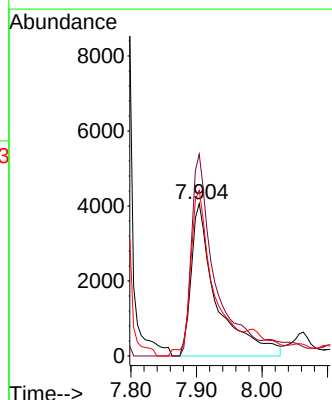
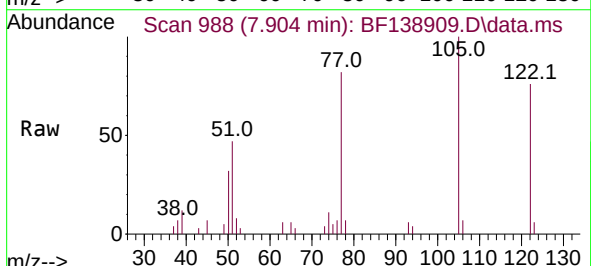
Tgt Ion:122 Resp: 10972

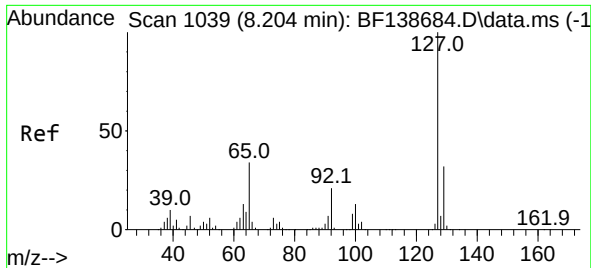
Ion Ratio Lower Upper

122 100

105 132.4 106.7 146.7

77 108.7 81.1 121.1

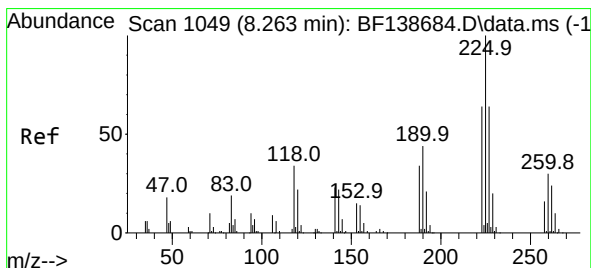
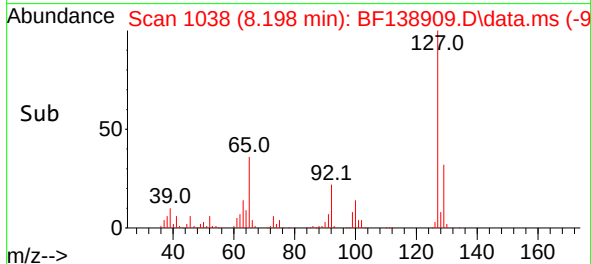
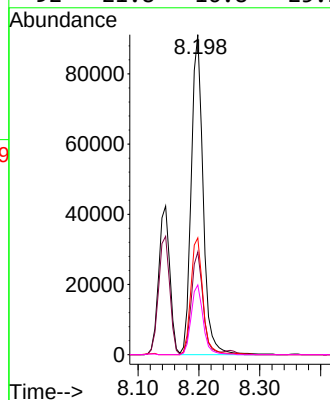
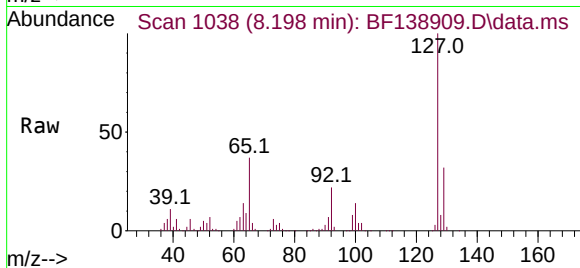




#33
4-Chloroaniline
Concen: 46.518 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

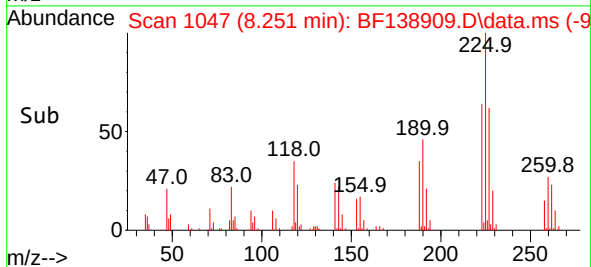
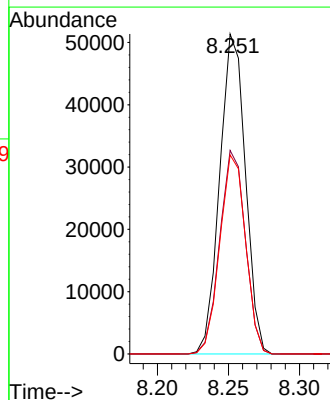
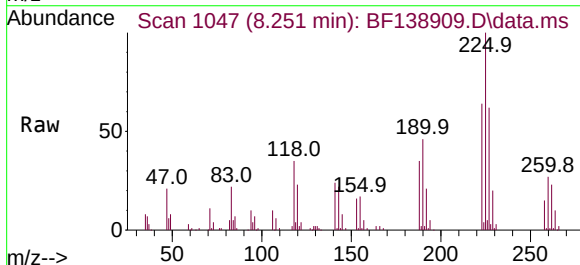
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

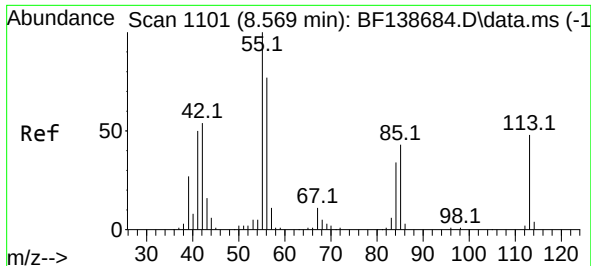
Tgt Ion:	127	Resp:	123648
Ion Ratio	Lower	Upper	
127	100		
129	32.1	25.9	38.9
65	36.5	27.6	41.4
92	21.8	16.8	25.2



#34
Hexachlorobutadiene
Concen: 44.643 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion:	225	Resp:	64626
Ion Ratio	Lower	Upper	
225	100		
223	63.6	51.2	76.8
227	62.2	51.1	76.7

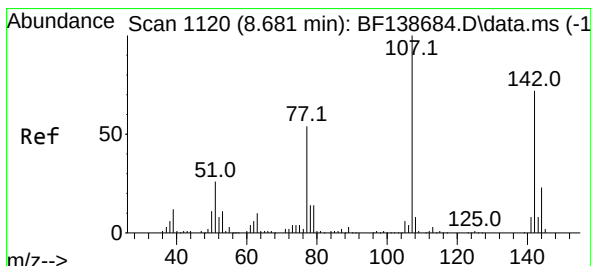
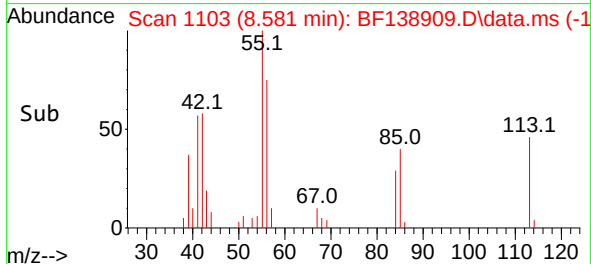
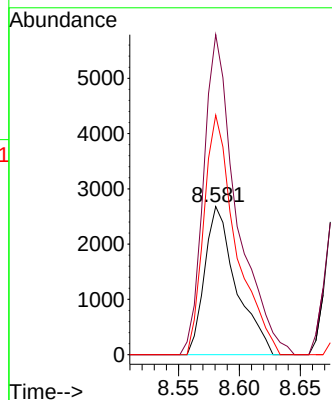
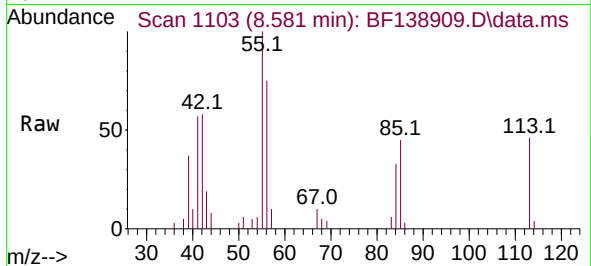




#35
 Caprolactam
 Concen: 7.827 ng
 RT: 8.581 min Scan# 1101
 Delta R.T. 0.012 min
 Lab File: BF138909.D
 Acq: 10 Aug 2024 14:48

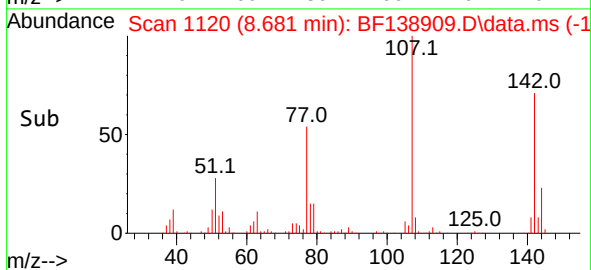
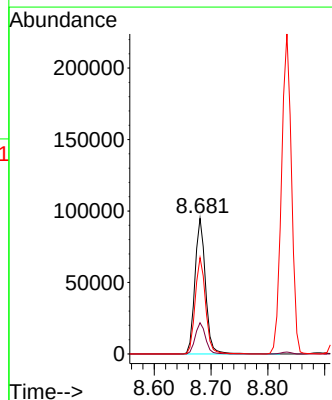
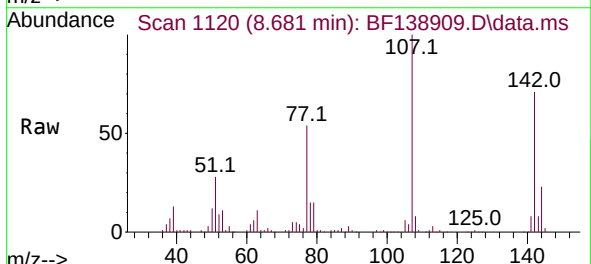
Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-70-85MS

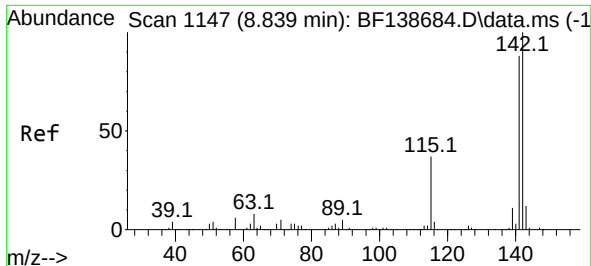
Tgt Ion:113 Resp: 4837
 Ion Ratio Lower Upper
 113 100
 55 216.1 186.7 226.7
 56 161.7 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 52.060 ng
 RT: 8.681 min Scan# 1120
 Delta R.T. -0.000 min
 Lab File: BF138909.D
 Acq: 10 Aug 2024 14:48

Tgt Ion:107 Resp: 123221
 Ion Ratio Lower Upper
 107 100
 144 23.0 18.2 27.2
 142 71.0 57.4 86.2

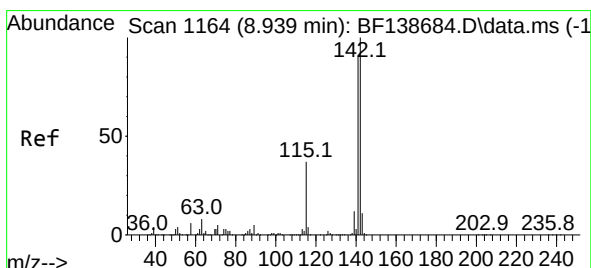
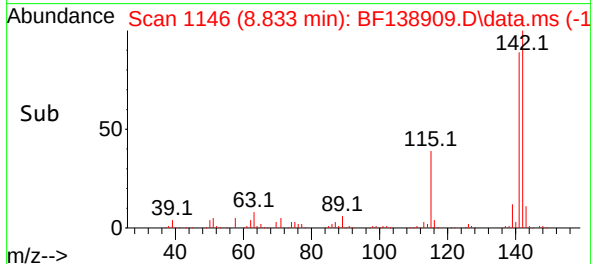
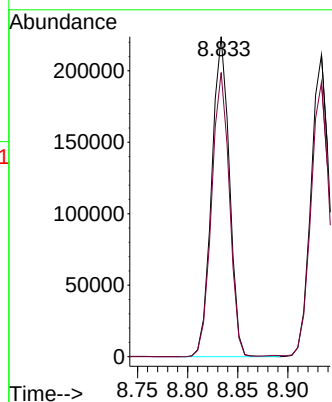
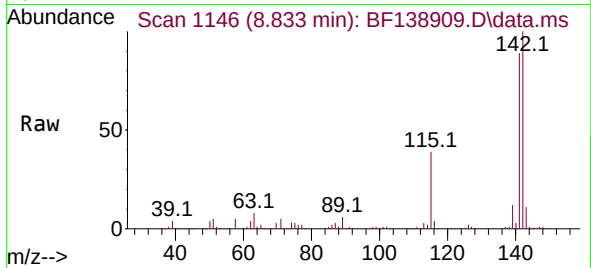




#37
2-Methylnaphthalene
Concen: 55.033 ng
RT: 8.833 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

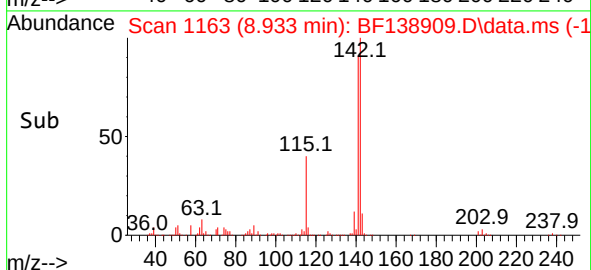
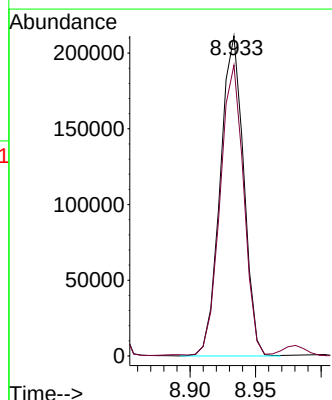
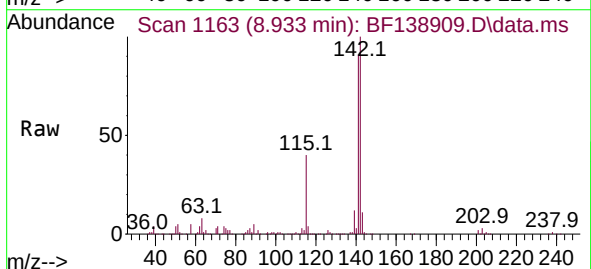
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

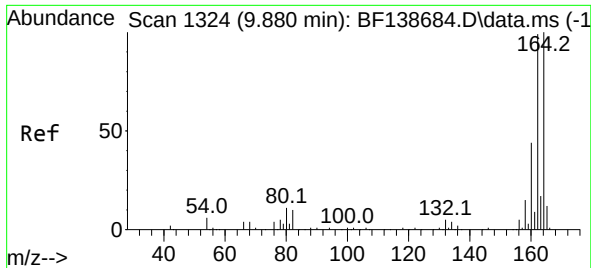
Tgt Ion:142 Resp: 275217
Ion Ratio Lower Upper
142 100
141 88.8 70.8 106.2



#38
1-Methylnaphthalene
Concen: 53.614 ng
RT: 8.933 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion:142 Resp: 262735
Ion Ratio Lower Upper
142 100
141 90.9 73.1 109.7

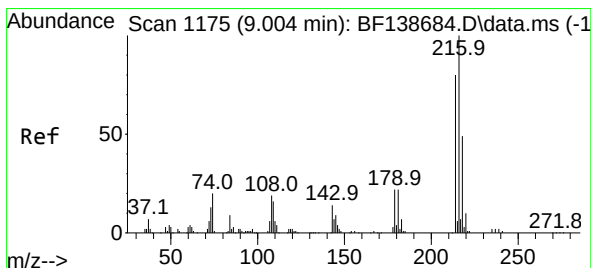
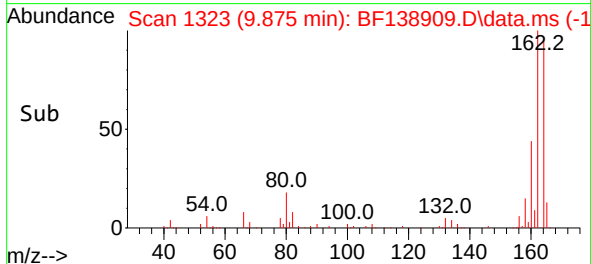
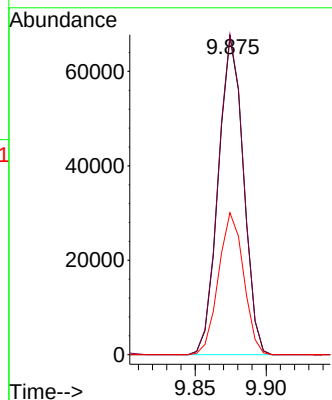
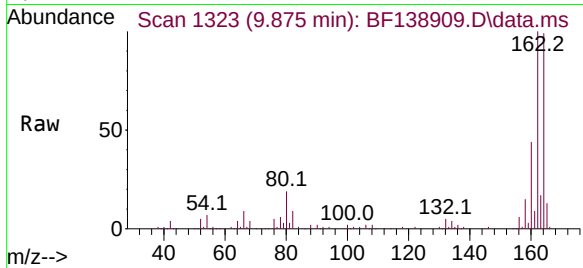




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1174
Delta R.T. -0.005 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

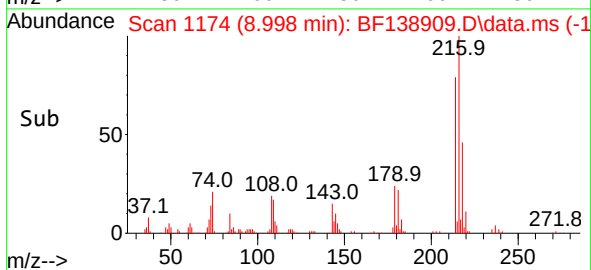
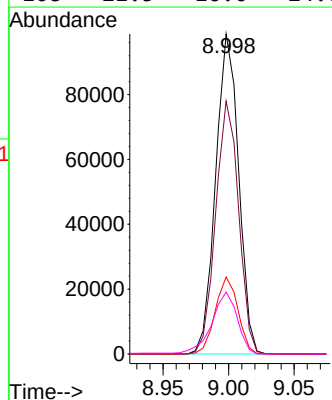
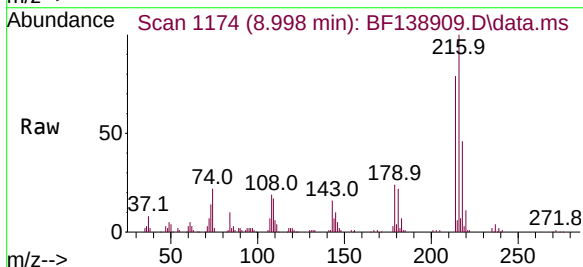
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

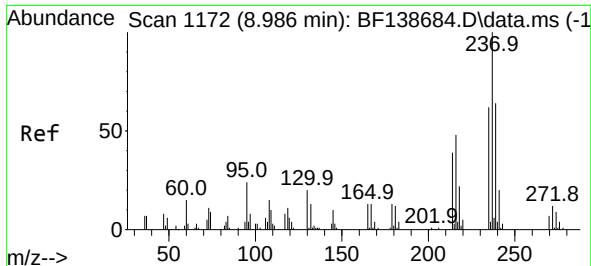
Tgt Ion:164 Resp: 82692
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.0
160 44.7 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.191 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

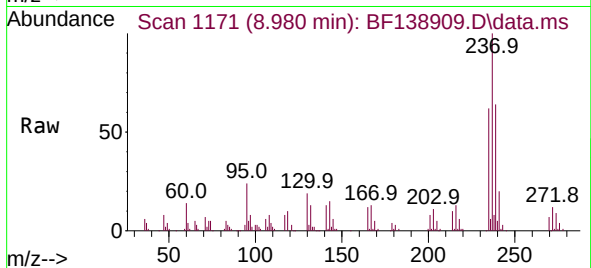
Tgt Ion:216 Resp: 119888
Ion Ratio Lower Upper
216 100
214 78.8 63.9 95.9
179 23.7 17.8 26.6
108 21.5 16.0 24.0



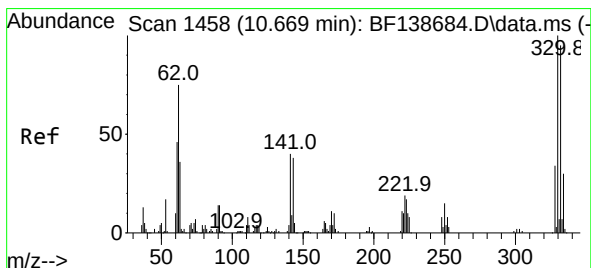
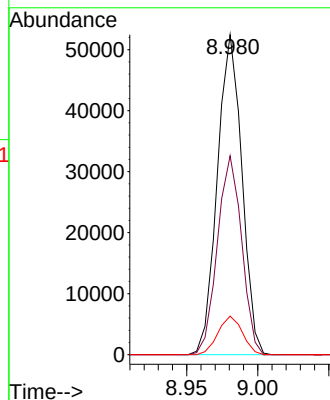
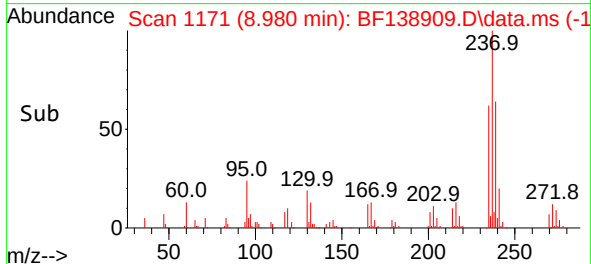


#41
Hexachlorocyclopentadiene
Concen: 101.566 ng
RT: 8.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

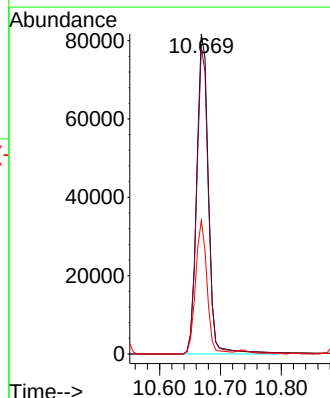
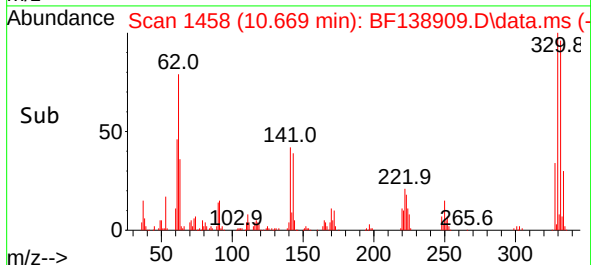
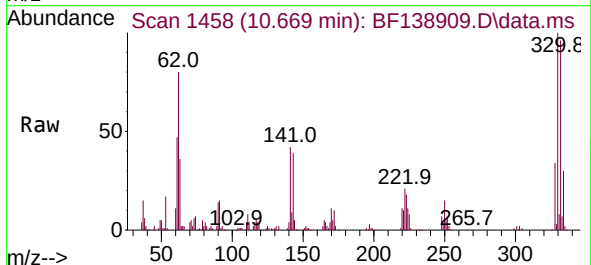


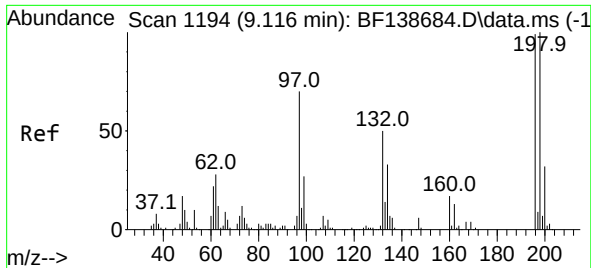
Tgt Ion:237 Resp: 63003
Ion Ratio Lower Upper
237 100
235 62.2 41.8 81.8
272 12.1 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 161.504 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion:330 Resp: 109396
Ion Ratio Lower Upper
330 100
332 94.9 76.4 114.6
141 40.4 31.1 46.7

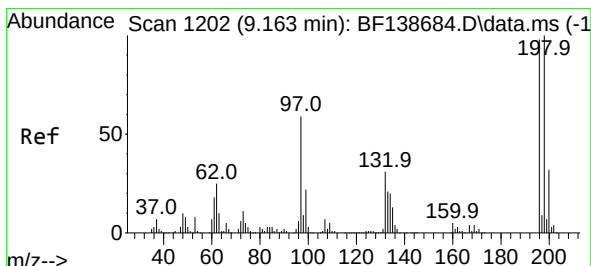
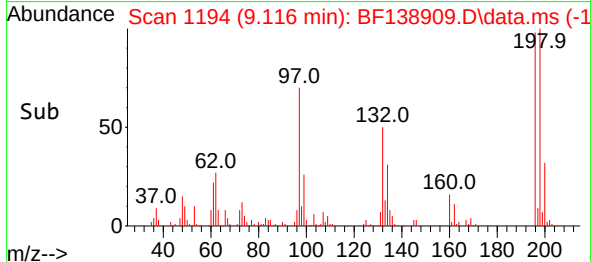
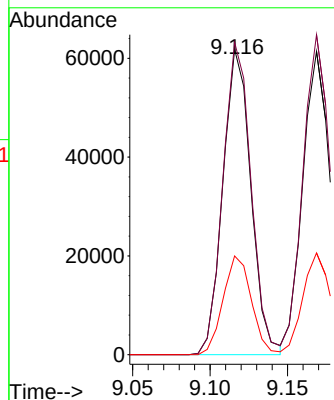
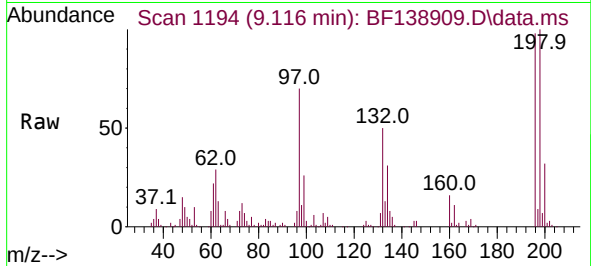




#43
2,4,6-Trichlorophenol
Concen: 55.561 ng
RT: 9.116 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

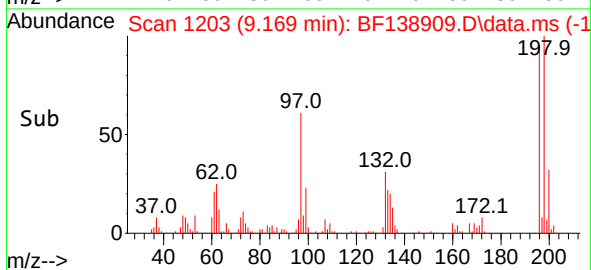
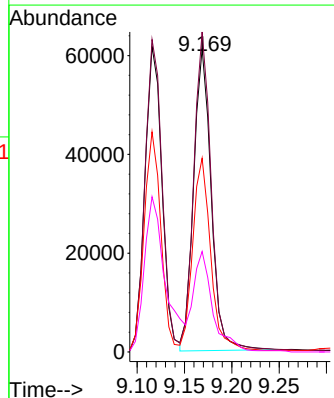
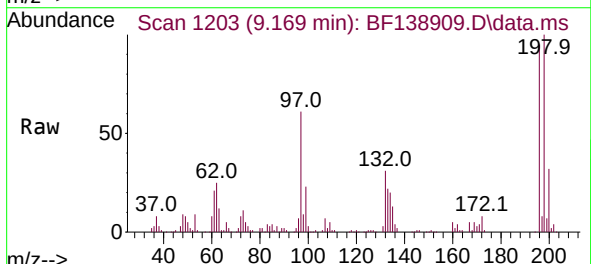
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

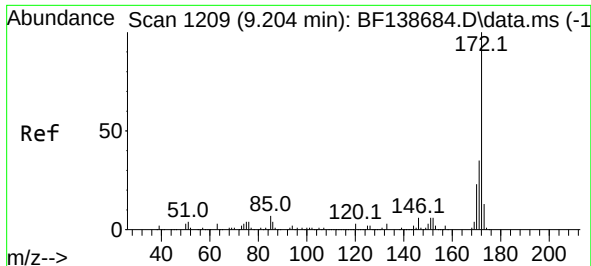
Tgt Ion:196 Resp: 77816
Ion Ratio Lower Upper
196 100
198 102.3 80.5 120.7
200 32.3 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 51.576 ng
RT: 9.169 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion:196 Resp: 78968
Ion Ratio Lower Upper
196 100
198 105.5 81.2 121.8
97 63.9 47.8 71.6
132 33.1 25.3 37.9

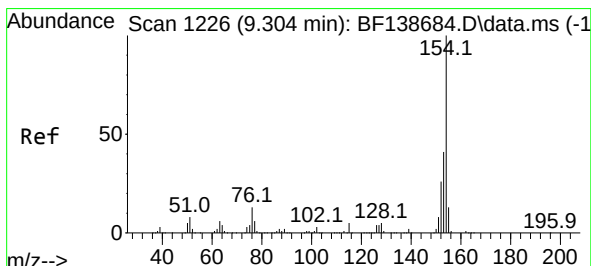
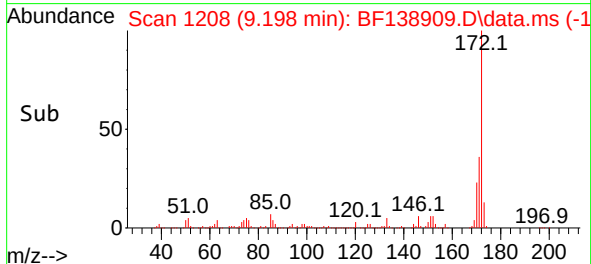
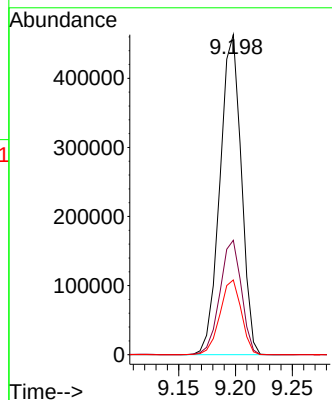
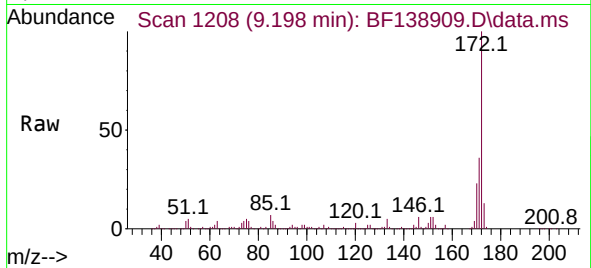




#45
2-Fluorobiphenyl
Concen: 110.109 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

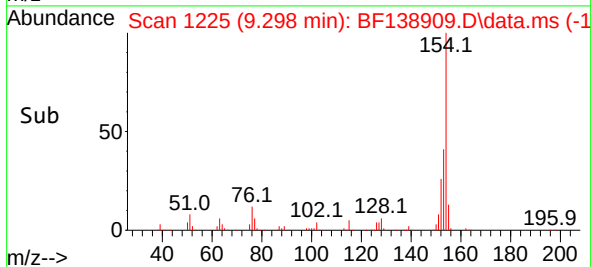
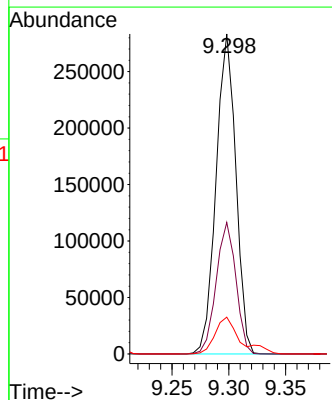
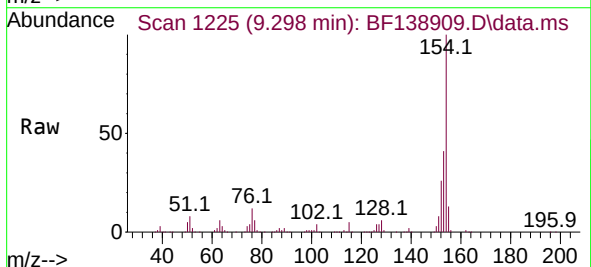
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

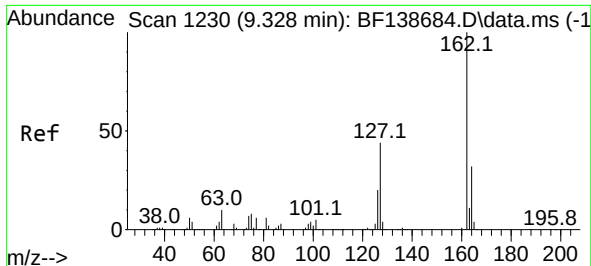
Tgt Ion:172 Resp: 606000
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.4 18.8 28.2



#46
1,1'-Biphenyl
Concen: 52.942 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion:154 Resp: 342866
Ion Ratio Lower Upper
154 100
153 41.1 20.8 60.8
76 11.5 0.0 32.8





#47

2-Chloronaphthalene

Concen: 55.043 ng

RT: 9.328 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

Instrument :

BNA_F

ClientSampleId :

MLS-15-70-85MS

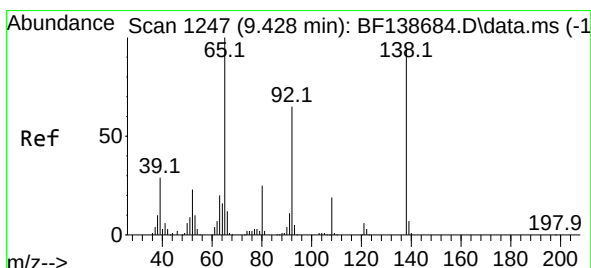
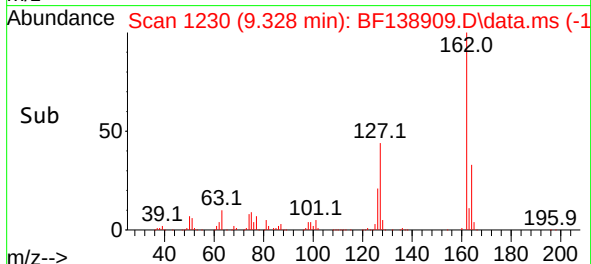
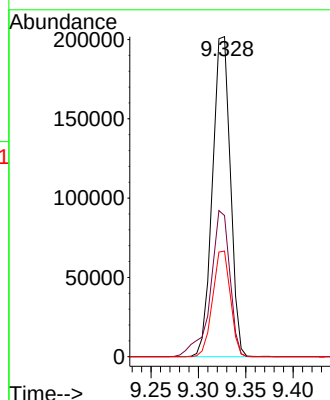
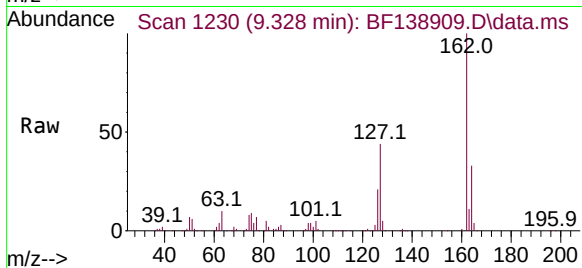
Tgt Ion:162 Resp: 265124

Ion Ratio Lower Upper

162 100

127 44.1 35.4 53.2

164 33.0 25.6 38.4



#48

2-Nitroaniline

Concen: 62.193 ng

RT: 9.428 min Scan# 1247

Delta R.T. -0.000 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

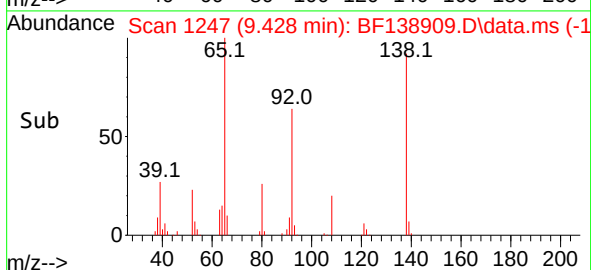
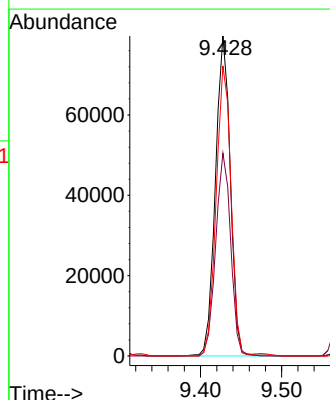
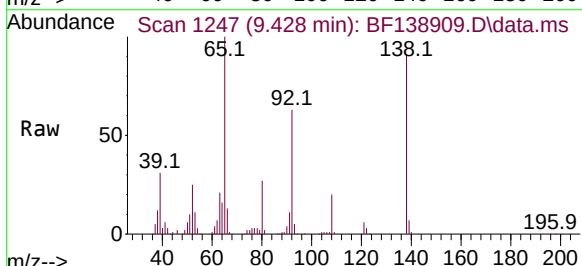
Tgt Ion: 65 Resp: 101555

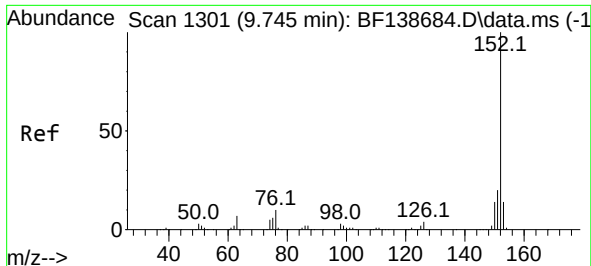
Ion Ratio Lower Upper

65 100

92 63.4 52.0 78.0

138 90.7 76.2 114.4





#49

Acenaphthylene

Concen: 62.109 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

Instrument :

BNA_F

ClientSampleId :

MLS-15-70-85MS

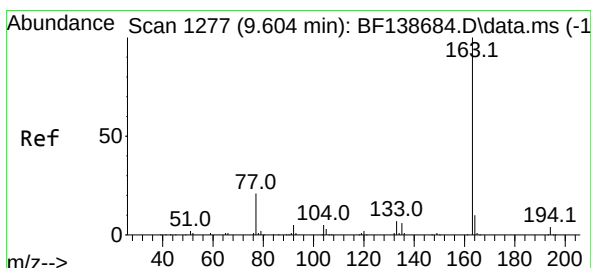
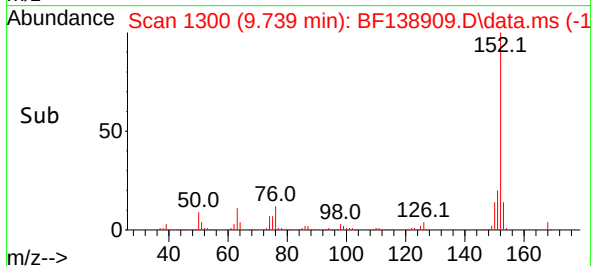
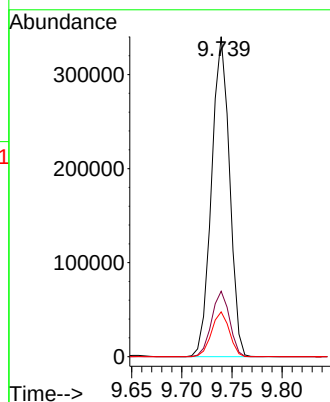
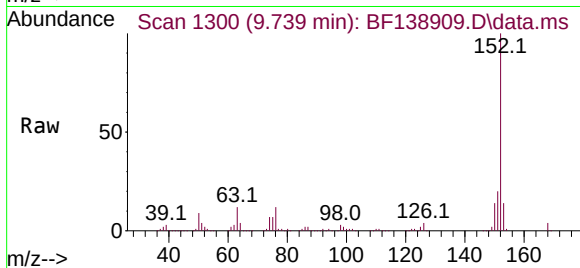
Tgt Ion:152 Resp: 424290

Ion Ratio Lower Upper

152 100

151 20.4 16.0 24.0

153 14.0 11.0 16.4



#50

Dimethylphthalate

Concen: 63.229 ng

RT: 9.604 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

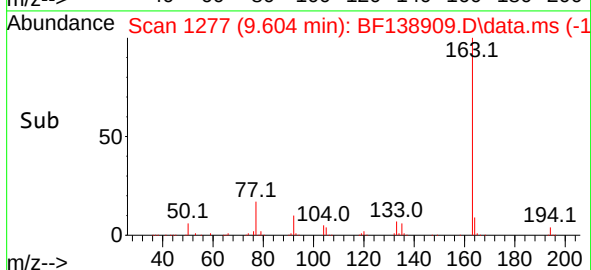
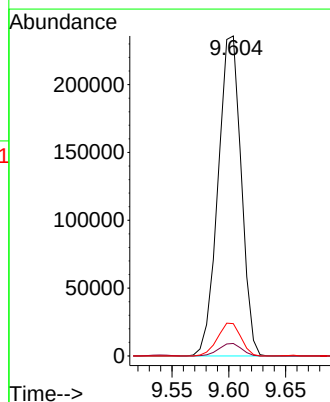
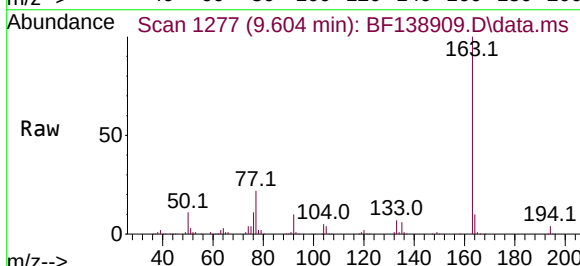
Tgt Ion:163 Resp: 334319

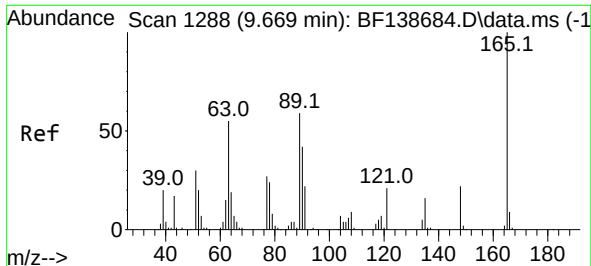
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 7.8 11.8

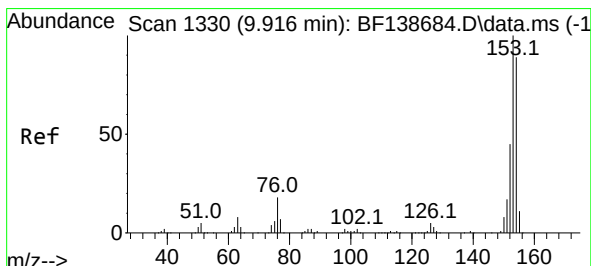
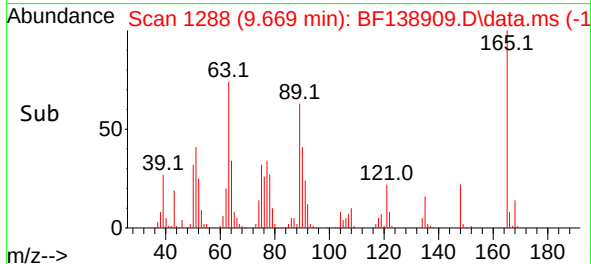
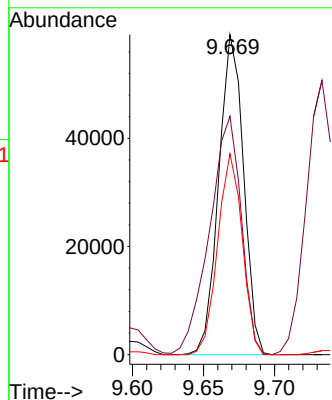
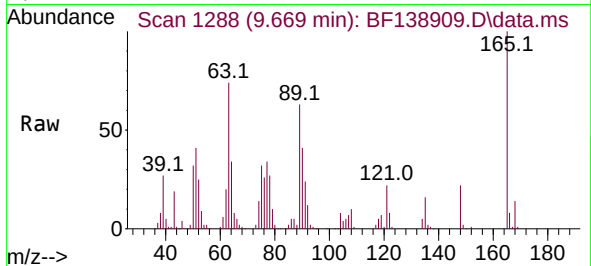




#51
2,6-Dinitrotoluene
Concen: 60.264 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

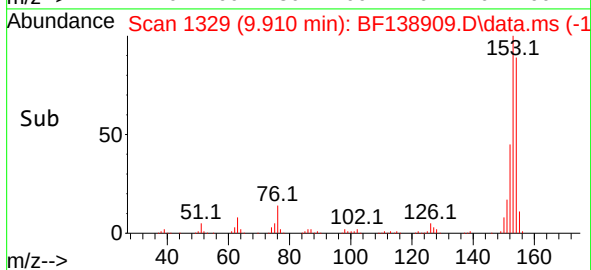
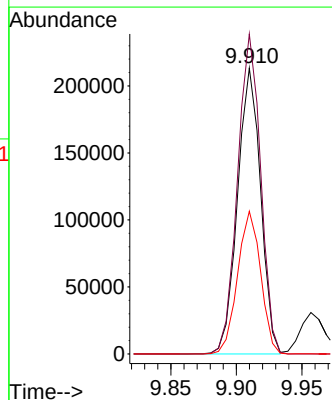
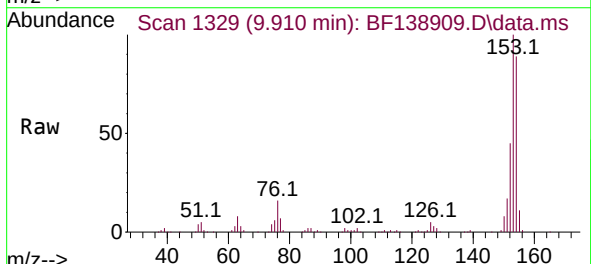
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

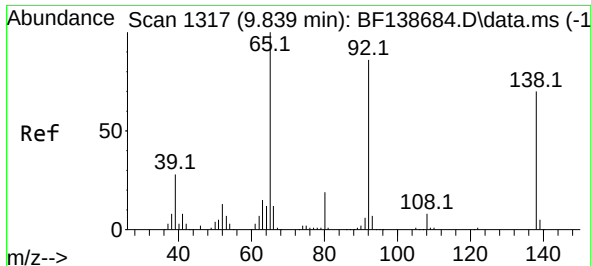
Tgt Ion:165 Resp: 71911
Ion Ratio Lower Upper
165 100
63 74.5 52.0 78.0
89 62.8 47.0 70.6



#52
Acenaphthene
Concen: 57.021 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion:154 Resp: 261852
Ion Ratio Lower Upper
154 100
153 111.9 89.9 134.9
152 49.9 40.6 60.8

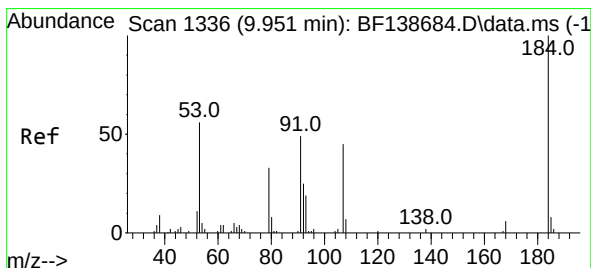
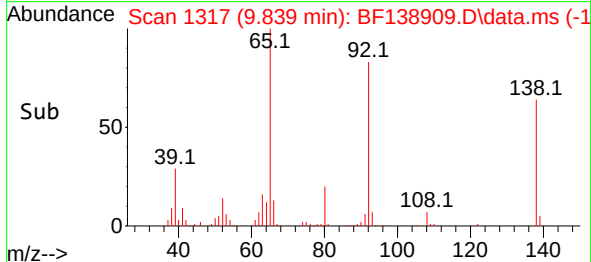
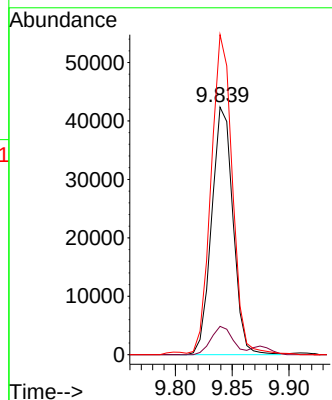
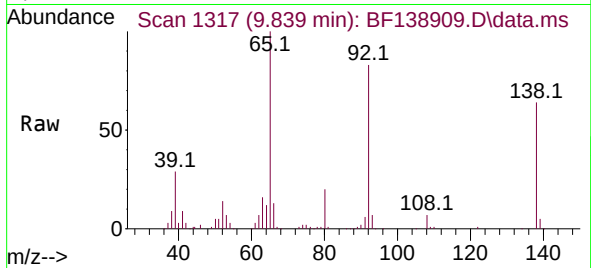




#53
3-Nitroaniline
Concen: 44.935 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

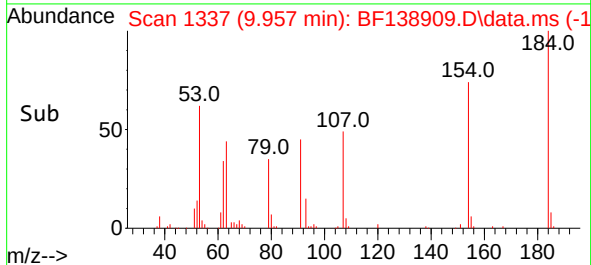
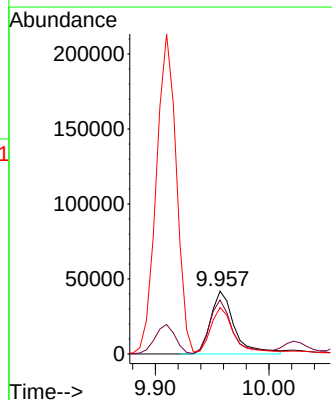
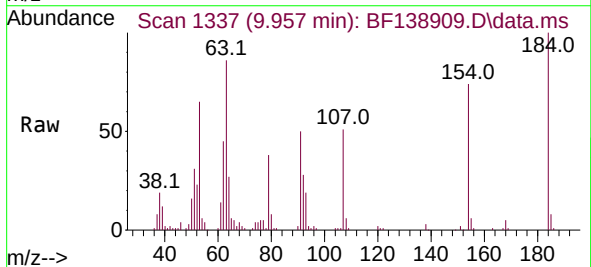
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

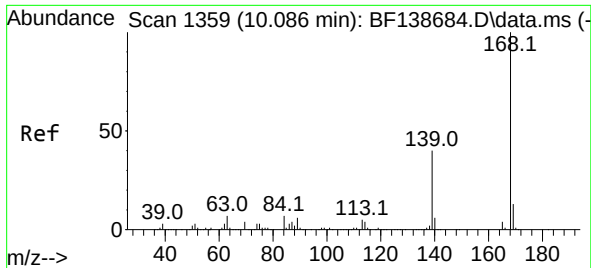
Tgt Ion:138 Resp: 55431
Ion Ratio Lower Upper
138 100
108 11.4 9.1 13.7
92 129.3 98.7 148.1



#54
2,4-Dinitrophenol
Concen: 109.890 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion:184 Resp: 60363
Ion Ratio Lower Upper
184 100
63 86.1 57.5 86.3
154 74.1 51.7 77.5

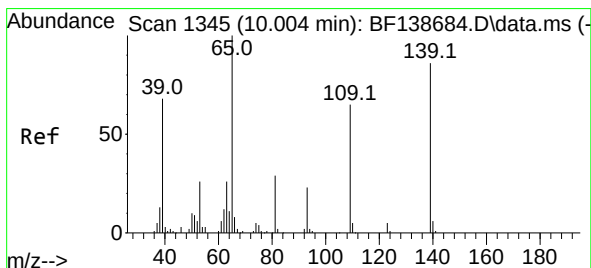
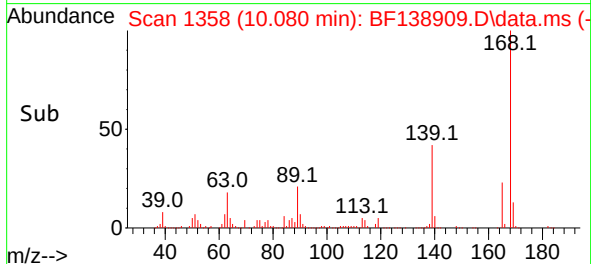
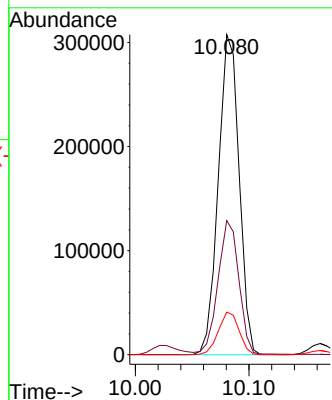
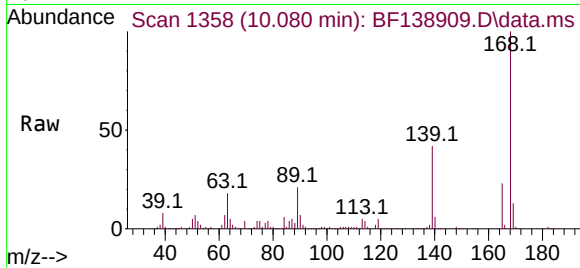




#55
Dibenzenofuran
Concen: 60.433 ng
RT: 10.080 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

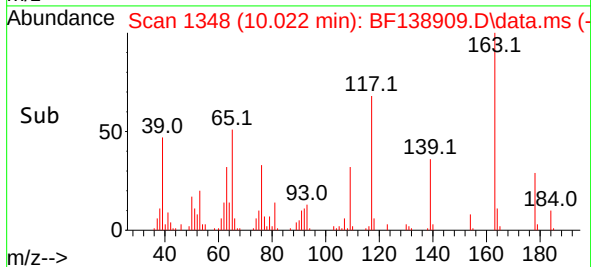
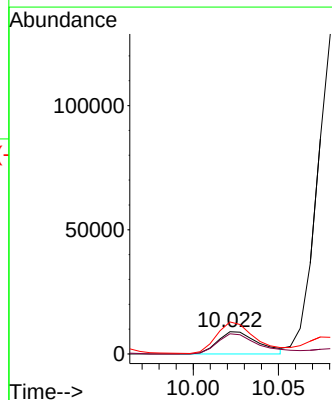
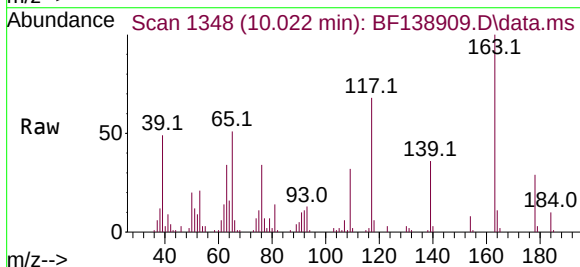
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

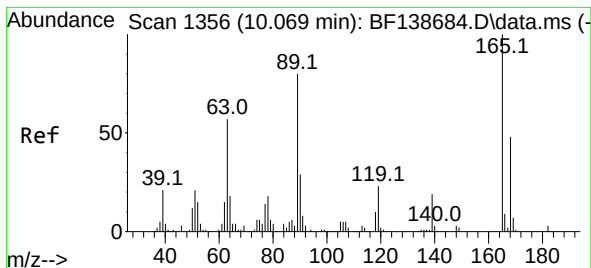
Tgt Ion:168 Resp: 391749
Ion Ratio Lower Upper
168 100
139 41.9 32.6 49.0
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 20.116 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion:139 Resp: 14922
Ion Ratio Lower Upper
139 100
109 90.3 55.5 95.5
65 143.6 96.7 136.7#

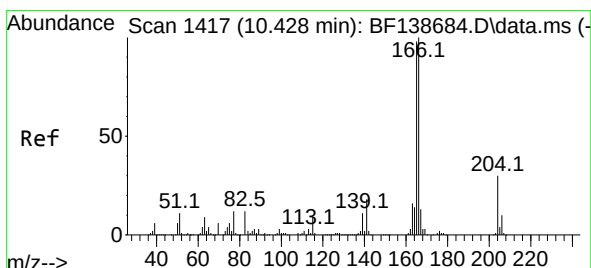
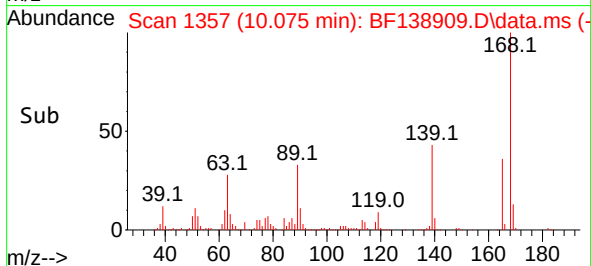
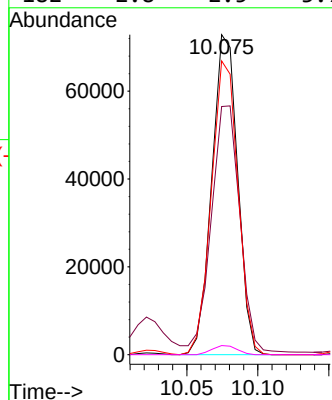
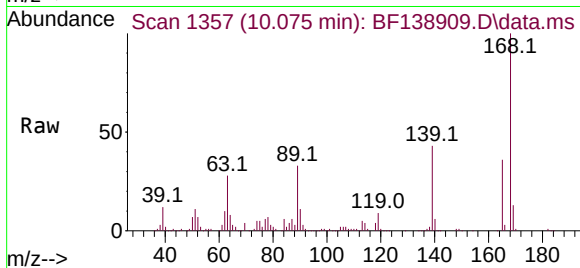




#57
2,4-Dinitrotoluene
Concen: 60.451 ng
RT: 10.075 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

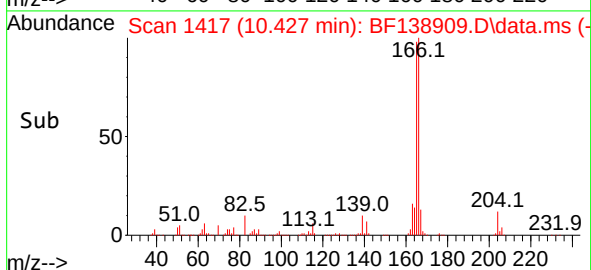
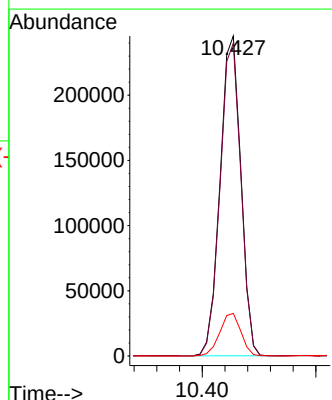
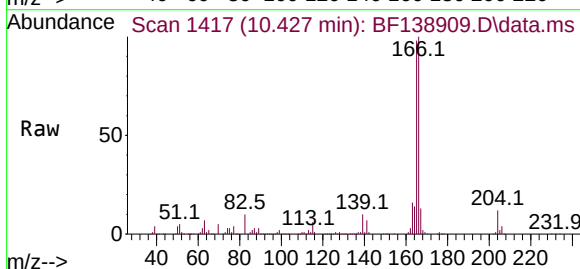
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

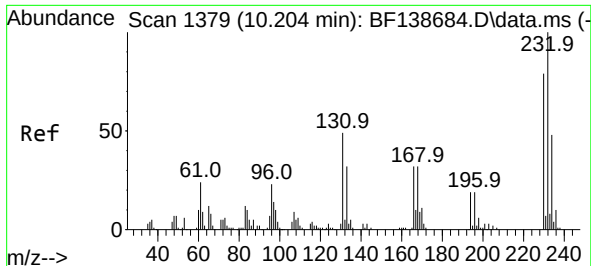
Tgt Ion:	165	Resp:	92033
Ion	Ratio	Lower	Upper
165	100		
63	77.5	46.3	69.5#
89	91.8	64.2	96.4
182	2.8	2.5	3.7



#58
Fluorene
Concen: 60.551 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion:	166	Resp:	312575
Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.4	117.6
167	13.3	10.6	16.0

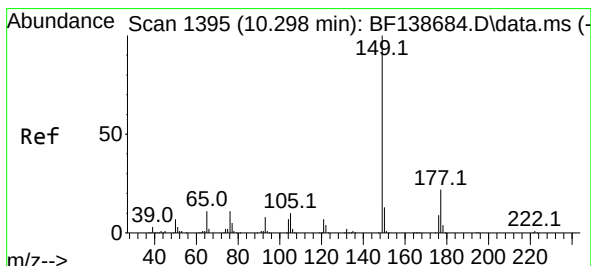
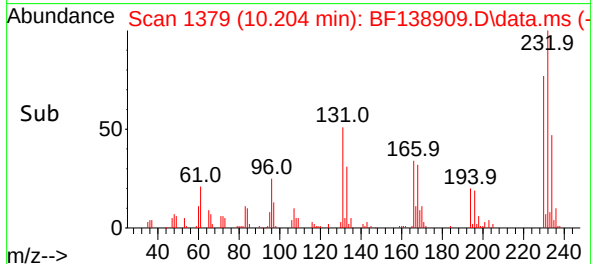
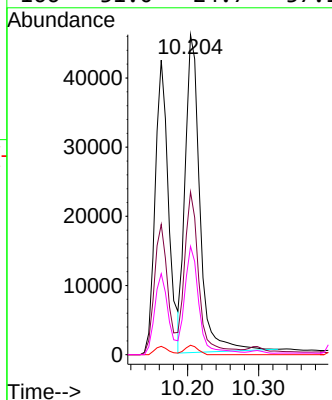
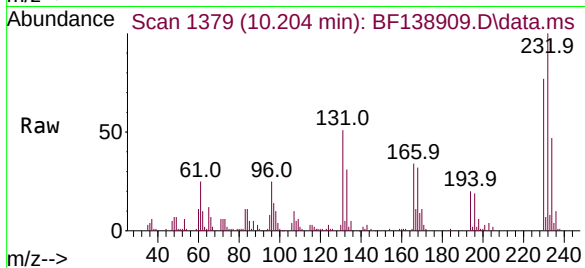




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.529 ng
RT: 10.204 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

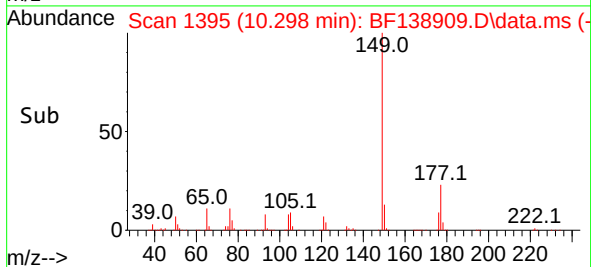
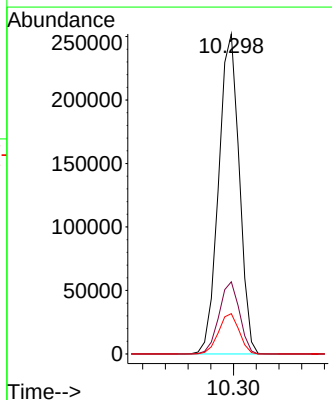
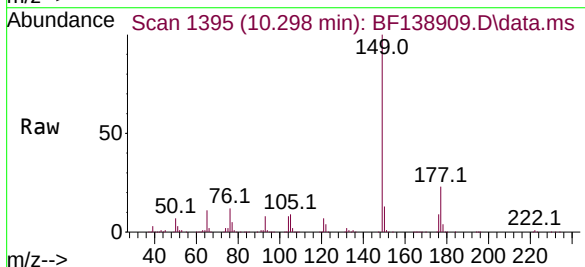
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

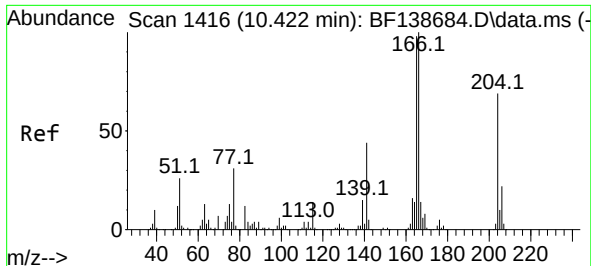
Tgt Ion:232 Resp: 66170
Ion Ratio Lower Upper
232 100
131 50.5 37.0 55.4
130 2.6 2.0 3.0
166 31.0 24.7 37.1



#60
Diethylphthalate
Concen: 63.339 ng
RT: 10.298 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion:149 Resp: 317546
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.8
150 12.6 10.1 15.1

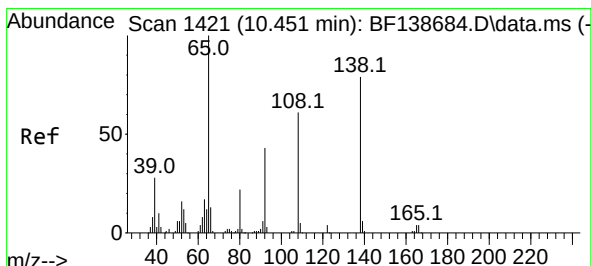
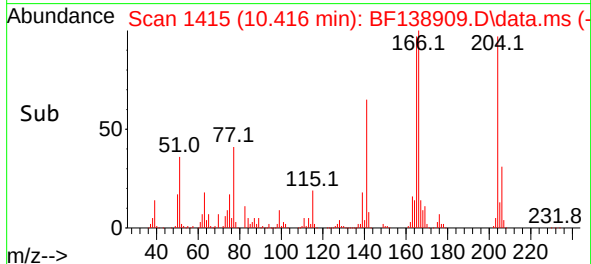
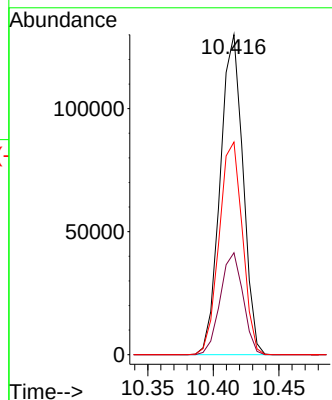
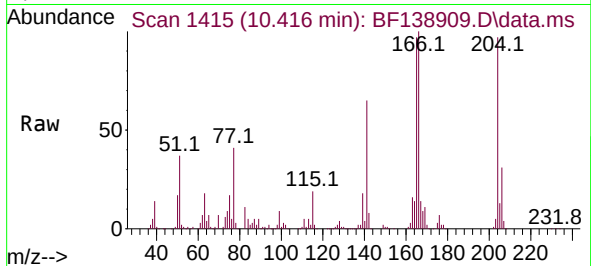




#61
4-Chlorophenyl-phenylether
Concen: 61.888 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

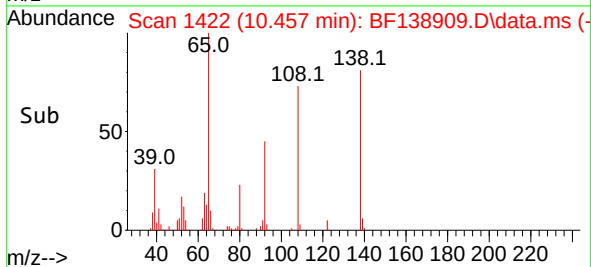
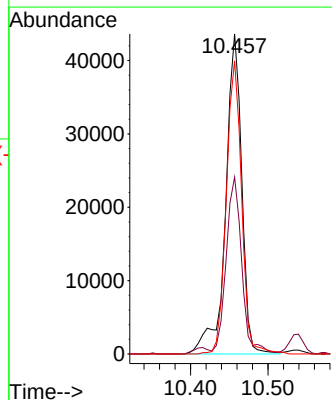
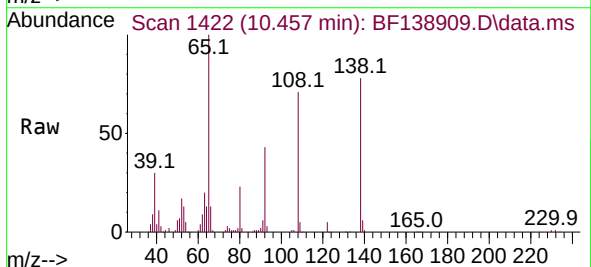
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

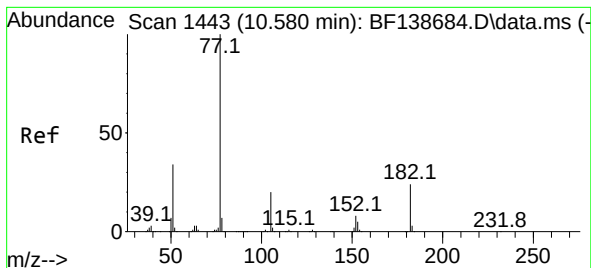
Tgt Ion:204 Resp: 157125
Ion Ratio Lower Upper
204 100
206 31.9 26.1 39.1
141 66.4 51.4 77.0



#62
4-Nitroaniline
Concen: 54.051 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion:138 Resp: 63363
Ion Ratio Lower Upper
138 100
92 55.3 34.2 74.2
108 91.6 56.2 96.2





#63

Azobenzene

Concen: 59.947 ng

RT: 10.575 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

Instrument :

BNA_F

ClientSampleId :

MLS-15-70-85MS

Tgt Ion: 77 Resp: 333325

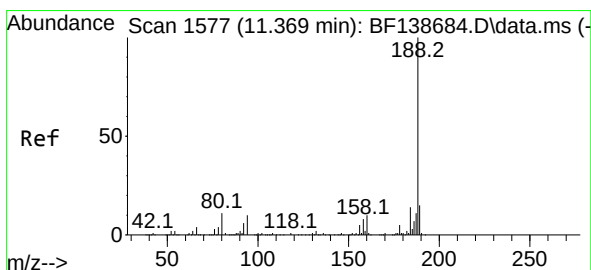
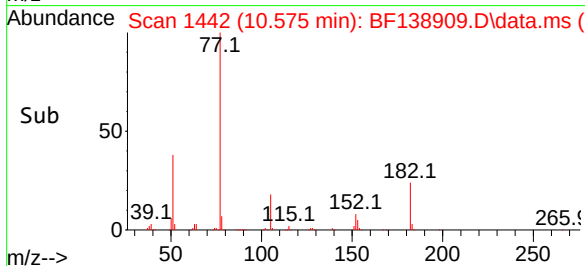
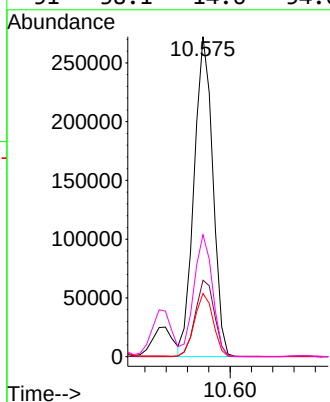
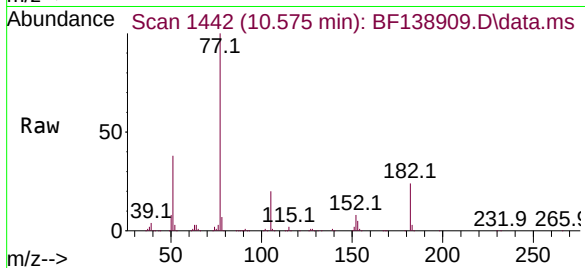
Ion Ratio Lower Upper

77 100

182 23.9 3.4 43.4

105 19.7 0.2 40.2

51 38.1 14.6 54.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

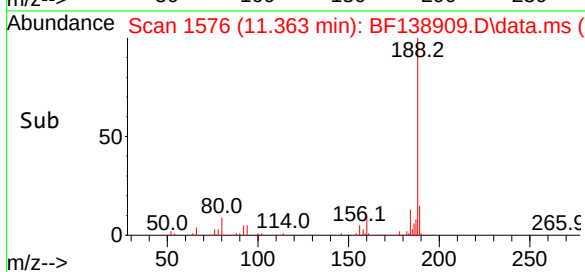
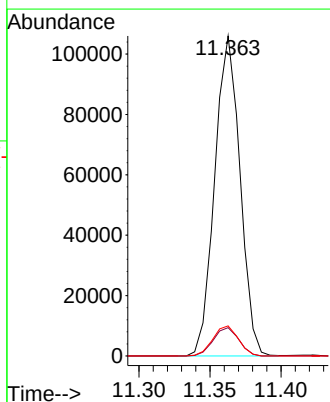
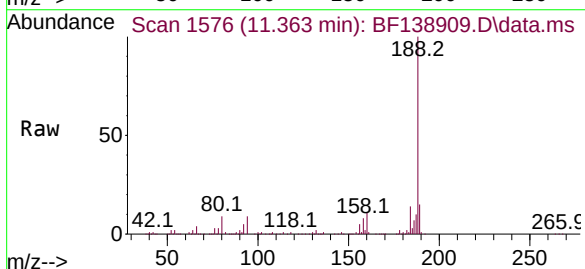
Tgt Ion: 188 Resp: 131267

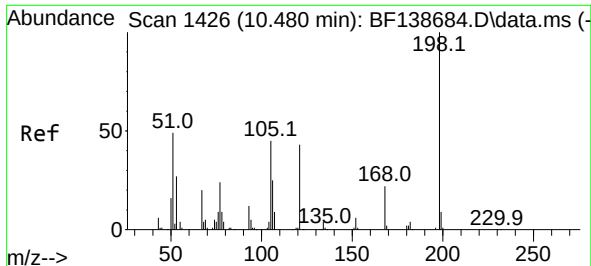
Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

80 9.4 8.6 12.8

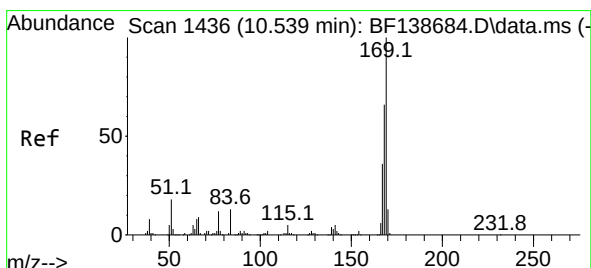
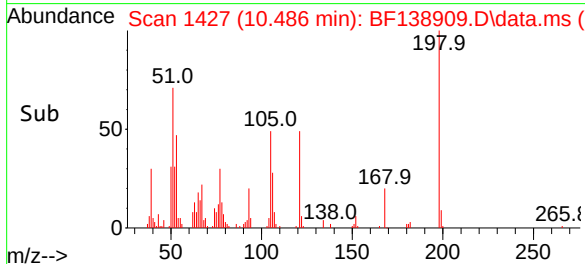
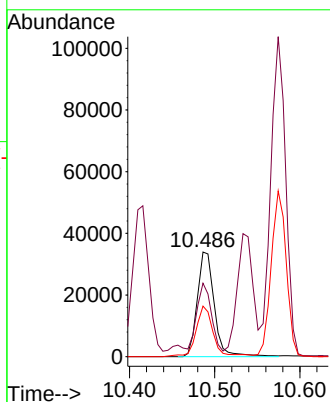
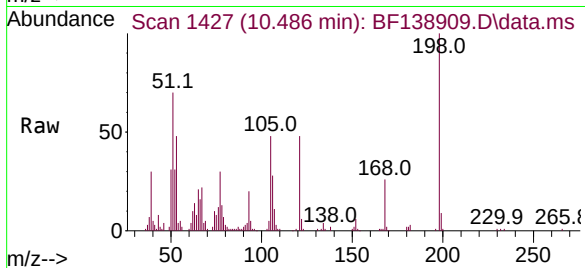




#65
4,6-Dinitro-2-methylphenol
Concen: 58.943 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

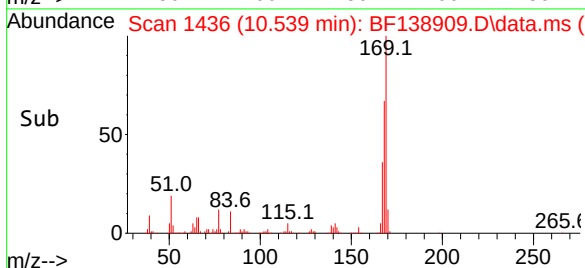
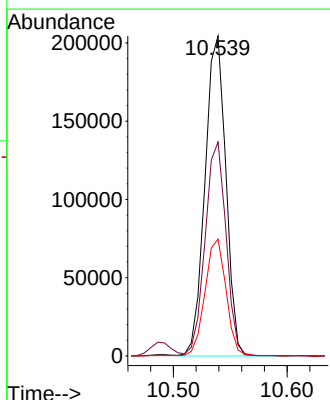
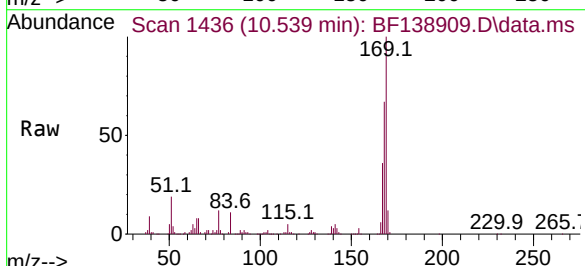
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

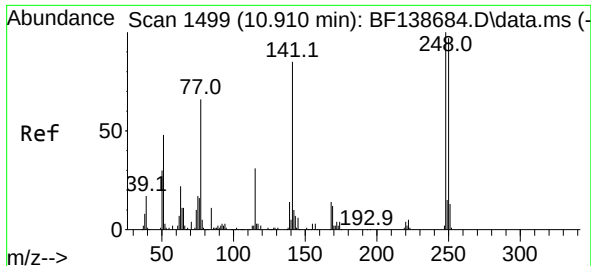
Tgt Ion:198 Resp: 47204
Ion Ratio Lower Upper
198 100
51 70.2 39.9 79.9
105 48.3 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 63.541 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion:169 Resp: 260717
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.6
167 36.5 29.0 43.6

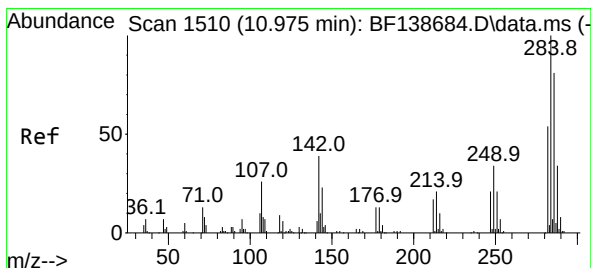
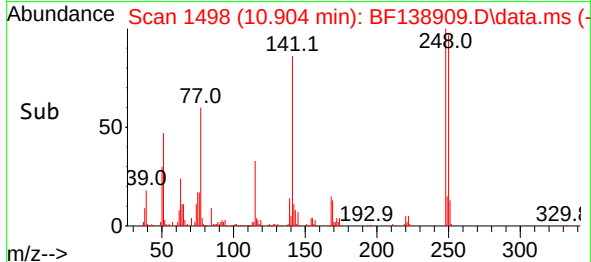
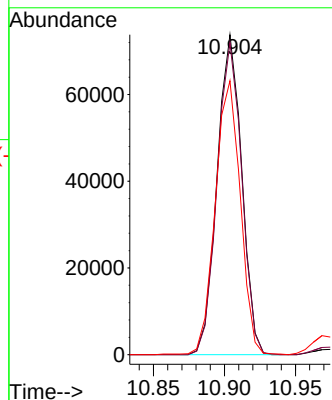
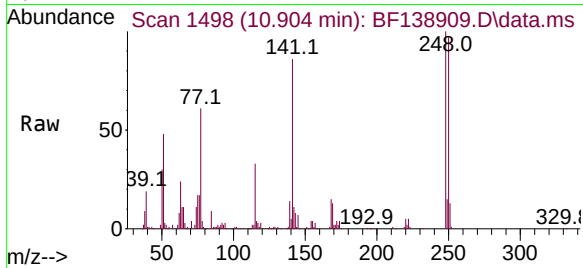




#67
4-Bromophenyl-phenylether
Concen: 62.624 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

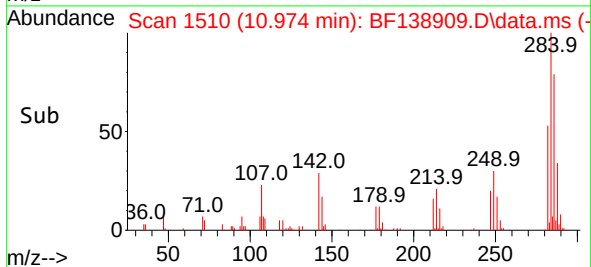
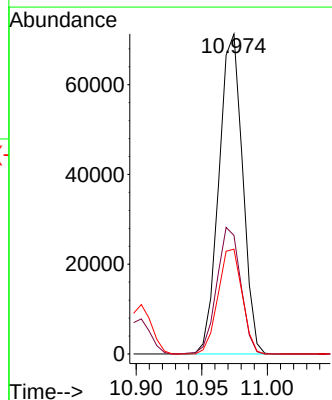
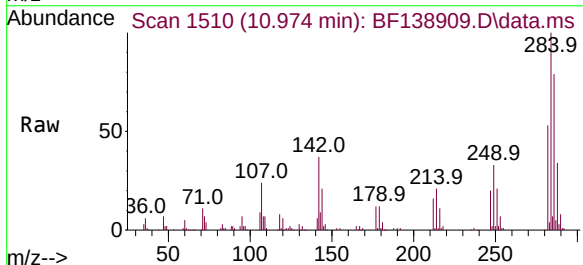
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

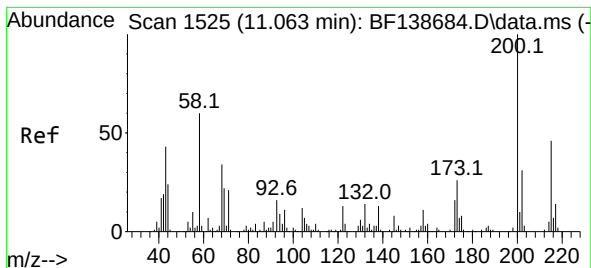
Tgt Ion:	248	Resp:	89002
Ion Ratio	Lower	Upper	
248	100		
250	97.5	77.7	116.5
141	85.6	68.0	102.0



#68
Hexachlorobenzene
Concen: 60.919 ng
RT: 10.974 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion:	284	Resp:	89394
Ion Ratio	Lower	Upper	
284	100		
142	37.1	31.3	46.9
249	32.8	27.2	40.8





#69

Atrazine

Concen: 69.081 ng

RT: 11.063 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

Instrument :

BNA_F

ClientSampleId :

MLS-15-70-85MS

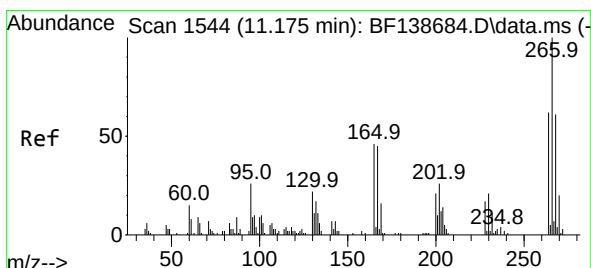
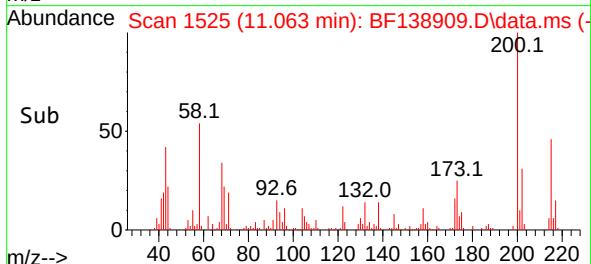
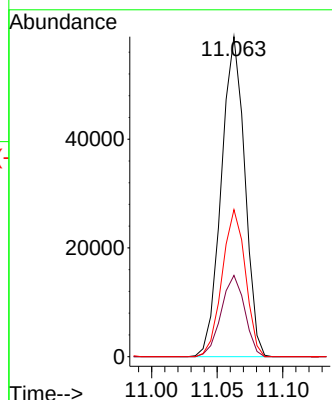
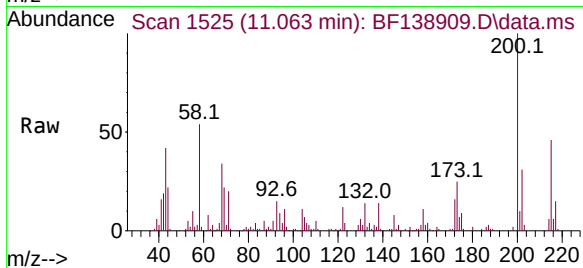
Tgt Ion:200 Resp: 73130

Ion Ratio Lower Upper

200 100

173 25.4 6.0 46.0

215 46.0 26.1 66.1



#70

Pentachlorophenol

Concen: 85.000 ng

RT: 11.174 min Scan# 1544

Delta R.T. -0.001 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

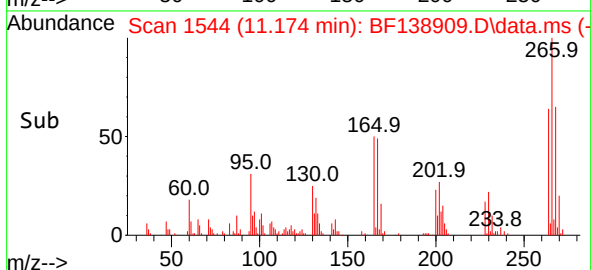
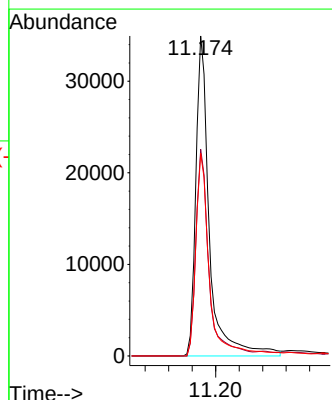
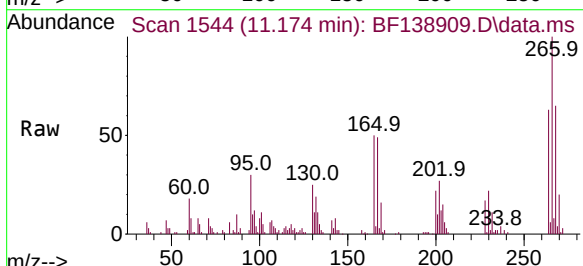
Tgt Ion:266 Resp: 56221

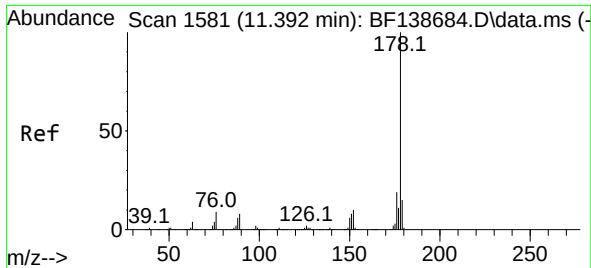
Ion Ratio Lower Upper

266 100

268 64.6 49.2 73.8

264 63.3 49.8 74.6

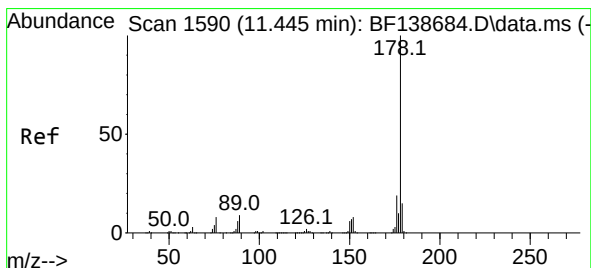
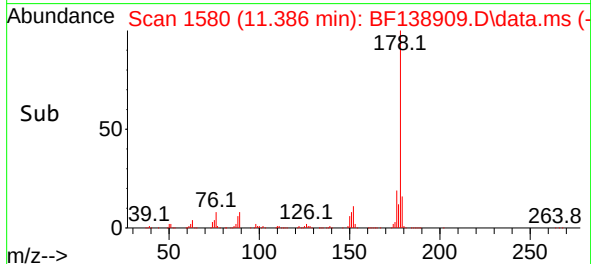
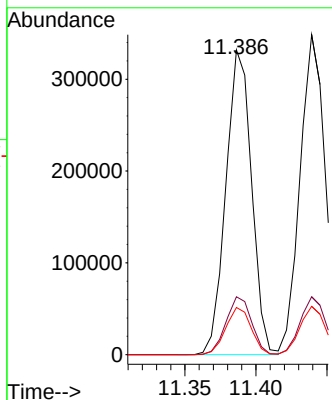
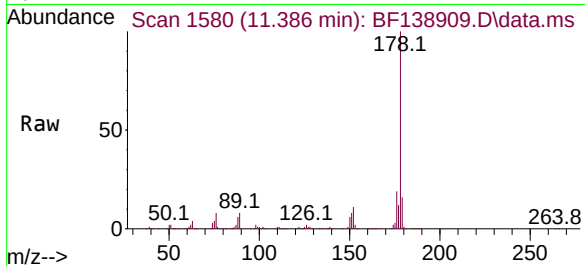




#71
Phenanthrene
Concen: 61.977 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

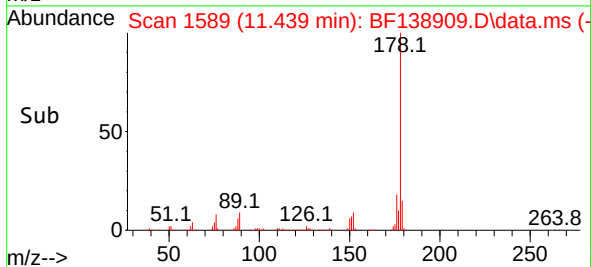
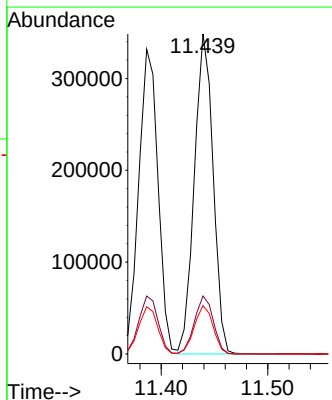
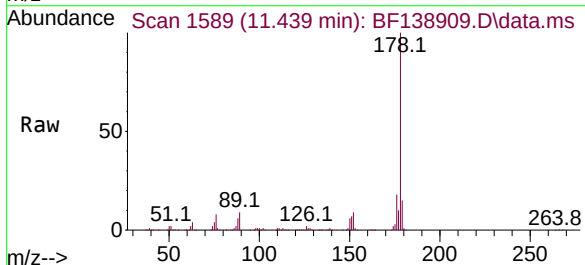
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

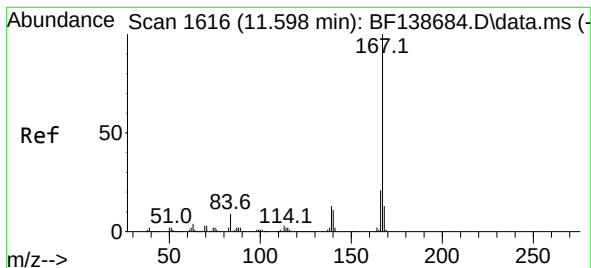
Tgt Ion:178 Resp: 418918
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.5 12.2 18.2



#72
Anthracene
Concen: 64.178 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion:178 Resp: 427343
Ion Ratio Lower Upper
178 100
176 18.1 14.9 22.3
179 15.1 12.4 18.6





#73

Carbazole

Concen: 57.495 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

Instrument :

BNA_F

ClientSampleId :

MLS-15-70-85MS

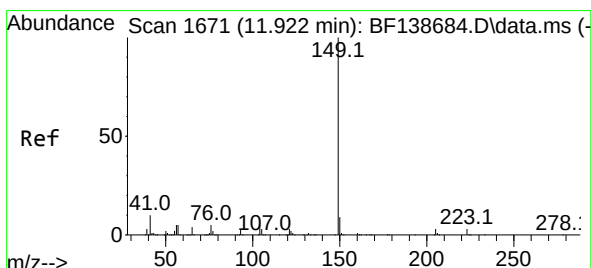
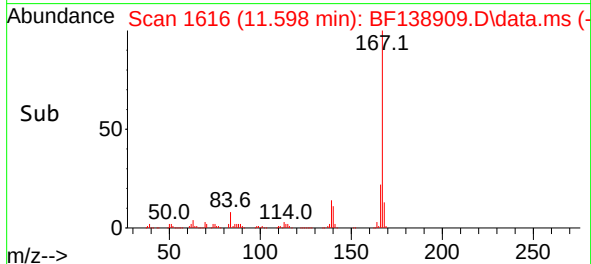
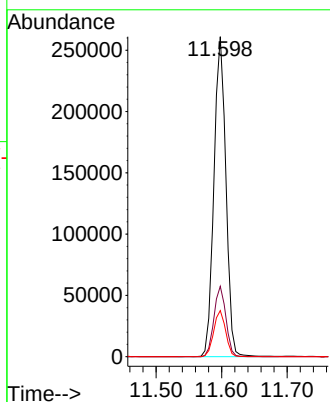
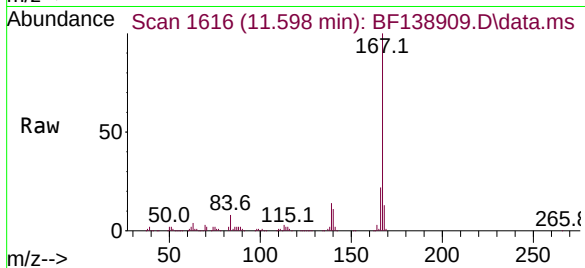
Tgt Ion:167 Resp: 330296

Ion Ratio Lower Upper

167 100

166 22.0 17.2 25.8

139 14.4 10.6 16.0



#74

Di-n-butylphthalate

Concen: 64.230 ng

RT: 11.916 min Scan# 1670

Delta R.T. -0.006 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

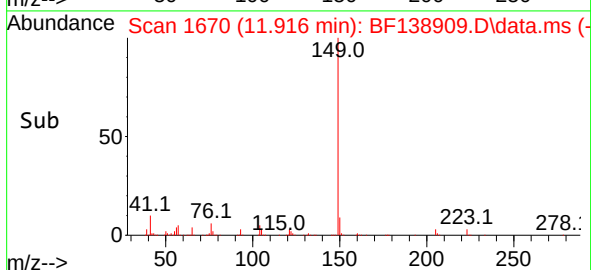
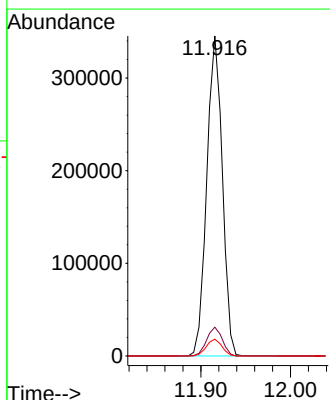
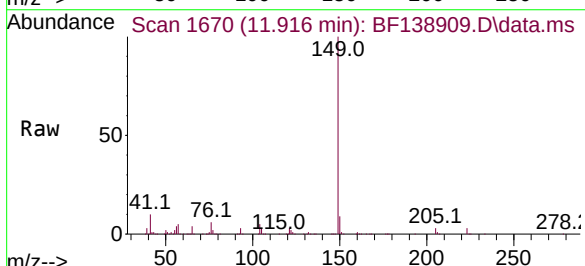
Tgt Ion:149 Resp: 414803

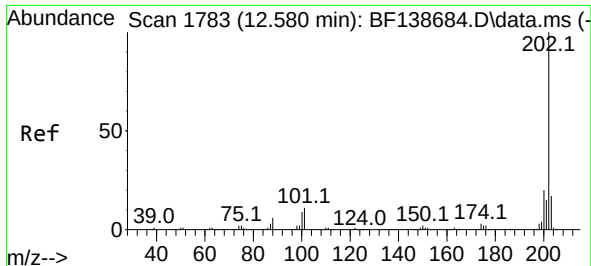
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.3 4.1 6.1

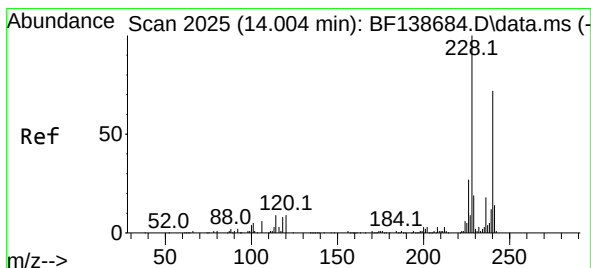
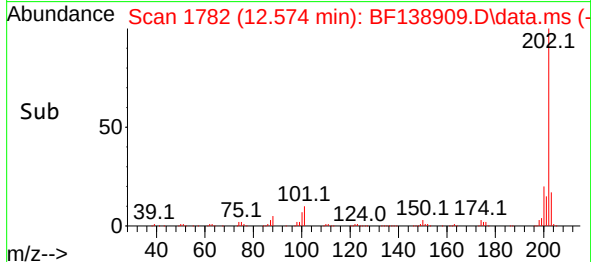
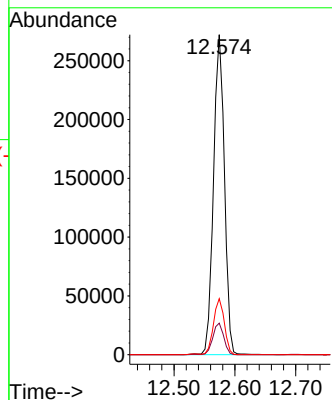
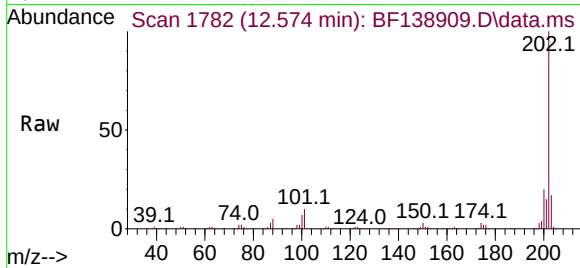




#75
Fluoranthene
Concen: 53.686 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

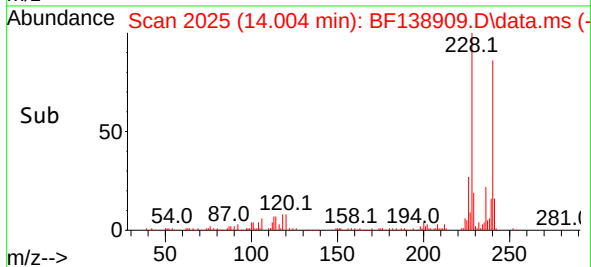
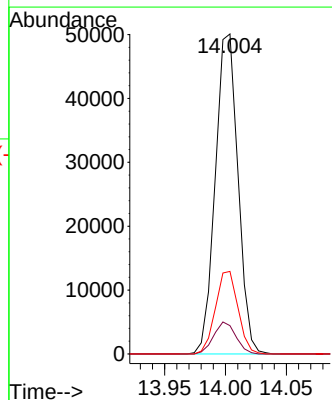
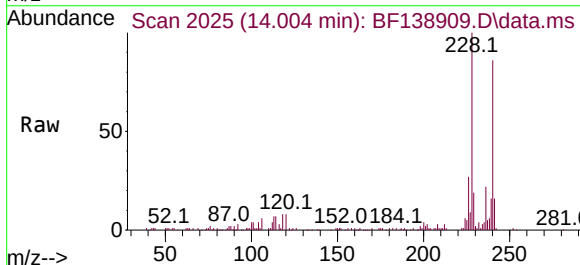
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

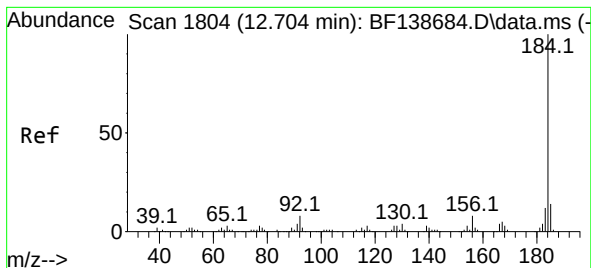
Tgt Ion:202 Resp: 338766
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.2
203 17.5 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion:240 Resp: 65057
Ion Ratio Lower Upper
240 100
120 8.9 10.2 15.4#
236 25.8 19.8 29.8





#77

Benzidine

Concen: 34.151 ng

RT: 12.698 min Scan# 1803

Delta R.T. -0.006 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

Instrument :

BNA_F

ClientSampleId :

MLS-15-70-85MS

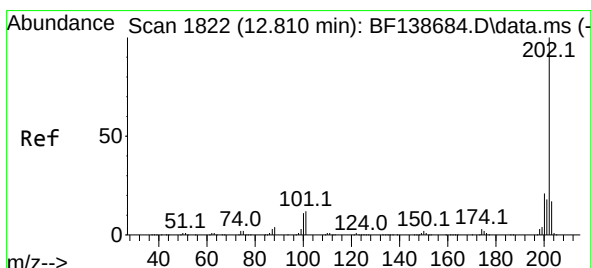
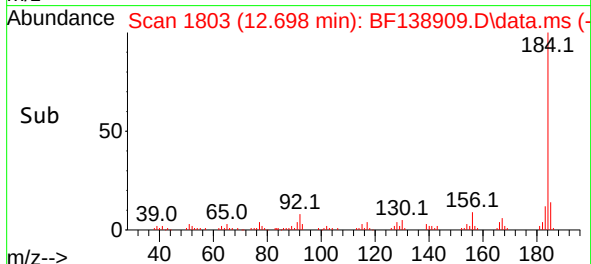
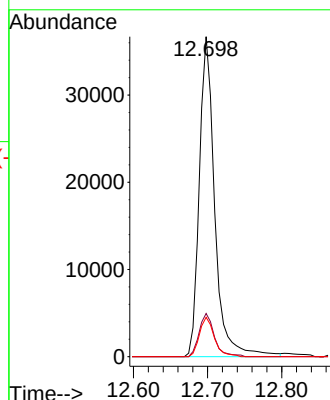
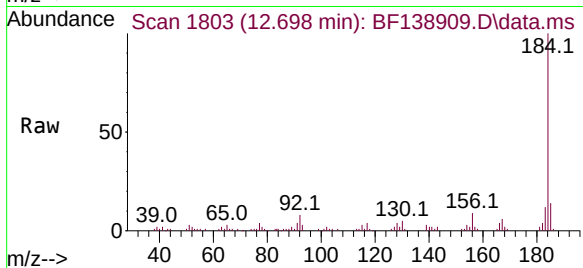
Tgt Ion:184 Resp: 53140

Ion Ratio Lower Upper

184 100

185 13.5 11.1 16.7

183 12.3 9.6 14.4



#78

Pyrene

Concen: 53.969 ng

RT: 12.804 min Scan# 1821

Delta R.T. -0.006 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

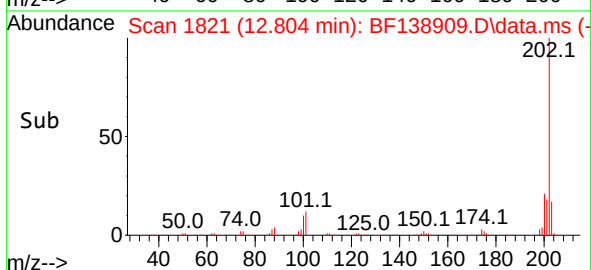
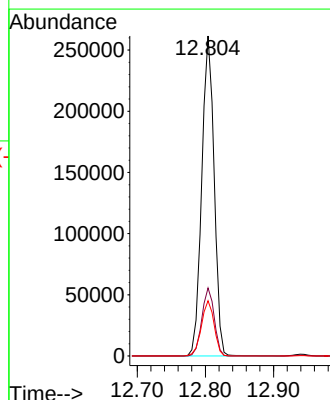
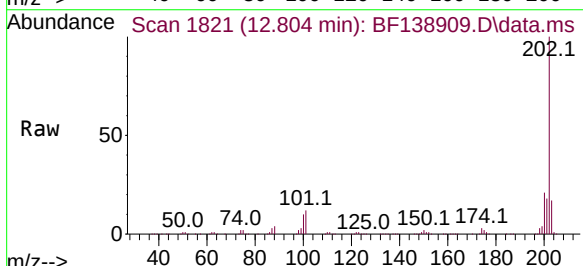
Tgt Ion:202 Resp: 330576

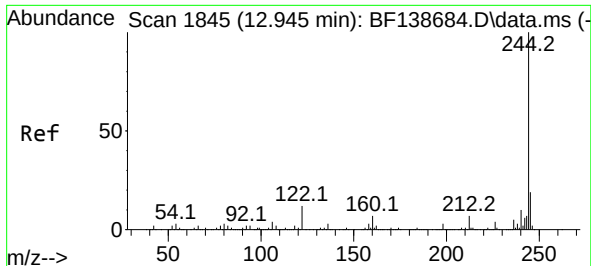
Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

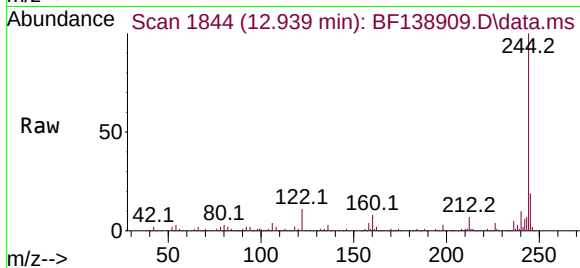
203 17.3 13.8 20.6



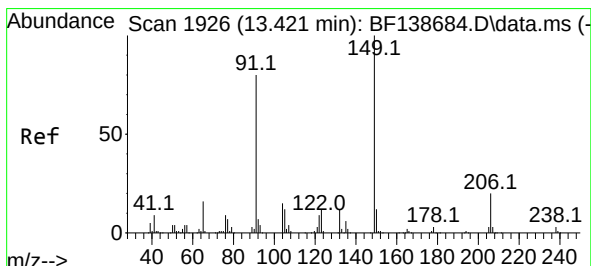
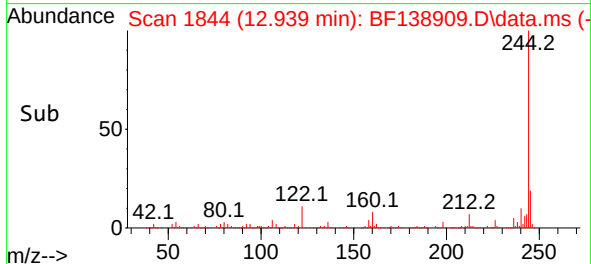
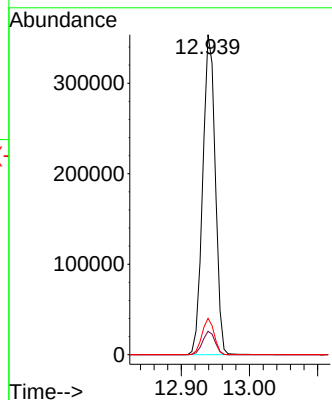


#79
 Terphenyl-d14
 Concen: 116.447 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138909.D
 Acq: 10 Aug 2024 14:48

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-70-85MS

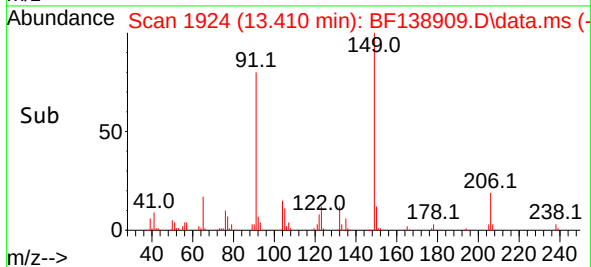
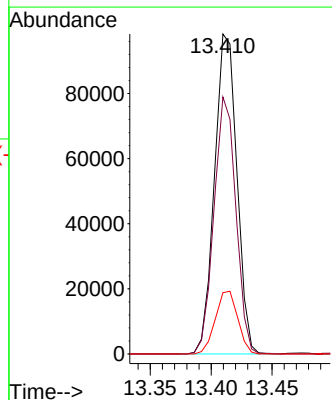
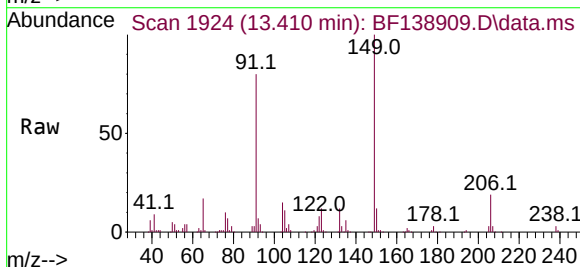


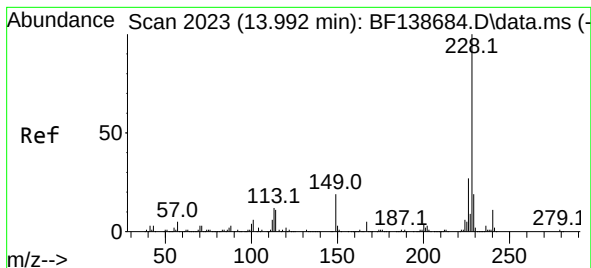
Tgt Ion:244 Resp: 452479
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 11.3 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 64.342 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.012 min
 Lab File: BF138909.D
 Acq: 10 Aug 2024 14:48

Tgt Ion:149 Resp: 126206
 Ion Ratio Lower Upper
 149 100
 91 80.3 63.7 95.5
 206 19.2 16.2 24.2





#81

Benzo(a)anthracene

Concen: 60.771 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

Instrument :

BNA_F

ClientSampleId :

MLS-15-70-85MS

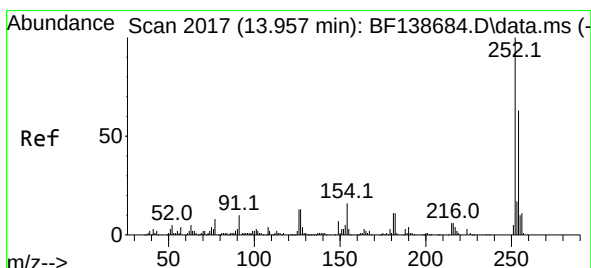
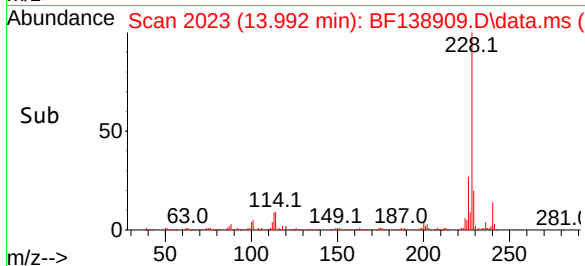
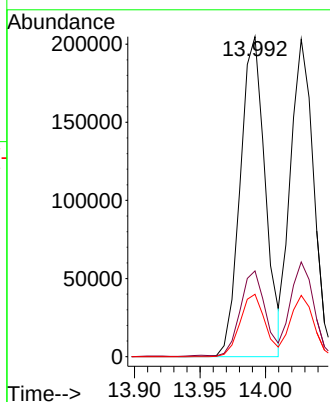
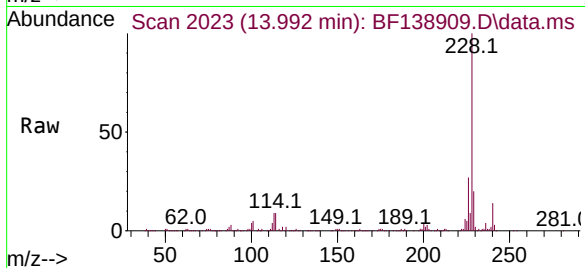
Tgt Ion:228 Resp: 272253

Ion Ratio Lower Upper

228 100

226 26.8 22.1 33.1

229 19.5 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 67.651 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

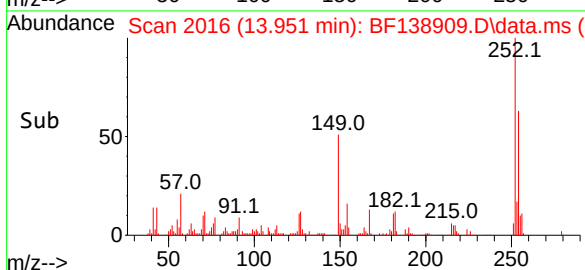
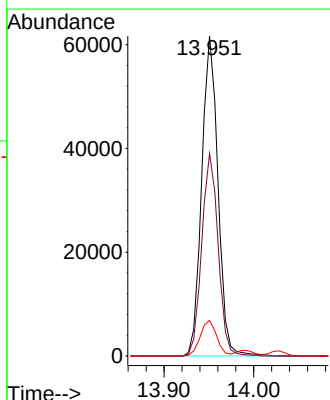
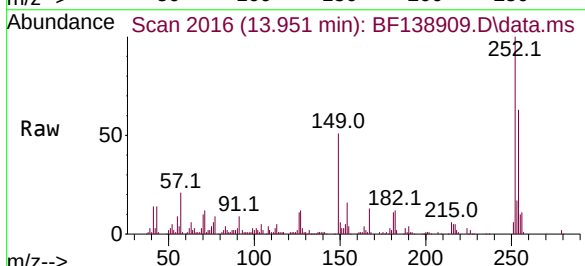
Tgt Ion:252 Resp: 77558

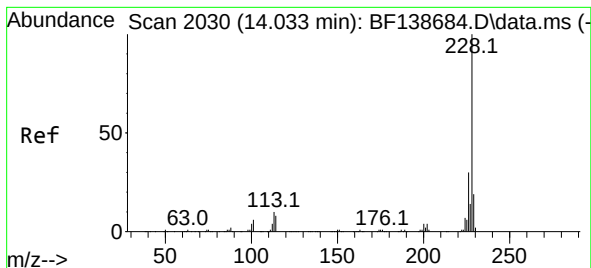
Ion Ratio Lower Upper

252 100

254 63.3 50.8 76.2

126 11.2 10.2 15.2





#83

Chrysene

Concen: 61.521 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

Instrument :

BNA_F

ClientSampleId :

MLS-15-70-85MS

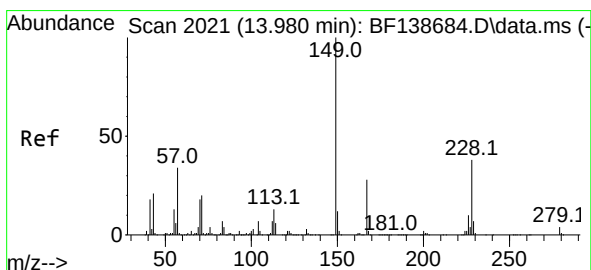
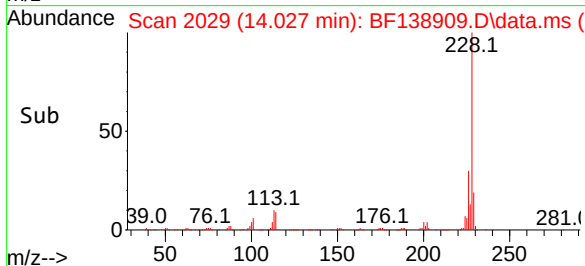
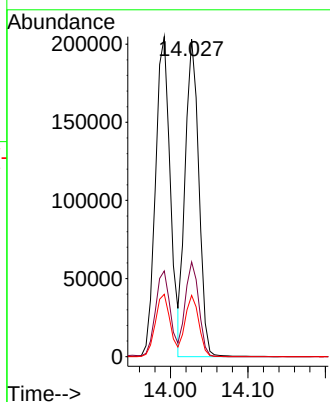
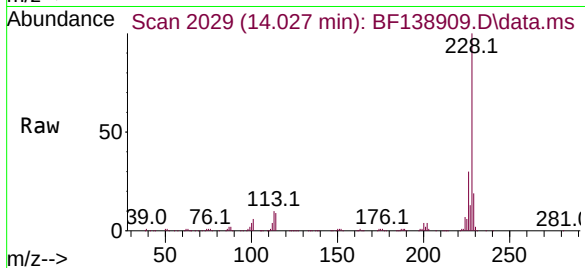
Tgt Ion:228 Resp: 248656

Ion Ratio Lower Upper

228 100

226 29.8 23.7 35.5

229 19.3 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.340 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138909.D

Acq: 10 Aug 2024 14:48

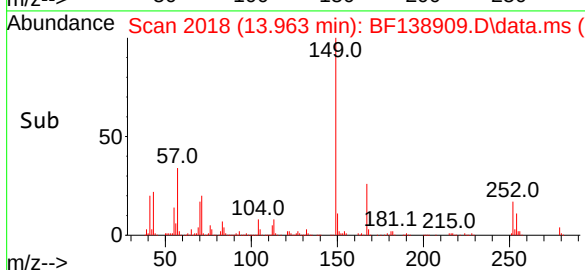
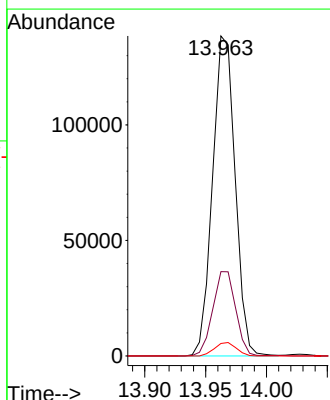
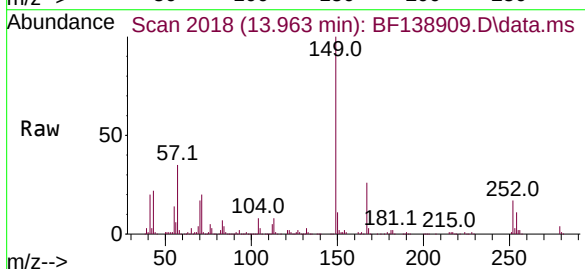
Tgt Ion:149 Resp: 179058

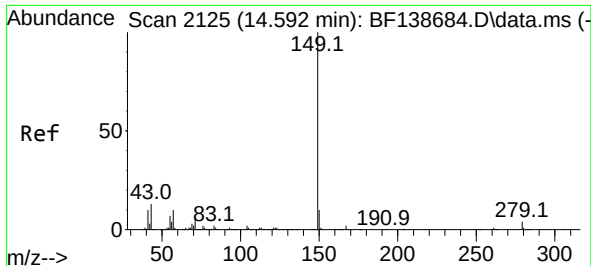
Ion Ratio Lower Upper

149 100

167 26.4 22.2 33.4

279 3.9 3.4 5.0

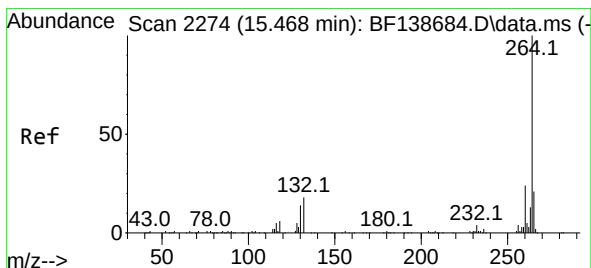
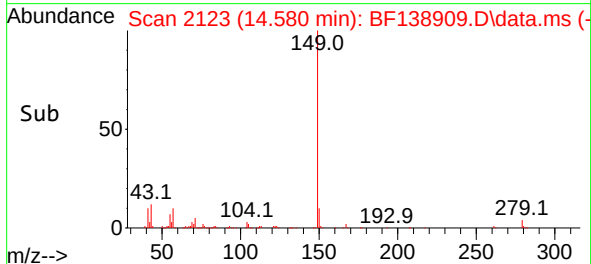
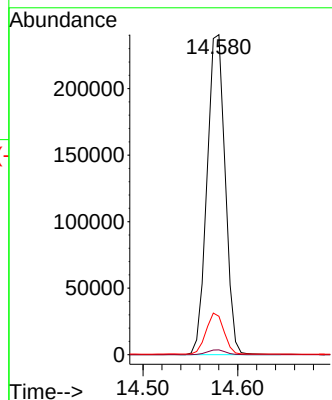
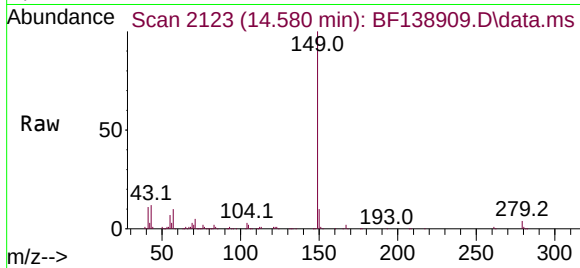




#85
Di-n-octyl phthalate
Concen: 60.041 ng
RT: 14.580 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

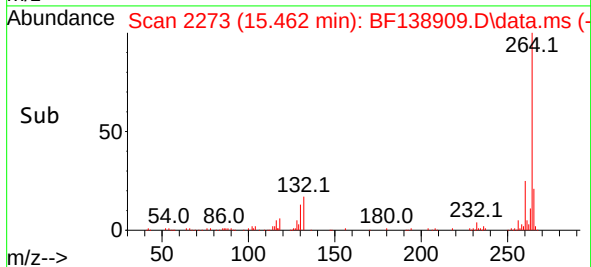
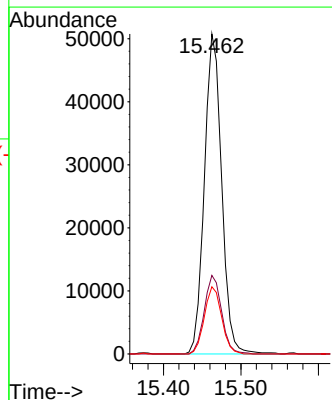
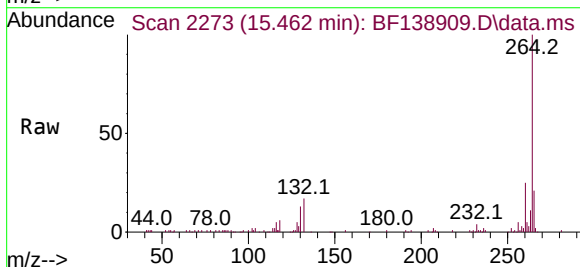
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

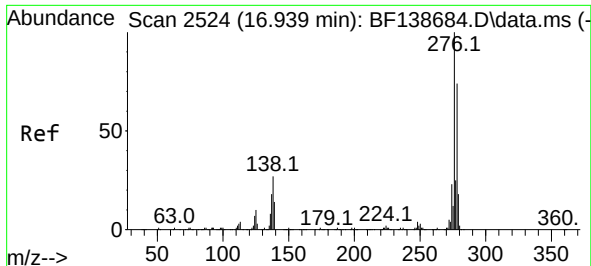
Tgt Ion:149 Resp: 319070
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 12.6 10.4 15.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion:264 Resp: 78552
Ion Ratio Lower Upper
264 100
260 24.5 19.0 28.6
265 21.0 17.0 25.6

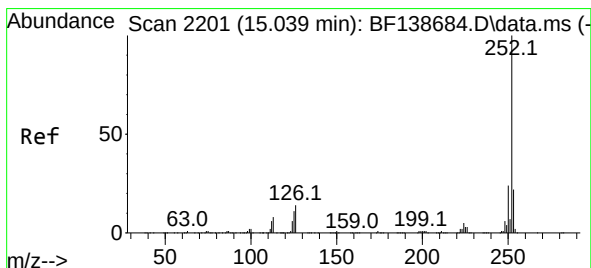
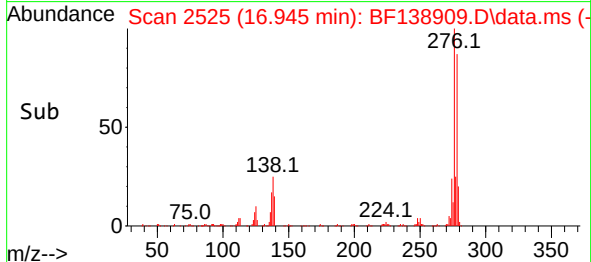
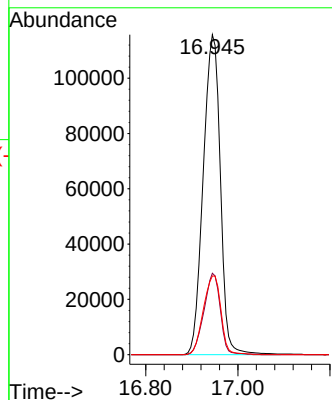
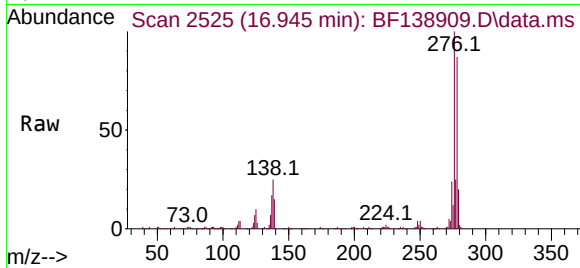




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.252 ng
 RT: 16.945 min Scan# 2524
 Delta R.T. 0.006 min
 Lab File: BF138909.D
 Acq: 10 Aug 2024 14:48

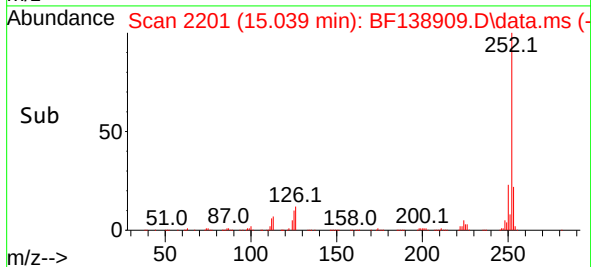
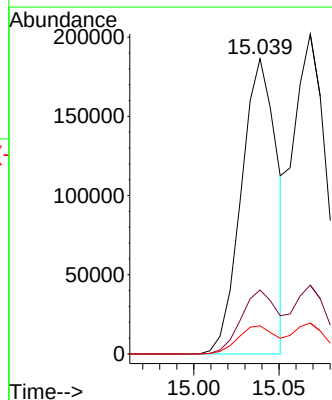
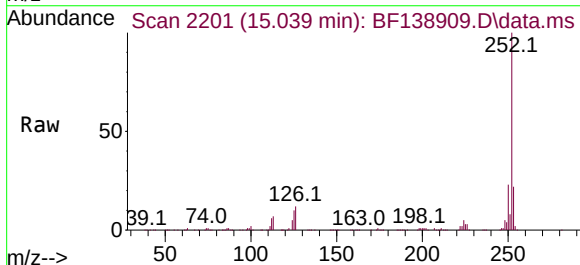
Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-70-85MS

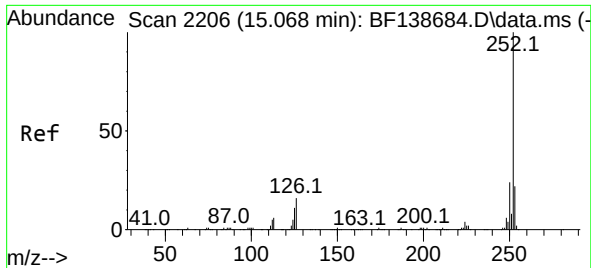
Tgt Ion:276 Resp: 299773
 Ion Ratio Lower Upper
 276 100
 138 24.3 21.8 32.8
 277 25.2 20.6 30.8



#88
 Benzo(b)fluoranthene
 Concen: 55.391 ng
 RT: 15.039 min Scan# 2201
 Delta R.T. -0.000 min
 Lab File: BF138909.D
 Acq: 10 Aug 2024 14:48

Tgt Ion:252 Resp: 269722
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.5 26.3
 125 9.5 8.9 13.3

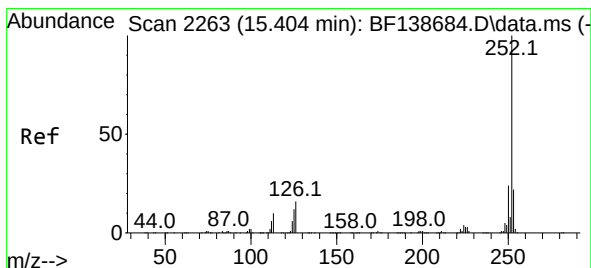
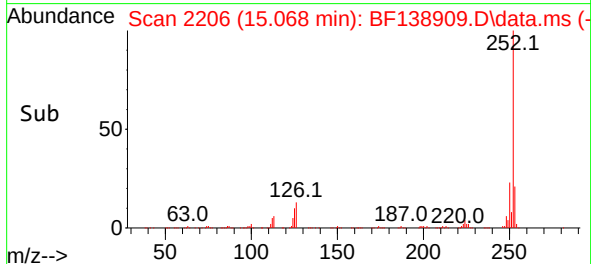
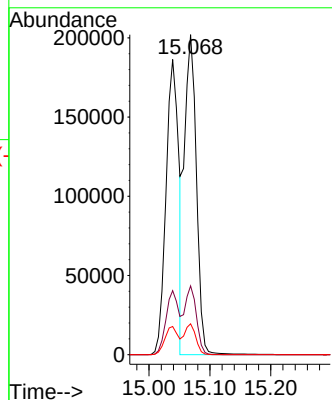
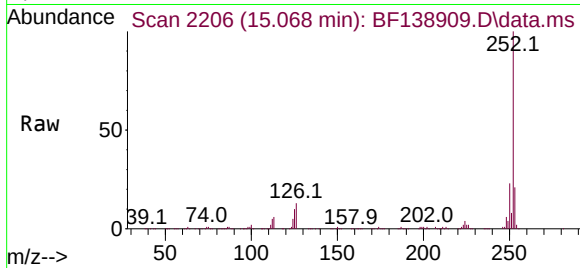




#89
Benzo(k)fluoranthene
Concen: 65.346 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

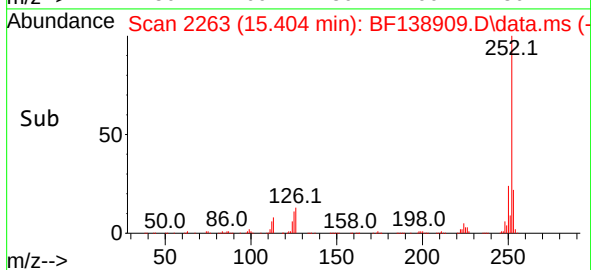
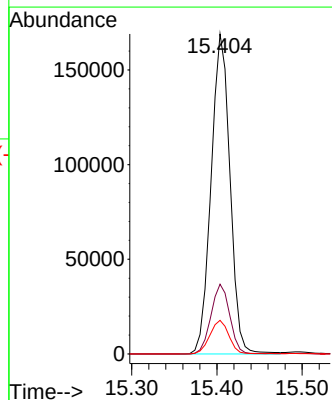
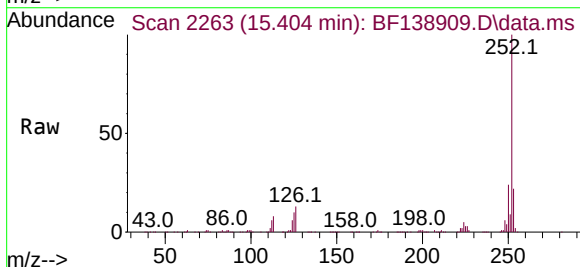
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MS

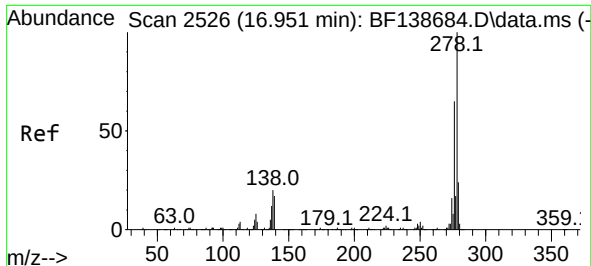
Tgt Ion:252 Resp: 275502
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 9.6 8.6 13.0



#90
Benzo(a)pyrene
Concen: 63.590 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF138909.D
Acq: 10 Aug 2024 14:48

Tgt Ion:252 Resp: 260458
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 10.5 9.5 14.3

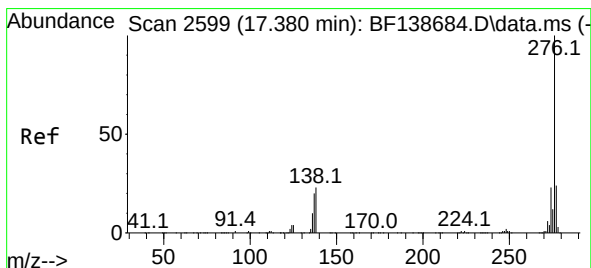
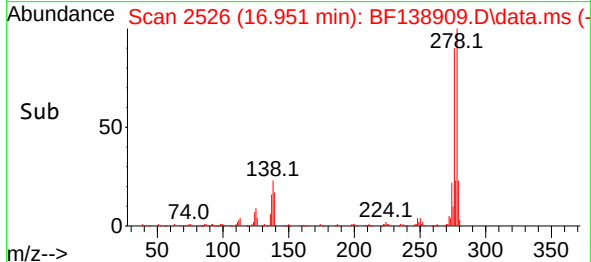
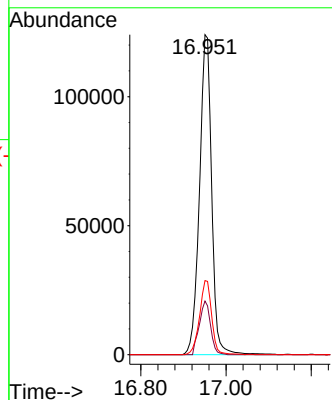
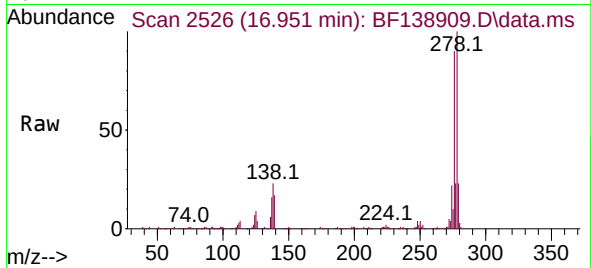




#91
 Dibenzo(a,h)anthracene
 Concen: 53.210 ng
 RT: 16.951 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF138909.D
 Acq: 10 Aug 2024 14:48

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-70-85MS

Tgt Ion:278 Resp: 245880
 Ion Ratio Lower Upper
 278 100
 139 16.7 14.0 21.0
 279 23.2 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 44.816 ng
 RT: 17.386 min Scan# 2600
 Delta R.T. 0.006 min
 Lab File: BF138909.D
 Acq: 10 Aug 2024 14:48

Tgt Ion:276 Resp: 214902
 Ion Ratio Lower Upper
 276 100
 277 22.8 19.0 28.4
 138 20.3 18.5 27.7

