

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136907.D
 Acq On : 03 Jan 2024 14:52
 Operator : CG\JU
 Sample : 05975-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7-122023MSD

Quant Time: Jan 03 15:36:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	88734	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	351131	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	177609	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	318318	20.000	ng	0.00
76) Chrysene-d12	13.969	240	171241	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	187921	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	347560	61.114	ng	0.00
7) Phenol-d6	6.428	99	276230	37.485	ng	-0.01
23) Nitrobenzene-d5	7.351	82	580599	84.612	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	251377	120.176	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1108218	83.922	ng	-0.01
79) Terphenyl-d14	12.904	244	1032506	84.261	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.605	88	42513	17.941	ng	98
3) Pyridine	3.375	79	68150	11.788	ng	94
4) n-Nitrosodimethylamine	3.322	42	57731	18.699	ng	# 100
6) Aniline	6.451	93	176861	24.005	ng	96
8) 2-Chlorophenol	6.575	128	237698	38.194	ng	92
9) Benzaldehyde	6.334	77	61234	14.609	ng	97
10) Phenol	6.440	94	114954	14.613	ng	93
11) bis(2-Chloroethyl)ether	6.522	93	270485	45.214	ng	98
12) 1,3-Dichlorobenzene	6.722	146	246400	36.293	ng	97
13) 1,4-Dichlorobenzene	6.798	146	256760	37.013	ng	98
14) 1,2-Dichlorobenzene	6.951	146	245919	38.097	ng	97
15) Benzyl Alcohol	6.934	79	153440	30.864	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	417962	42.733	ng	77
17) 2-Methylphenol	7.051	107	156402	30.335	ng	# 87
18) Hexachloroethane	7.287	117	89525	35.535	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	200106	44.796	ng	98
20) 3+4-Methylphenols	7.198	107	173140	26.880	ng	91
22) Acetophenone	7.193	105	401659	45.638	ng	# 89
24) Nitrobenzene	7.369	77	285703	41.564	ng	97
25) Isophorone	7.604	82	547700	43.865	ng	100
26) 2-Nitrophenol	7.681	139	148329	45.102	ng	96
27) 2,4-Dimethylphenol	7.722	122	188663	47.120	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	340099	44.811	ng	98
29) 2,4-Dichlorophenol	7.928	162	217547	42.204	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	222597	38.758	ng	98
31) Naphthalene	8.081	128	784688	40.678	ng	100
32) Benzoic acid	7.834	122	48552	12.533	ng	98
33) 4-Chloroaniline	8.134	127	115576	16.227	ng	97
34) Hexachlorobutadiene	8.192	225	130623	37.435	ng	97
35) Caprolactam	8.516	113	12058	7.091	ng	97
36) 4-Chloro-3-methylphenol	8.628	107	219634	37.849	ng	99
37) 2-Methylnaphthalene	8.775	142	504094	40.605	ng	98
38) 1-Methylnaphthalene	8.875	142	495010	40.642	ng	99
40) 1,2,4,5-Tetrachloroben...	8.940	216	249773	45.410	ng	100
41) Hexachlorocyclopentadiene	8.922	237	117329	67.702	ng	97
43) 2,4,6-Trichlorophenol	9.057	196	160076	45.379	ng	98

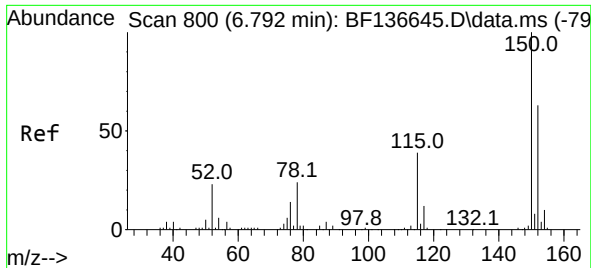
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 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	171998	43.755	ng	97
46) 1,1'-Biphenyl	9.239	154	680325	45.647	ng	98
47) 2-Chloronaphthalene	9.269	162	489146	43.171	ng	98
48) 2-Nitroaniline	9.369	65	153697	43.318	ng	96
49) Acenaphthylene	9.681	152	789426	45.583	ng	99
50) Dimethylphthalate	9.551	163	585502	45.132	ng	99
51) 2,6-Dinitrotoluene	9.616	165	127779	43.400	ng	95
52) Acenaphthene	9.857	154	464452	43.264	ng	99
53) 3-Nitroaniline	9.781	138	79018	25.335	ng	94
54) 2,4-Dinitrophenol	9.898	184	106022	65.676	ng	92
55) Dibenzofuran	10.028	168	700362	43.038	ng	99
56) 4-Nitrophenol	9.963	139	52977	25.162	ng	98
57) 2,4-Dinitrotoluene	10.022	165	156561	40.961	ng	91
58) Fluorene	10.375	166	559418	43.325	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	137922	45.579	ng	98
60) Diethylphthalate	10.251	149	595059	44.209	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	263466	41.979	ng	97
62) 4-Nitroaniline	10.404	138	118995	39.577	ng	97
63) Azobenzene	10.522	77	541126	43.042	ng	99
65) 4,6-Dinitro-2-methylph...	10.434	198	74123	40.631	ng	93
66) n-Nitrosodiphenylamine	10.486	169	490833	47.467	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	163575	46.271	ng	98
68) Hexachlorobenzene	10.922	284	183808	46.656	ng	95
69) Atrazine	11.022	200	149004	56.339	ng	98
70) Pentachlorophenol	11.122	266	165656	90.212	ng	99
71) Phenanthrene	11.339	178	752477	46.071	ng	100
72) Anthracene	11.392	178	755992	45.704	ng	100
73) Carbazole	11.551	167	671688	43.070	ng	100
74) Di-n-butylphthalate	11.880	149	906833	47.653	ng	99
75) Fluoranthene	12.533	202	718138	41.105	ng	99
77) Benzidine	12.657	184	85166	16.867	ng	98
78) Pyrene	12.763	202	711044	42.298	ng	100
80) Butylbenzylphthalate	13.380	149	301195	49.241	ng	95
81) Benzo(a)anthracene	13.957	228	537734	45.223	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	153079	45.331	ng	99
83) Chrysene	13.992	228	516612	44.428	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	424358	55.140	ng #	98
85) Di-n-octyl phthalate	14.563	149	703053	59.057	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	602441	44.401	ng	100
88) Benzo(b)fluoranthene	15.016	252	522199	41.605	ng	99
89) Benzo(k)fluoranthene	15.045	252	494842	41.724	ng	99
90) Benzo(a)pyrene	15.386	252	458088	43.237	ng	100
91) Dibenzo(a,h)anthracene	16.974	278	508615	45.692	ng	99
92) Benzo(g,h,i)perylene	17.415	276	466350	40.905	ng	100

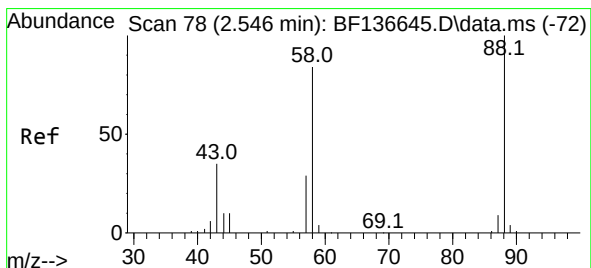
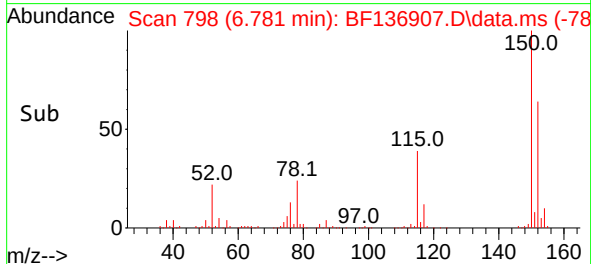
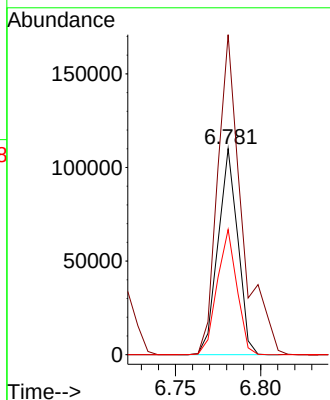
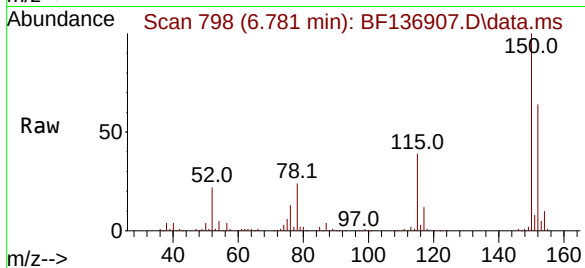
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136907.D
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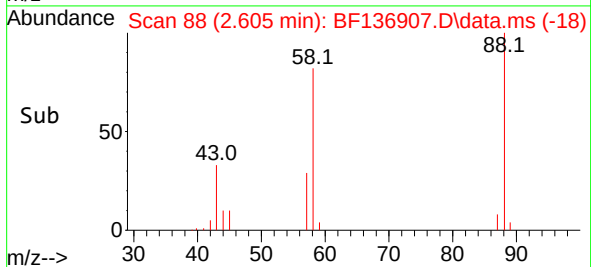
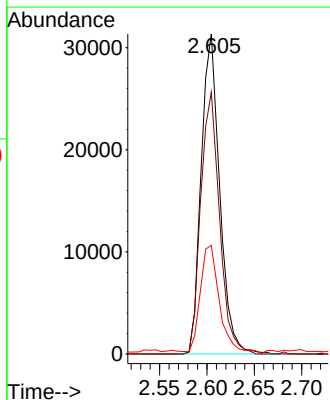
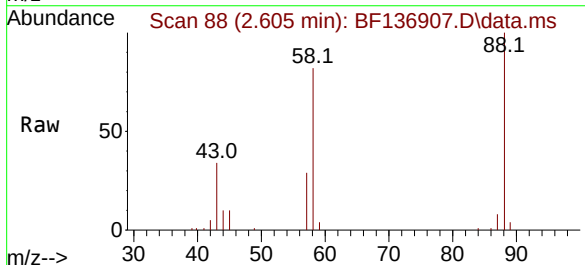
Instrument :
 BNA_F
 ClientSampleId :
 MW-7-122023MSD

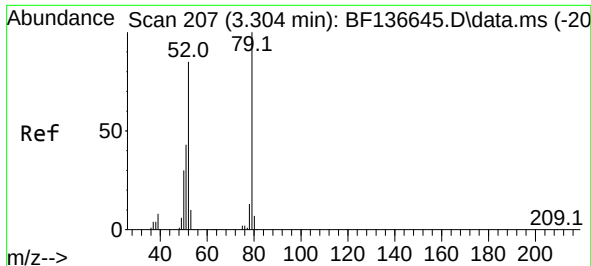
Tgt Ion:152 Resp: 88734
 Ion Ratio Lower Upper
 152 100
 150 155.3 127.0 190.6
 115 60.8 49.0 73.4



#2
 1,4-Dioxane
 Concen: 17.941 ng
 RT: 2.605 min Scan# 88
 Delta R.T. 0.059 min
 Lab File: BF136907.D
 Acq: 03 Jan 2024 14:52

Tgt Ion: 88 Resp: 42513
 Ion Ratio Lower Upper
 88 100
 58 82.9 67.4 101.0
 43 35.7 27.7 41.5

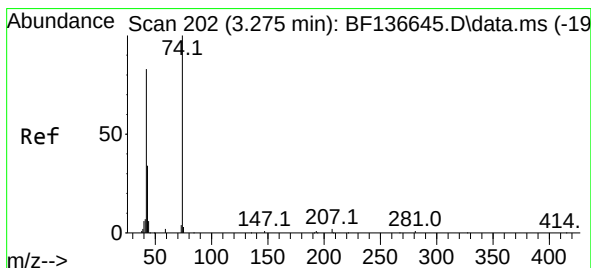
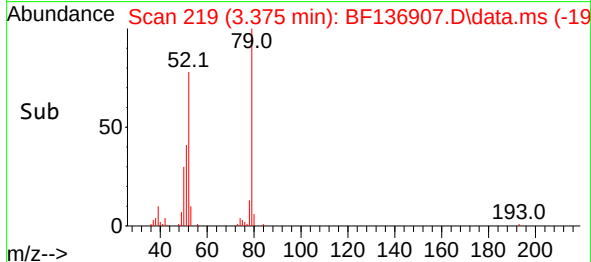
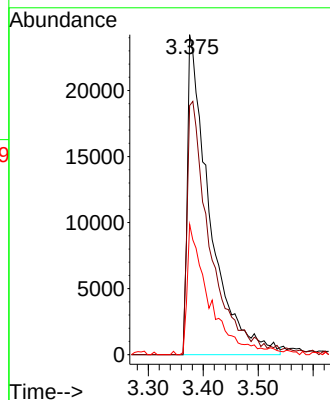
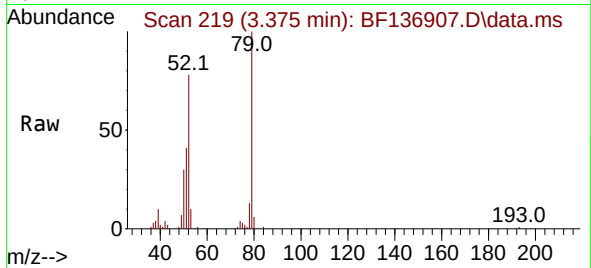




#3
Pyridine
Concen: 11.788 ng
RT: 3.375 min Scan# 210
Delta R.T. 0.071 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

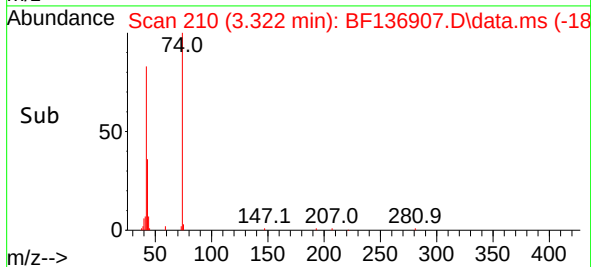
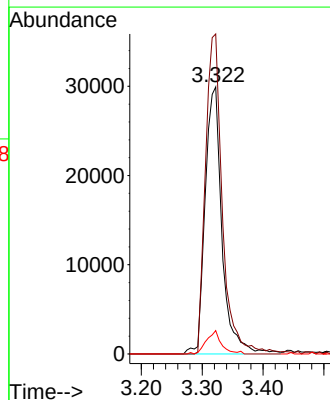
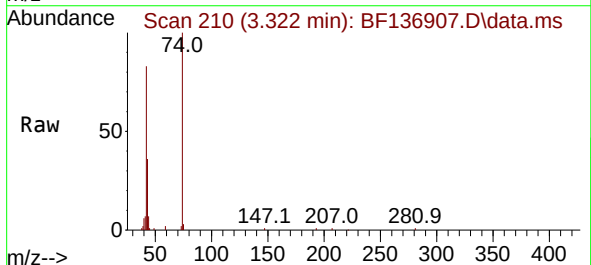
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ClientSampleId :
MW-7-122023MSD

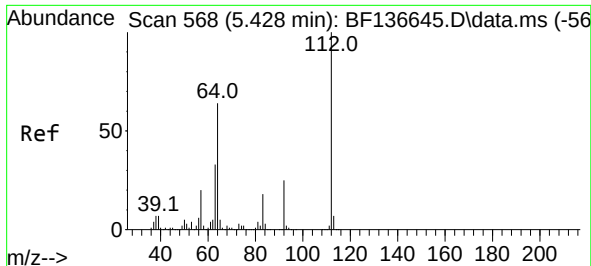
Tgt Ion: 79 Resp: 68150
Ion Ratio Lower Upper
79 100
52 77.9 67.7 101.5
51 40.7 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 18.699 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.047 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion: 42 Resp: 57731
Ion Ratio Lower Upper
42 100
74 119.9 96.0 144.0
44 8.8 5.4 8.2#

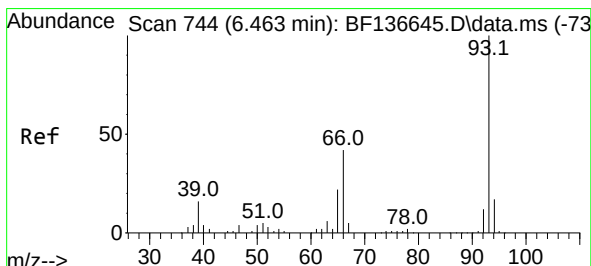
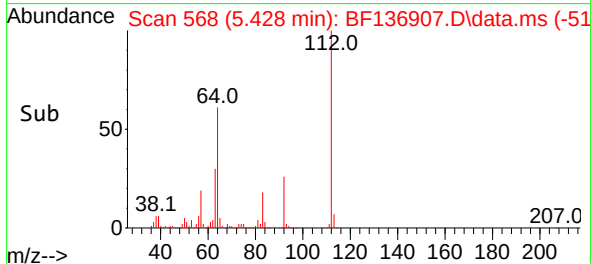
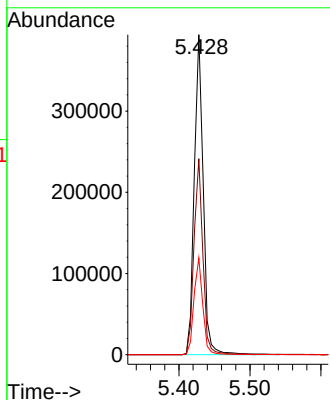
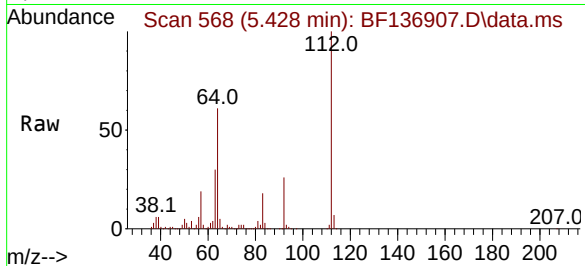




#5
2-Fluorophenol
Concen: 61.114 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

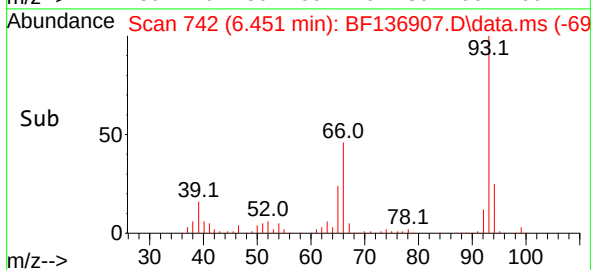
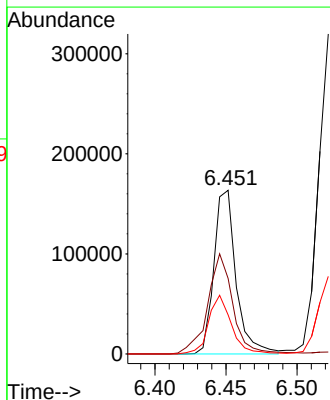
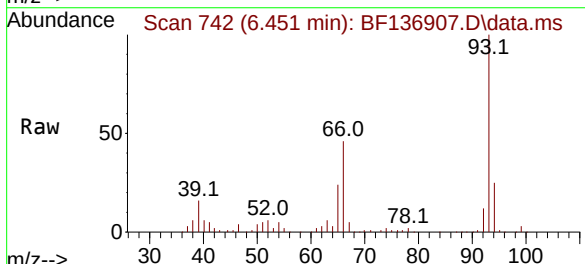
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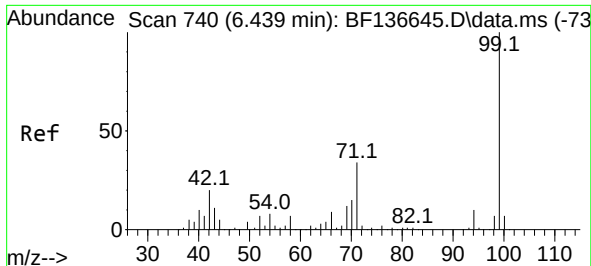
Tgt Ion:112 Resp: 347560
Ion Ratio Lower Upper
112 100
64 61.2 51.1 76.7
63 30.3 26.1 39.1



#6
Aniline
Concen: 24.005 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.011 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion: 93 Resp: 176861
Ion Ratio Lower Upper
93 100
66 46.2 34.6 51.8
65 23.8 17.8 26.8

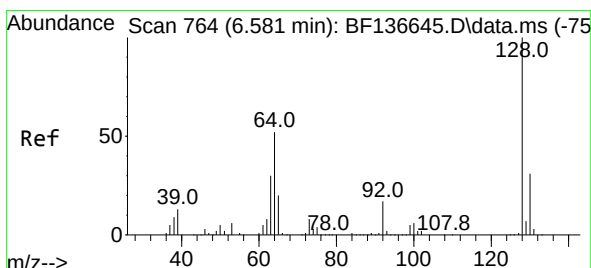
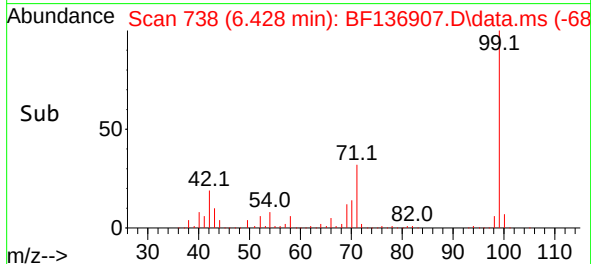
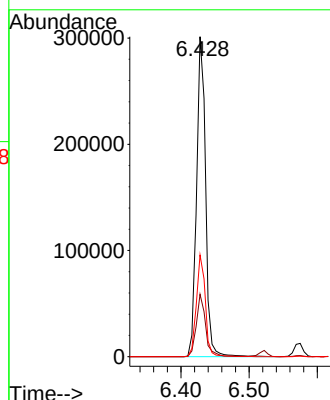
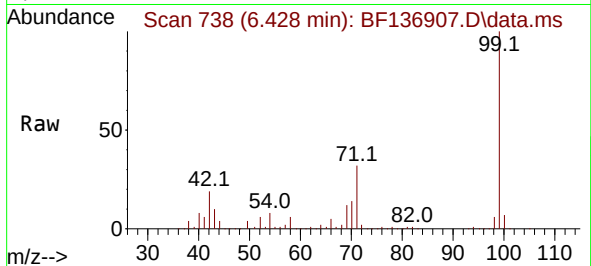




#7
Phenol-d6
Concen: 37.485 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

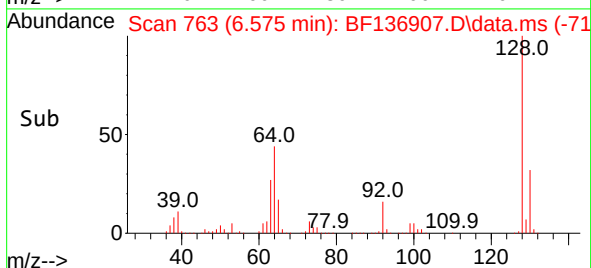
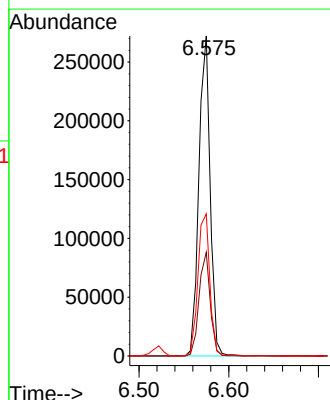
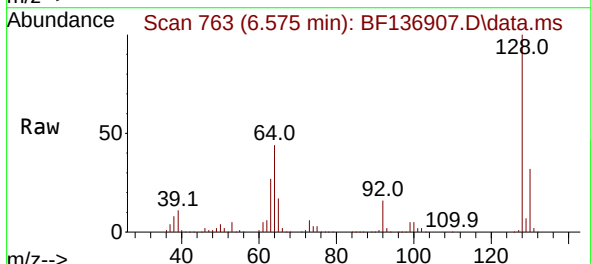
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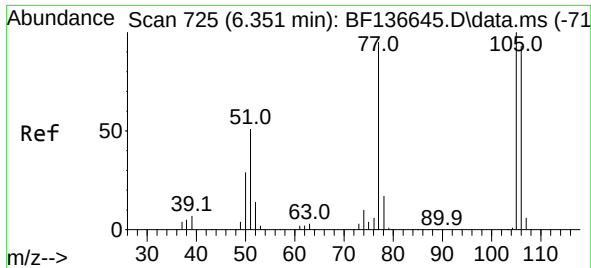
Tgt Ion: 99 Resp: 276230
Ion Ratio Lower Upper
99 100
42 19.5 16.1 24.1
71 31.8 27.4 41.2



#8
2-Chlorophenol
Concen: 38.194 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:128 Resp: 237698
Ion Ratio Lower Upper
128 100
130 32.4 11.3 51.3
64 44.4 32.5 72.5





#9

Benzaldehyde

Concen: 14.609 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.017 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

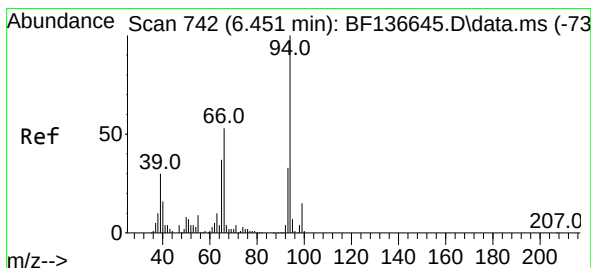
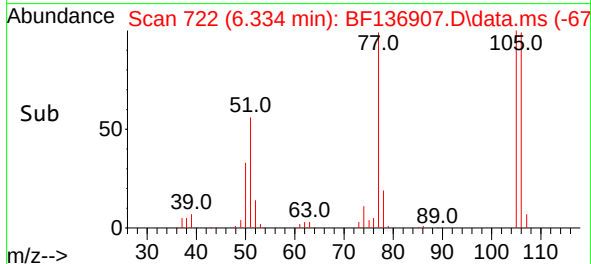
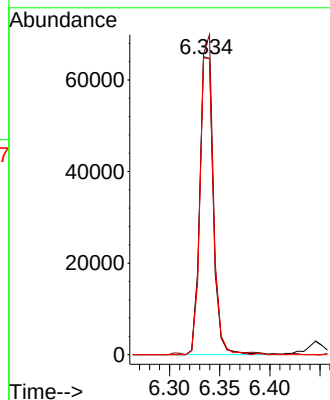
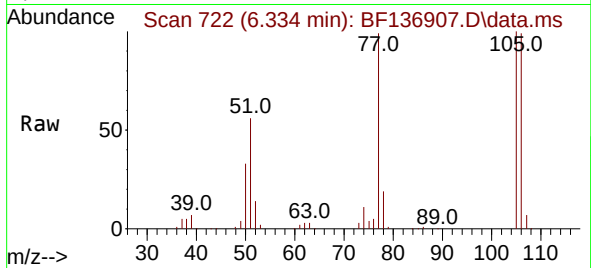
Tgt Ion: 77 Resp: 61234

Ion Ratio Lower Upper

77 100

105 100.9 84.8 124.8

106 99.5 77.8 117.8



#10

Phenol

Concen: 14.613 ng

RT: 6.440 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

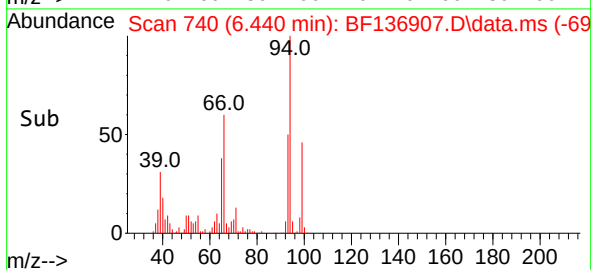
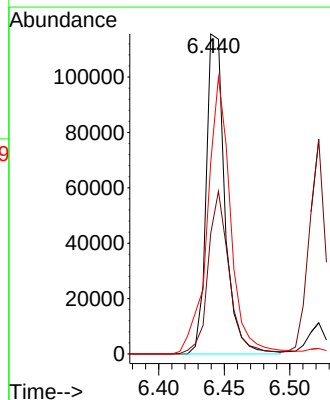
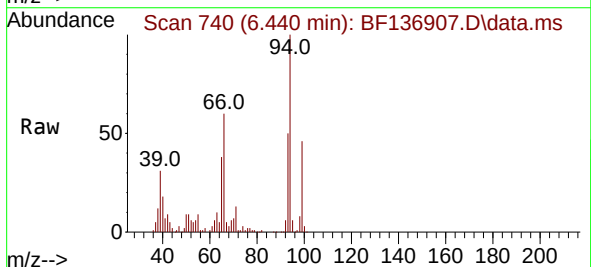
Tgt Ion: 94 Resp: 114954

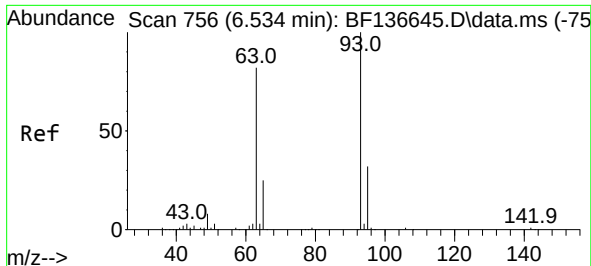
Ion Ratio Lower Upper

94 100

65 37.7 16.6 56.6

66 59.9 32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 45.214 ng

RT: 6.522 min Scan# 754

Delta R.T. -0.011 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

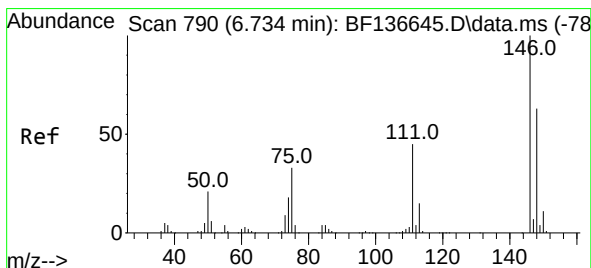
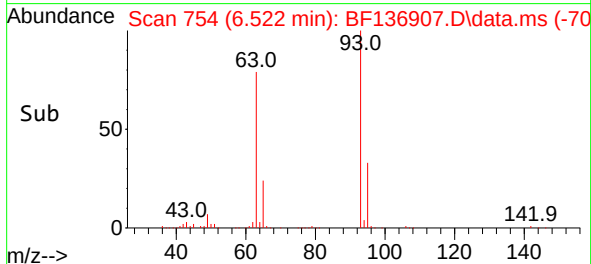
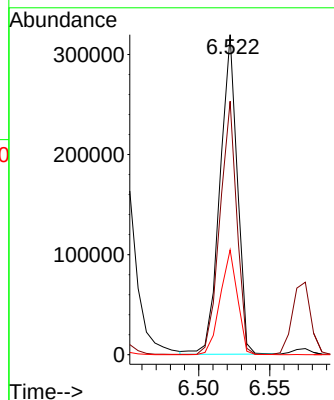
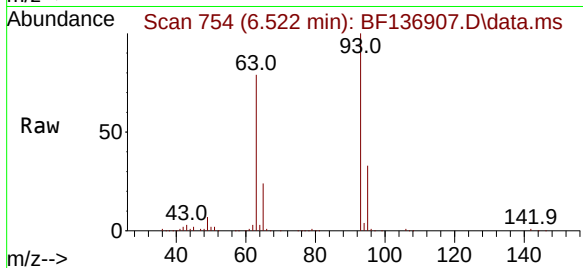
Tgt Ion: 93 Resp: 270485

Ion Ratio Lower Upper

93 100

63 79.2 61.2 101.2

95 32.8 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 36.293 ng

RT: 6.722 min Scan# 788

Delta R.T. -0.012 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

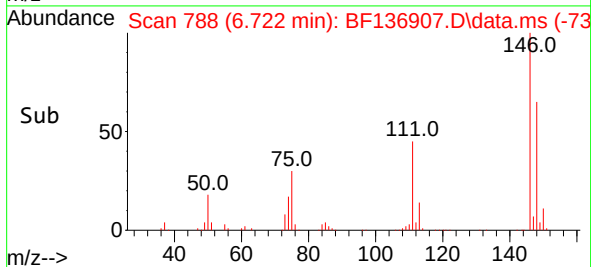
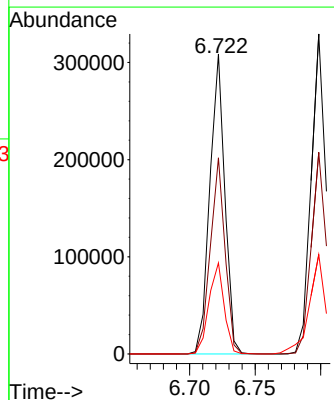
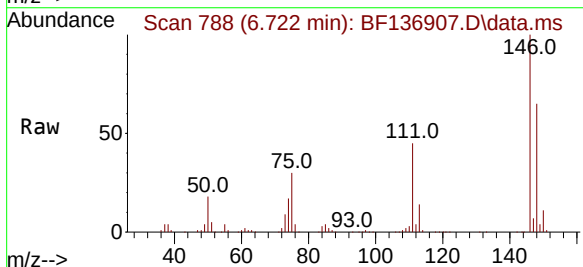
Tgt Ion: 146 Resp: 246400

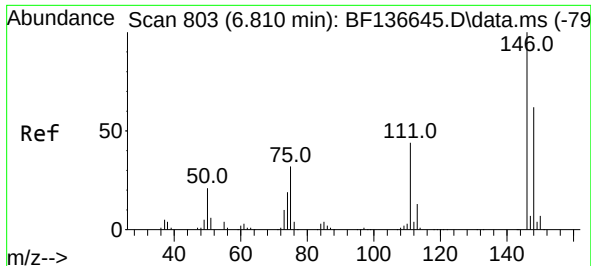
Ion Ratio Lower Upper

146 100

148 65.4 50.5 75.7

75 30.4 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 37.013 ng

RT: 6.798 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

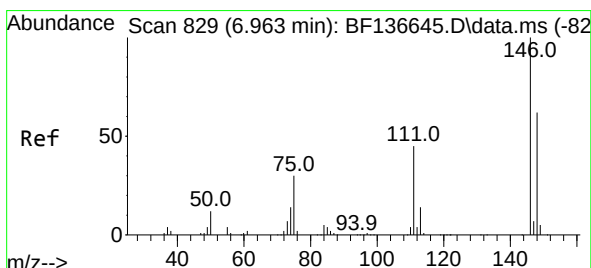
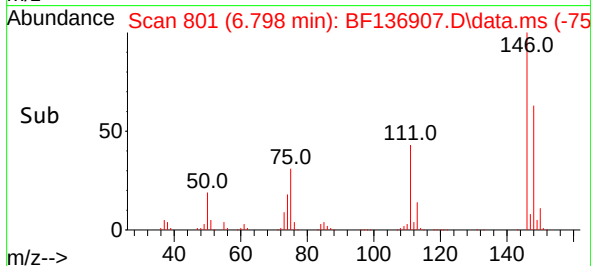
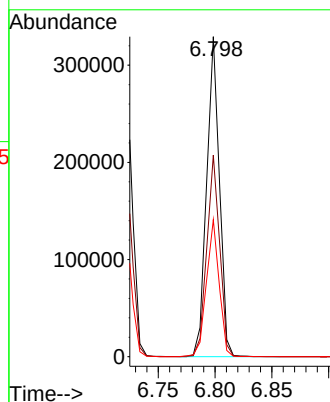
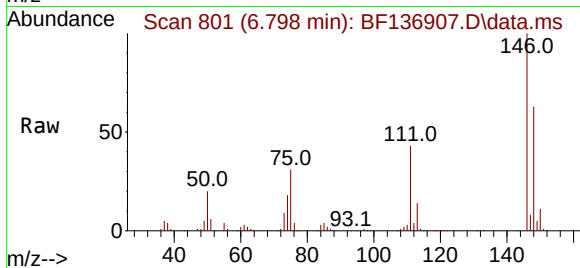
Tgt Ion:146 Resp: 256760

Ion Ratio Lower Upper

146 100

148 63.0 49.2 73.8

111 42.8 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 38.097 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

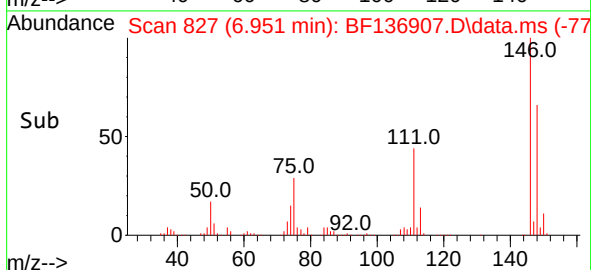
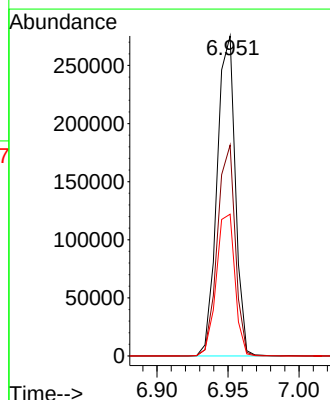
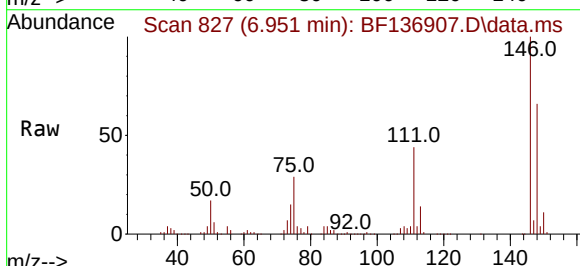
Tgt Ion:146 Resp: 245919

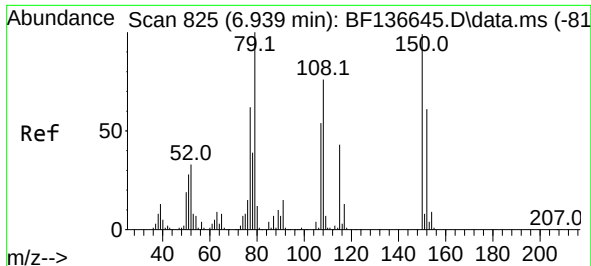
Ion Ratio Lower Upper

146 100

148 65.9 49.6 74.4

111 44.3 36.2 54.2

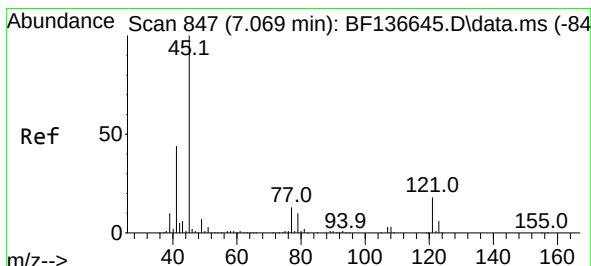
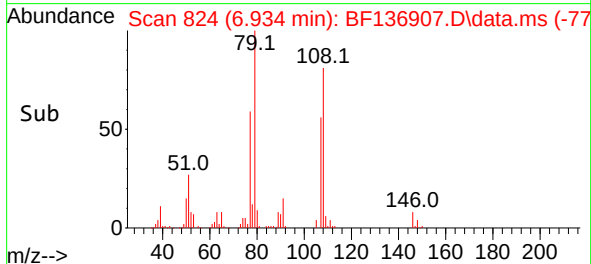
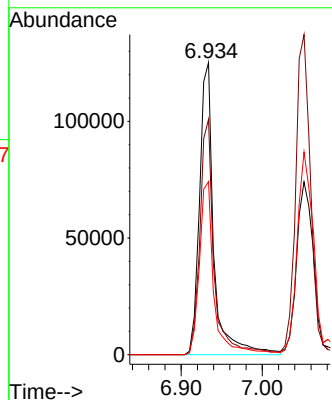
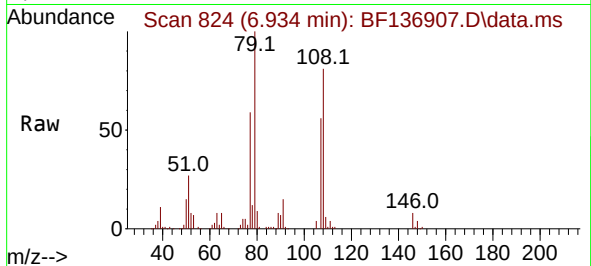




#15
Benzyl Alcohol
Concen: 30.864 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

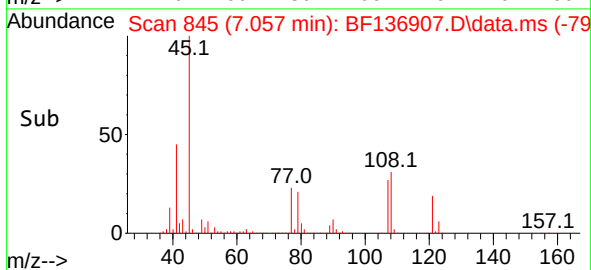
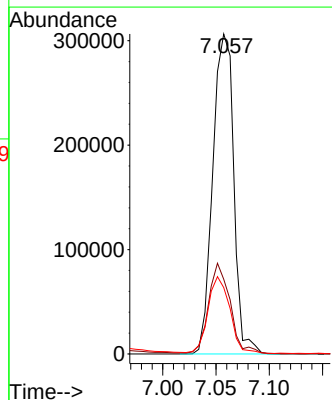
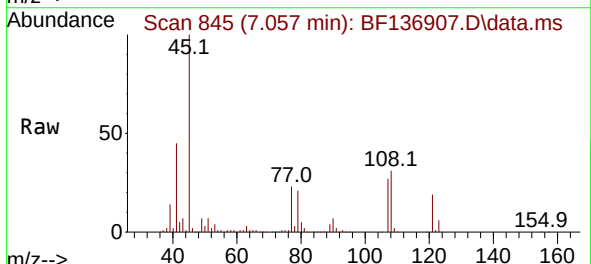
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

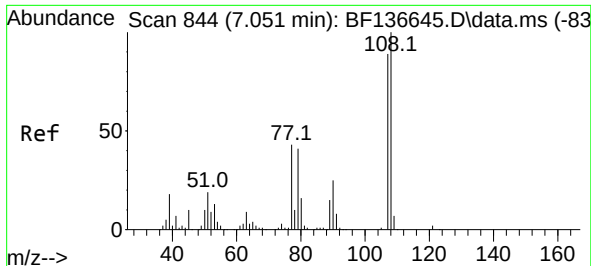
Tgt Ion: 79 Resp: 153440
Ion Ratio Lower Upper
79 100
108 80.5 61.0 91.6
77 59.2 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.733 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

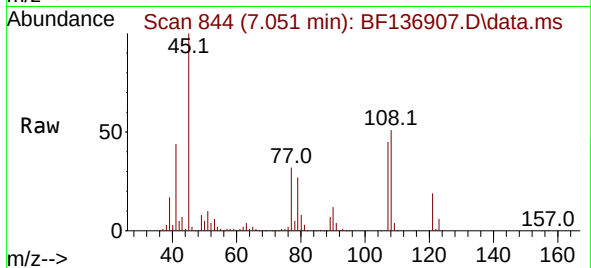
Tgt Ion: 45 Resp: 417962
Ion Ratio Lower Upper
45 100
77 23.3 0.0 34.3
79 20.8 0.0 31.4



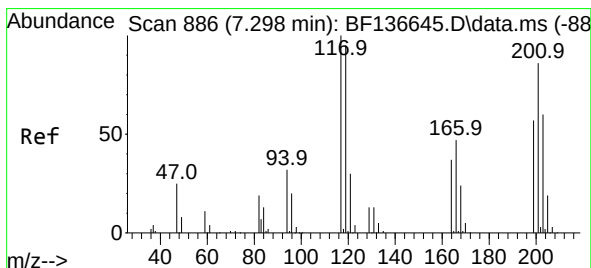
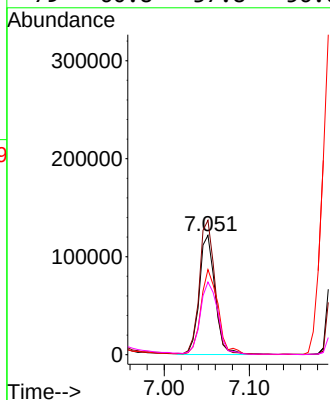
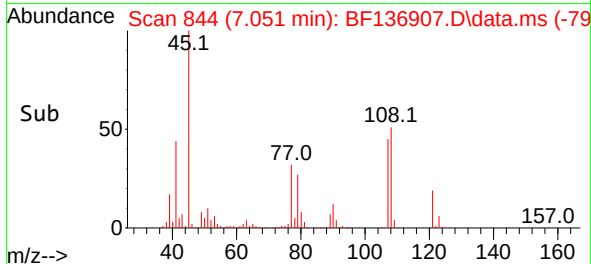


#17
2-Methylphenol
Concen: 30.335 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

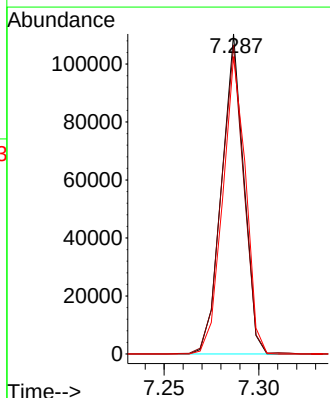
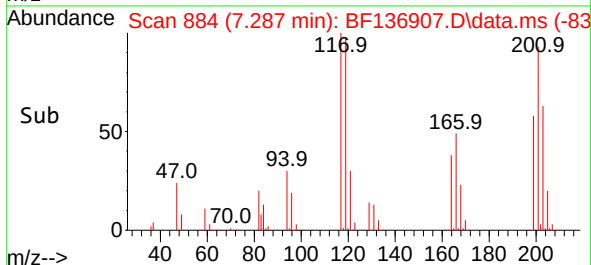
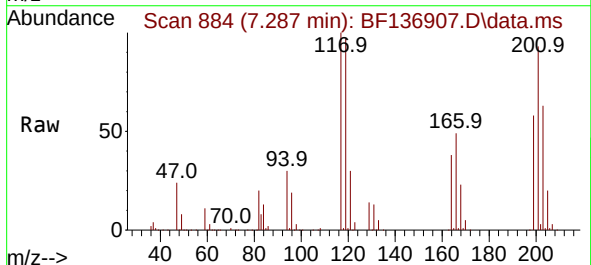


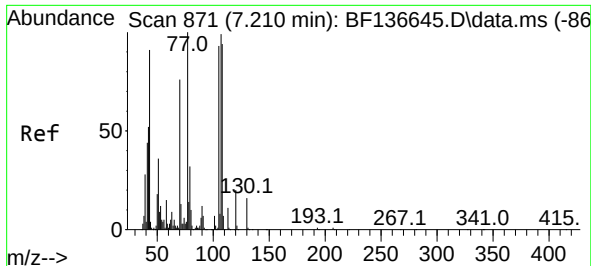
Tgt Ion:107 Resp: 156402
Ion Ratio Lower Upper
107 100
108 112.6 90.3 135.5
77 71.4 38.7 58.1#
79 60.8 37.8 56.6#



#18
Hexachloroethane
Concen: 35.535 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:117 Resp: 89525
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.6
201 92.9 69.1 103.7



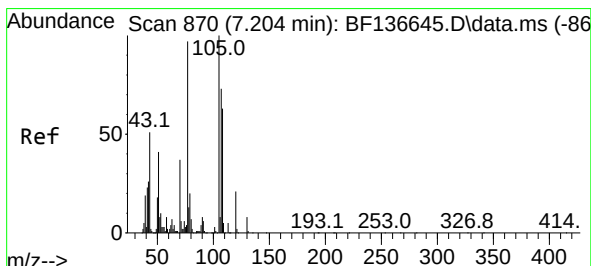
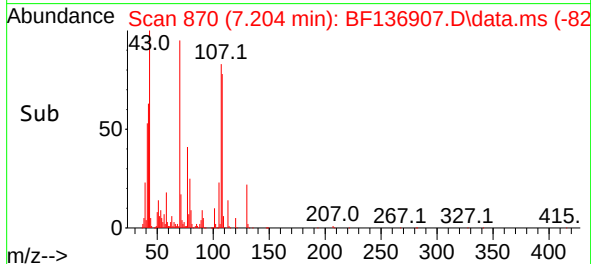
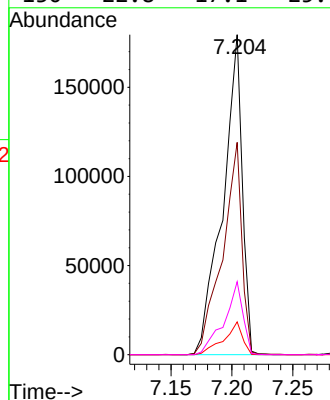
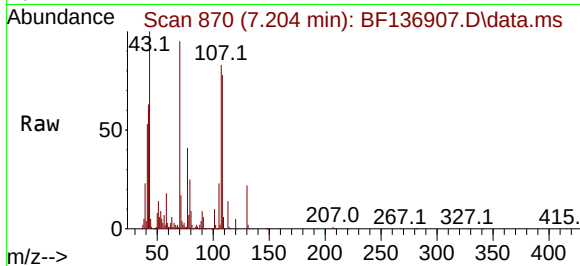


#19
n-Nitroso-di-n-propylamine
Concen: 44.796 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

Tgt Ion: 70 Resp: 200106

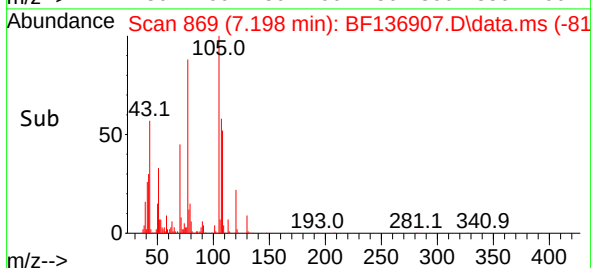
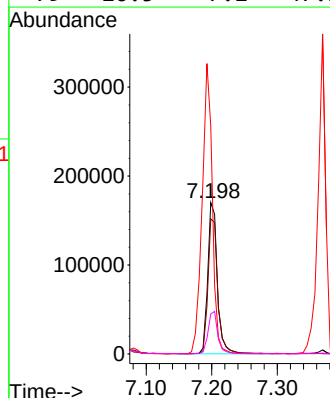
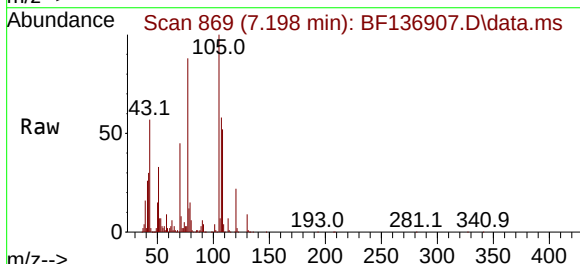
Ion	Ratio	Lower	Upper
70	100		
42	66.4	54.2	81.4
101	10.3	7.6	11.4
130	22.8	17.1	25.7

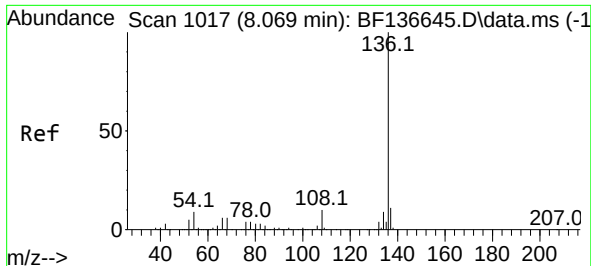


#20
3+4-Methylphenols
Concen: 26.880 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion: 107 Resp: 173140

Ion	Ratio	Lower	Upper
107	100		
108	89.2	66.0	106.0
77	150.6	114.2	154.2
79	26.5	7.2	47.2

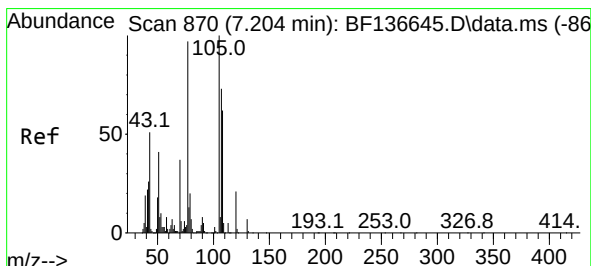
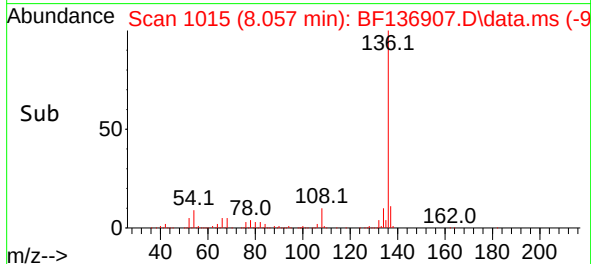
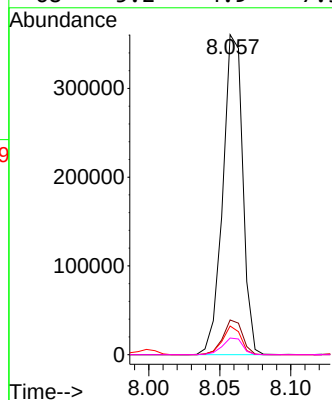
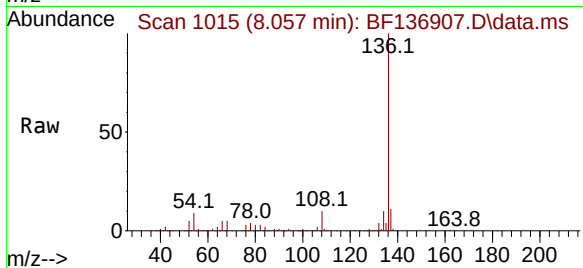




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

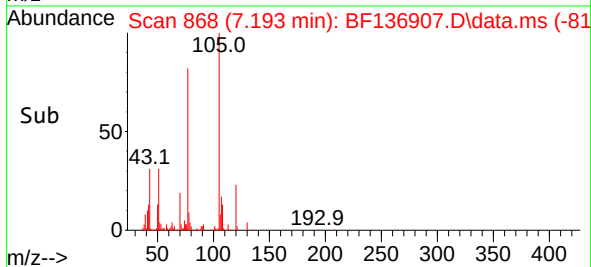
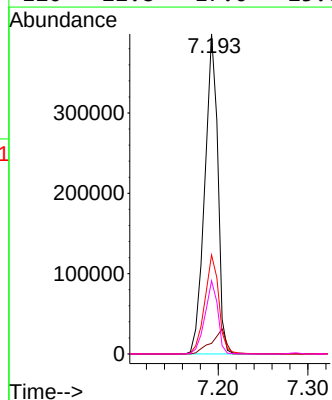
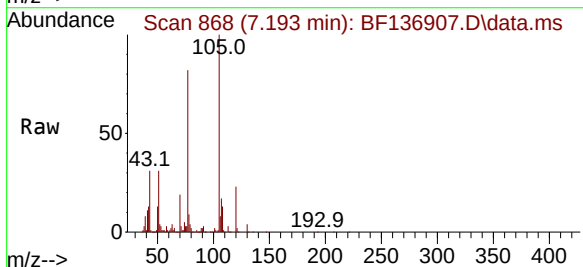
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

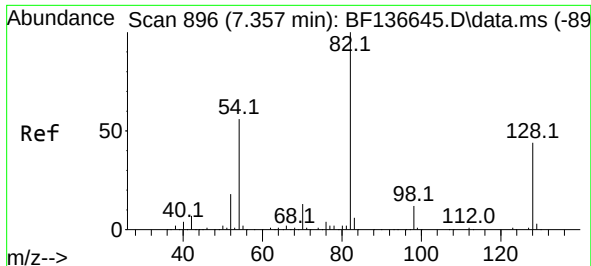
Tgt Ion:136	Resp: 351131
Ion Ratio	Lower Upper
136 100	
137 10.9	9.0 13.4
54 8.9	7.2 10.8
68 5.2	4.9 7.3



#22
Acetophenone
Concen: 45.638 ng
RT: 7.193 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt	Ion:105	Resp:	401659
Ion	Ratio	Lower	Upper
105	100		
71	3.3	4.8	7.2#
51	30.9	32.8	49.2#
120	22.8	17.0	25.6

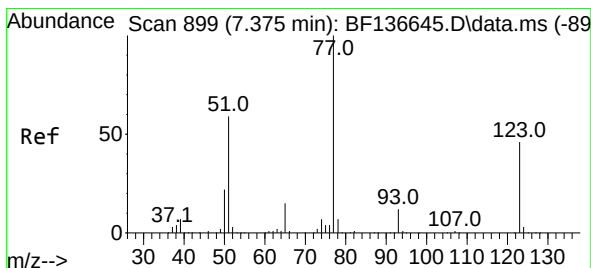
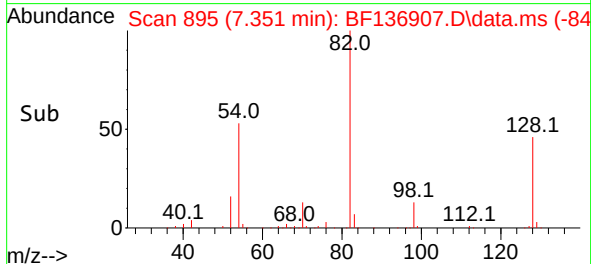
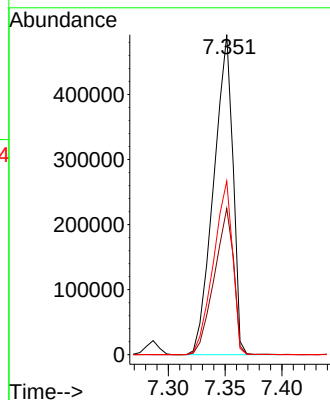
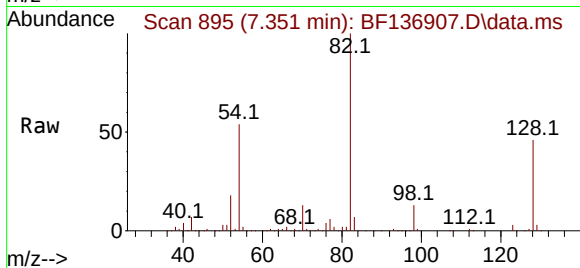




#23
Nitrobenzene-d5
Concen: 84.612 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

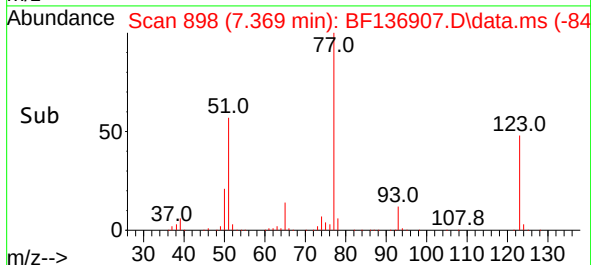
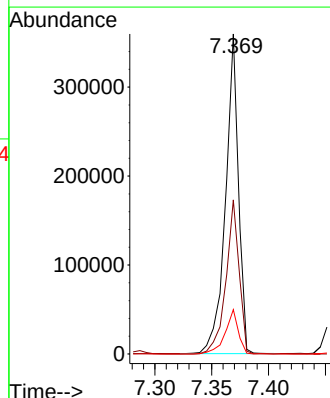
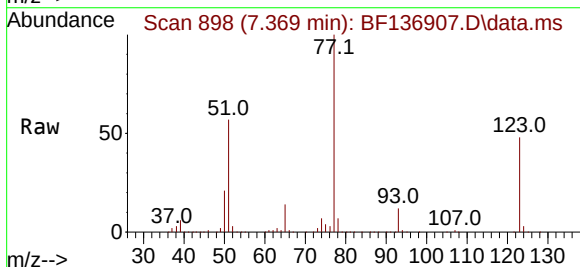
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

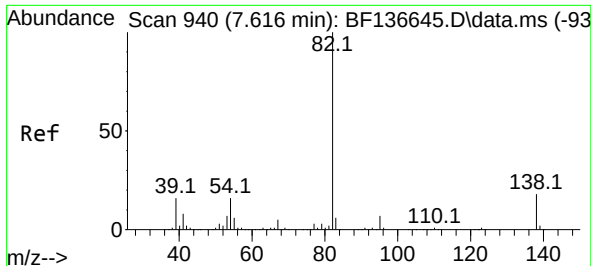
Tgt Ion: 82 Resp: 580599
Ion Ratio Lower Upper
82 100
128 45.7 35.3 52.9
54 54.2 44.5 66.7



#24
Nitrobenzene
Concen: 41.564 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion: 77 Resp: 285703
Ion Ratio Lower Upper
77 100
123 48.1 36.7 55.1
65 13.9 11.8 17.6

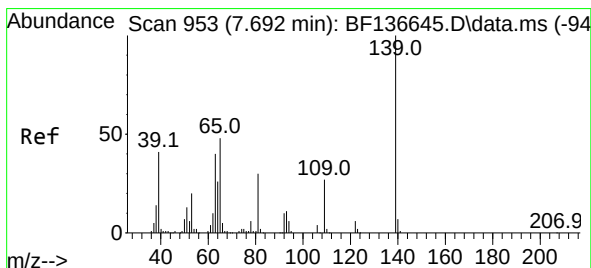
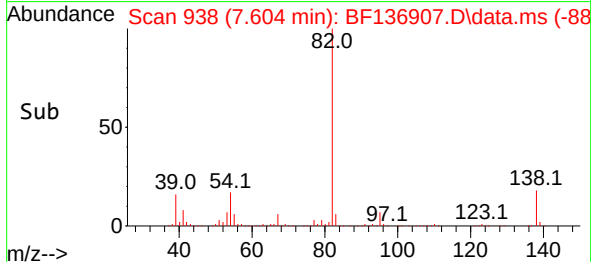
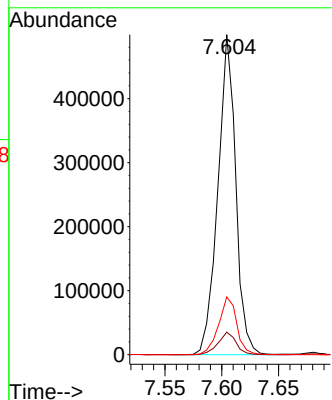
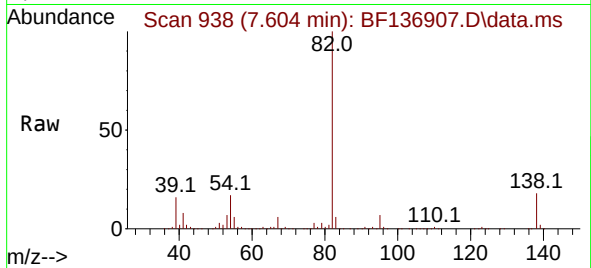




#25
Isophorone
Concen: 43.865 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

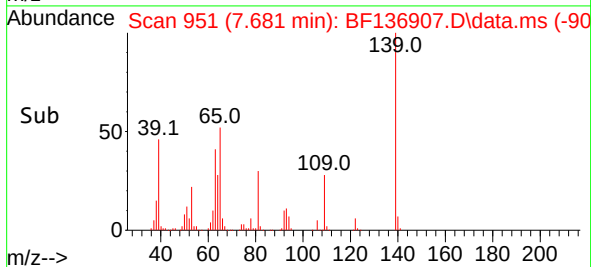
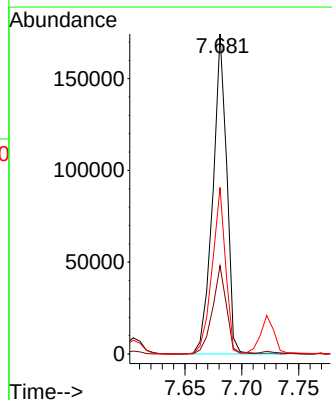
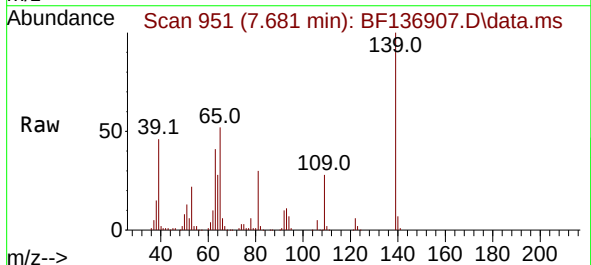
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

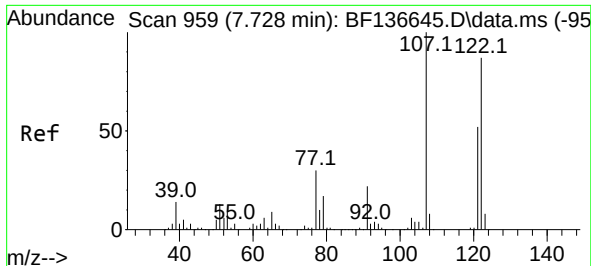
Tgt Ion: 82 Resp: 547700
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.0 14.5 21.7



#26
2-Nitrophenol
Concen: 45.102 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.011 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion: 139 Resp: 148329
Ion Ratio Lower Upper
139 100
109 27.5 21.9 32.9
65 52.1 38.6 58.0

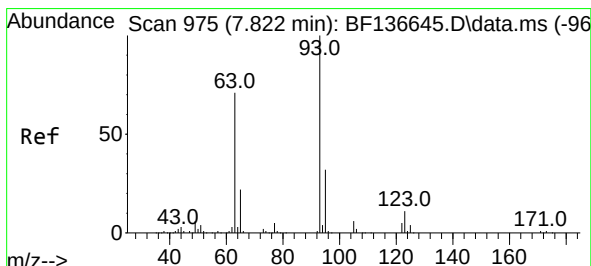
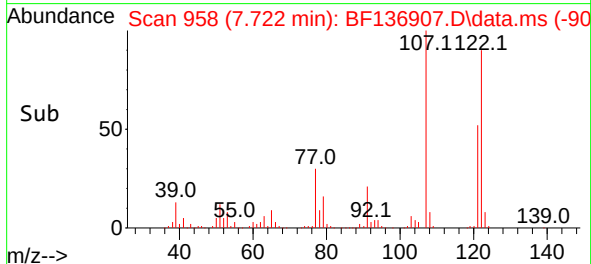
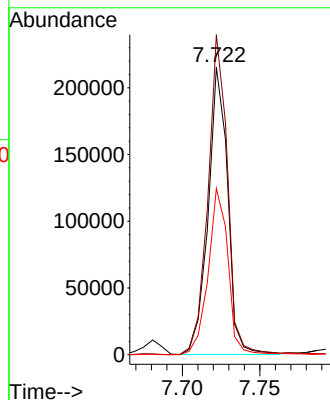
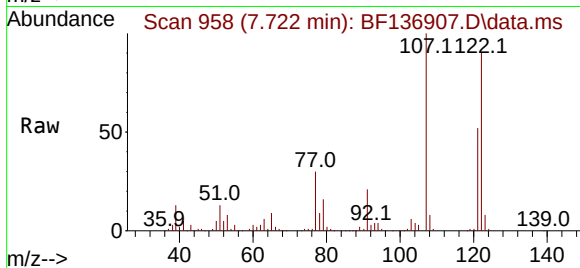




#27
2,4-Dimethylphenol
Concen: 47.120 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

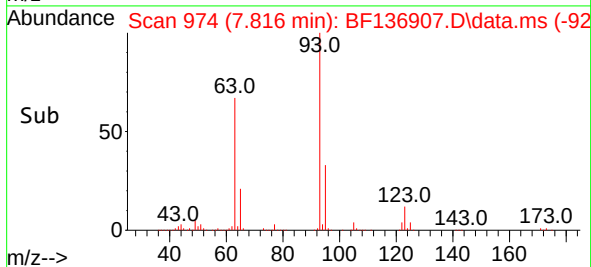
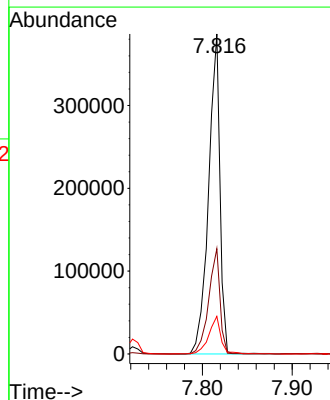
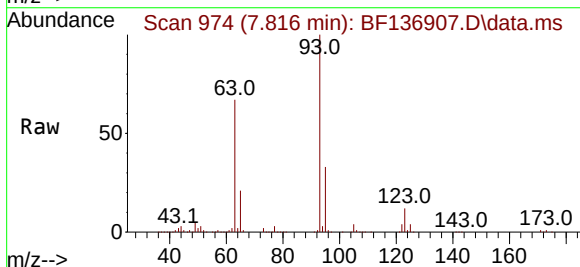
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

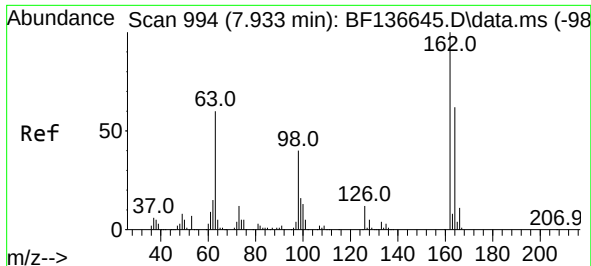
Tgt Ion:122 Resp: 188663
Ion Ratio Lower Upper
122 100
107 111.3 92.0 138.0
121 57.8 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 44.811 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion: 93 Resp: 340099
Ion Ratio Lower Upper
93 100
95 32.9 25.5 38.3
123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 42.204 ng

RT: 7.928 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

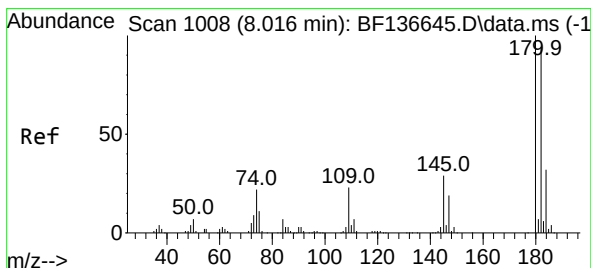
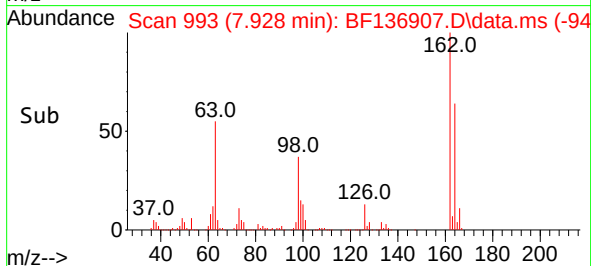
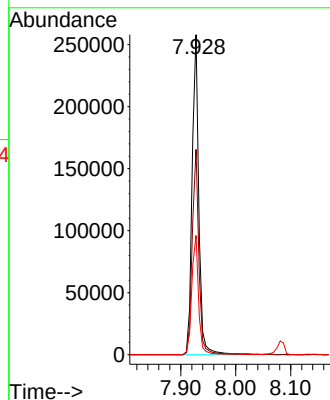
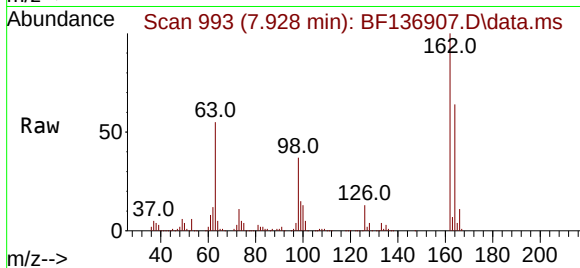
Tgt Ion:162 Resp: 217547

Ion Ratio Lower Upper

162 100

164 64.1 41.7 81.7

98 37.2 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 38.758 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

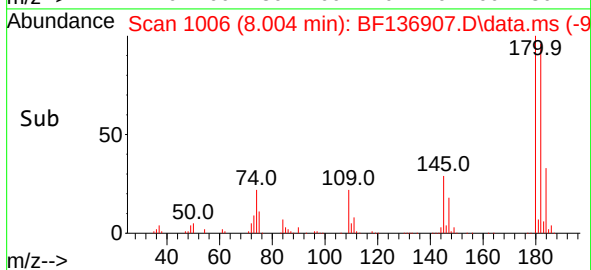
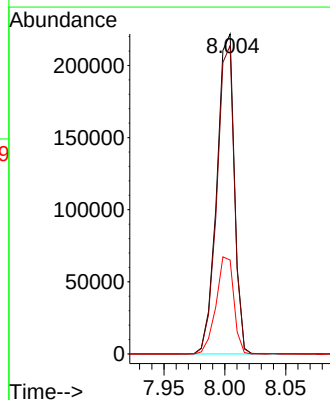
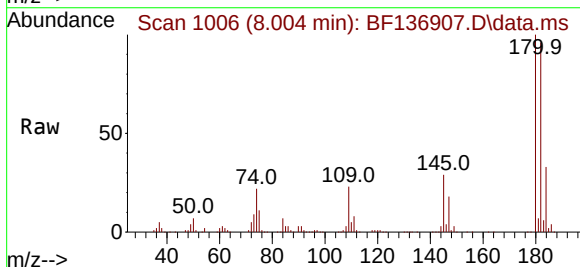
Tgt Ion:180 Resp: 222597

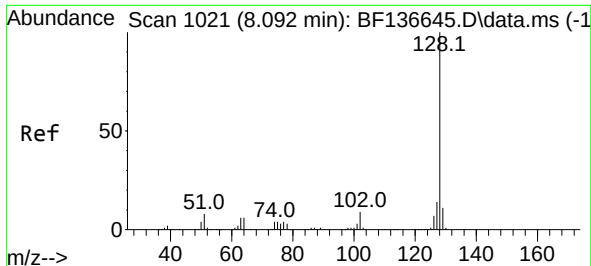
Ion Ratio Lower Upper

180 100

182 96.3 75.4 113.0

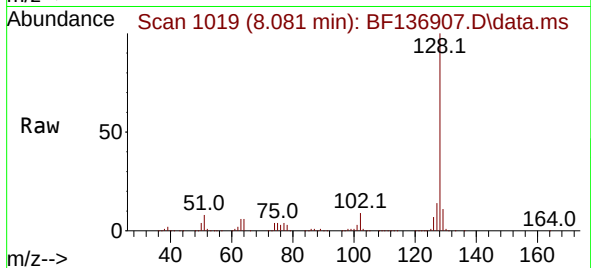
145 29.4 23.1 34.7



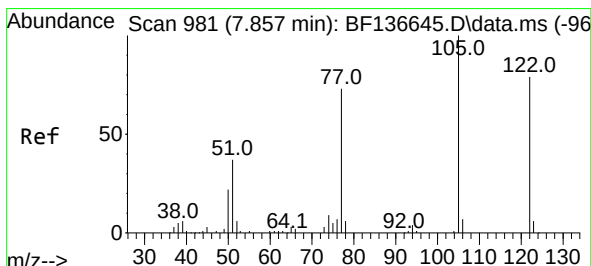
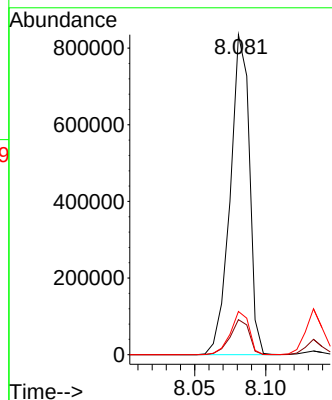
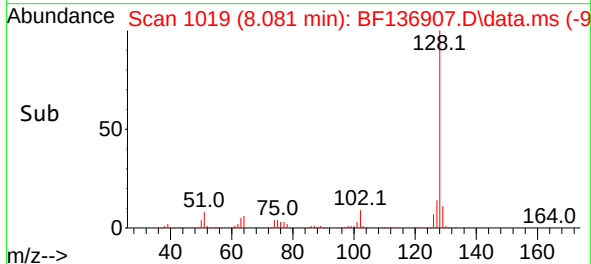


#31
Naphthalene
Concen: 40.678 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

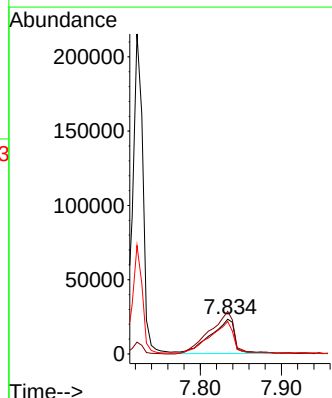
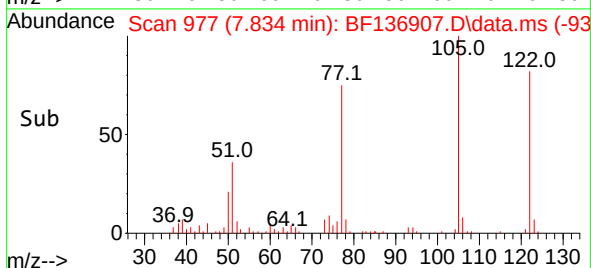
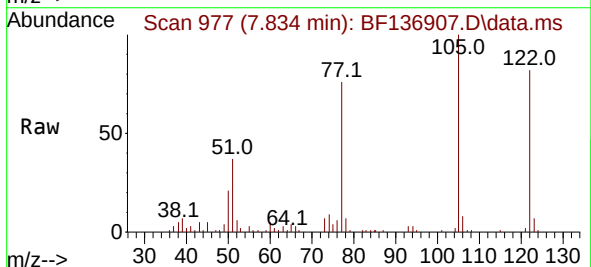


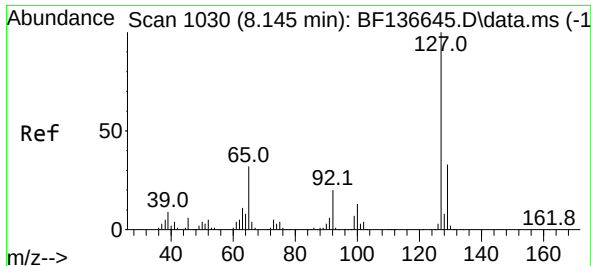
Tgt Ion:128 Resp: 784688
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 12.533 ng
RT: 7.834 min Scan# 977
Delta R.T. -0.023 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:122 Resp: 48552
Ion Ratio Lower Upper
122 100
105 122.4 100.8 140.8
77 93.5 70.9 110.9

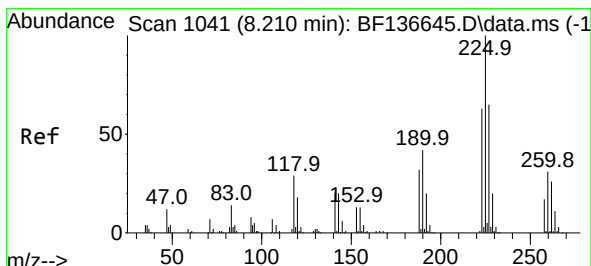
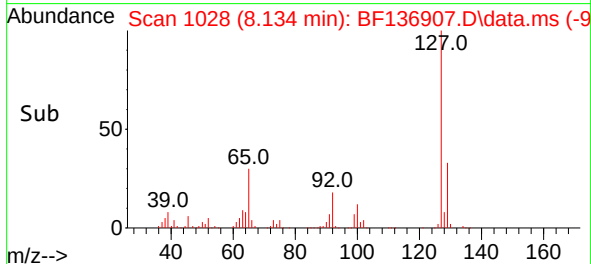
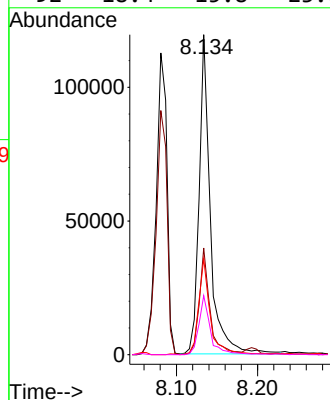
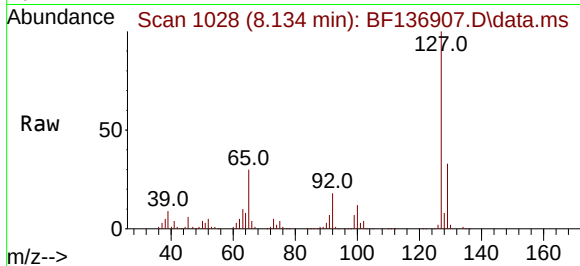




#33
4-Chloroaniline
Concen: 16.227 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

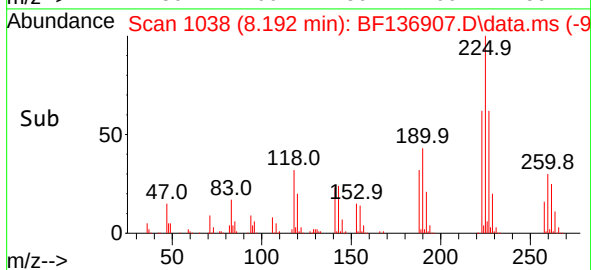
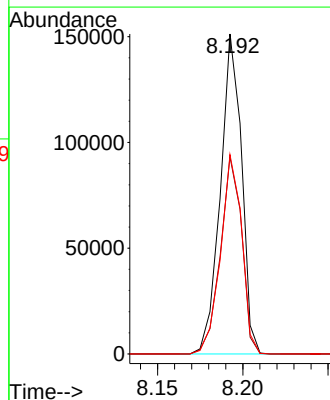
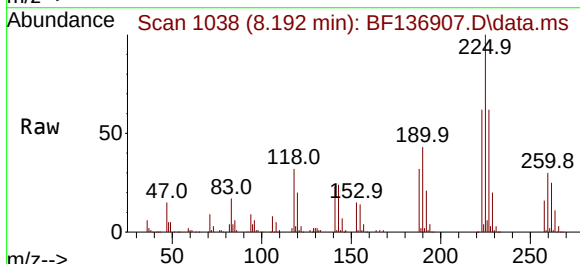
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

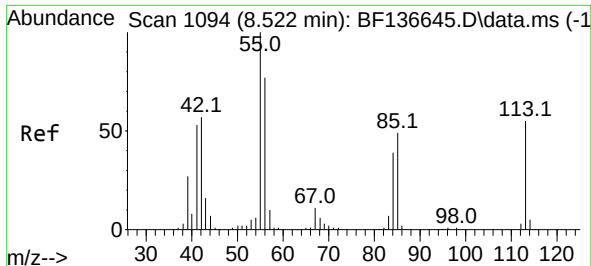
Tgt Ion:	127	Resp:	115576
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.3	39.5
65	30.0	25.8	38.8
92	18.4	15.8	23.6



#34
Hexachlorobutadiene
Concen: 37.435 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.017 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:	225	Resp:	130623
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.6	76.0
227	62.3	51.9	77.9

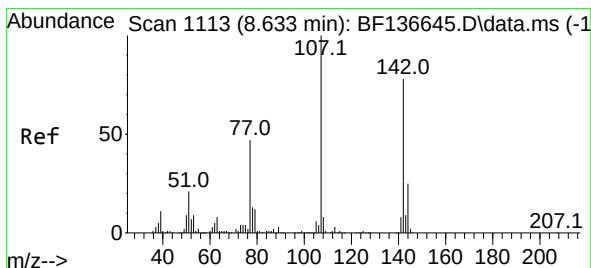
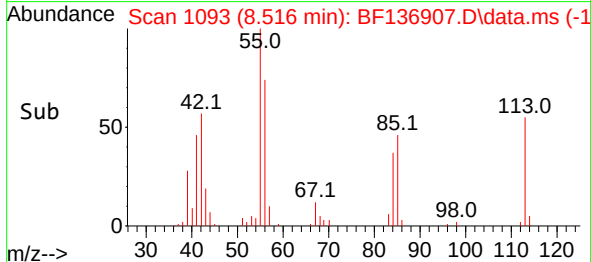
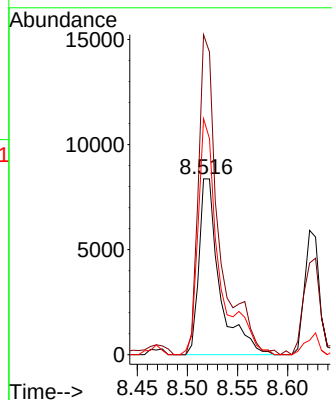
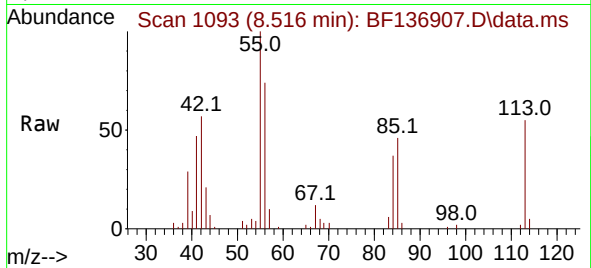




#35
 Caprolactam
 Concen: 7.091 ng
 RT: 8.516 min Scan# 1093
 Delta R.T. -0.006 min
 Lab File: BF136907.D
 Acq: 03 Jan 2024 14:52

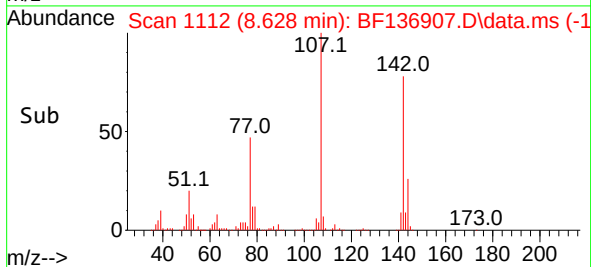
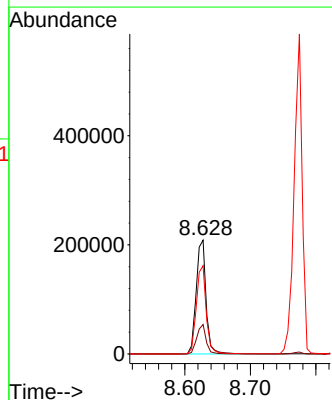
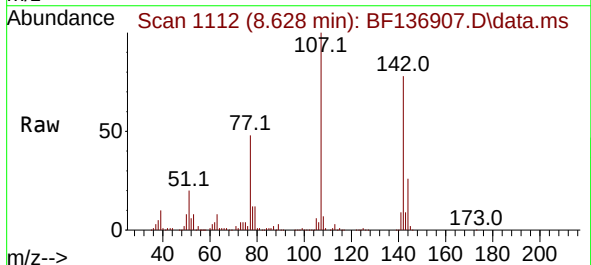
Instrument :
 BNA_F
 ClientSampleId :
 MW-7-122023MSD

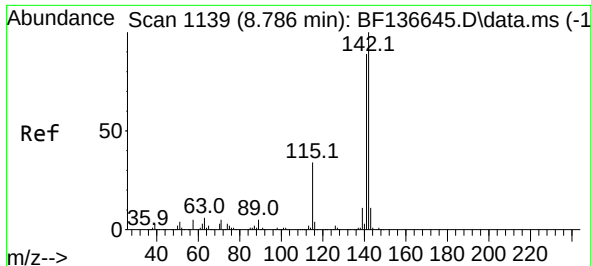
Tgt Ion:113 Resp: 12058
 Ion Ratio Lower Upper
 113 100
 55 181.9 163.1 203.1
 56 134.2 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 37.849 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF136907.D
 Acq: 03 Jan 2024 14:52

Tgt Ion:107 Resp: 219634
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.2 30.2
 142 77.6 62.3 93.5





#37

2-Methylnaphthalene

Concen: 40.605 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

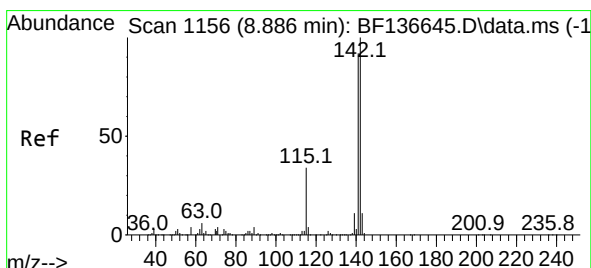
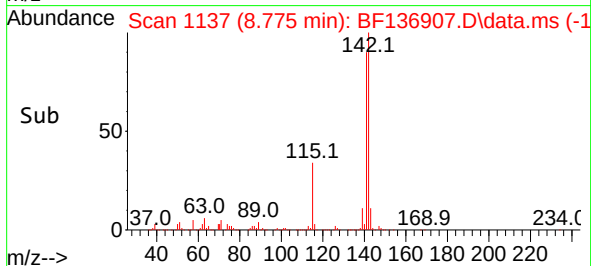
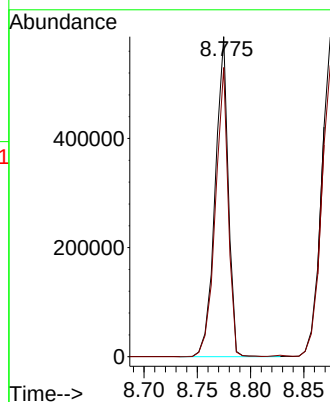
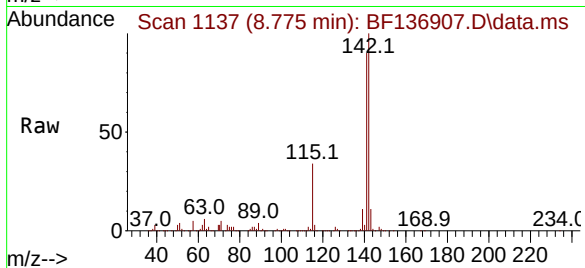
MW-7-122023MSD

Tgt Ion:142 Resp: 504094

Ion Ratio Lower Upper

142 100

141 90.3 71.1 106.7



#38

1-Methylnaphthalene

Concen: 40.642 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136907.D

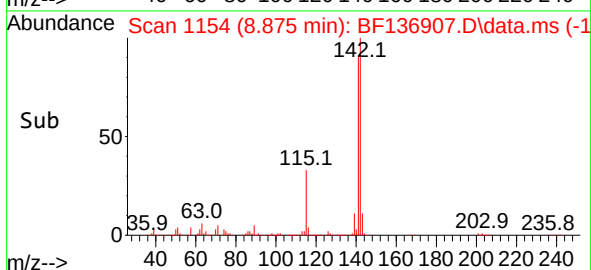
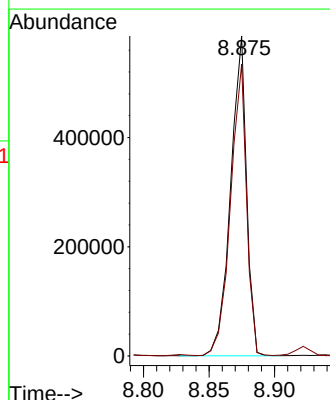
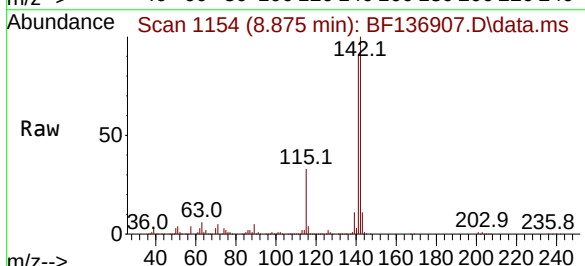
Acq: 03 Jan 2024 14:52

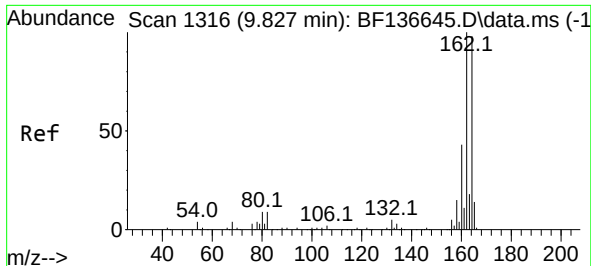
Tgt Ion:142 Resp: 495010

Ion Ratio Lower Upper

142 100

141 91.1 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

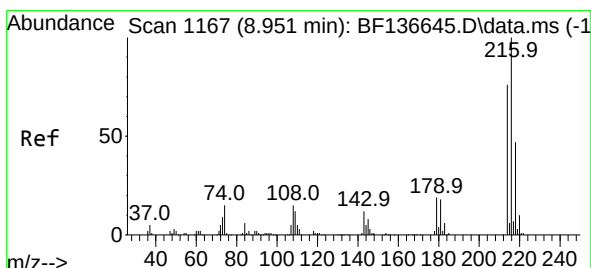
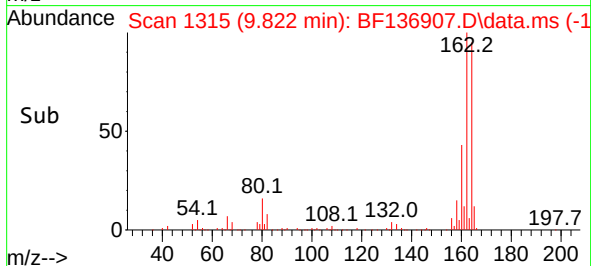
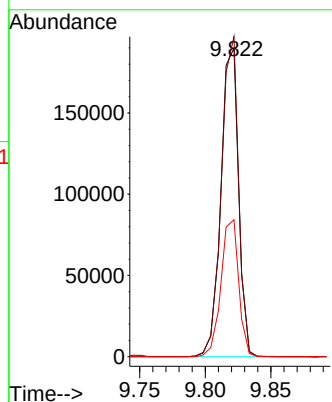
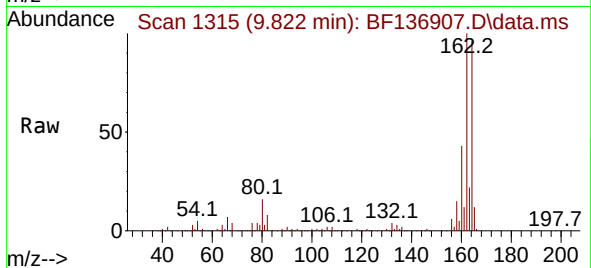
Tgt Ion:164 Resp: 177609

Ion Ratio Lower Upper

164 100

162 103.7 81.6 122.4

160 44.4 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.410 ng

RT: 8.940 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Tgt Ion:216 Resp: 249773

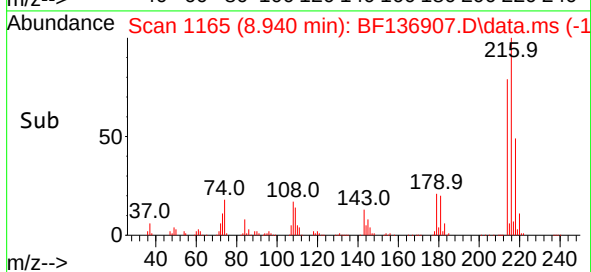
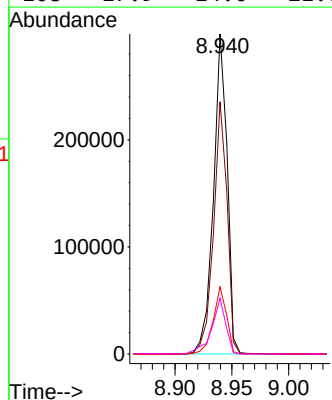
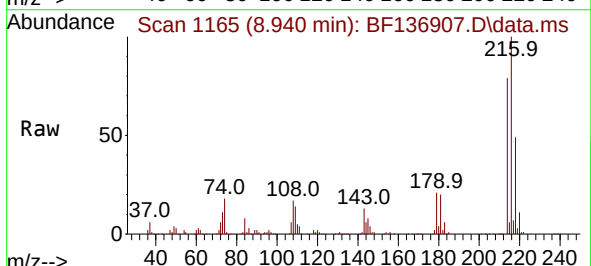
Ion Ratio Lower Upper

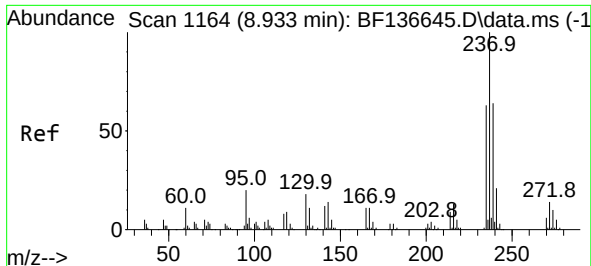
216 100

214 77.9 62.3 93.5

179 20.5 16.4 24.6

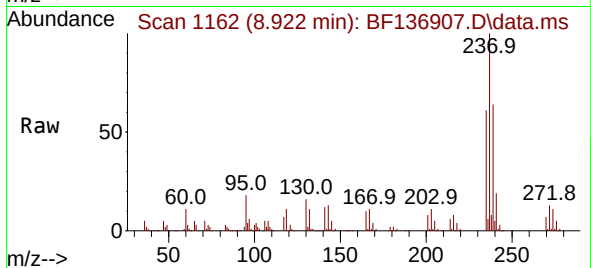
108 17.9 14.0 21.0



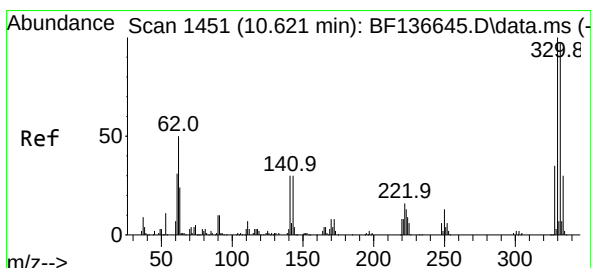
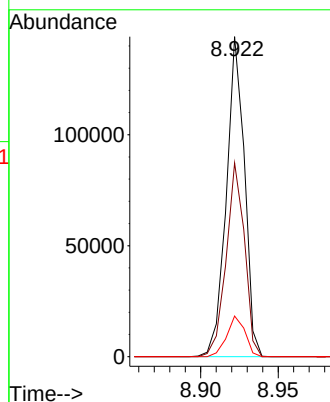
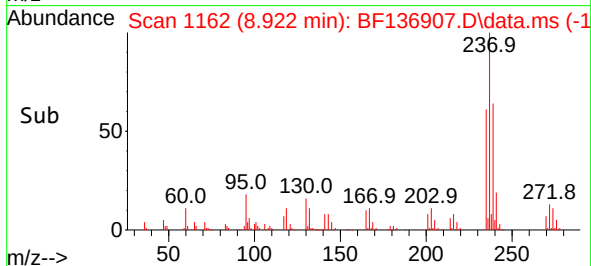


#41
Hexachlorocyclopentadiene
Concen: 67.702 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

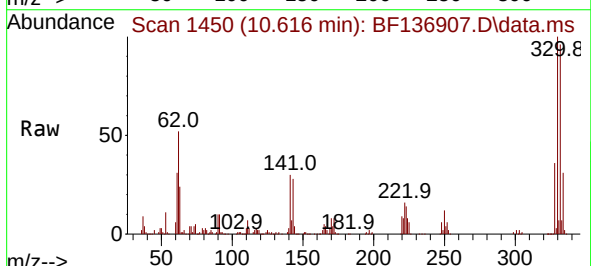
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD



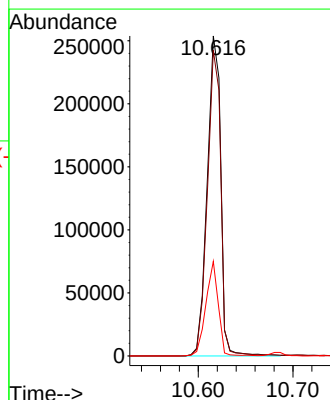
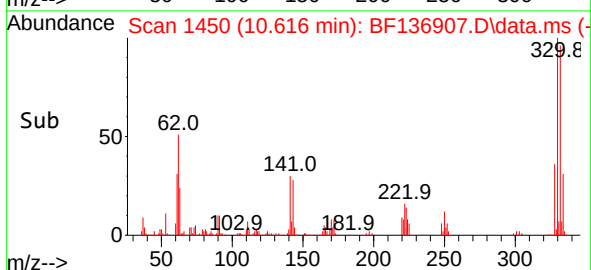
Tgt Ion:237 Resp: 117329
Ion Ratio Lower Upper
237 100
235 60.6 43.2 83.2
272 12.7 0.0 34.2

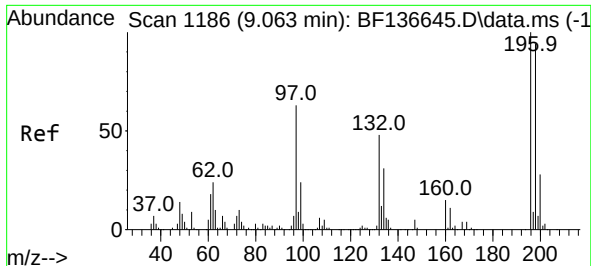


#42
2,4,6-Tribromophenol
Concen: 120.176 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52



Tgt Ion:330 Resp: 251377
Ion Ratio Lower Upper
330 100
332 94.9 77.4 116.0
141 27.3 23.4 35.2

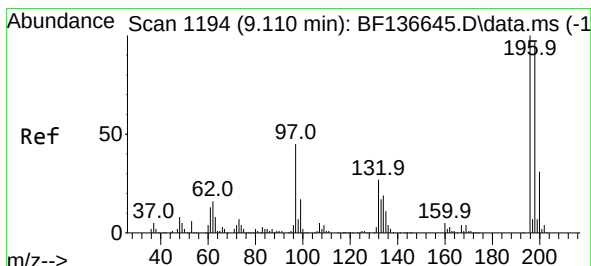
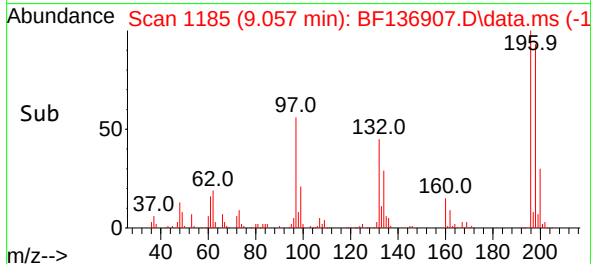
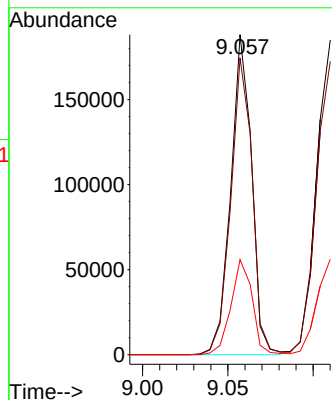
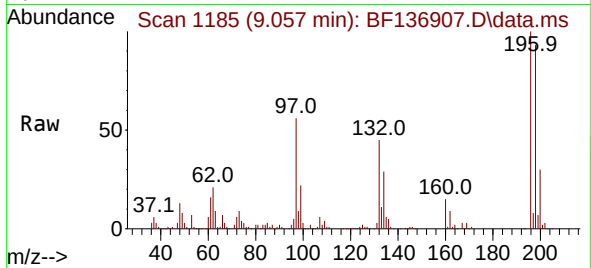




#43
2,4,6-Trichlorophenol
Concen: 45.379 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

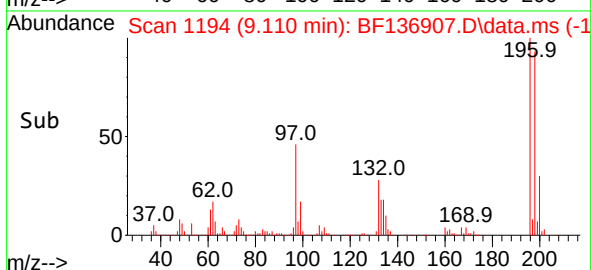
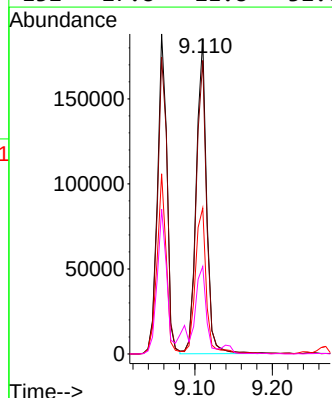
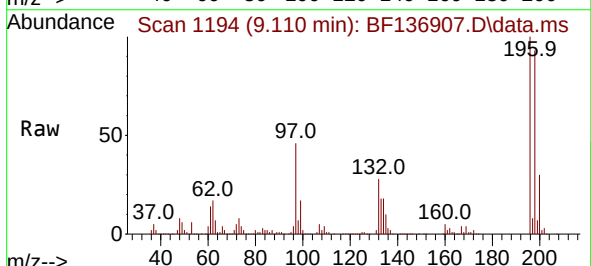
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

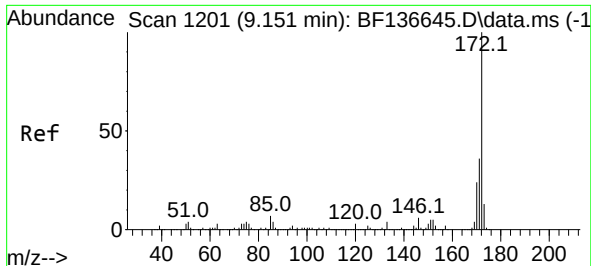
Tgt Ion:196 Resp: 160076
Ion Ratio Lower Upper
196 100
198 92.8 75.1 112.7
200 29.7 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 43.755 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:196 Resp: 171998
Ion Ratio Lower Upper
196 100
198 93.2 77.0 115.6
97 46.4 36.1 54.1
132 27.8 21.8 32.6

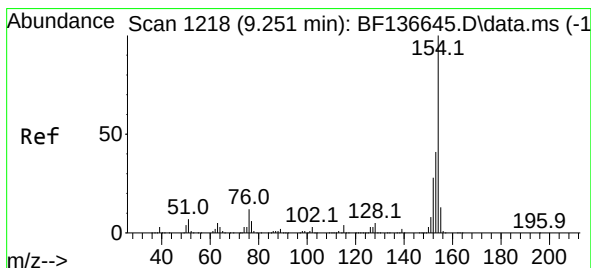
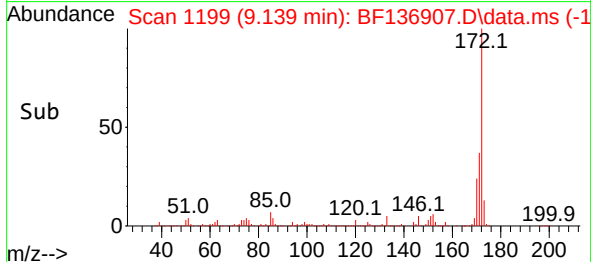
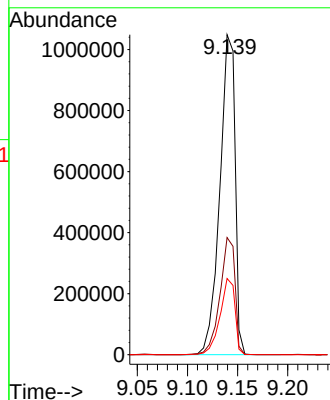
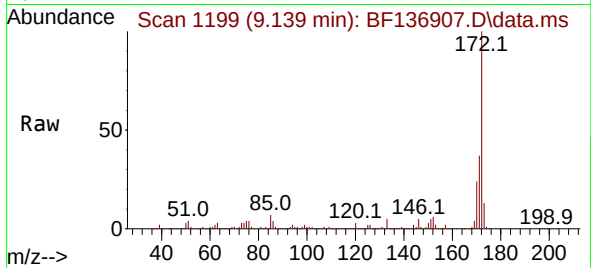




#45
2-Fluorobiphenyl
Concen: 83.922 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

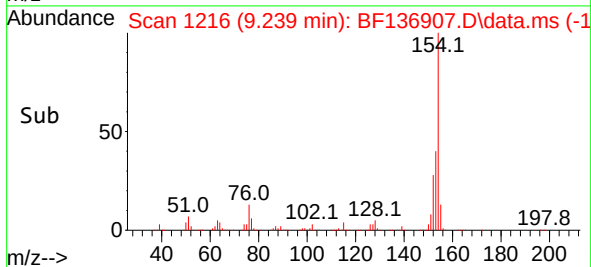
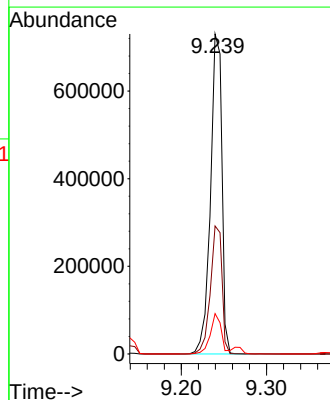
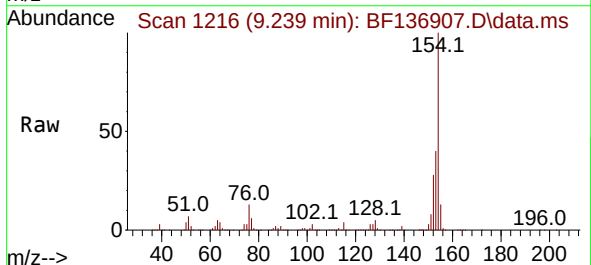
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

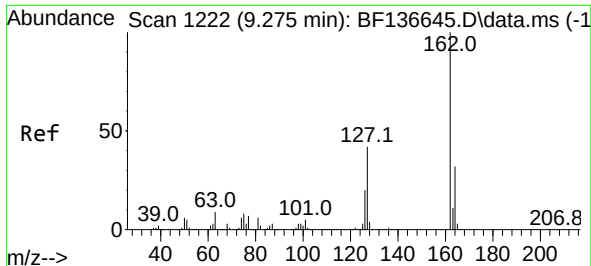
Tgt Ion:172 Resp: 1108218
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.6
170 23.8 19.0 28.4



#46
1,1'-Biphenyl
Concen: 45.647 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:154 Resp: 680325
Ion Ratio Lower Upper
154 100
153 40.0 21.1 61.1
76 12.6 0.0 31.7

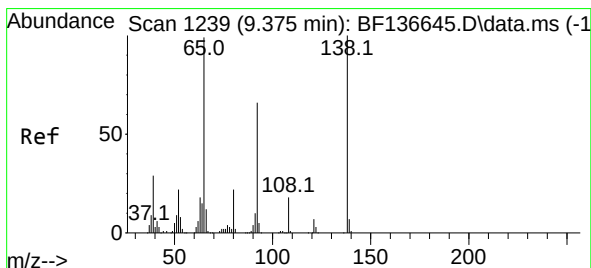
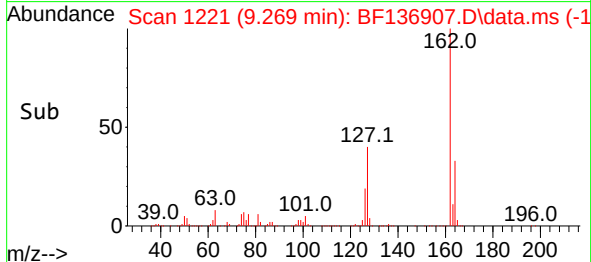
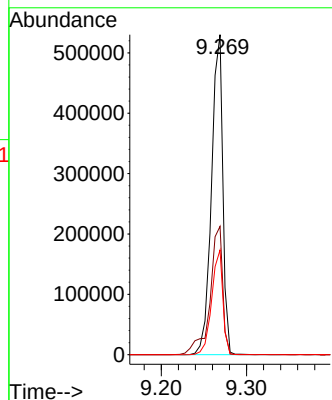
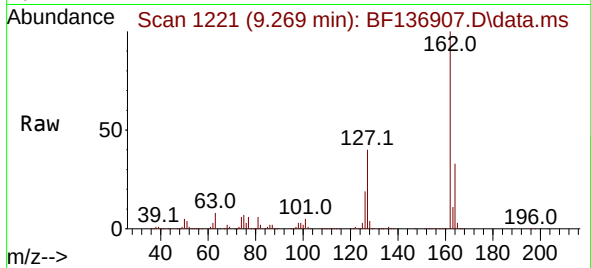




#47
2-Chloronaphthalene
Concen: 43.171 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

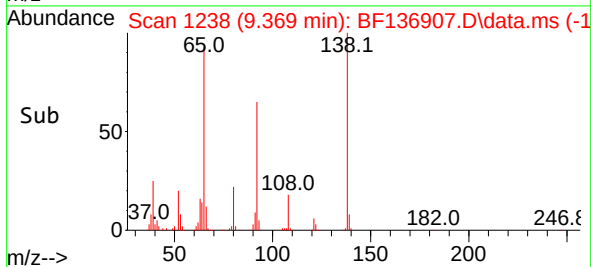
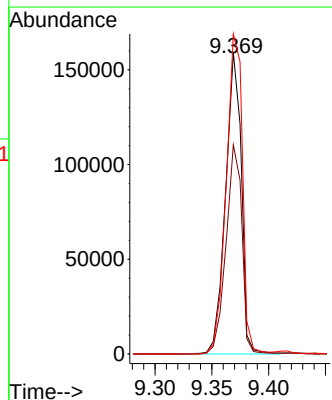
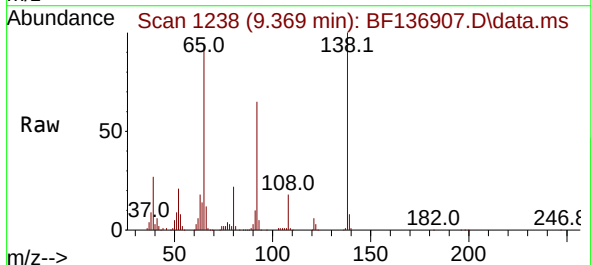
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

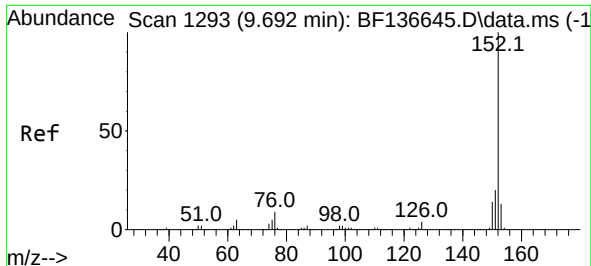
Tgt Ion:162 Resp: 489146
Ion Ratio Lower Upper
162 100
127 40.1 33.6 50.4
164 32.7 25.7 38.5



#48
2-Nitroaniline
Concen: 43.318 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

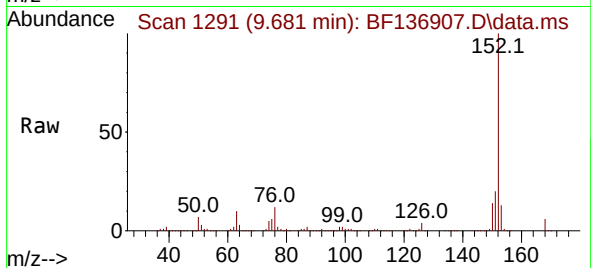
Tgt Ion: 65 Resp: 153697
Ion Ratio Lower Upper
65 100
92 69.4 53.2 79.8
138 106.2 81.1 121.7



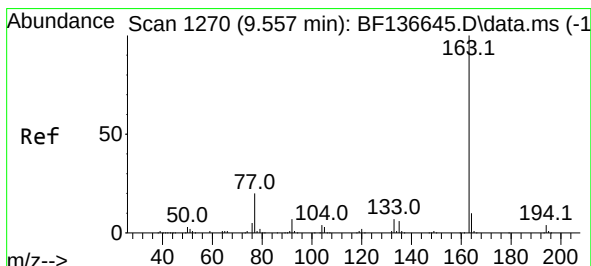
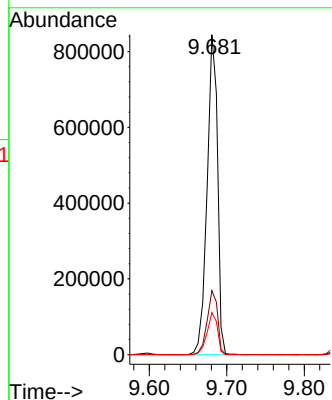
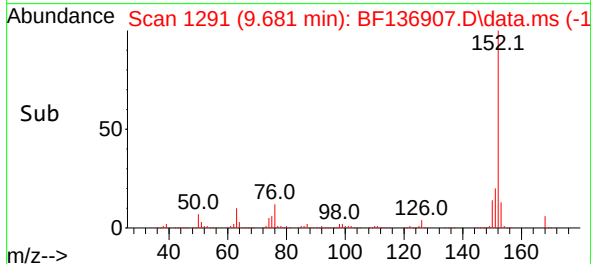


#49
Acenaphthylene
Concen: 45.583 ng
RT: 9.681 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

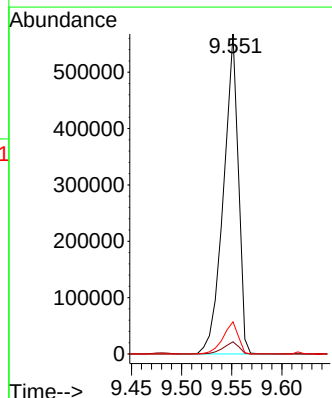
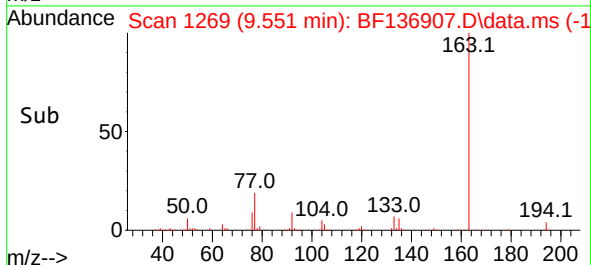
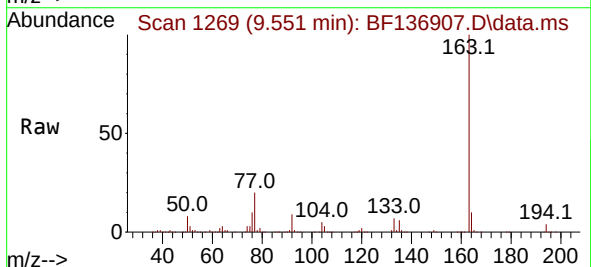


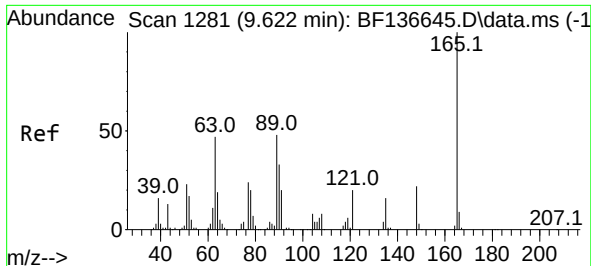
Tgt Ion:152 Resp: 789426
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.2 10.2 15.2



#50
Dimethylphthalate
Concen: 45.132 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:163 Resp: 585502
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.1 7.8 11.6

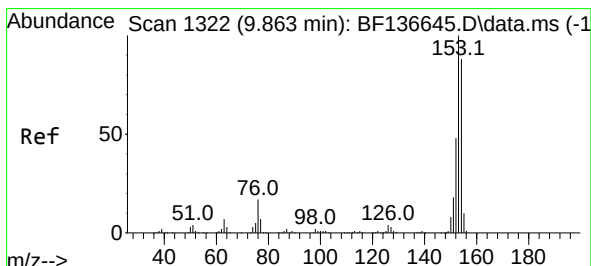
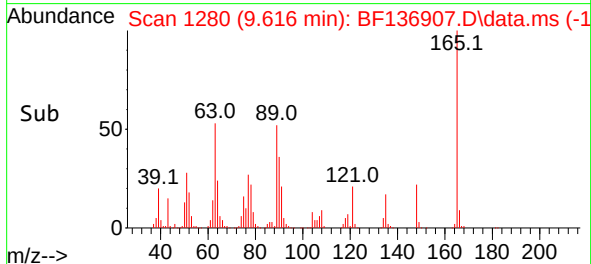
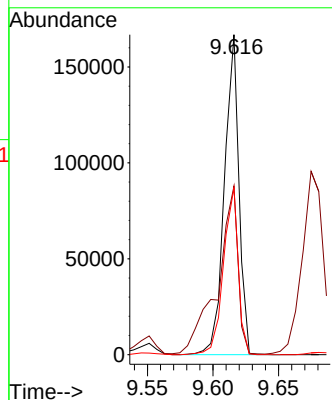
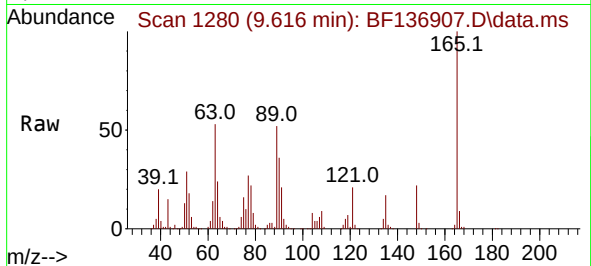




#51
2,6-Dinitrotoluene
Concen: 43.400 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

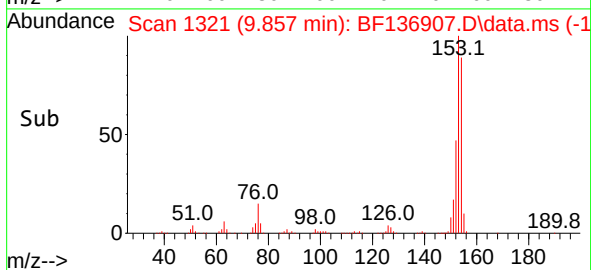
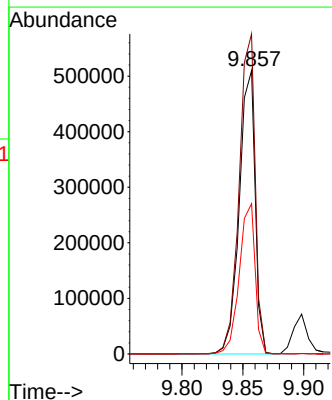
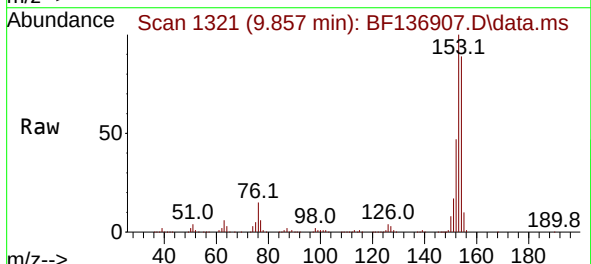
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

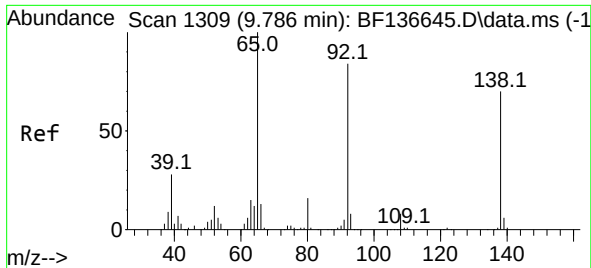
Tgt Ion:165 Resp: 127779
Ion Ratio Lower Upper
165 100
63 52.7 39.8 59.6
89 52.1 38.8 58.2



#52
Acenaphthene
Concen: 43.264 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:154 Resp: 464452
Ion Ratio Lower Upper
154 100
153 113.0 90.7 136.1
152 53.0 43.7 65.5

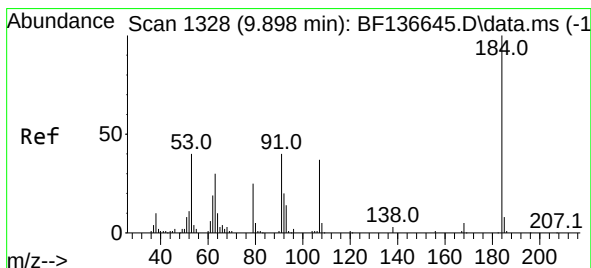
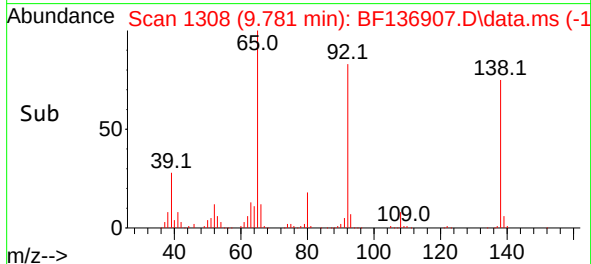
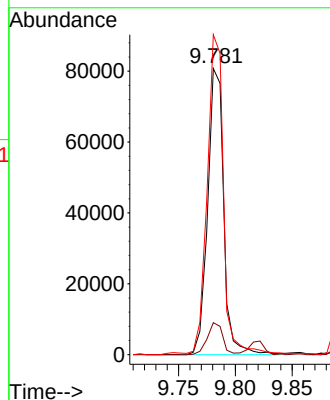
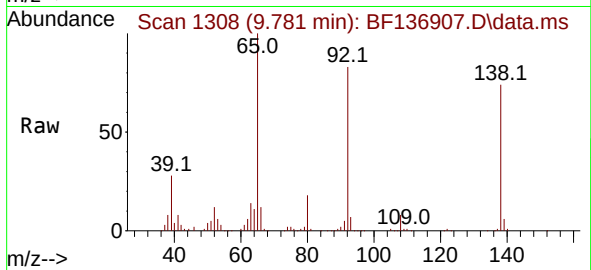




#53
3-Nitroaniline
Concen: 25.335 ng
RT: 9.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

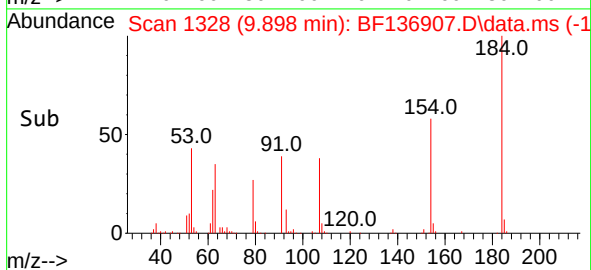
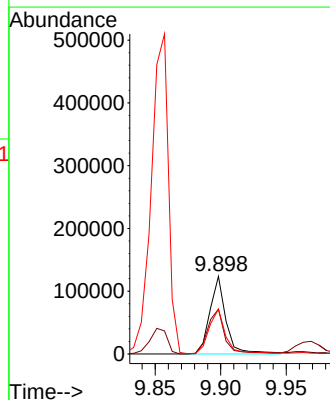
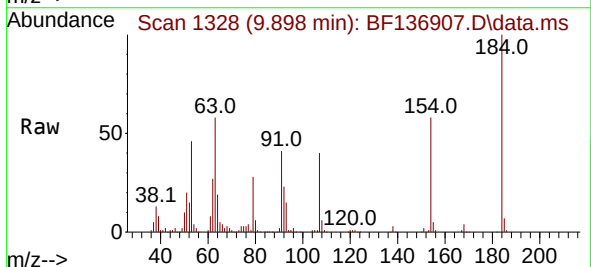
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

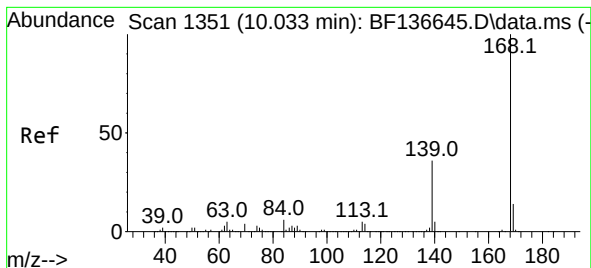
Tgt Ion:138 Resp: 79018
Ion Ratio Lower Upper
138 100
108 11.2 8.6 12.8
92 111.8 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 65.676 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:184 Resp: 106022
Ion Ratio Lower Upper
184 100
63 57.8 40.9 61.3
154 57.9 42.7 64.1





#55

Dibenzofuran

Concen: 43.038 ng

RT: 10.028 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

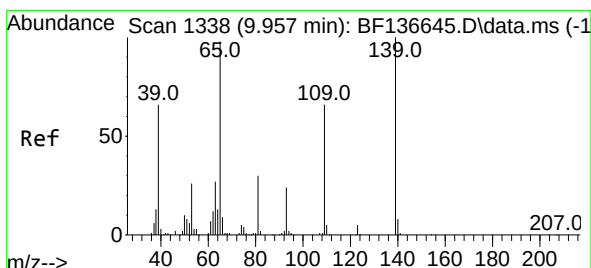
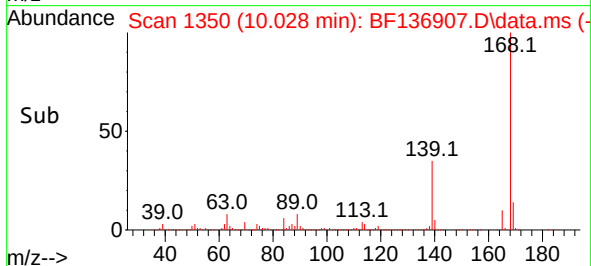
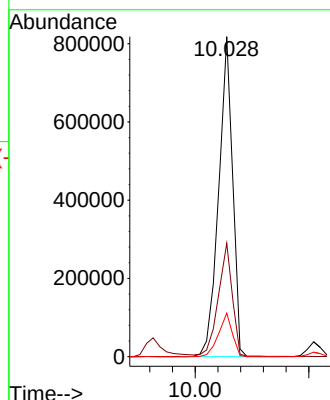
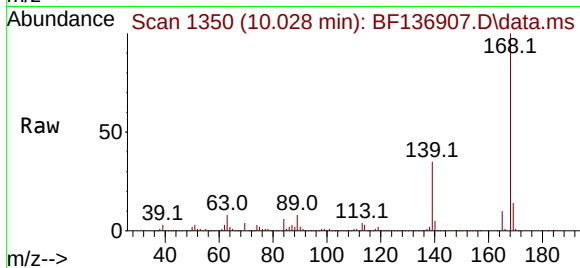
Tgt Ion:168 Resp: 700362

Ion Ratio Lower Upper

168 100

139 35.4 29.3 43.9

169 13.6 11.0 16.4



#56

4-Nitrophenol

Concen: 25.162 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.006 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

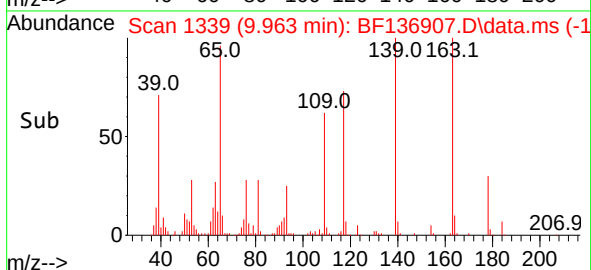
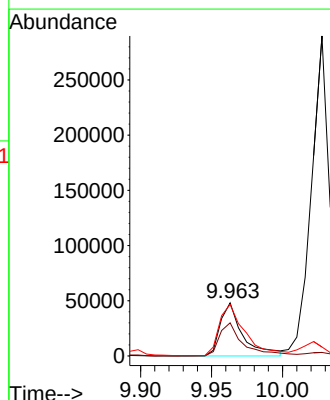
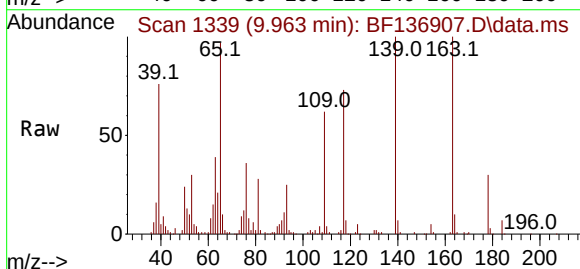
Tgt Ion:139 Resp: 52977

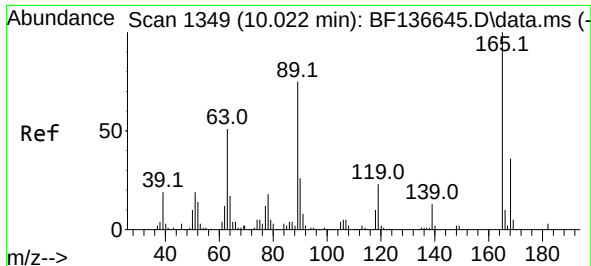
Ion Ratio Lower Upper

139 100

109 62.4 45.8 85.8

65 96.8 77.8 117.8

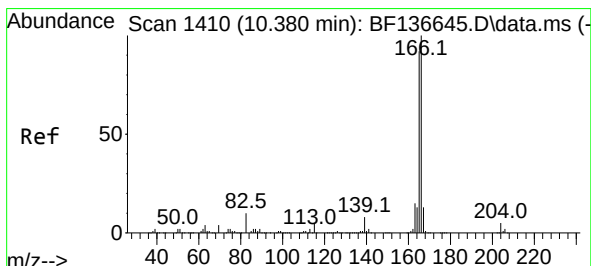
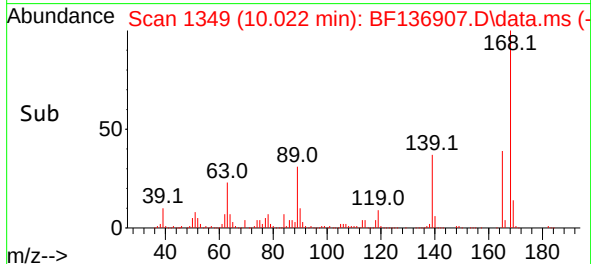
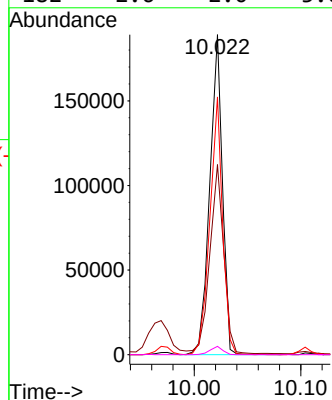
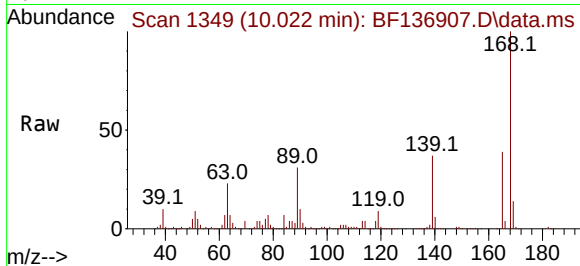




#57
2,4-Dinitrotoluene
Concen: 40.961 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

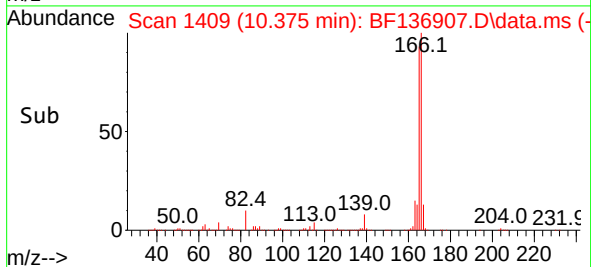
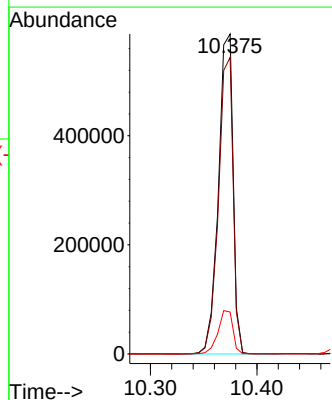
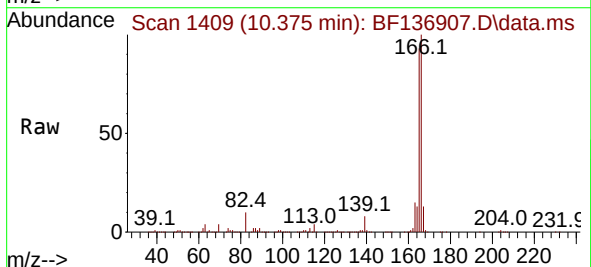
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

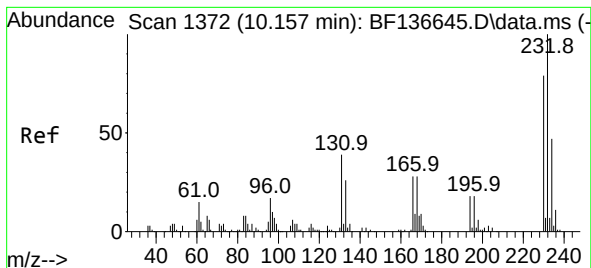
Tgt Ion:165 Resp: 156561
Ion Ratio Lower Upper
165 100
63 59.4 41.0 61.6
89 80.6 59.9 89.9
182 2.6 2.0 3.0



#58
Fluorene
Concen: 43.325 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:166 Resp: 559418
Ion Ratio Lower Upper
166 100
165 92.7 73.7 110.5
167 13.1 10.4 15.6

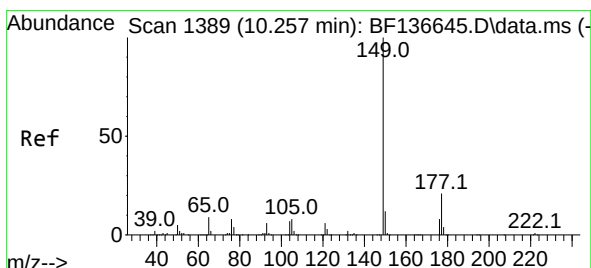
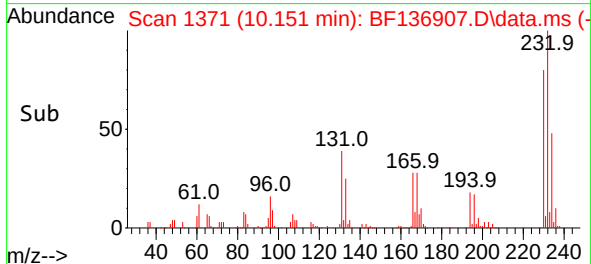
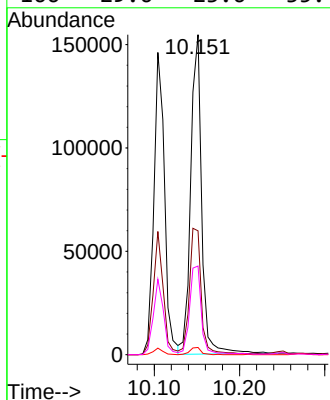
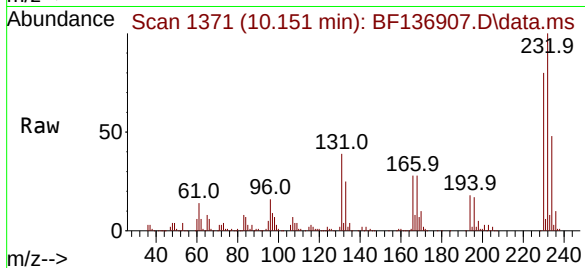




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.579 ng
RT: 10.151 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

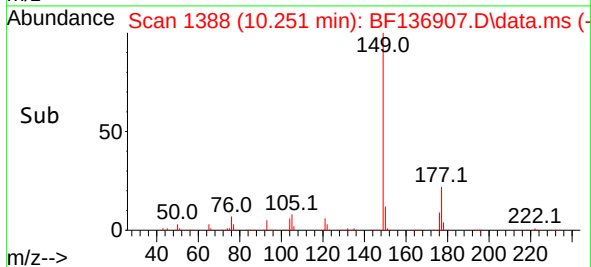
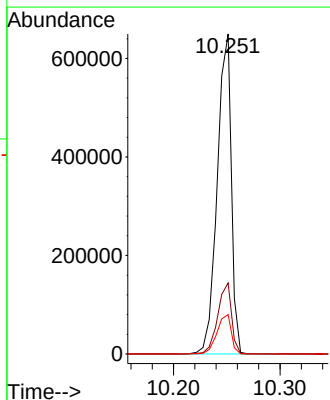
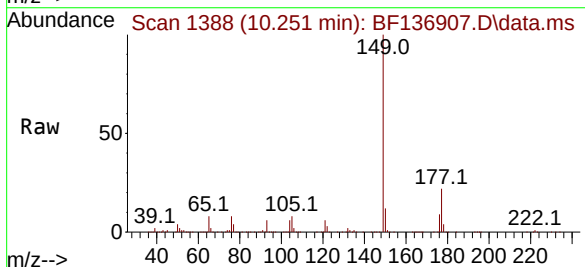
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

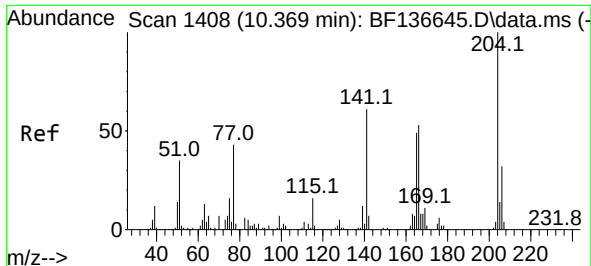
Tgt Ion:232 Resp: 137922
Ion Ratio Lower Upper
232 100
131 41.9 35.1 52.7
130 2.3 1.6 2.4
166 29.6 23.6 35.4



#60
Diethylphthalate
Concen: 44.209 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:149 Resp: 595059
Ion Ratio Lower Upper
149 100
177 22.2 16.9 25.3
150 12.3 9.3 13.9

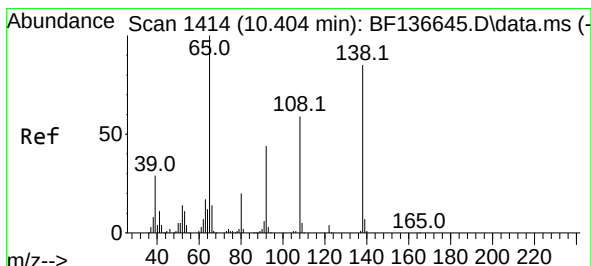
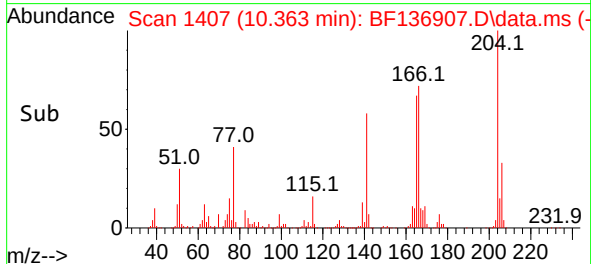
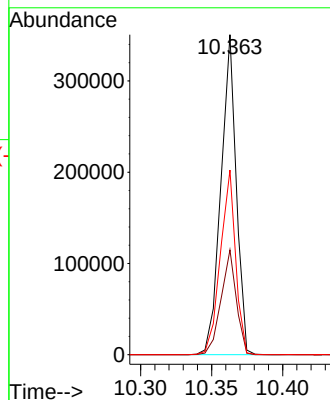
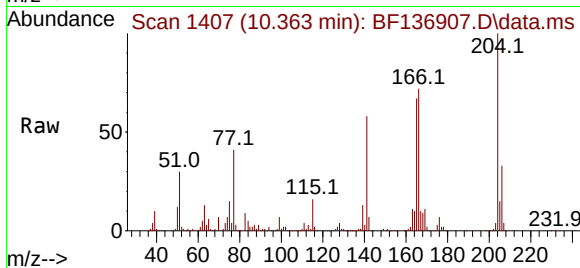




#61
4-Chlorophenyl-phenylether
Concen: 41.979 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

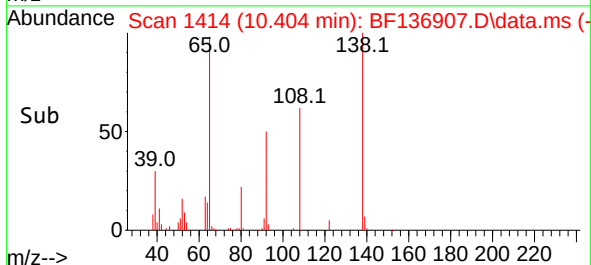
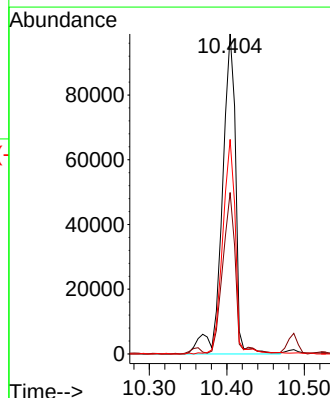
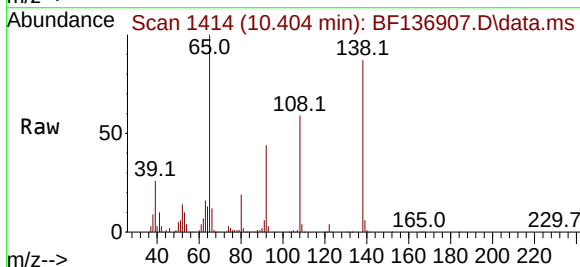
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

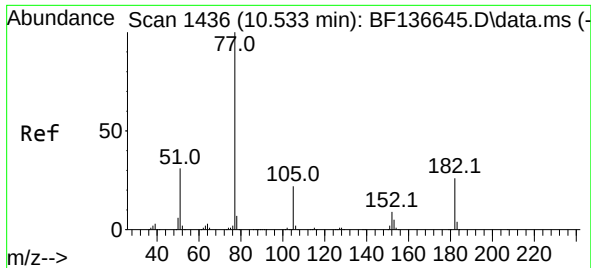
Tgt Ion:204 Resp: 263466
Ion Ratio Lower Upper
204 100
206 32.8 25.6 38.4
141 57.7 48.4 72.6



#62
4-Nitroaniline
Concen: 39.577 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:138 Resp: 118995
Ion Ratio Lower Upper
138 100
92 50.4 32.1 72.1
108 67.1 50.1 90.1

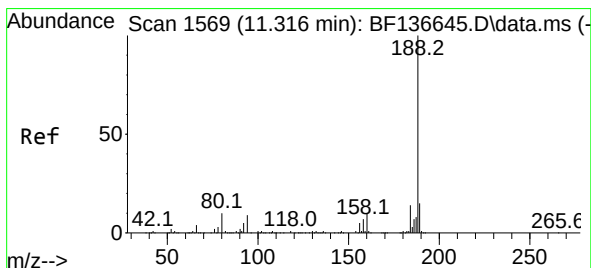
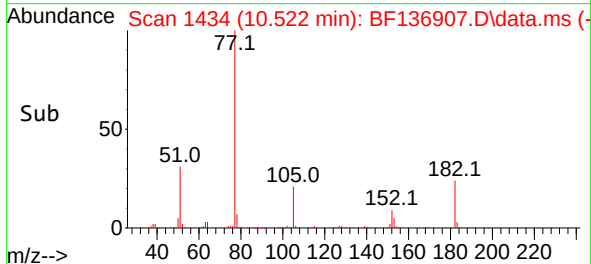
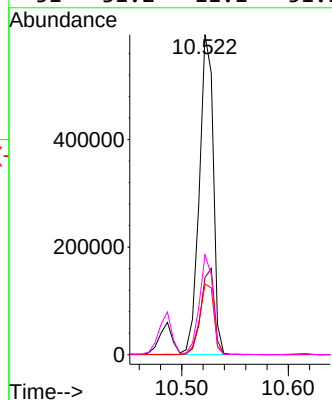
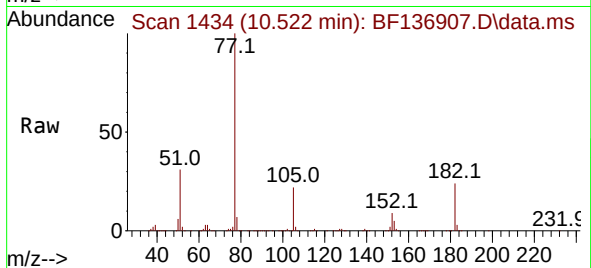




#63
Azobenzene
Concen: 43.042 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

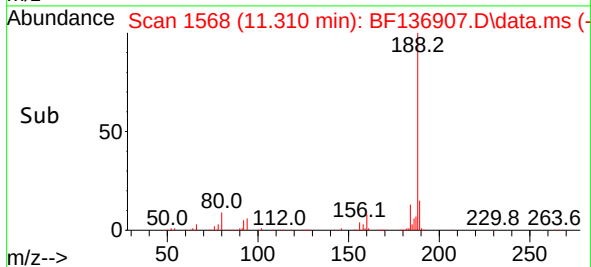
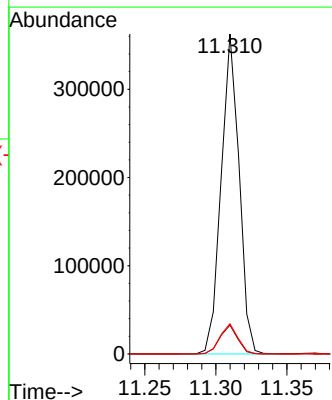
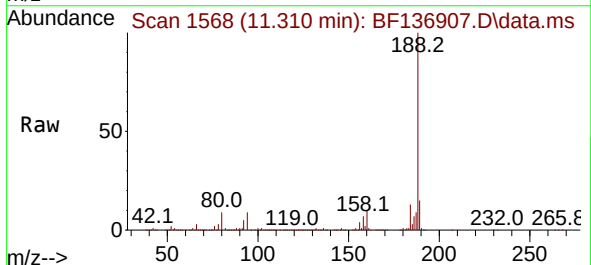
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

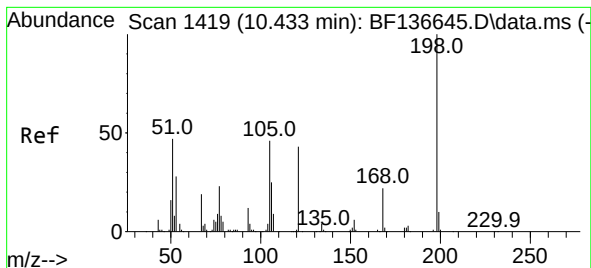
Tgt Ion: 77	Resp: 541126
Ion Ratio	Lower Upper
77 100	
182 24.1	6.0 46.0
105 22.1	2.3 42.3
51 31.2	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:188	Resp: 318318
Ion Ratio	Lower Upper
188 100	
94 9.0	7.5 11.3
80 9.5	8.1 12.1

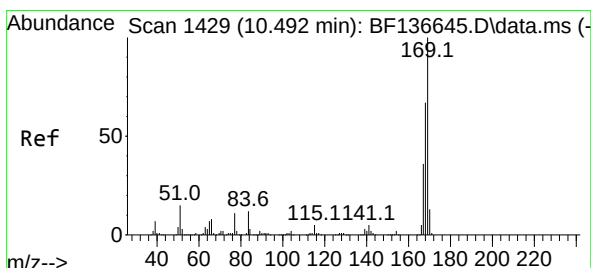
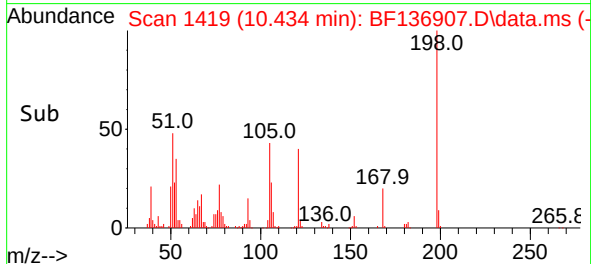
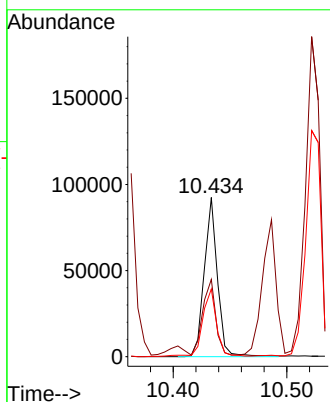
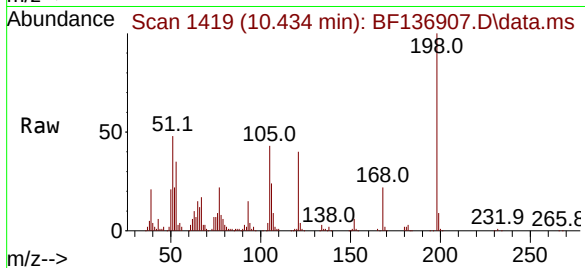




#65
4,6-Dinitro-2-methylphenol
Concen: 40.631 ng
RT: 10.434 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

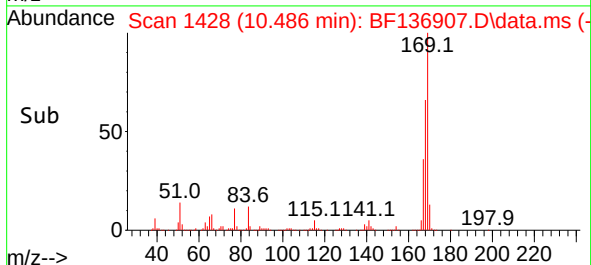
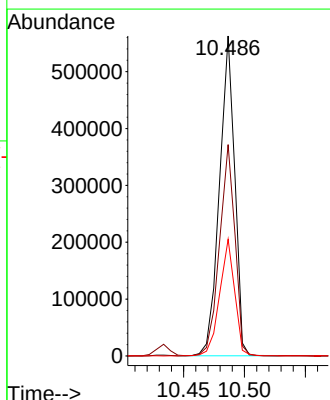
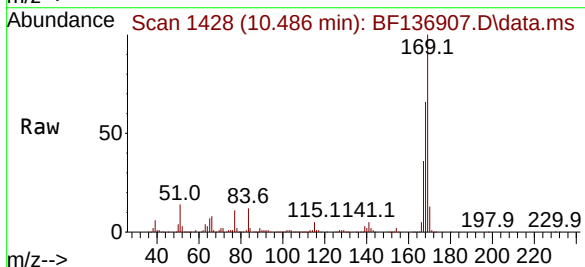
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

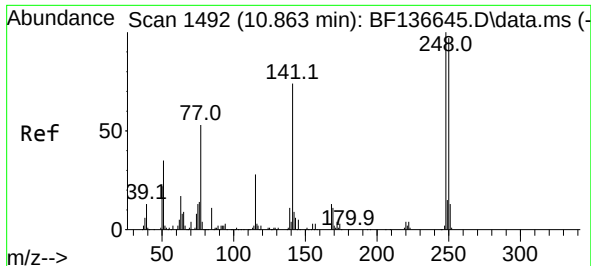
Tgt Ion:198 Resp: 74123
Ion Ratio Lower Upper
198 100
51 48.5 34.1 74.1
105 42.5 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 47.467 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:169 Resp: 490833
Ion Ratio Lower Upper
169 100
168 66.0 53.8 80.6
167 36.4 28.7 43.1

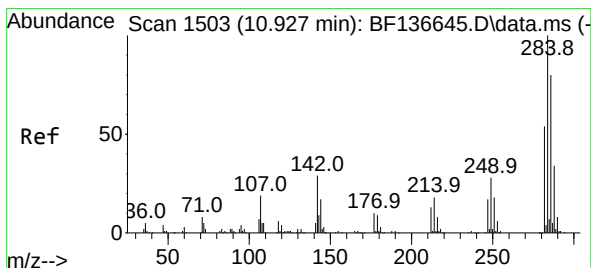
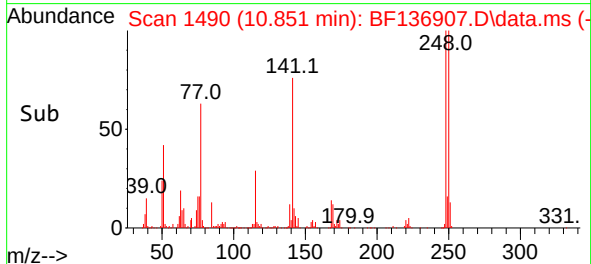
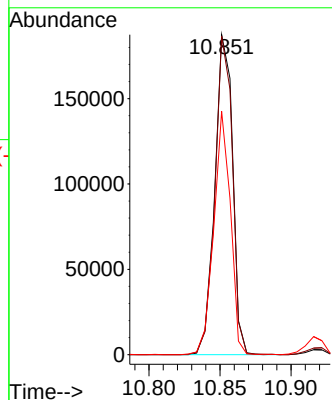
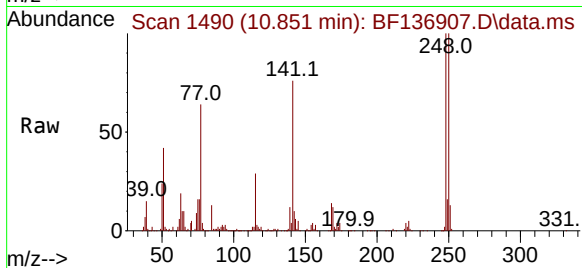




#67
4-Bromophenyl-phenylether
Concen: 46.271 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

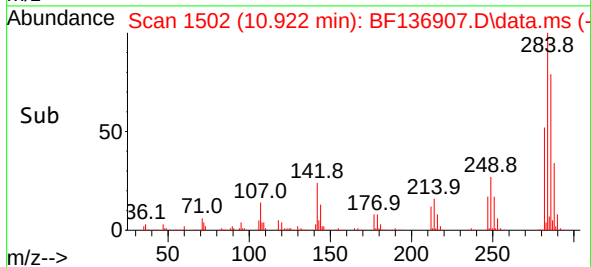
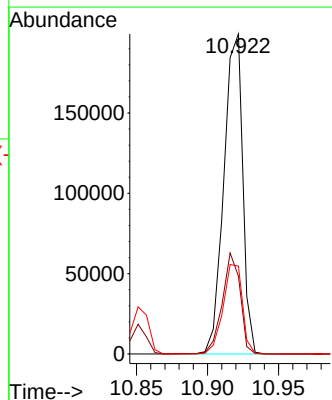
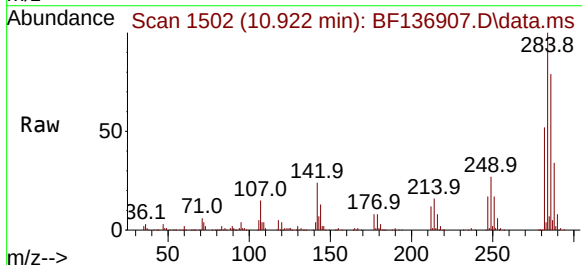
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

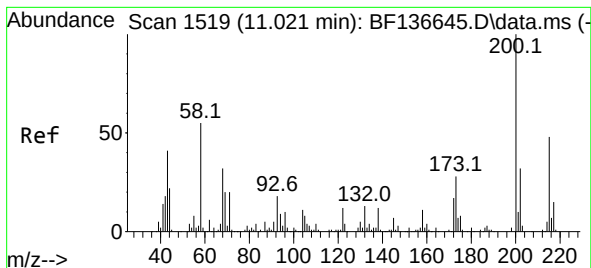
Tgt Ion:248 Resp: 163575
Ion Ratio Lower Upper
248 100
250 99.6 77.8 116.6
141 76.1 59.2 88.8



#68
Hexachlorobenzene
Concen: 46.656 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:284 Resp: 183808
Ion Ratio Lower Upper
284 100
142 24.3 23.4 35.0
249 27.5 22.3 33.5





#69

Atrazine

Concen: 56.339 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

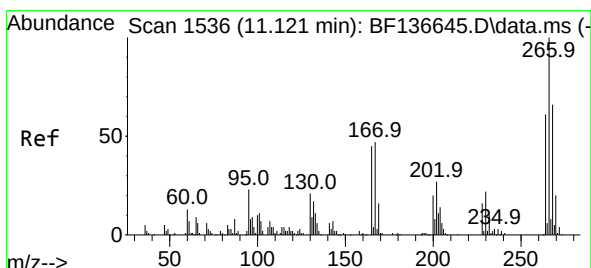
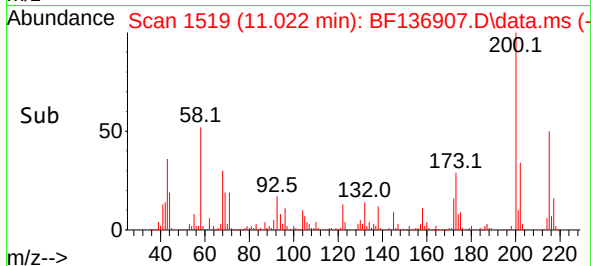
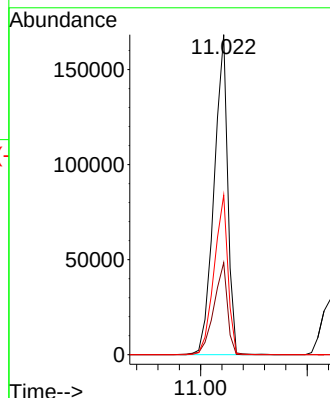
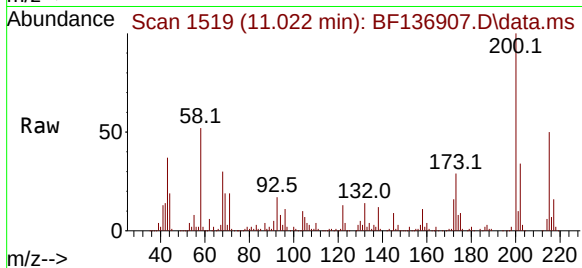
Tgt Ion:200 Resp: 149004

Ion Ratio Lower Upper

200 100

173 28.8 7.6 47.6

215 49.9 28.3 68.3



#70

Pentachlorophenol

Concen: 90.212 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

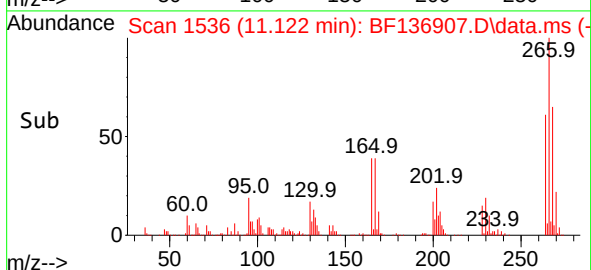
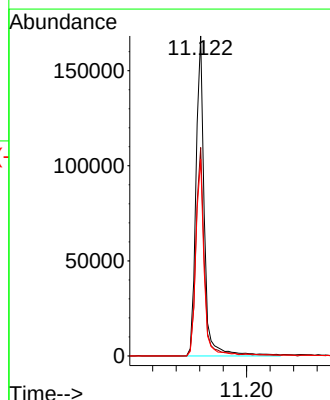
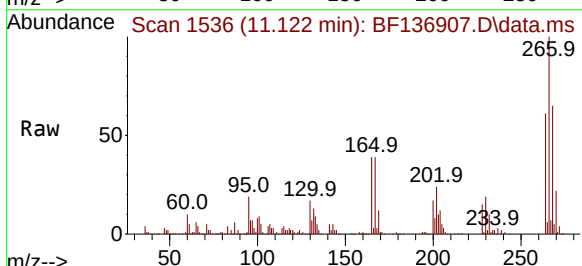
Tgt Ion:266 Resp: 165656

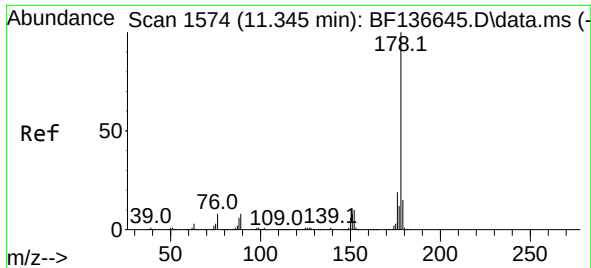
Ion Ratio Lower Upper

266 100

268 65.2 52.6 78.8

264 61.5 49.0 73.4

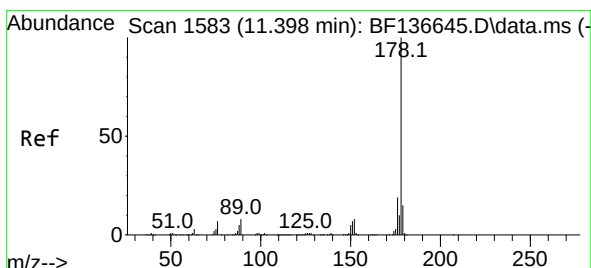
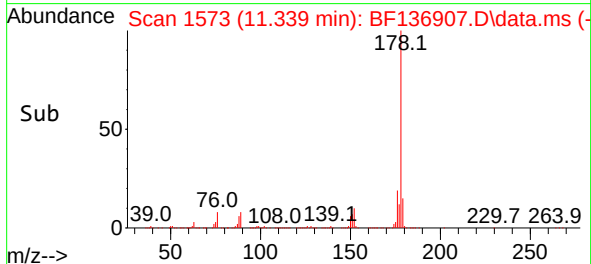
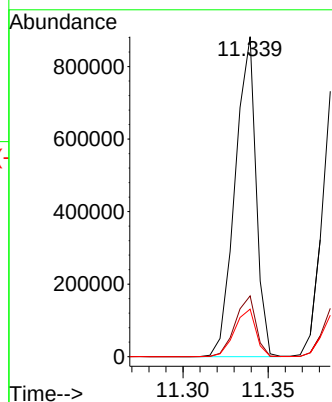
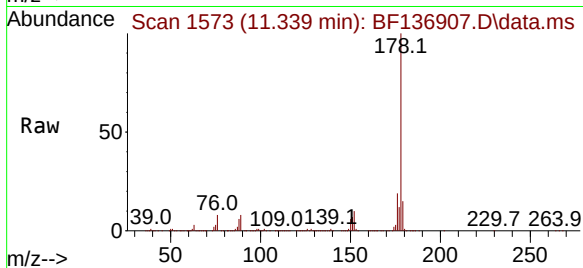




#71
Phenanthrene
Concen: 46.071 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

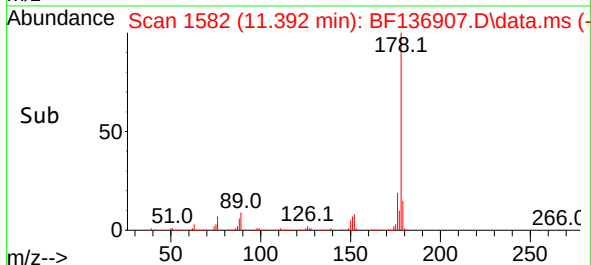
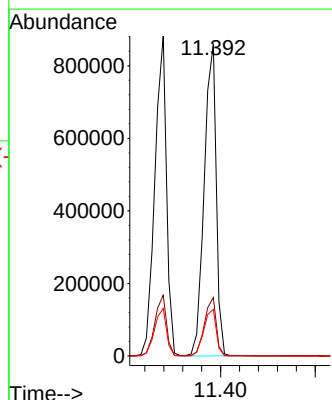
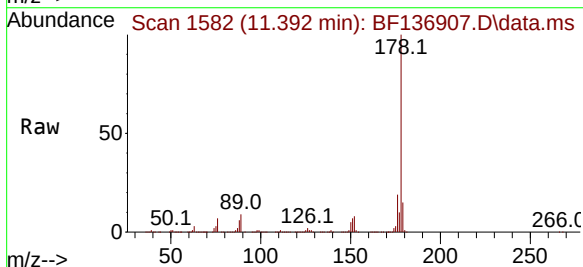
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

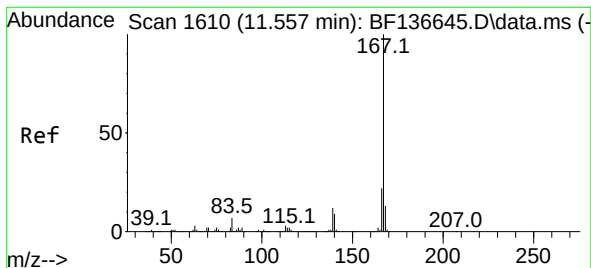
Tgt Ion:178 Resp: 752477
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 14.8 11.9 17.9



#72
Anthracene
Concen: 45.704 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:178 Resp: 755992
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 14.9 11.8 17.6





#73

Carbazole

Concen: 43.070 ng

RT: 11.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

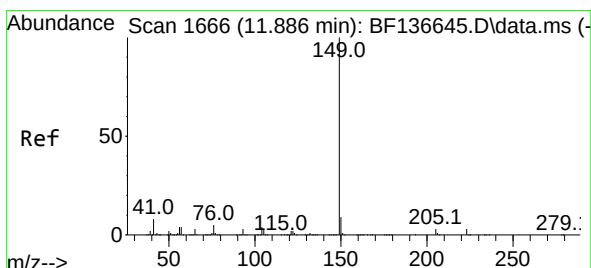
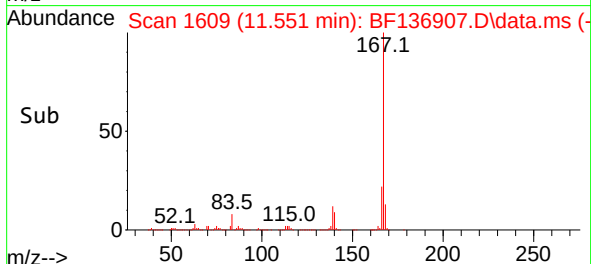
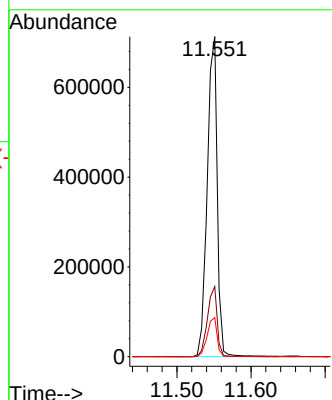
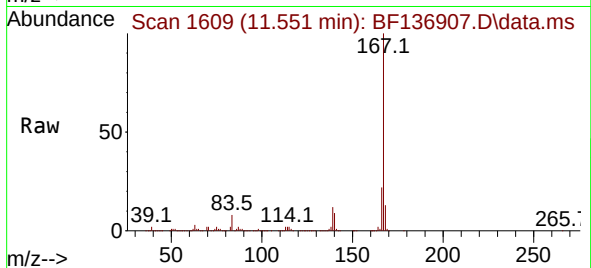
Tgt Ion:167 Resp: 671688

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

139 12.2 9.8 14.6



#74

Di-n-butylphthalate

Concen: 47.653 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

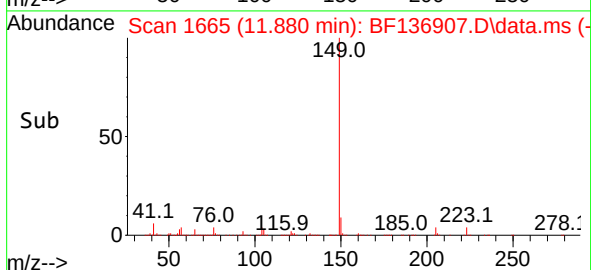
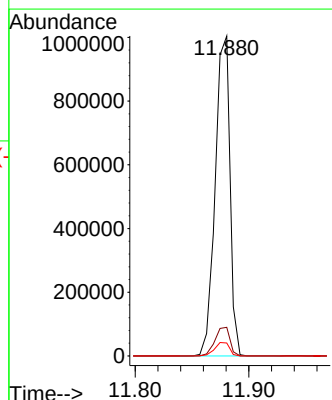
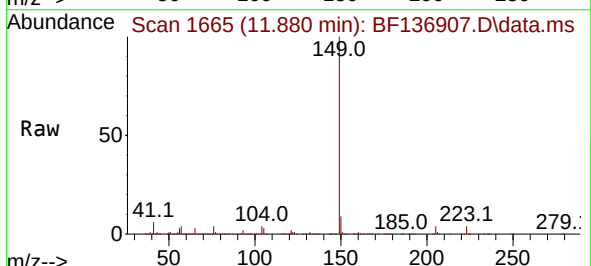
Tgt Ion:149 Resp: 906833

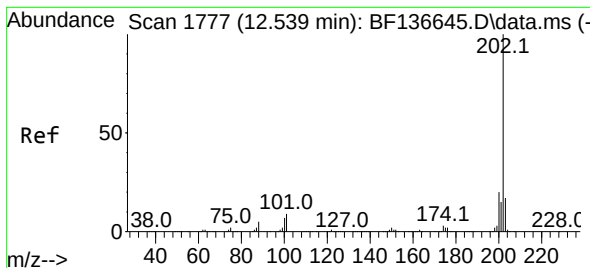
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

104 4.0 3.6 5.4





#75

Fluoranthene

Concen: 41.105 ng

RT: 12.533 min Scan# 1776

Delta R.T. -0.006 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

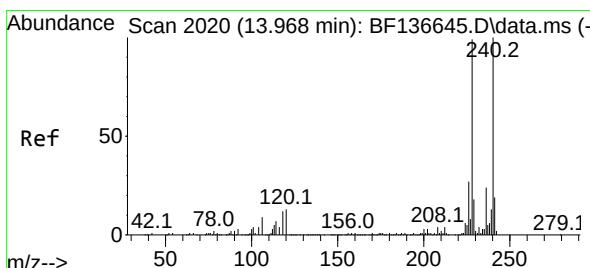
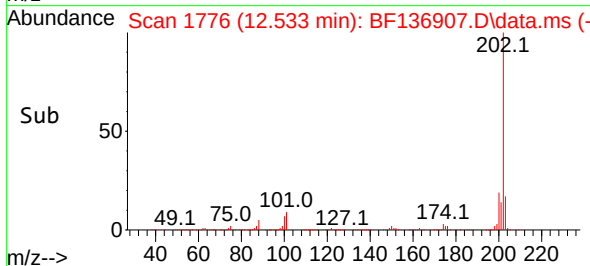
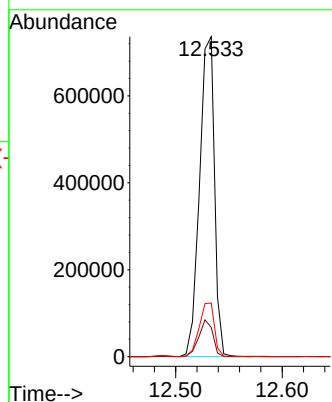
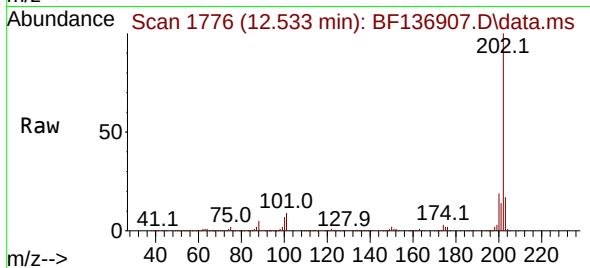
Tgt Ion:202 Resp: 718138

Ion Ratio Lower Upper

202 100

101 9.1 0.0 29.3

203 16.8 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

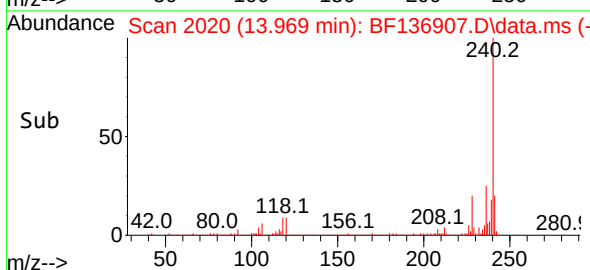
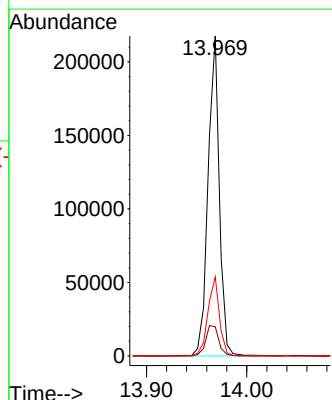
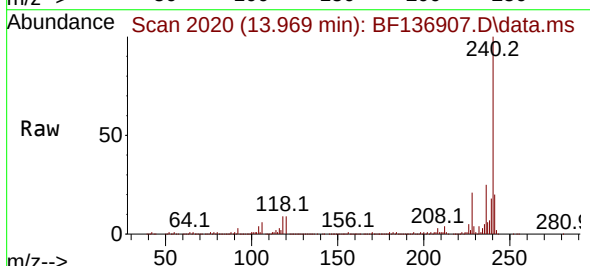
Tgt Ion:240 Resp: 171241

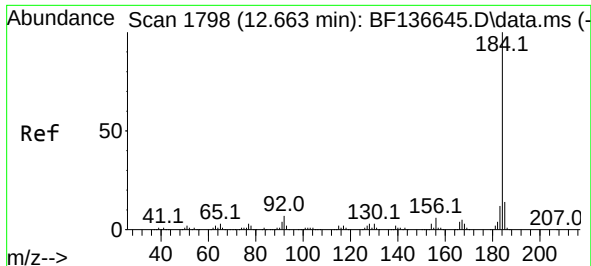
Ion Ratio Lower Upper

240 100

120 9.2 10.3 15.5#

236 24.7 19.4 29.2

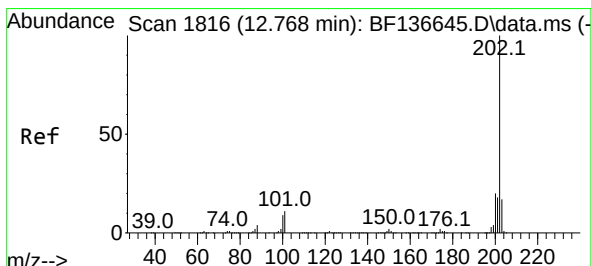
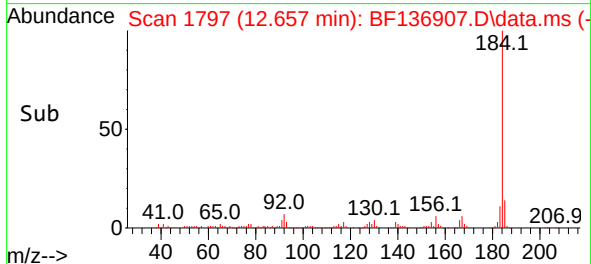
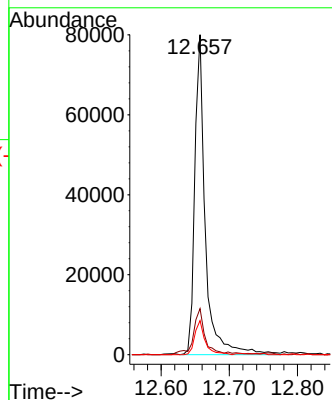
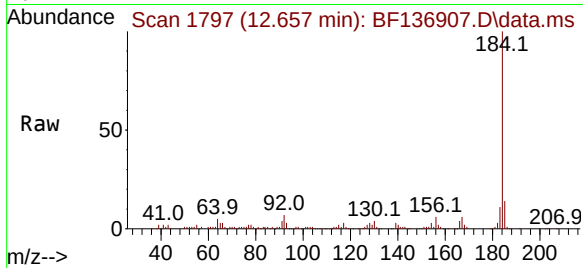




#77
Benzidine
Concen: 16.867 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

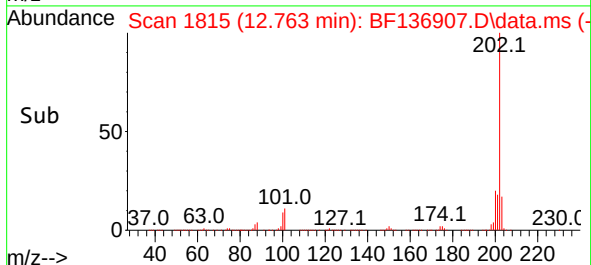
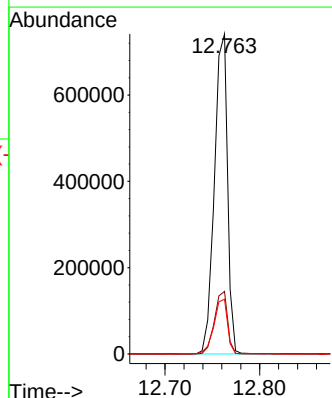
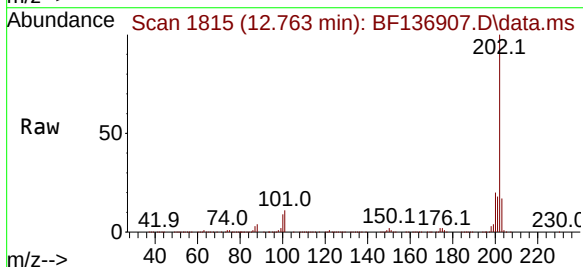
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

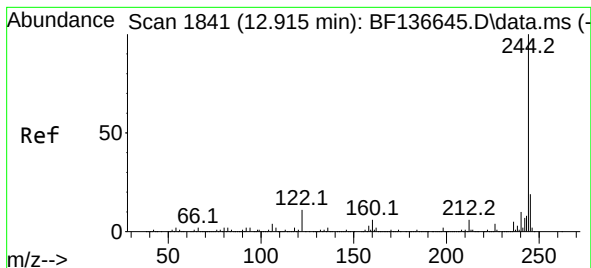
Tgt Ion:184 Resp: 85166
Ion Ratio Lower Upper
184 100
185 14.4 11.2 16.8
183 10.6 9.3 13.9



#78
Pyrene
Concen: 42.298 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:202 Resp: 711044
Ion Ratio Lower Upper
202 100
200 19.6 15.9 23.9
203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 84.261 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

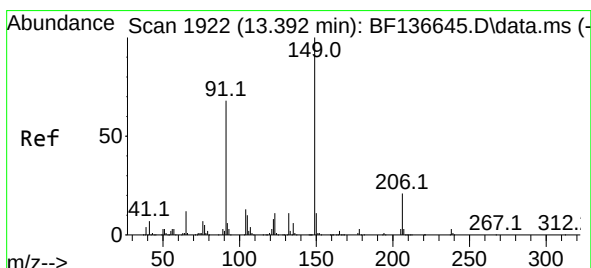
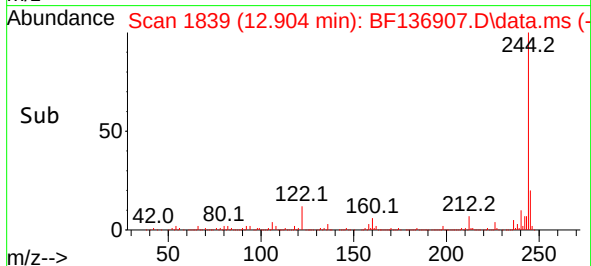
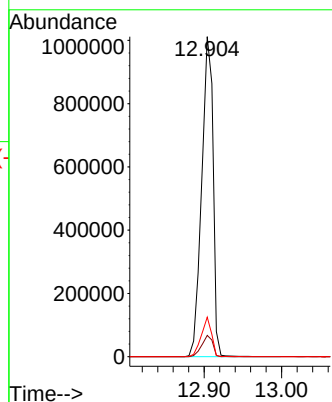
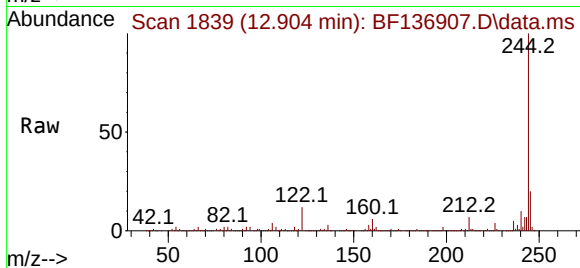
Tgt Ion:244 Resp: 1032506

Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.4

122 12.4 9.0 13.4



#80

Butylbenzylphthalate

Concen: 49.241 ng

RT: 13.380 min Scan# 1920

Delta R.T. -0.012 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

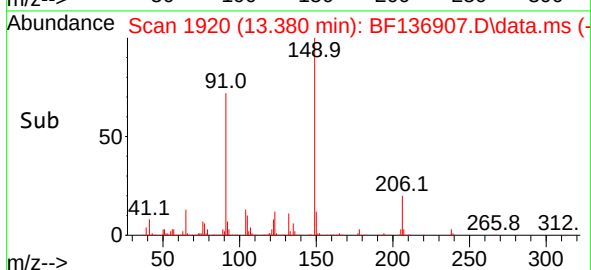
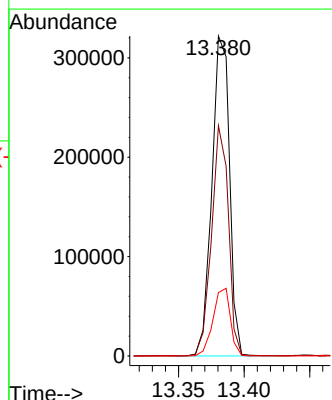
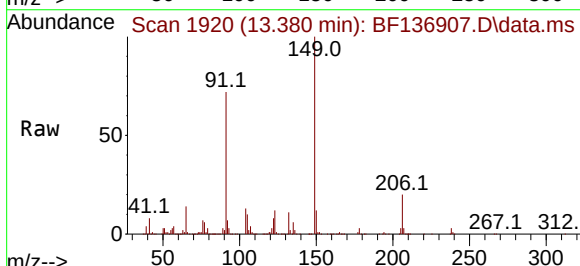
Tgt Ion:149 Resp: 301195

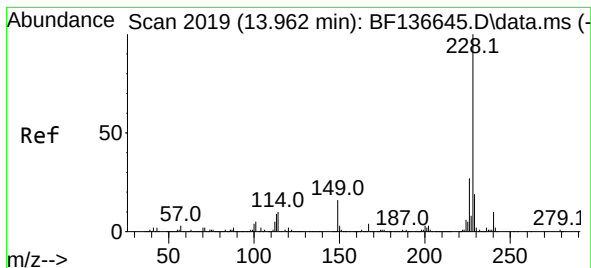
Ion Ratio Lower Upper

149 100

91 71.9 54.1 81.1

206 19.8 17.1 25.7





#81

Benzo(a)anthracene

Concen: 45.223 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

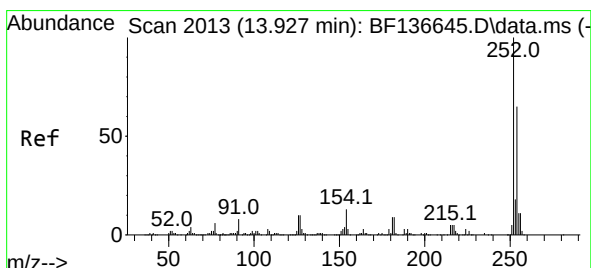
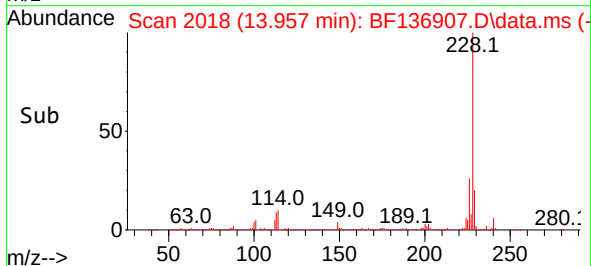
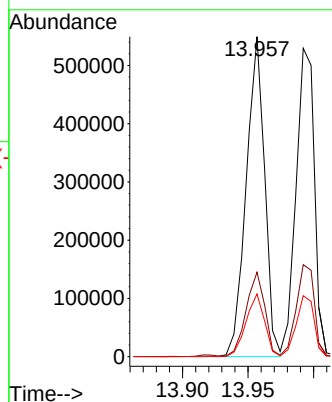
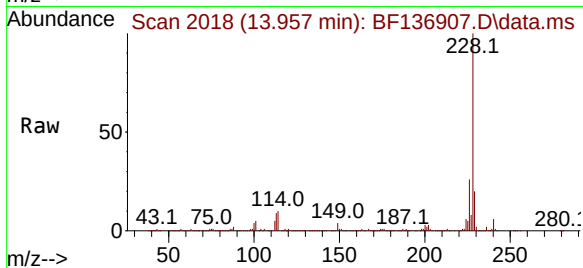
Tgt Ion:228 Resp: 537734

Ion Ratio Lower Upper

228 100

226 26.4 21.4 32.0

229 19.6 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 45.331 ng

RT: 13.922 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

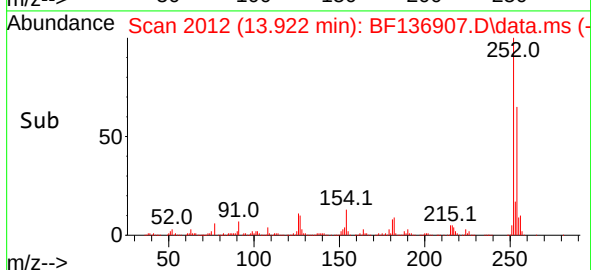
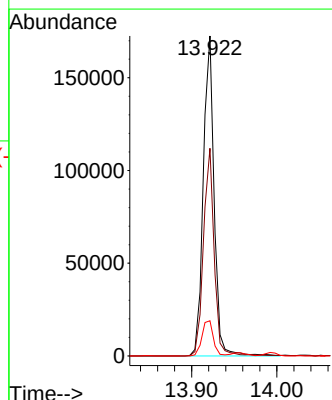
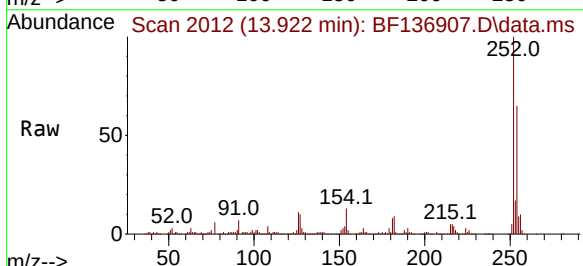
Tgt Ion:252 Resp: 153079

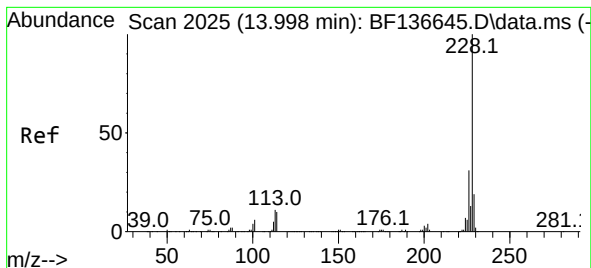
Ion Ratio Lower Upper

252 100

254 64.9 52.2 78.4

126 11.0 8.0 12.0





#83

Chrysene

Concen: 44.428 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

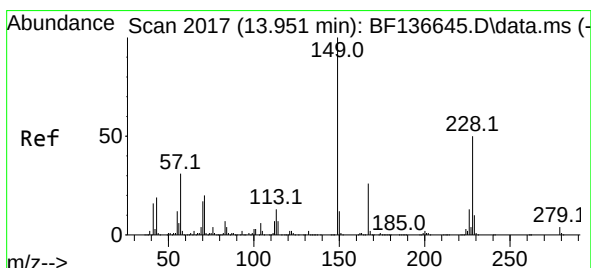
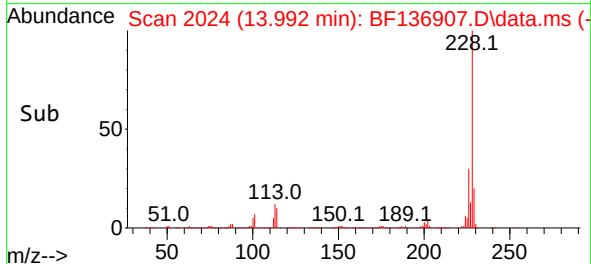
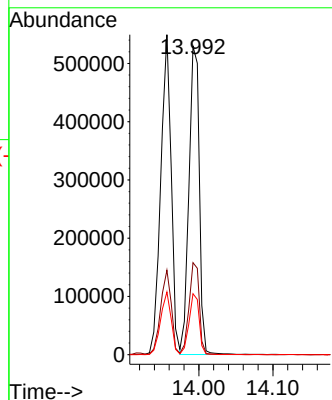
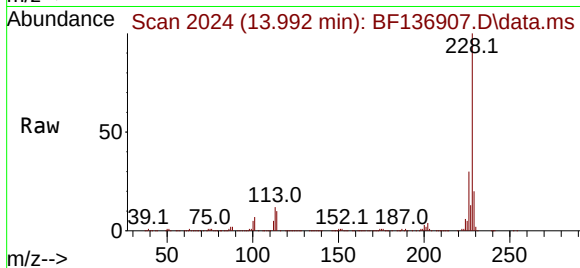
Tgt Ion:228 Resp: 516612

Ion Ratio Lower Upper

228 100

226 29.8 24.7 37.1

229 19.8 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.140 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

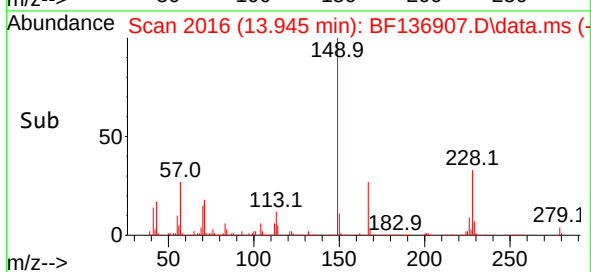
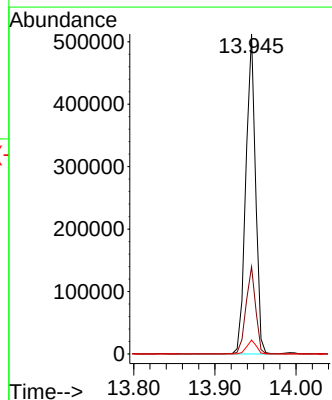
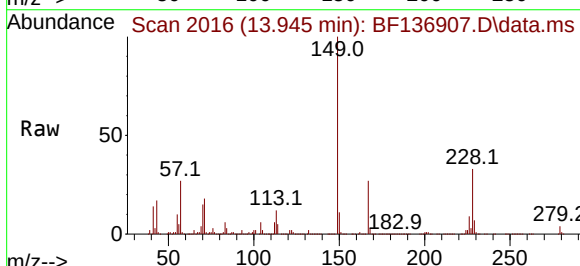
Tgt Ion:149 Resp: 424358

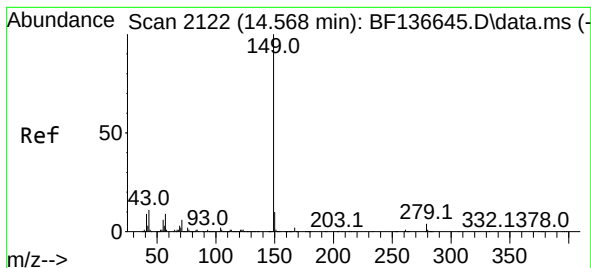
Ion Ratio Lower Upper

149 100

167 27.2 20.9 31.3

279 4.3 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 59.057 ng

RT: 14.563 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

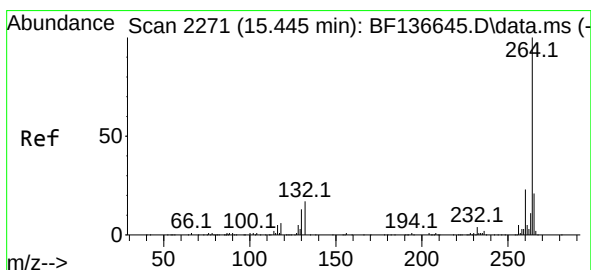
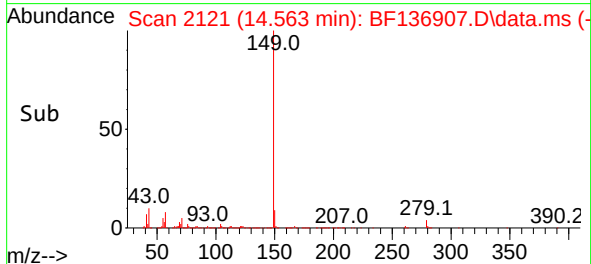
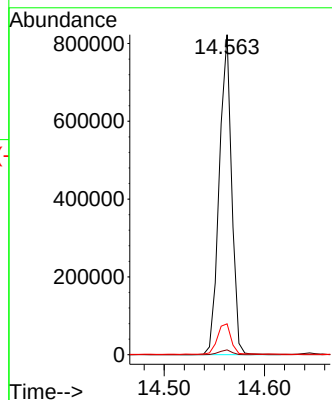
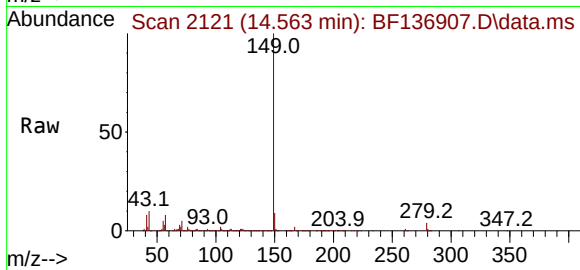
Tgt Ion:149 Resp: 703053

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.8 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

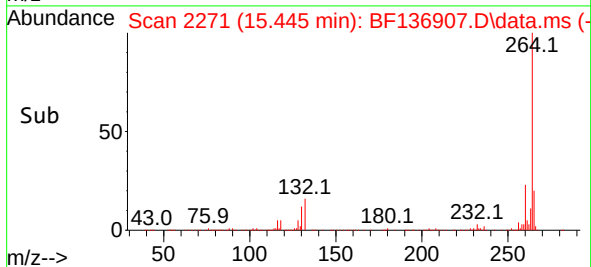
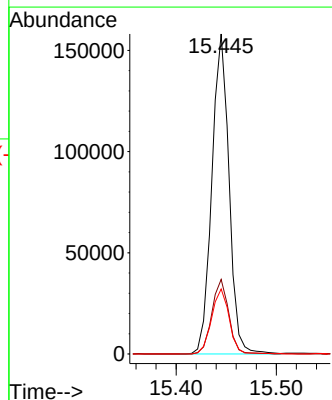
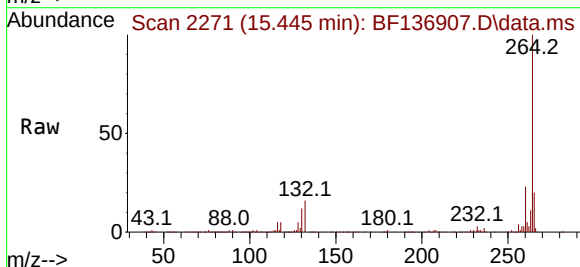
Tgt Ion:264 Resp: 187921

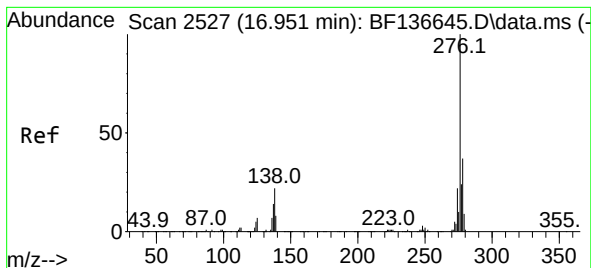
Ion Ratio Lower Upper

264 100

260 23.3 18.3 27.5

265 20.3 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.401 ng

RT: 16.957 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

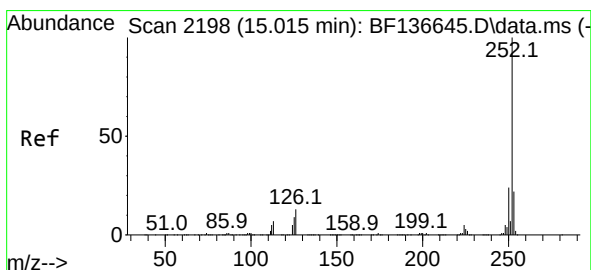
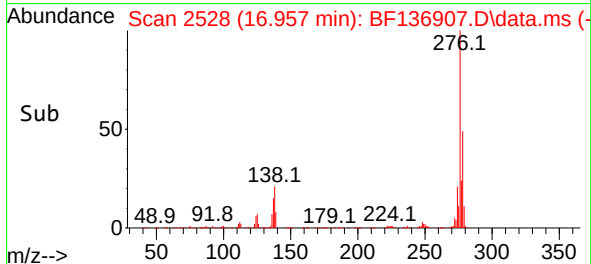
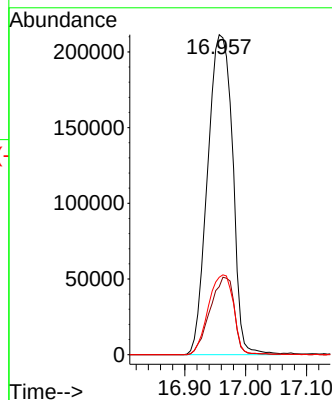
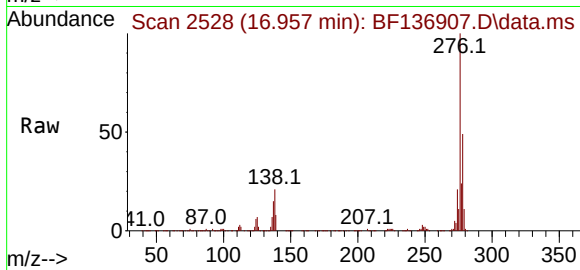
Tgt Ion:276 Resp: 602441

Ion Ratio Lower Upper

276 100

138 23.7 18.7 28.1

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 41.605 ng

RT: 15.016 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

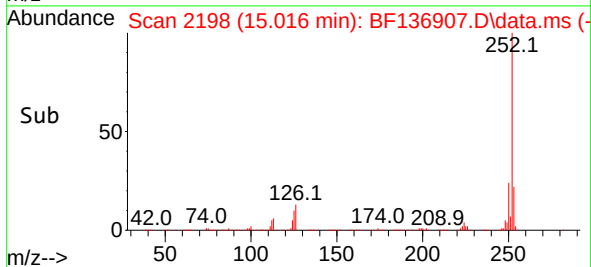
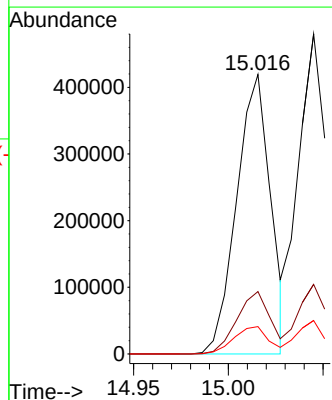
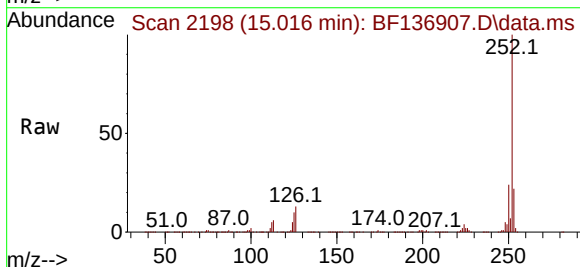
Tgt Ion:252 Resp: 522199

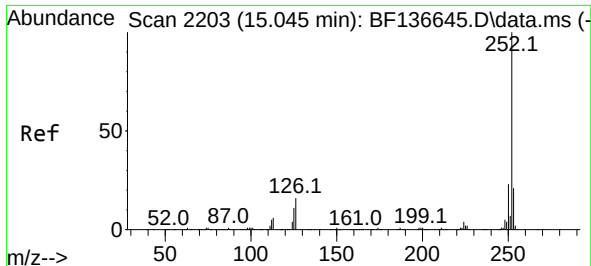
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 9.8 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 41.724 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

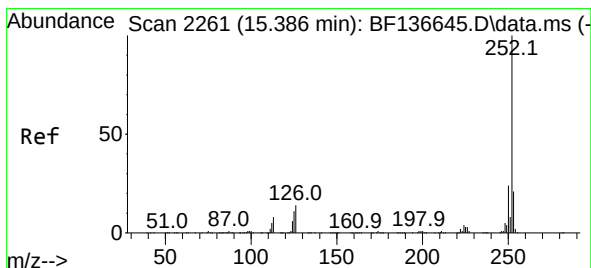
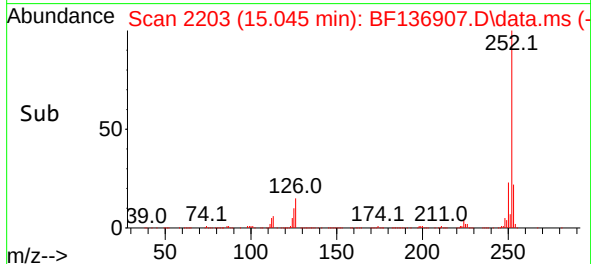
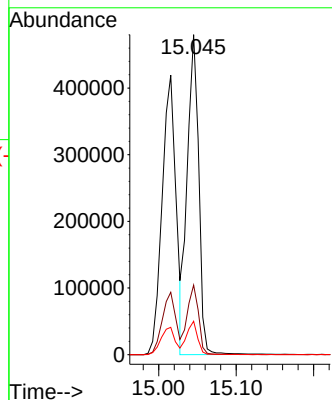
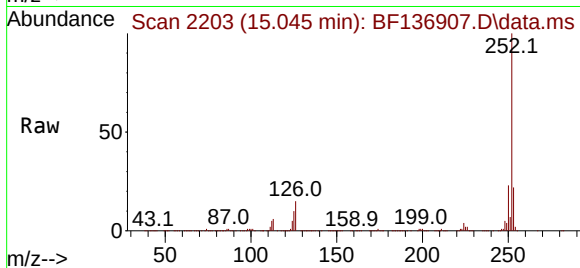
Tgt Ion:252 Resp: 494842

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 10.5 8.2 12.4



#90

Benzo(a)pyrene

Concen: 43.237 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

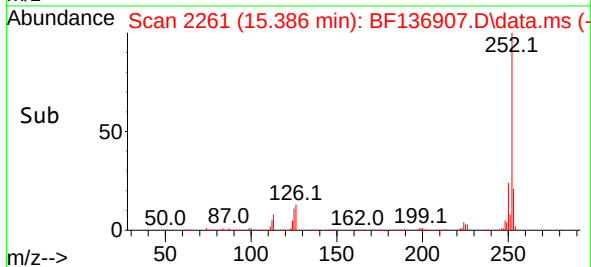
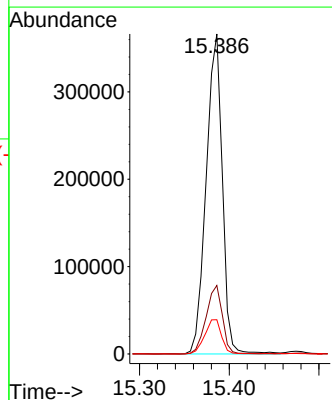
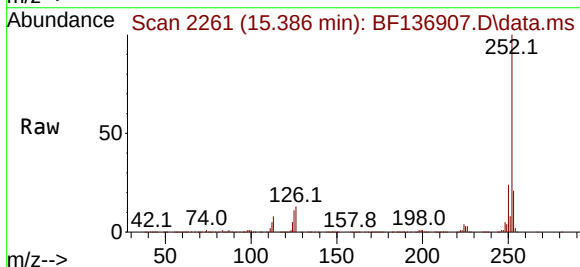
Tgt Ion:252 Resp: 458088

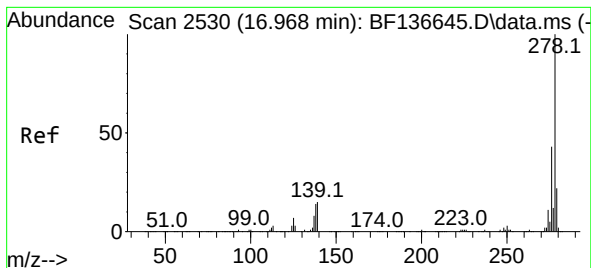
Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

125 10.7 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 45.692 ng

RT: 16.974 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

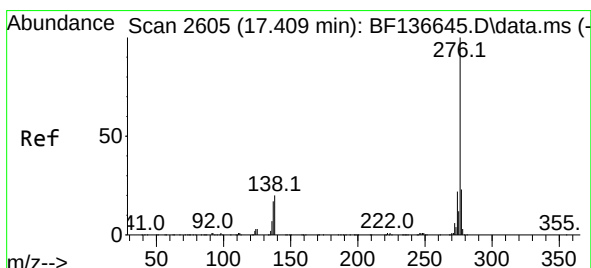
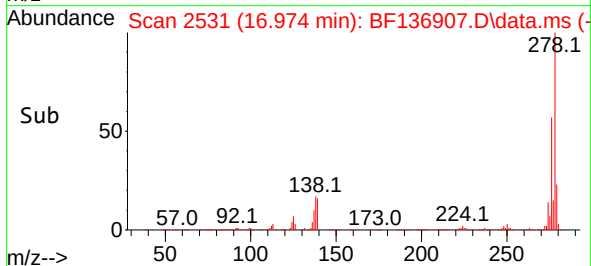
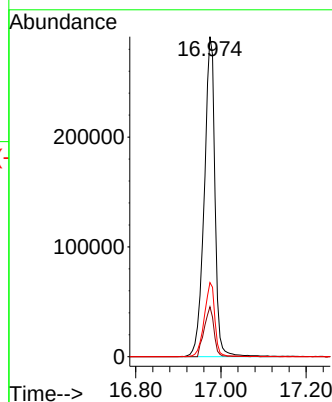
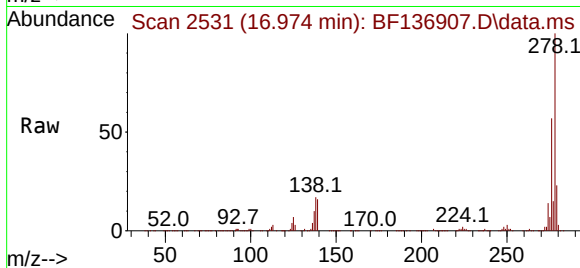
Tgt Ion:278 Resp: 508615

Ion Ratio Lower Upper

278 100

139 15.6 12.2 18.4

279 23.2 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 40.905 ng

RT: 17.415 min Scan# 2606

Delta R.T. 0.006 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Tgt Ion:276 Resp: 466350

Ion Ratio Lower Upper

276 100

277 23.2 18.3 27.5

138 19.6 15.6 23.4

