

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138866.D
 Acq On : 08 Aug 2024 15:22
 Operator : RC/JU
 Sample : PB162463BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 08 15:52:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	48969	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	204092	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	110072	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	189484	20.000	ng	0.00
76) Chrysene-d12	14.004	240	93153	20.000	ng	0.00
86) Perylene-d12	15.462	264	86793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	422478	133.178	ng	0.02
7) Phenol-d6	6.492	99	552340	129.684	ng	0.00
23) Nitrobenzene-d5	7.410	82	356687	85.446	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	125994	139.739	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	656413	89.601	ng	0.00
79) Terphenyl-d14	12.945	244	614252	110.401	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	44521	32.056	ng	98
3) Pyridine	3.469	79	116304	34.569	ng	96
4) n-Nitrosodimethylamine	3.434	42	104370	52.087	ng	83
6) Aniline	6.510	93	130121	34.257	ng	# 28
8) 2-Chlorophenol	6.634	128	165496	49.585	ng	97
9) Benzaldehyde	6.398	77	105248	41.223	ng	99
10) Phenol	6.504	94	211545	47.174	ng	81
11) bis(2-Chloroethyl)ether	6.581	93	151657	43.948	ng	99
12) 1,3-Dichlorobenzene	6.781	146	169683	45.418	ng	98
13) 1,4-Dichlorobenzene	6.857	146	174184	46.198	ng	100
14) 1,2-Dichlorobenzene	7.010	146	162513	46.121	ng	100
15) Benzyl Alcohol	6.992	79	154508	50.333	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	249795	42.062	ng	# 46
17) 2-Methylphenol	7.110	107	131491	47.711	ng	# 86
18) Hexachloroethane	7.351	117	63644	44.844	ng	94
19) n-Nitroso-di-n-propyla...	7.263	70	124596	48.435	ng	99
20) 3+4-Methylphenols	7.263	107	171985	48.637	ng	# 80
22) Acetophenone	7.257	105	219521	43.929	ng	97
24) Nitrobenzene	7.433	77	186701	43.953	ng	99
25) Isophorone	7.669	82	320318	44.938	ng	98
26) 2-Nitrophenol	7.745	139	85527	46.800	ng	94
27) 2,4-Dimethylphenol	7.786	122	110235	50.415	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	188208	43.359	ng	99
29) 2,4-Dichlorophenol	7.992	162	133171	47.397	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	144942	44.701	ng	99
31) Naphthalene	8.145	128	482471	44.911	ng	99
32) Benzoic acid	7.945	122	62871	36.578	ng	96
33) 4-Chloroaniline	8.198	127	67303	18.664	ng	98
34) Hexachlorobutadiene	8.257	225	88404	45.013	ng	99
35) Caprolactam	8.586	113	24884	29.681	ng	97
36) 4-Chloro-3-methylphenol	8.692	107	151061	47.044	ng	99
37) 2-Methylnaphthalene	8.833	142	312370	46.041	ng	98
38) 1-Methylnaphthalene	8.933	142	286286	43.061	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	133856	43.777	ng	98
41) Hexachlorocyclopentadiene	8.980	237	88153	106.404	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	84116	45.119	ng	99

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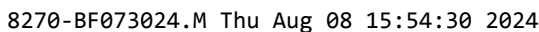
Instrument :
 BNA_F
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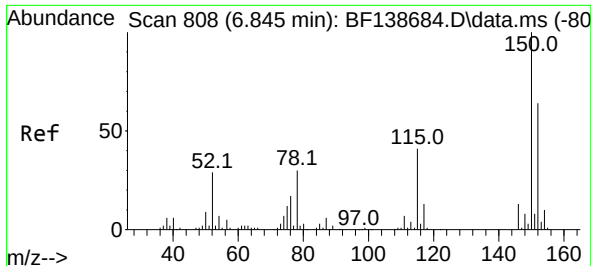
Quant Time: Aug 08 15:52:52 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	92884	45.575	ng	98
46) 1,1'-Biphenyl	9.298	154	365546	42.403	ng	99
47) 2-Chloronaphthalene	9.327	162	291405	45.451	ng	99
48) 2-Nitroaniline	9.433	65	103203	47.481	ng	99
49) Acenaphthylene	9.739	152	449469	49.428	ng	99
50) Dimethylphthalate	9.604	163	343910	48.864	ng	99
51) 2,6-Dinitrotoluene	9.675	165	73193	46.080	ng	92
52) Acenaphthene	9.910	154	277044	45.323	ng	100
53) 3-Nitroaniline	9.845	138	49628	30.224	ng	98
54) 2,4-Dinitrophenol	9.957	184	64205	87.810	ng	# 81
55) Dibenzofuran	10.086	168	409386	47.444	ng	98
56) 4-Nitrophenol	10.022	139	78038	79.031	ng	87
57) 2,4-Dinitrotoluene	10.080	165	99257	48.979	ng	# 81
58) Fluorene	10.427	166	329475	47.949	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	76093	48.836	ng	96
60) Diethylphthalate	10.304	149	335590	50.288	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	161283	47.724	ng	97
62) 4-Nitroaniline	10.463	138	68902	44.155	ng	88
63) Azobenzene	10.580	77	347164	46.905	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	55191	47.742	ng	98
66) n-Nitrosodiphenylamine	10.539	169	281123	47.464	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	93088	45.375	ng	96
68) Hexachlorobenzene	10.974	284	97611	46.082	ng	98
69) Atrazine	11.069	200	83461	54.617	ng	98
70) Pentachlorophenol	11.174	266	70697	74.046	ng	99
71) Phenanthrene	11.392	178	466676	47.830	ng	100
72) Anthracene	11.445	178	474255	49.340	ng	100
73) Carbazole	11.598	167	387849	46.770	ng	98
74) Di-n-butylphthalate	11.916	149	502716	53.926	ng	99
75) Fluoranthene	12.574	202	431401	47.362	ng	98
77) Benzidine	12.698	184	34528	15.497	ng	98
78) Pyrene	12.804	202	423839	48.325	ng	99
80) Butylbenzylphthalate	13.415	149	145173	51.689	ng	96
81) Benzo(a)anthracene	13.992	228	301253	46.963	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	58759	35.795	ng	99
83) Chrysene	14.027	228	274248	47.388	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	172629	41.974	ng	98
85) Di-n-octyl phthalate	14.580	149	283006	37.193	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	272510	43.813	ng	96
88) Benzo(b)fluoranthene	15.039	252	260514	48.420	ng	98
89) Benzo(k)fluoranthene	15.068	252	248699	53.388	ng	99
90) Benzo(a)pyrene	15.404	252	234700	51.860	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	220388	43.165	ng	98
92) Benzo(g,h,i)perylene	17.374	276	199632	37.679	ng	97

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

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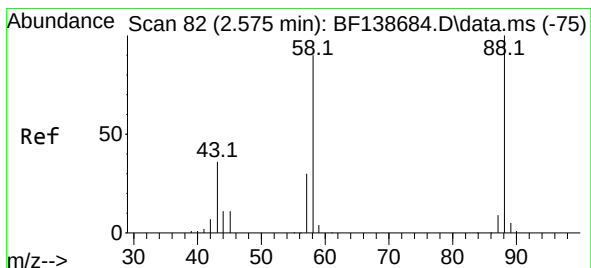
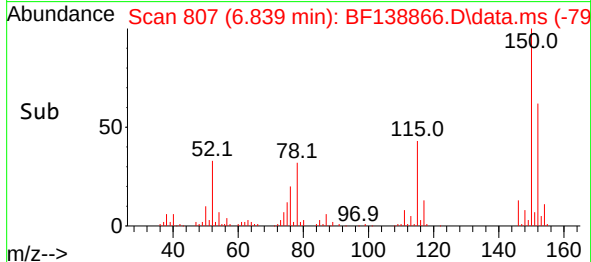
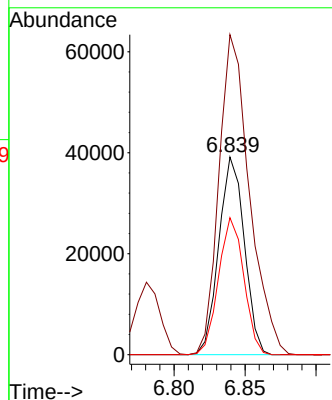
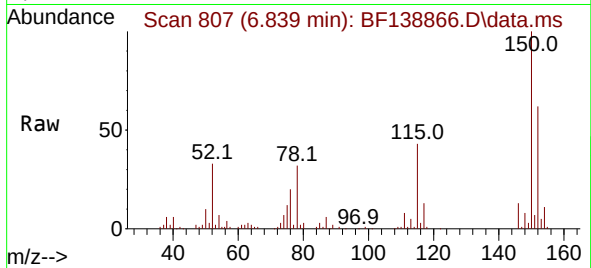




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF138866.D
 Acq: 08 Aug 2024 15:22

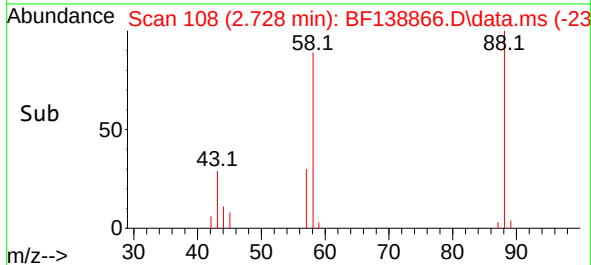
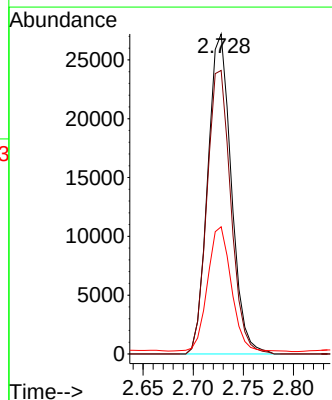
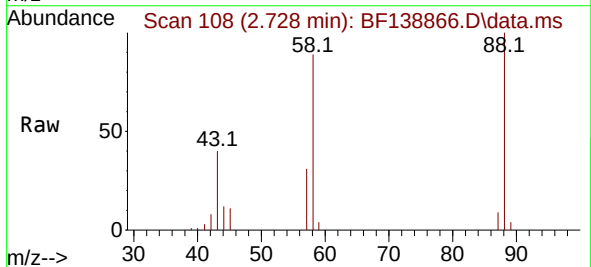
Instrument :
 BNA_F
 ClientSampleId :

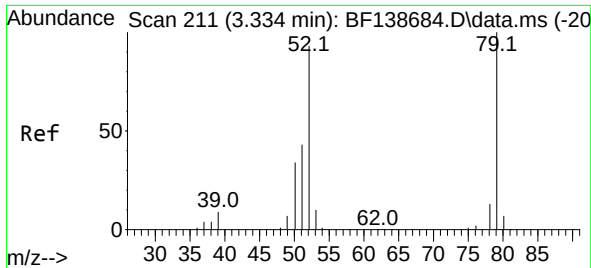
Tgt Ion:152 Resp: 48969
 Ion Ratio Lower Upper
 152 100
 150 161.9 126.0 189.0
 115 69.3 51.7 77.5



#2
 1,4-Dioxane
 Concen: 32.056 ng
 RT: 2.728 min Scan# 108
 Delta R.T. 0.153 min
 Lab File: BF138866.D
 Acq: 08 Aug 2024 15:22

Tgt Ion: 88 Resp: 44521
 Ion Ratio Lower Upper
 88 100
 58 89.7 71.6 107.4
 43 39.4 28.7 43.1





#3

Pyridine

Concen: 34.569 ng

RT: 3.469 min Scan# 211

Delta R.T. 0.135 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

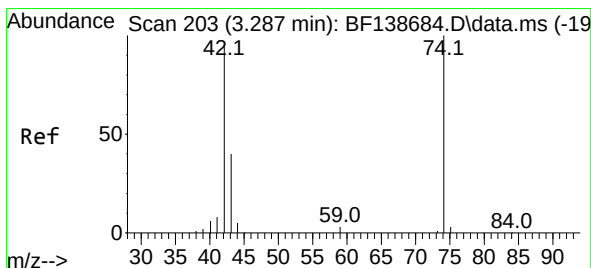
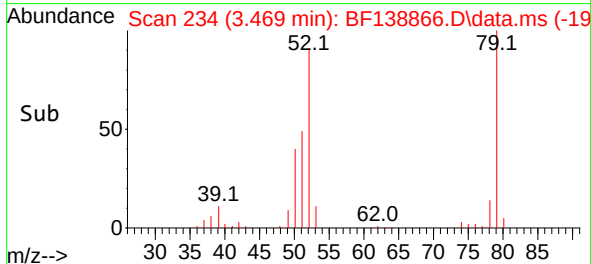
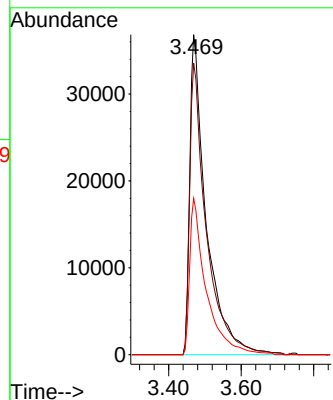
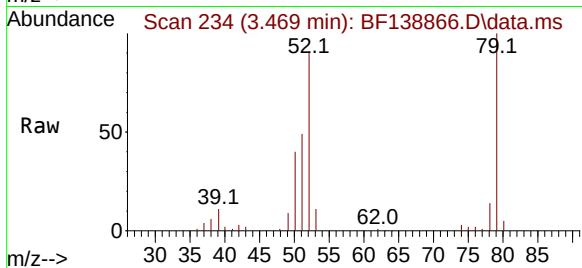
Tgt Ion: 79 Resp: 116304

Ion Ratio Lower Upper

79 100

52 91.1 74.7 112.1

51 48.9 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 52.087 ng

RT: 3.434 min Scan# 228

Delta R.T. 0.147 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

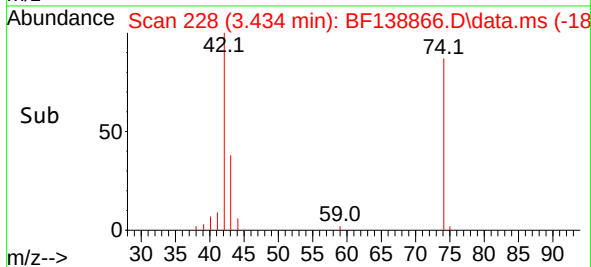
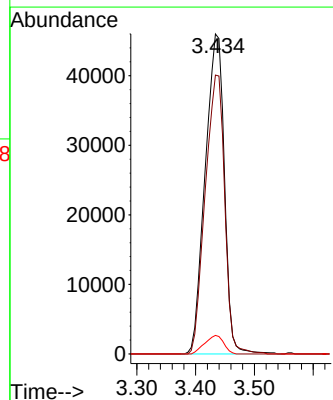
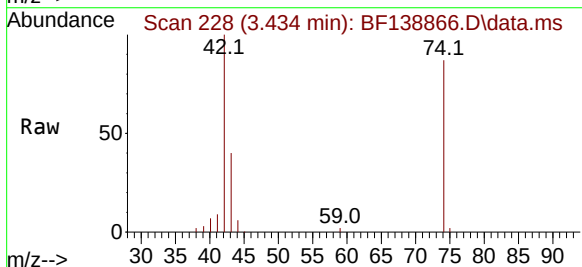
Tgt Ion: 42 Resp: 104370

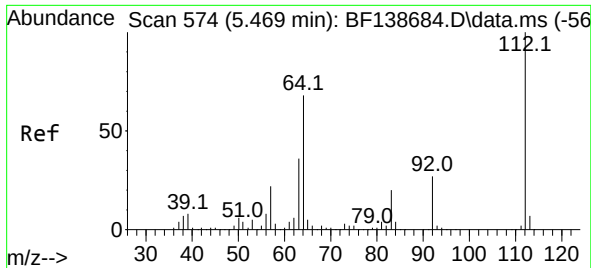
Ion Ratio Lower Upper

42 100

74 87.2 84.2 126.4

44 5.8 4.9 7.3

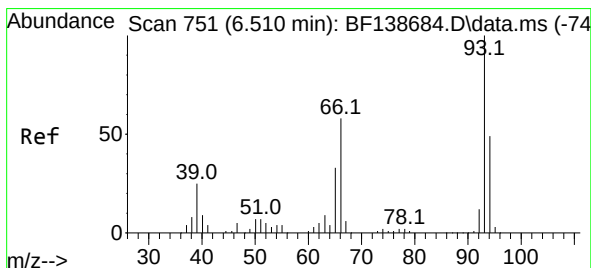
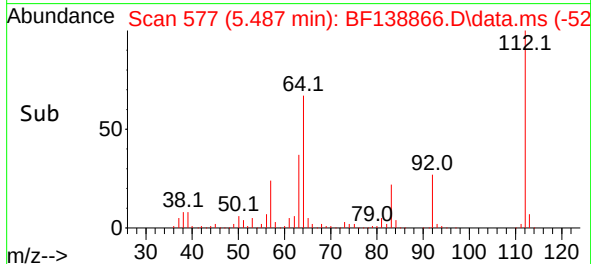
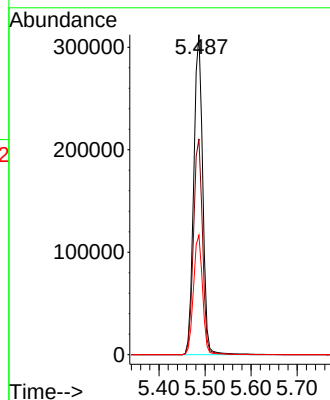
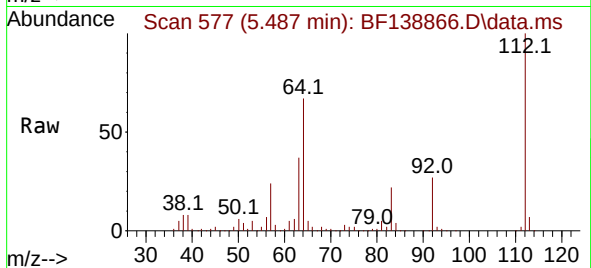




#5
2-Fluorophenol
Concen: 133.178 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

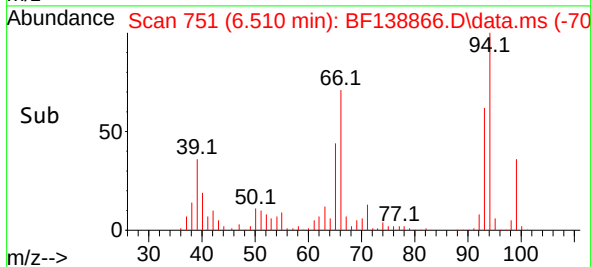
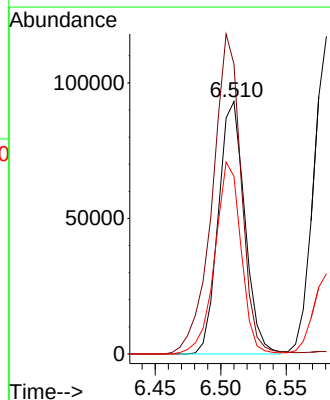
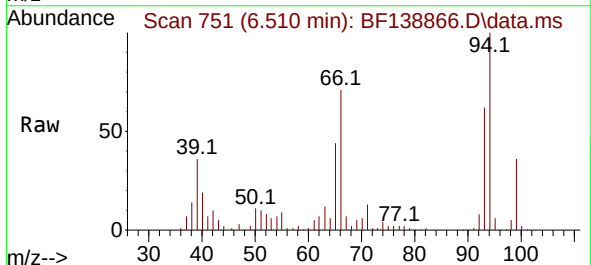
Instrument :
BNA_F
ClientSampleId :

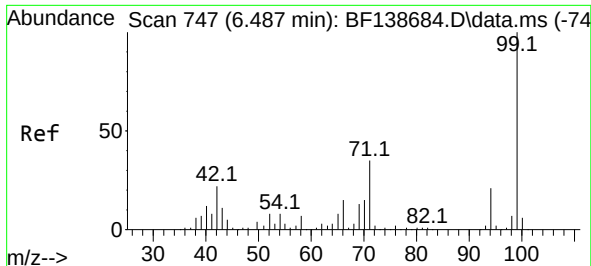
Tgt Ion:112 Resp: 422478
Ion Ratio Lower Upper
112 100
64 67.4 54.2 81.4
63 37.3 28.7 43.1



#6
Aniline
Concen: 34.257 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion: 93 Resp: 130121
Ion Ratio Lower Upper
93 100
66 114.8 46.9 70.3#
65 70.4 26.5 39.7#

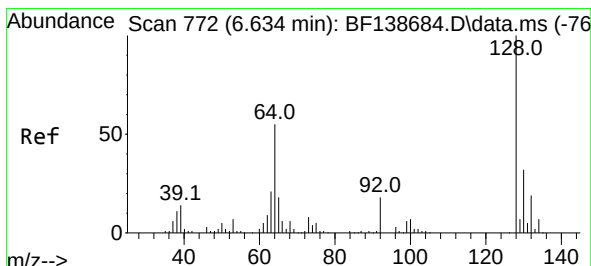
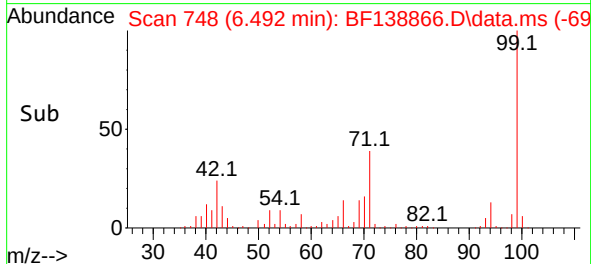
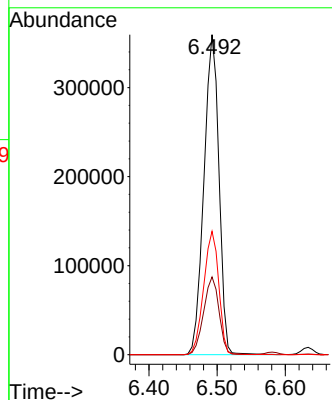
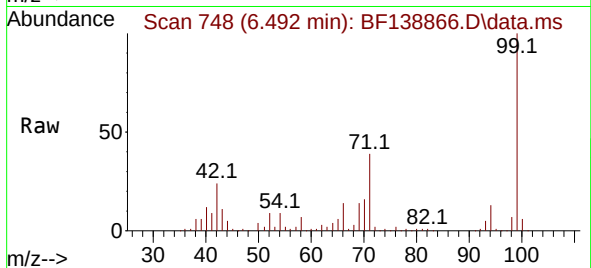




#7
Phenol-d6
Concen: 129.684 ng
RT: 6.492 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

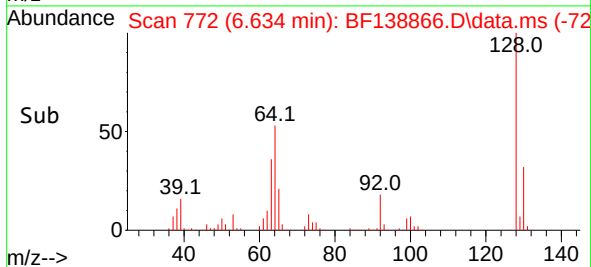
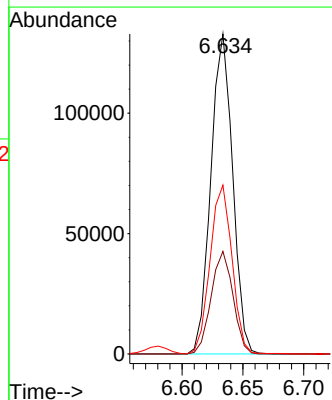
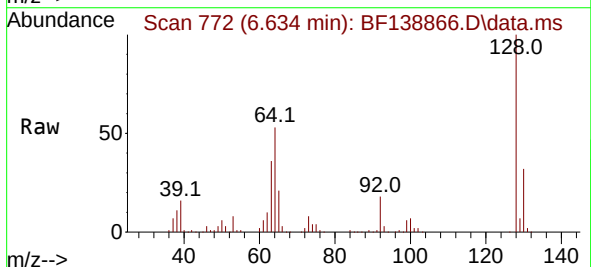
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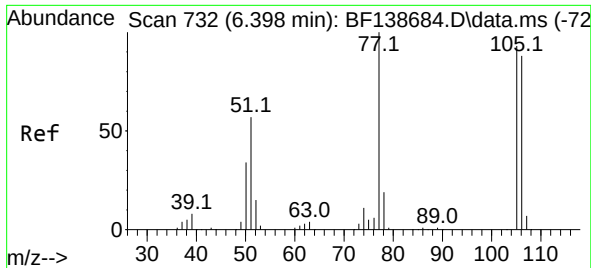
Tgt Ion: 99 Resp: 552340
Ion Ratio Lower Upper
99 100
42 24.3 17.4 26.0
71 38.6 28.1 42.1



#8
2-Chlorophenol
Concen: 49.585 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:128 Resp: 165496
Ion Ratio Lower Upper
128 100
130 32.1 12.0 52.0
64 52.7 36.3 76.3





#9

Benzaldehyde

Concen: 41.223 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

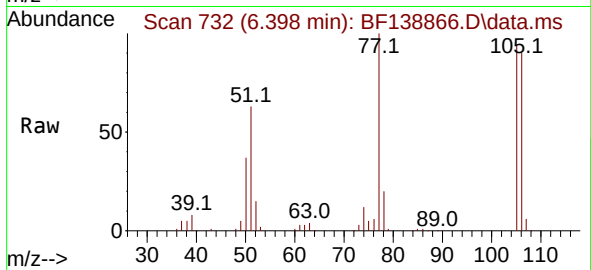
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Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :



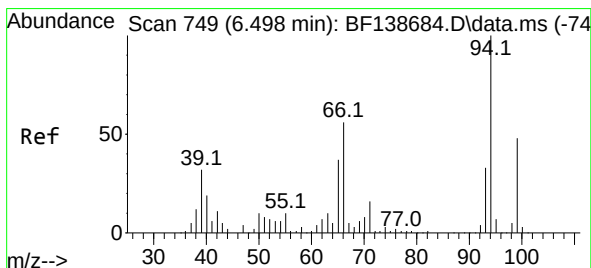
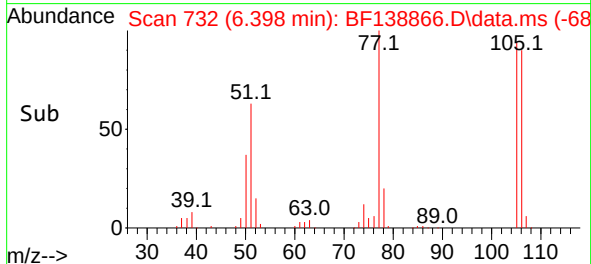
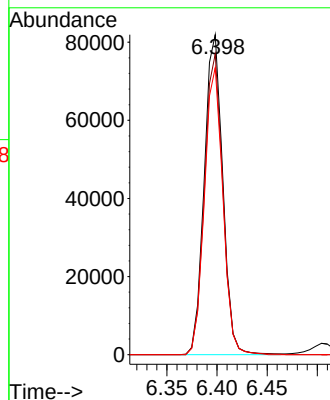
Tgt Ion: 77 Resp: 105248

Ion Ratio Lower Upper

77 100

105 93.9 72.9 112.9

106 89.7 68.4 108.4



#10

Phenol

Concen: 47.174 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF138866.D

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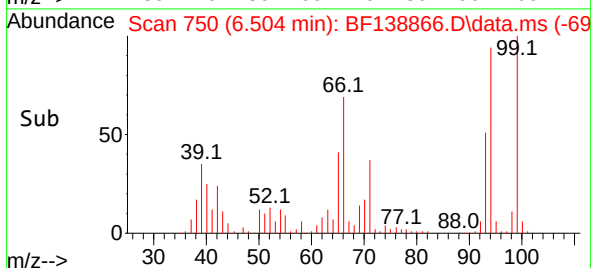
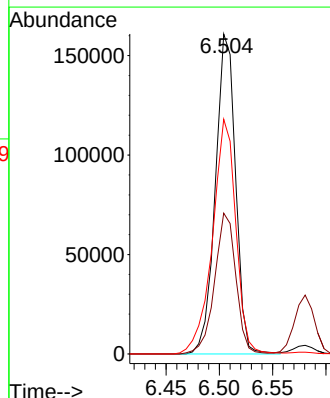
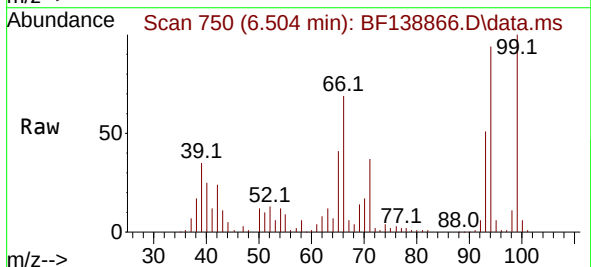
Tgt Ion: 94 Resp: 211545

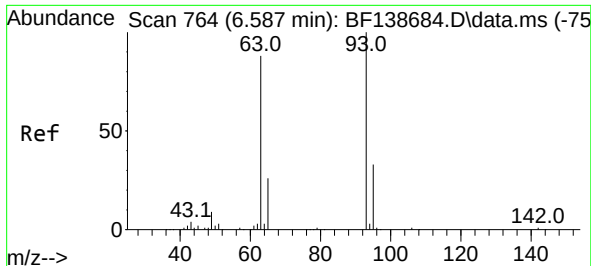
Ion Ratio Lower Upper

94 100

65 44.0 16.9 56.9

66 73.4 36.5 76.5

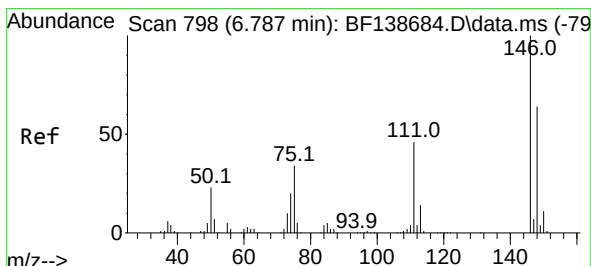
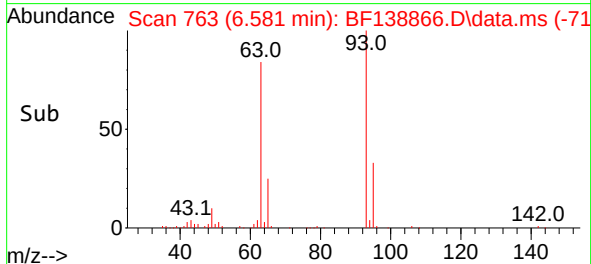
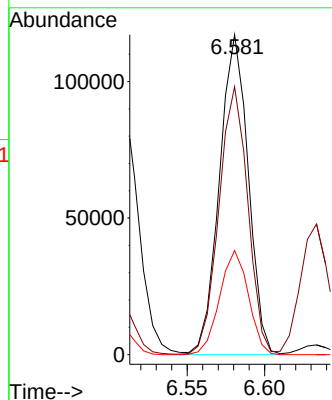
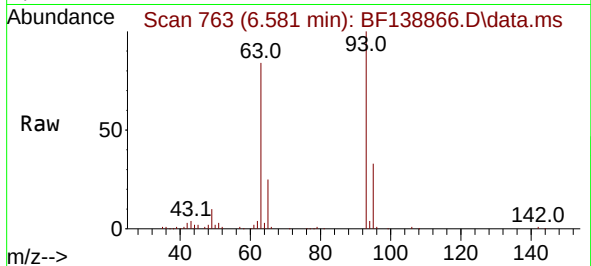




#11
bis(2-Chloroethyl)ether
Concen: 43.948 ng
RT: 6.581 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

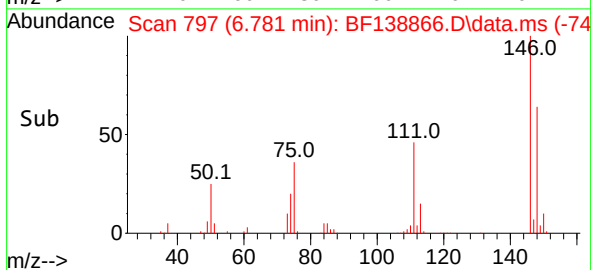
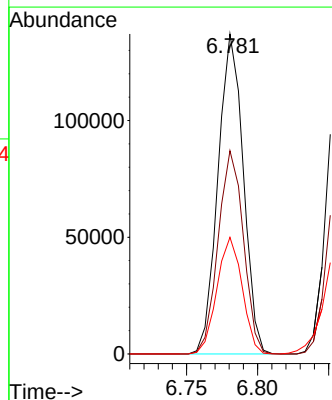
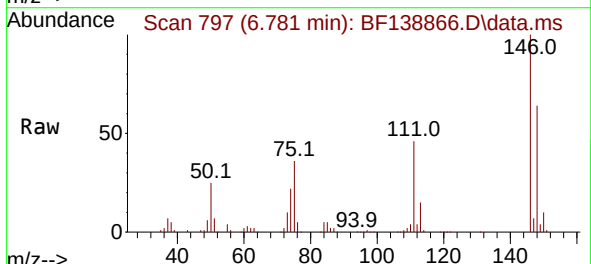
Instrument :
BNA_F
ClientSampleId :

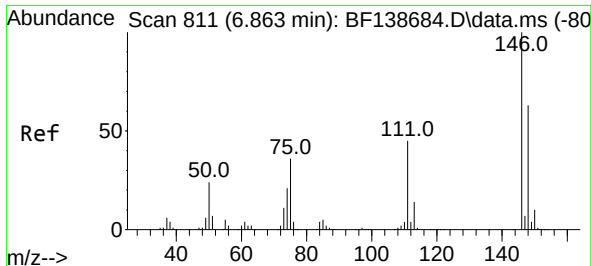
Tgt Ion: 93 Resp: 151657
Ion Ratio Lower Upper
93 100
63 83.8 65.3 105.3
95 32.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 45.418 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:146 Resp: 169683
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
75 36.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 46.198 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

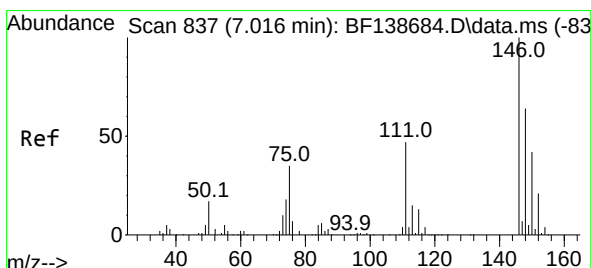
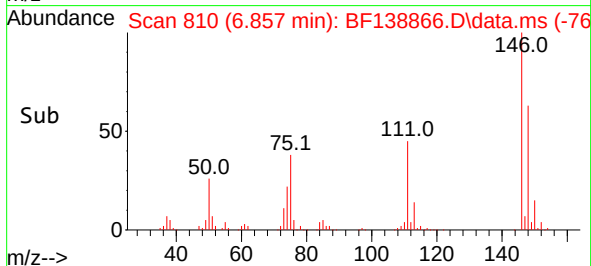
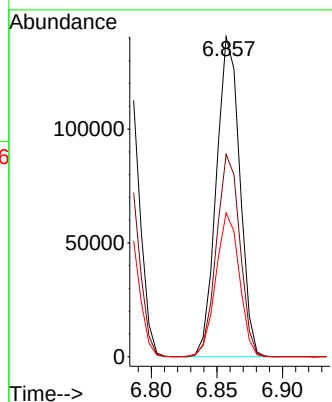
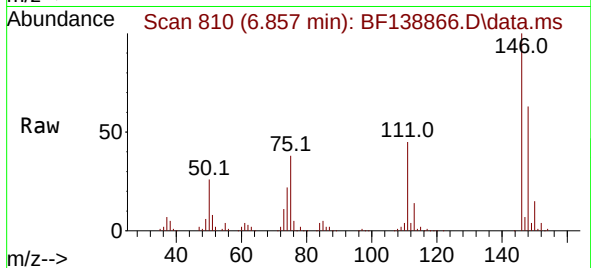
Tgt Ion:146 Resp: 174184

Ion Ratio Lower Upper

146 100

148 63.2 50.2 75.2

111 45.0 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 46.121 ng

RT: 7.010 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

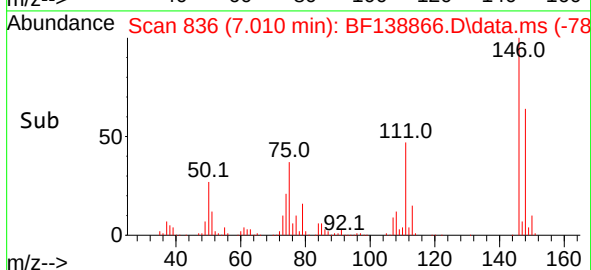
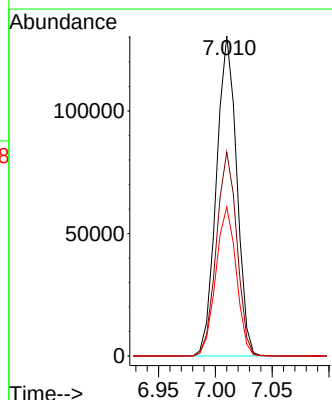
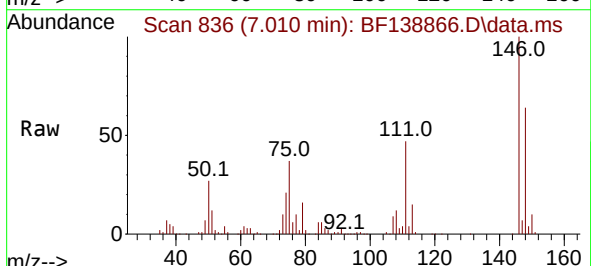
Tgt Ion:146 Resp: 162513

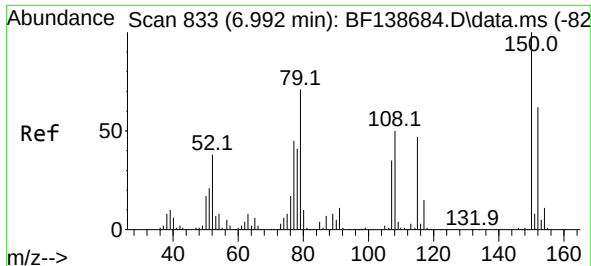
Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

111 46.5 37.4 56.2

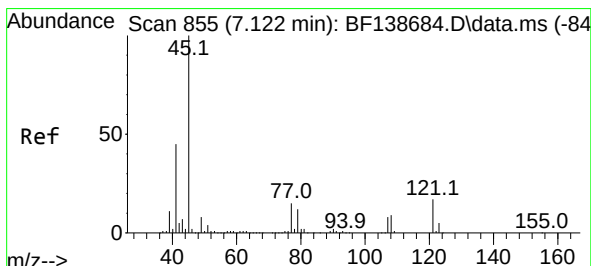
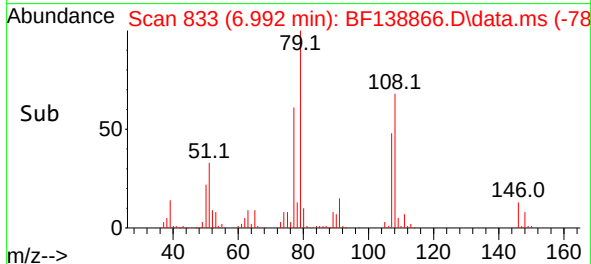
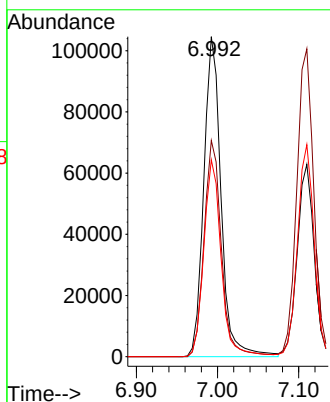
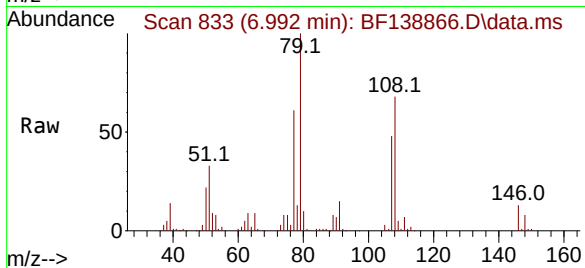




#15
Benzyl Alcohol
Concen: 50.333 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

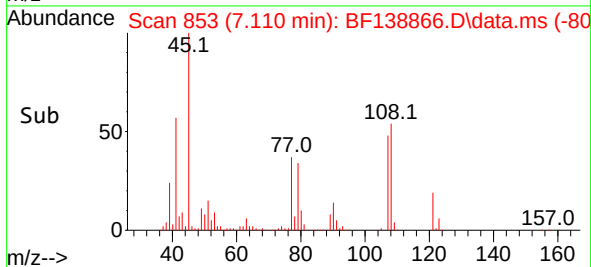
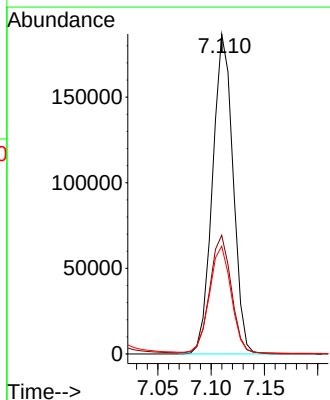
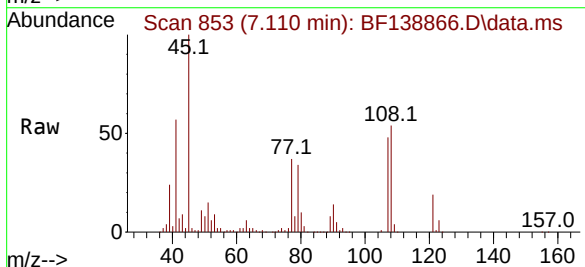
Instrument :
BNA_F
ClientSampleId :

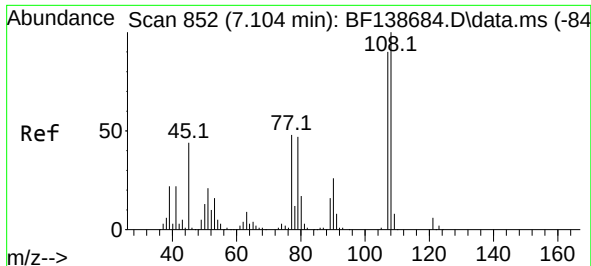
Tgt Ion: 79 Resp: 154508
Ion Ratio Lower Upper
79 100
108 67.5 56.6 85.0
77 61.5 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.062 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

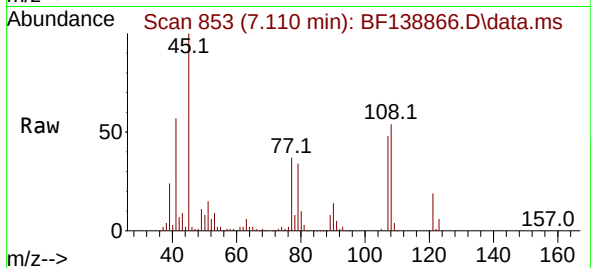
Tgt Ion: 45 Resp: 249795
Ion Ratio Lower Upper
45 100
77 37.1 0.0 34.9#
79 33.7 0.0 32.2#



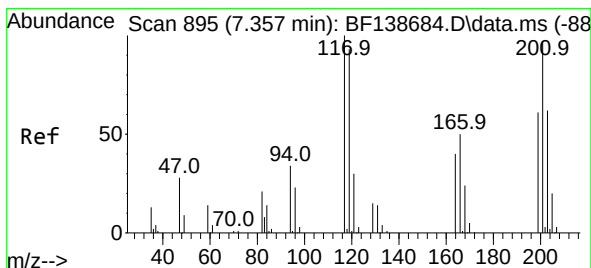
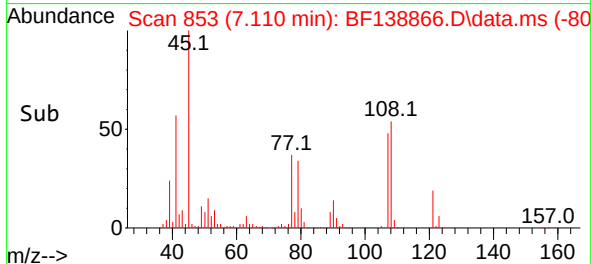
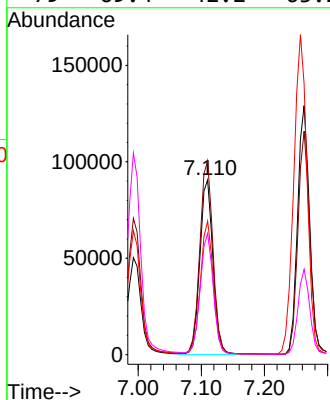


#17
2-Methylphenol
Concen: 47.711 ng
RT: 7.110 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :
BNA_F
ClientSampleId :

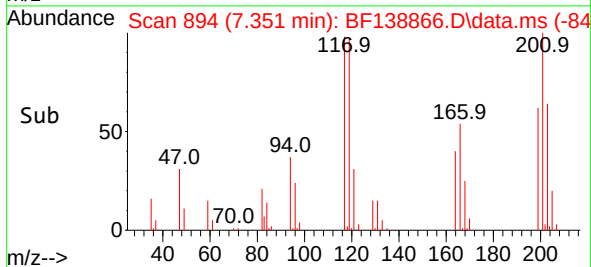
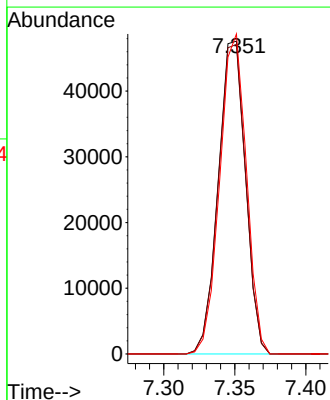
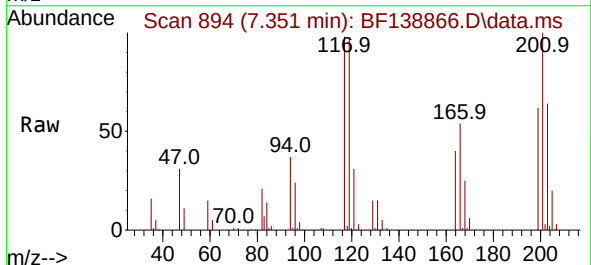


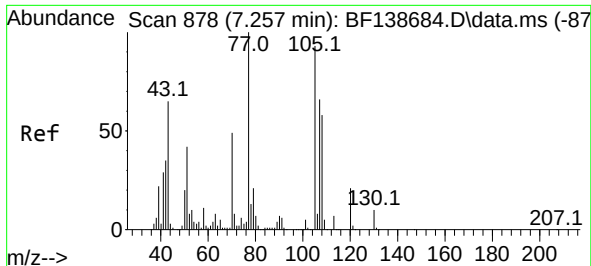
Tgt Ion:107 Resp: 131491
Ion Ratio Lower Upper
107 100
108 111.1 89.2 133.8
77 76.5 43.0 64.4#
79 69.4 42.2 63.2#



#18
Hexachloroethane
Concen: 44.844 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

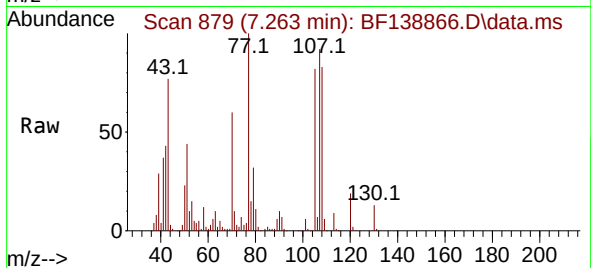
Tgt Ion:117 Resp: 63644
Ion Ratio Lower Upper
117 100
119 98.9 74.6 111.8
201 102.3 77.2 115.8



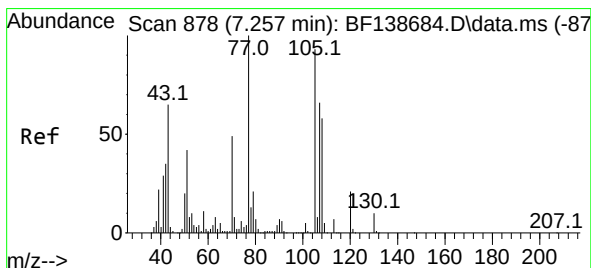
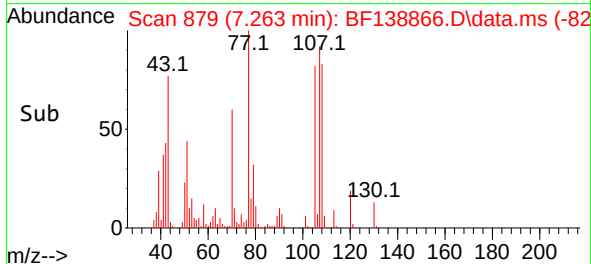
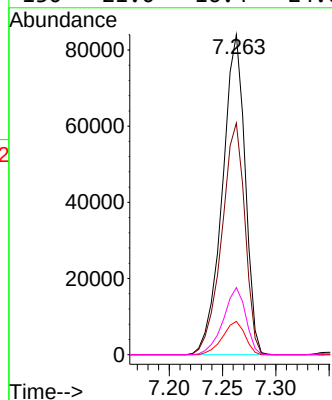


#19
n-Nitroso-di-n-propylamine
Concen: 48.435 ng
RT: 7.263 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :
BNA_F
ClientSampleId :

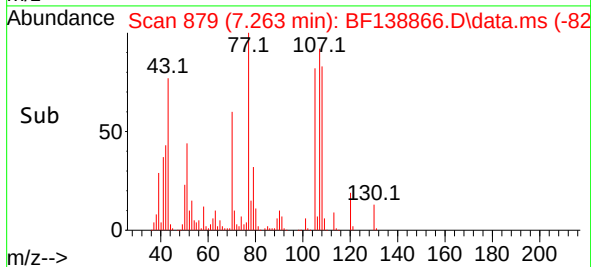
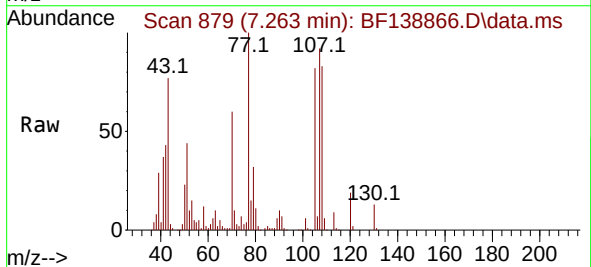
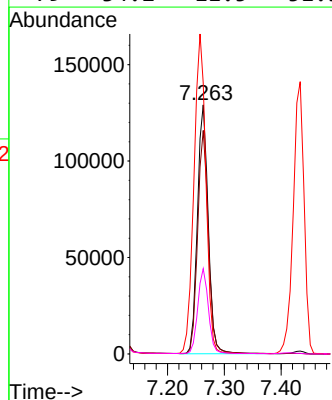


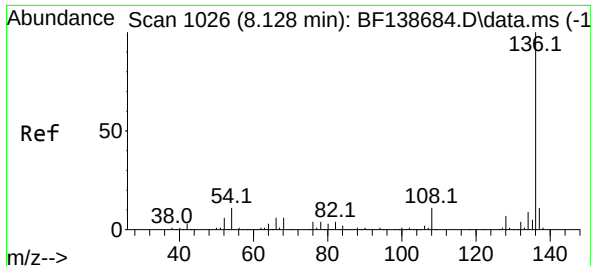
Tgt Ion:	70	Resp:	124596
Ion	Ratio	Lower	Upper
70	100		
42	72.4	57.4	86.0
101	10.4	7.5	11.3
130	21.0	16.4	24.6



#20
3+4-Methylphenols
Concen: 48.637 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

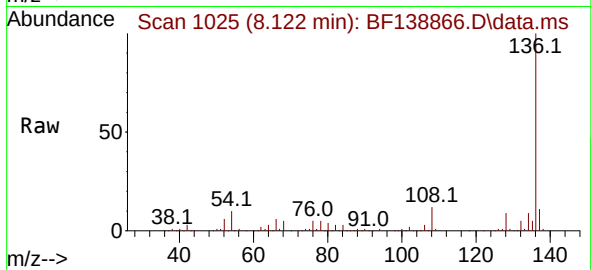
Tgt Ion:	107	Resp:	171985
Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.2	108.2
77	108.6	132.1	172.1#
79	34.2	11.5	51.5



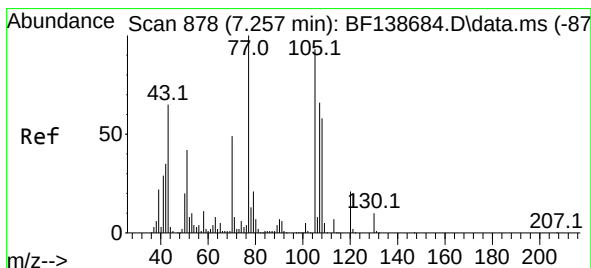
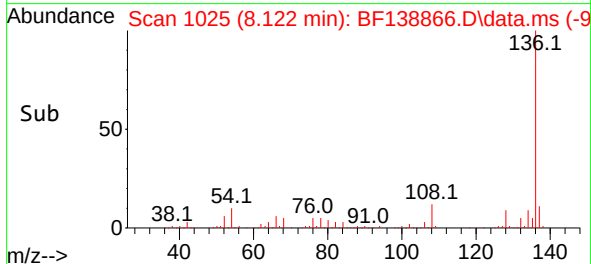
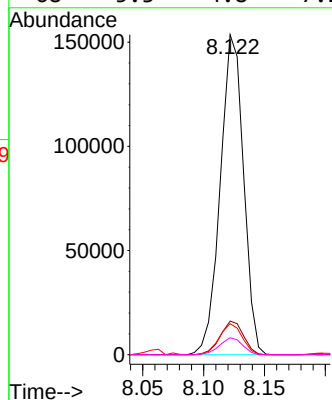


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :
BNA_F
ClientSampleId :

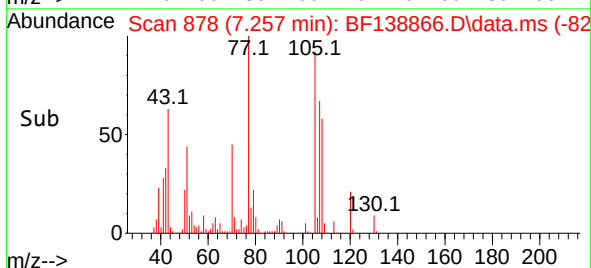
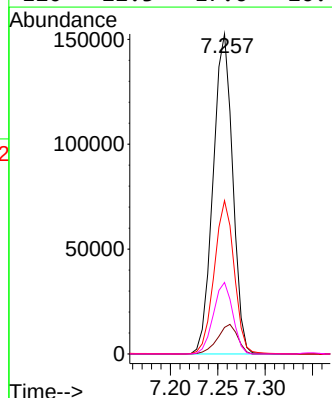
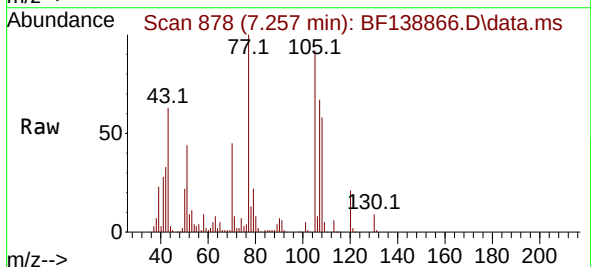


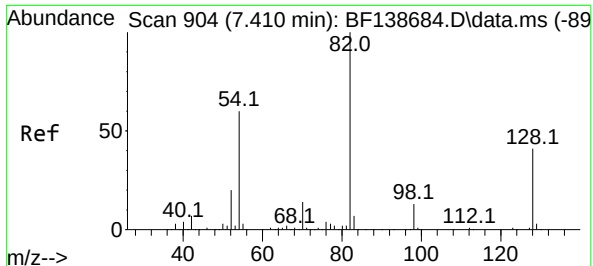
Tgt Ion:136 Resp: 204092
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 9.7 8.6 12.8
68 5.3 4.8 7.2



#22
Acetophenone
Concen: 43.929 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:105 Resp: 219521
Ion Ratio Lower Upper
105 100
71 8.3 7.2 10.8
51 47.9 35.9 53.9
120 22.3 17.6 26.4





#23

Nitrobenzene-d5

Concen: 85.446 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

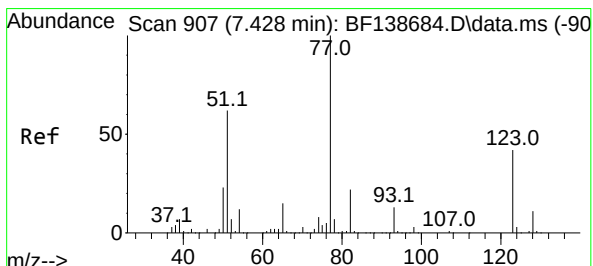
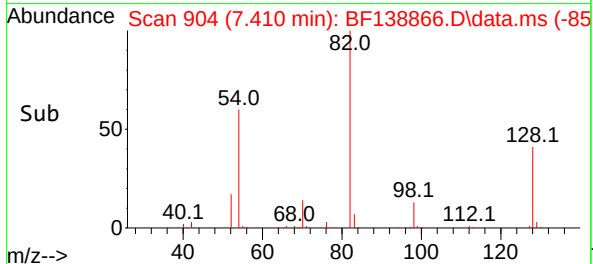
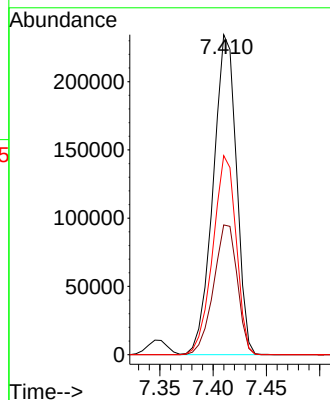
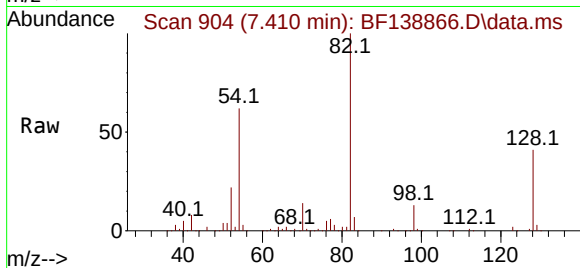
Tgt Ion: 82 Resp: 356687

Ion Ratio Lower Upper

82 100

128 40.5 32.8 49.2

54 62.2 48.3 72.5



#24

Nitrobenzene

Concen: 43.953 ng

RT: 7.433 min Scan# 908

Delta R.T. 0.006 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

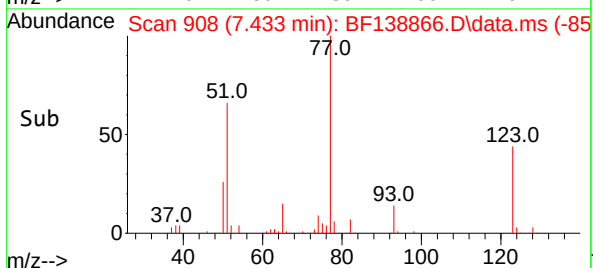
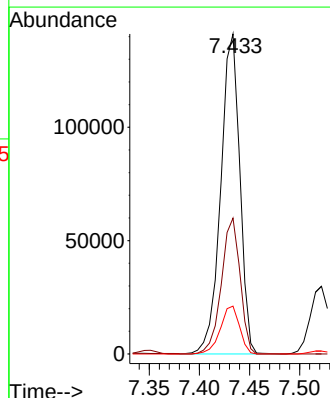
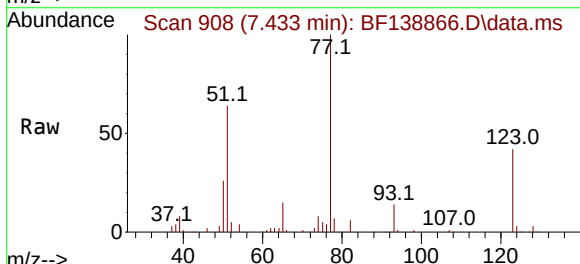
Tgt Ion: 77 Resp: 186701

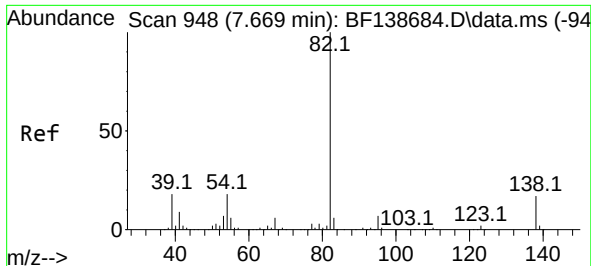
Ion Ratio Lower Upper

77 100

123 42.5 33.3 49.9

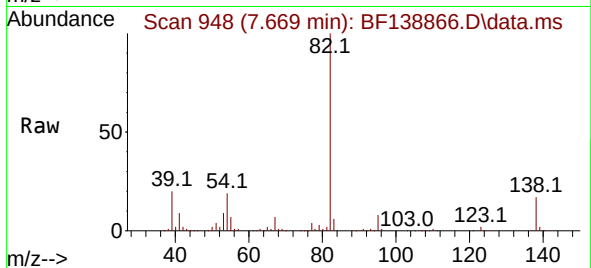
65 14.9 11.9 17.9



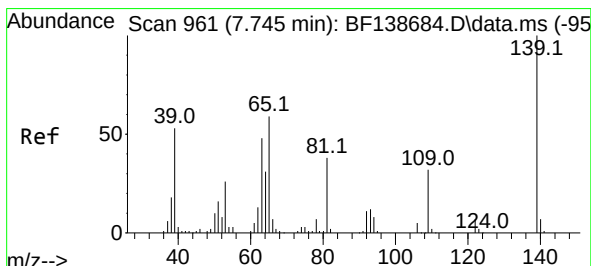
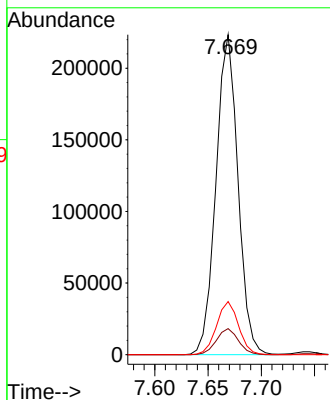
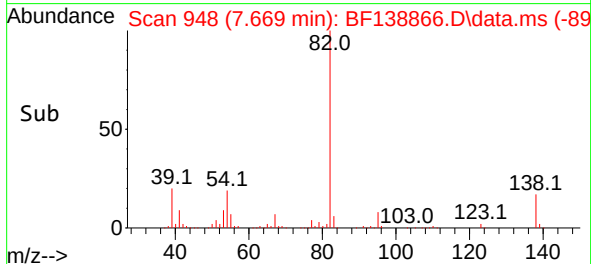


#25
Isophorone
Concen: 44.938 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :
BNA_F
ClientSampleId :

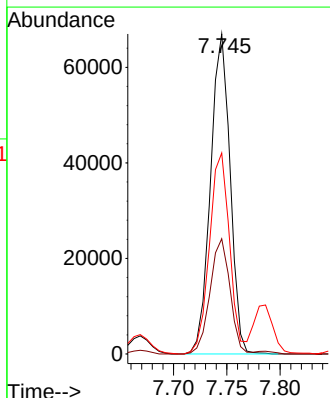
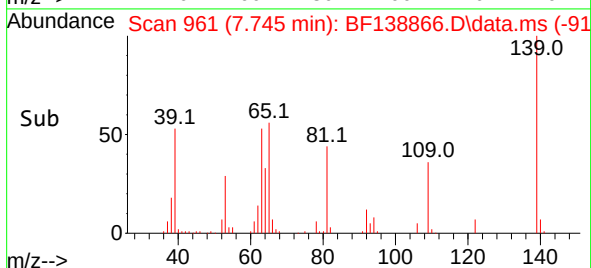
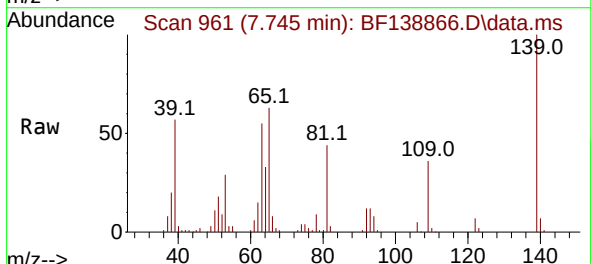


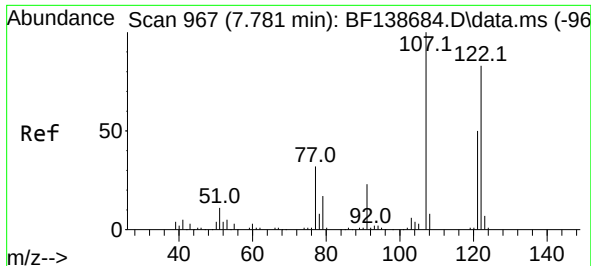
Tgt Ion: 82 Resp: 320318
Ion Ratio Lower Upper
82 100
95 8.1 5.7 8.5
138 16.6 13.7 20.5



#26
2-Nitrophenol
Concen: 46.800 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:139 Resp: 85527
Ion Ratio Lower Upper
139 100
109 36.0 25.9 38.9
65 62.8 47.0 70.6

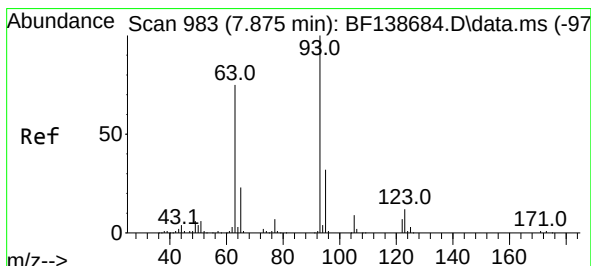
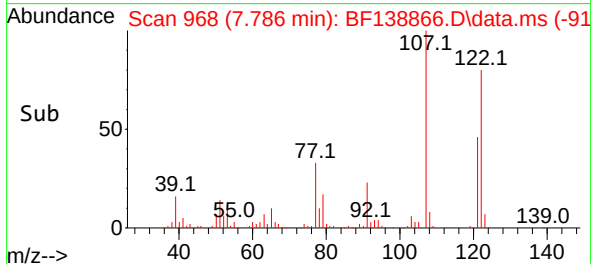
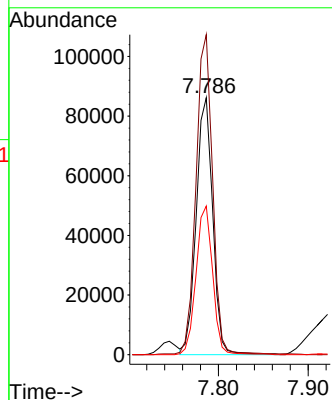
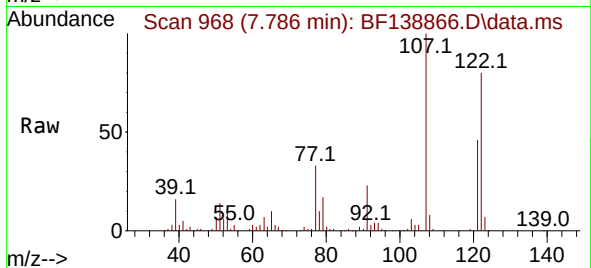




#27
2,4-Dimethylphenol
Concen: 50.415 ng
RT: 7.786 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

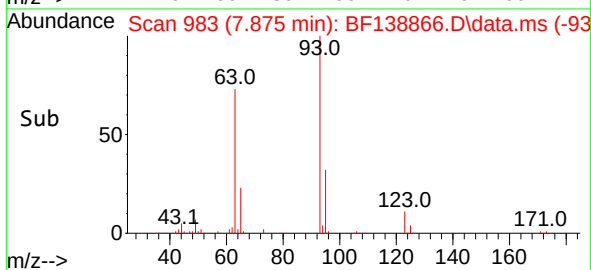
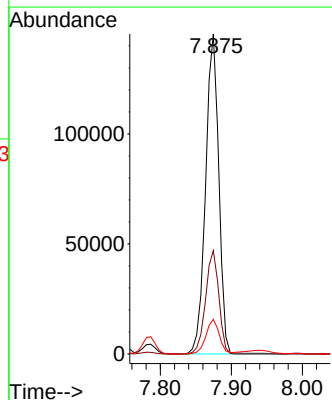
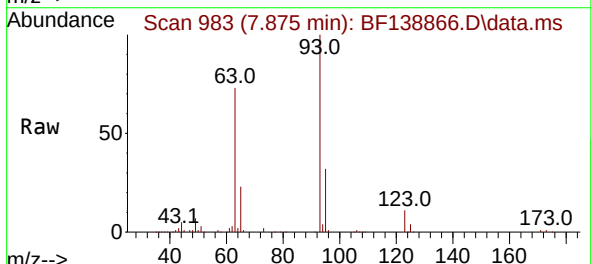
Instrument :
BNA_F
ClientSampleId :

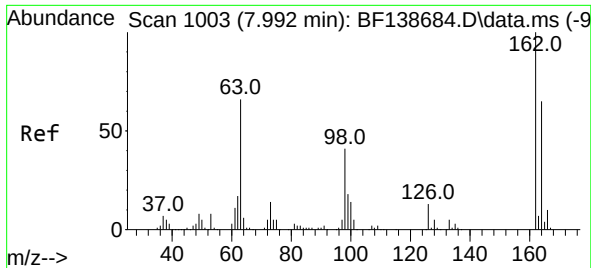
Tgt Ion:122 Resp: 110235
Ion Ratio Lower Upper
122 100
107 124.5 95.0 142.6
121 57.9 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 43.359 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion: 93 Resp: 188208
Ion Ratio Lower Upper
93 100
95 32.3 25.8 38.8
123 10.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.397 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.000 min

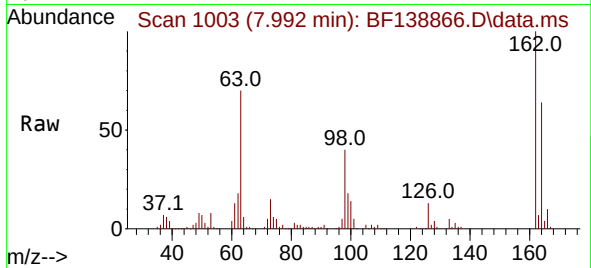
Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :



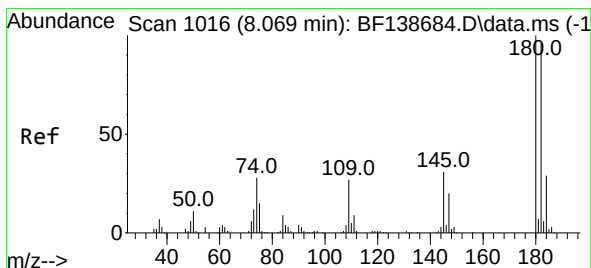
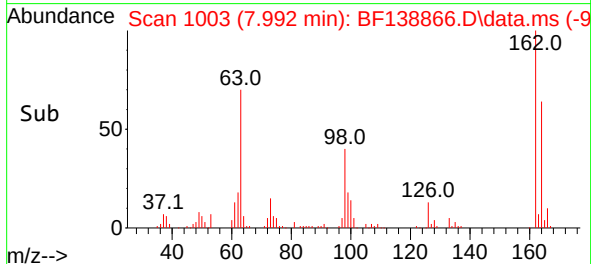
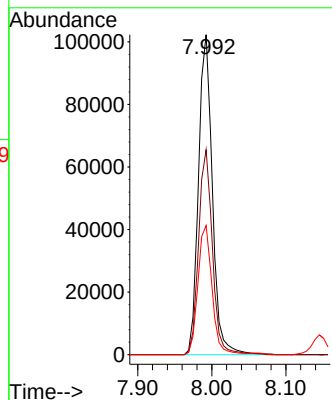
Tgt Ion:162 Resp: 133171

Ion Ratio Lower Upper

162 100

164 64.1 44.7 84.7

98 40.4 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 44.701 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

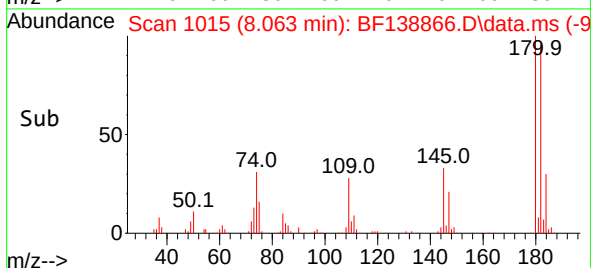
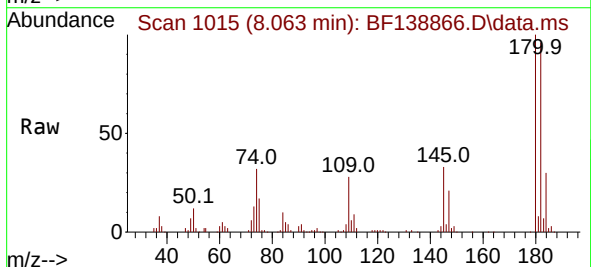
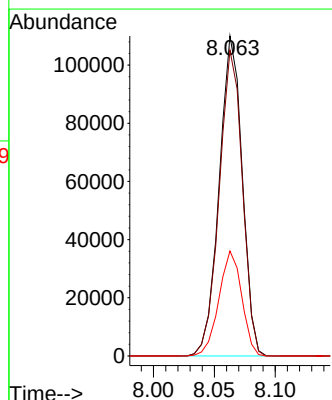
Tgt Ion:180 Resp: 144942

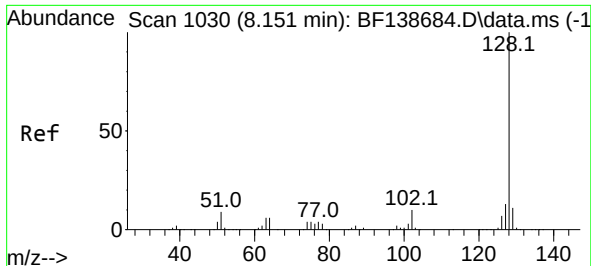
Ion Ratio Lower Upper

180 100

182 95.5 76.9 115.3

145 32.8 25.0 37.4

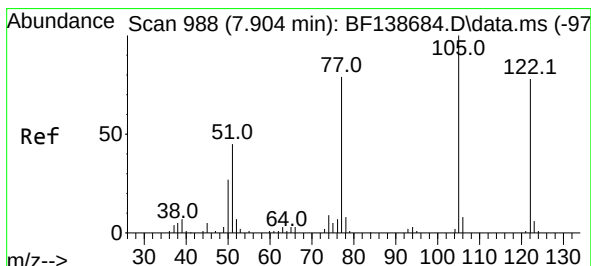
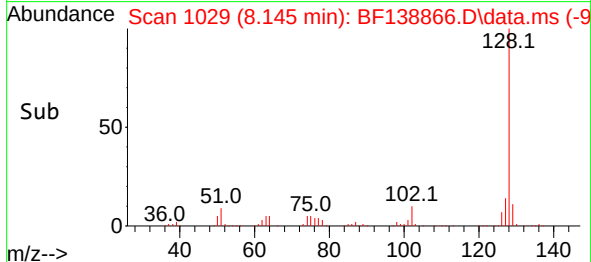
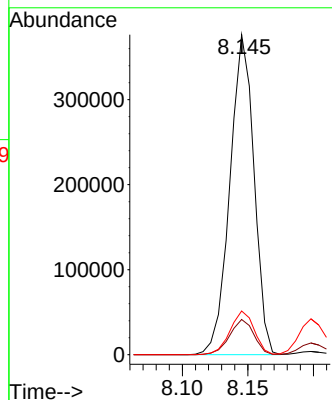
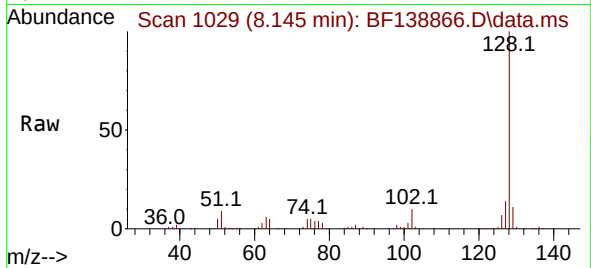




#31
Naphthalene
Concen: 44.911 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

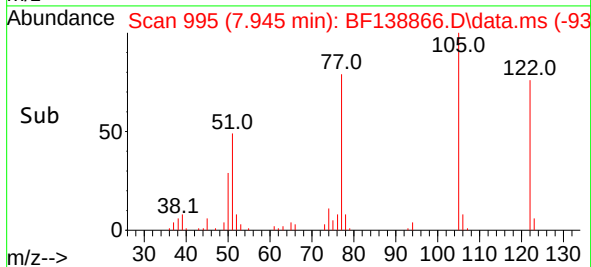
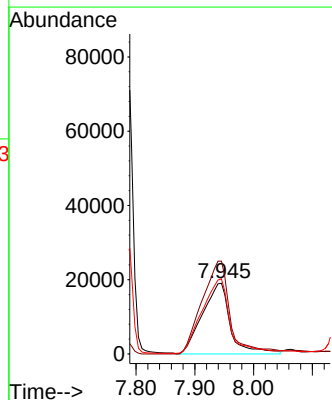
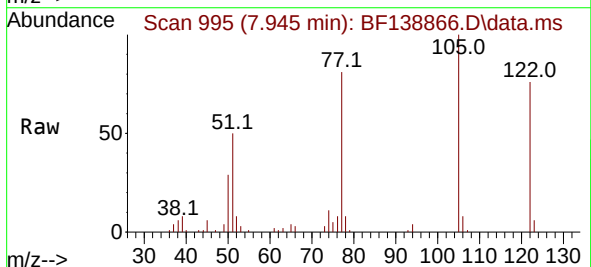
Instrument :
BNA_F
ClientSampleId :

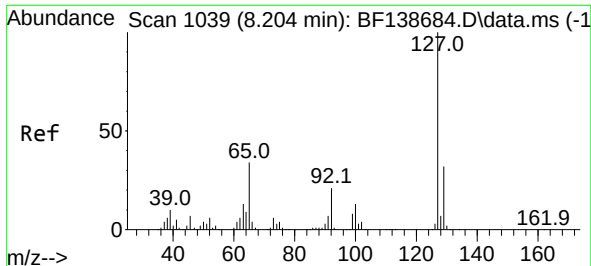
Tgt Ion:128 Resp: 482471
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.6 10.6 16.0



#32
Benzoic acid
Concen: 36.578 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.041 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:122 Resp: 62871
Ion Ratio Lower Upper
122 100
105 131.1 106.7 146.7
77 106.0 81.1 121.1

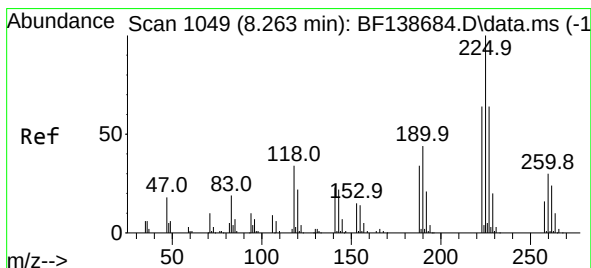
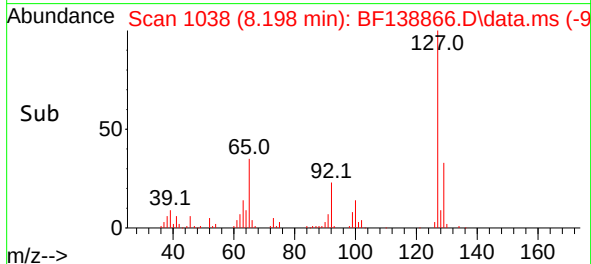
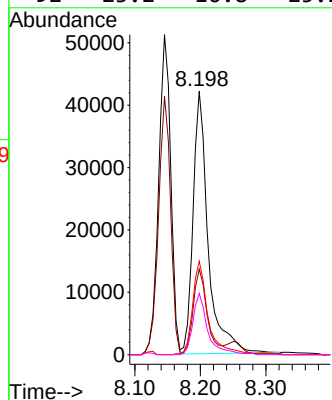
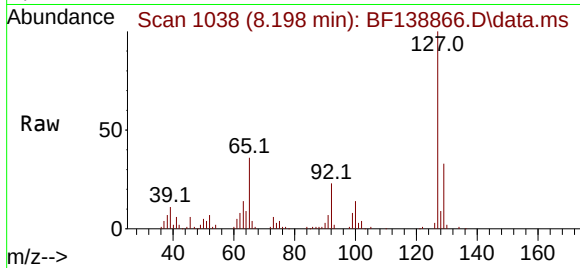




#33
4-Chloroaniline
Concen: 18.664 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

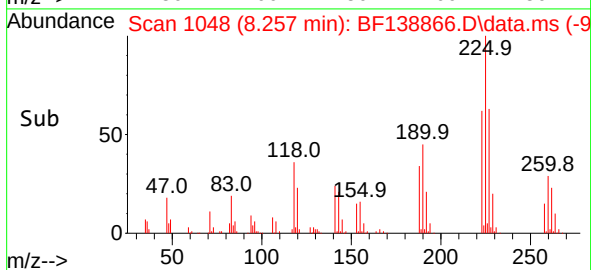
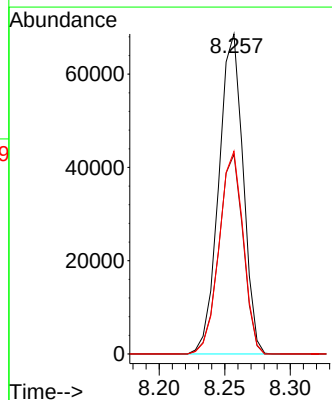
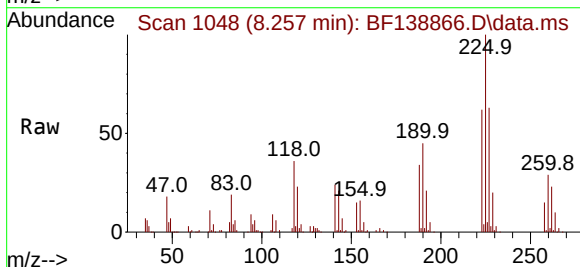
Instrument :
BNA_F
ClientSampleId :

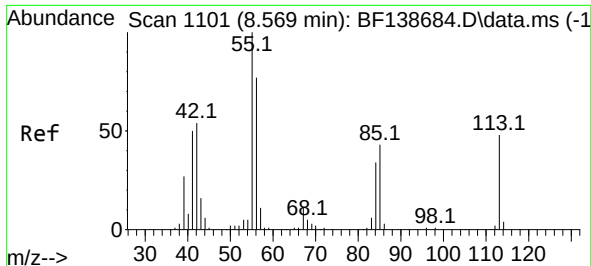
Tgt Ion:	127	Resp:	67303
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.9	38.9
65	35.6	27.6	41.4
92	23.2	16.8	25.2



#34
Hexachlorobutadiene
Concen: 45.013 ng
RT: 8.257 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:	225	Resp:	88404
Ion Ratio	Lower	Upper	
225	100		
223	62.3	51.2	76.8
227	63.3	51.1	76.7

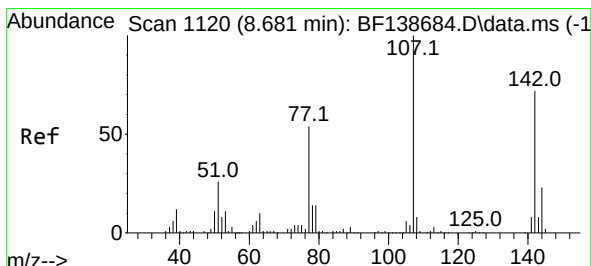
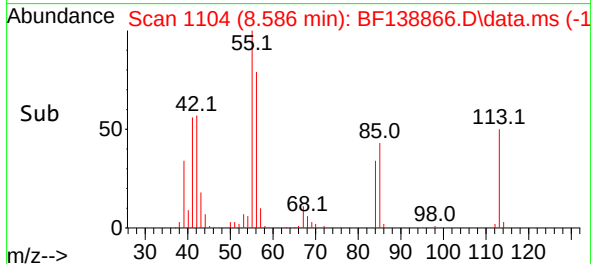
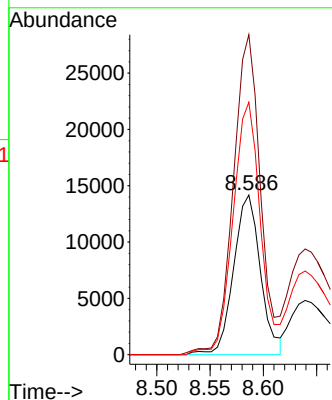
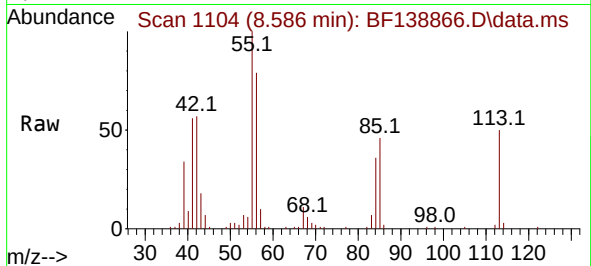




#35
Caprolactam
Concen: 29.681 ng
RT: 8.586 min Scan# 1104
Delta R.T. 0.018 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

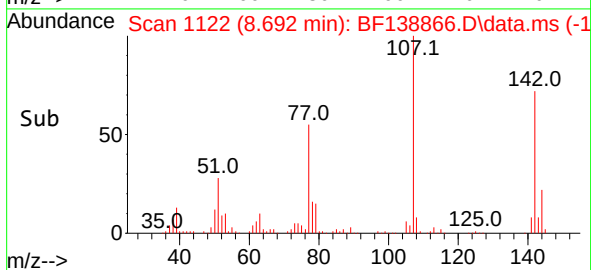
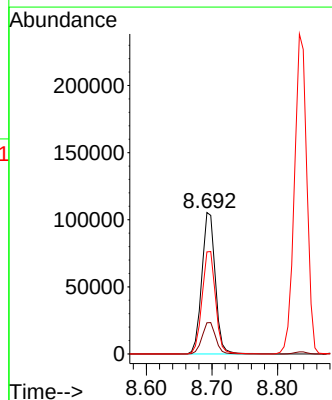
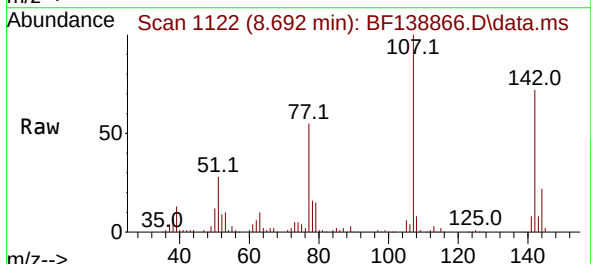
Instrument :
BNA_F
ClientSampleId :

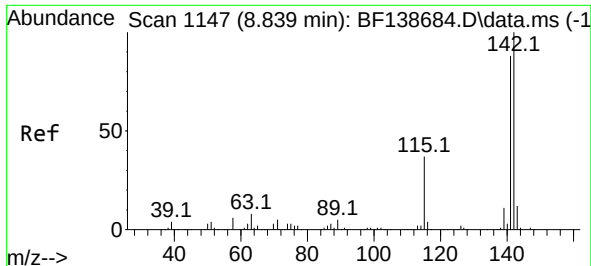
Tgt Ion:113 Resp: 24884
Ion Ratio Lower Upper
113 100
55 200.4 186.7 226.7
56 158.1 138.9 178.9



#36
4-Chloro-3-methylphenol
Concen: 47.044 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:107 Resp: 151061
Ion Ratio Lower Upper
107 100
144 22.0 18.2 27.2
142 72.1 57.4 86.2





#37

2-Methylnaphthalene

Concen: 46.041 ng

RT: 8.833 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

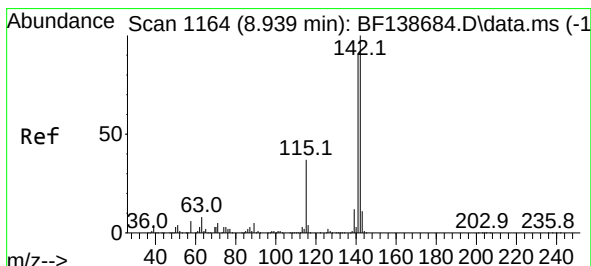
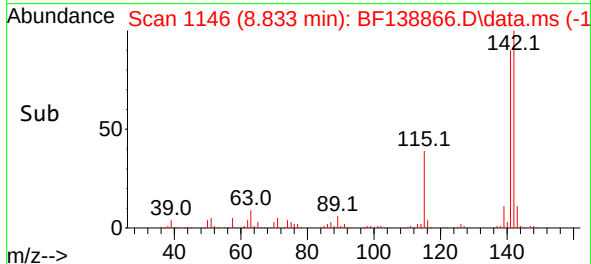
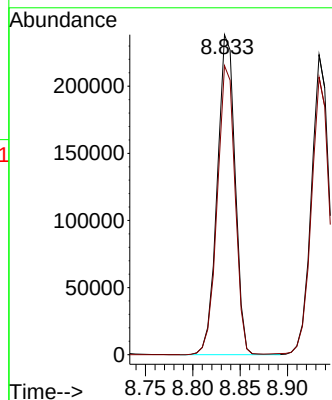
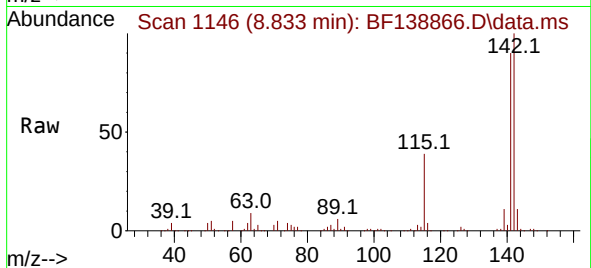
ClientSampleId :

Tgt Ion:142 Resp: 312370

Ion Ratio Lower Upper

142 100

141 90.3 70.8 106.2



#38

1-Methylnaphthalene

Concen: 43.061 ng

RT: 8.933 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138866.D

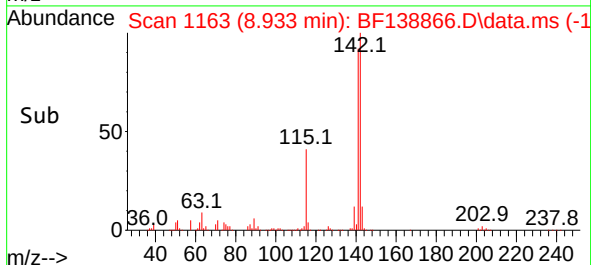
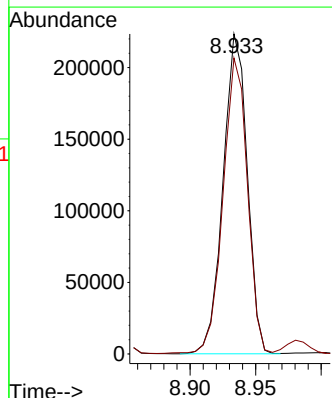
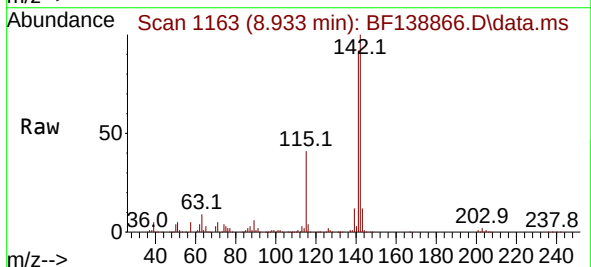
Acq: 08 Aug 2024 15:22

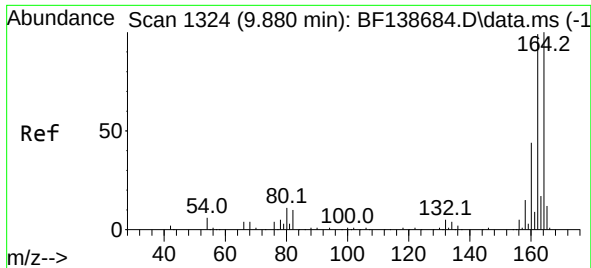
Tgt Ion:142 Resp: 286286

Ion Ratio Lower Upper

142 100

141 92.5 73.1 109.7

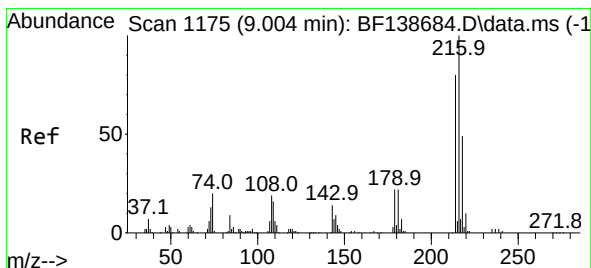
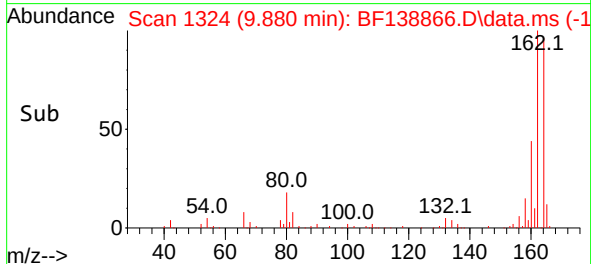
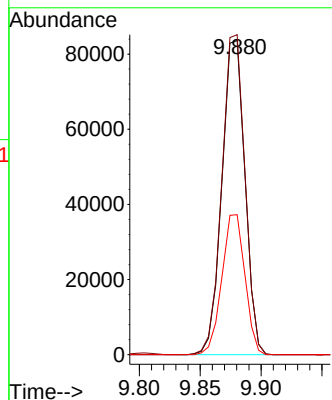
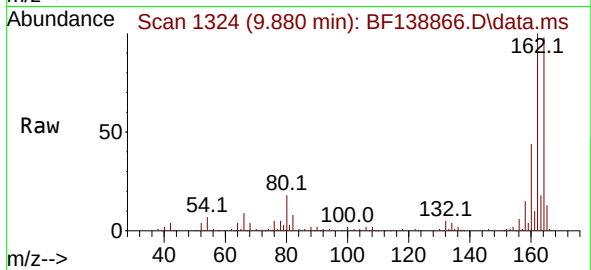




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 11072
Delta R.T. 0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

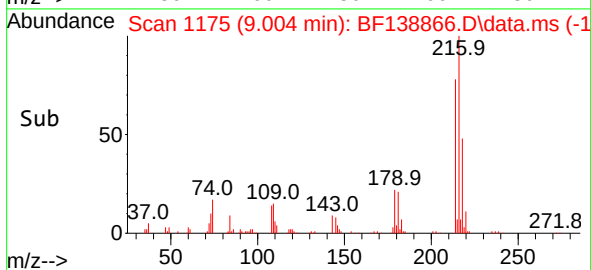
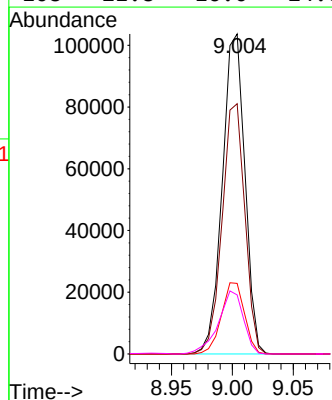
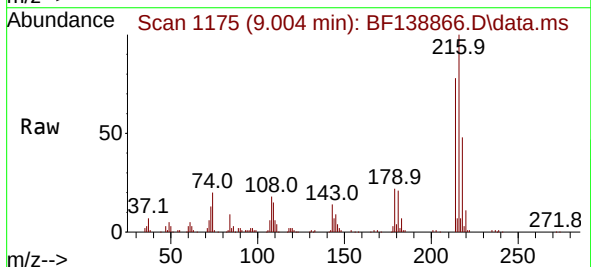
Instrument :
BNA_F
ClientSampleId :

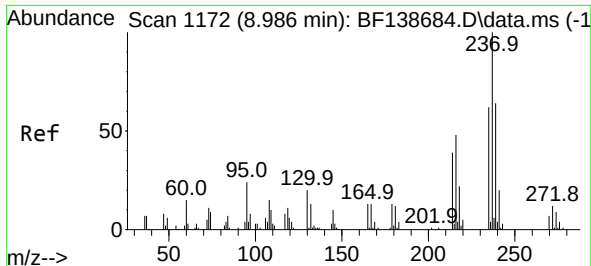
Tgt Ion:164 Resp: 110072
Ion Ratio Lower Upper
164 100
162 101.9 79.4 119.0
160 44.6 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.777 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

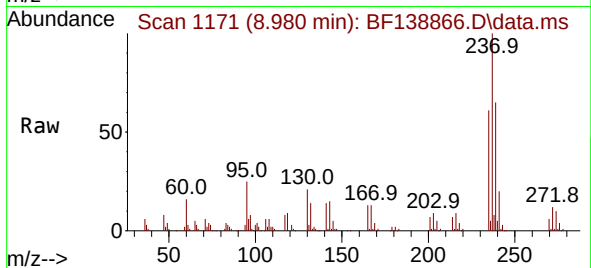
Tgt Ion:216 Resp: 133856
Ion Ratio Lower Upper
216 100
214 78.6 63.9 95.9
179 22.7 17.8 26.6
108 21.8 16.0 24.0



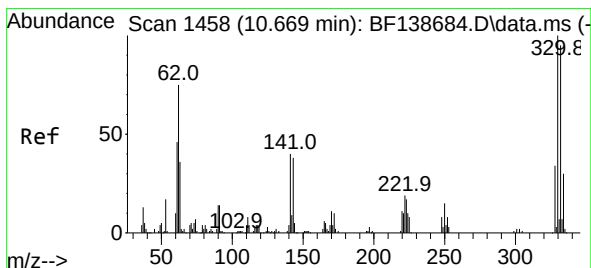
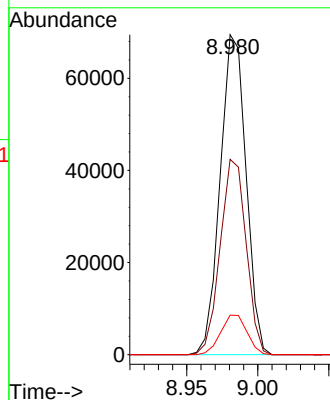
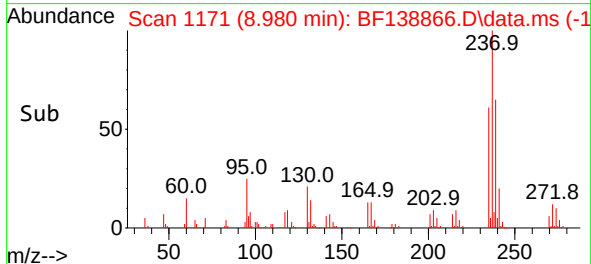


#41
Hexachlorocyclopentadiene
Concen: 106.404 ng
RT: 8.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

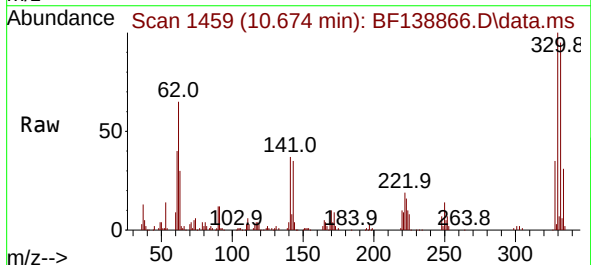
Instrument :
BNA_F
ClientSampleId :



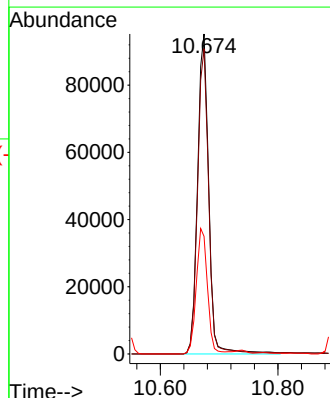
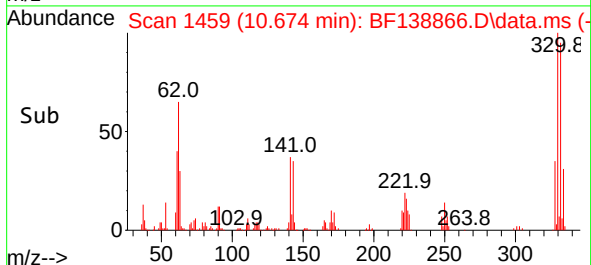
Tgt Ion:237 Resp: 88153
Ion Ratio Lower Upper
237 100
235 61.1 41.8 81.8
272 12.4 0.0 32.2

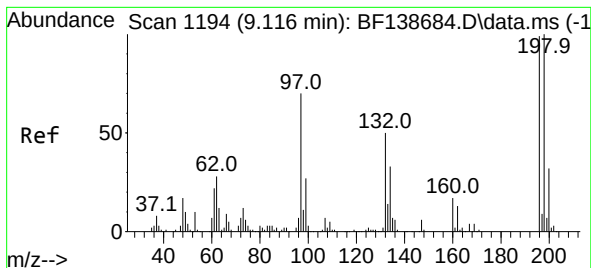


#42
2,4,6-Tribromophenol
Concen: 139.739 ng
RT: 10.674 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22



Tgt Ion:330 Resp: 125994
Ion Ratio Lower Upper
330 100
332 95.6 76.4 114.6
141 39.0 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 45.119 ng

RT: 9.122 min Scan# 1194

Delta R.T. 0.006 min

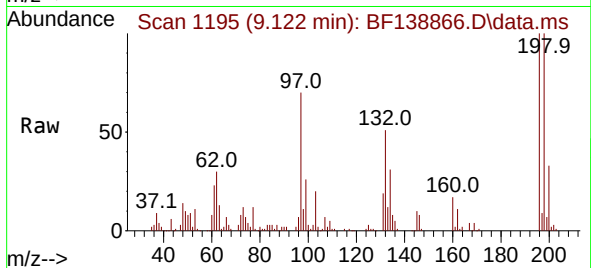
Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :



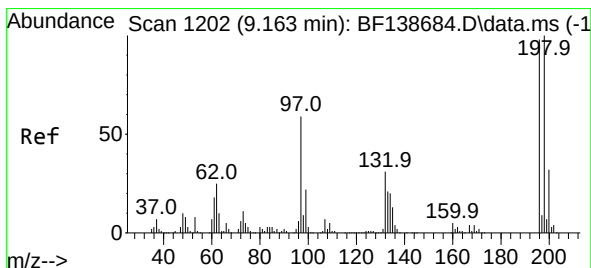
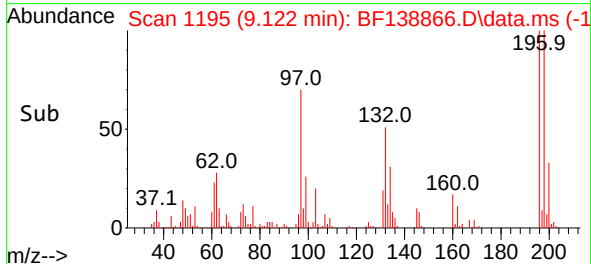
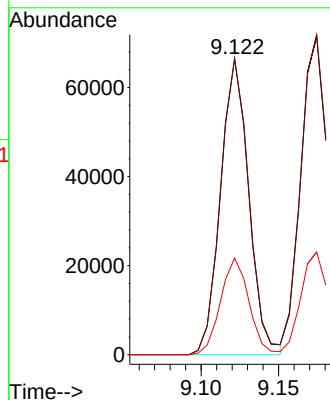
Tgt Ion:196 Resp: 84116

Ion Ratio Lower Upper

196 100

198 100.0 80.5 120.7

200 32.6 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 45.575 ng

RT: 9.175 min Scan# 1204

Delta R.T. 0.012 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Tgt Ion:196 Resp: 92884

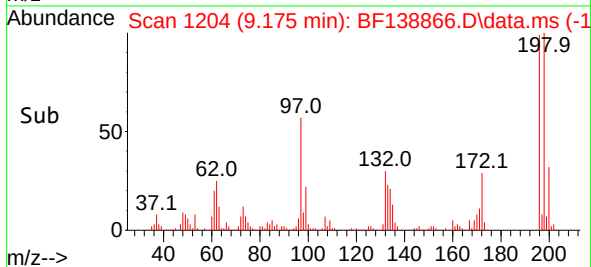
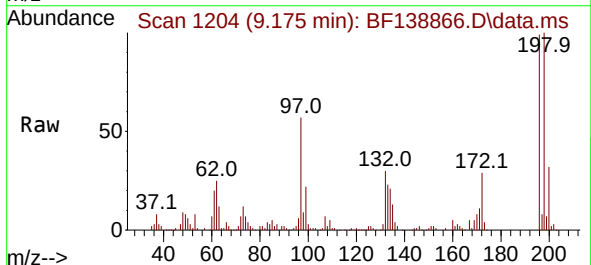
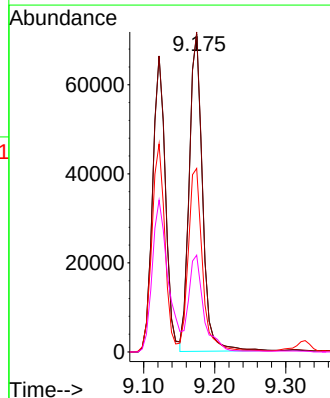
Ion Ratio Lower Upper

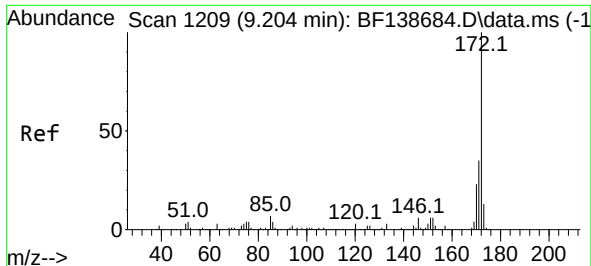
196 100

198 100.7 81.2 121.8

97 57.7 47.8 71.6

132 30.4 25.3 37.9

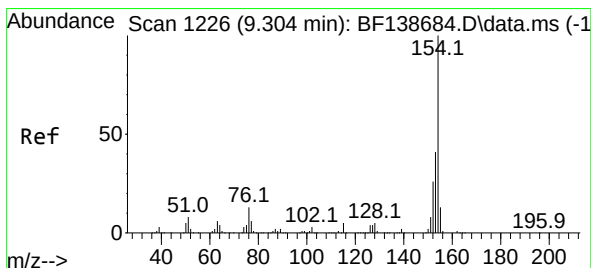
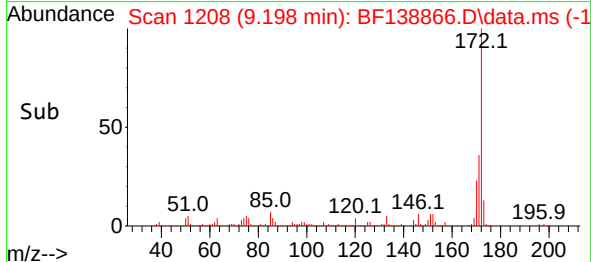
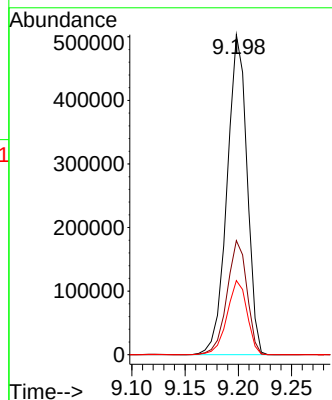
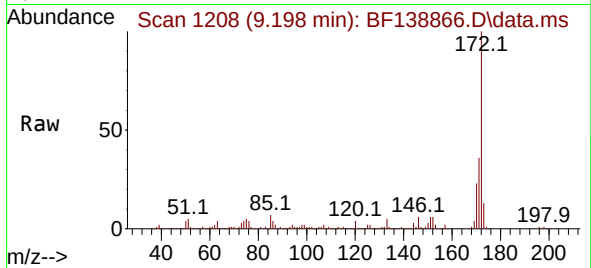




#45
2-Fluorobiphenyl
Concen: 89.601 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

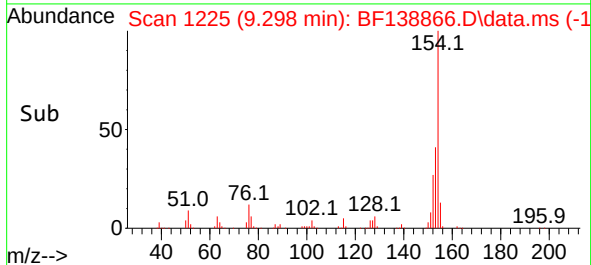
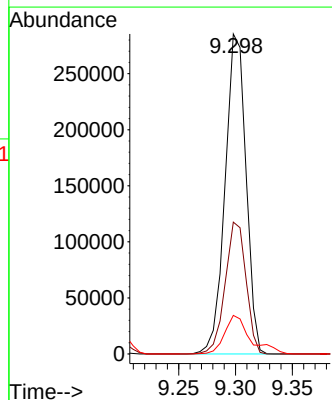
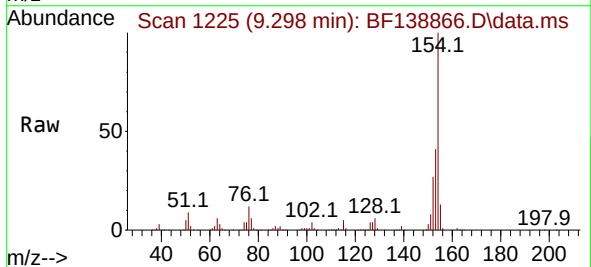
Instrument :
BNA_F
ClientSampleId :

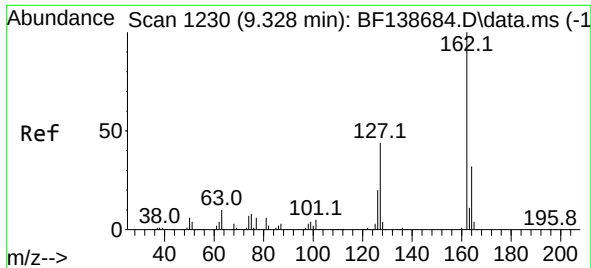
Tgt Ion:172 Resp: 656413
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.1 18.8 28.2



#46
1,1'-Biphenyl
Concen: 42.403 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

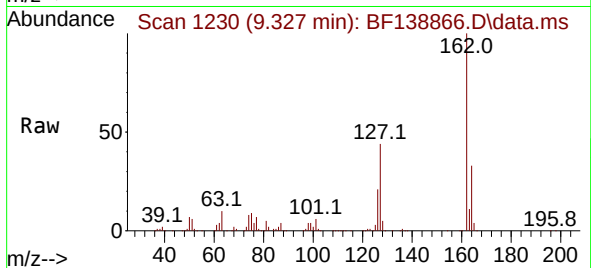
Tgt Ion:154 Resp: 365546
Ion Ratio Lower Upper
154 100
153 41.2 20.8 60.8
76 12.0 0.0 32.8



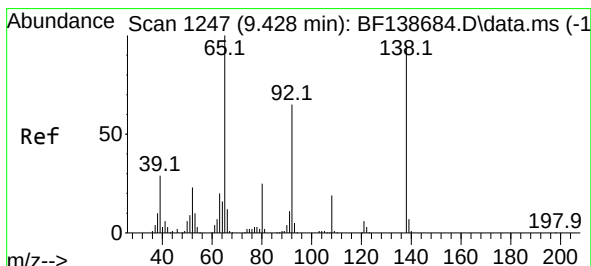
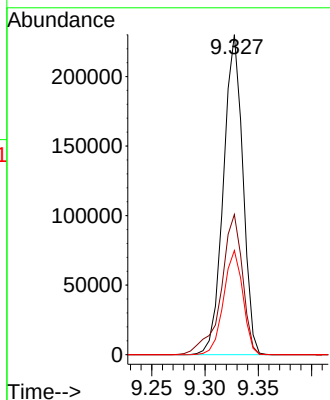
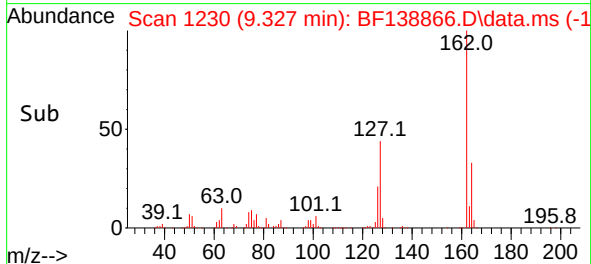


#47
2-Chloronaphthalene
Concen: 45.451 ng
RT: 9.327 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

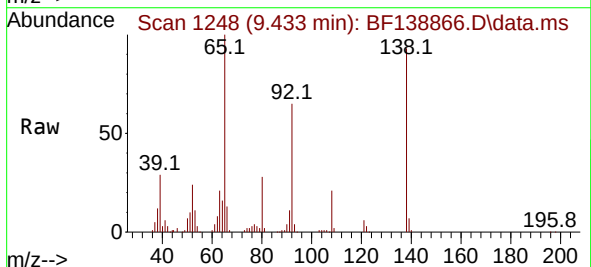
Instrument :
BNA_F
ClientSampleId :



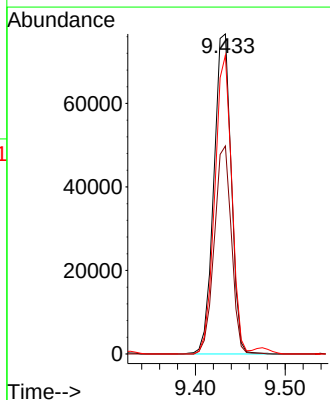
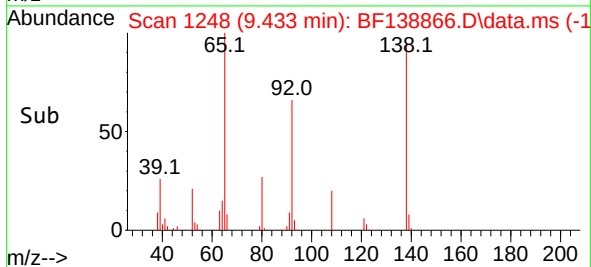
Tgt Ion:162 Resp: 291405
Ion Ratio Lower Upper
162 100
127 43.8 35.4 53.2
164 32.6 25.6 38.4

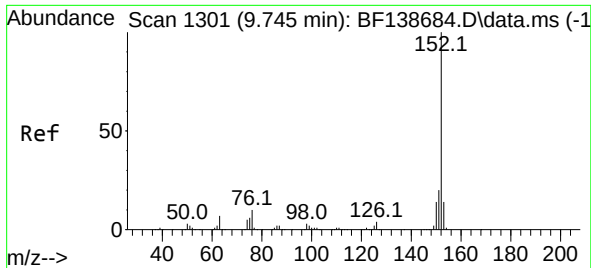


#48
2-Nitroaniline
Concen: 47.481 ng
RT: 9.433 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22



Tgt Ion: 65 Resp: 103203
Ion Ratio Lower Upper
65 100
92 65.0 52.0 78.0
138 93.4 76.2 114.4

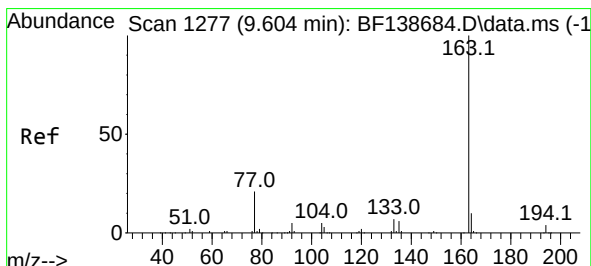
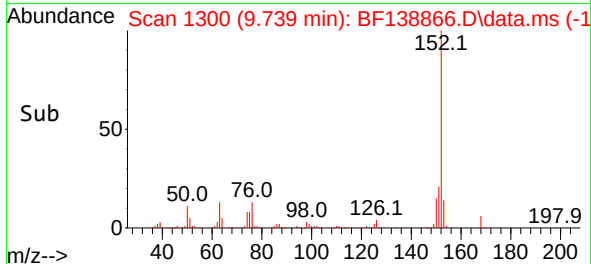
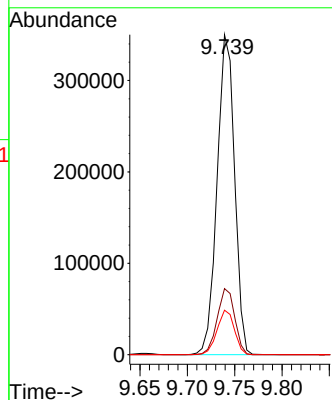
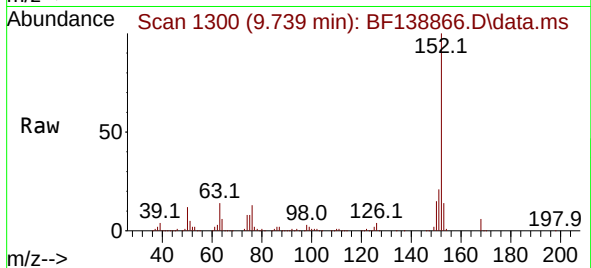




#49
Acenaphthylene
Concen: 49.428 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

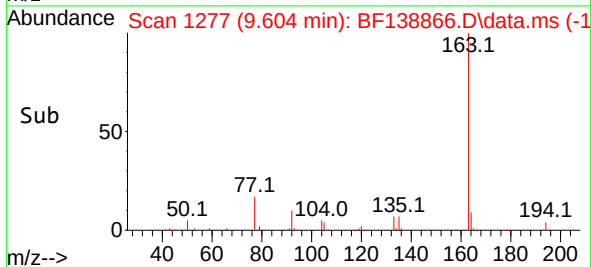
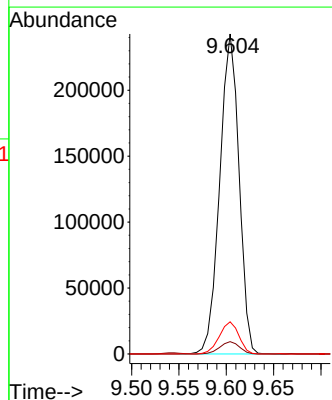
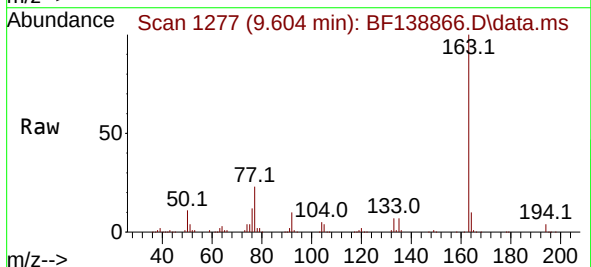
Instrument :
BNA_F
ClientSampleId :

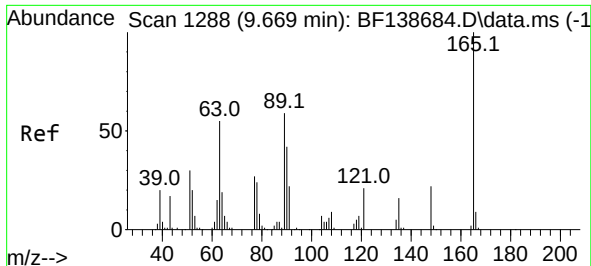
Tgt Ion:152 Resp: 449469
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 13.9 11.0 16.4



#50
Dimethylphthalate
Concen: 48.864 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:163 Resp: 343910
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.1 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 46.080 ng

RT: 9.675 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

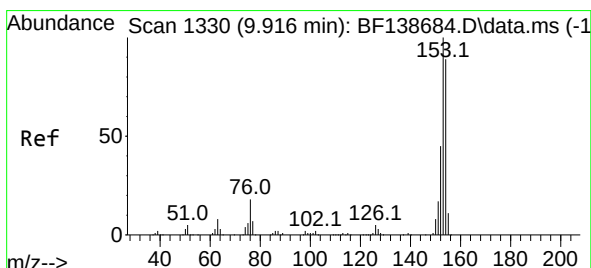
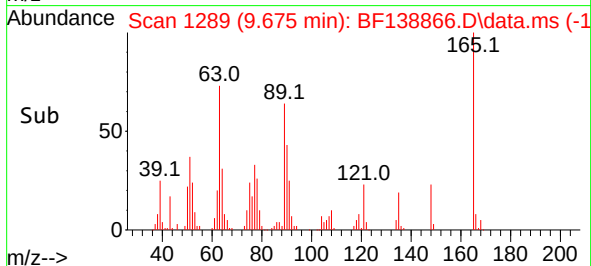
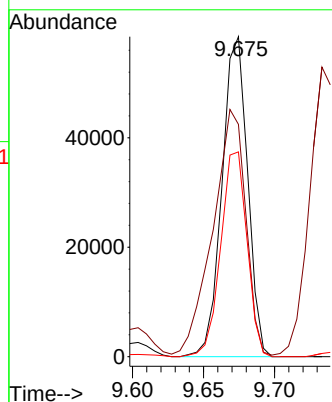
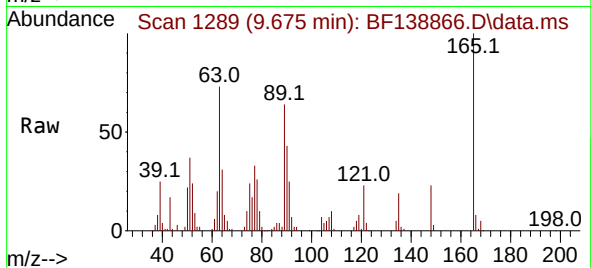
Tgt Ion:165 Resp: 73193

Ion Ratio Lower Upper

165 100

63 72.6 52.0 78.0

89 64.0 47.0 70.6



#52

Acenaphthene

Concen: 45.323 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

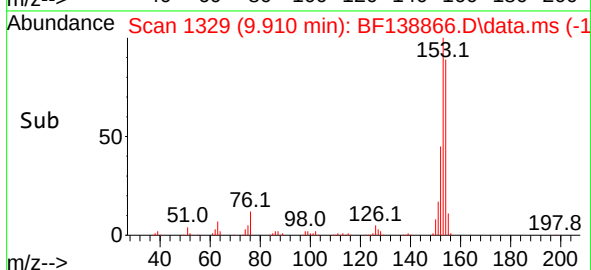
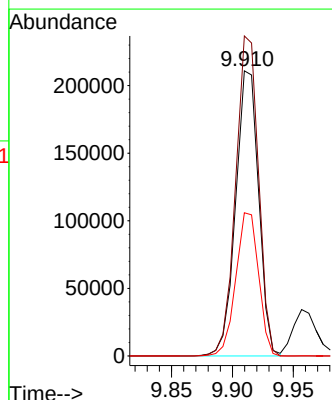
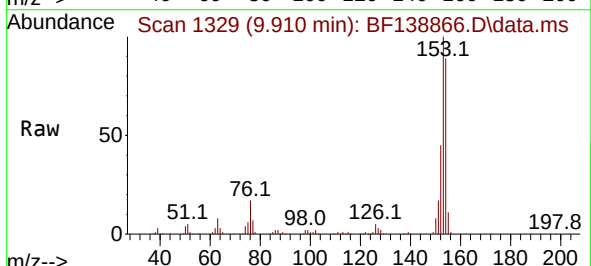
Tgt Ion:154 Resp: 277044

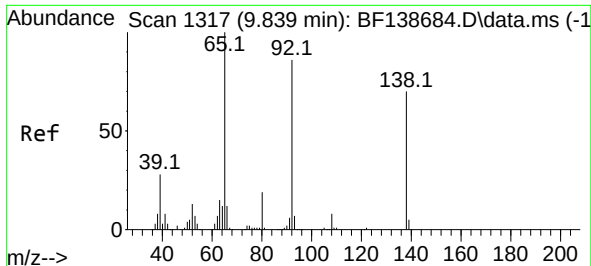
Ion Ratio Lower Upper

154 100

153 112.2 89.9 134.9

152 50.2 40.6 60.8

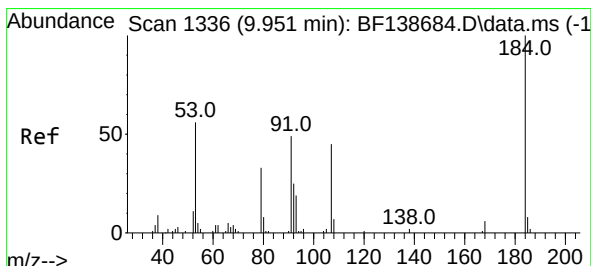
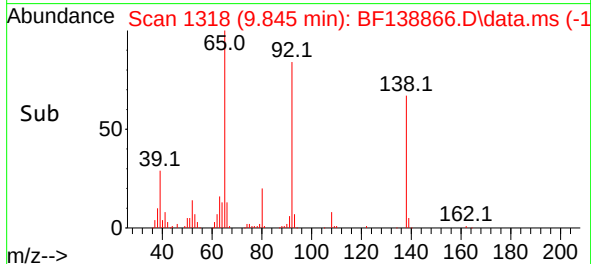
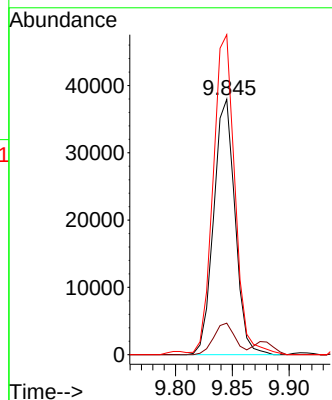
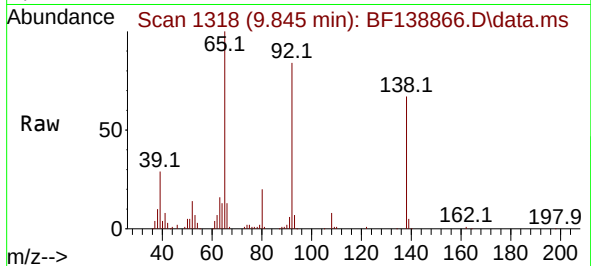




#53
3-Nitroaniline
Concen: 30.224 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

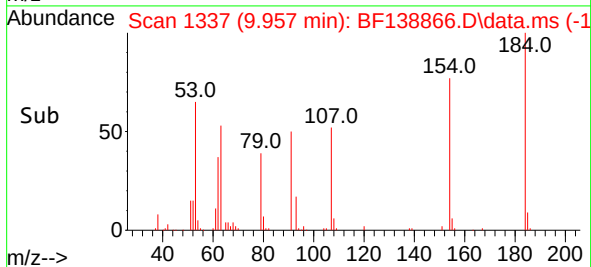
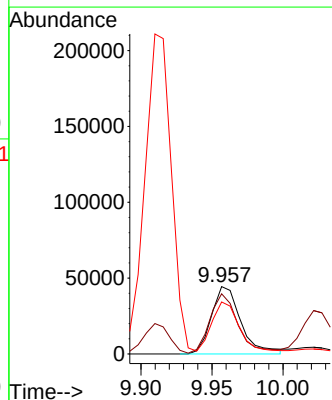
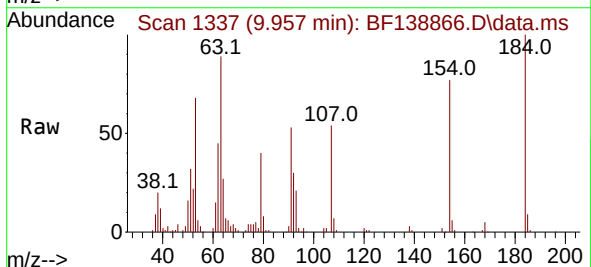
Instrument :
BNA_F
ClientSampleId :

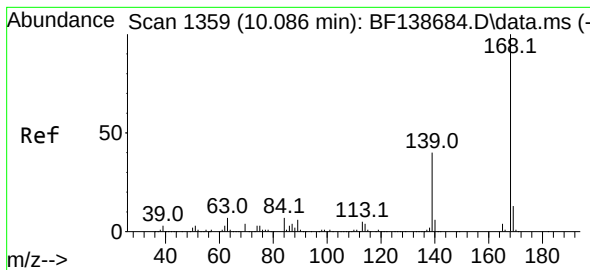
Tgt Ion:138 Resp: 49628
Ion Ratio Lower Upper
138 100
108 12.3 9.1 13.7
92 125.3 98.7 148.1



#54
2,4-Dinitrophenol
Concen: 87.810 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:184 Resp: 64205
Ion Ratio Lower Upper
184 100
63 89.3 57.5 86.3#
154 77.3 51.7 77.5

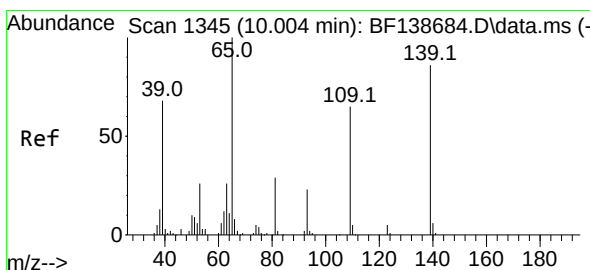
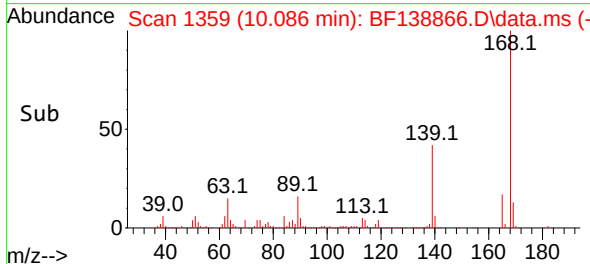
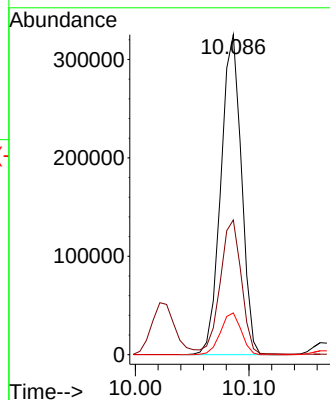
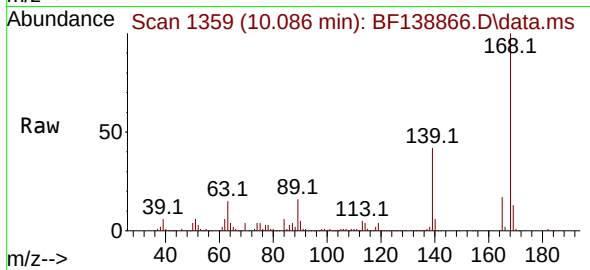




#55
Dibenzofuran
Concen: 47.444 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

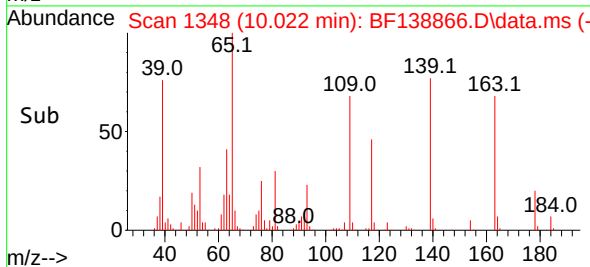
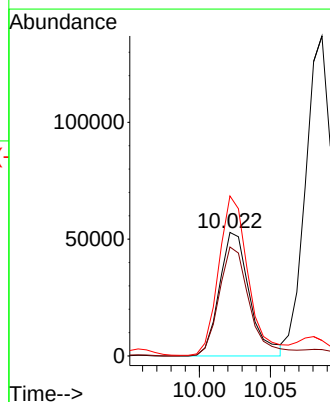
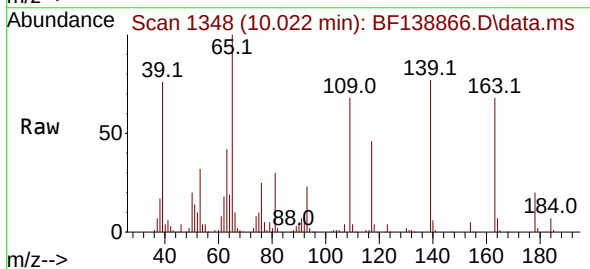
Instrument :
BNA_F
ClientSampleId :

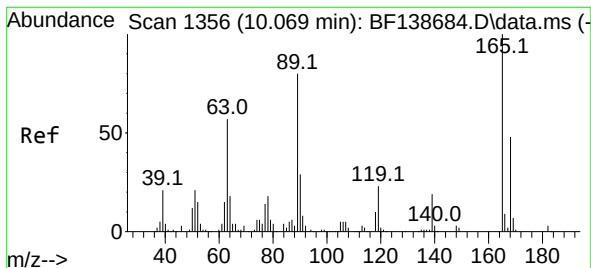
Tgt Ion:168 Resp: 409386
Ion Ratio Lower Upper
168 100
139 42.1 32.6 49.0
169 13.0 10.7 16.1



#56
4-Nitrophenol
Concen: 79.031 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:139 Resp: 78038
Ion Ratio Lower Upper
139 100
109 88.2 55.5 95.5
65 129.6 96.7 136.7





#57

2,4-Dinitrotoluene

Concen: 48.979 ng

RT: 10.080 min Scan# 1

Delta R.T. 0.012 min

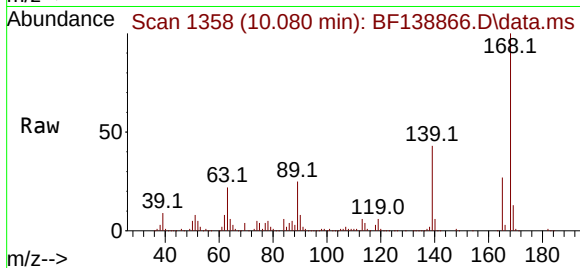
Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:165 Resp: 99257

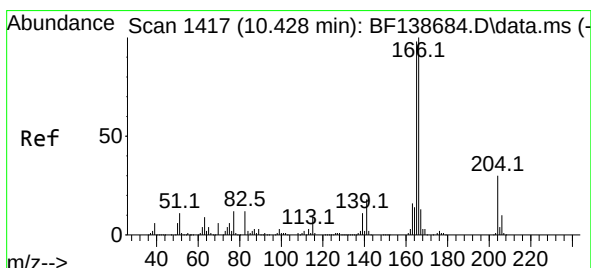
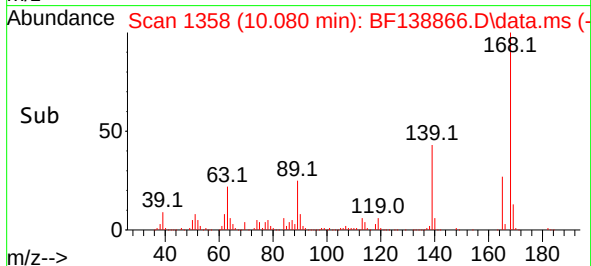
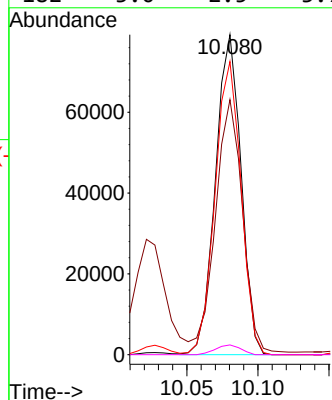
Ion Ratio Lower Upper

165 100

63 79.7 46.3 69.5#

89 91.6 64.2 96.4

182 3.0 2.5 3.7



#58

Fluorene

Concen: 47.949 ng

RT: 10.427 min Scan# 1417

Delta R.T. -0.000 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

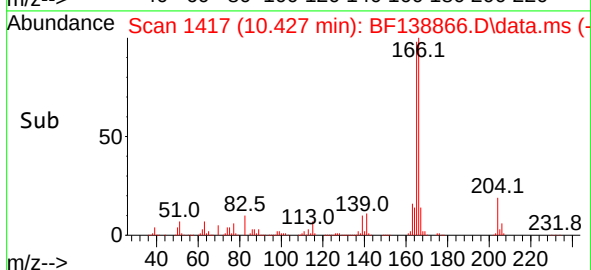
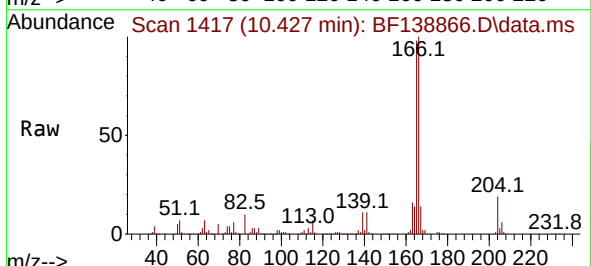
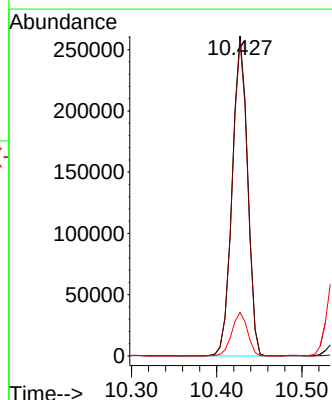
Tgt Ion:166 Resp: 329475

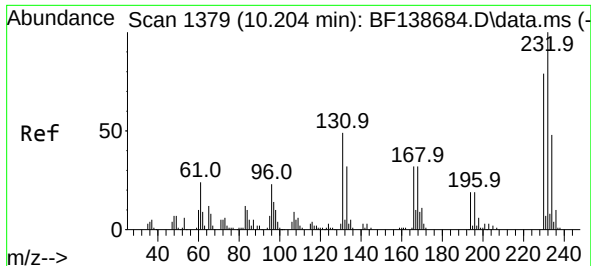
Ion Ratio Lower Upper

166 100

165 98.3 78.4 117.6

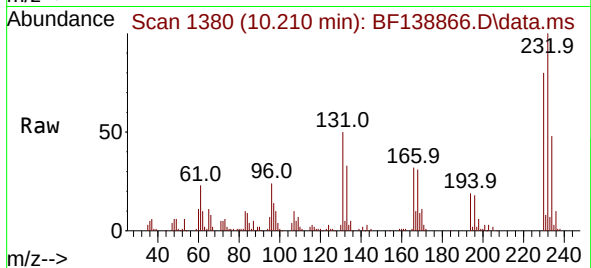
167 13.6 10.6 16.0



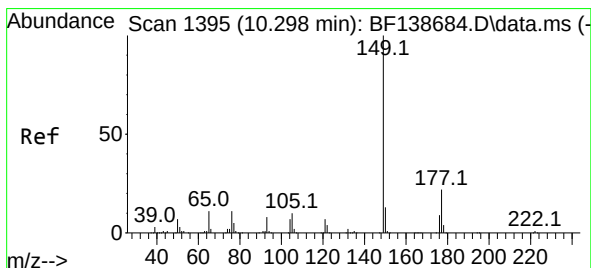
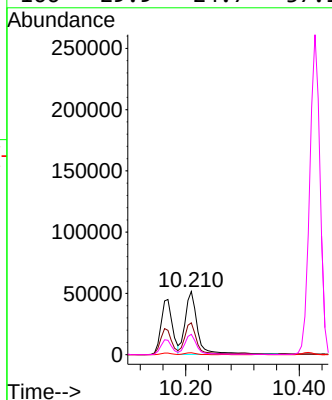
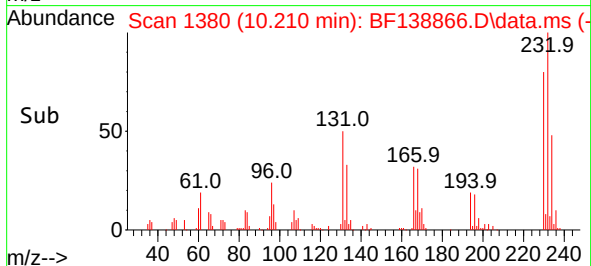


#59
2,3,4,6-Tetrachlorophenol
Concen: 48.836 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

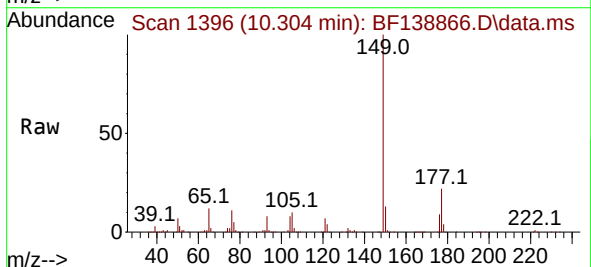
Instrument :
BNA_F
ClientSampleId :



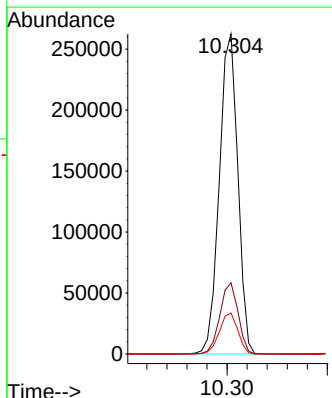
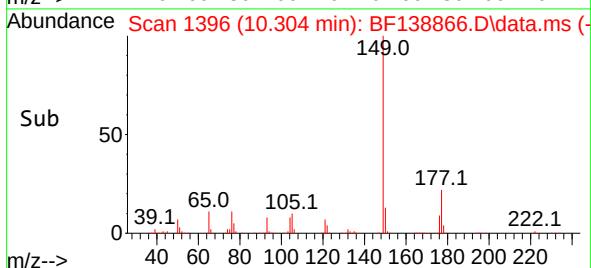
Tgt Ion:232 Resp: 76093
Ion Ratio Lower Upper
232 100
131 49.7 37.0 55.4
130 2.9 2.0 3.0
166 29.9 24.7 37.1

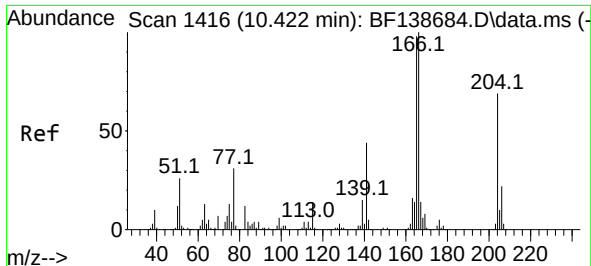


#60
Diethylphthalate
Concen: 50.288 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22



Tgt Ion:149 Resp: 335590
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.8
150 12.8 10.1 15.1

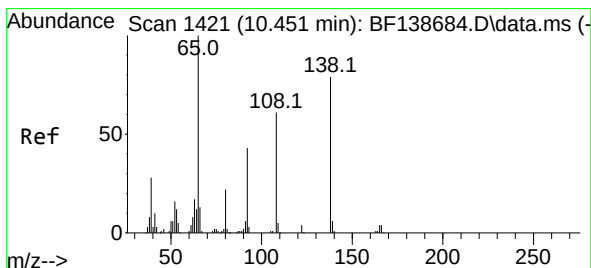
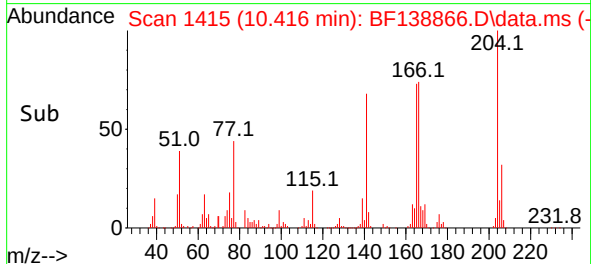
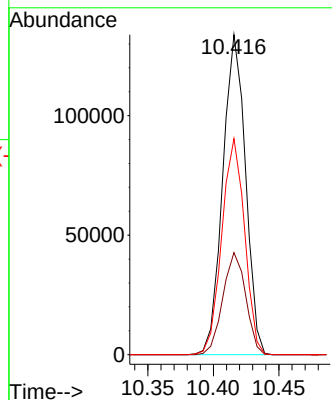
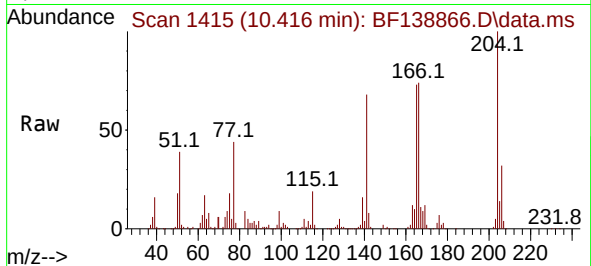




#61
4-Chlorophenyl-phenylether
Concen: 47.724 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

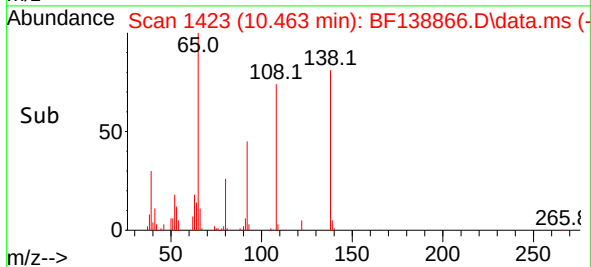
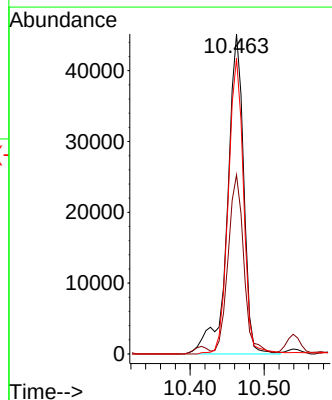
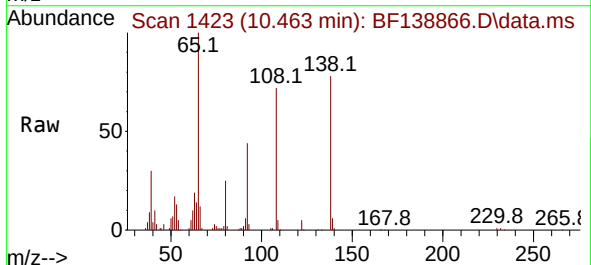
Instrument :
BNA_F
ClientSampleId :

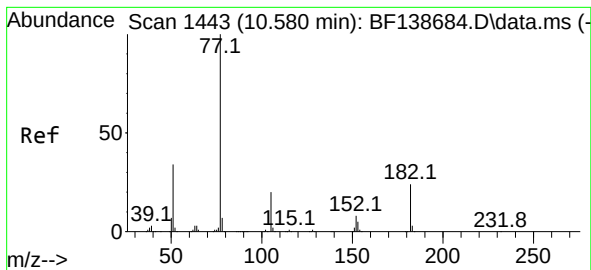
Tgt Ion:204 Resp: 161283
Ion Ratio Lower Upper
204 100
206 31.9 26.1 39.1
141 67.5 51.4 77.0



#62
4-Nitroaniline
Concen: 44.155 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:138 Resp: 68902
Ion Ratio Lower Upper
138 100
92 56.0 34.2 74.2
108 92.4 56.2 96.2





#63

Azobenzene

Concen: 46.905 ng

RT: 10.580 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 347164

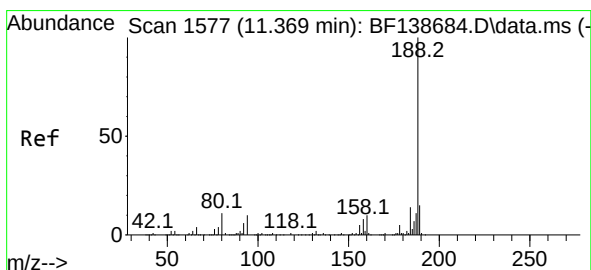
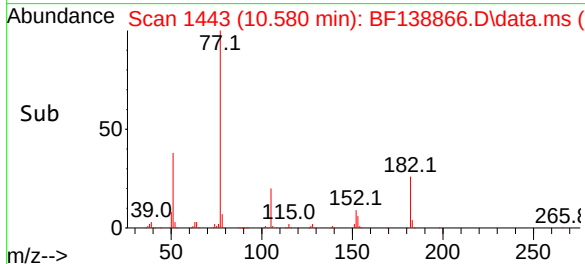
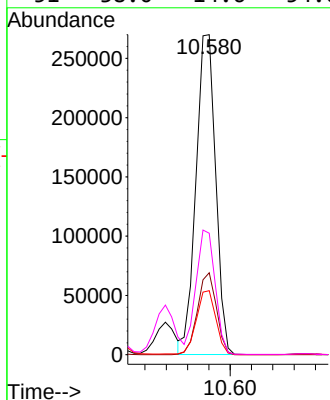
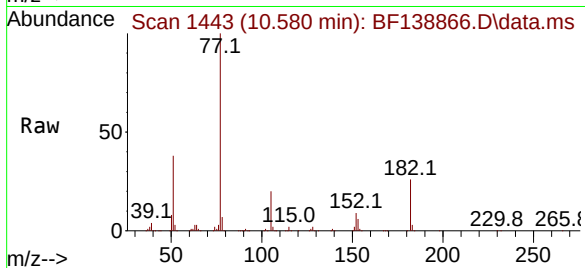
Ion Ratio Lower Upper

77 100

182 25.6 3.4 43.4

105 20.0 0.2 40.2

51 38.0 14.6 54.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

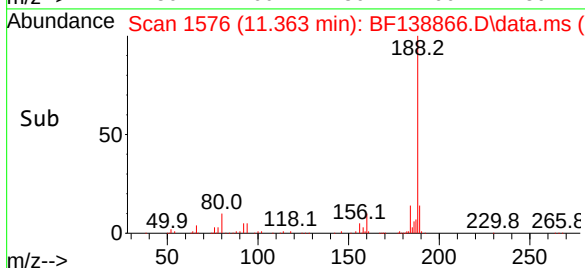
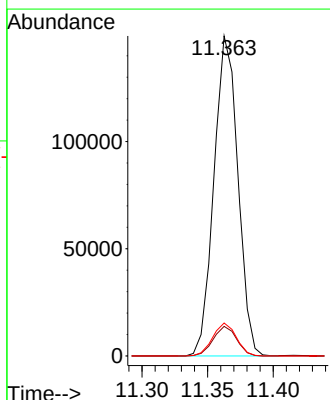
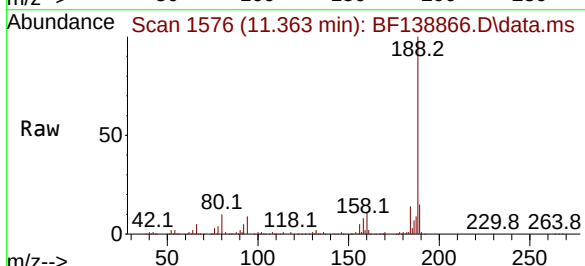
Tgt Ion:188 Resp: 189484

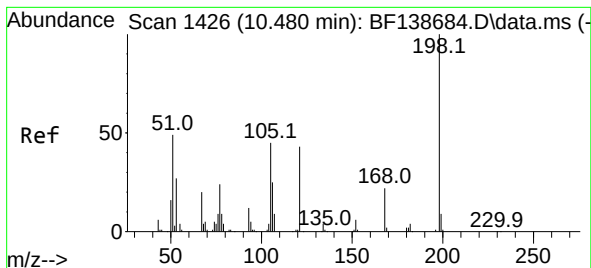
Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 10.3 8.6 12.8

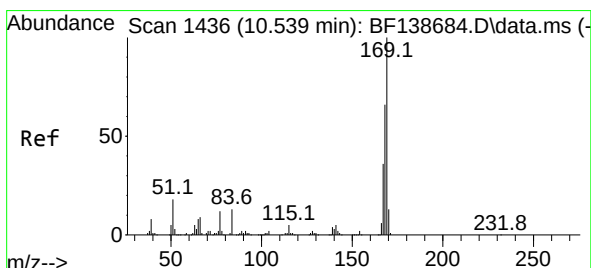
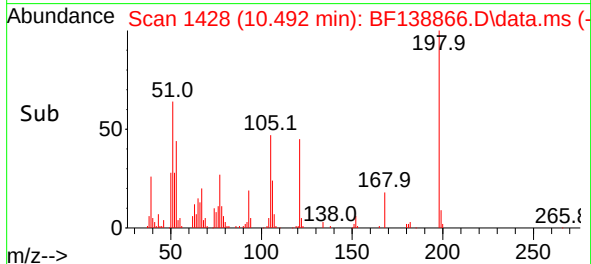
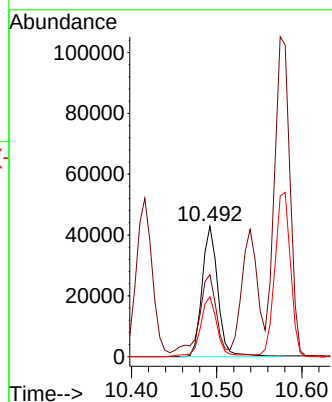
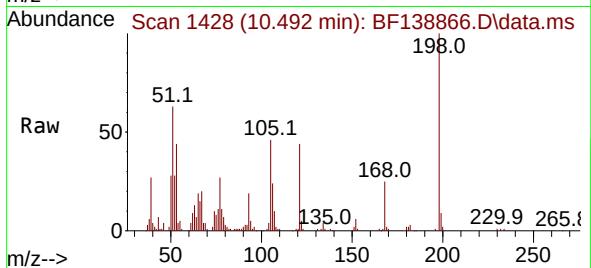




#65
4,6-Dinitro-2-methylphenol
Concen: 47.742 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

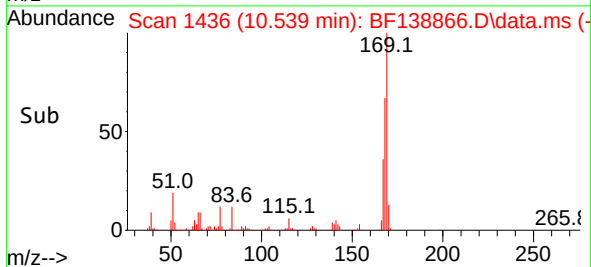
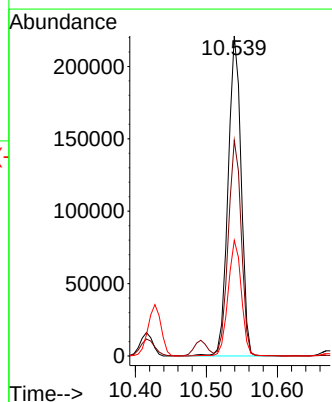
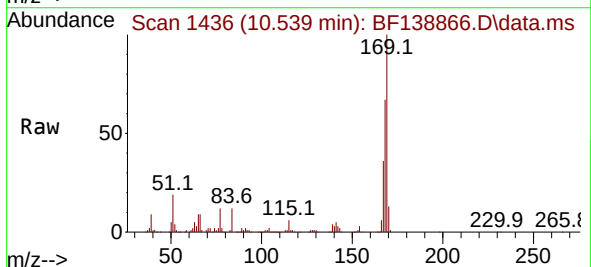
Instrument :
BNA_F
ClientSampleId :

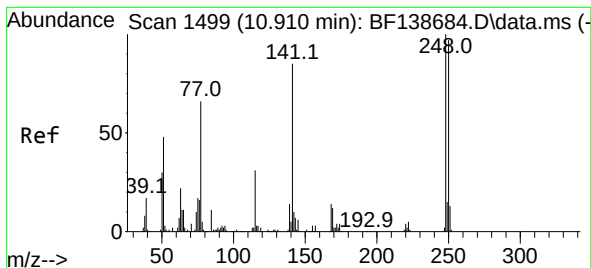
Tgt Ion:198 Resp: 55191
Ion Ratio Lower Upper
198 100
51 62.8 39.9 79.9
105 45.8 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 47.464 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:169 Resp: 281123
Ion Ratio Lower Upper
169 100
168 67.4 53.0 79.6
167 36.2 29.0 43.6

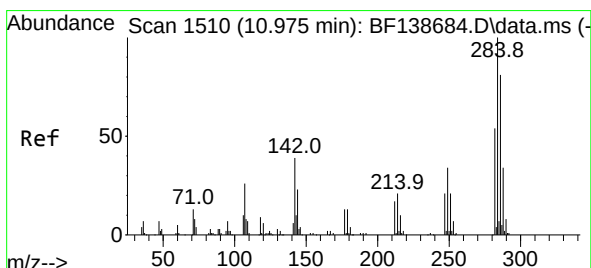
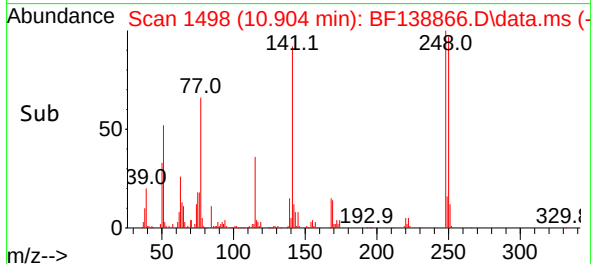
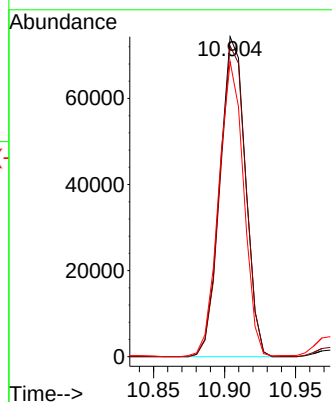
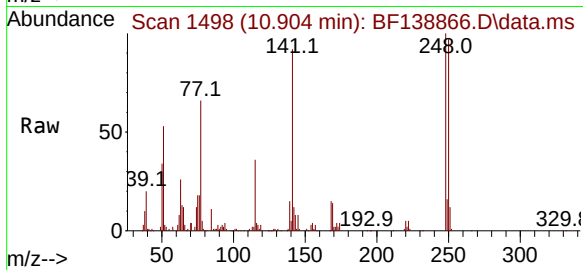




#67
4-Bromophenyl-phenylether
Concen: 45.375 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

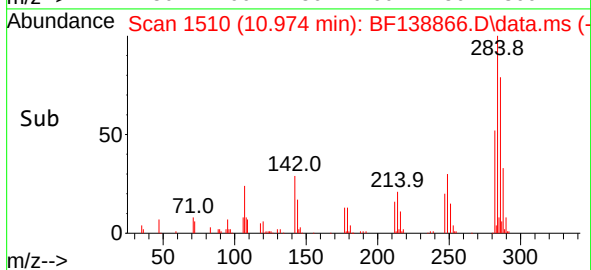
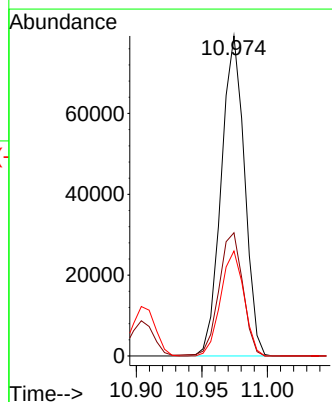
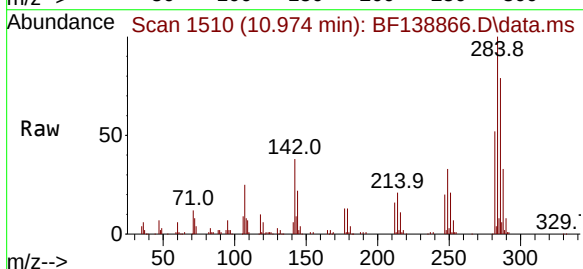
Instrument :
BNA_F
ClientSampleId :

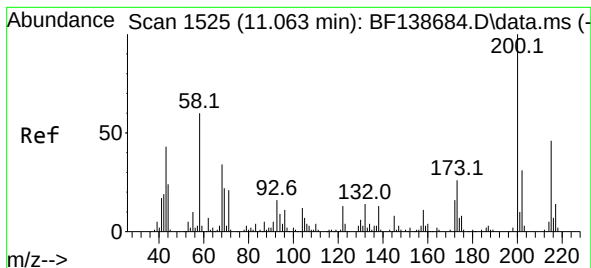
Tgt Ion:248 Resp: 93088
Ion Ratio Lower Upper
248 100
250 97.1 77.7 116.5
141 92.2 68.0 102.0



#68
Hexachlorobenzene
Concen: 46.082 ng
RT: 10.974 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:284 Resp: 97611
Ion Ratio Lower Upper
284 100
142 38.5 31.3 46.9
249 32.8 27.2 40.8





#69

Atrazine

Concen: 54.617 ng

RT: 11.069 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

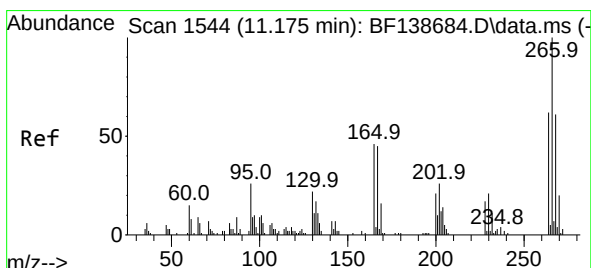
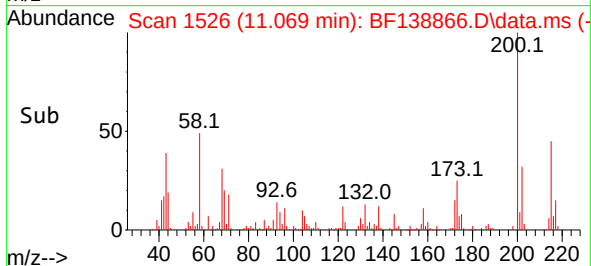
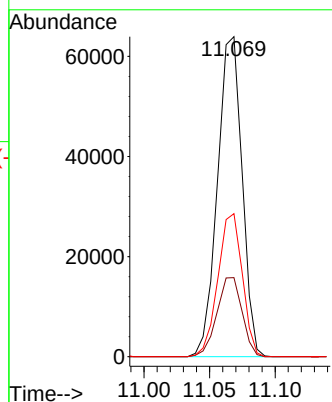
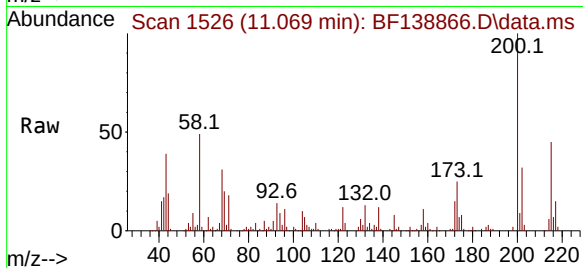
Tgt Ion:200 Resp: 83461

Ion Ratio Lower Upper

200 100

173 24.7 6.0 46.0

215 44.7 26.1 66.1



#70

Pentachlorophenol

Concen: 74.046 ng

RT: 11.174 min Scan# 1544

Delta R.T. -0.001 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

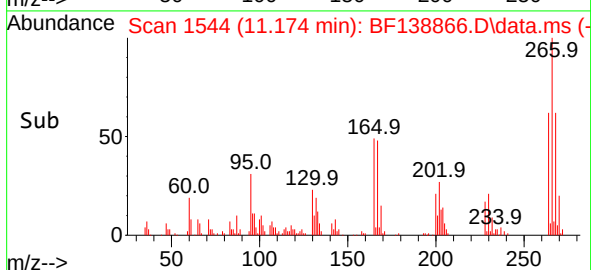
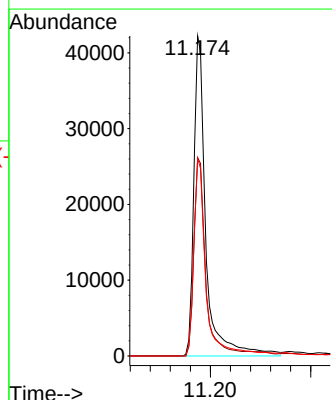
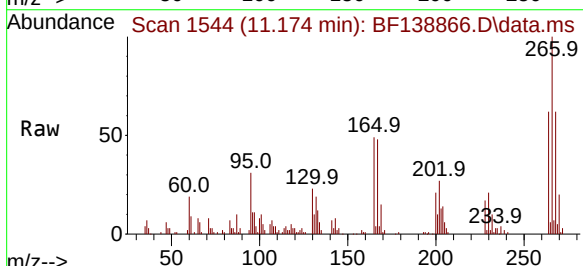
Tgt Ion:266 Resp: 70697

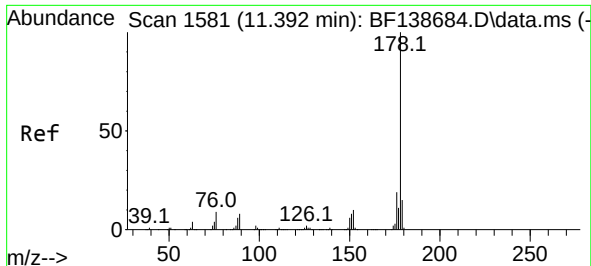
Ion Ratio Lower Upper

266 100

268 61.9 49.2 73.8

264 61.8 49.8 74.6

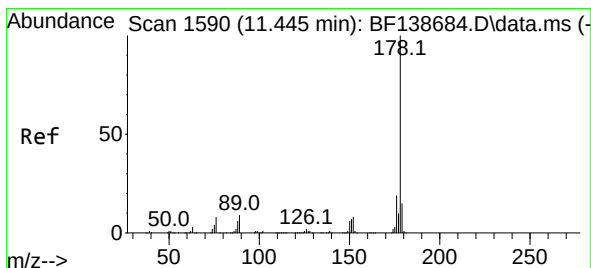
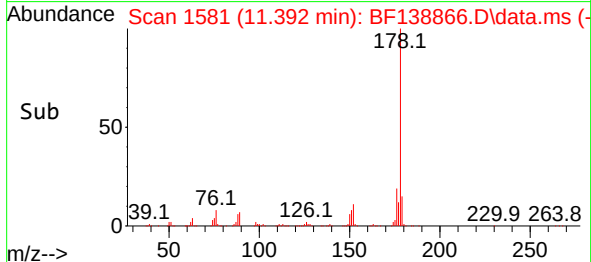
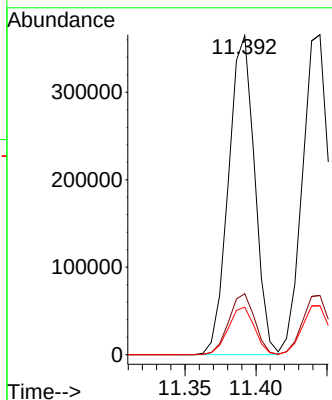
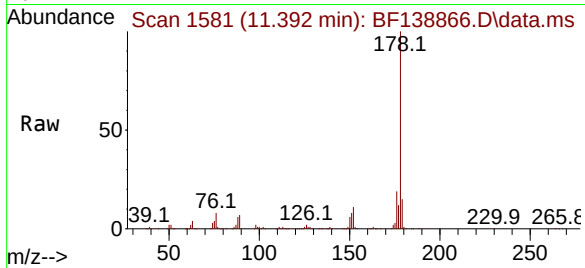




#71
Phenanthrene
Concen: 47.830 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

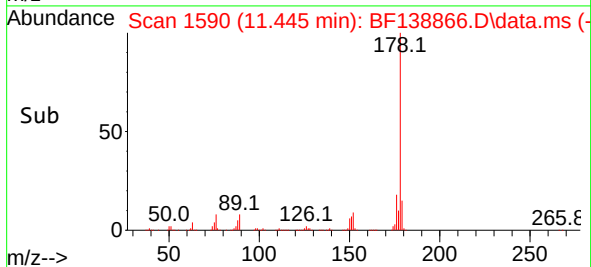
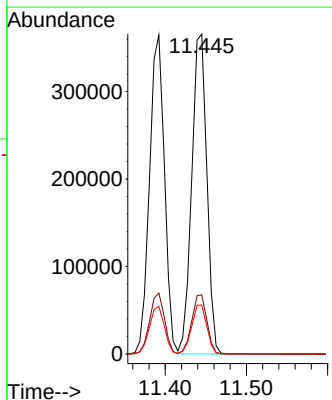
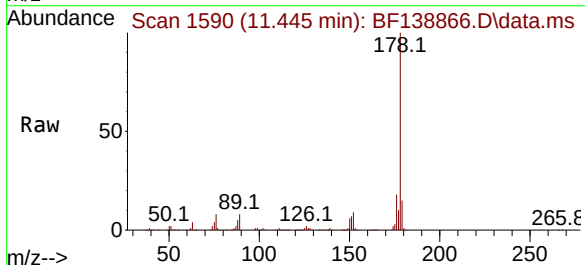
Instrument :
BNA_F
ClientSampleId :

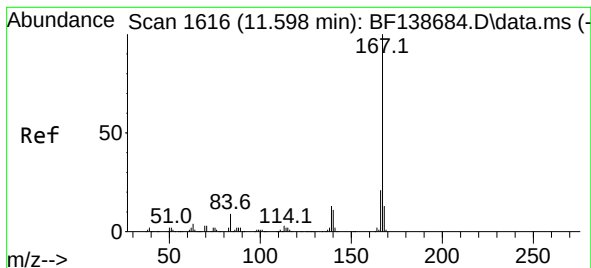
Tgt Ion:178 Resp: 466676
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 14.9 12.2 18.2



#72
Anthracene
Concen: 49.340 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:178 Resp: 474255
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.3 12.4 18.6





#73

Carbazole

Concen: 46.770 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

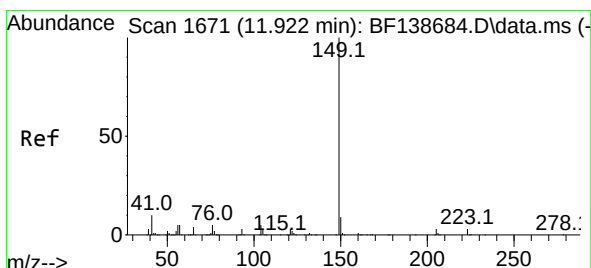
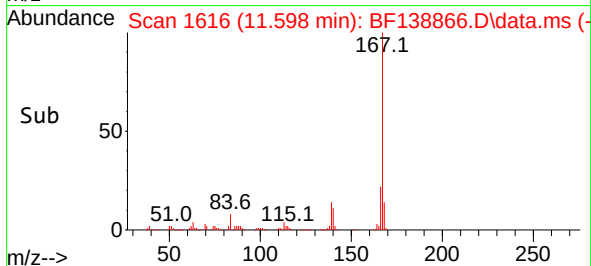
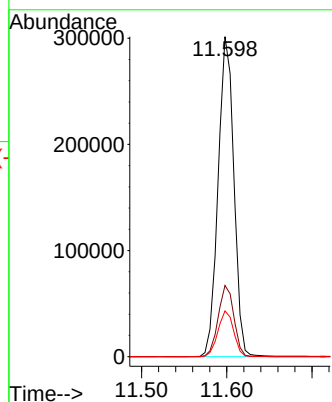
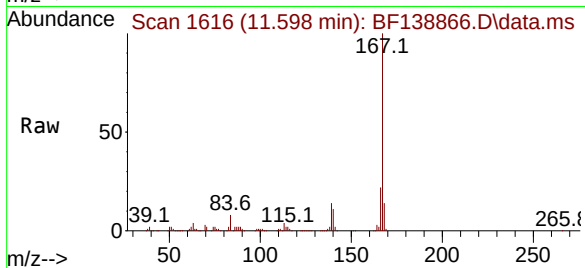
Tgt Ion:167 Resp: 387849

Ion Ratio Lower Upper

167 100

166 22.2 17.2 25.8

139 14.3 10.6 16.0



#74

Di-n-butylphthalate

Concen: 53.926 ng

RT: 11.916 min Scan# 1670

Delta R.T. -0.006 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

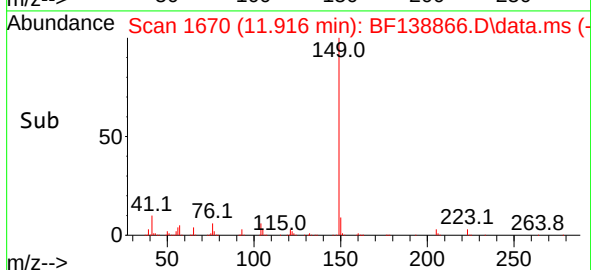
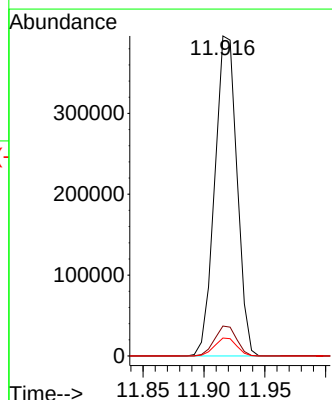
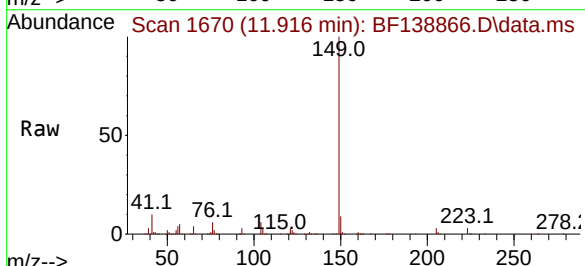
Tgt Ion:149 Resp: 502716

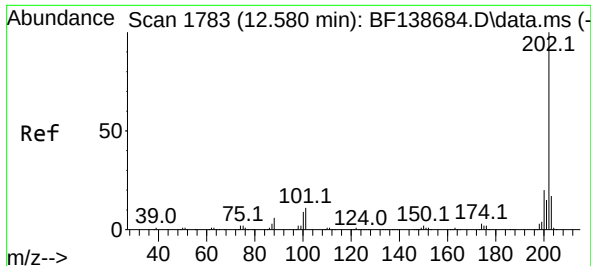
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

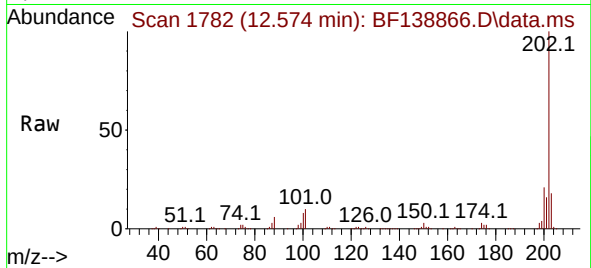
104 5.6 4.1 6.1



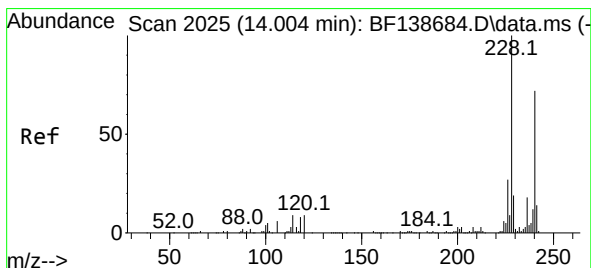
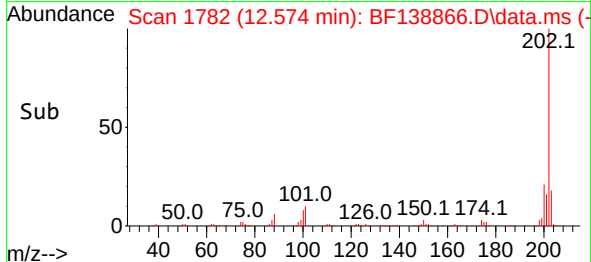
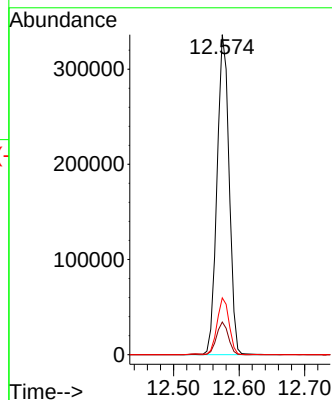


#75
Fluoranthene
Concen: 47.362 ng
RT: 12.574 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :
BNA_F
ClientSampleId :

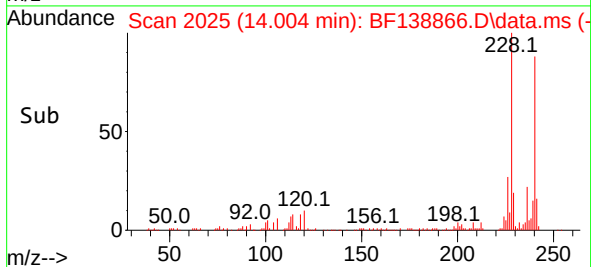
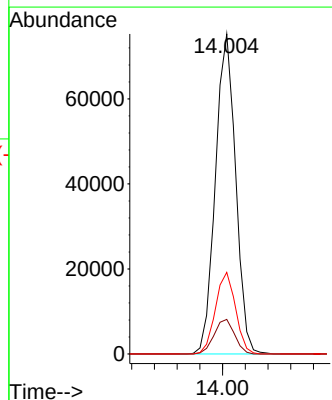
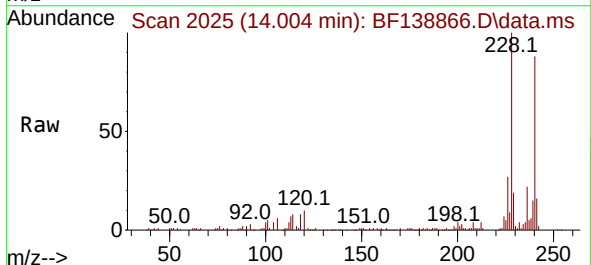


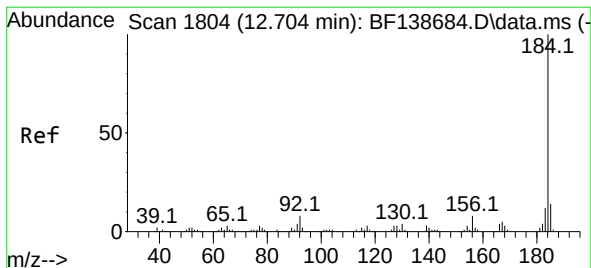
Tgt Ion:202 Resp: 431401
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.2
203 17.8 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:240 Resp: 93153
Ion Ratio Lower Upper
240 100
120 10.8 10.2 15.4
236 25.5 19.8 29.8





#77

Benzidine

Concen: 15.497 ng

RT: 12.698 min Scan# 1803

Delta R.T. -0.006 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

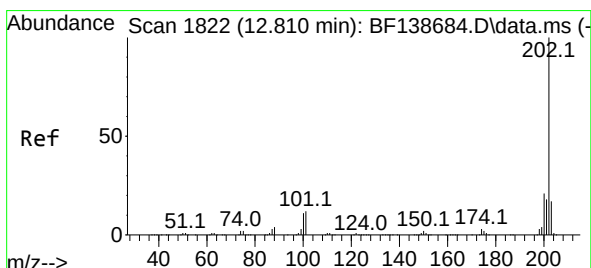
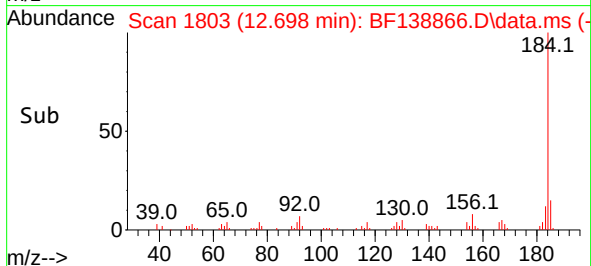
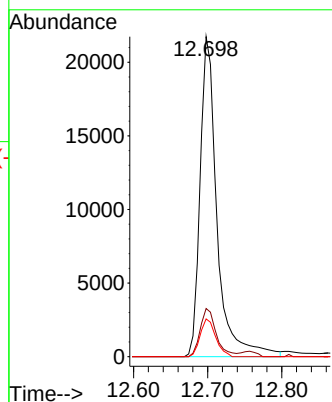
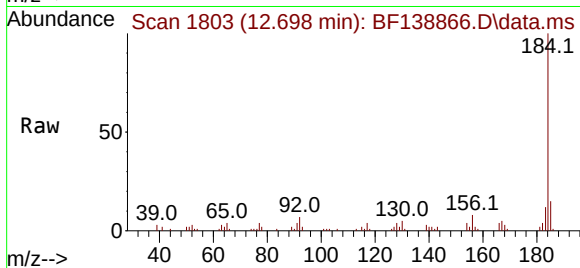
Tgt Ion:184 Resp: 34528

Ion Ratio Lower Upper

184 100

185 15.1 11.1 16.7

183 11.8 9.6 14.4



#78

Pyrene

Concen: 48.325 ng

RT: 12.804 min Scan# 1821

Delta R.T. -0.006 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

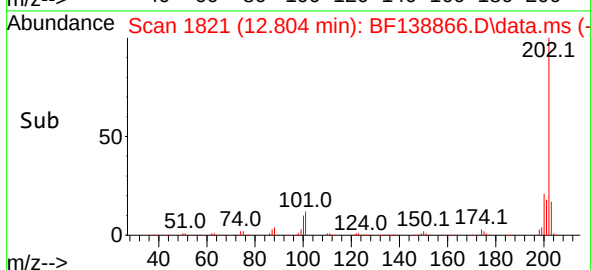
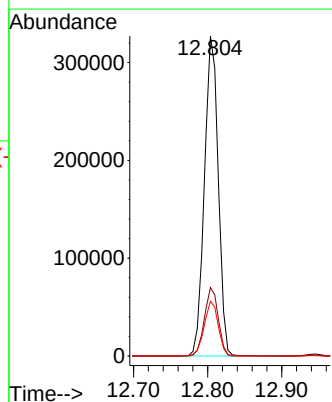
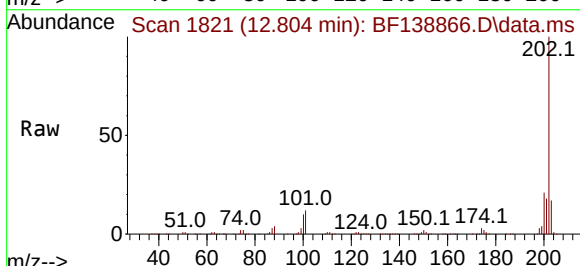
Tgt Ion:202 Resp: 423839

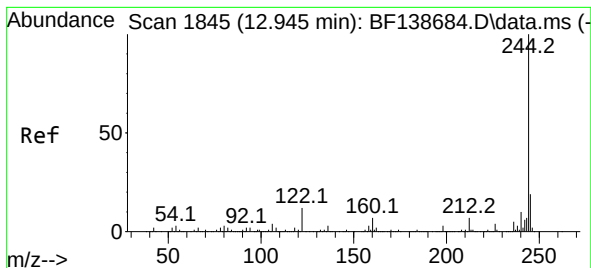
Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 110.401 ng

RT: 12.945 min Scan# 1845

Delta R.T. -0.000 min

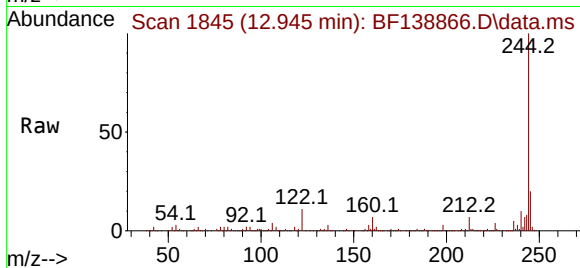
Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :



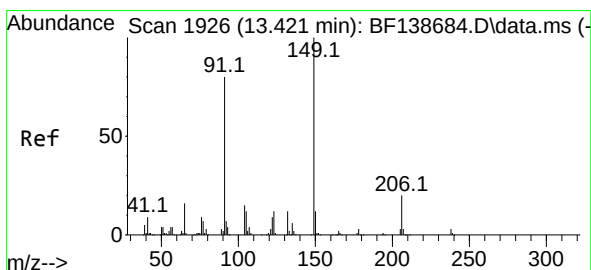
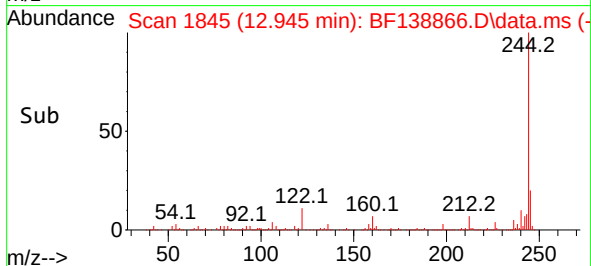
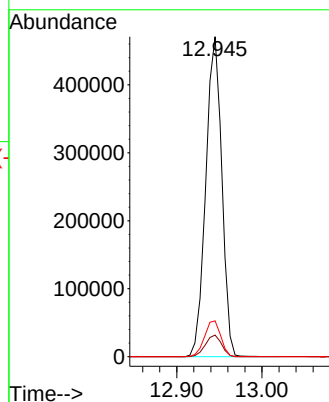
Tgt Ion:244 Resp: 614252

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.2 9.6 14.4



#80

Butylbenzylphthalate

Concen: 51.689 ng

RT: 13.415 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

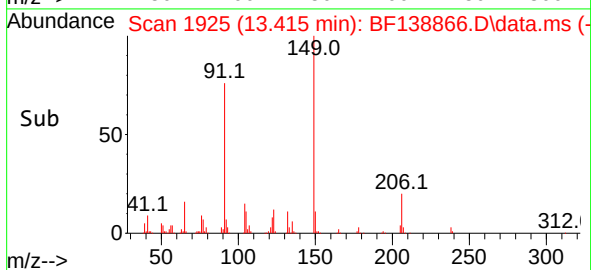
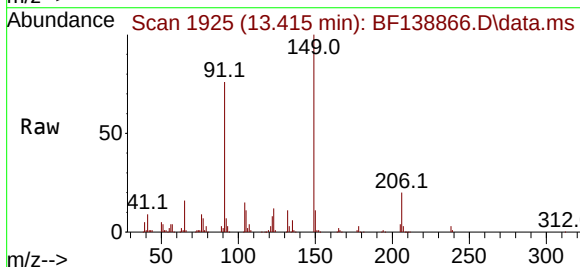
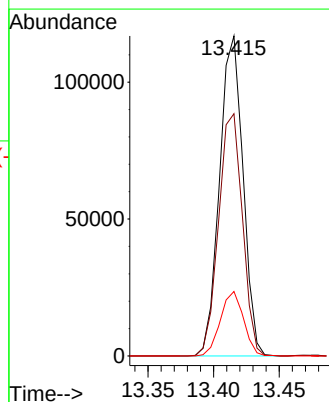
Tgt Ion:149 Resp: 145173

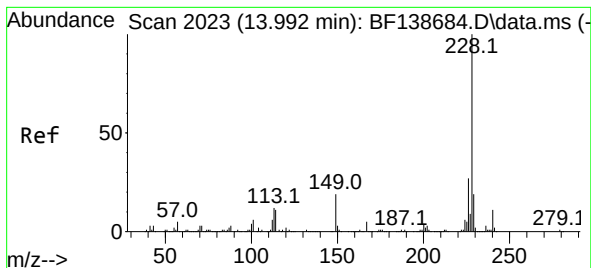
Ion Ratio Lower Upper

149 100

91 75.7 63.7 95.5

206 20.1 16.2 24.2





#81

Benzo(a)anthracene

Concen: 46.963 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

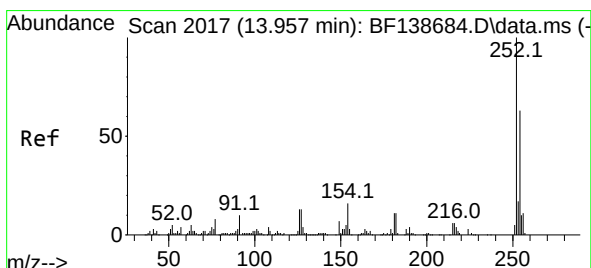
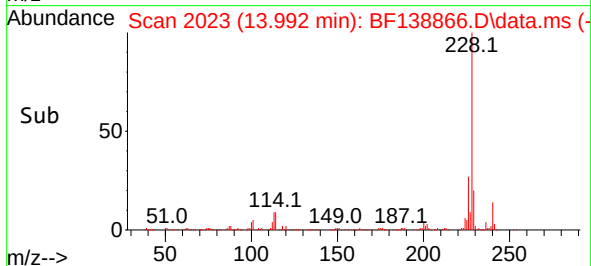
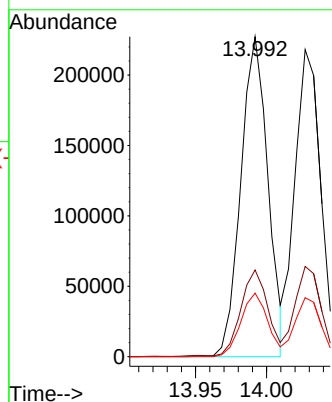
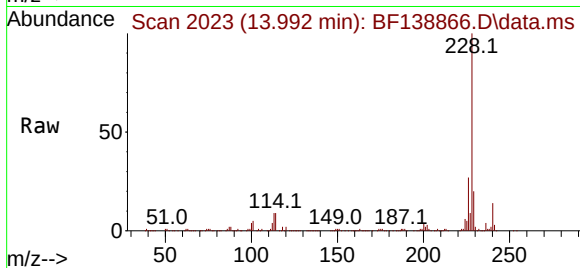
Tgt Ion:228 Resp: 301253

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

229 19.9 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 35.795 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

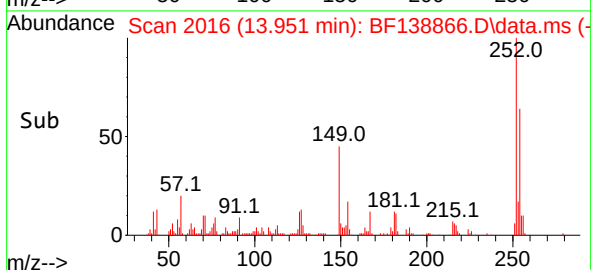
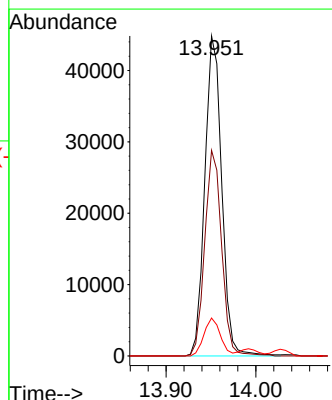
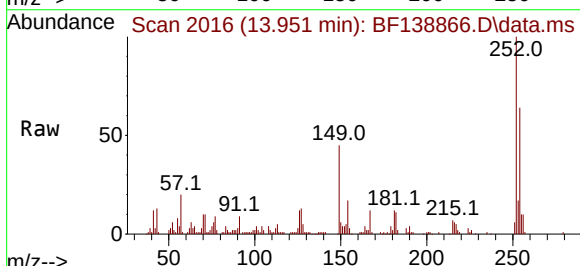
Tgt Ion:252 Resp: 58759

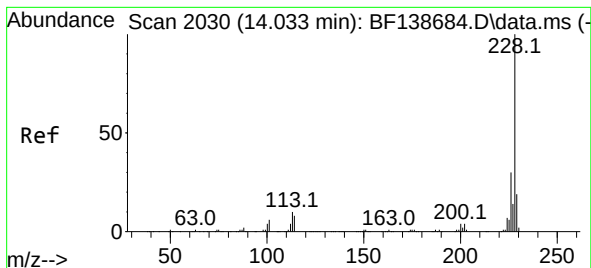
Ion Ratio Lower Upper

252 100

254 64.2 50.8 76.2

126 11.8 10.2 15.2





#83

Chrysene

Concen: 47.388 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

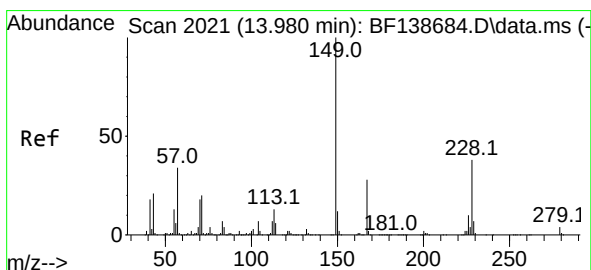
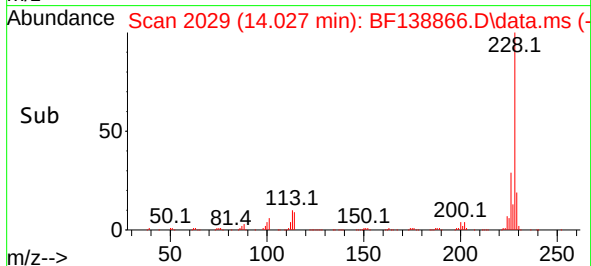
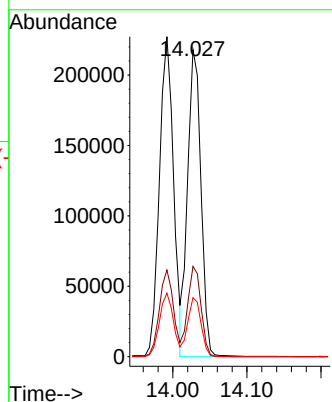
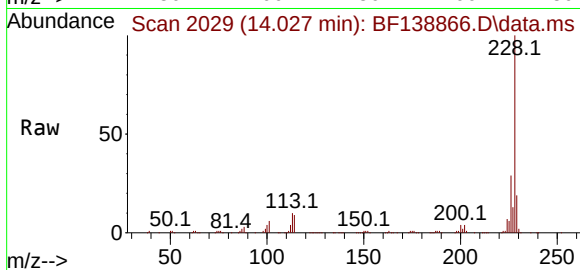
Tgt Ion:228 Resp: 274248

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

229 19.2 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.974 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

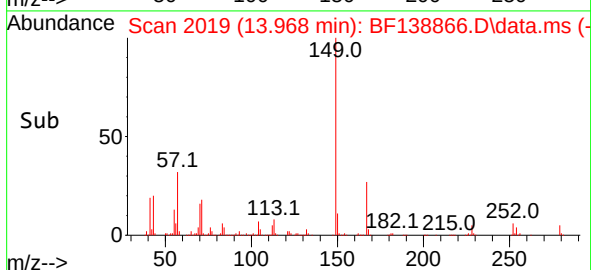
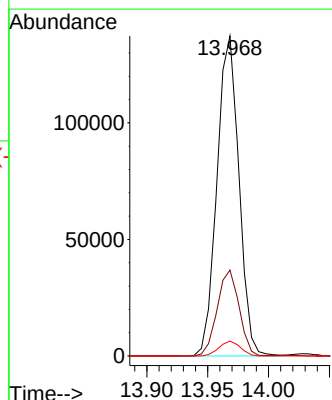
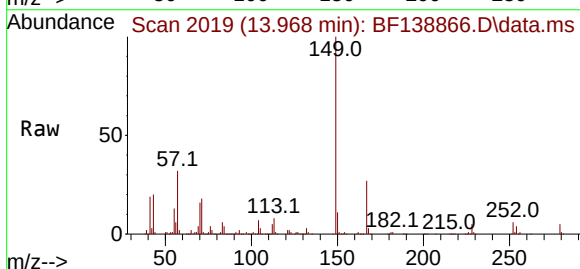
Tgt Ion:149 Resp: 172629

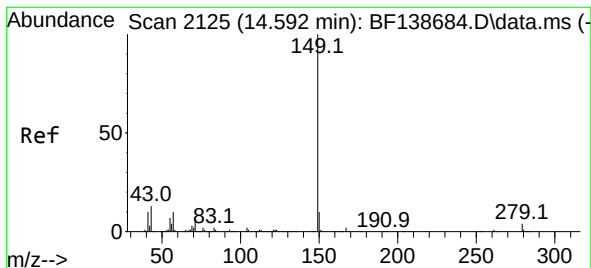
Ion Ratio Lower Upper

149 100

167 26.8 22.2 33.4

279 4.7 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 37.193 ng

RT: 14.580 min Scan# 2125

Delta R.T. -0.012 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

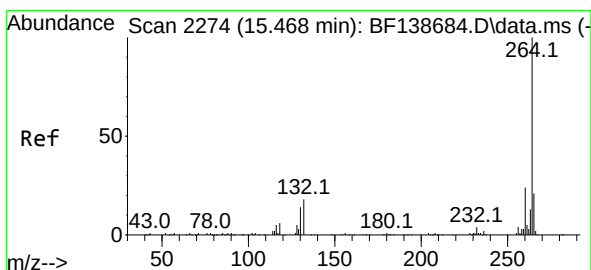
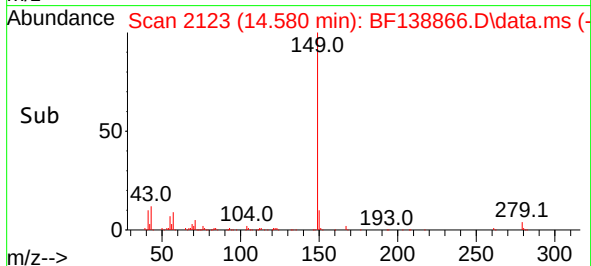
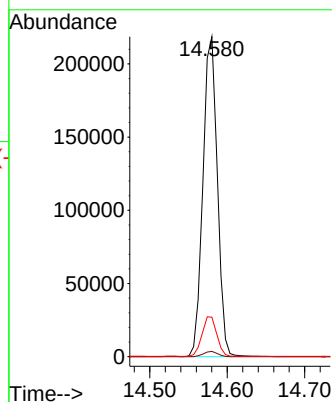
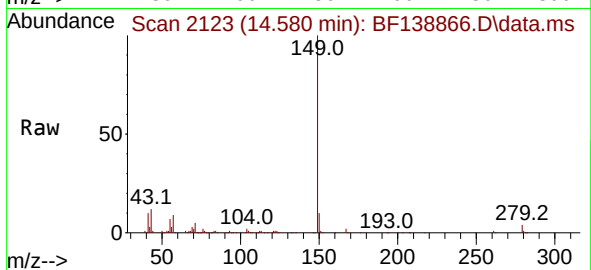
Tgt Ion:149 Resp: 283006

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 12.7 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

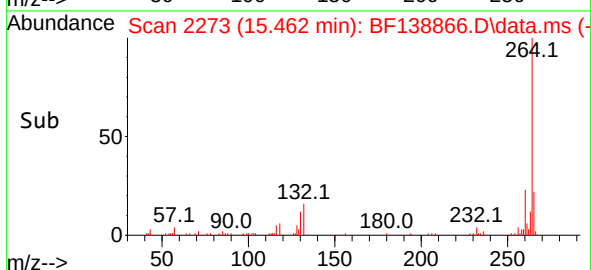
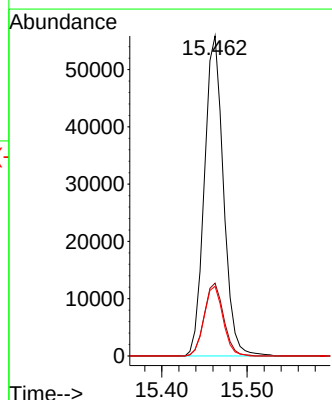
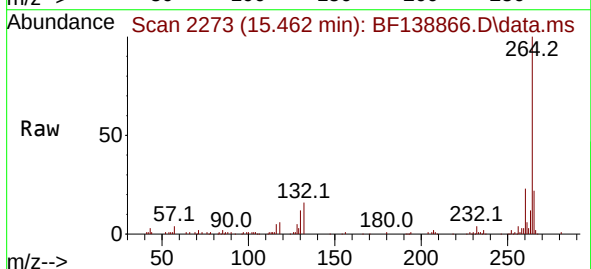
Tgt Ion:264 Resp: 86793

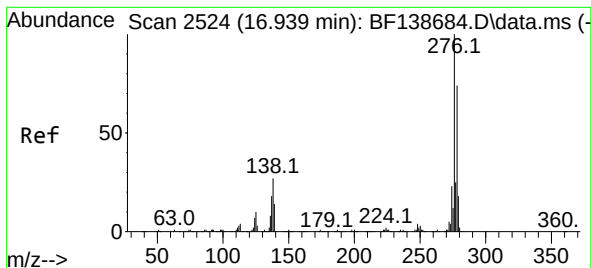
Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.6

265 21.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.813 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

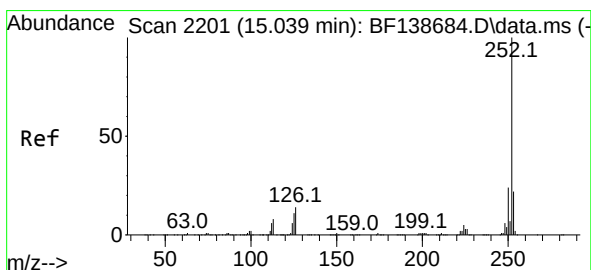
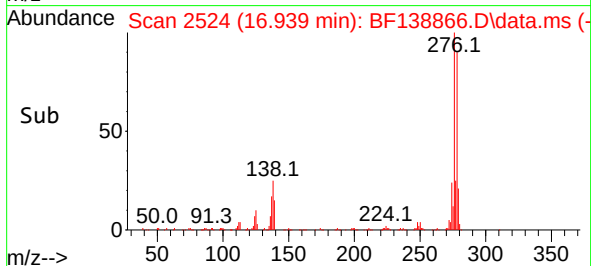
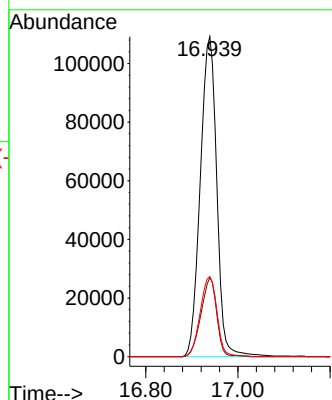
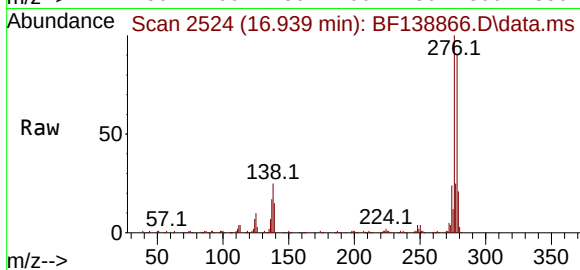
Tgt Ion:276 Resp: 272510

Ion Ratio Lower Upper

276 100

138 23.4 21.8 32.8

277 25.4 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 48.420 ng

RT: 15.039 min Scan# 2201

Delta R.T. -0.000 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

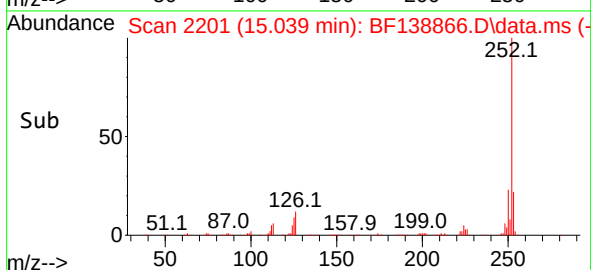
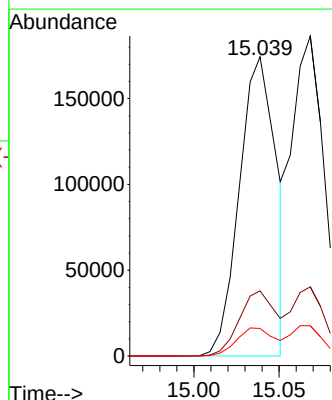
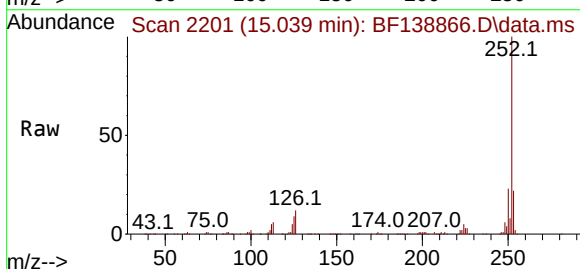
Tgt Ion:252 Resp: 260514

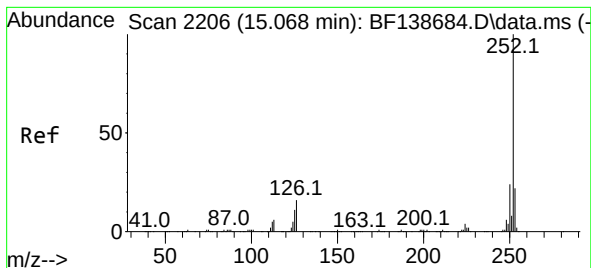
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.2 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 53.388 ng

RT: 15.068 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

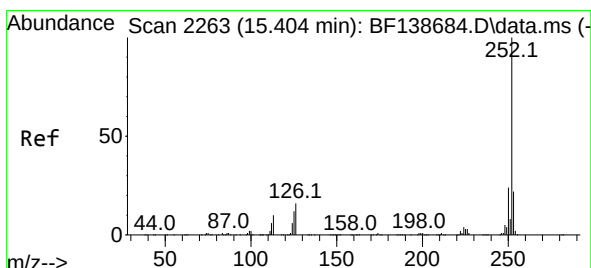
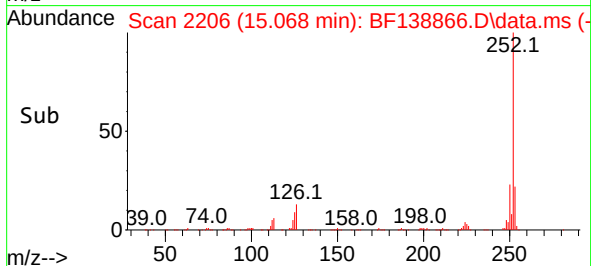
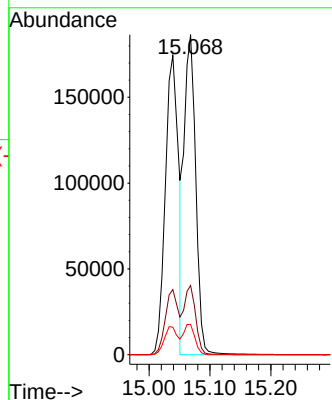
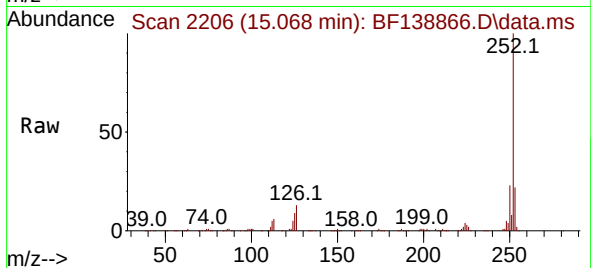
Tgt Ion:252 Resp: 248699

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 9.4 8.6 13.0



#90

Benzo(a)pyrene

Concen: 51.860 ng

RT: 15.404 min Scan# 2263

Delta R.T. -0.000 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

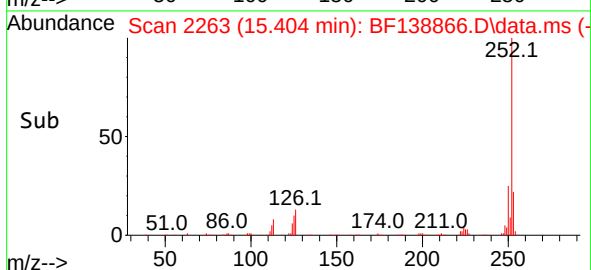
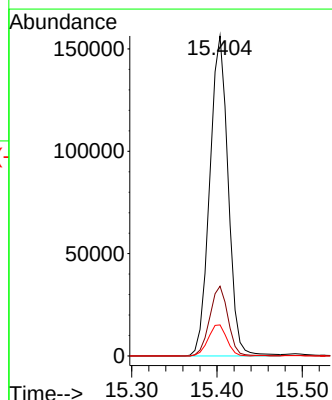
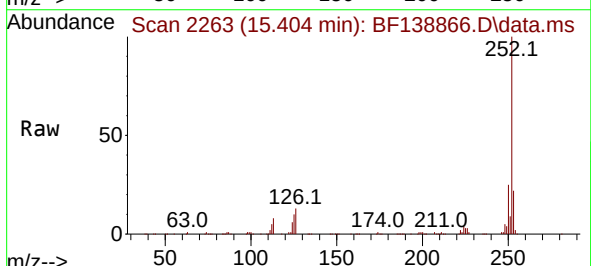
Tgt Ion:252 Resp: 234700

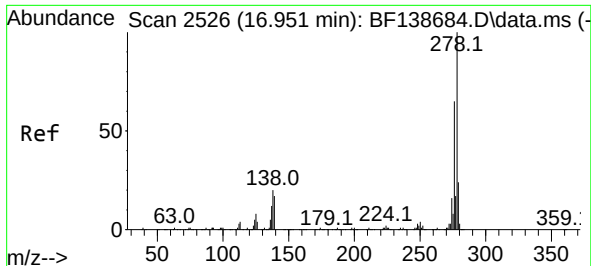
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

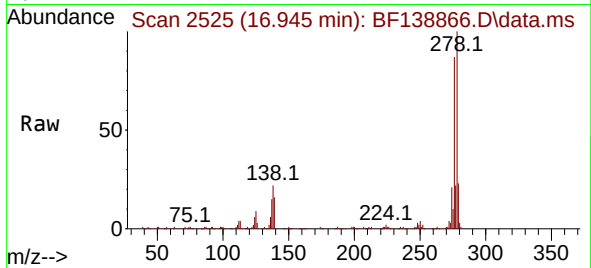
125 9.7 9.5 14.3



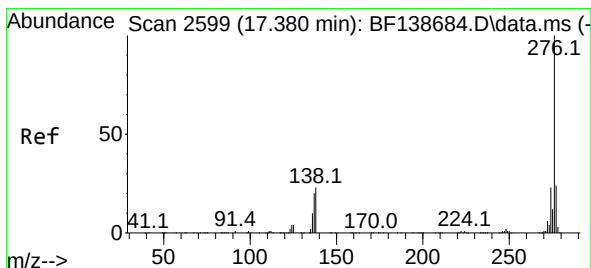
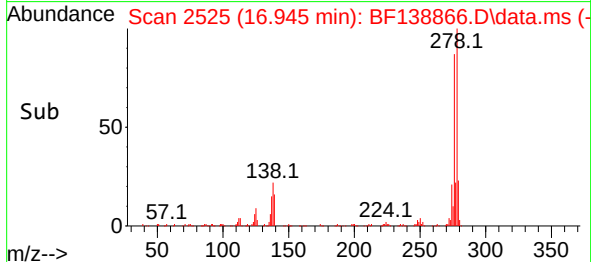
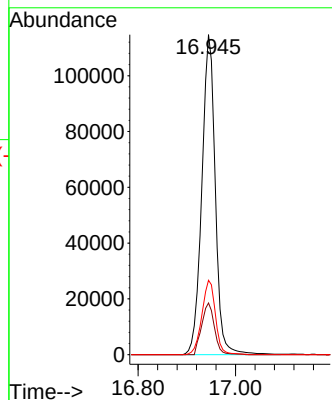


#91
 Dibenzo(a,h)anthracene
 Concen: 43.165 ng
 RT: 16.945 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138866.D
 Acq: 08 Aug 2024 15:22

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:278 Resp: 220388
 Ion Ratio Lower Upper
 278 100
 139 16.1 14.0 21.0
 279 23.2 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 37.679 ng
 RT: 17.374 min Scan# 2598
 Delta R.T. -0.006 min
 Lab File: BF138866.D
 Acq: 08 Aug 2024 15:22

Tgt Ion:276 Resp: 199632
 Ion Ratio Lower Upper
 276 100
 277 22.9 19.0 28.4
 138 20.6 18.5 27.7

