

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136867.D
 Acq On : 02 Jan 2024 12:54
 Operator : CG\JU
 Sample : PB158147BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158147BS

Quant Time: Jan 02 13:26:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	108703	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	436688	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	213242	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	398351	20.000	ng	0.00
76) Chrysene-d12	13.969	240	212413	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	174669	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	822735	118.093	ng	0.01
7) Phenol-d6	6.440	99	1013240	112.241	ng	0.00
23) Nitrobenzene-d5	7.351	82	624785	73.212	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	278287	110.810	ng	0.00
45) 2-Fluorobiphenyl	9.140	172	1164580	73.454	ng	-0.01
79) Terphenyl-d14	12.910	244	1144445	75.293	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	87565	30.166	ng	95
3) Pyridine	3.434	79	203165	28.685	ng	96
4) n-Nitrosodimethylamine	3.393	42	146298	38.681	ng	99
6) Aniline	6.451	93	217984	24.152	ng	# 1
8) 2-Chlorophenol	6.575	128	322743	42.332	ng	95
9) Benzaldehyde	6.334	77	57522	11.202	ng	96
10) Phenol	6.451	94	373171	38.724	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	302864	41.326	ng	97
12) 1,3-Dichlorobenzene	6.722	146	314162	37.773	ng	99
13) 1,4-Dichlorobenzene	6.798	146	322674	37.970	ng	98
14) 1,2-Dichlorobenzene	6.951	146	307151	38.842	ng	99
15) Benzyl Alcohol	6.934	79	263897	43.331	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	466198	38.909	ng	93
17) 2-Methylphenol	7.051	107	249197	39.455	ng	95
18) Hexachloroethane	7.287	117	117487	38.067	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	215575	39.394	ng	97
20) 3+4-Methylphenols	7.204	107	297125	37.655	ng	# 67
22) Acetophenone	7.198	105	433735	39.627	ng	95
24) Nitrobenzene	7.369	77	320523	37.494	ng	99
25) Isophorone	7.604	82	593022	38.190	ng	99
26) 2-Nitrophenol	7.681	139	169571	41.459	ng	96
27) 2,4-Dimethylphenol	7.728	122	248810	49.968	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	358181	37.947	ng	98
29) 2,4-Dichlorophenol	7.928	162	244663	38.165	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	275664	38.594	ng	99
31) Naphthalene	8.087	128	913401	38.074	ng	100
32) Benzoic acid	7.881	122	175815	36.492	ng	98
33) 4-Chloroaniline	8.134	127	164804	18.606	ng	98
34) Hexachlorobutadiene	8.193	225	158643	36.557	ng	97
35) Caprolactam	8.528	113	51221	24.220	ng	95
36) 4-Chloro-3-methylphenol	8.634	107	265864	36.839	ng	99
37) 2-Methylnaphthalene	8.775	142	572474	37.078	ng	99
38) 1-Methylnaphthalene	8.875	142	545251	35.996	ng	100
40) 1,2,4,5-Tetrachloroben...	8.940	216	274393	41.550	ng	100
41) Hexachlorocyclopentadiene	8.922	237	150458	71.978	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	173856	41.050	ng	98

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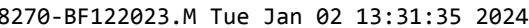
Instrument :
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Quant Time: Jan 02 13:26:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	181516	38.460	ng	94
46) 1,1'-Biphenyl	9.245	154	704412	39.365	ng	99
47) 2-Chloronaphthalene	9.269	162	530811	39.020	ng	98
48) 2-Nitroaniline	9.369	65	170854	40.107	ng	98
49) Acenaphthylene	9.681	152	832062	40.017	ng	99
50) Dimethylphthalate	9.551	163	617178	39.624	ng	100
51) 2,6-Dinitrotoluene	9.616	165	135357	38.291	ng	98
52) Acenaphthene	9.857	154	496619	38.530	ng	99
53) 3-Nitroaniline	9.787	138	116563	31.128	ng	89
54) 2,4-Dinitrophenol	9.898	184	124223	64.182	ng	91
55) Dibenzofuran	10.028	168	741763	37.965	ng	99
56) 4-Nitrophenol	9.969	139	184462	72.973	ng	97
57) 2,4-Dinitrotoluene	10.022	165	167919	36.592	ng	94
58) Fluorene	10.369	166	595514	38.414	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	153995	42.387	ng	98
60) Diethylphthalate	10.251	149	615254	38.071	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	280999	37.291	ng	96
62) 4-Nitroaniline	10.410	138	124978	34.621	ng	94
63) Azobenzene	10.522	77	566501	37.531	ng	99
65) 4,6-Dinitro-2-methylph...	10.434	198	88253	38.658	ng	94
66) n-Nitrosodiphenylamine	10.486	169	533069	41.195	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	175978	39.778	ng	# 91
68) Hexachlorobenzene	10.922	284	193499	39.248	ng	95
69) Atrazine	11.022	200	129686	39.183	ng	98
70) Pentachlorophenol	11.122	266	155099	67.493	ng	98
71) Phenanthrene	11.339	178	821904	40.211	ng	100
72) Anthracene	11.392	178	831298	40.160	ng	99
73) Carbazole	11.551	167	767926	39.348	ng	99
74) Di-n-butylphthalate	11.881	149	960695	40.341	ng	99
75) Fluoranthene	12.528	202	845997	38.695	ng	97
77) Benzidine	12.663	184	18527	2.958	ng	95
78) Pyrene	12.763	202	833565	39.975	ng	100
80) Butylbenzylphthalate	13.380	149	332871	43.872	ng	95
81) Benzo(a)anthracene	13.957	228	600873	40.738	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	175547	41.909	ng	100
83) Chrysene	13.992	228	576079	39.940	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	432966	45.354	ng	# 97
85) Di-n-octyl phthalate	14.563	149	699012	47.337	ng	98
87) Indeno(1,2,3-cd)pyrene	16.957	276	608756	48.271	ng	99
88) Benzo(b)fluoranthene	15.010	252	563502	48.302	ng	99
89) Benzo(k)fluoranthene	15.045	252	474173	43.014	ng	99
90) Benzo(a)pyrene	15.380	252	460482	46.761	ng	100
91) Dibenzo(a,h)anthracene	16.974	278	511727	49.460	ng	99
92) Benzo(g,h,i)perylene	17.410	276	509169	48.049	ng	99

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

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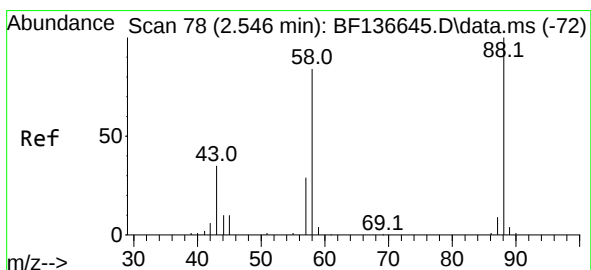
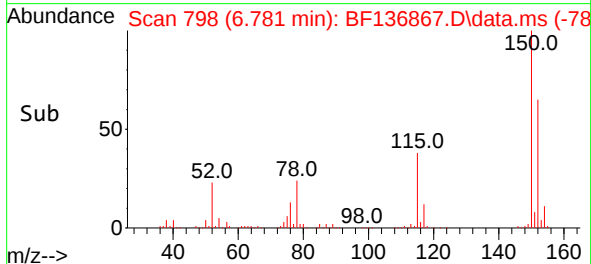
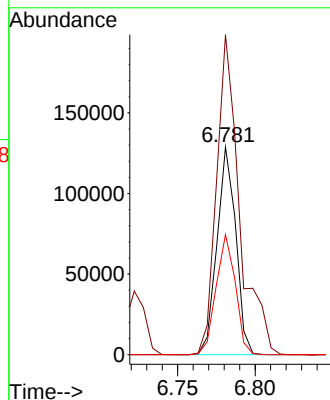
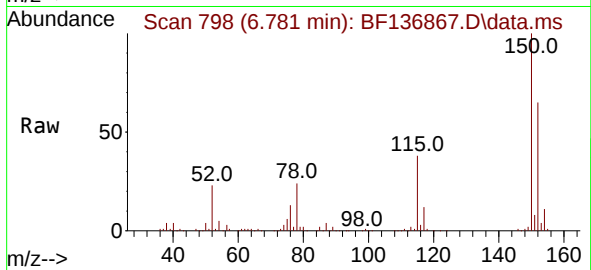




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136867.D
 Acq: 02 Jan 2024 12:54

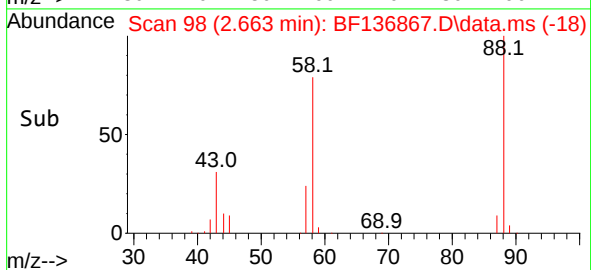
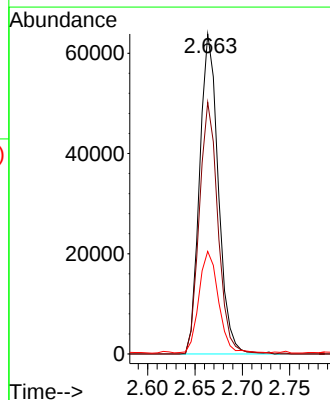
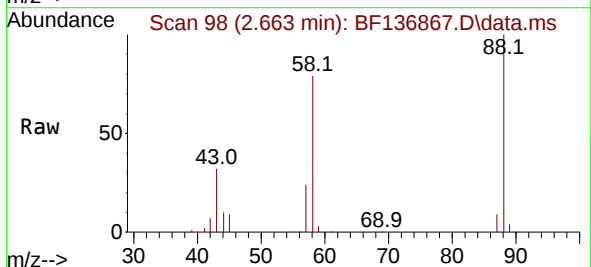
Instrument :
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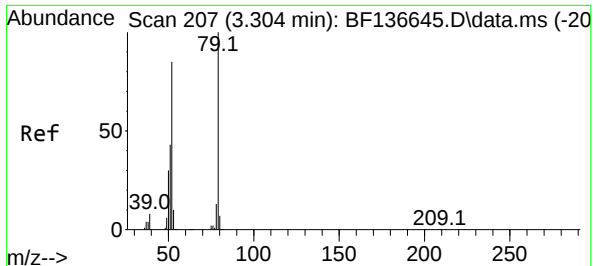
Tgt Ion:152 Resp: 108703
 Ion Ratio Lower Upper
 152 100
 150 154.0 127.0 190.6
 115 57.8 49.0 73.4



#2
 1,4-Dioxane
 Concen: 30.166 ng
 RT: 2.663 min Scan# 98
 Delta R.T. 0.118 min
 Lab File: BF136867.D
 Acq: 02 Jan 2024 12:54

Tgt Ion: 88 Resp: 87565
 Ion Ratio Lower Upper
 88 100
 58 78.2 67.4 101.0
 43 32.9 27.7 41.5

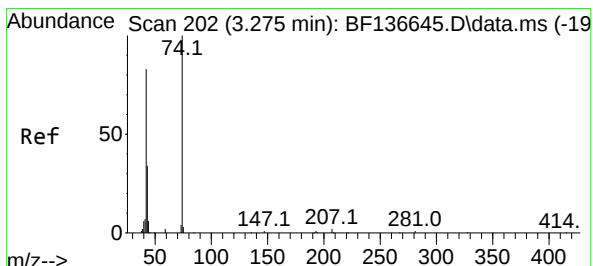
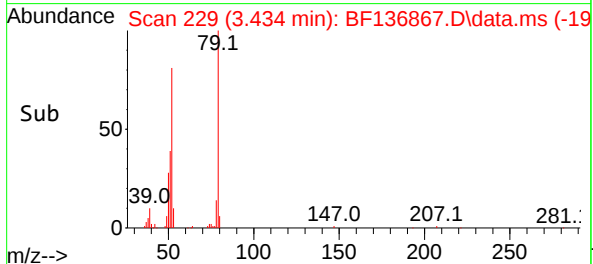
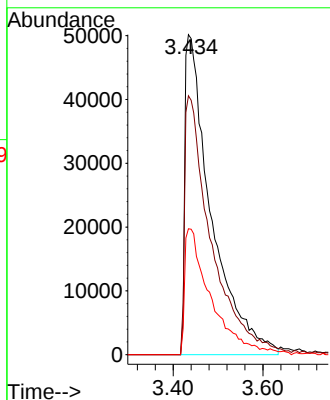
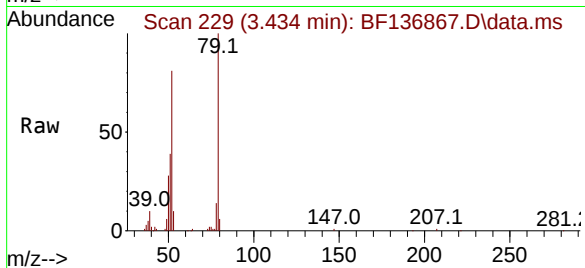




#3
Pyridine
Concen: 28.685 ng
RT: 3.434 min Scan# 21
Delta R.T. 0.130 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

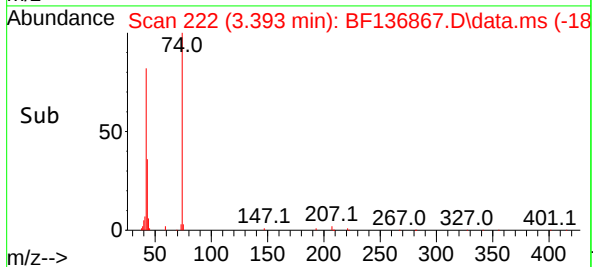
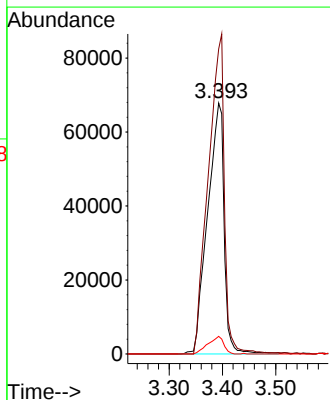
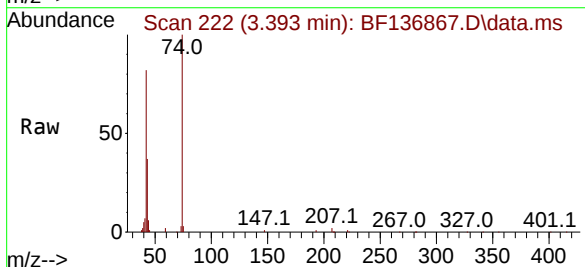
Instrument :
BNA_F
ClientSampleId :
PB158147BS

Tgt Ion: 79 Resp: 203165
Ion Ratio Lower Upper
79 100
52 80.9 67.7 101.5
51 39.4 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 38.681 ng
RT: 3.393 min Scan# 222
Delta R.T. 0.118 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion: 42 Resp: 146298
Ion Ratio Lower Upper
42 100
74 121.6 96.0 144.0
44 7.0 5.4 8.2

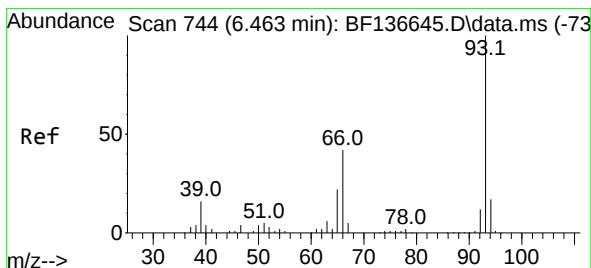
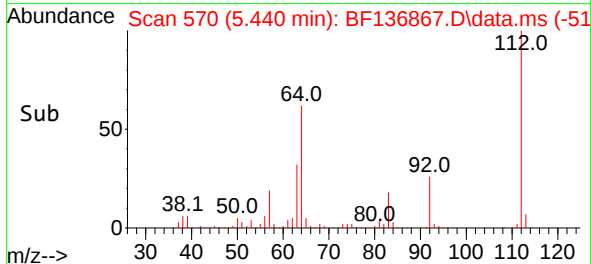
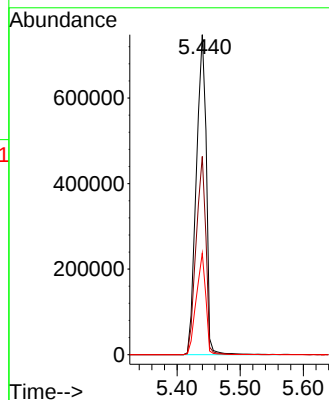
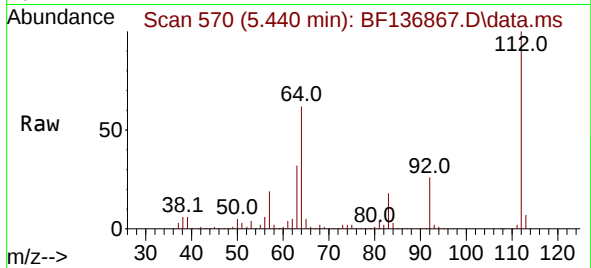




#5
2-Fluorophenol
Concen: 118.093 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

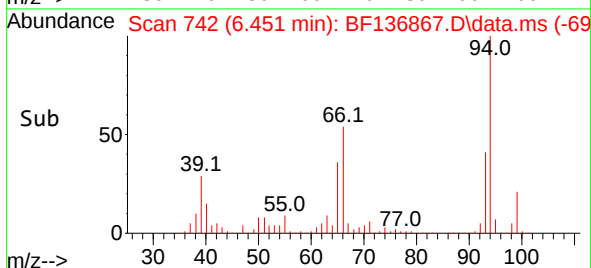
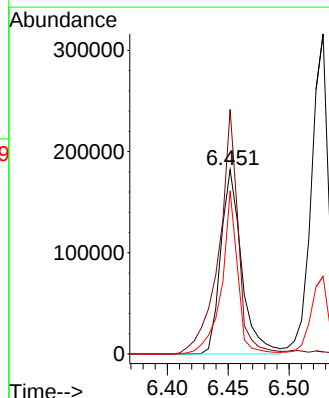
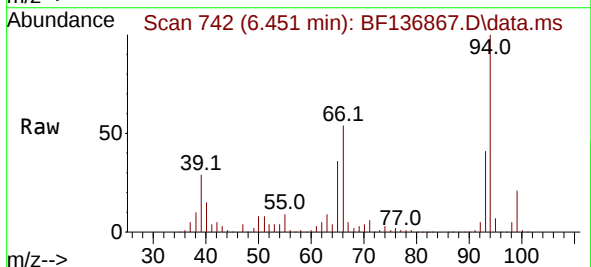
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ClientSampleId :
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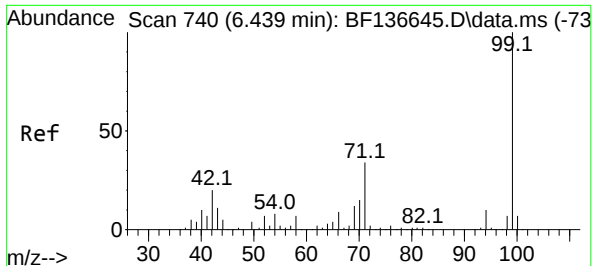
Tgt Ion:112 Resp: 822735
Ion Ratio Lower Upper
112 100
64 62.0 51.1 76.7
63 31.7 26.1 39.1



#6
Aniline
Concen: 24.152 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion: 93 Resp: 217984
Ion Ratio Lower Upper
93 100
66 132.6 34.6 51.8#
65 88.5 17.8 26.8#

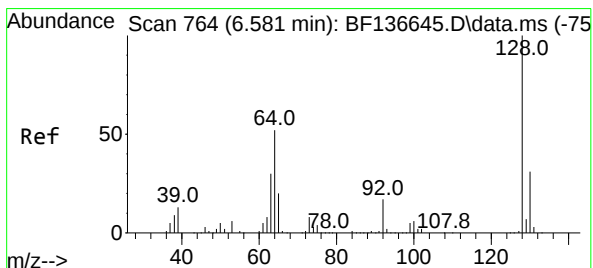
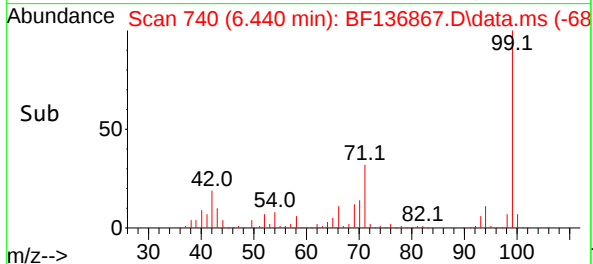
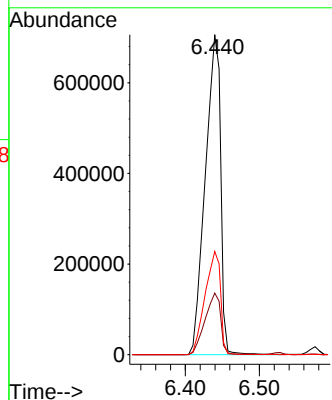
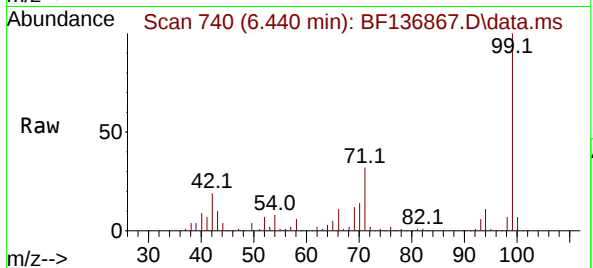




#7
Phenol-d6
Concen: 112.241 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

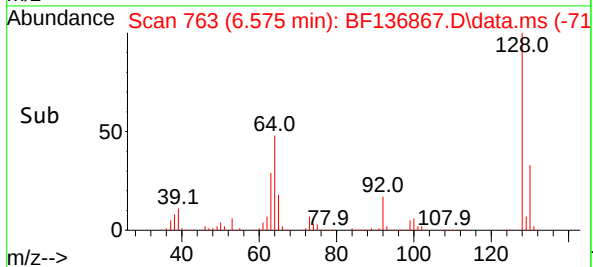
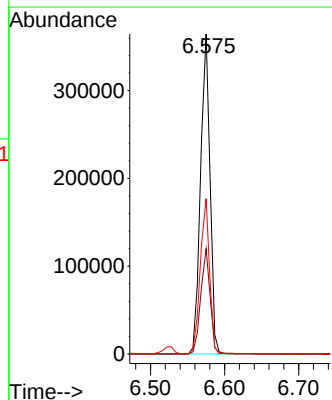
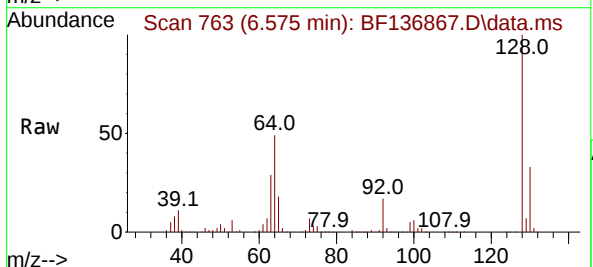
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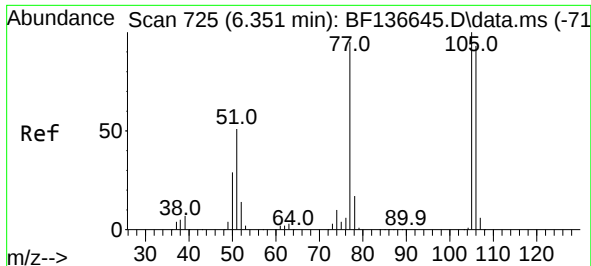
Tgt Ion: 99 Resp: 1013240
Ion Ratio Lower Upper
99 100
42 19.3 16.1 24.1
71 32.2 27.4 41.2



#8
2-Chlorophenol
Concen: 42.332 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:128 Resp: 322743
Ion Ratio Lower Upper
128 100
130 32.9 11.3 51.3
64 48.6 32.5 72.5





#9

Benzaldehyde

Concen: 11.202 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.017 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

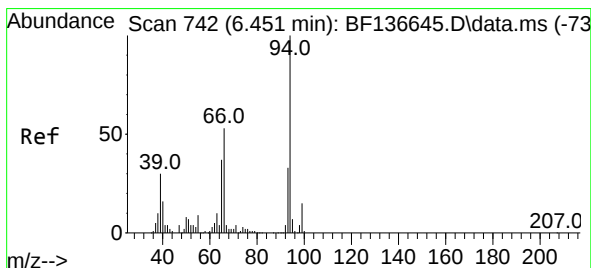
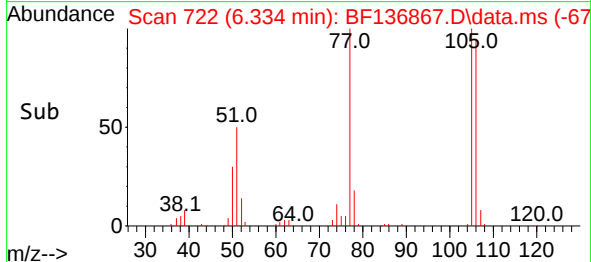
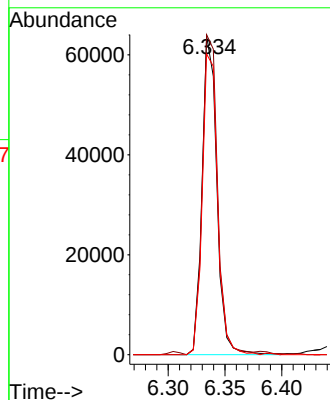
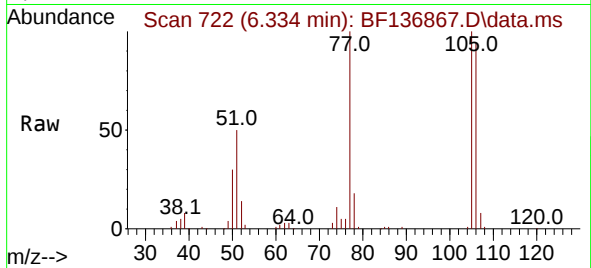
Tgt Ion: 77 Resp: 57522

Ion Ratio Lower Upper

77 100

105 100.5 84.8 124.8

106 94.4 77.8 117.8



#10

Phenol

Concen: 38.724 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.000 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

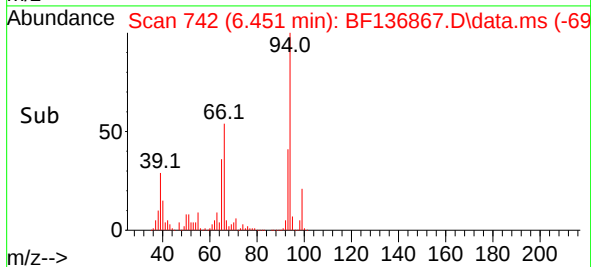
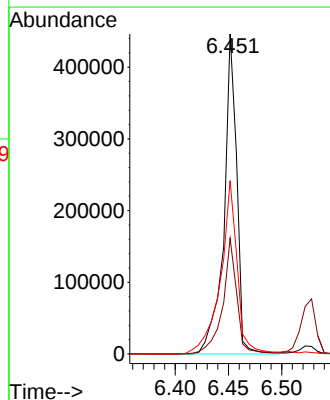
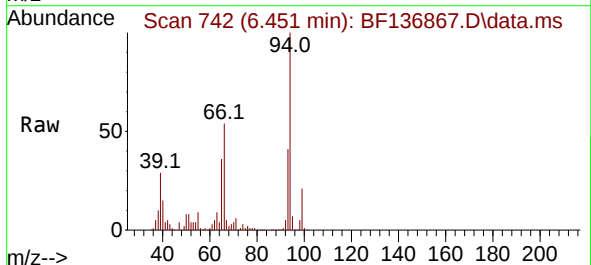
Tgt Ion: 94 Resp: 373171

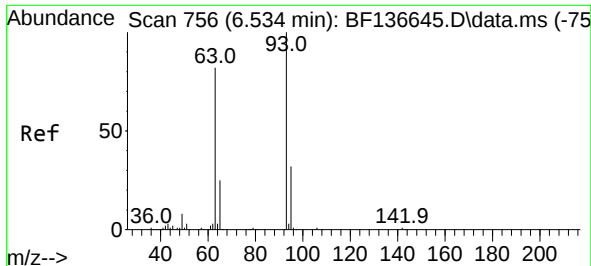
Ion Ratio Lower Upper

94 100

65 36.1 16.6 56.6

66 54.1 32.6 72.6

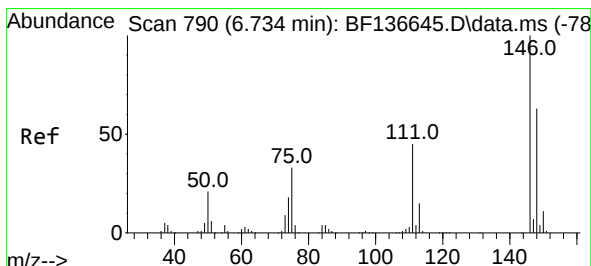
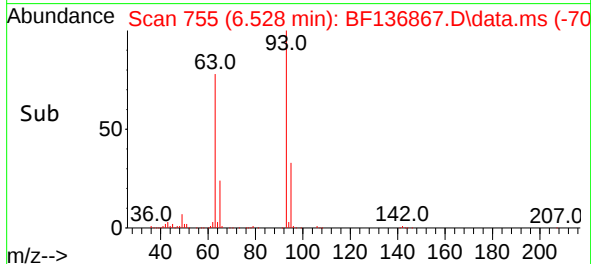
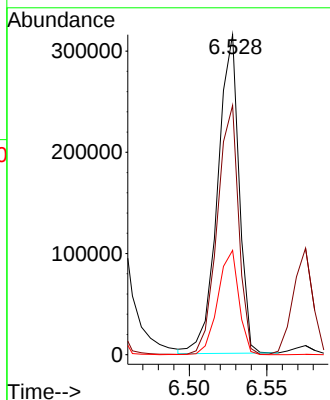
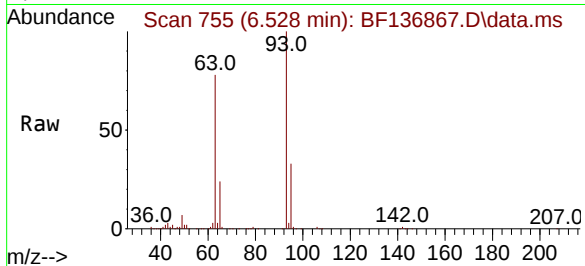




#11
bis(2-Chloroethyl)ether
Concen: 41.326 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

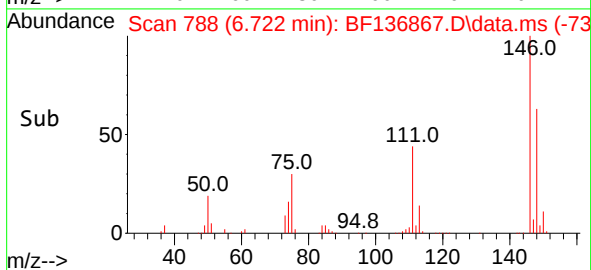
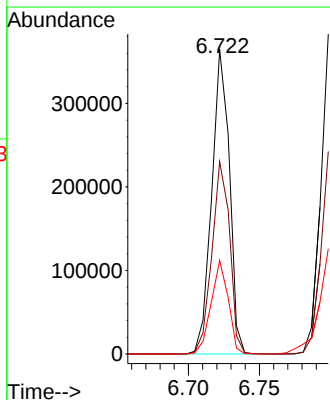
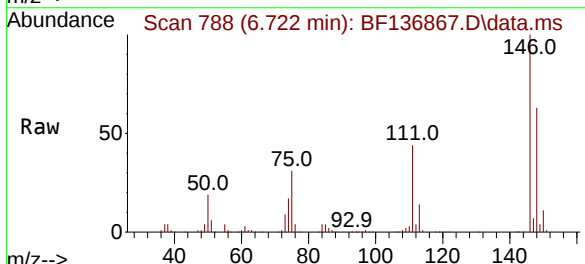
Instrument :
BNA_F
ClientSampleId :
PB158147BS

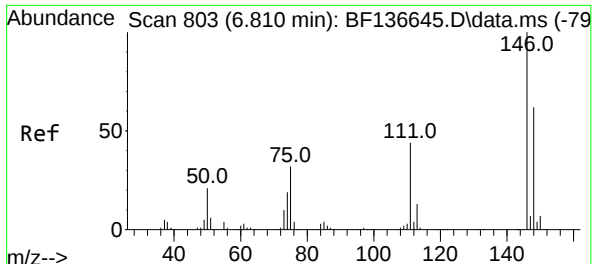
Tgt Ion: 93 Resp: 302864
Ion Ratio Lower Upper
93 100
63 77.9 61.2 101.2
95 32.6 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 37.773 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:146 Resp: 314162
Ion Ratio Lower Upper
146 100
148 63.2 50.5 75.7
75 30.7 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 37.970 ng

RT: 6.798 min Scan# 80

Delta R.T. -0.011 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

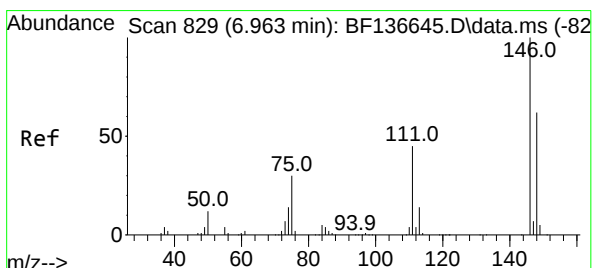
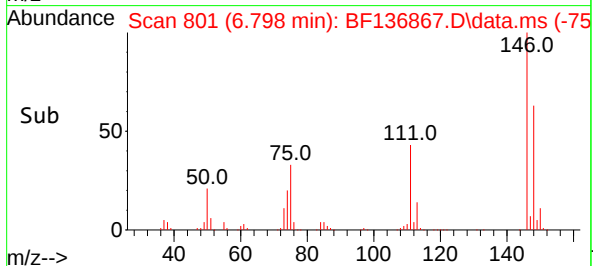
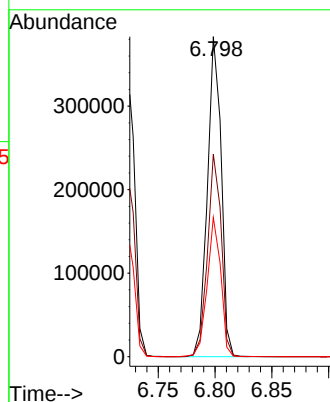
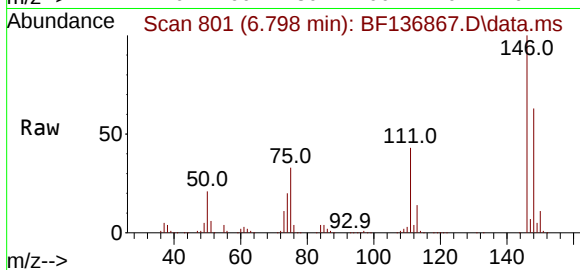
Tgt Ion:146 Resp: 322674

Ion Ratio Lower Upper

146 100

148 63.3 49.2 73.8

111 43.5 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 38.842 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.011 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

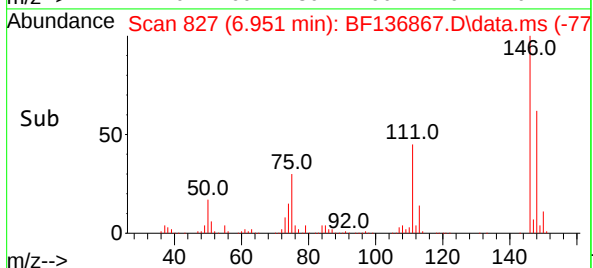
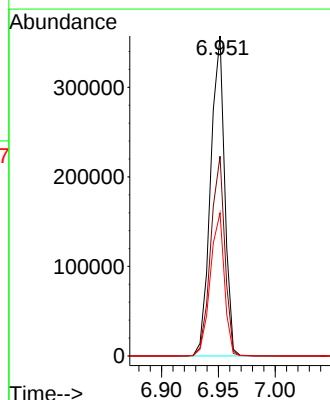
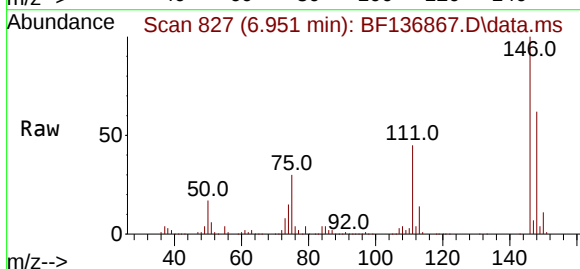
Tgt Ion:146 Resp: 307151

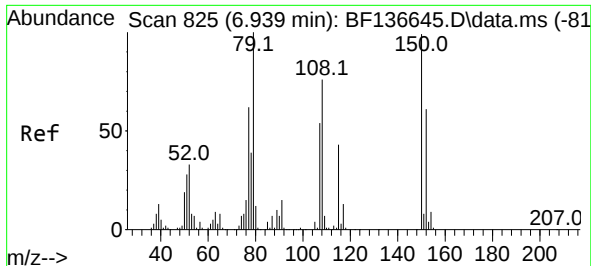
Ion Ratio Lower Upper

146 100

148 62.4 49.6 74.4

111 44.7 36.2 54.2

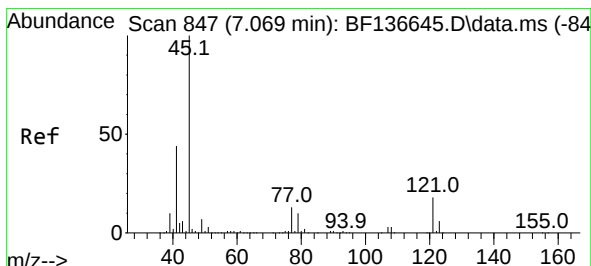
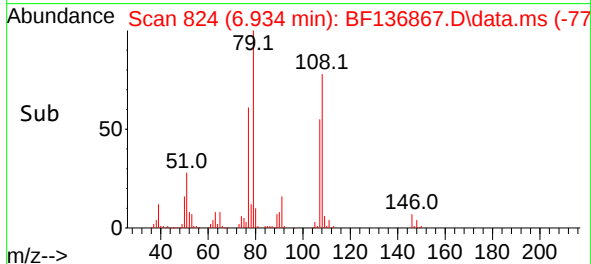
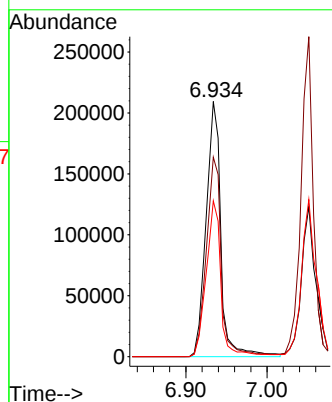
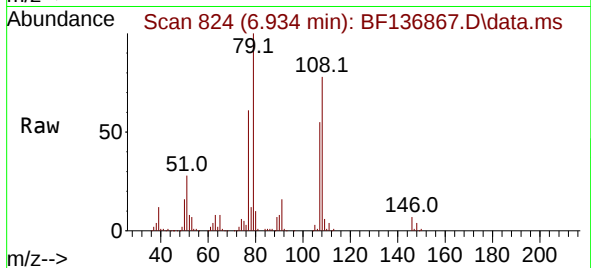




#15
Benzyl Alcohol
Concen: 43.331 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

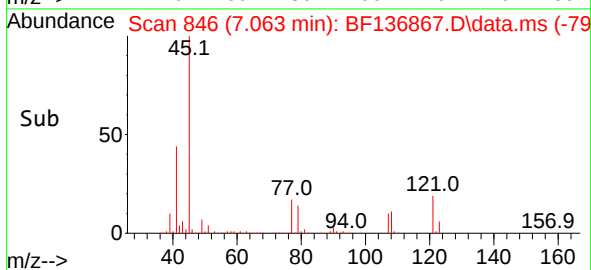
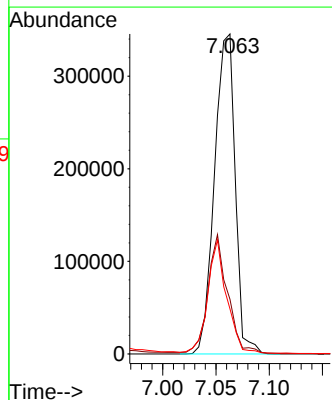
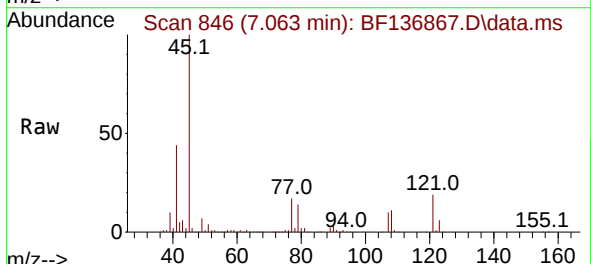
Instrument :
BNA_F
ClientSampleId :
PB158147BS

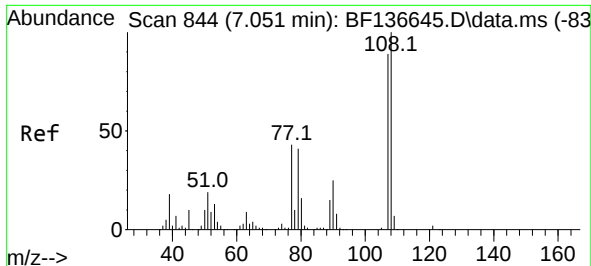
Tgt Ion: 79 Resp: 263897
Ion Ratio Lower Upper
79 100
108 78.2 61.0 91.6
77 61.1 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.909 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion: 45 Resp: 466198
Ion Ratio Lower Upper
45 100
77 17.1 0.0 34.3
79 14.1 0.0 31.4



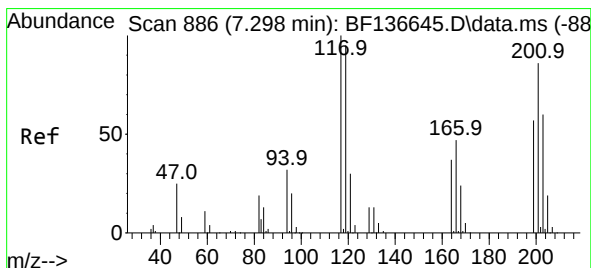
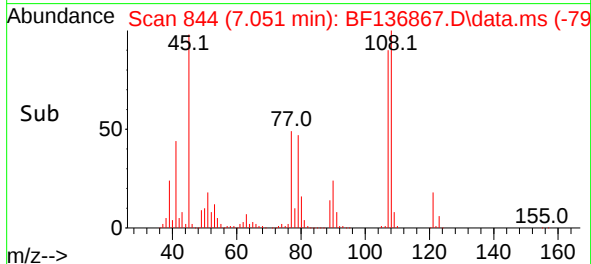
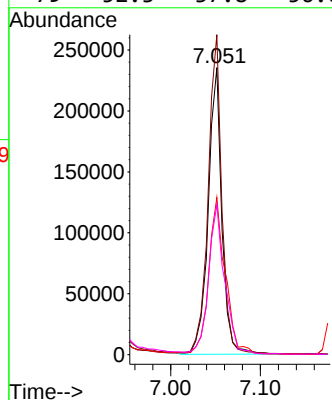
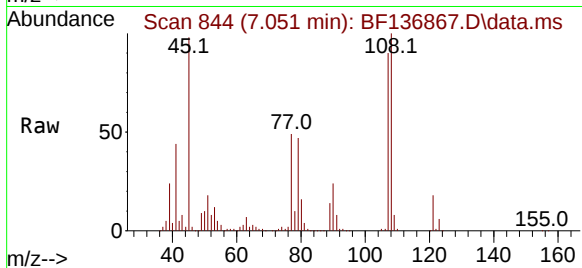


#17
2-Methylphenol
Concen: 39.455 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :
BNA_F
ClientSampleId :
PB158147BS

Tgt Ion:107 Resp: 249197

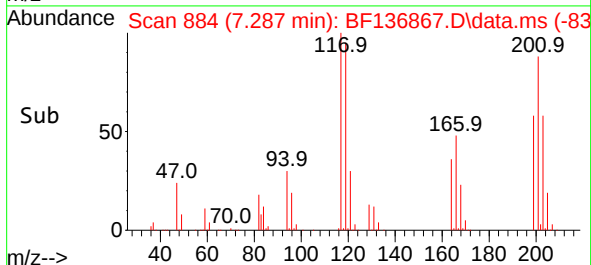
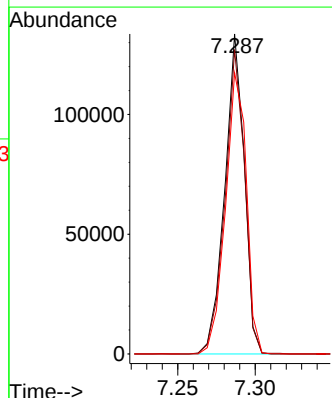
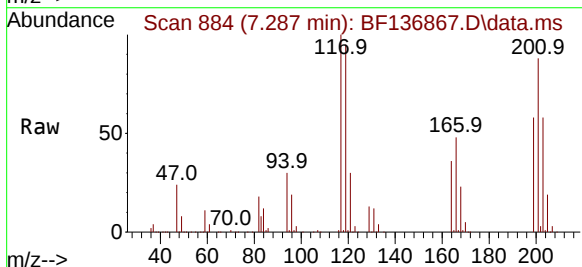
Ion	Ratio	Lower	Upper
107	100		
108	111.5	90.3	135.5
77	54.7	38.7	58.1
79	52.3	37.8	56.6



#18
Hexachloroethane
Concen: 38.067 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:117 Resp: 117487

Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.8	113.6
201	87.8	69.1	103.7



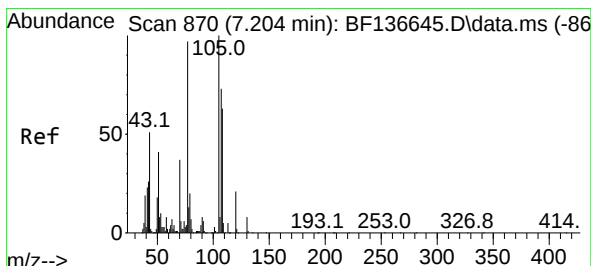
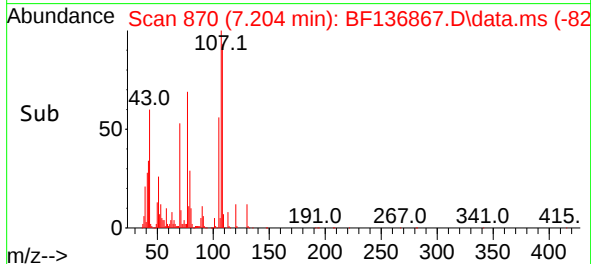
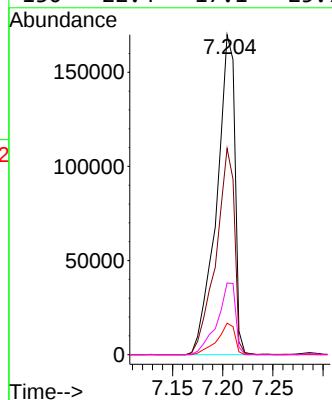
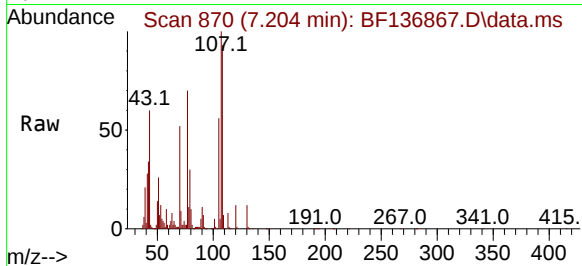


#19
n-Nitroso-di-n-propylamine
Concen: 39.394 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :
BNA_F
ClientSampleId :
PB158147BS

Tgt Ion: 70 Resp: 215575

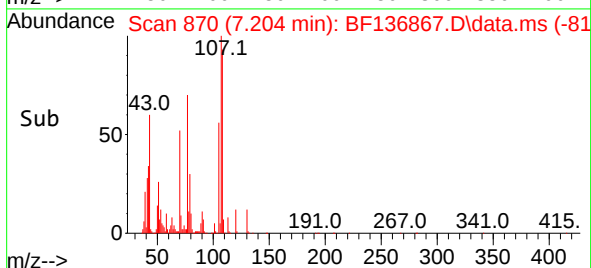
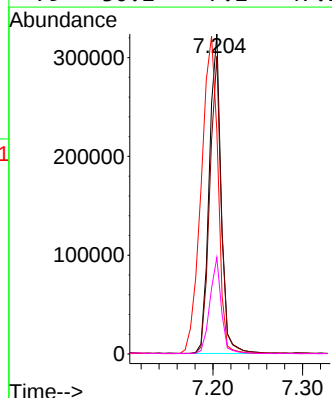
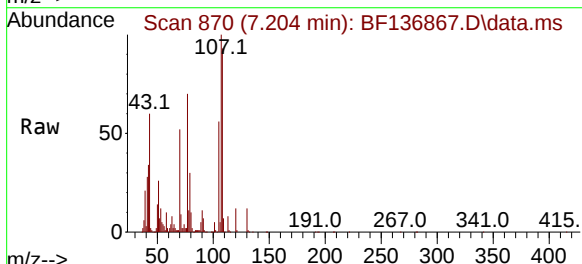
Ion	Ratio	Lower	Upper
70	100		
42	64.5	54.2	81.4
101	9.9	7.6	11.4
130	22.4	17.1	25.7

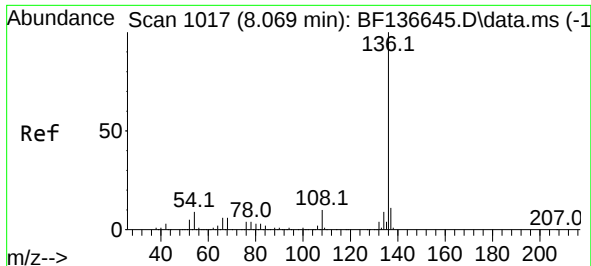


#20
3+4-Methylphenols
Concen: 37.655 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion: 107 Resp: 297125

Ion	Ratio	Lower	Upper
107	100		
108	93.0	66.0	106.0
77	69.8	114.2	154.2#
79	30.2	7.2	47.2



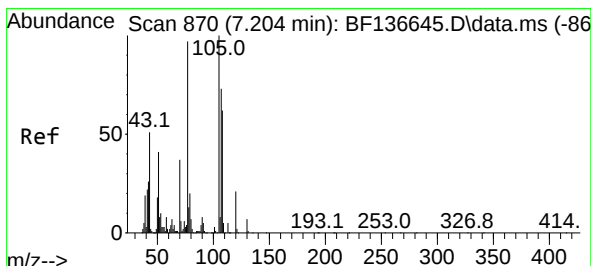
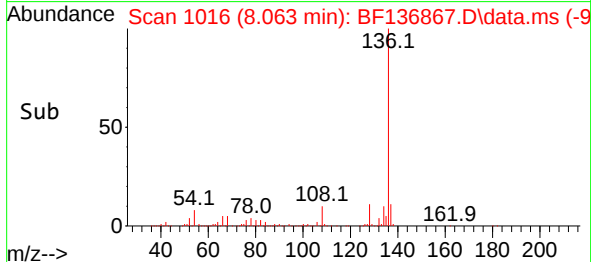
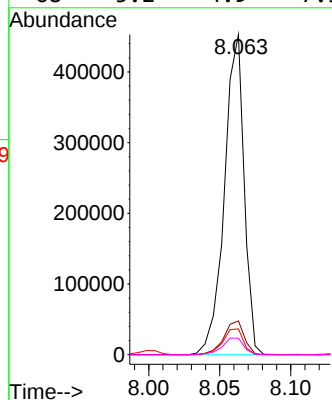
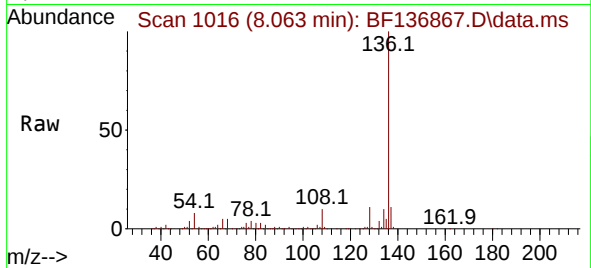


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :
BNA_F
ClientSampleId :
PB158147BS

Tgt Ion:136 Resp: 436688

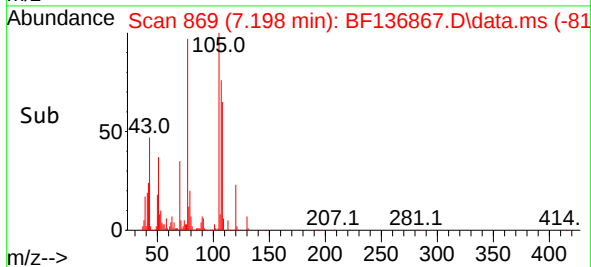
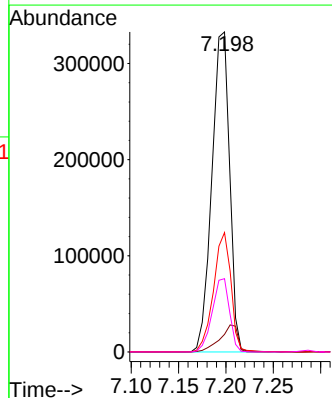
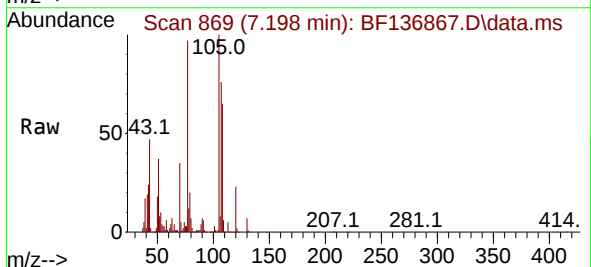
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	8.0	7.2	10.8
68	5.2	4.9	7.3

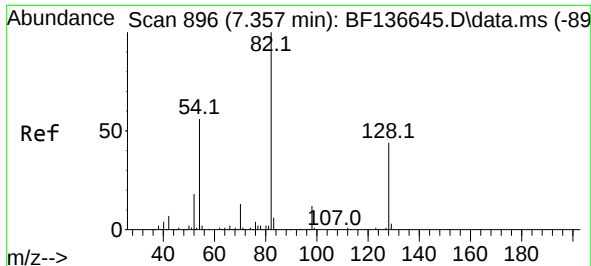


#22
Acetophenone
Concen: 39.627 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:105 Resp: 433735

Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.8	7.2
51	37.3	32.8	49.2
120	22.9	17.0	25.6





#23

Nitrobenzene-d5

Concen: 73.212 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

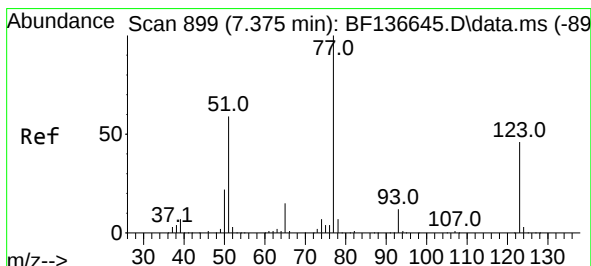
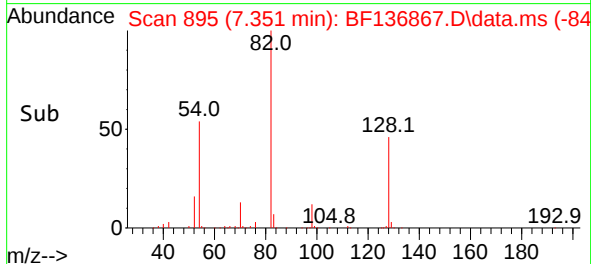
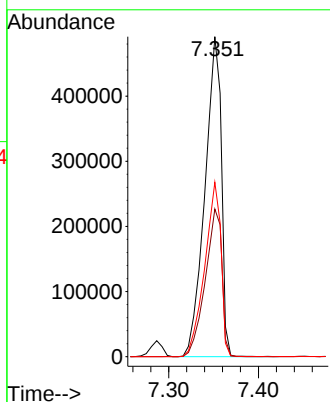
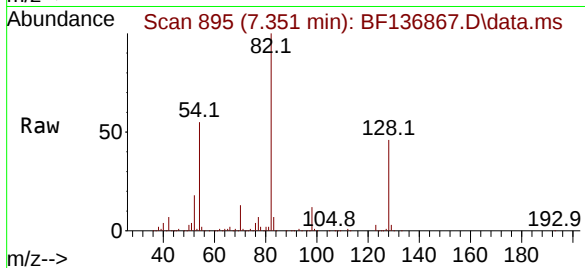
Tgt Ion: 82 Resp: 624785

Ion Ratio Lower Upper

82 100

128 46.2 35.3 52.9

54 54.5 44.5 66.7



#24

Nitrobenzene

Concen: 37.494 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

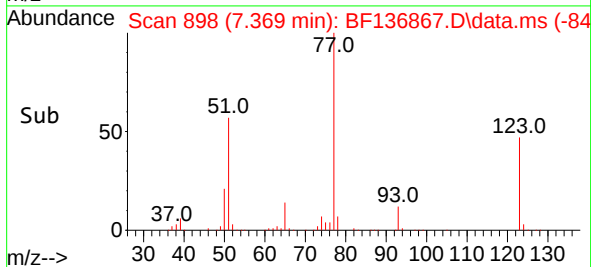
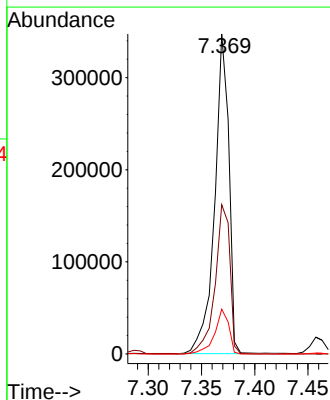
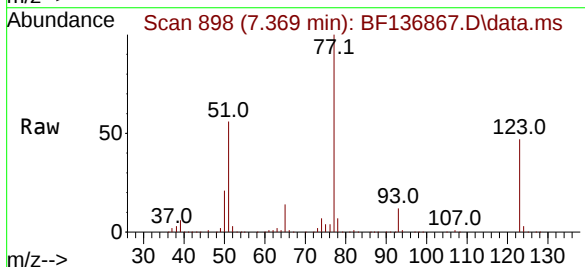
Tgt Ion: 77 Resp: 320523

Ion Ratio Lower Upper

77 100

123 46.7 36.7 55.1

65 14.0 11.8 17.6

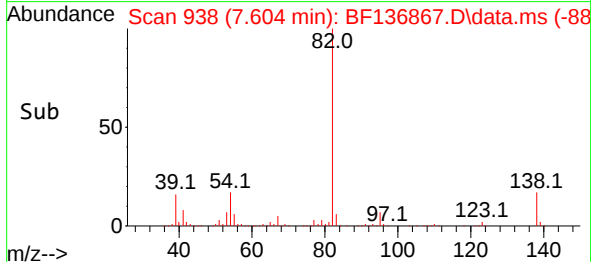
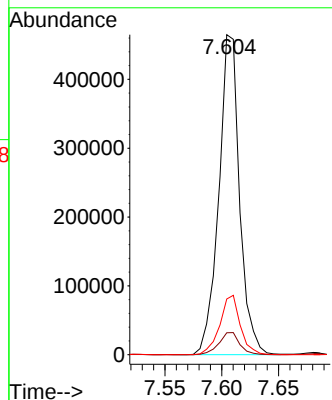
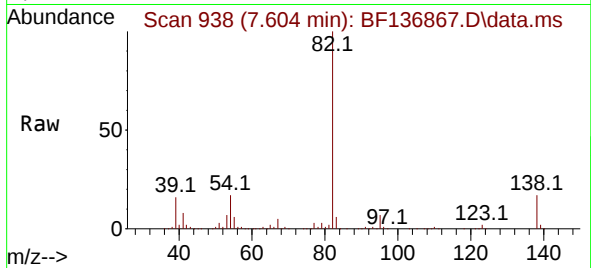




#25
Isophorone
Concen: 38.190 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

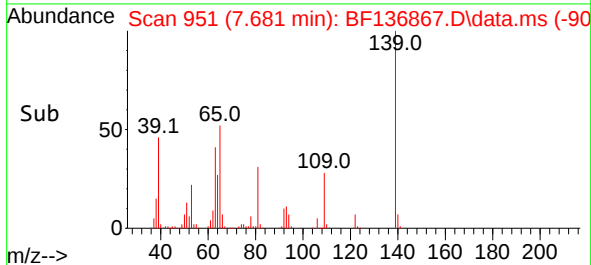
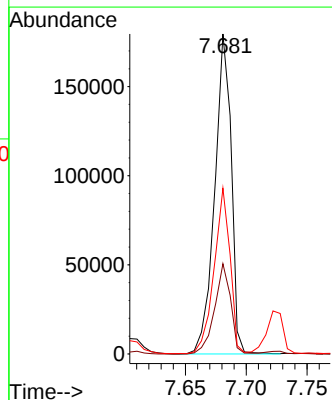
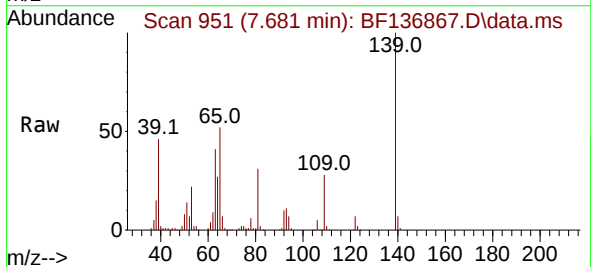
Instrument :
BNA_F
ClientSampleId :
PB158147BS

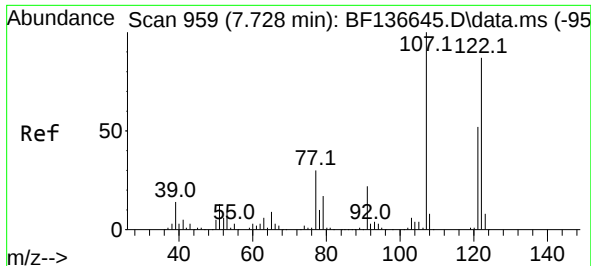
Tgt Ion: 82 Resp: 593022
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.4 14.5 21.7



#26
2-Nitrophenol
Concen: 41.459 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion: 139 Resp: 169571
Ion Ratio Lower Upper
139 100
109 28.2 21.9 32.9
65 51.8 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 49.968 ng

RT: 7.728 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

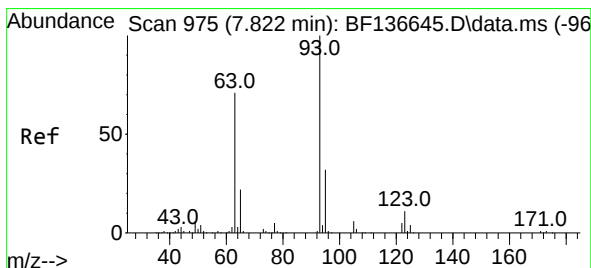
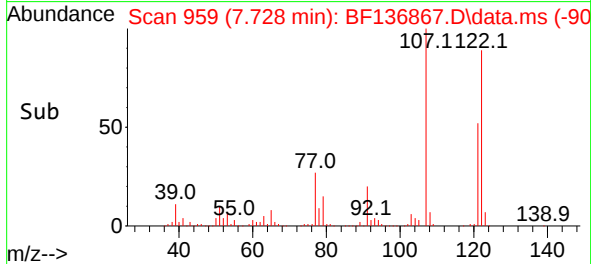
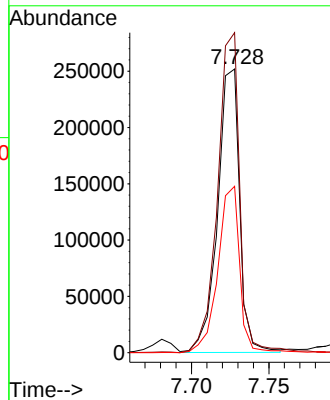
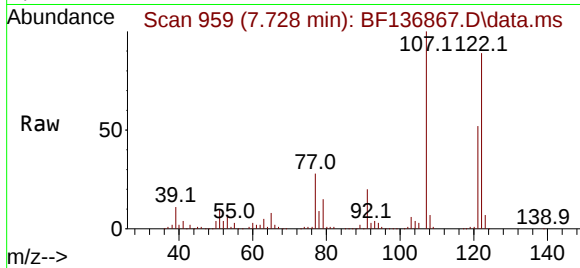
Tgt Ion:122 Resp: 248810

Ion Ratio Lower Upper

122 100

107 112.8 92.0 138.0

121 58.7 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 37.947 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

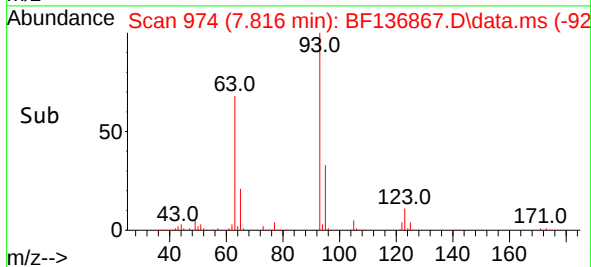
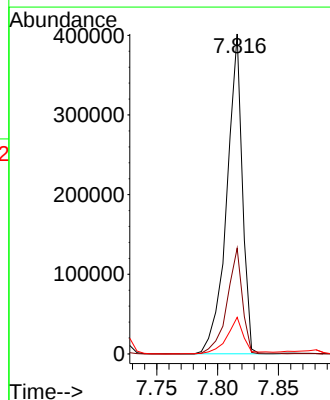
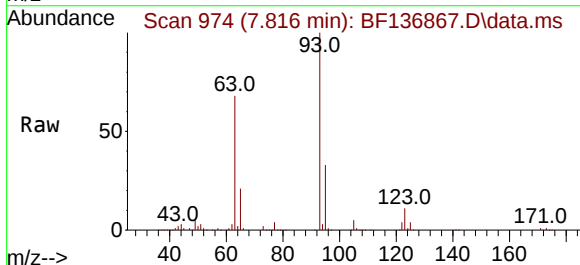
Tgt Ion: 93 Resp: 358181

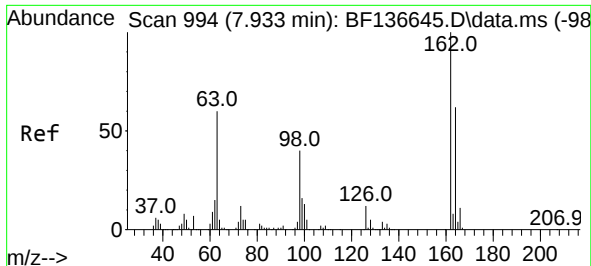
Ion Ratio Lower Upper

93 100

95 33.1 25.5 38.3

123 11.5 9.2 13.8

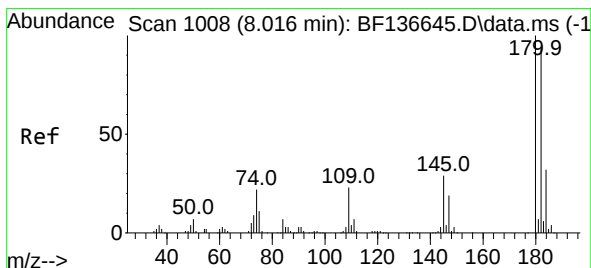
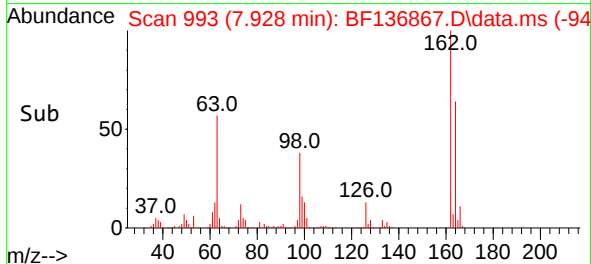
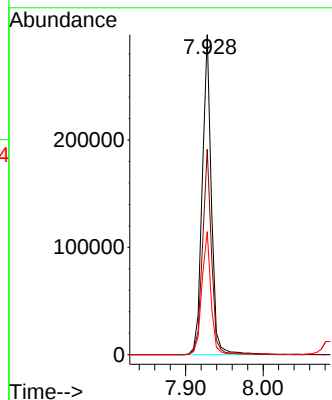
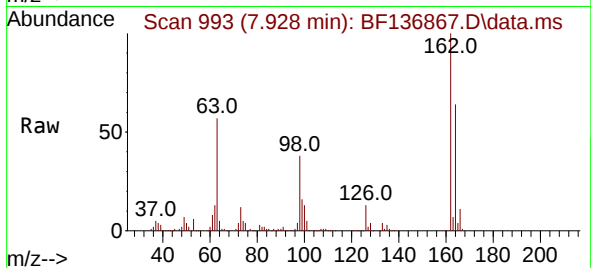




#29
2,4-Dichlorophenol
Concen: 38.165 ng
RT: 7.928 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

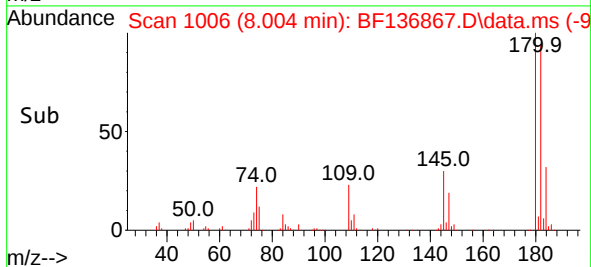
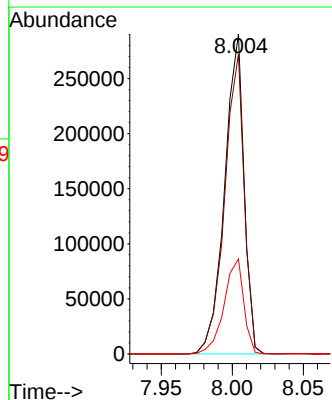
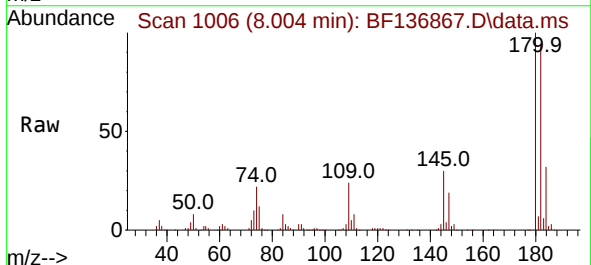
Instrument :
BNA_F
ClientSampleId :
PB158147BS

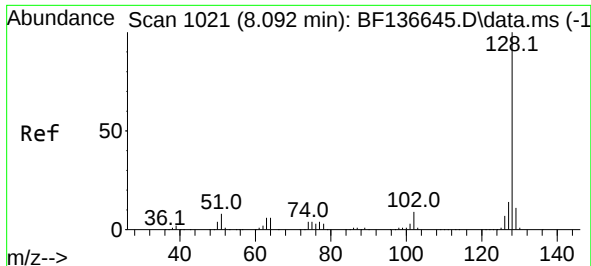
Tgt Ion:162 Resp: 244663
Ion Ratio Lower Upper
162 100
164 64.1 41.7 81.7
98 38.5 19.5 59.5



#30
1,2,4-Trichlorobenzene
Concen: 38.594 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:180 Resp: 275664
Ion Ratio Lower Upper
180 100
182 93.7 75.4 113.0
145 29.7 23.1 34.7

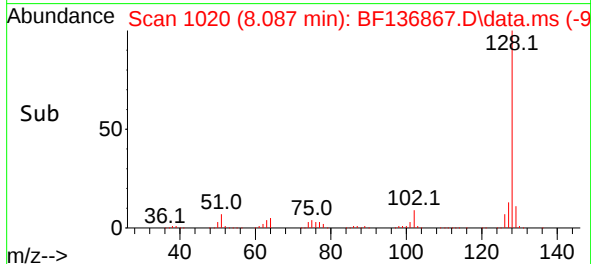
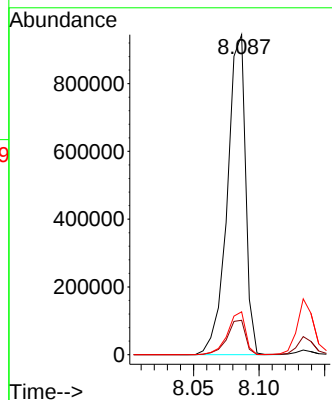
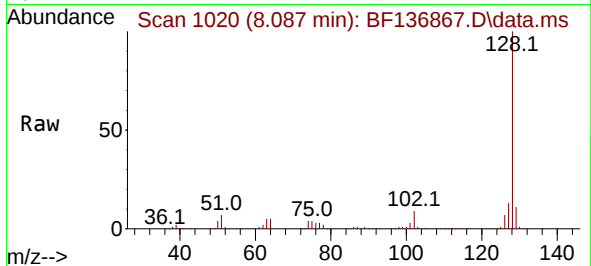




#31
Naphthalene
Concen: 38.074 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

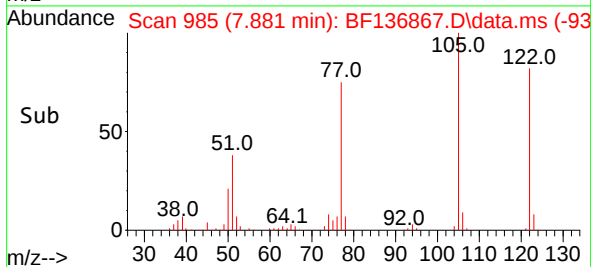
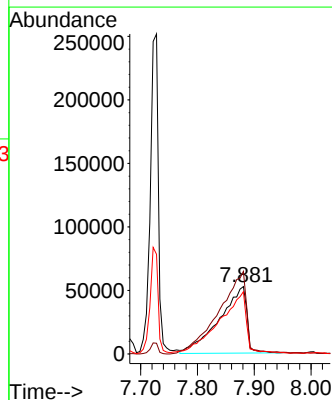
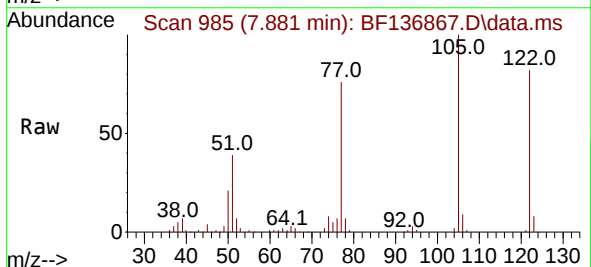
Instrument :
BNA_F
ClientSampleId :
PB158147BS

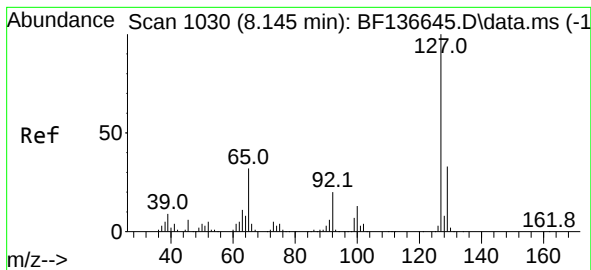
Tgt Ion:128 Resp: 913401
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 36.492 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.024 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:122 Resp: 175815
Ion Ratio Lower Upper
122 100
105 122.4 100.8 140.8
77 92.5 70.9 110.9





#33

4-Chloroaniline

Concen: 18.606 ng

RT: 8.134 min Scan# 1030

Delta R.T. -0.011 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

Tgt Ion:127 Resp: 164804

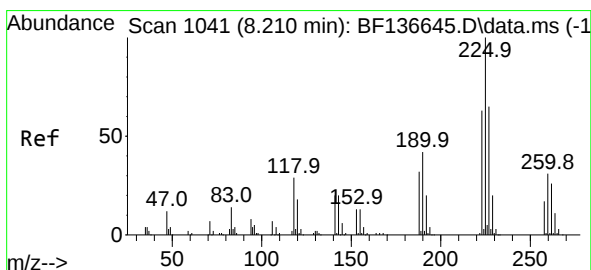
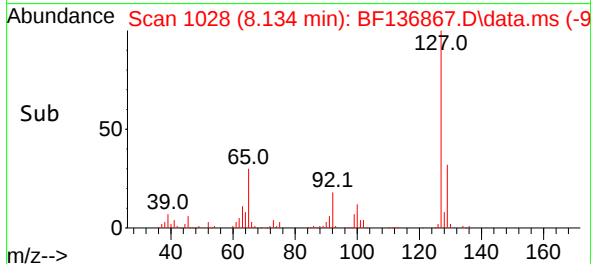
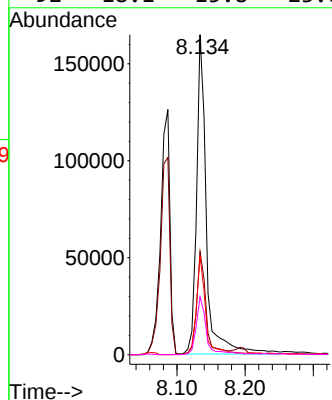
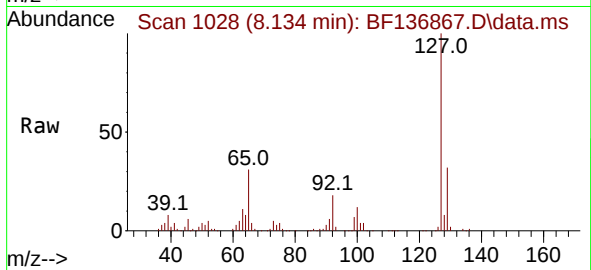
Ion Ratio Lower Upper

127 100

129 32.2 26.3 39.5

65 30.8 25.8 38.8

92 18.1 15.8 23.6



#34

Hexachlorobutadiene

Concen: 36.557 ng

RT: 8.193 min Scan# 1038

Delta R.T. -0.017 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

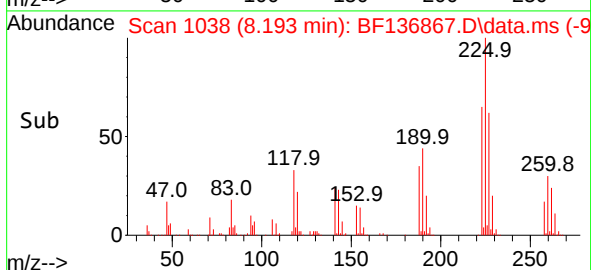
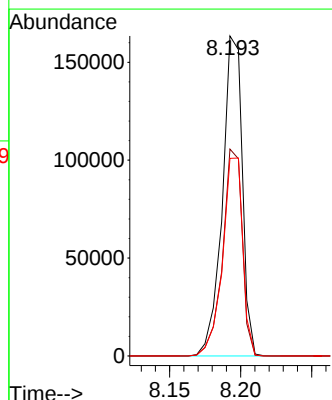
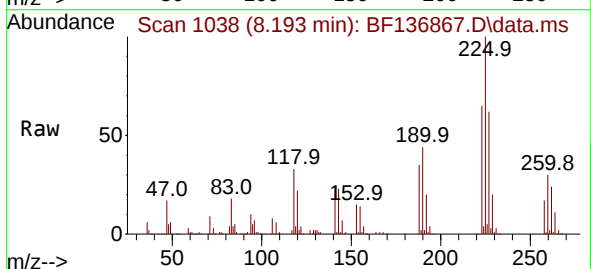
Tgt Ion:225 Resp: 158643

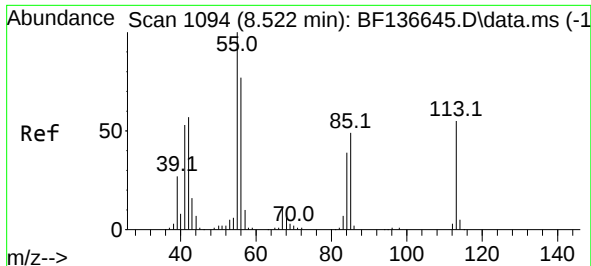
Ion Ratio Lower Upper

225 100

223 64.7 50.6 76.0

227 61.8 51.9 77.9

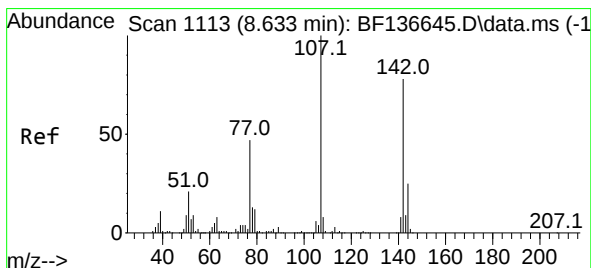
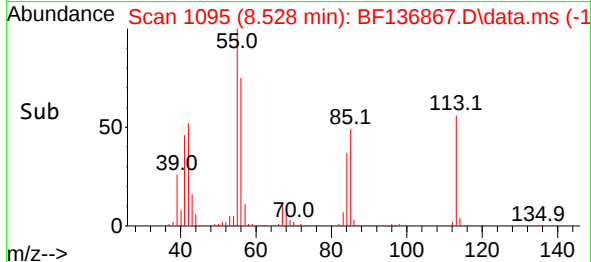
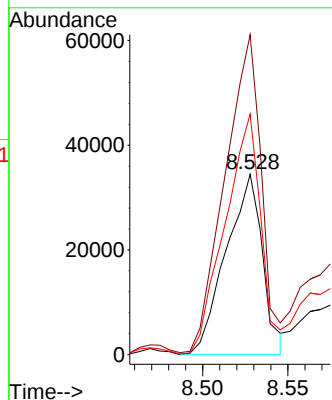
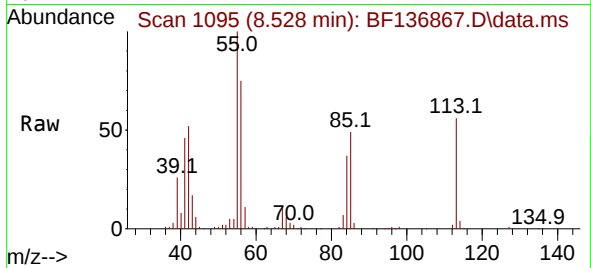




#35
 Caprolactam
 Concen: 24.220 ng
 RT: 8.528 min Scan# 1094
 Delta R.T. 0.006 min
 Lab File: BF136867.D
 Acq: 02 Jan 2024 12:54

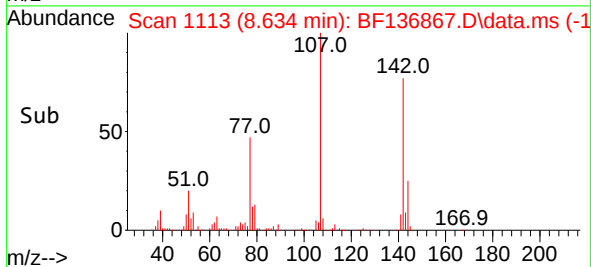
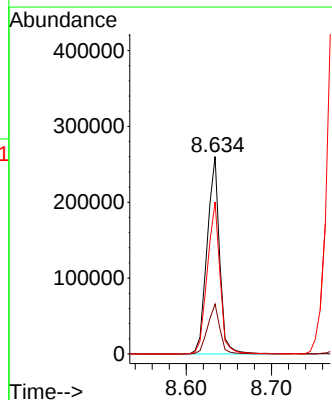
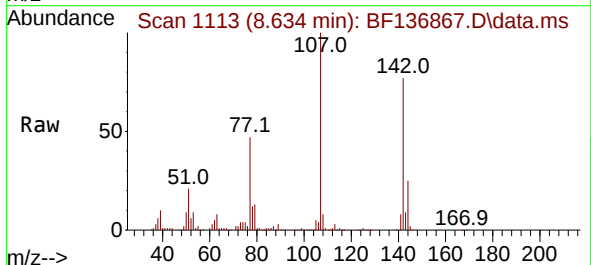
Instrument :
 BNA_F
 ClientSampleId :
 PB158147BS

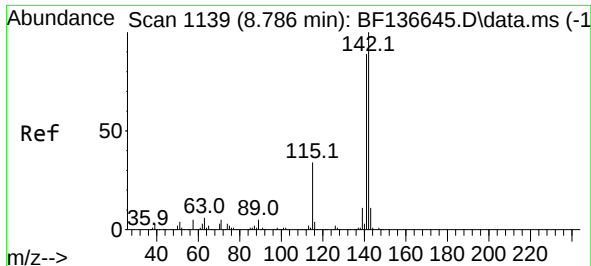
Tgt Ion:113 Resp: 51221
 Ion Ratio Lower Upper
 113 100
 55 177.4 163.1 203.1
 56 133.4 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 36.839 ng
 RT: 8.634 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF136867.D
 Acq: 02 Jan 2024 12:54

Tgt Ion:107 Resp: 265864
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.2 30.2
 142 77.0 62.3 93.5





#37

2-Methylnaphthalene

Concen: 37.078 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.011 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

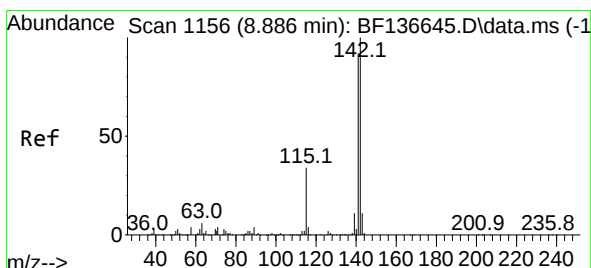
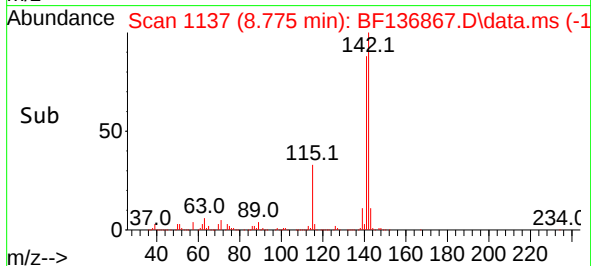
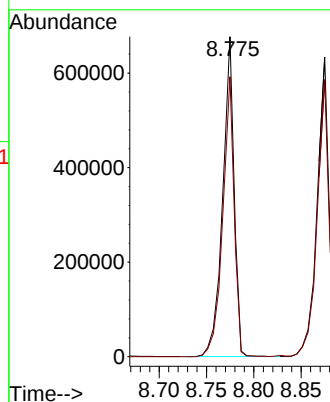
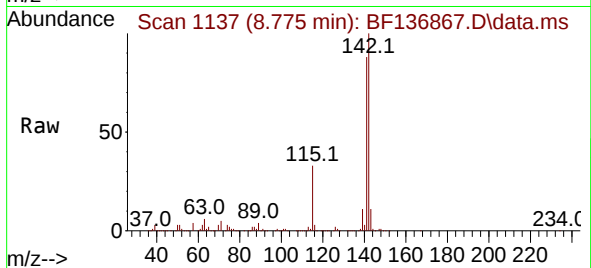
PB158147BS

Tgt Ion:142 Resp: 572474

Ion Ratio Lower Upper

142 100

141 87.5 71.1 106.7



#38

1-Methylnaphthalene

Concen: 35.996 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136867.D

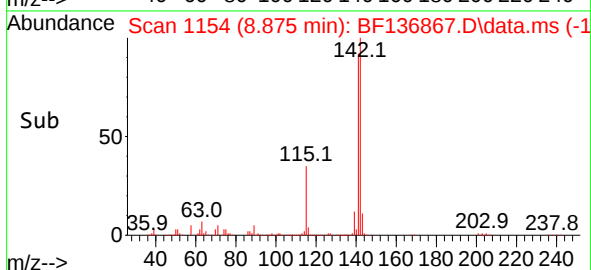
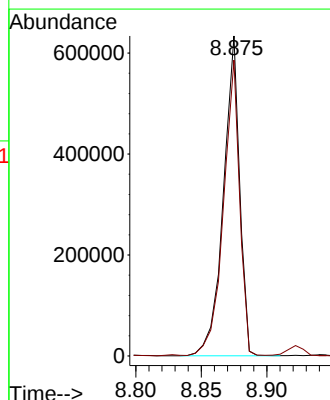
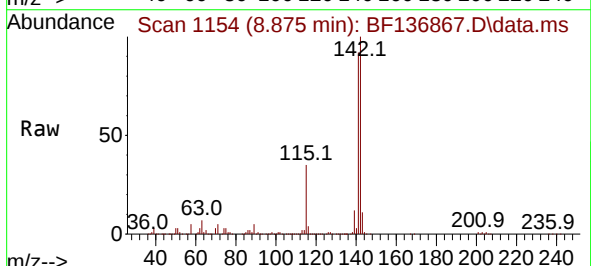
Acq: 02 Jan 2024 12:54

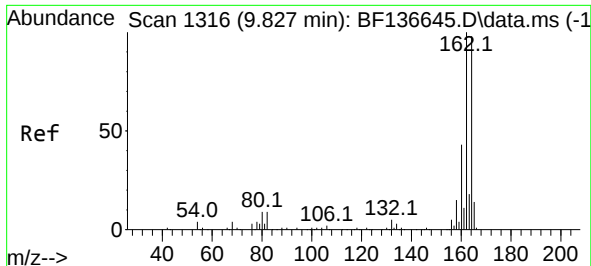
Tgt Ion:142 Resp: 545251

Ion Ratio Lower Upper

142 100

141 92.5 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

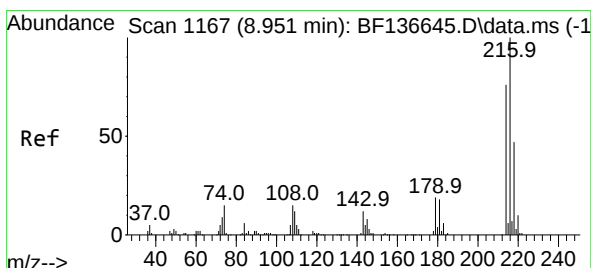
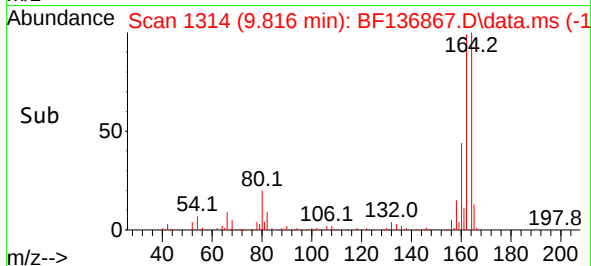
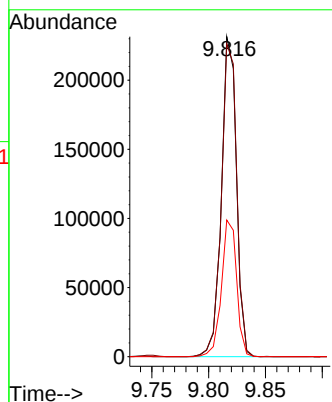
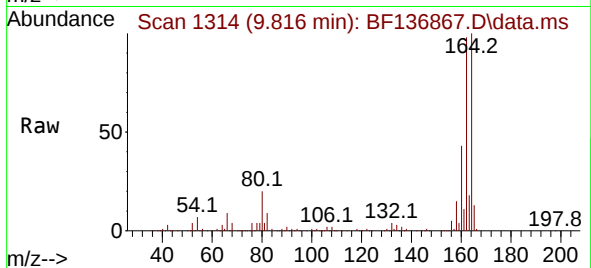
Tgt Ion:164 Resp: 213242

Ion Ratio Lower Upper

164 100

162 97.8 81.6 122.4

160 42.7 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.550 ng

RT: 8.940 min Scan# 1165

Delta R.T. -0.011 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Tgt Ion:216 Resp: 274393

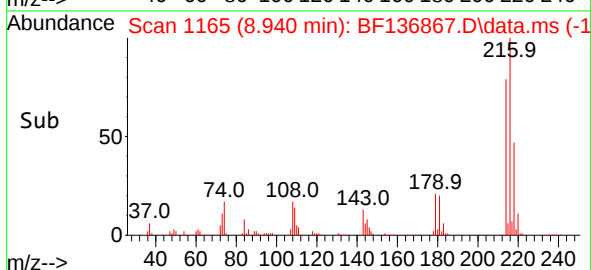
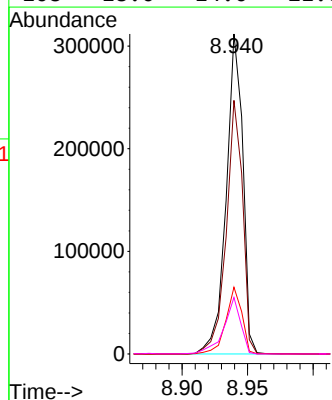
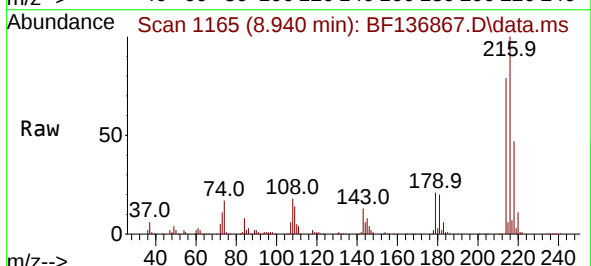
Ion Ratio Lower Upper

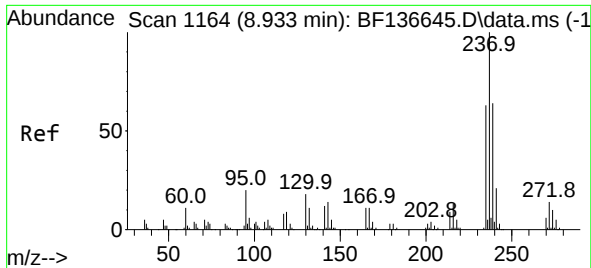
216 100

214 78.0 62.3 93.5

179 20.1 16.4 24.6

108 18.0 14.0 21.0

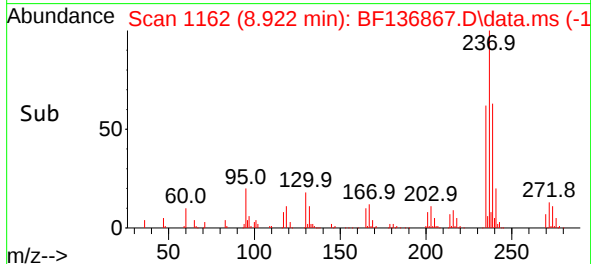
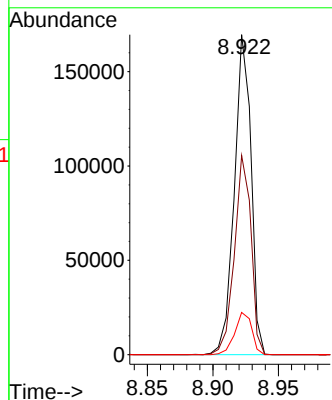
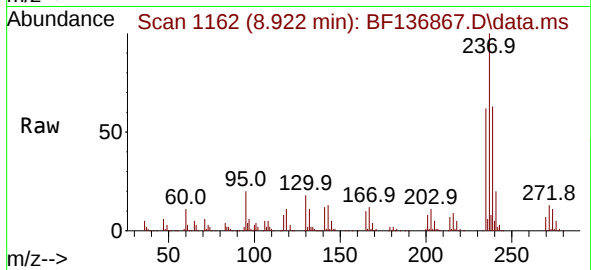




#41
Hexachlorocyclopentadiene
Concen: 71.978 ng
RT: 8.922 min Scan# 1164
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

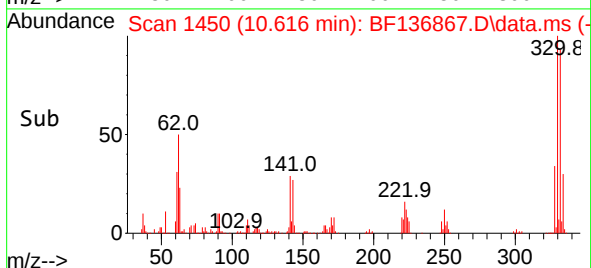
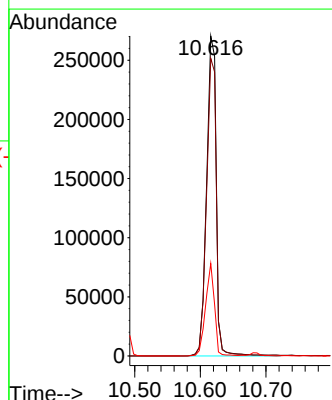
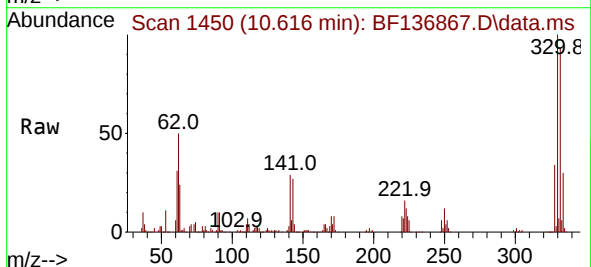
Instrument :
BNA_F
ClientSampleId :
PB158147BS

Tgt Ion:237 Resp: 150458
Ion Ratio Lower Upper
237 100
235 62.3 43.2 83.2
272 13.2 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 110.810 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:330 Resp: 278287
Ion Ratio Lower Upper
330 100
332 94.3 77.4 116.0
141 26.7 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 41.050 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

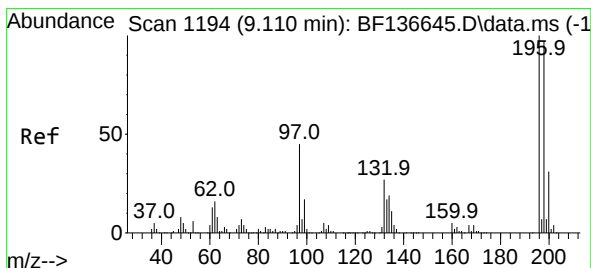
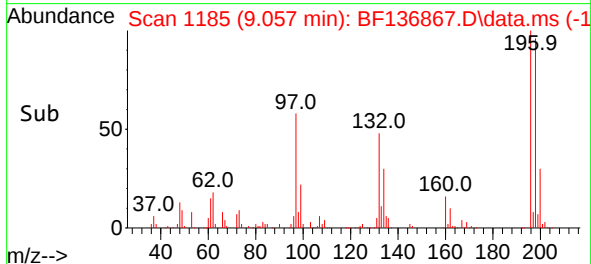
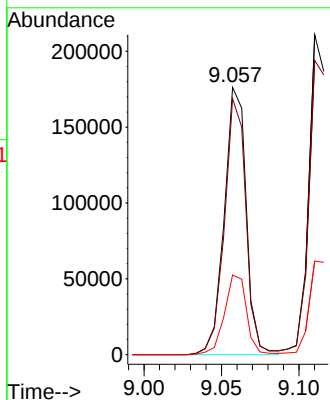
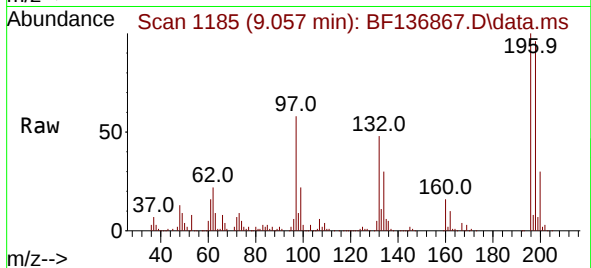
Tgt Ion:196 Resp: 173856

Ion Ratio Lower Upper

196 100

198 95.8 75.1 112.7

200 29.8 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 38.460 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Tgt Ion:196 Resp: 181516

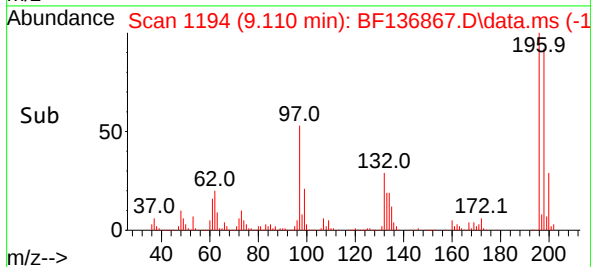
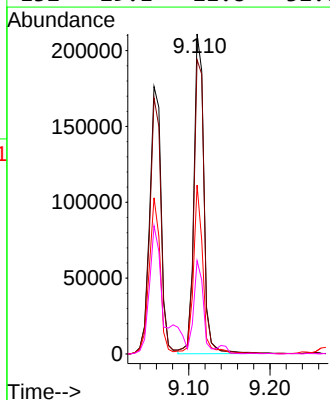
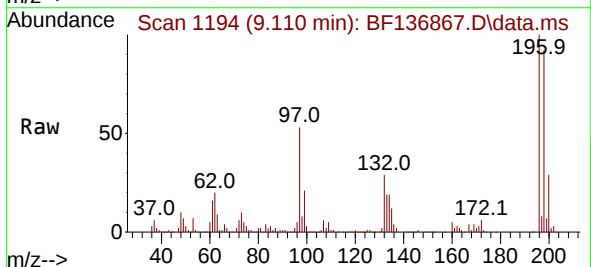
Ion Ratio Lower Upper

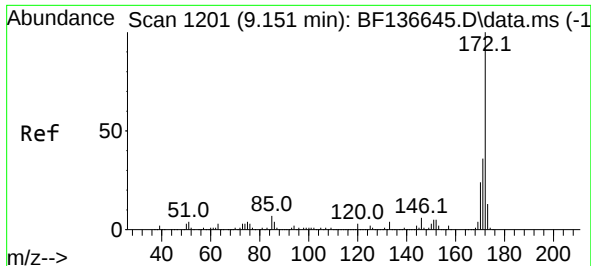
196 100

198 91.9 77.0 115.6

97 52.7 36.1 54.1

132 29.1 21.8 32.6

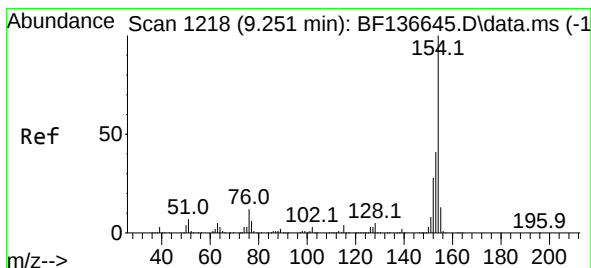
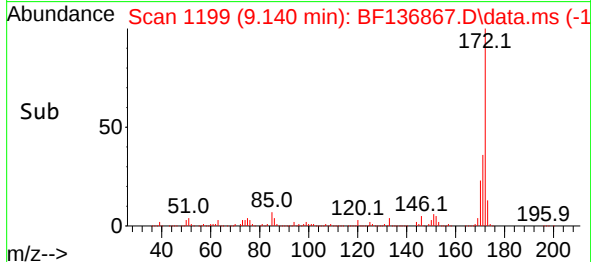
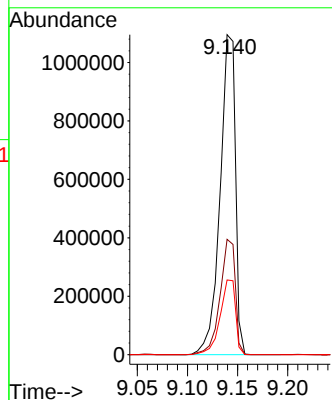
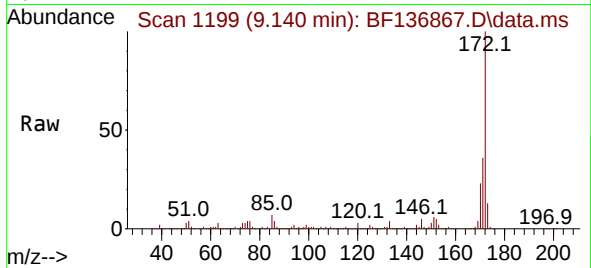




#45
2-Fluorobiphenyl
Concen: 73.454 ng
RT: 9.140 min Scan# 1199
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

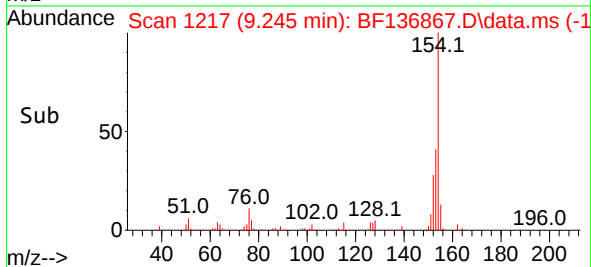
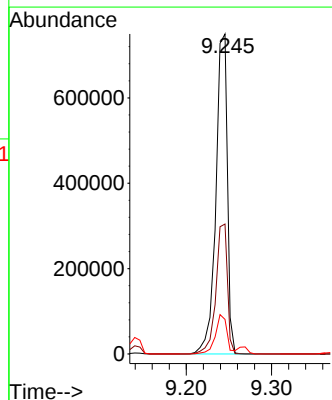
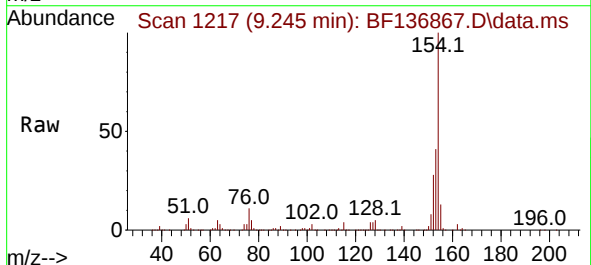
Instrument :
BNA_F
ClientSampleId :
PB158147BS

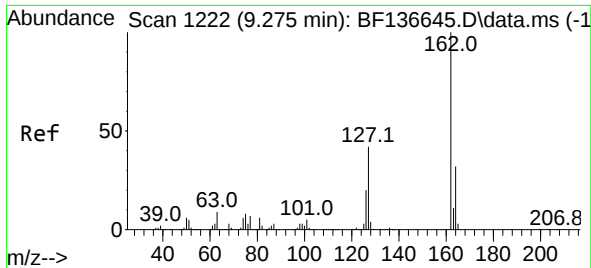
Tgt Ion:172 Resp: 1164580
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 23.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 39.365 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:154 Resp: 704412
Ion Ratio Lower Upper
154 100
153 40.6 21.1 61.1
76 10.8 0.0 31.7

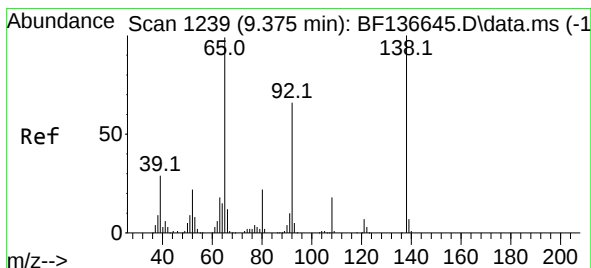
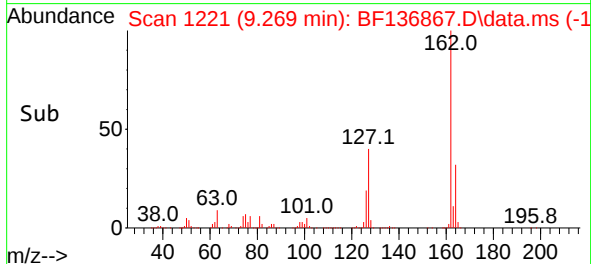
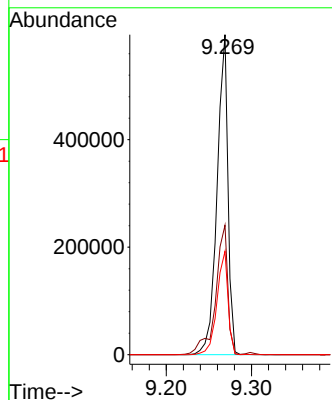
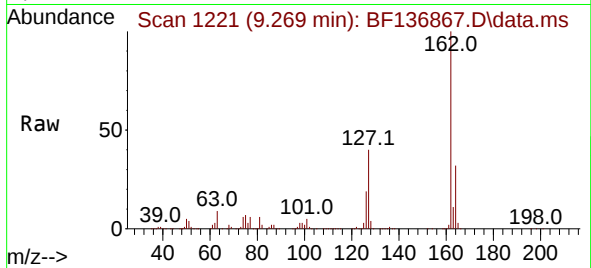




#47
2-Chloronaphthalene
Concen: 39.020 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

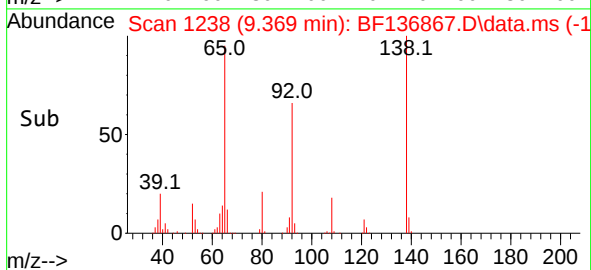
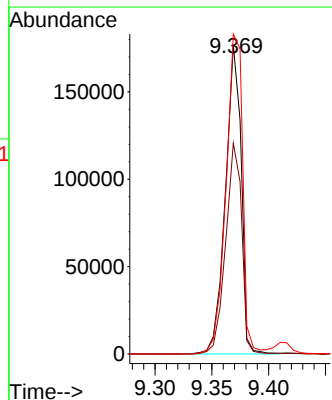
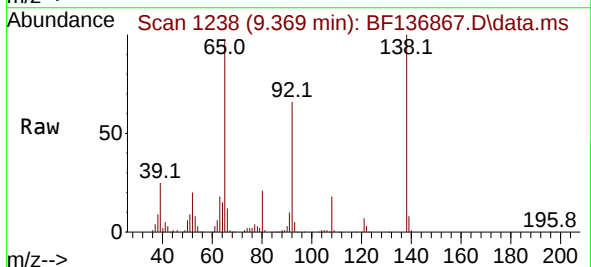
Instrument :
BNA_F
ClientSampleId :
PB158147BS

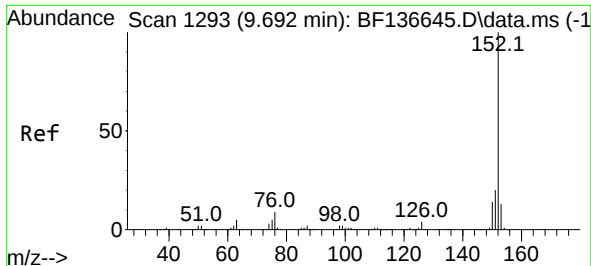
Tgt Ion:162 Resp: 530811
Ion Ratio Lower Upper
162 100
127 40.5 33.6 50.4
164 32.3 25.7 38.5



#48
2-Nitroaniline
Concen: 40.107 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion: 65 Resp: 170854
Ion Ratio Lower Upper
65 100
92 68.3 53.2 79.8
138 103.6 81.1 121.7

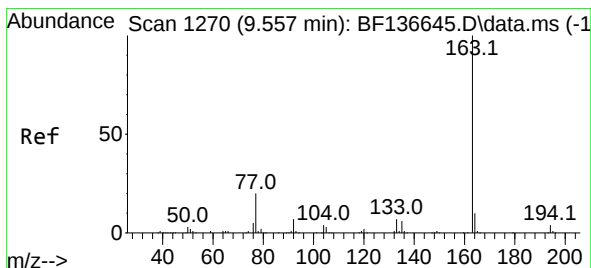
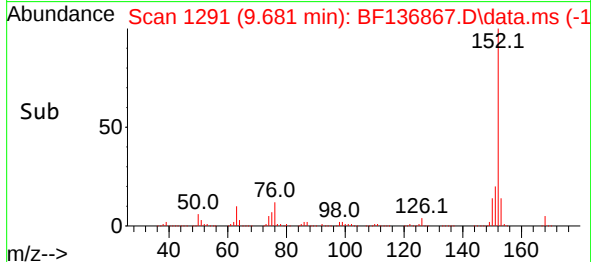
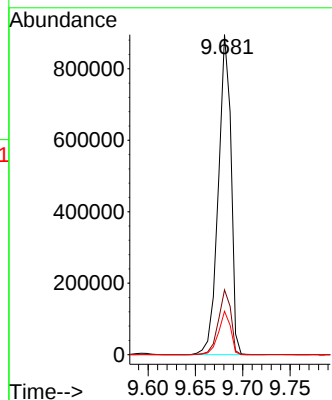
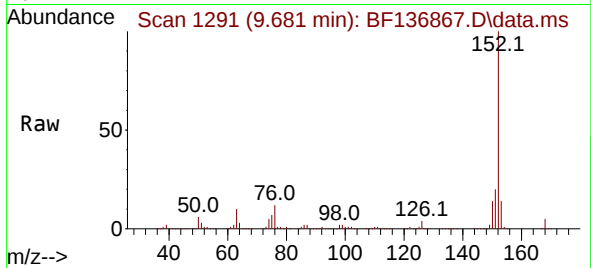




#49
Acenaphthylene
Concen: 40.017 ng
RT: 9.681 min Scan# 1291
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

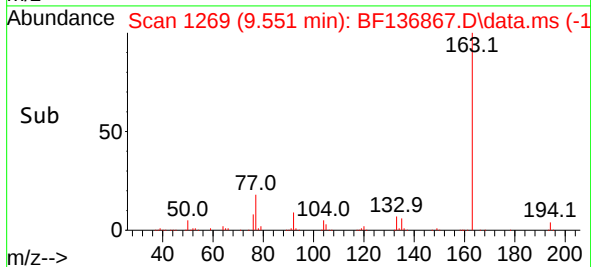
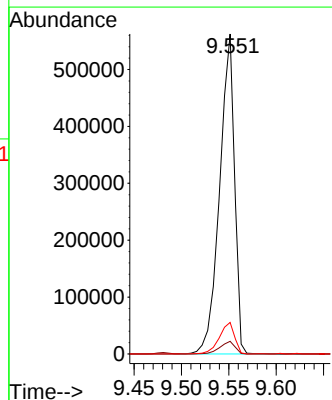
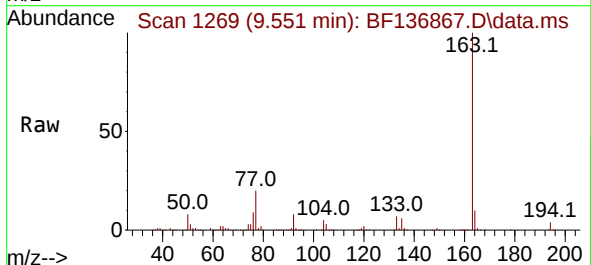
Instrument :
BNA_F
ClientSampleId :
PB158147BS

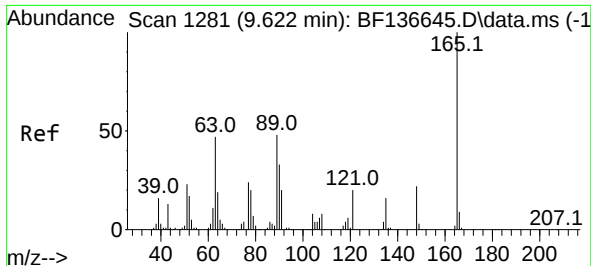
Tgt Ion:152 Resp: 832062
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.6 10.2 15.2



#50
Dimethylphthalate
Concen: 39.624 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:163 Resp: 617178
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.8 7.8 11.6

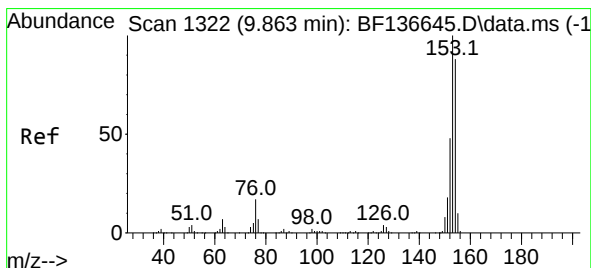
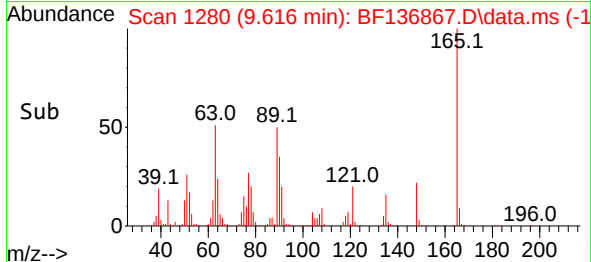
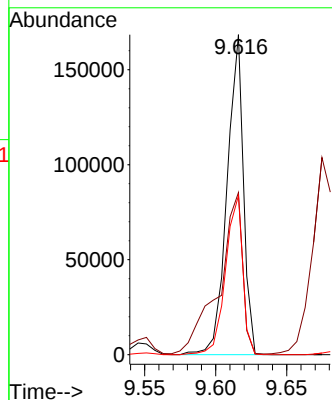
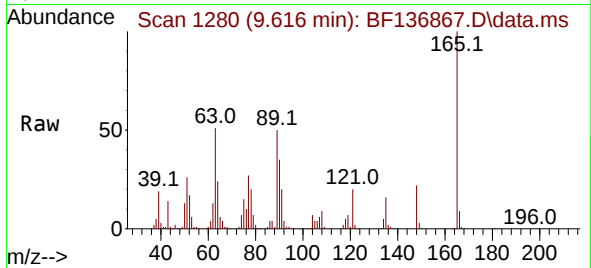




#51
2,6-Dinitrotoluene
Concen: 38.291 ng
RT: 9.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

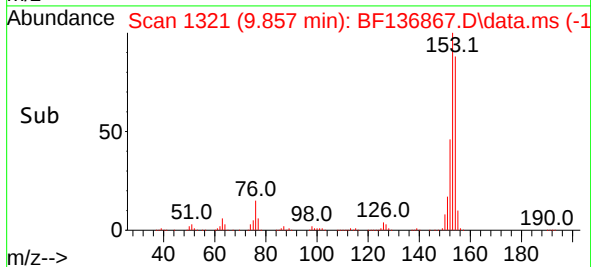
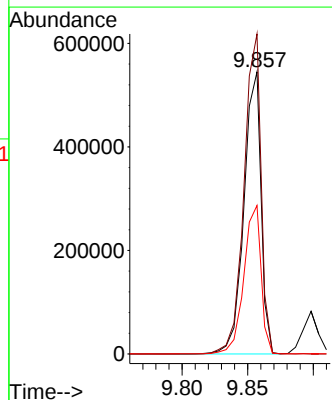
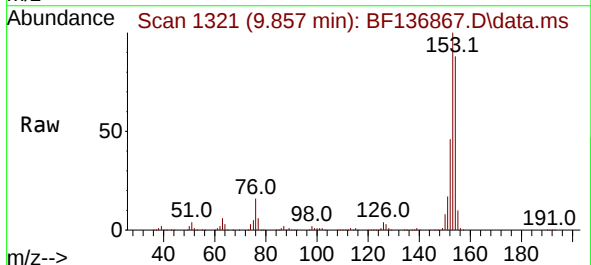
Instrument :
BNA_F
ClientSampleId :
PB158147BS

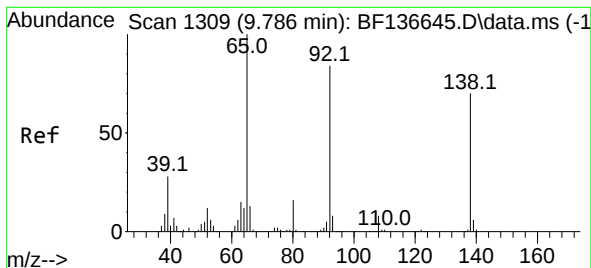
Tgt Ion:165 Resp: 135357
Ion Ratio Lower Upper
165 100
63 50.6 39.8 59.6
89 49.7 38.8 58.2



#52
Acenaphthene
Concen: 38.530 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:154 Resp: 496619
Ion Ratio Lower Upper
154 100
153 113.5 90.7 136.1
152 52.6 43.7 65.5





#53

3-Nitroaniline

Concen: 31.128 ng

RT: 9.787 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

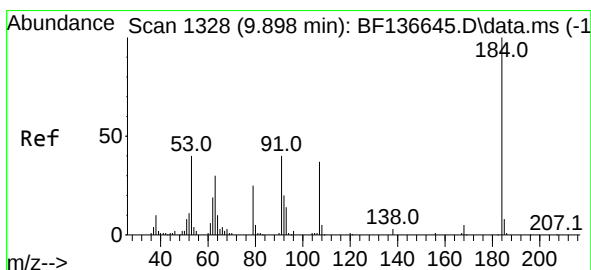
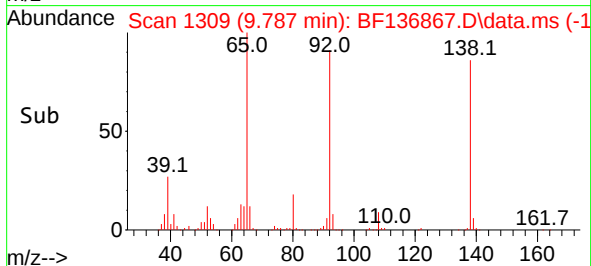
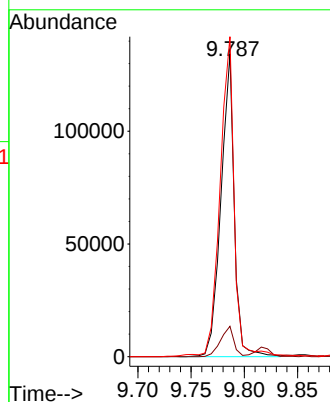
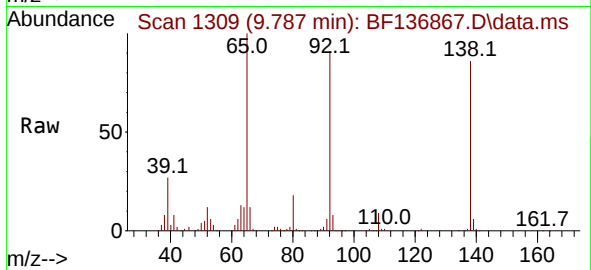
Tgt Ion:138 Resp: 116563

Ion Ratio Lower Upper

138 100

108 10.0 8.6 12.8

92 105.7 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 64.182 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

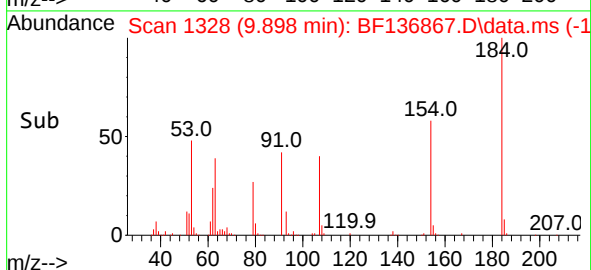
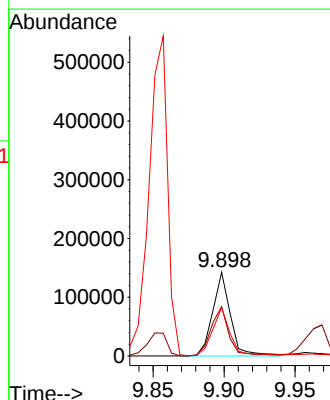
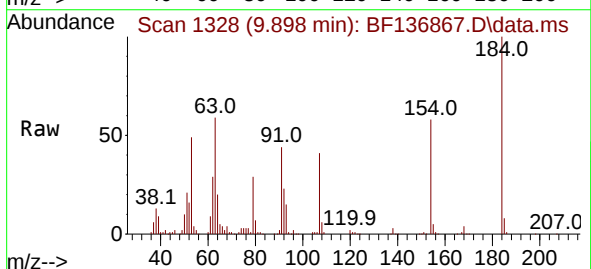
Tgt Ion:184 Resp: 124223

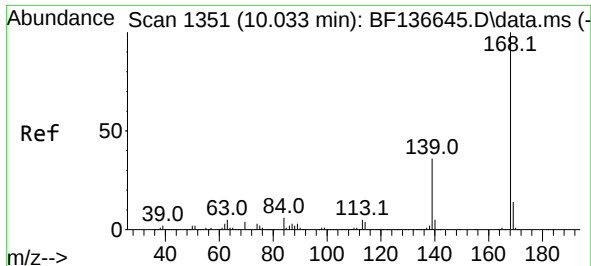
Ion Ratio Lower Upper

184 100

63 58.8 40.9 61.3

154 57.9 42.7 64.1

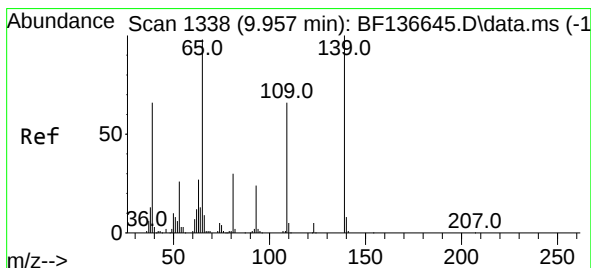
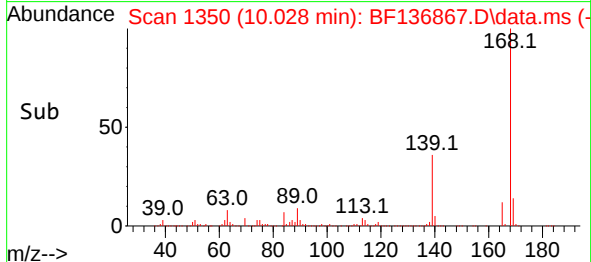
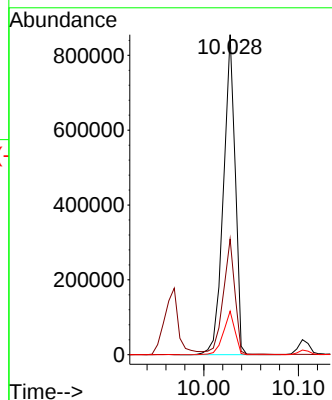
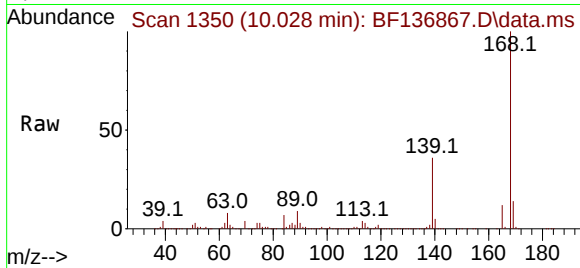




#55
Dibenzofuran
Concen: 37.965 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

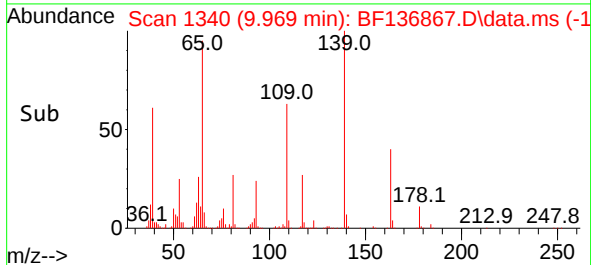
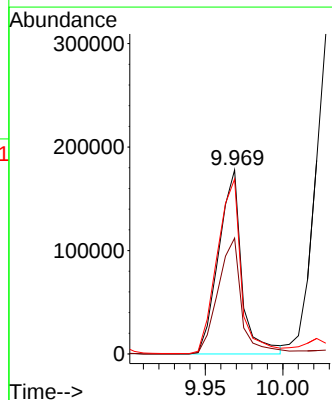
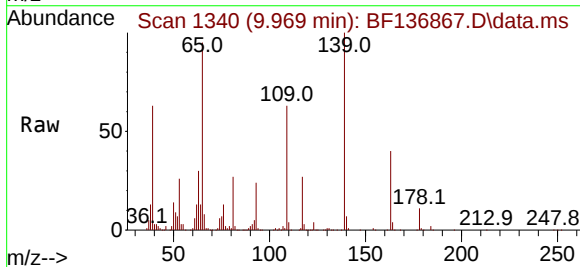
Instrument :
BNA_F
ClientSampleId :
PB158147BS

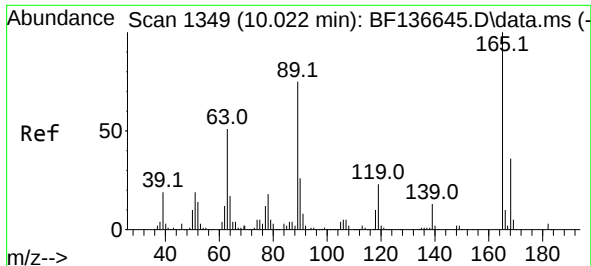
Tgt Ion:168 Resp: 741763
Ion Ratio Lower Upper
168 100
139 36.2 29.3 43.9
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 72.973 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:139 Resp: 184462
Ion Ratio Lower Upper
139 100
109 63.0 45.8 85.8
65 95.1 77.8 117.8

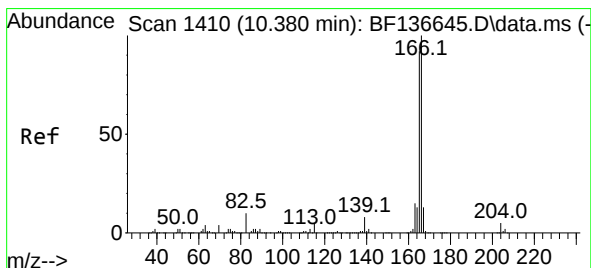
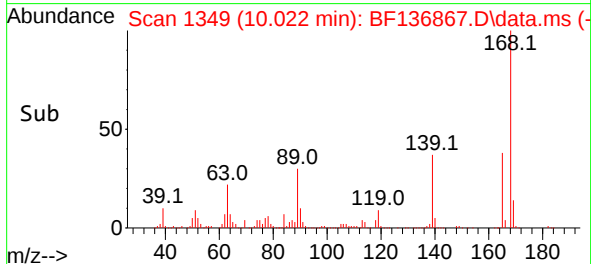
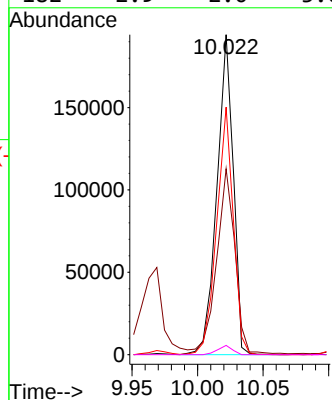
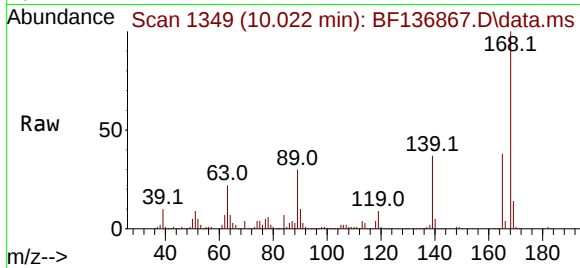




#57
2,4-Dinitrotoluene
Concen: 36.592 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

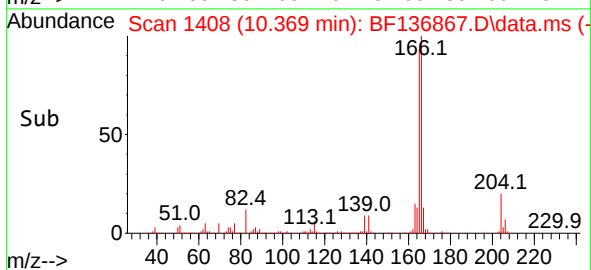
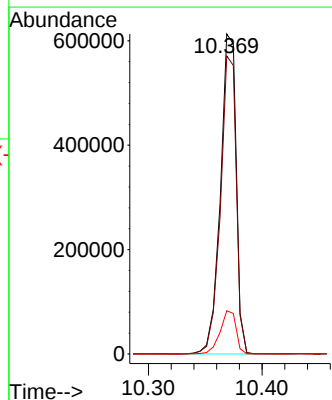
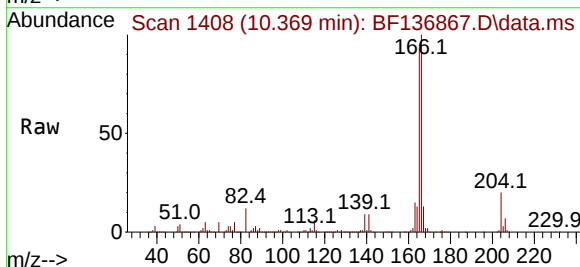
Instrument :
BNA_F
ClientSampleId :
PB158147BS

Tgt Ion:165 Resp: 167919
Ion Ratio Lower Upper
165 100
63 58.1 41.0 61.6
89 77.3 59.9 89.9
182 2.9 2.0 3.0



#58
Fluorene
Concen: 38.414 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:166 Resp: 595514
Ion Ratio Lower Upper
166 100
165 93.2 73.7 110.5
167 13.5 10.4 15.6

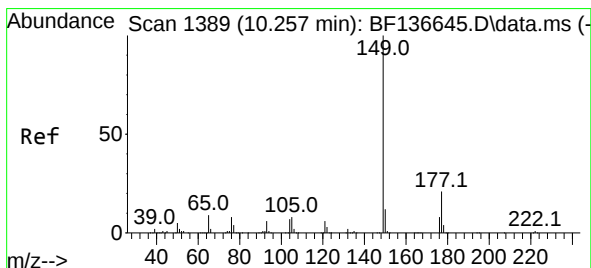
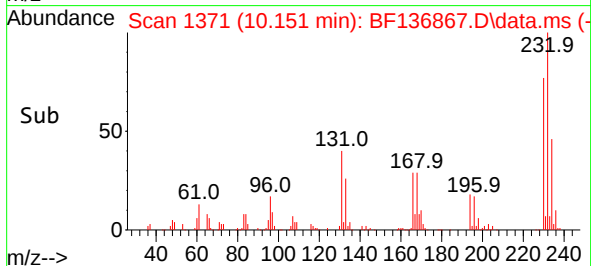
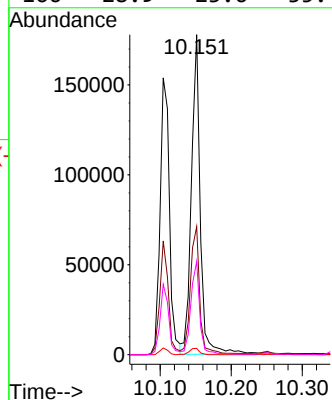
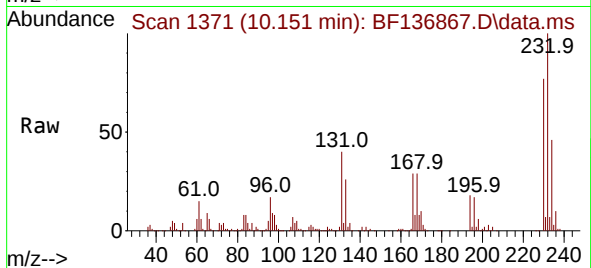




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.387 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

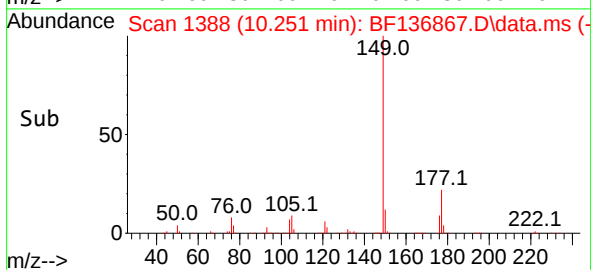
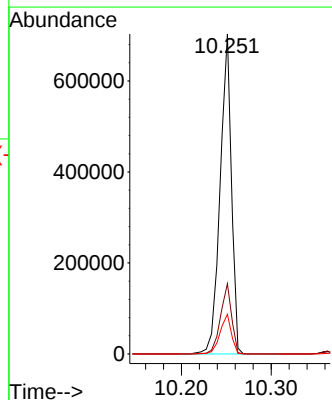
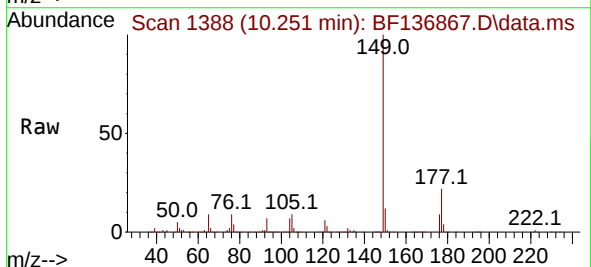
Instrument :
BNA_F
ClientSampleId :
PB158147BS

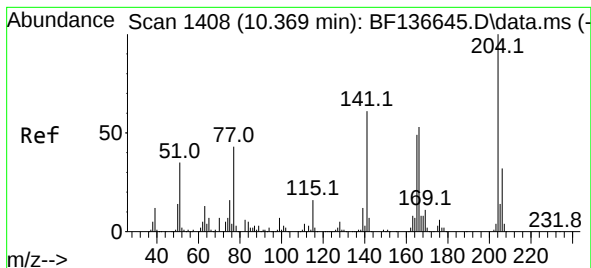
Tgt Ion:232 Resp: 153995
Ion Ratio Lower Upper
232 100
131 41.9 35.1 52.7
130 2.2 1.6 2.4
166 28.9 23.6 35.4



#60
Diethylphthalate
Concen: 38.071 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:149 Resp: 615254
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 12.4 9.3 13.9

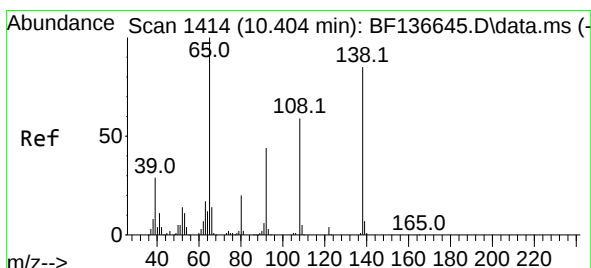
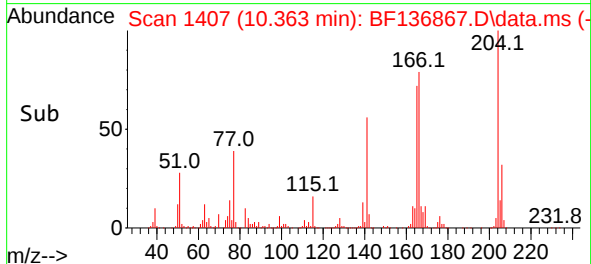
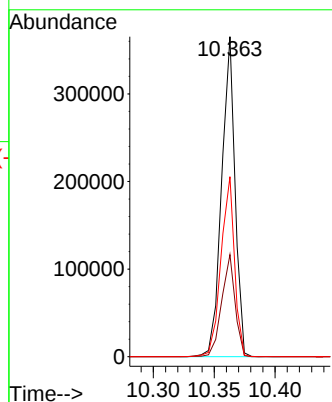
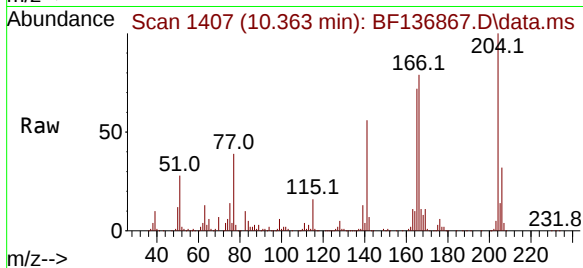




#61
4-Chlorophenyl-phenylether
Concen: 37.291 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

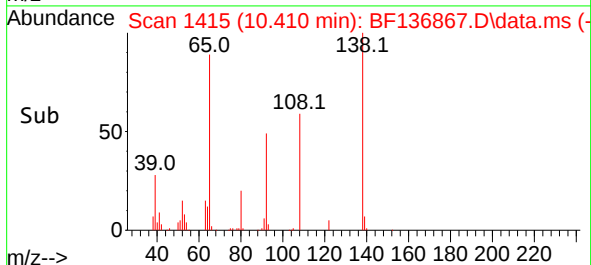
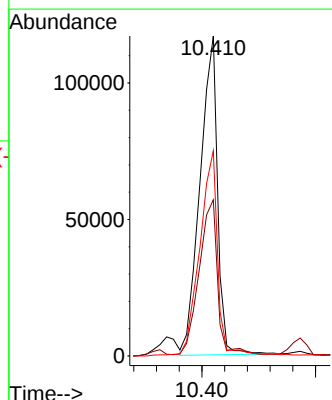
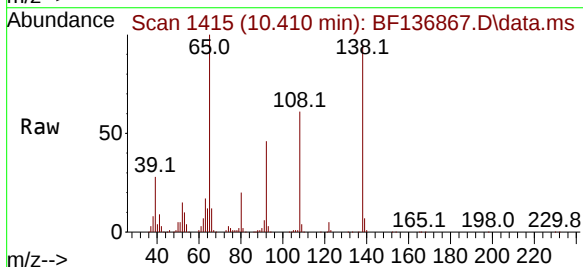
Instrument :
BNA_F
ClientSampleId :
PB158147BS

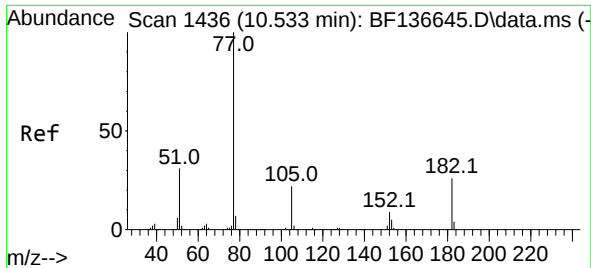
Tgt Ion:204 Resp: 280999
Ion Ratio Lower Upper
204 100
206 31.9 25.6 38.4
141 56.2 48.4 72.6



#62
4-Nitroaniline
Concen: 34.621 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:138 Resp: 124978
Ion Ratio Lower Upper
138 100
92 48.8 32.1 72.1
108 64.1 50.1 90.1

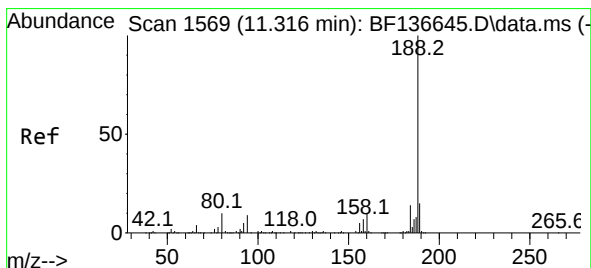
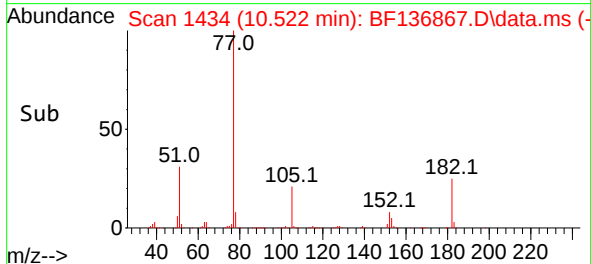
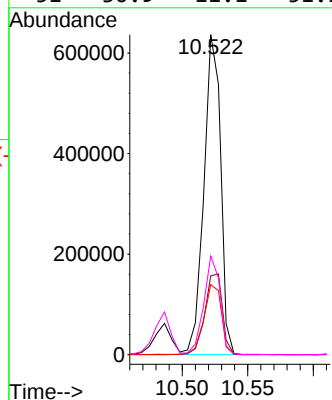
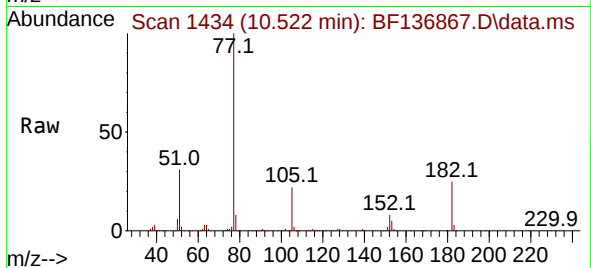




#63
Azobenzene
Concen: 37.531 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

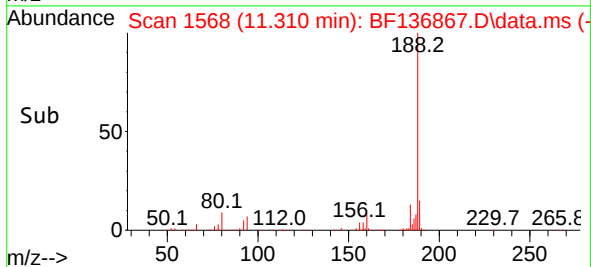
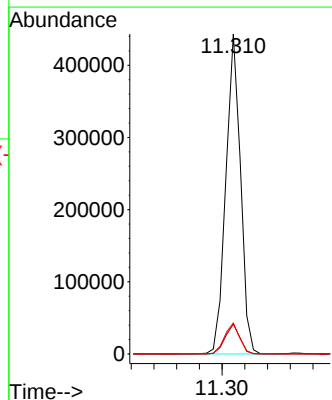
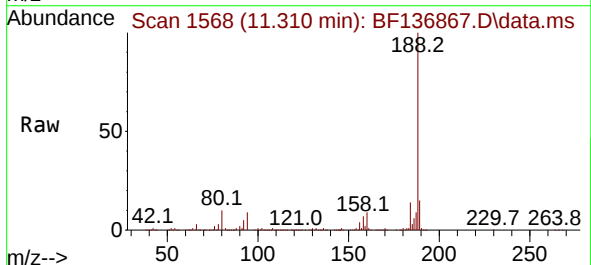
Instrument :
BNA_F
ClientSampleId :
PB158147BS

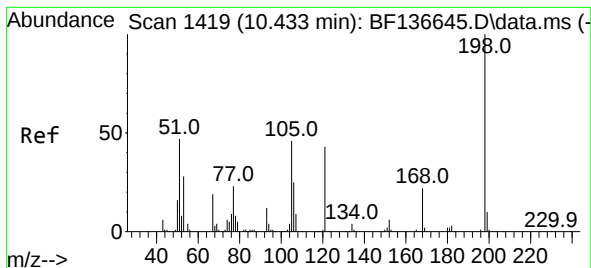
Tgt Ion: 77	Resp: 566501
Ion Ratio	Lower Upper
77 100	
182 24.7	6.0 46.0
105 21.9	2.3 42.3
51 30.9	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:188	Resp: 398351
Ion Ratio	Lower Upper
188 100	
94 9.3	7.5 11.3
80 9.7	8.1 12.1

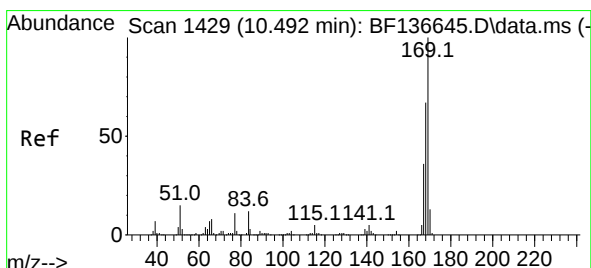
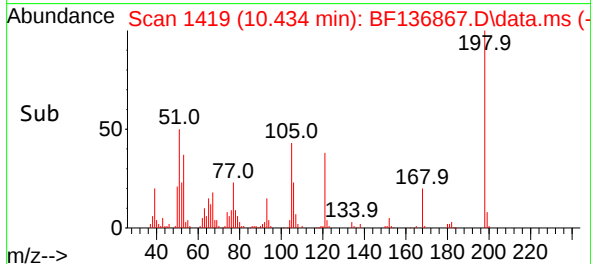
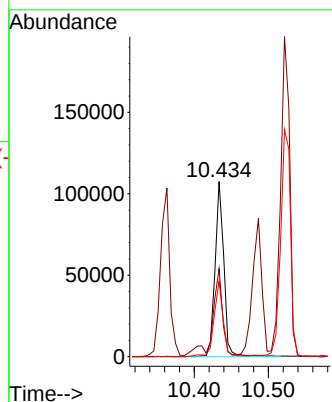
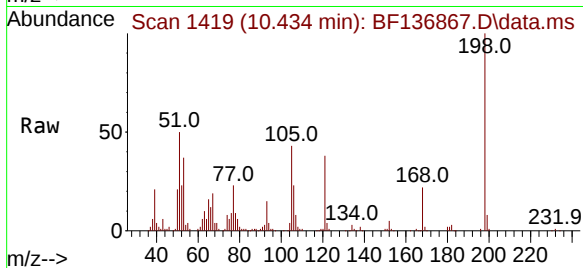




#65
4,6-Dinitro-2-methylphenol
Concen: 38.658 ng
RT: 10.434 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

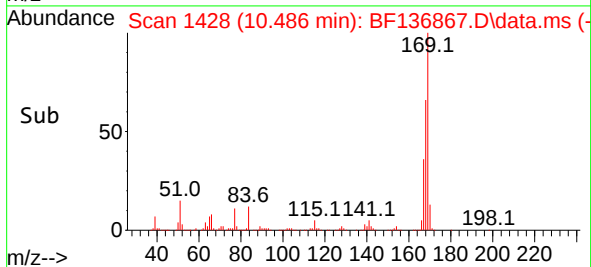
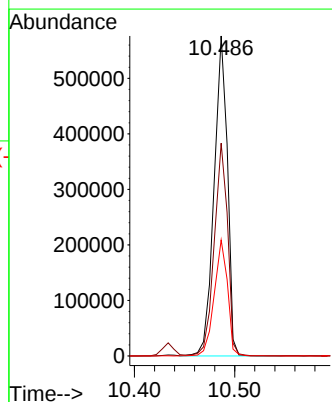
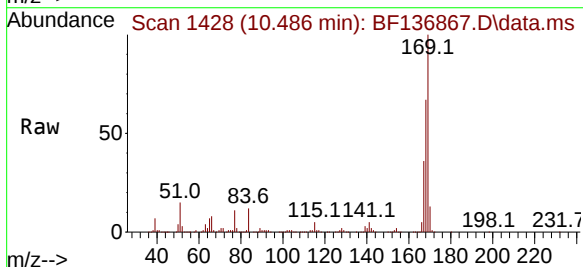
Instrument :
BNA_F
ClientSampleId :
PB158147BS

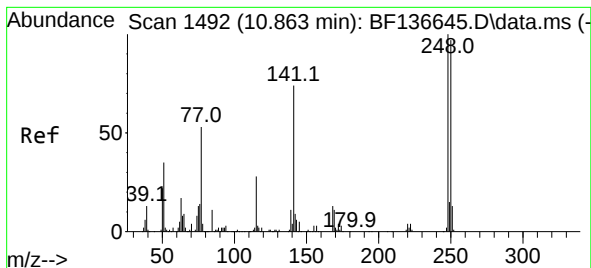
Tgt Ion:198 Resp: 88253
Ion Ratio Lower Upper
198 100
51 50.2 34.1 74.1
105 43.0 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 41.195 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:169 Resp: 533069
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.6
167 36.2 28.7 43.1

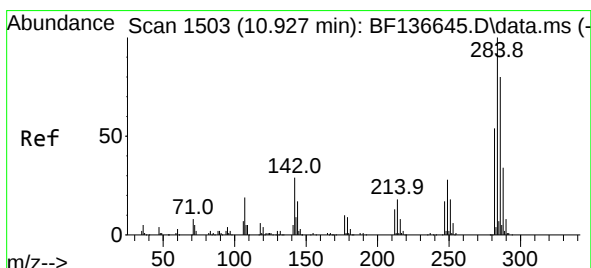
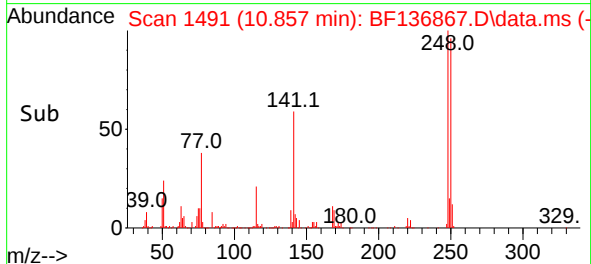
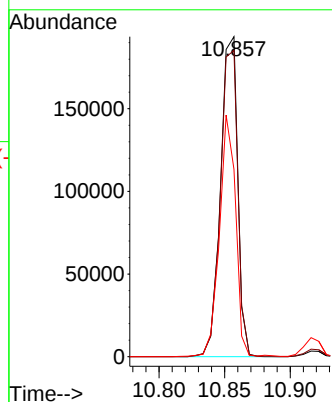
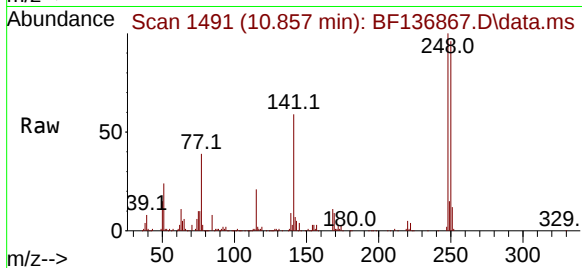




#67
4-Bromophenyl-phenylether
Concen: 39.778 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

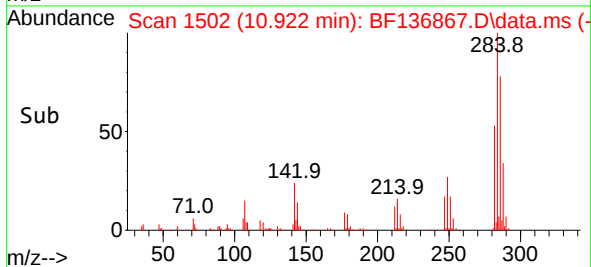
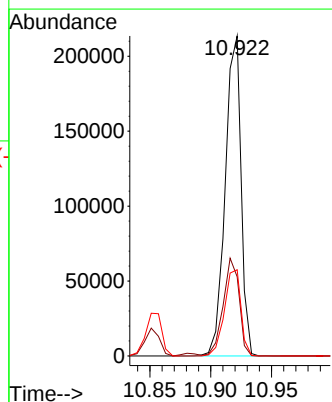
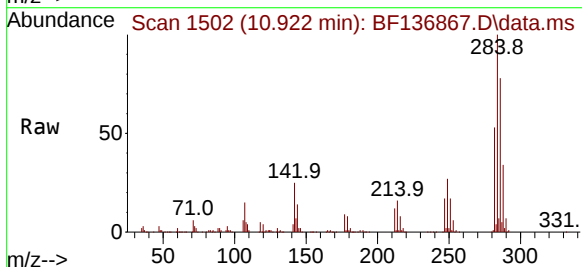
Instrument :
BNA_F
ClientSampleId :
PB158147BS

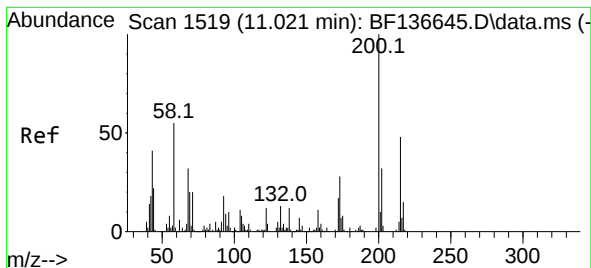
Tgt Ion:248 Resp: 175978
Ion Ratio Lower Upper
248 100
250 95.7 77.8 116.6
141 58.6 59.2 88.8#



#68
Hexachlorobenzene
Concen: 39.248 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:284 Resp: 193499
Ion Ratio Lower Upper
284 100
142 24.7 23.4 35.0
249 27.0 22.3 33.5





#69

Atrazine

Concen: 39.183 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

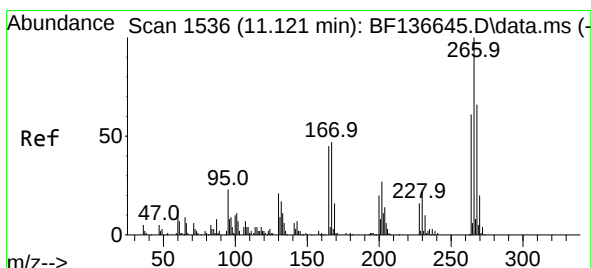
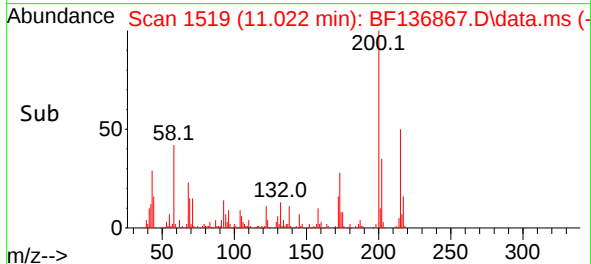
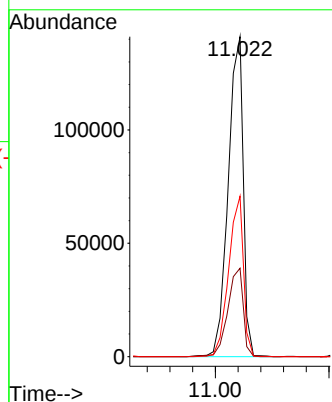
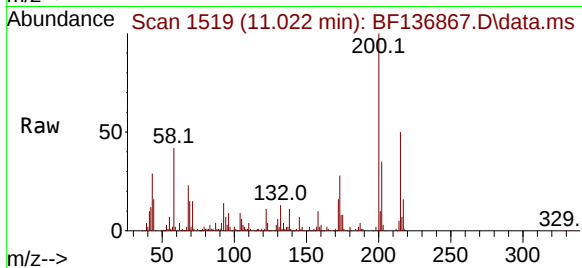
Tgt Ion:200 Resp: 129686

Ion Ratio Lower Upper

200 100

173 27.6 7.6 47.6

215 50.1 28.3 68.3



#70

Pentachlorophenol

Concen: 67.493 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

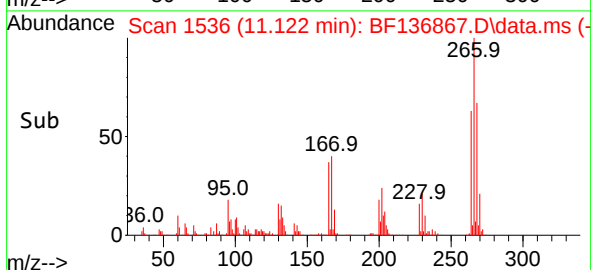
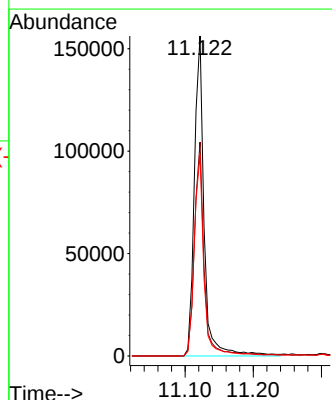
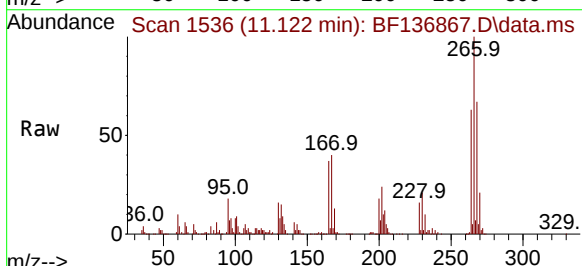
Tgt Ion:266 Resp: 155099

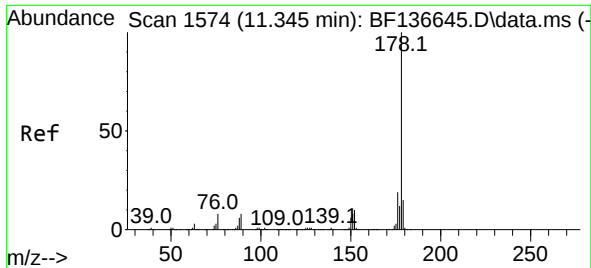
Ion Ratio Lower Upper

266 100

268 66.9 52.6 78.8

264 62.9 49.0 73.4

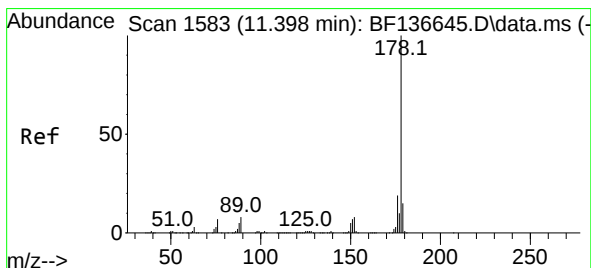
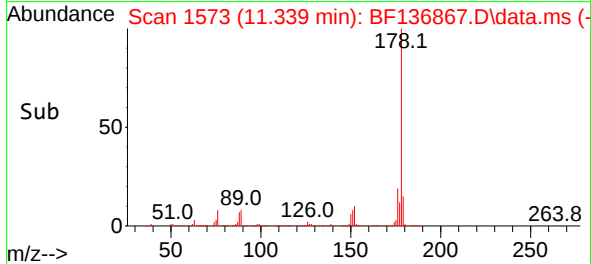
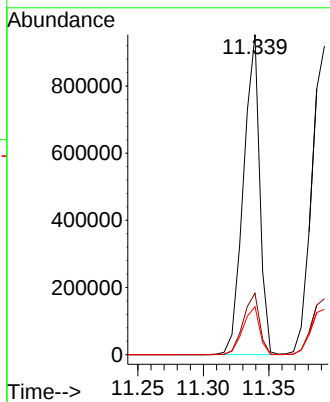
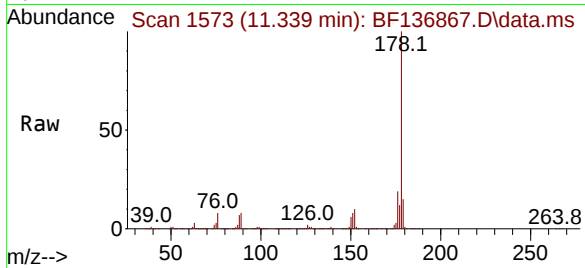




#71
Phenanthrene
Concen: 40.211 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

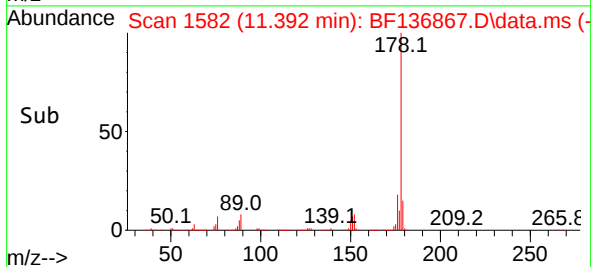
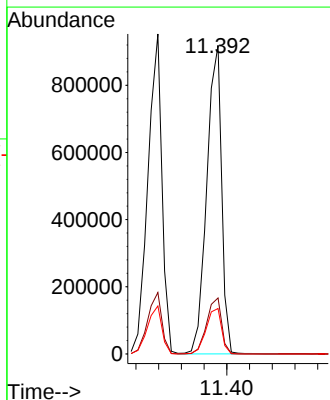
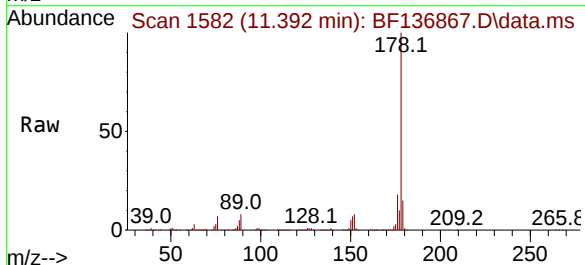
Instrument :
BNA_F
ClientSampleId :
PB158147BS

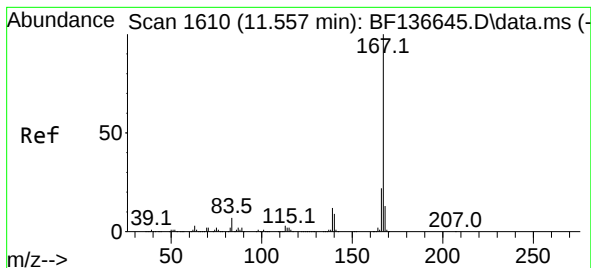
Tgt Ion:178 Resp: 821904
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.0 11.9 17.9



#72
Anthracene
Concen: 40.160 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:178 Resp: 831298
Ion Ratio Lower Upper
178 100
176 18.2 14.9 22.3
179 14.7 11.8 17.6





#73

Carbazole

Concen: 39.348 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

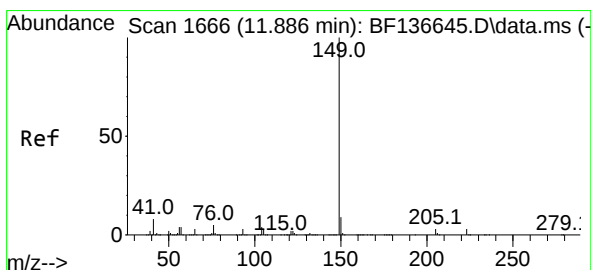
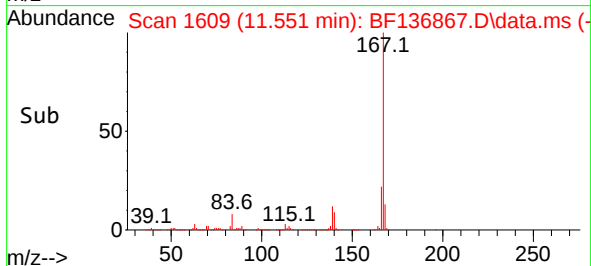
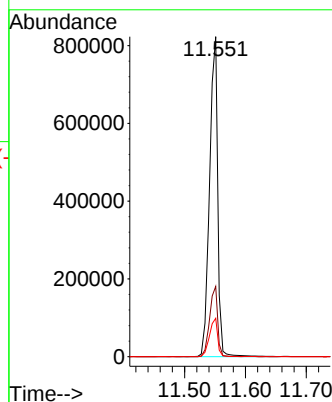
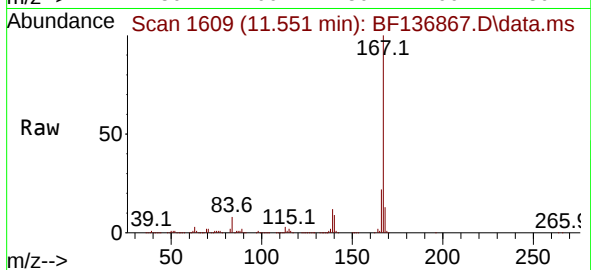
Tgt Ion:167 Resp: 767926

Ion Ratio Lower Upper

167 100

166 22.0 17.3 25.9

139 12.0 9.8 14.6



#74

Di-n-butylphthalate

Concen: 40.341 ng

RT: 11.881 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

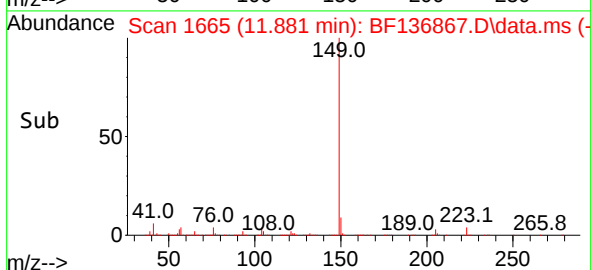
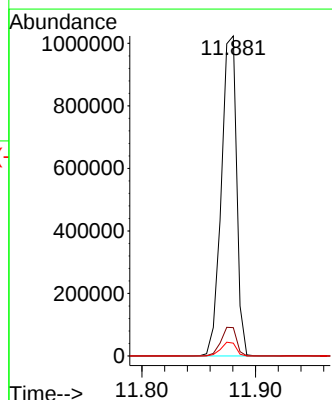
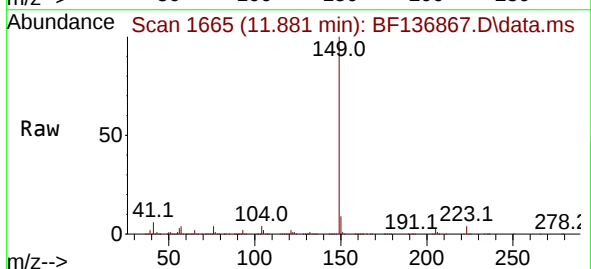
Tgt Ion:149 Resp: 960695

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

104 4.0 3.6 5.4





#75

Fluoranthene

Concen: 38.695 ng

RT: 12.528 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

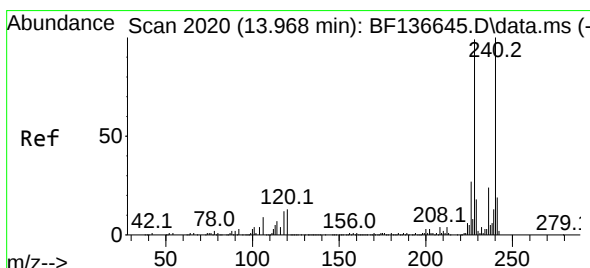
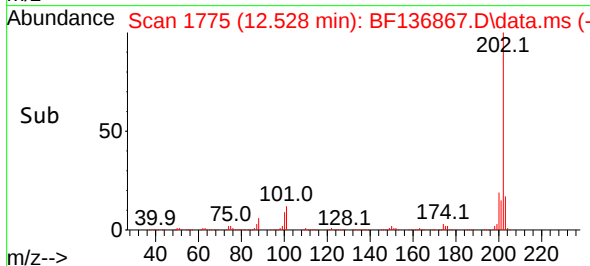
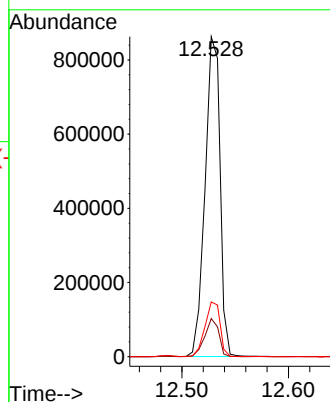
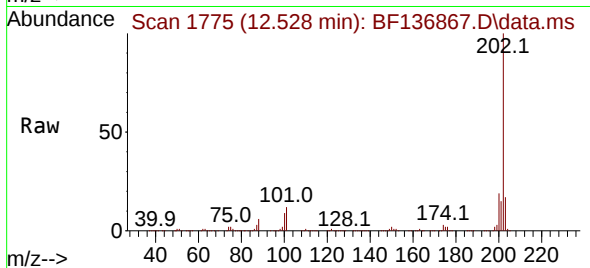
Tgt Ion:202 Resp: 845997

Ion Ratio Lower Upper

202 100

101 11.9 0.0 29.3

203 17.1 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

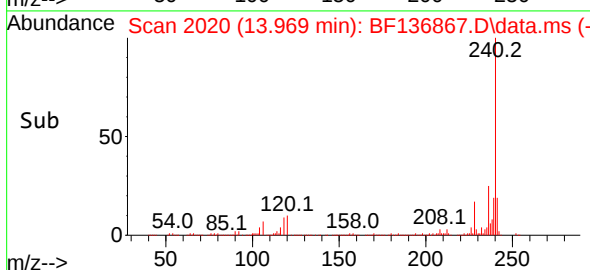
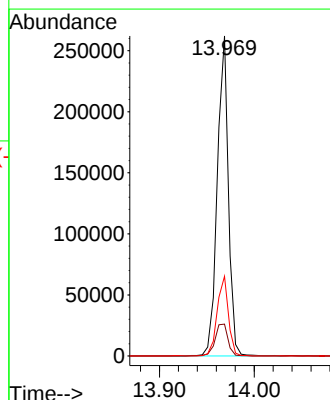
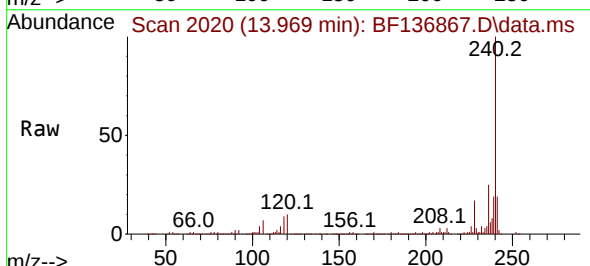
Tgt Ion:240 Resp: 212413

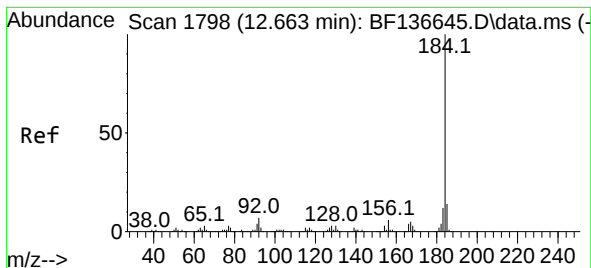
Ion Ratio Lower Upper

240 100

120 9.9 10.3 15.5#

236 24.9 19.4 29.2





#77

Benzidine

Concen: 2.958 ng

RT: 12.663 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

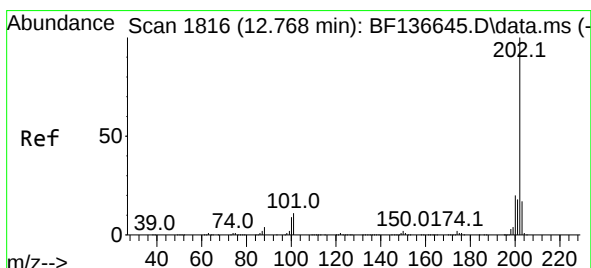
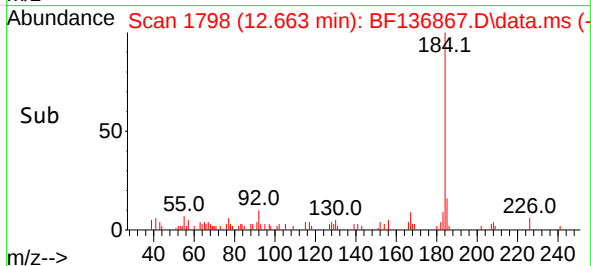
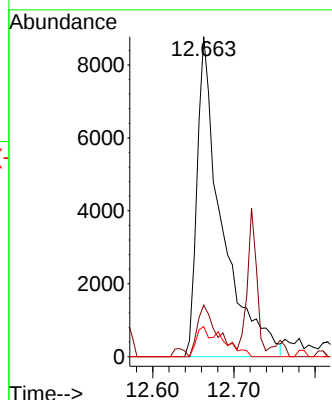
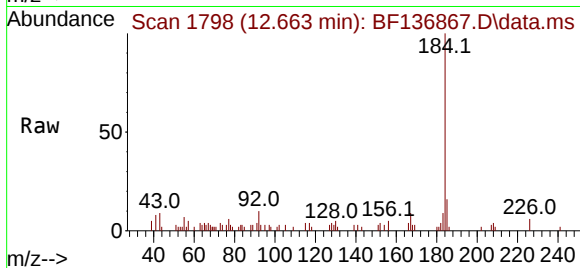
Tgt Ion:184 Resp: 18527

Ion Ratio Lower Upper

184 100

185 16.1 11.2 16.8

183 9.4 9.3 13.9



#78

Pyrene

Concen: 39.975 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

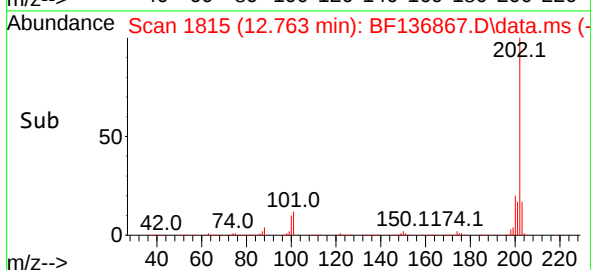
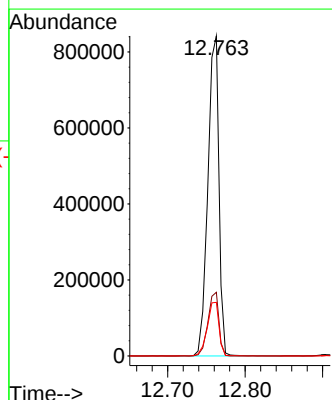
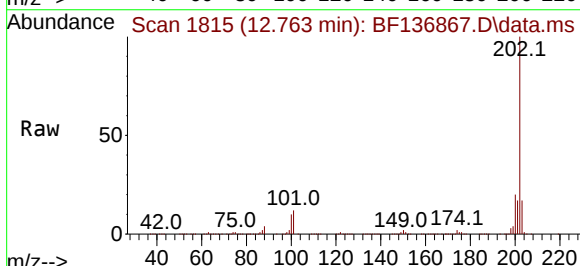
Tgt Ion:202 Resp: 833565

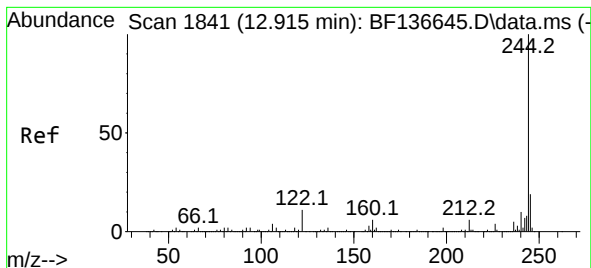
Ion Ratio Lower Upper

202 100

200 19.9 15.9 23.9

203 16.8 13.8 20.6





#79

Terphenyl-d14

Concen: 75.293 ng

RT: 12.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

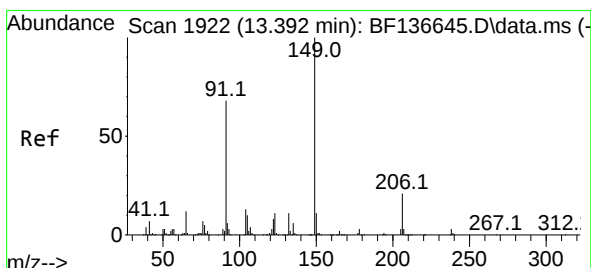
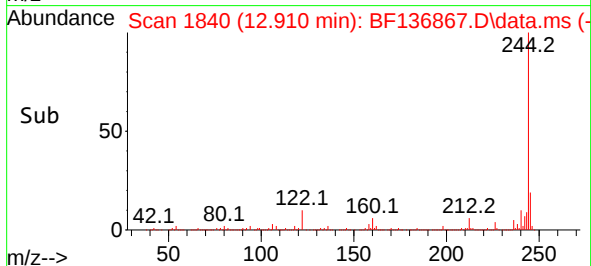
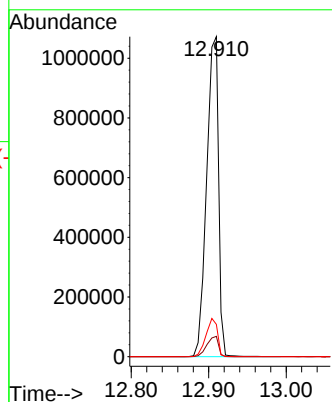
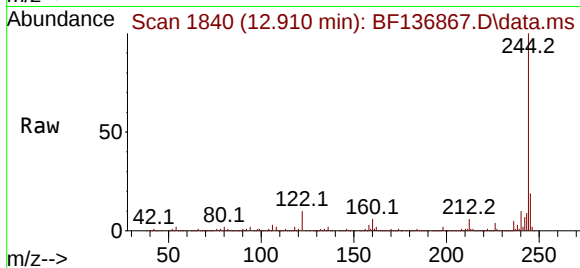
Tgt Ion:244 Resp: 1144445

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 10.1 9.0 13.4



#80

Butylbenzylphthalate

Concen: 43.872 ng

RT: 13.380 min Scan# 1920

Delta R.T. -0.011 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

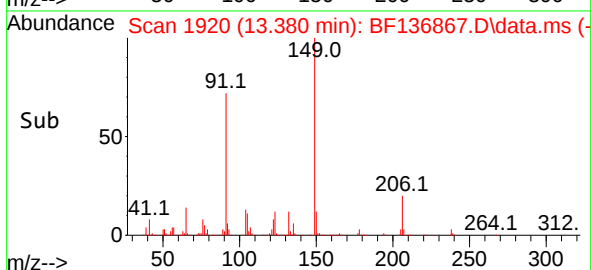
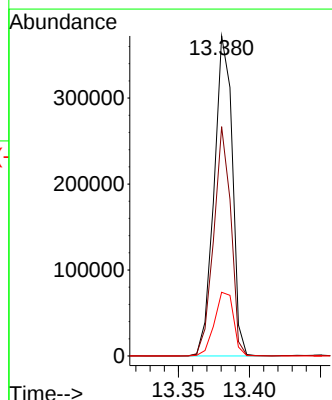
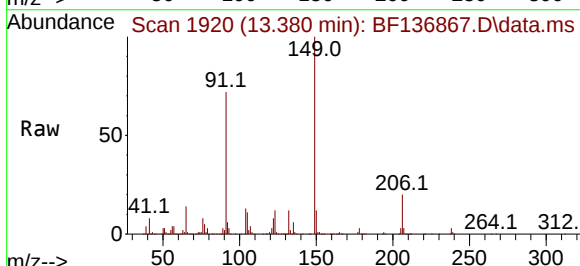
Tgt Ion:149 Resp: 332871

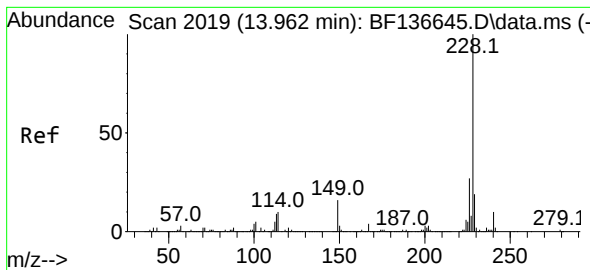
Ion Ratio Lower Upper

149 100

91 71.7 54.1 81.1

206 19.9 17.1 25.7





#81

Benzo(a)anthracene

Concen: 40.738 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

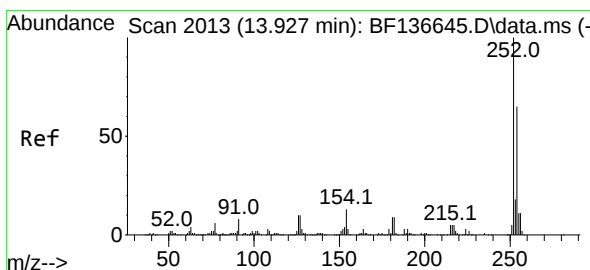
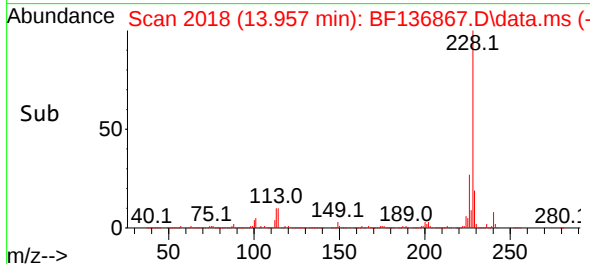
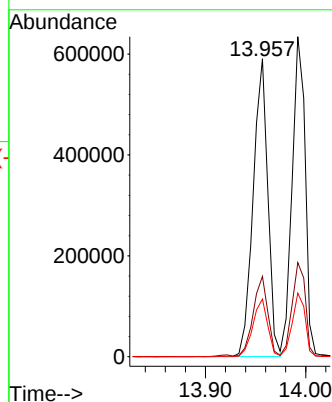
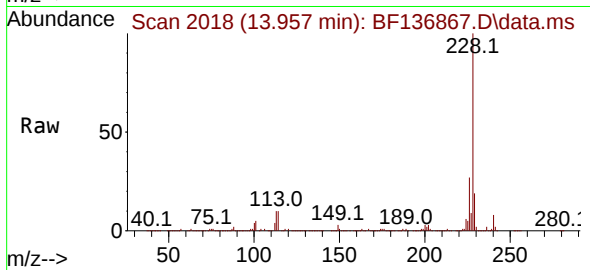
Tgt Ion:228 Resp: 600873

Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.0

229 19.3 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 41.909 ng

RT: 13.922 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

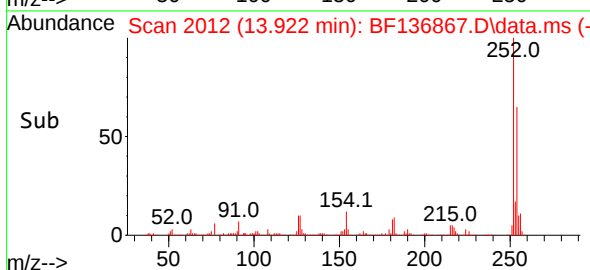
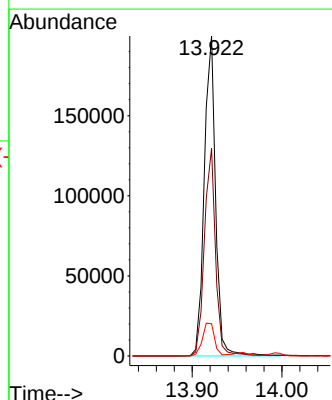
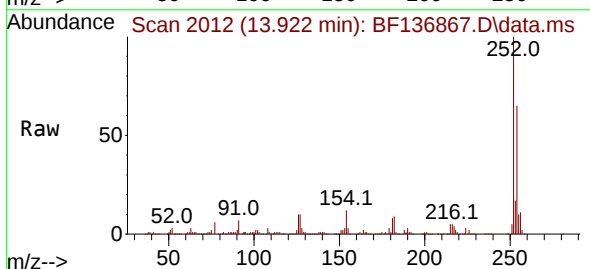
Tgt Ion:252 Resp: 175547

Ion Ratio Lower Upper

252 100

254 64.9 52.2 78.4

126 10.0 8.0 12.0





#83

Chrysene

Concen: 39.940 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

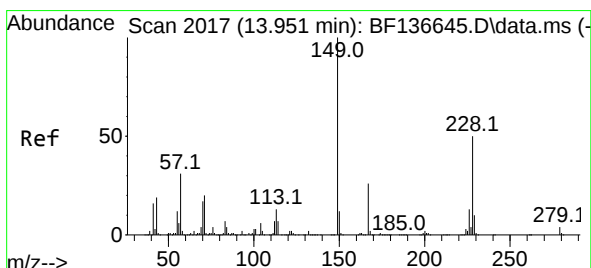
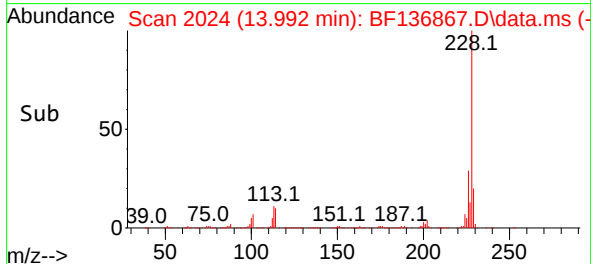
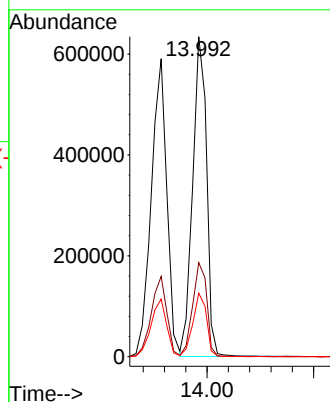
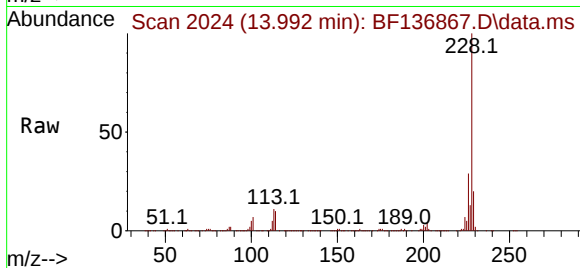
Tgt Ion:228 Resp: 576079

Ion Ratio Lower Upper

228 100

226 29.4 24.7 37.1

229 19.9 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.354 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

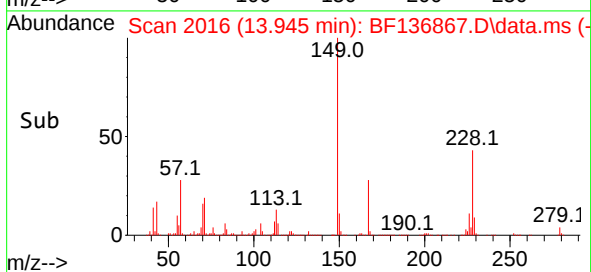
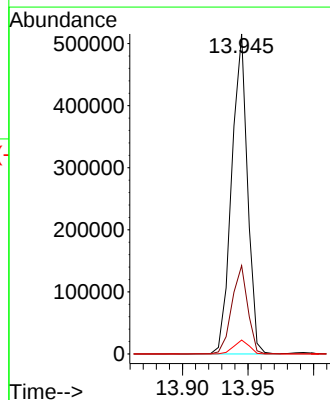
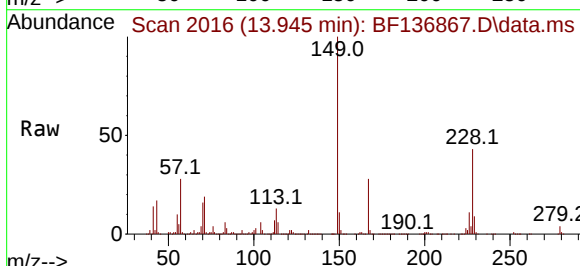
Tgt Ion:149 Resp: 432966

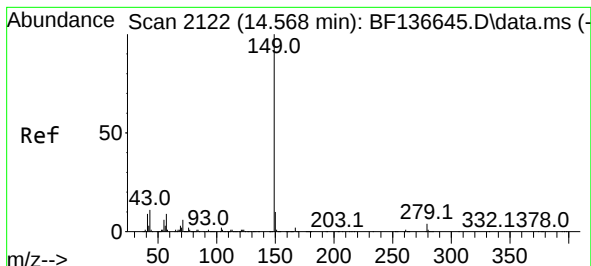
Ion Ratio Lower Upper

149 100

167 27.6 20.9 31.3

279 4.3 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 47.337 ng

RT: 14.563 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

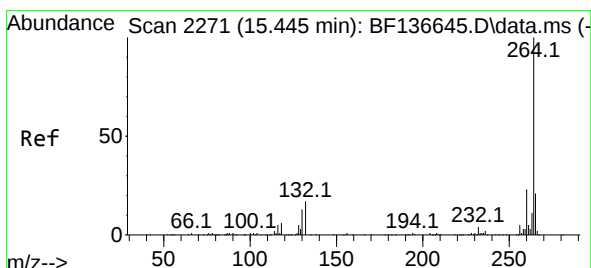
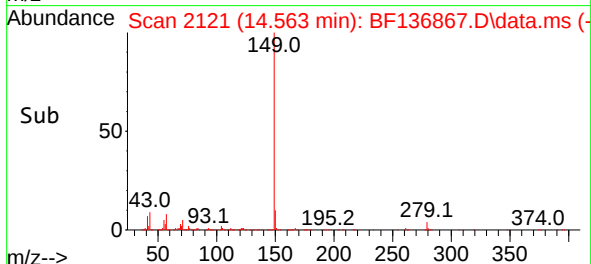
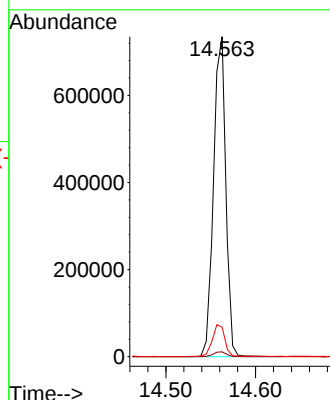
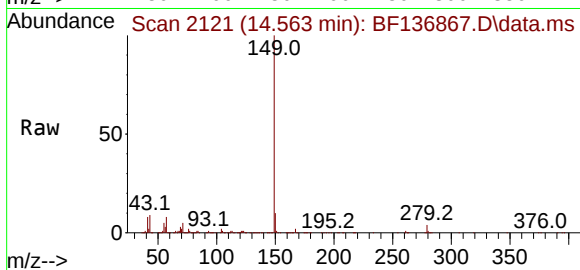
Tgt Ion:149 Resp: 699012

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.2 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

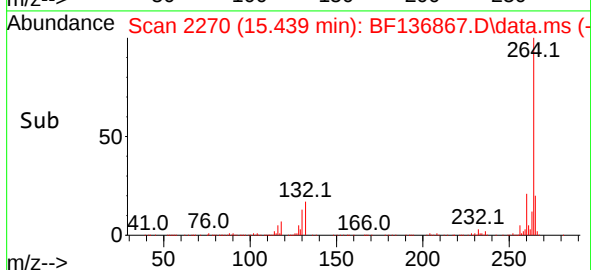
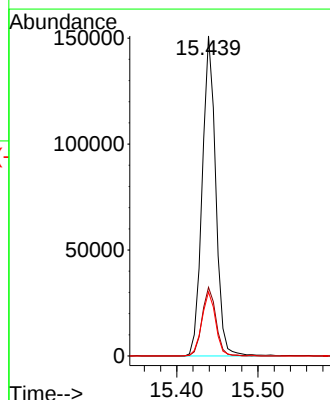
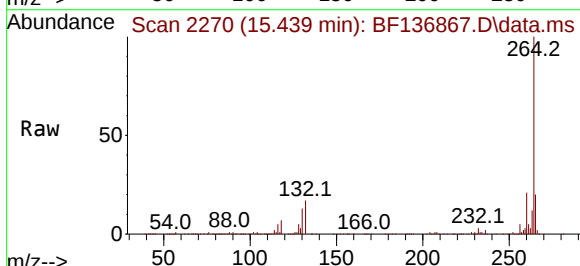
Tgt Ion:264 Resp: 174669

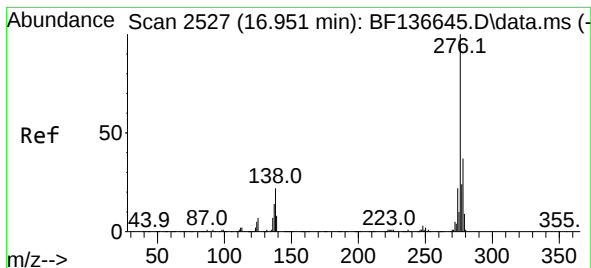
Ion Ratio Lower Upper

264 100

260 21.5 18.3 27.5

265 20.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.271 ng

RT: 16.957 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

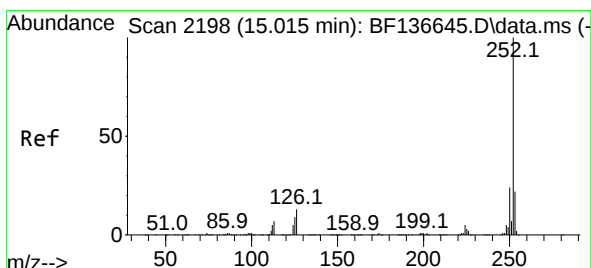
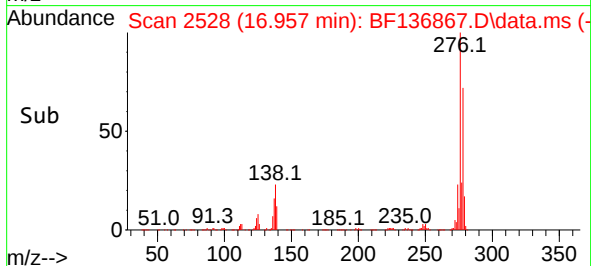
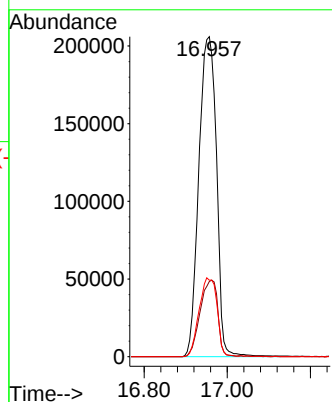
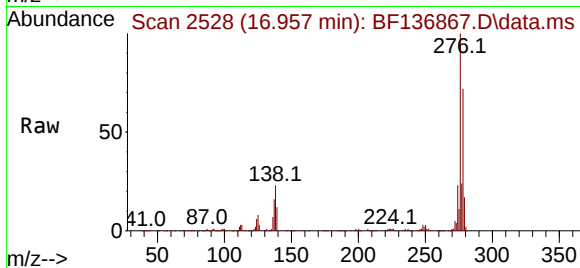
Tgt Ion:276 Resp: 608756

Ion Ratio Lower Upper

276 100

138 23.9 18.7 28.1

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.302 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

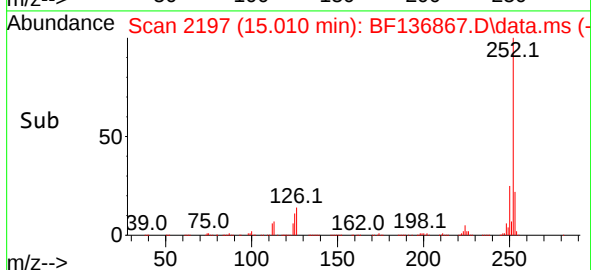
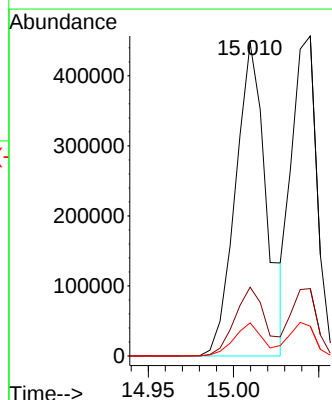
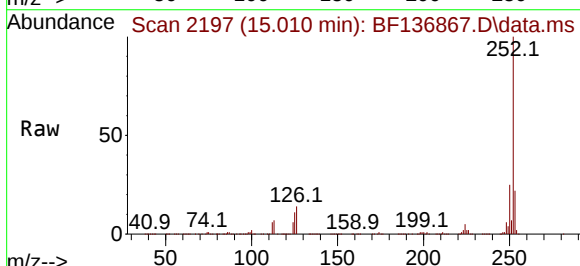
Tgt Ion:252 Resp: 563502

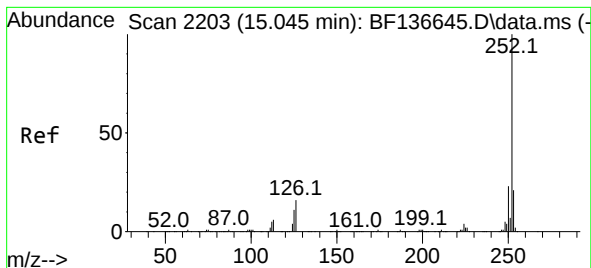
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 10.6 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 43.014 ng

RT: 15.045 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

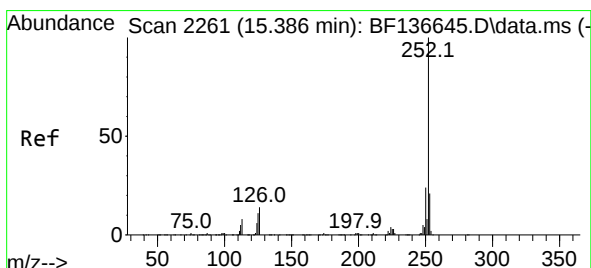
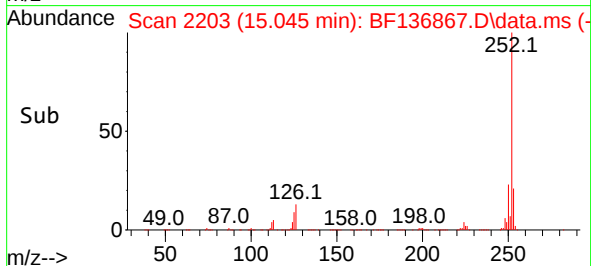
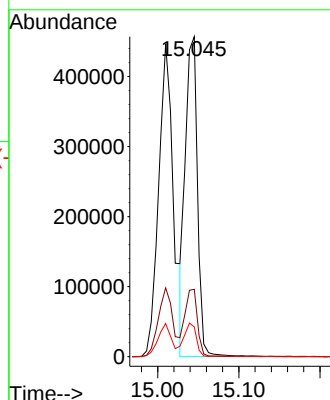
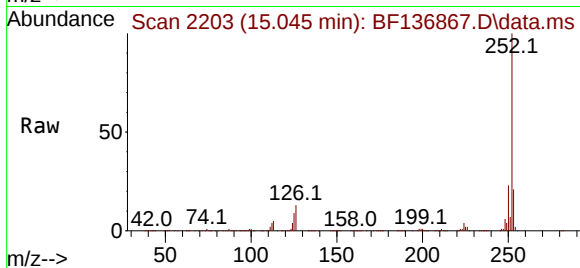
Tgt Ion:252 Resp: 474173

Ion Ratio Lower Upper

252 100

253 21.1 17.0 25.6

125 9.3 8.2 12.4



#90

Benzo(a)pyrene

Concen: 46.761 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

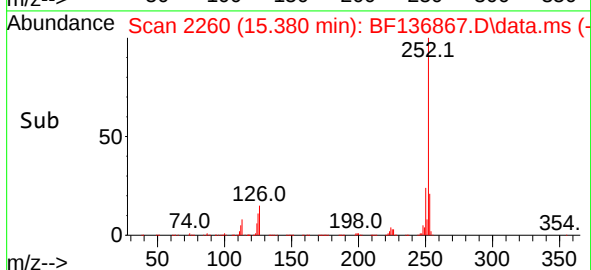
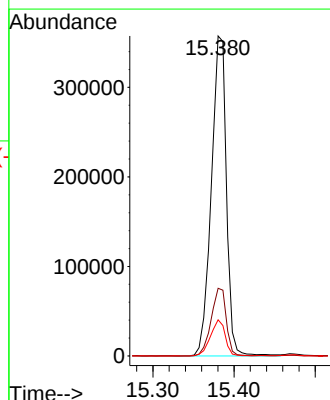
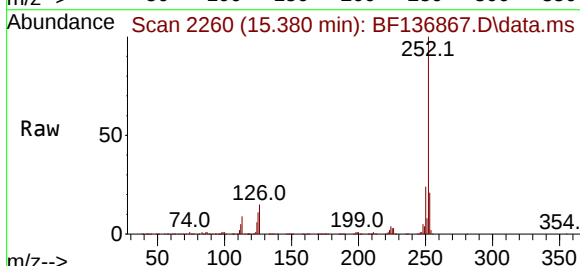
Tgt Ion:252 Resp: 460482

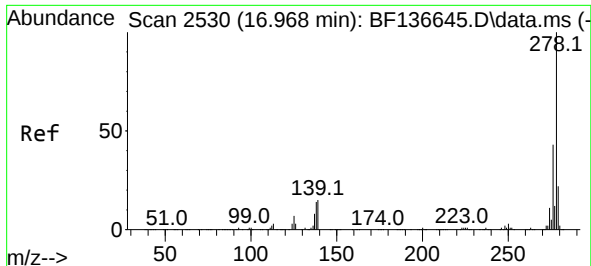
Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.6

125 11.3 8.8 13.2

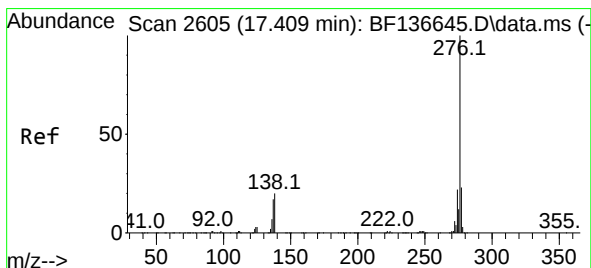
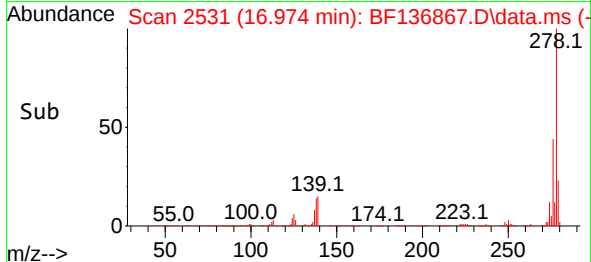
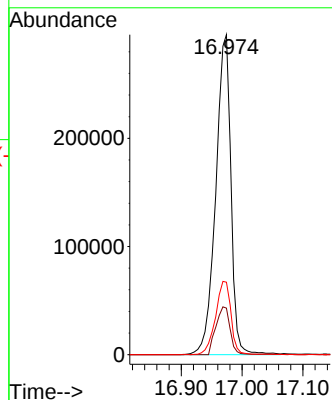
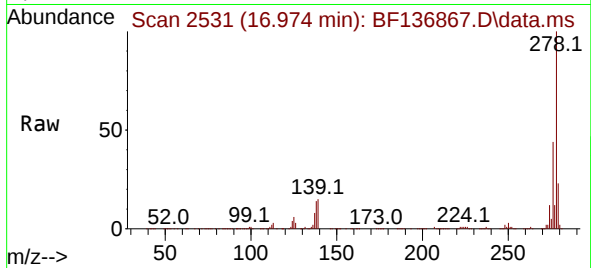




#91
Dibenzo(a,h)anthracene
Concen: 49.460 ng
RT: 16.974 min Scan# 2531
Delta R.T. 0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :
BNA_F
ClientSampleId :
PB158147BS

Tgt Ion:278 Resp: 511727
Ion Ratio Lower Upper
278 100
139 14.5 12.2 18.4
279 22.7 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 48.049 ng
RT: 17.410 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:276 Resp: 509169
Ion Ratio Lower Upper
276 100
277 22.8 18.3 27.5
138 20.1 15.6 23.4

