

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136938.D
 Acq On : 04 Jan 2024 13:35
 Operator : CG\JU
 Sample : PB158204BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158204BS

Quant Time: Jan 04 14:06:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	82525	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	321859	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	168380	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	337178	20.000	ng	0.00
76) Chrysene-d12	13.974	240	178690	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	151058	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	589416	111.440	ng	0.02
7) Phenol-d6	6.445	99	743198	108.442	ng	0.00
23) Nitrobenzene-d5	7.351	82	456101	72.514	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	232312	117.149	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	928392	74.158	ng	0.00
79) Terphenyl-d14	12.910	244	1052833	82.338	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	74241	33.688	ng	97
3) Pyridine	3.410	79	172395	32.062	ng	96
4) n-Nitrosodimethylamine	3.375	42	103941	36.199	ng	100
6) Aniline	6.457	93	228500	33.348	ng	# 14
8) 2-Chlorophenol	6.581	128	229213	39.601	ng	94
9) Benzaldehyde	6.339	77	95698	24.549	ng	96
10) Phenol	6.457	94	274493	37.519	ng	93
11) bis(2-Chloroethyl)ether	6.528	93	214854	38.617	ng	98
12) 1,3-Dichlorobenzene	6.728	146	233791	37.027	ng	97
13) 1,4-Dichlorobenzene	6.804	146	238223	36.925	ng	97
14) 1,2-Dichlorobenzene	6.951	146	224427	37.384	ng	99
15) Benzyl Alcohol	6.939	79	179819	38.892	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	335470	36.880	ng	# 39
17) 2-Methylphenol	7.051	107	186619	38.920	ng	93
18) Hexachloroethane	7.286	117	85762	36.603	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	156857	37.756	ng	95
20) 3+4-Methylphenols	7.210	107	237250	39.605	ng	# 53
22) Acetophenone	7.198	105	315789	39.144	ng	# 90
24) Nitrobenzene	7.369	77	229528	36.428	ng	99
25) Isophorone	7.610	82	433722	37.896	ng	98
26) 2-Nitrophenol	7.686	139	122258	40.556	ng	97
27) 2,4-Dimethylphenol	7.728	122	205532	56.002	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	268408	38.582	ng	99
29) 2,4-Dichlorophenol	7.933	162	188445	39.883	ng	94
30) 1,2,4-Trichlorobenzene	8.004	180	197757	37.565	ng	97
31) Naphthalene	8.086	128	666719	37.706	ng	100
32) Benzoic acid	7.881	122	144076	40.573	ng	98
33) 4-Chloroaniline	8.139	127	139467	21.363	ng	96
34) Hexachlorobutadiene	8.198	225	115952	36.252	ng	99
35) Caprolactam	8.522	113	47220	30.294	ng	94
36) 4-Chloro-3-methylphenol	8.639	107	208971	39.286	ng	95
37) 2-Methylnaphthalene	8.775	142	436610	38.368	ng	98
38) 1-Methylnaphthalene	8.875	142	406750	36.433	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	205250	39.360	ng	99
41) Hexachlorocyclopentadiene	8.928	237	143694	86.031	ng	96
43) 2,4,6-Trichlorophenol	9.063	196	133236	39.840	ng	96

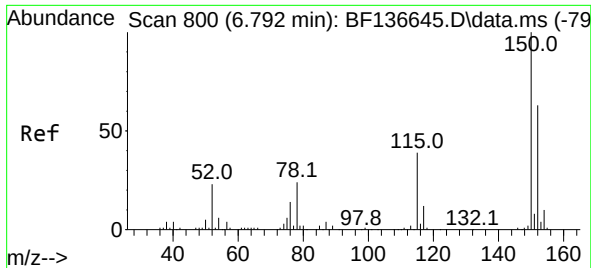
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	146150	39.217	ng	96
46) 1,1'-Biphenyl	9.245	154	563698	39.895	ng	98
47) 2-Chloronaphthalene	9.269	162	408074	37.990	ng	99
48) 2-Nitroaniline	9.375	65	134358	39.943	ng	98
49) Acenaphthylene	9.686	152	648631	39.506	ng	99
50) Dimethylphthalate	9.551	163	492871	40.074	ng	100
51) 2,6-Dinitrotoluene	9.616	165	110541	39.603	ng	89
52) Acenaphthene	9.857	154	396779	38.986	ng	98
53) 3-Nitroaniline	9.786	138	86856	29.375	ng	98
54) 2,4-Dinitrophenol	9.904	184	102214	66.724	ng	92
55) Dibenzofuran	10.027	168	597240	38.712	ng	100
56) 4-Nitrophenol	9.975	139	133320	66.793	ng	98
57) 2,4-Dinitrotoluene	10.027	165	138301	38.167	ng	# 91
58) Fluorene	10.374	166	484441	39.575	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.157	232	120772	42.099	ng	98
60) Diethylphthalate	10.251	149	505124	39.584	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	232261	39.035	ng	100
62) 4-Nitroaniline	10.410	138	109662	38.472	ng	95
63) Azobenzene	10.527	77	460743	38.657	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	77182	39.942	ng	92
66) n-Nitrosodiphenylamine	10.492	169	431928	39.434	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	145280	38.797	ng	97
68) Hexachlorobenzene	10.922	284	163841	39.262	ng	97
69) Atrazine	11.027	200	204118	72.861	ng	97
70) Pentachlorophenol	11.127	266	125964	64.760	ng	99
71) Phenanthrene	11.345	178	715407	41.351	ng	100
72) Anthracene	11.392	178	706176	40.304	ng	99
73) Carbazole	11.557	167	658695	39.874	ng	99
74) Di-n-butylphthalate	11.880	149	829271	41.140	ng	100
75) Fluoranthene	12.533	202	720561	38.937	ng	97
77) Benzidine	12.663	184	159842	30.337	ng	100
78) Pyrene	12.768	202	724371	41.295	ng	99
80) Butylbenzylphthalate	13.386	149	291614	45.687	ng	98
81) Benzo(a)anthracene	13.962	228	506486	40.819	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	136132	38.632	ng	99
83) Chrysene	13.998	228	476050	39.233	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	400530	49.874	ng	97
85) Di-n-octyl phthalate	14.562	149	578537	46.572	ng	97
87) Indeno(1,2,3-cd)pyrene	16.980	276	479019	43.920	ng	100
88) Benzo(b)fluoranthene	15.021	252	407618	40.401	ng	99
89) Benzo(k)fluoranthene	15.051	252	397873	41.734	ng	99
90) Benzo(a)pyrene	15.392	252	353523	41.511	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	399071	44.600	ng	99
92) Benzo(g,h,i)perylene	17.433	276	399900	43.636	ng	100

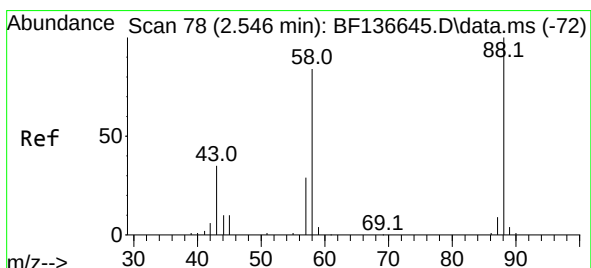
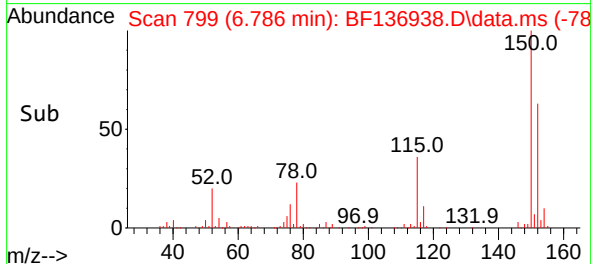
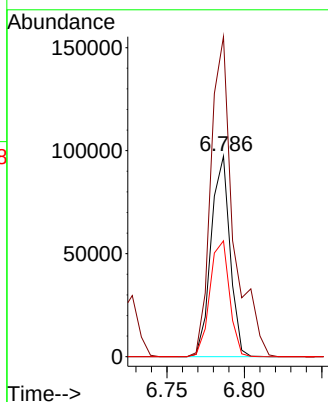
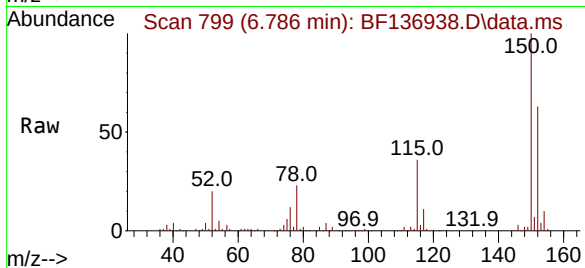
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF136938.D
 Acq: 04 Jan 2024 13:35

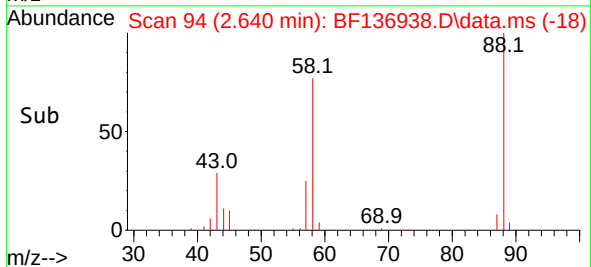
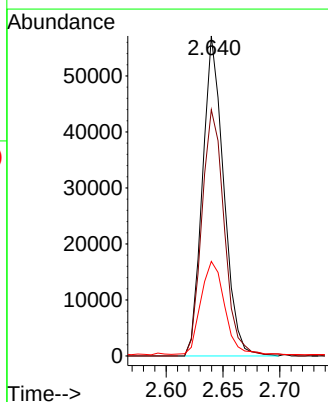
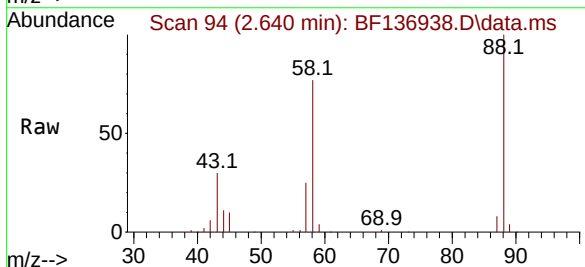
Instrument :
 BNA_F
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 PB158204BS

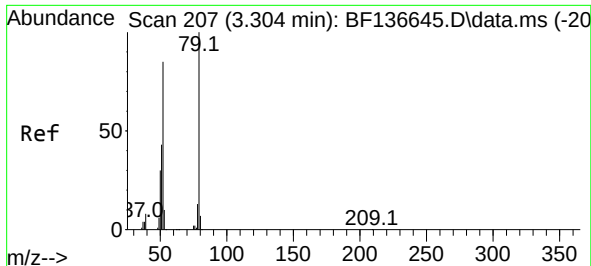
Tgt Ion:152 Resp: 82525
 Ion Ratio Lower Upper
 152 100
 150 159.6 127.0 190.6
 115 57.8 49.0 73.4



#2
 1,4-Dioxane
 Concen: 33.688 ng
 RT: 2.640 min Scan# 94
 Delta R.T. 0.094 min
 Lab File: BF136938.D
 Acq: 04 Jan 2024 13:35

Tgt Ion: 88 Resp: 74241
 Ion Ratio Lower Upper
 88 100
 58 81.3 67.4 101.0
 43 32.9 27.7 41.5





#3

Pyridine

Concen: 32.062 ng

RT: 3.410 min Scan# 219

Delta R.T. 0.106 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

PB158204BS

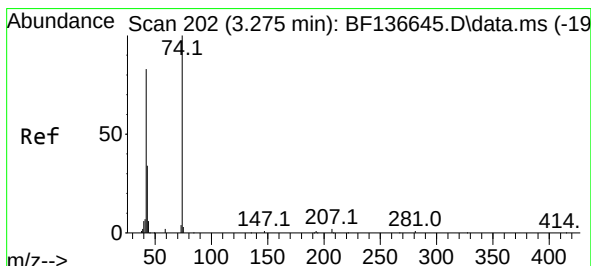
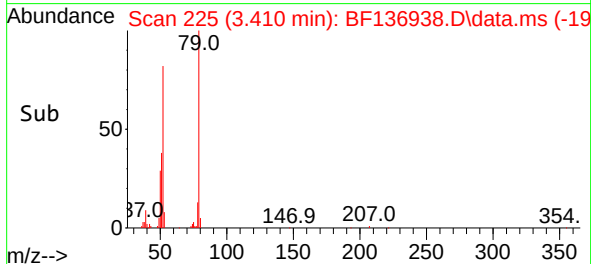
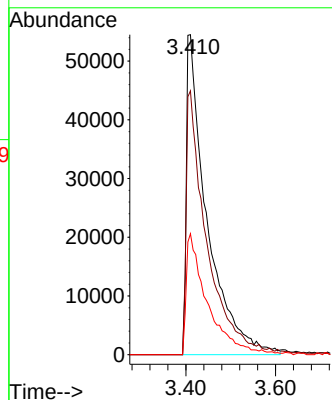
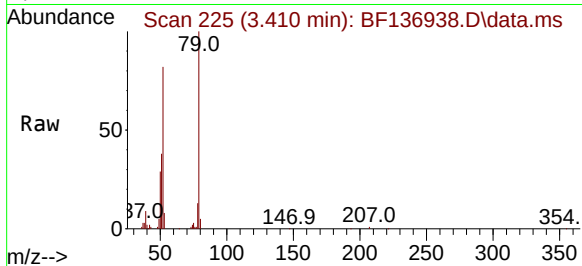
Tgt Ion: 79 Resp: 172395

Ion Ratio Lower Upper

79 100

52 82.4 67.7 101.5

51 37.8 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 36.199 ng

RT: 3.375 min Scan# 219

Delta R.T. 0.100 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

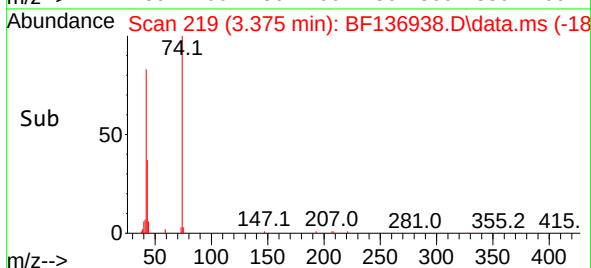
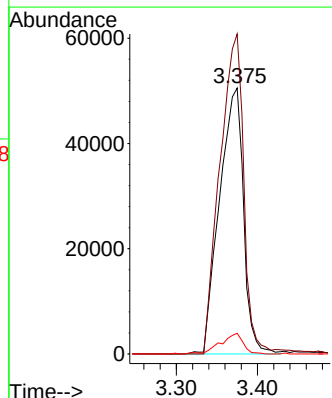
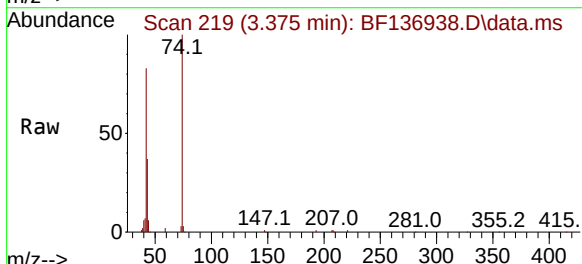
Tgt Ion: 42 Resp: 103941

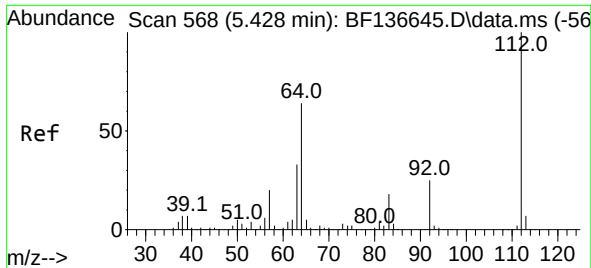
Ion Ratio Lower Upper

42 100

74 120.3 96.0 144.0

44 7.7 5.4 8.2

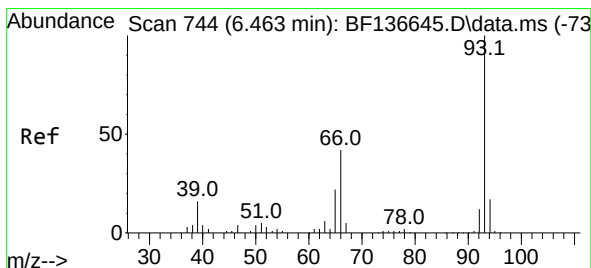
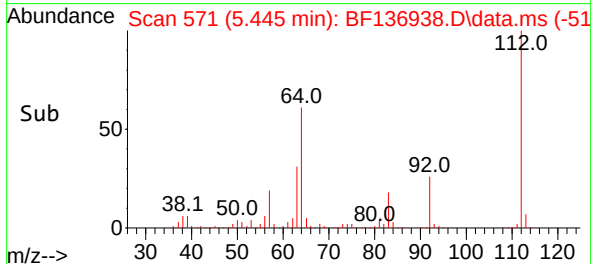
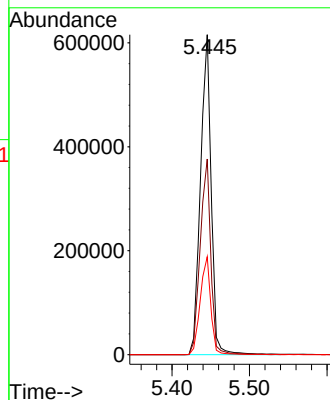
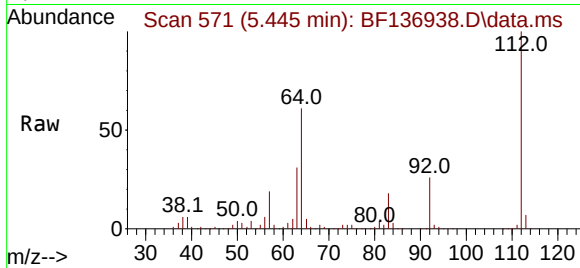




#5
2-Fluorophenol
Concen: 111.440 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

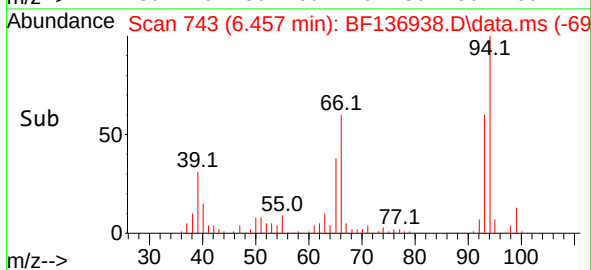
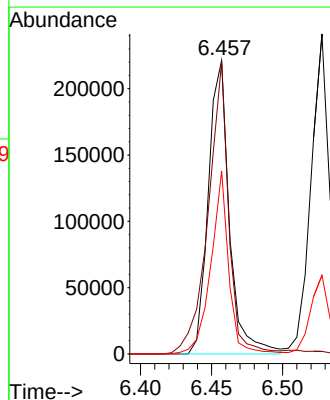
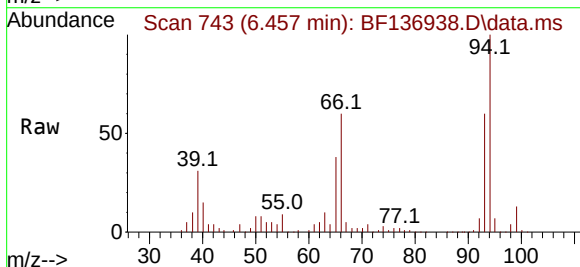
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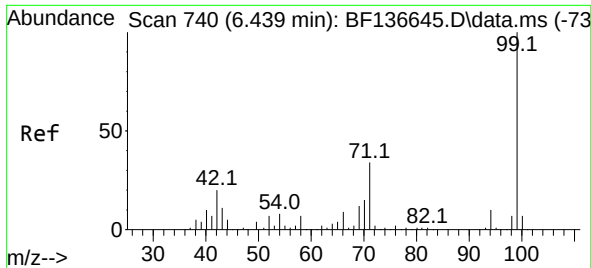
Tgt Ion:112 Resp: 589416
Ion Ratio Lower Upper
112 100
64 61.2 51.1 76.7
63 30.6 26.1 39.1



#6
Aniline
Concen: 33.348 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Tgt Ion: 93 Resp: 228500
Ion Ratio Lower Upper
93 100
66 99.5 34.6 51.8#
65 62.4 17.8 26.8#





#7

Phenol-d6

Concen: 108.442 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

PB158204BS

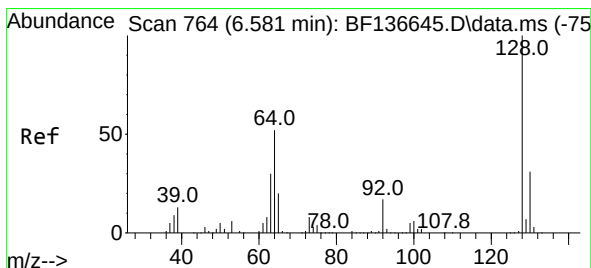
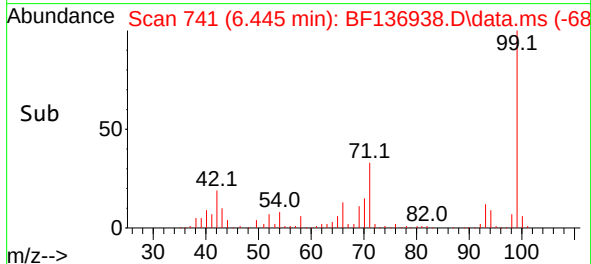
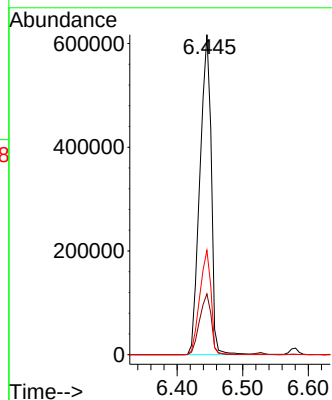
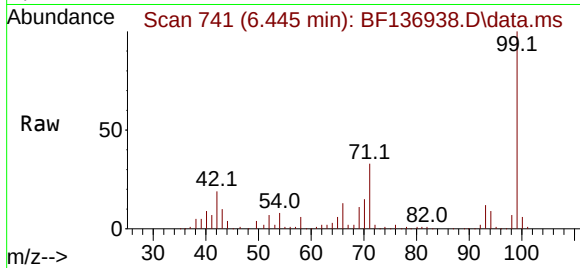
Tgt Ion: 99 Resp: 743198

Ion Ratio Lower Upper

99 100

42 19.0 16.1 24.1

71 32.6 27.4 41.2



#8

2-Chlorophenol

Concen: 39.601 ng

RT: 6.581 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

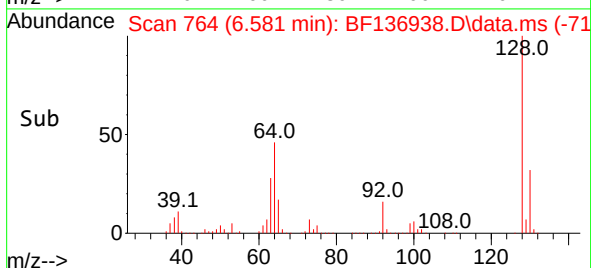
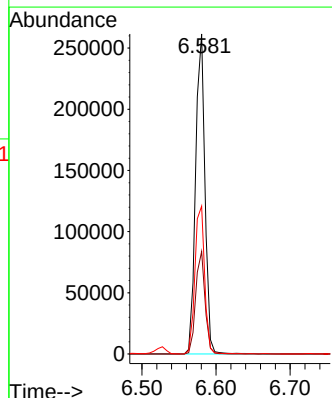
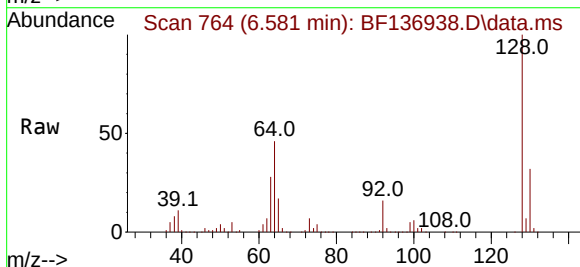
Tgt Ion:128 Resp: 229213

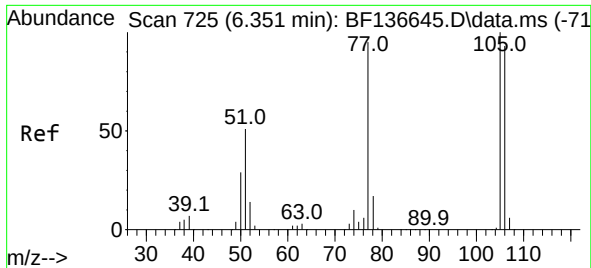
Ion Ratio Lower Upper

128 100

130 32.0 11.3 51.3

64 46.2 32.5 72.5





#9

Benzaldehyde

Concen: 24.549 ng

RT: 6.339 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136938.D

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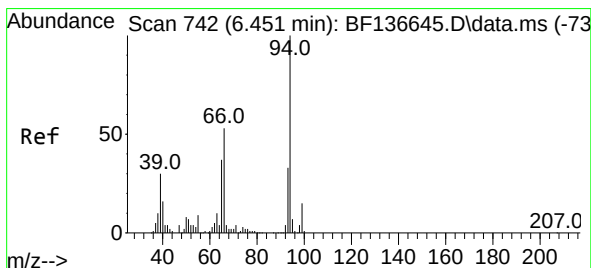
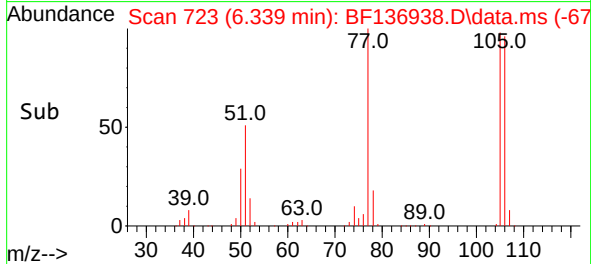
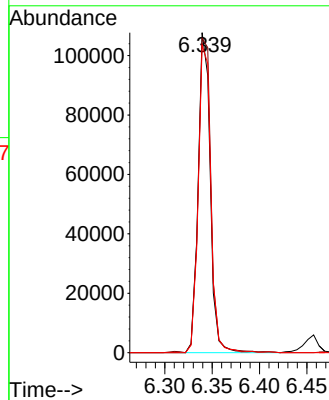
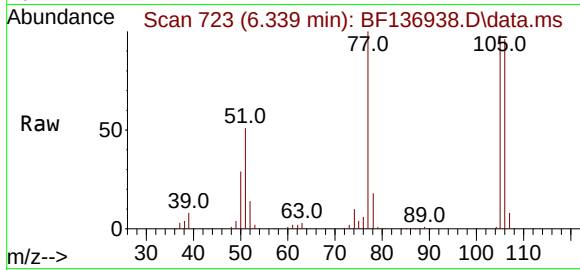
Tgt Ion: 77 Resp: 95698

Ion Ratio Lower Upper

77 100

105 98.2 84.8 124.8

106 96.2 77.8 117.8



#10

Phenol

Concen: 37.519 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

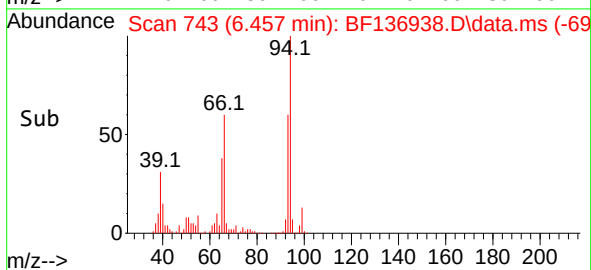
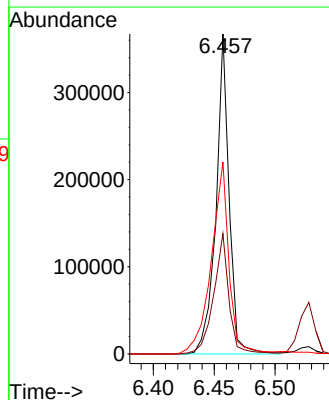
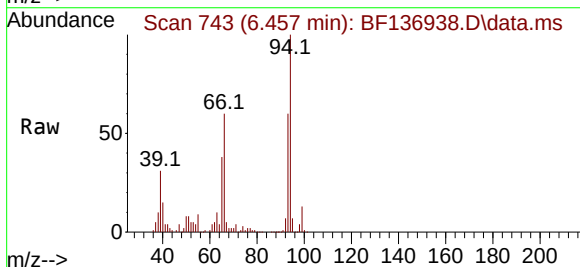
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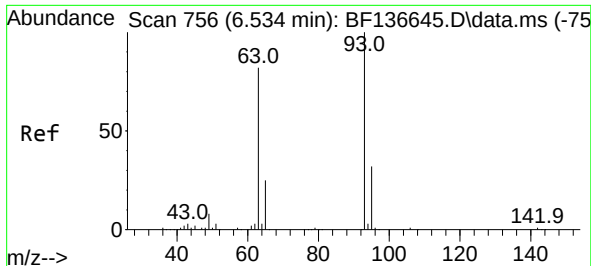
Ion Ratio Lower Upper

94 100

65 37.6 16.6 56.6

66 60.0 32.6 72.6

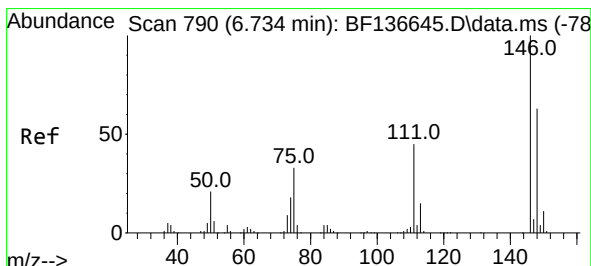
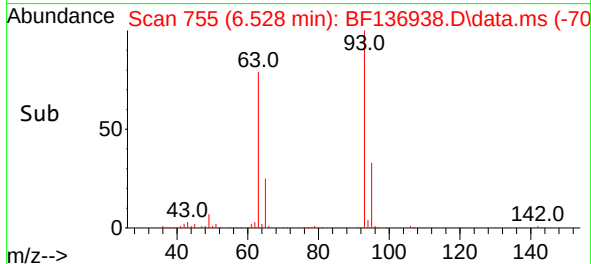
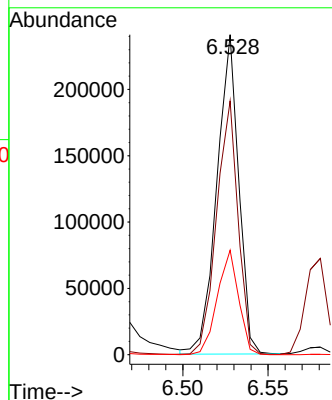
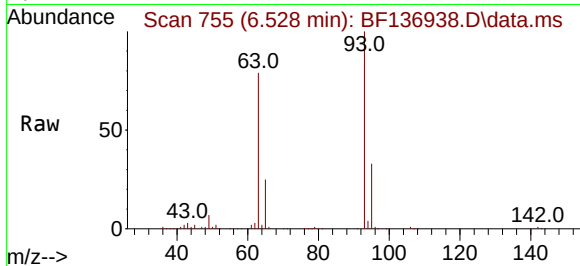




#11
bis(2-Chloroethyl)ether
Concen: 38.617 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

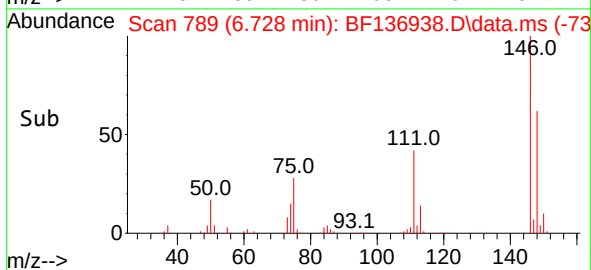
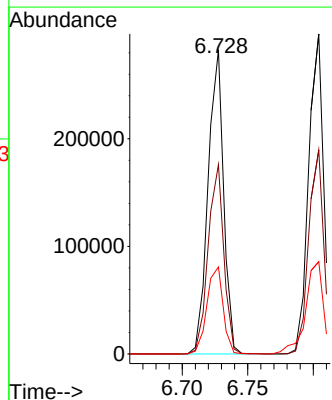
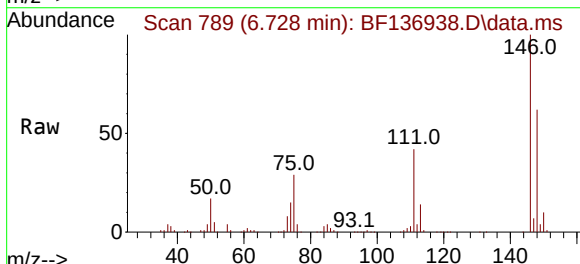
Instrument :
BNA_F
ClientSampleId :
PB158204BS

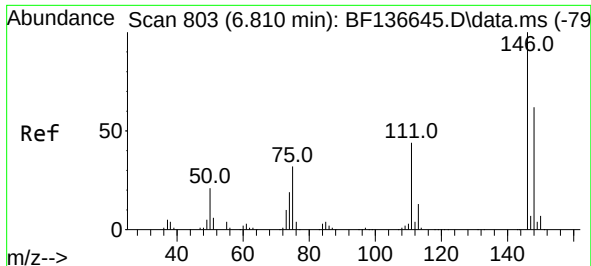
Tgt Ion: 93 Resp: 214854
Ion Ratio Lower Upper
93 100
63 79.3 61.2 101.2
95 32.7 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 37.027 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Tgt Ion: 146 Resp: 233791
Ion Ratio Lower Upper
146 100
148 62.3 50.5 75.7
75 28.6 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 36.925 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

PB158204BS

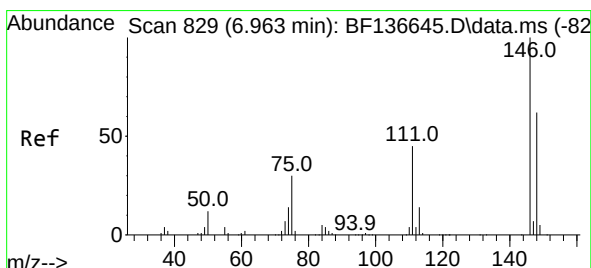
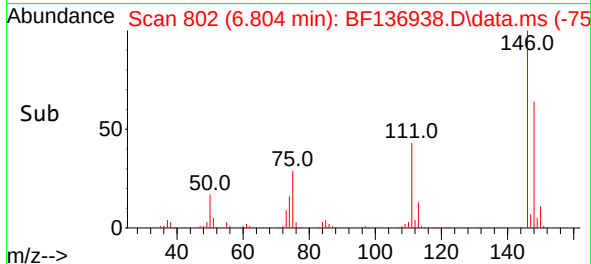
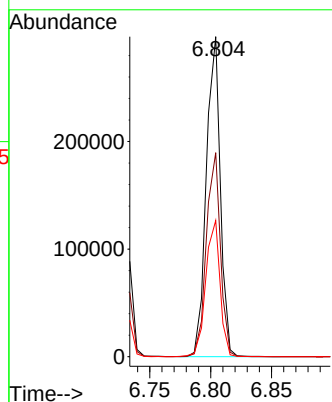
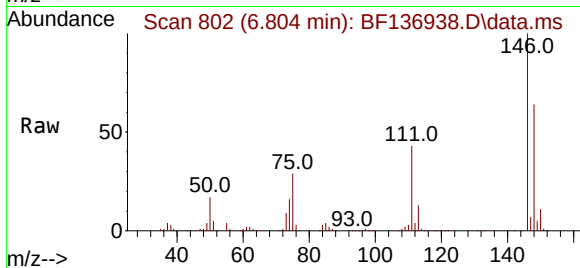
Tgt Ion:146 Resp: 238223

Ion Ratio Lower Upper

146 100

148 63.8 49.2 73.8

111 42.6 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 37.384 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

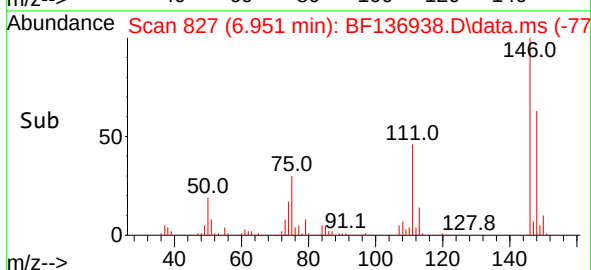
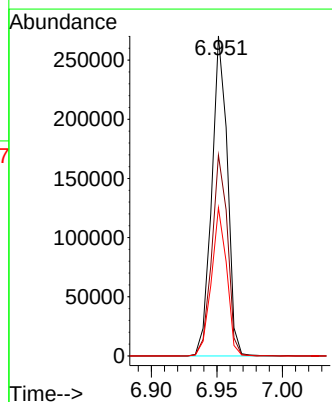
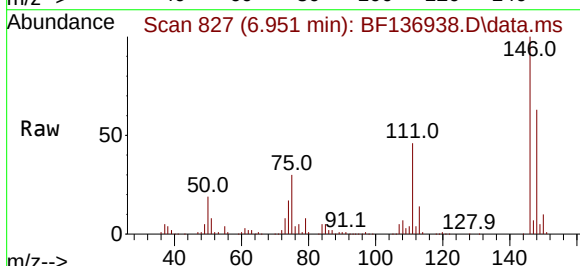
Tgt Ion:146 Resp: 224427

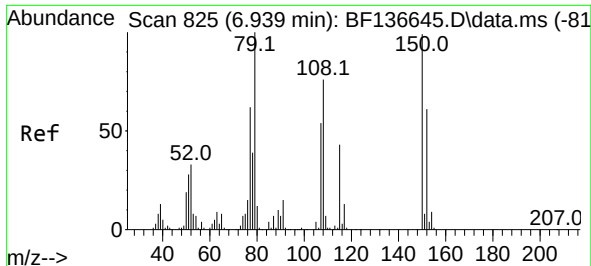
Ion Ratio Lower Upper

146 100

148 62.7 49.6 74.4

111 46.3 36.2 54.2

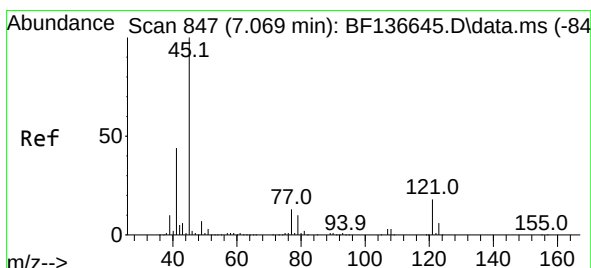
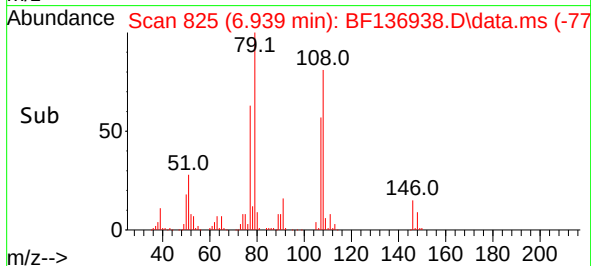
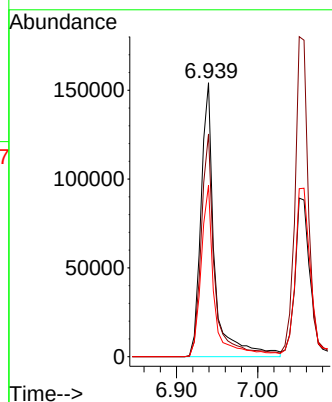
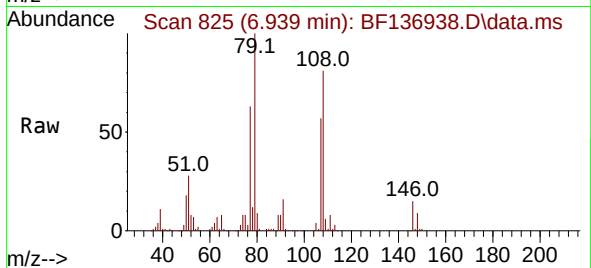




#15
Benzyl Alcohol
Concen: 38.892 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

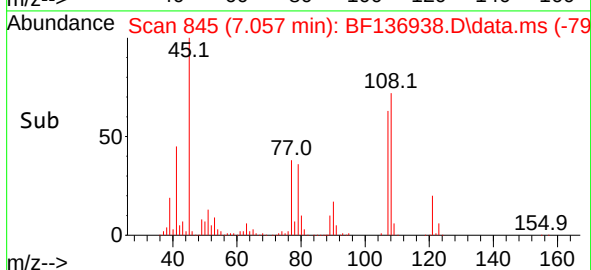
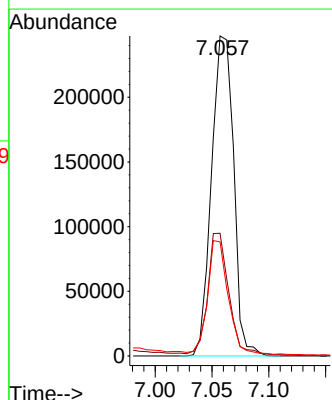
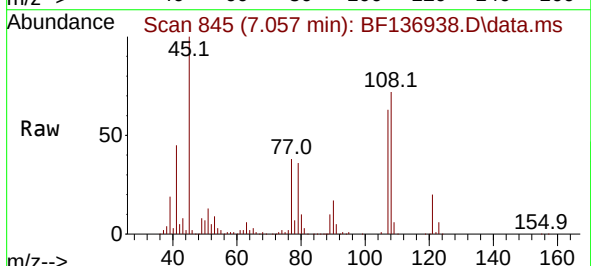
Instrument :
BNA_F
ClientSampleId :
PB158204BS

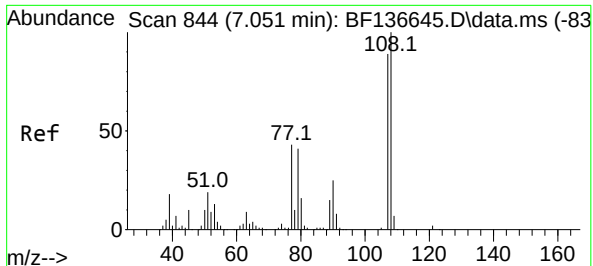
Tgt Ion: 79 Resp: 179819
Ion Ratio Lower Upper
79 100
108 81.3 61.0 91.6
77 62.6 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.880 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Tgt Ion: 45 Resp: 335470
Ion Ratio Lower Upper
45 100
77 38.4 0.0 34.3#
79 35.7 0.0 31.4#

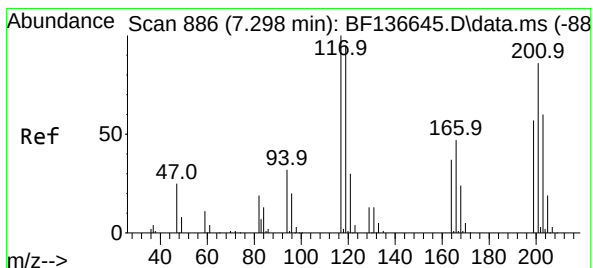
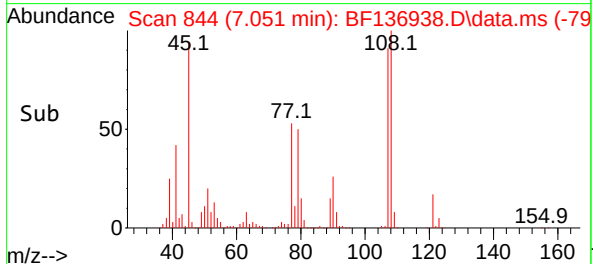
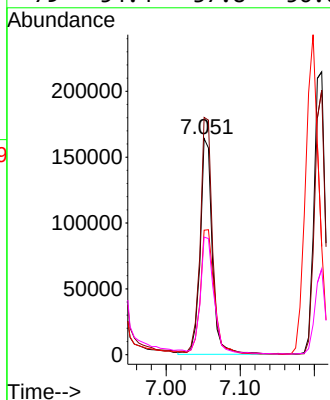
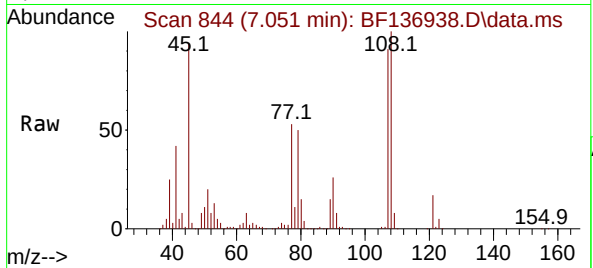




#17
2-Methylphenol
Concen: 38.920 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

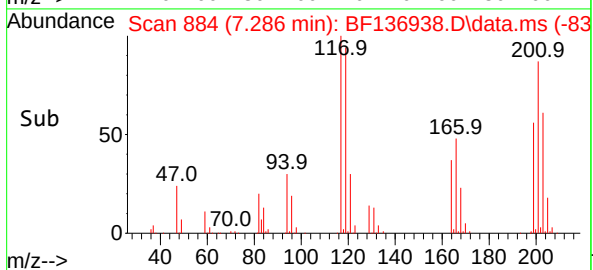
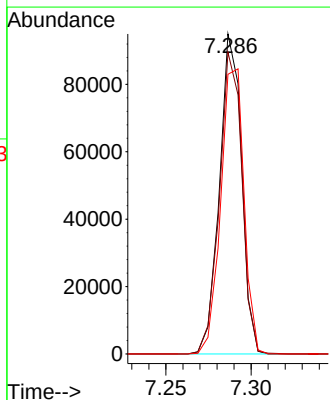
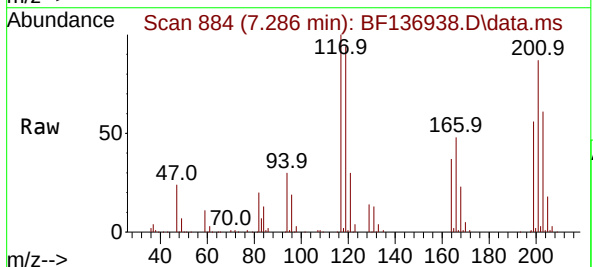
Instrument :
BNA_F
ClientSampleId :
PB158204BS

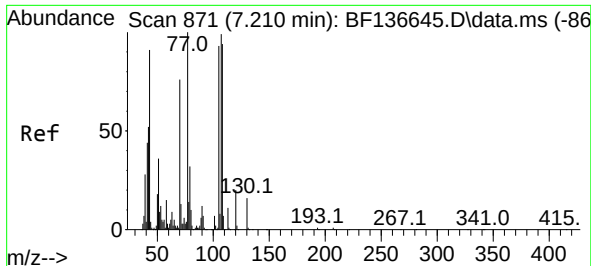
Tgt Ion:107 Resp: 186619
Ion Ratio Lower Upper
107 100
108 109.8 90.3 135.5
77 57.6 38.7 58.1
79 54.4 37.8 56.6



#18
Hexachloroethane
Concen: 36.603 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Tgt Ion:117 Resp: 85762
Ion Ratio Lower Upper
117 100
119 94.3 75.8 113.6
201 87.4 69.1 103.7

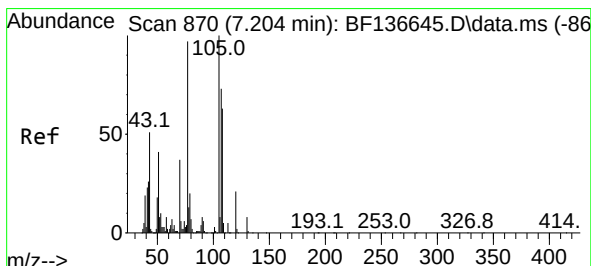
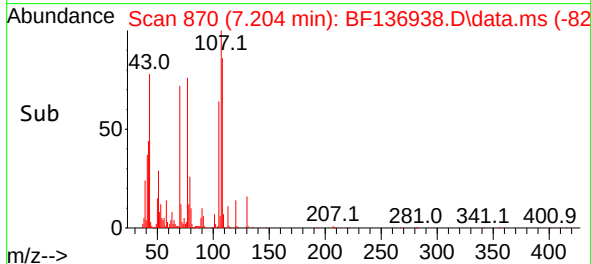
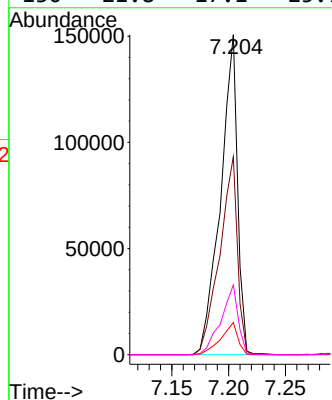
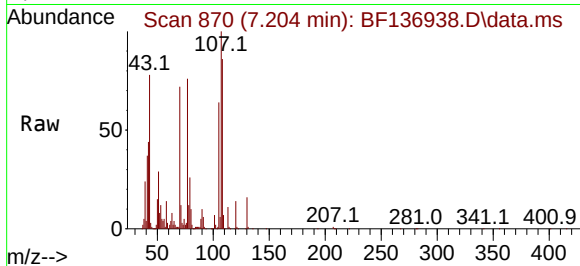




#19
n-Nitroso-di-n-propylamine
Concen: 37.756 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

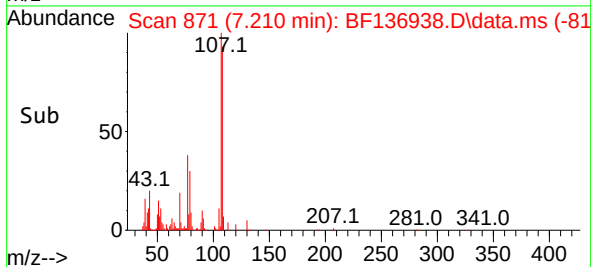
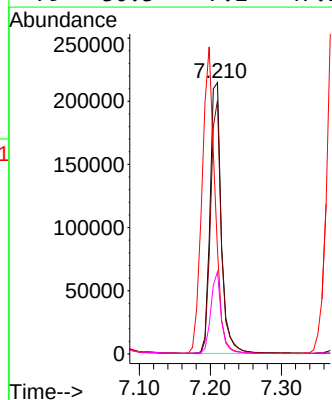
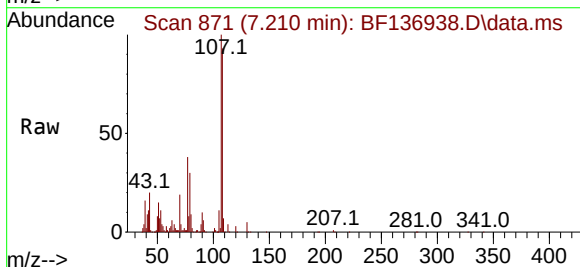
Instrument :
BNA_F
ClientSampleId :
PB158204BS

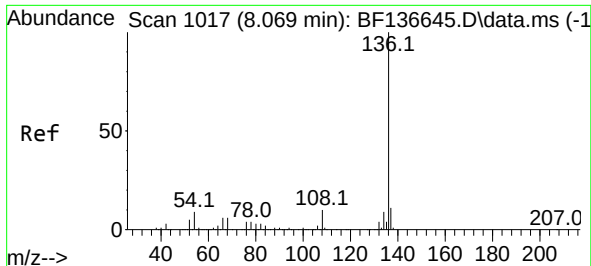
Tgt Ion: 70 Resp: 156857
Ion Ratio Lower Upper
70 100
42 61.9 54.2 81.4
101 10.0 7.6 11.4
130 21.8 17.1 25.7



#20
3+4-Methylphenols
Concen: 39.605 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Tgt Ion: 107 Resp: 237250
Ion Ratio Lower Upper
107 100
108 93.4 66.0 106.0
77 38.3 114.2 154.2#
79 30.3 7.2 47.2

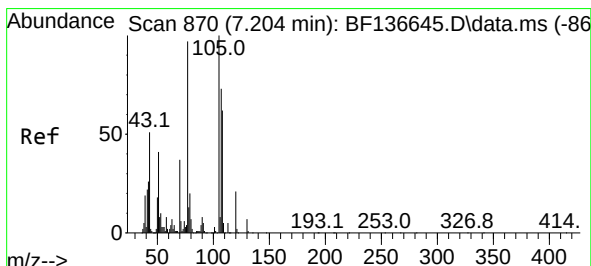
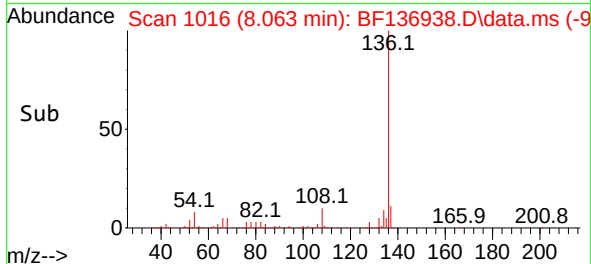
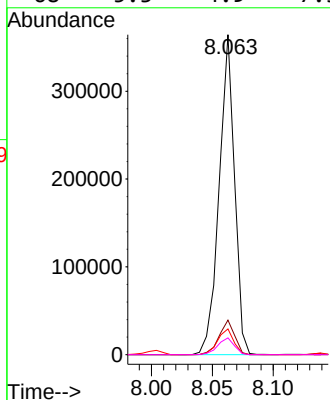
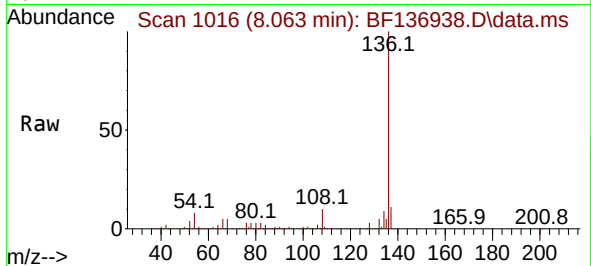




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

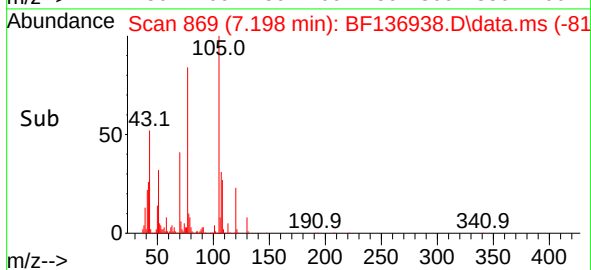
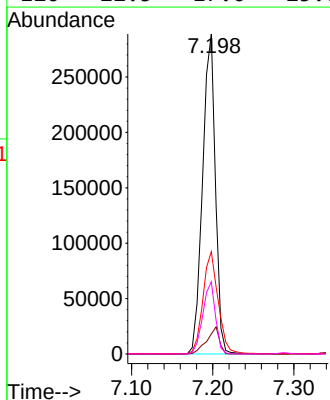
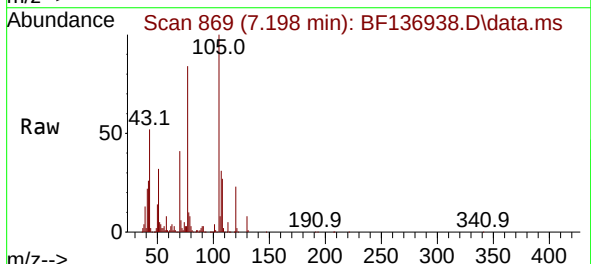
Instrument :
BNA_F
ClientSampleId :
PB158204BS

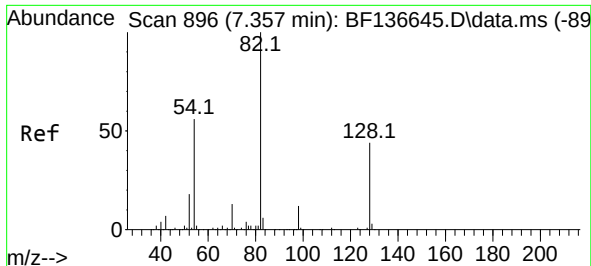
Tgt Ion:136	Resp:	321859	
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.0	7.2	10.8
68	5.3	4.9	7.3



#22
Acetophenone
Concen: 39.144 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Tgt	Ion:105	Resp:	315789
Ion	Ratio	Lower	Upper
105	100		
71	6.3	4.8	7.2
51	31.9	32.8	49.2#
120	22.5	17.0	25.6





#23

Nitrobenzene-d5

Concen: 72.514 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

PB158204BS

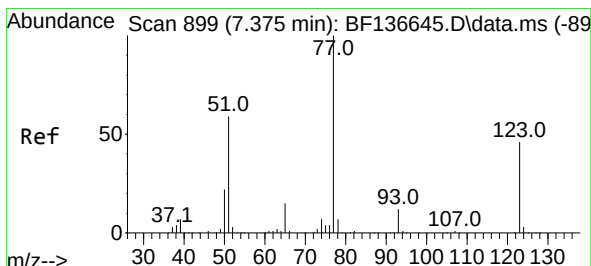
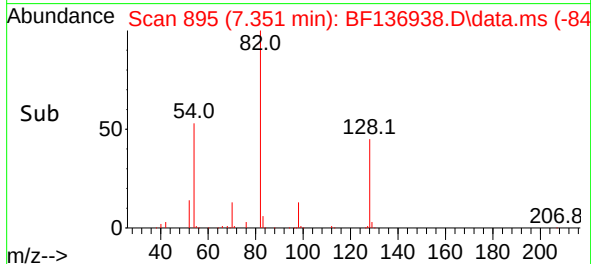
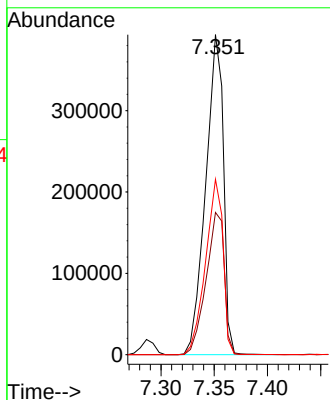
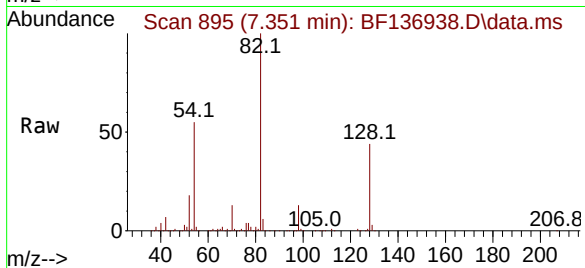
Tgt Ion: 82 Resp: 456101

Ion Ratio Lower Upper

82 100

128 44.5 35.3 52.9

54 54.8 44.5 66.7



#24

Nitrobenzene

Concen: 36.428 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

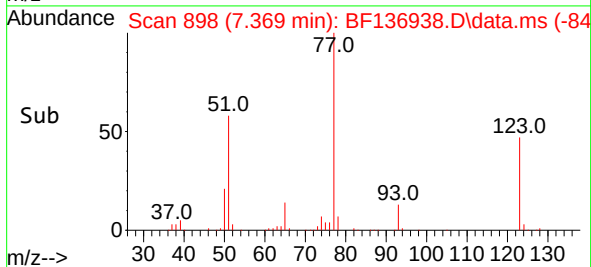
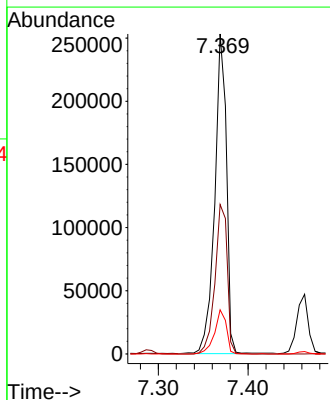
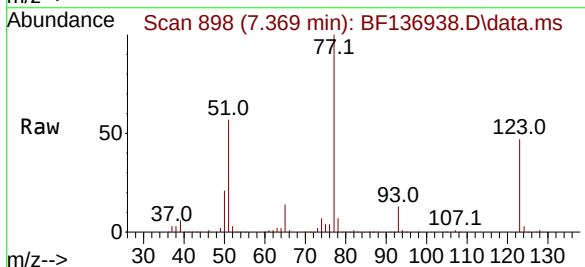
Tgt Ion: 77 Resp: 229528

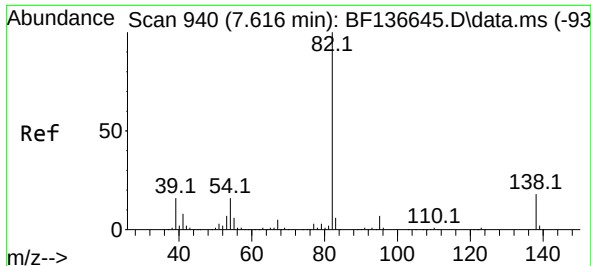
Ion Ratio Lower Upper

77 100

123 46.7 36.7 55.1

65 13.8 11.8 17.6

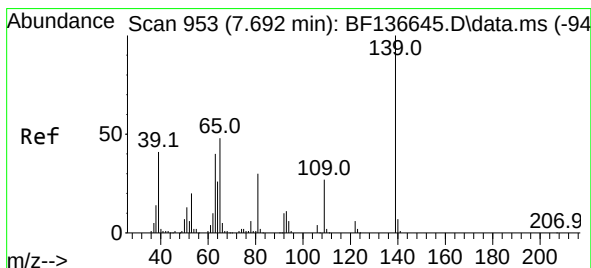
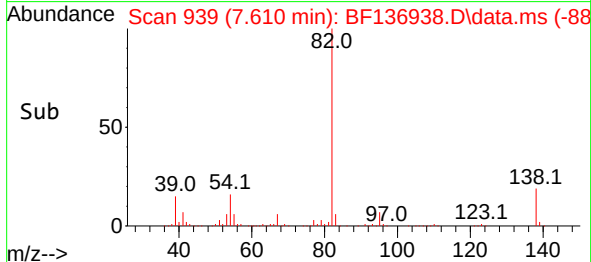
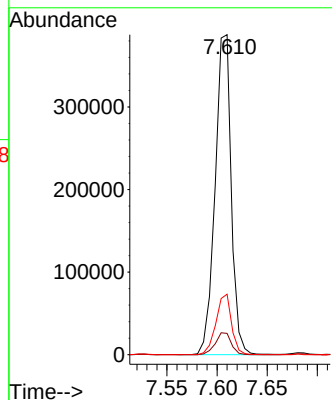
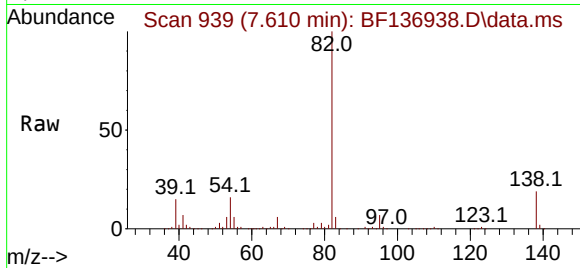




#25
Isophorone
Concen: 37.896 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

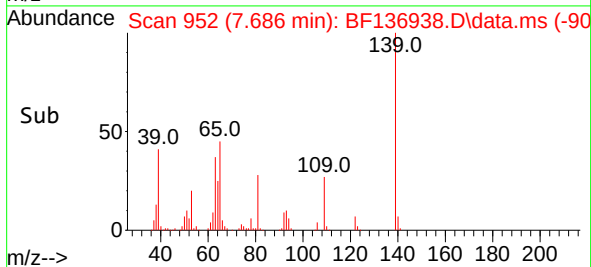
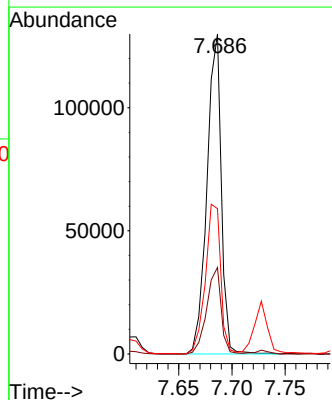
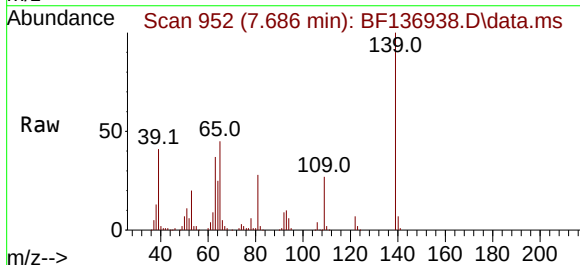
Instrument :
BNA_F
ClientSampleId :
PB158204BS

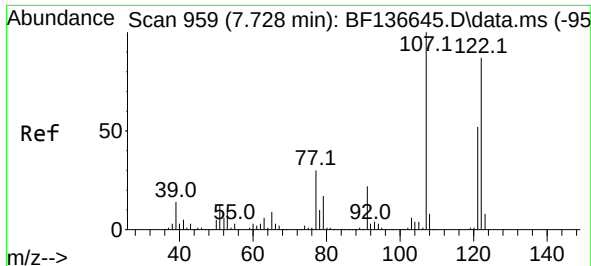
Tgt Ion: 82 Resp: 433722
Ion Ratio Lower Upper
82 100
95 6.6 5.5 8.3
138 18.9 14.5 21.7



#26
2-Nitrophenol
Concen: 40.556 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Tgt Ion:139 Resp: 122258
Ion Ratio Lower Upper
139 100
109 27.1 21.9 32.9
65 45.4 38.6 58.0

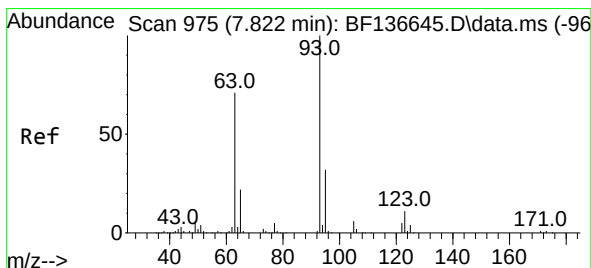
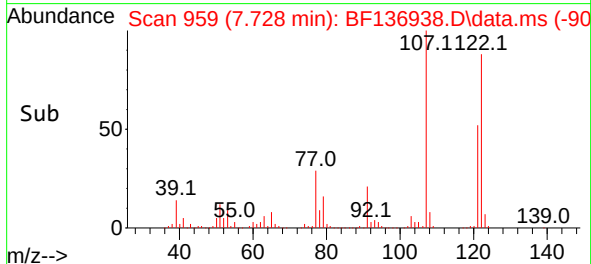
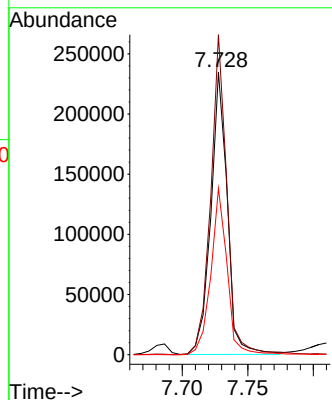
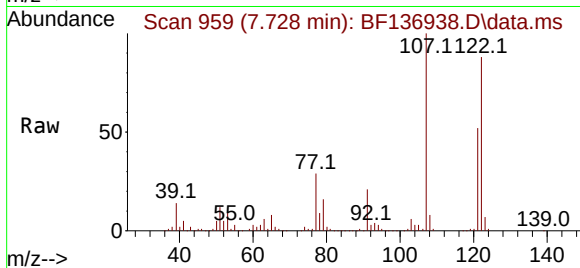




#27
2,4-Dimethylphenol
Concen: 56.002 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

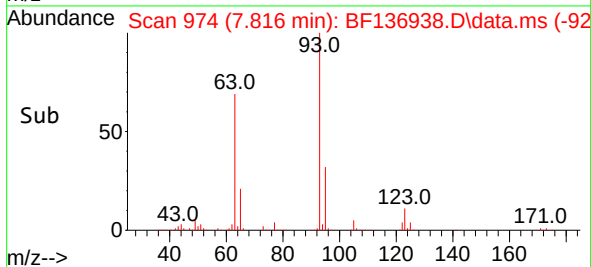
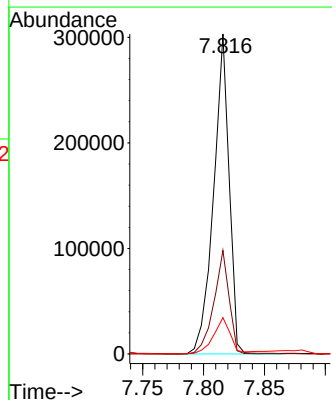
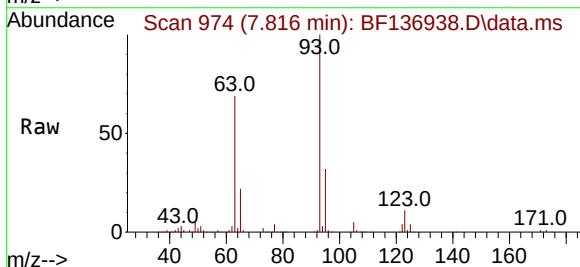
Instrument :
BNA_F
ClientSampleId :
PB158204BS

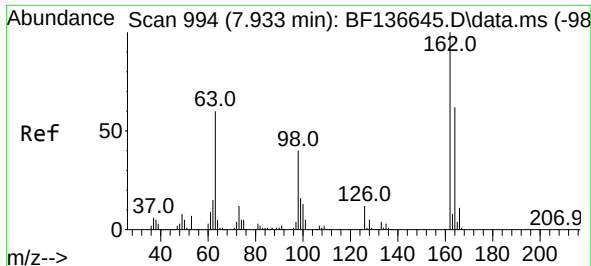
Tgt Ion:122 Resp: 205532
Ion Ratio Lower Upper
122 100
107 113.2 92.0 138.0
121 58.8 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 38.582 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Tgt Ion: 93 Resp: 268408
Ion Ratio Lower Upper
93 100
95 32.3 25.5 38.3
123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.883 ng

RT: 7.933 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF136938.D

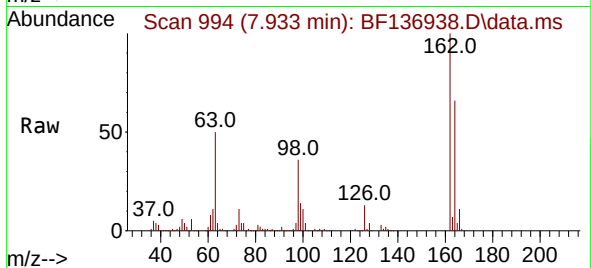
Acq: 04 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

PB158204BS



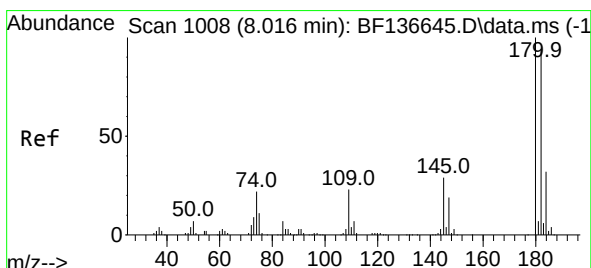
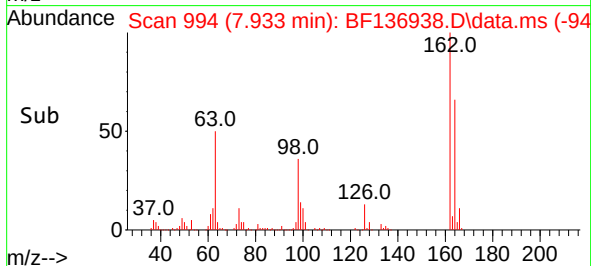
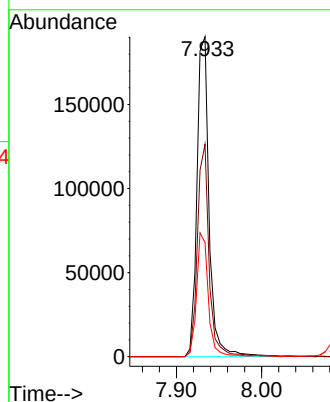
Tgt Ion:162 Resp: 188445

Ion Ratio Lower Upper

162 100

164 66.3 41.7 81.7

98 35.7 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 37.565 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

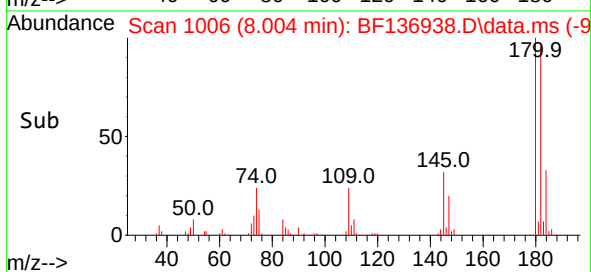
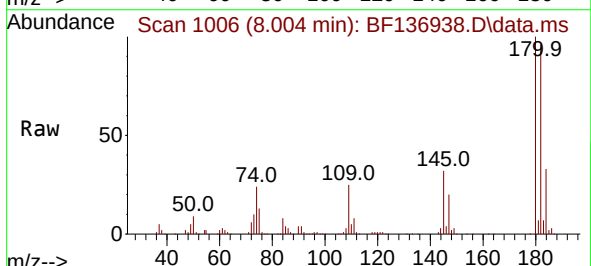
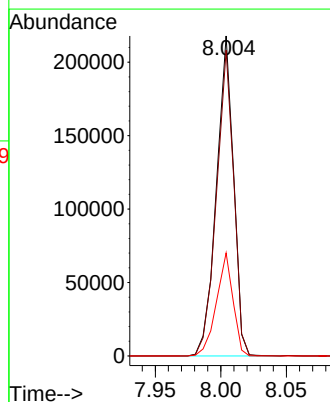
Tgt Ion:180 Resp: 197757

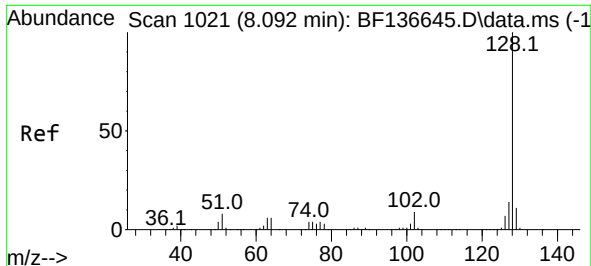
Ion Ratio Lower Upper

180 100

182 95.5 75.4 113.0

145 32.2 23.1 34.7

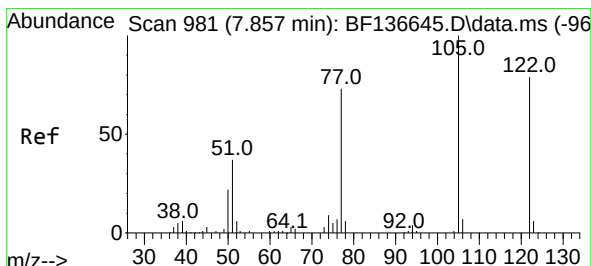
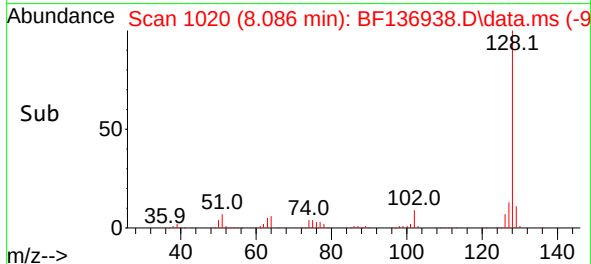
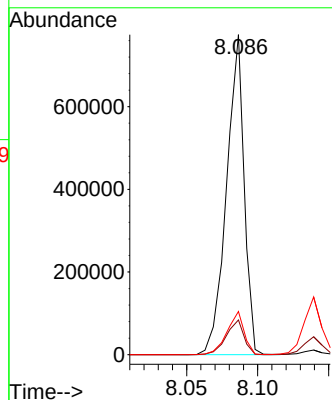
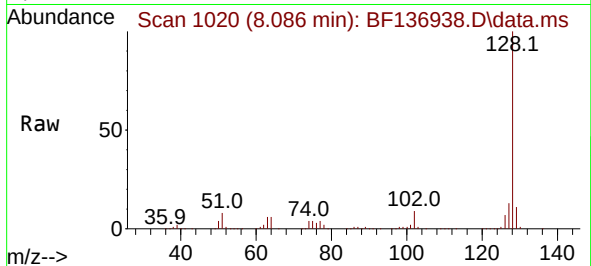




#31
Naphthalene
Concen: 37.706 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

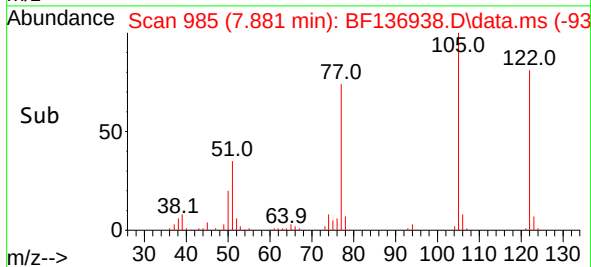
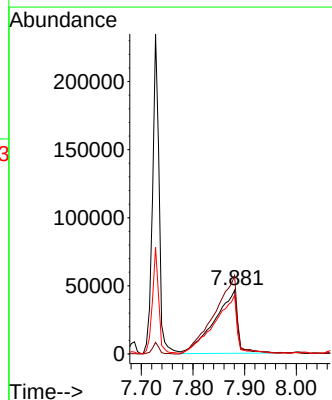
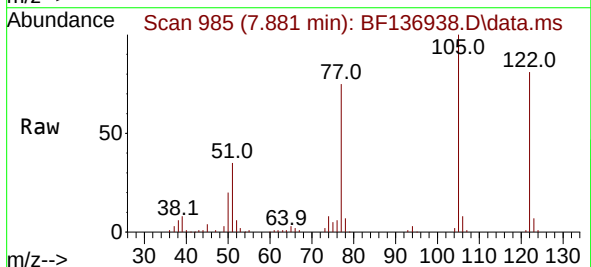
Instrument :
BNA_F
ClientSampleId :
PB158204BS

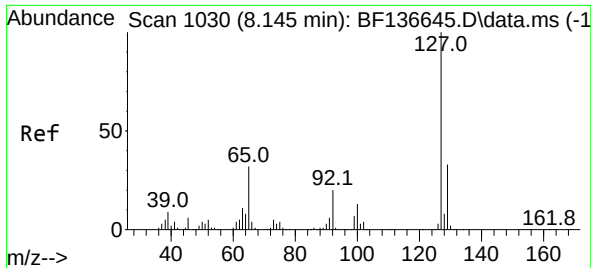
Tgt Ion:128 Resp: 666719
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 40.573 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.024 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Tgt Ion:122 Resp: 144076
Ion Ratio Lower Upper
122 100
105 123.1 100.8 140.8
77 92.3 70.9 110.9

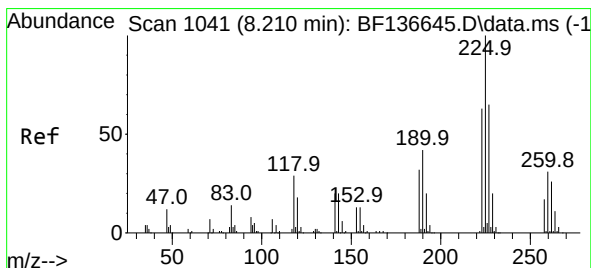
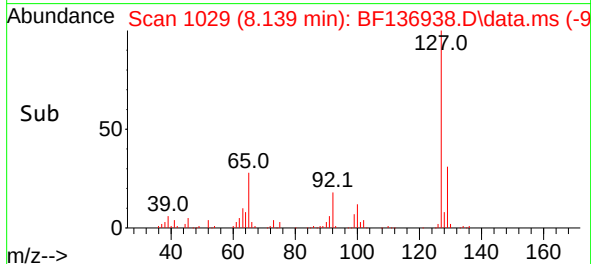
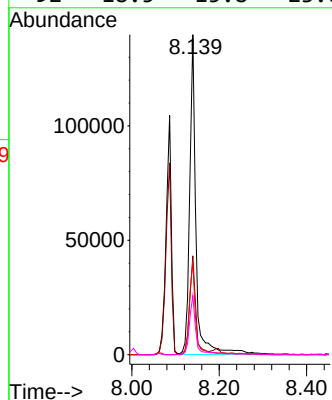
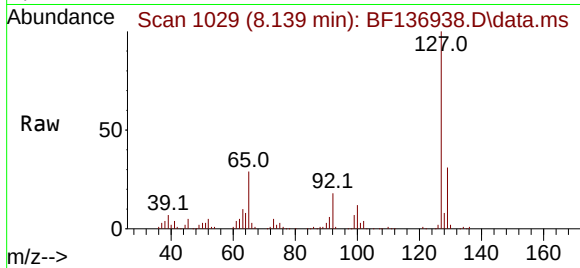




#33
4-Chloroaniline
Concen: 21.363 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

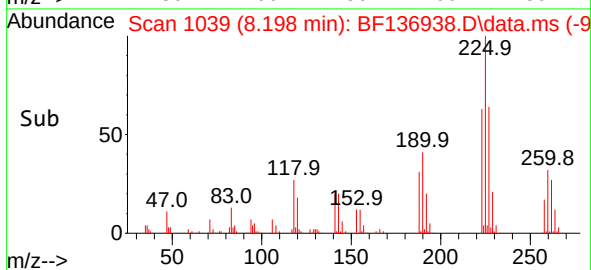
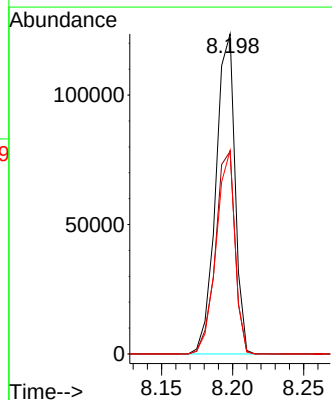
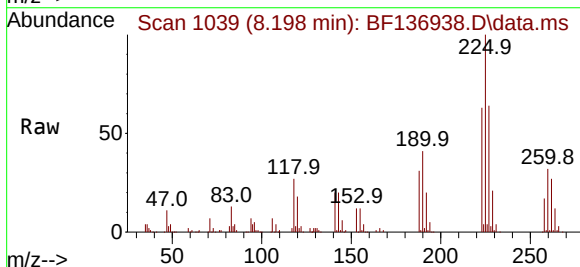
Instrument :
BNA_F
ClientSampleId :
PB158204BS

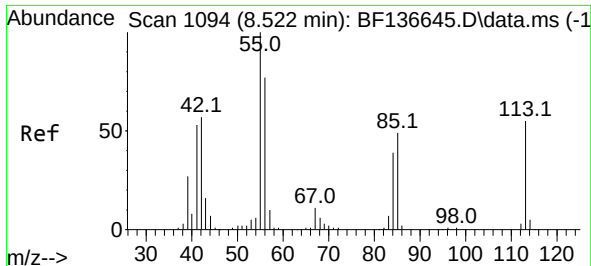
Tgt Ion:	127	Resp:	139467
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.3	39.5
65	29.1	25.8	38.8
92	18.5	15.8	23.6



#34
Hexachlorobutadiene
Concen: 36.252 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Tgt Ion:	225	Resp:	115952
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	63.6	51.9	77.9

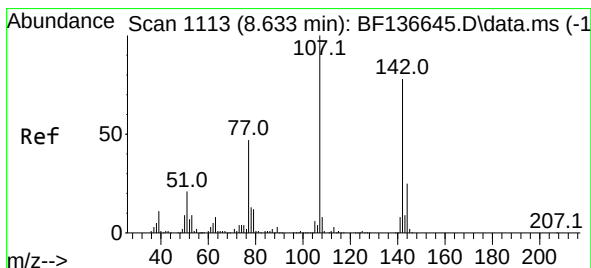
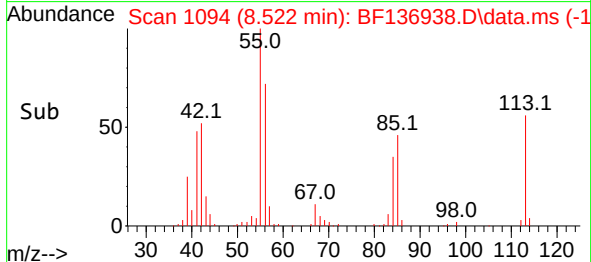
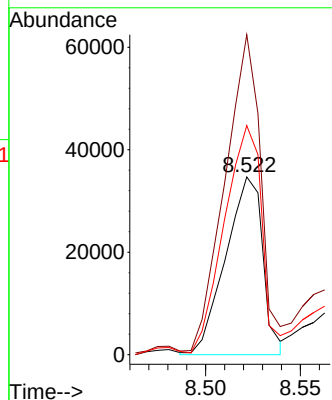
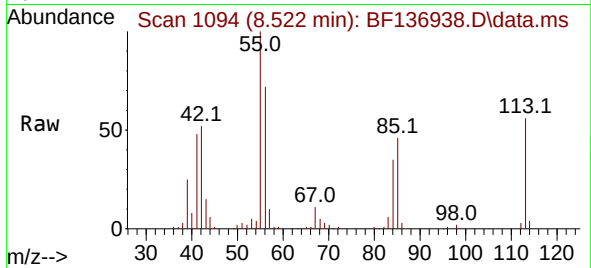




#35
Caprolactam
Concen: 30.294 ng
RT: 8.522 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

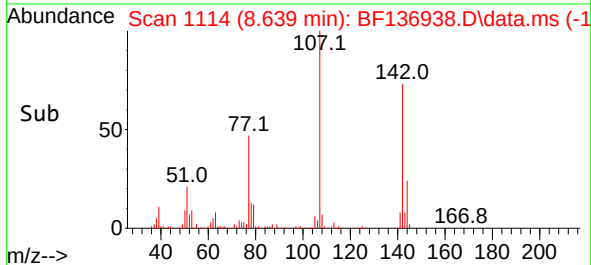
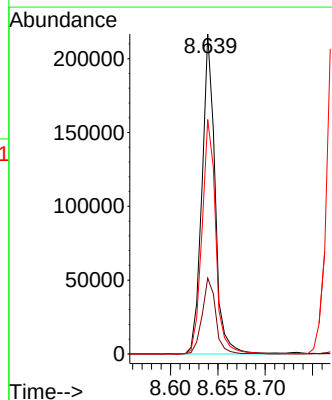
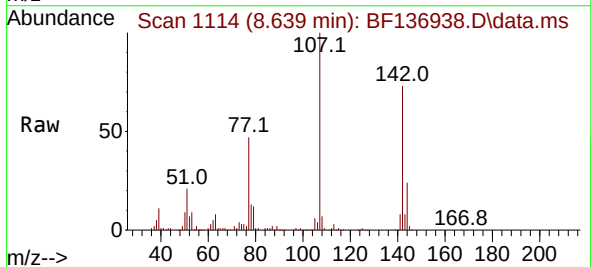
Instrument :
BNA_F
ClientSampleId :
PB158204BS

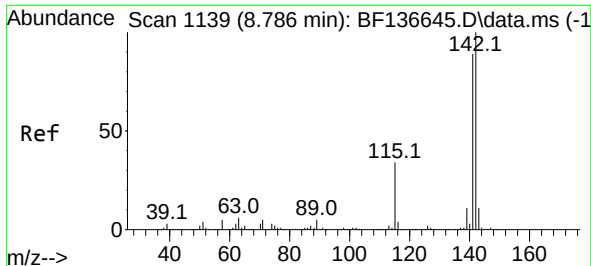
Tgt Ion:113 Resp: 47220
Ion Ratio Lower Upper
113 100
55 180.0 163.1 203.1
56 128.8 121.7 161.7



#36
4-Chloro-3-methylphenol
Concen: 39.286 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Tgt Ion:107 Resp: 208971
Ion Ratio Lower Upper
107 100
144 23.7 20.2 30.2
142 73.3 62.3 93.5





#37

2-Methylnaphthalene

Concen: 38.368 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

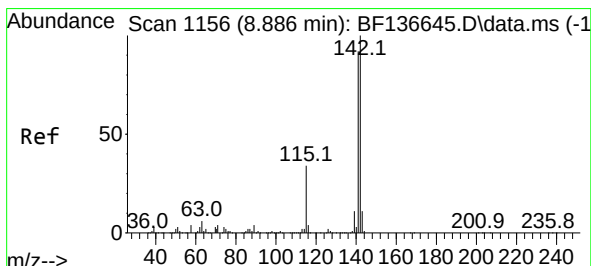
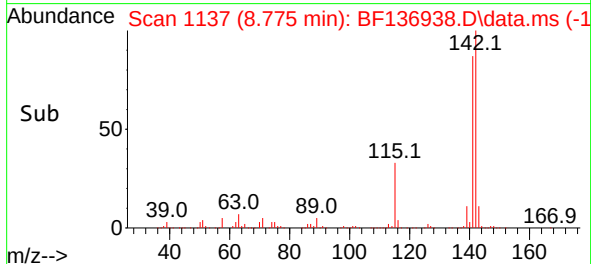
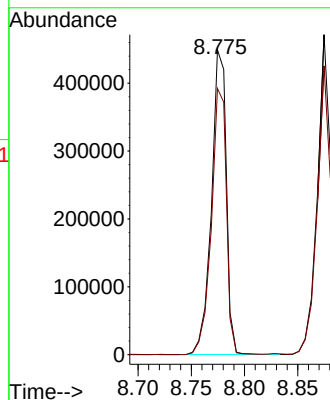
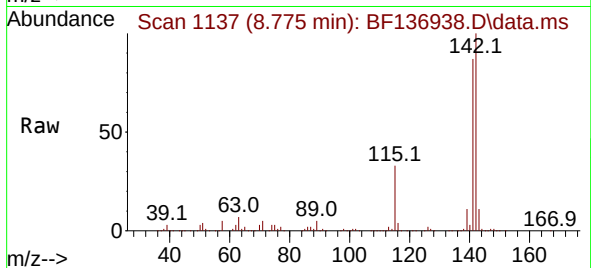
PB158204BS

Tgt Ion:142 Resp: 436610

Ion Ratio Lower Upper

142 100

141 87.4 71.1 106.7



#38

1-Methylnaphthalene

Concen: 36.433 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136938.D

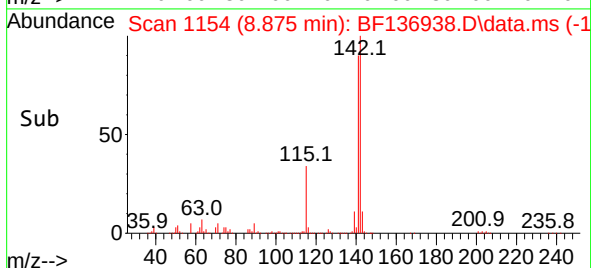
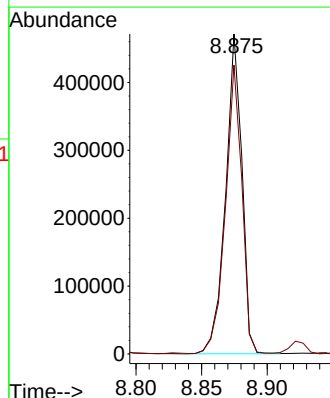
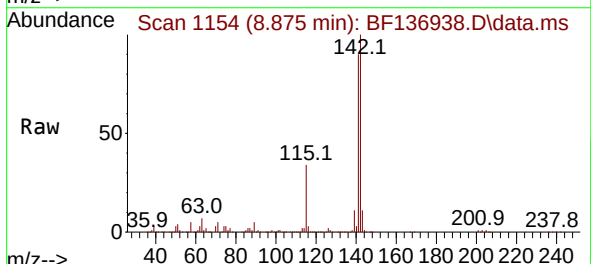
Acq: 04 Jan 2024 13:35

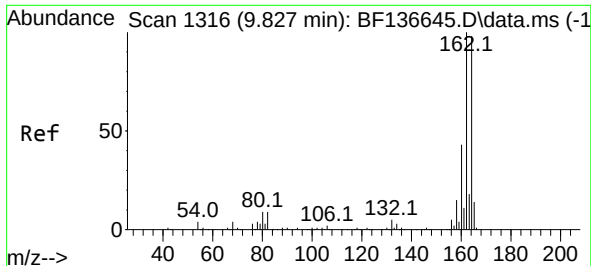
Tgt Ion:142 Resp: 406750

Ion Ratio Lower Upper

142 100

141 90.2 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

PB158204BS

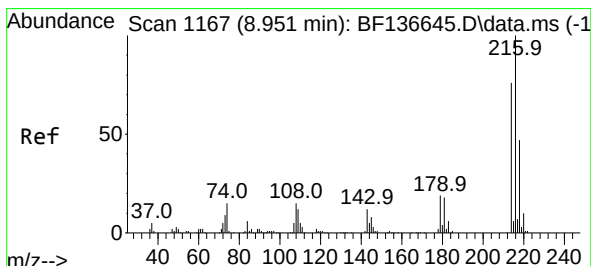
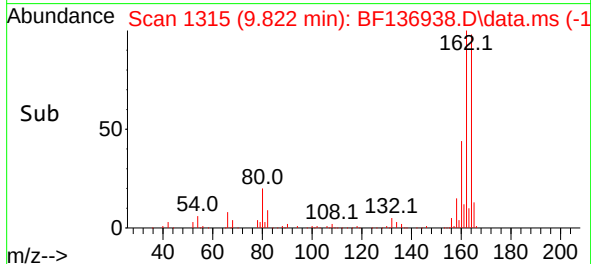
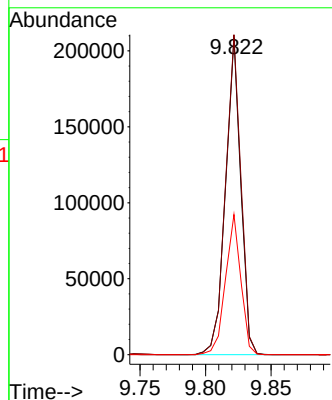
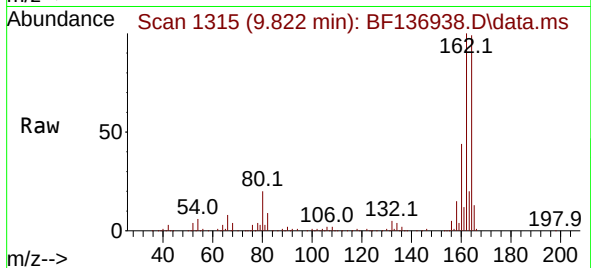
Tgt Ion:164 Resp: 168380

Ion Ratio Lower Upper

164 100

162 101.0 81.6 122.4

160 44.2 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.360 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

Tgt Ion:216 Resp: 205250

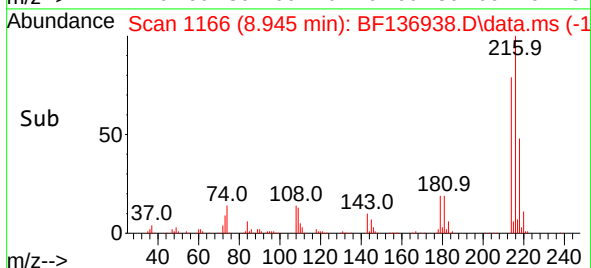
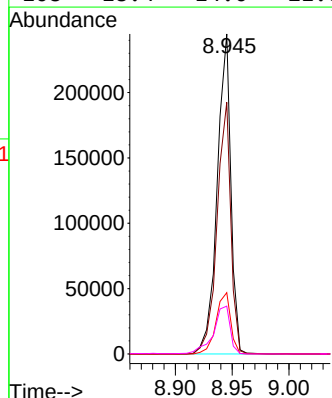
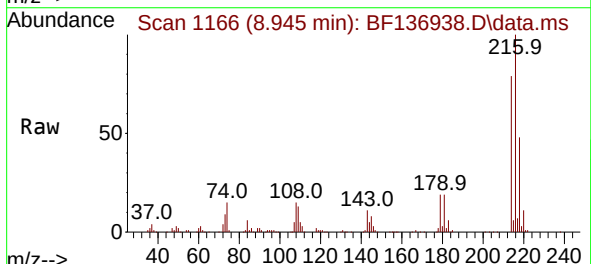
Ion Ratio Lower Upper

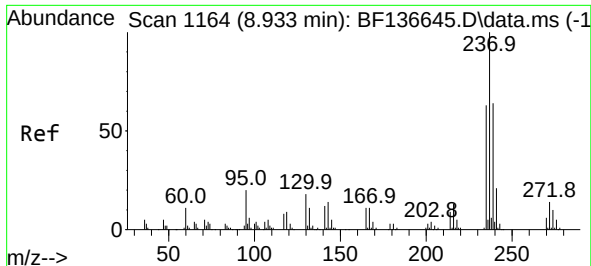
216 100

214 79.1 62.3 93.5

179 20.4 16.4 24.6

108 18.4 14.0 21.0

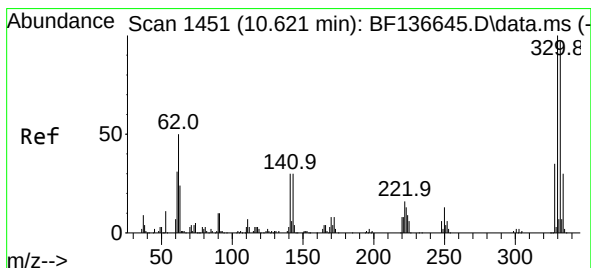
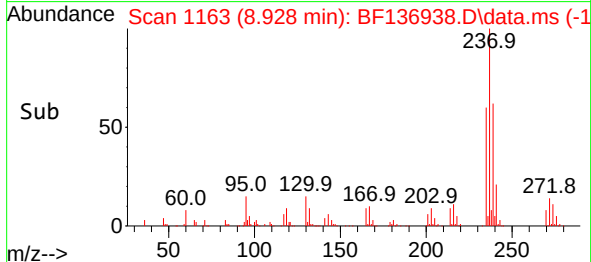
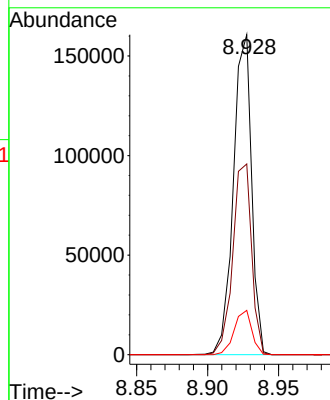
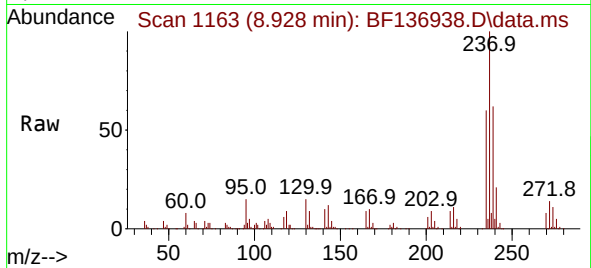




#41
Hexachlorocyclopentadiene
Concen: 86.031 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

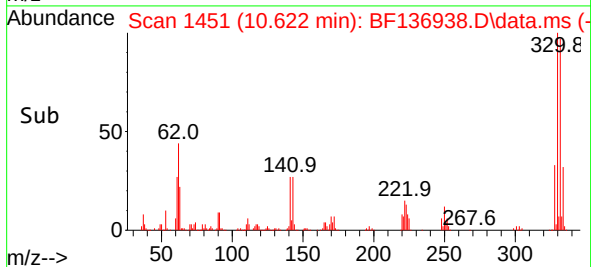
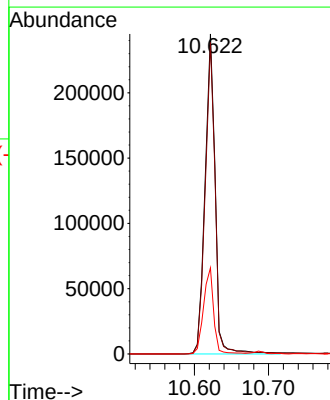
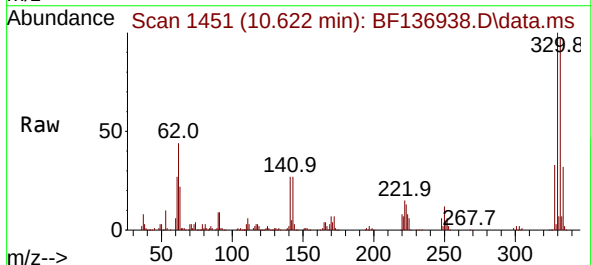
Instrument :
BNA_F
ClientSampleId :
PB158204BS

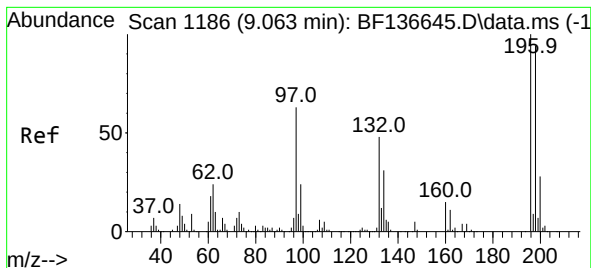
Tgt Ion:237 Resp: 143694
Ion Ratio Lower Upper
237 100
235 59.6 43.2 83.2
272 13.9 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 117.149 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Tgt Ion:330 Resp: 232312
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 26.9 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 39.840 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF136938.D

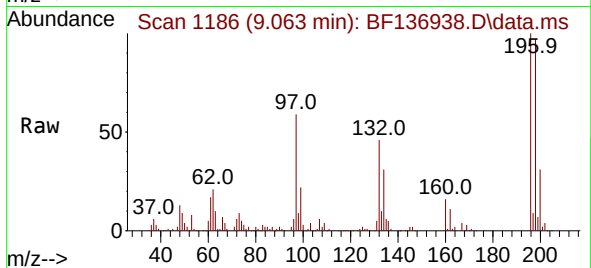
Acq: 04 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

PB158204BS



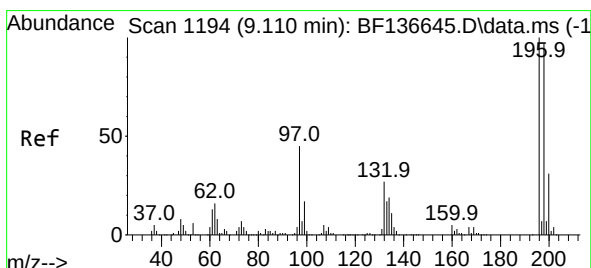
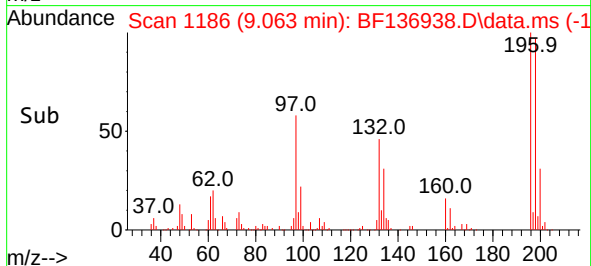
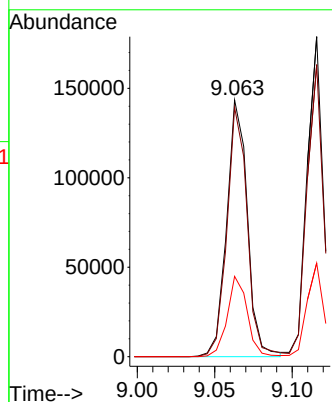
Tgt Ion:196 Resp: 133236

Ion Ratio Lower Upper

196 100

198 97.1 75.1 112.7

200 31.3 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 39.217 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

Tgt Ion:196 Resp: 146150

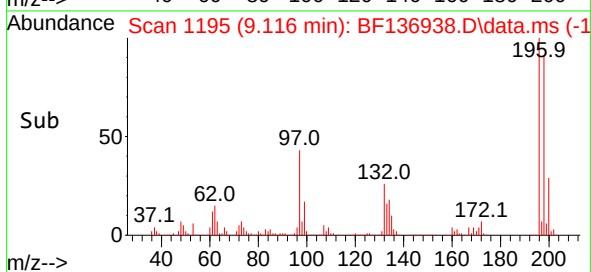
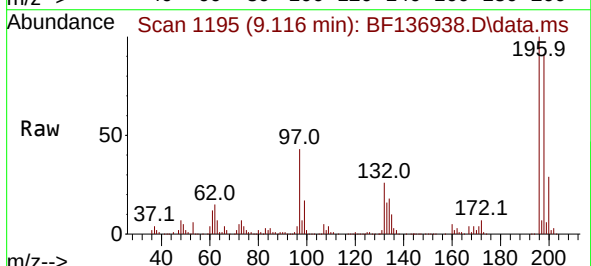
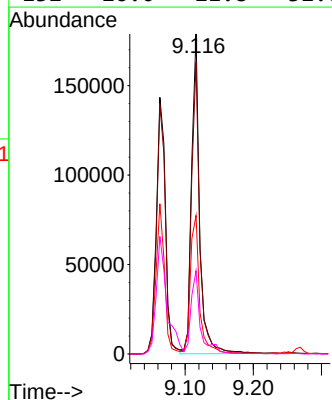
Ion Ratio Lower Upper

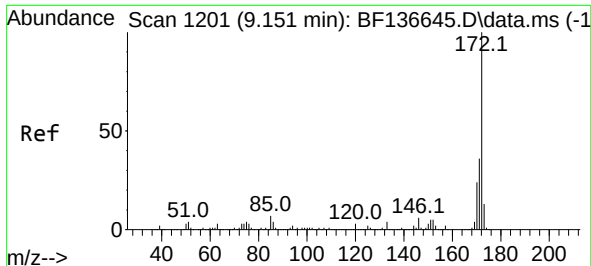
196 100

198 91.3 77.0 115.6

97 43.2 36.1 54.1

132 26.0 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 74.158 ng

RT: 9.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

PB158204BS

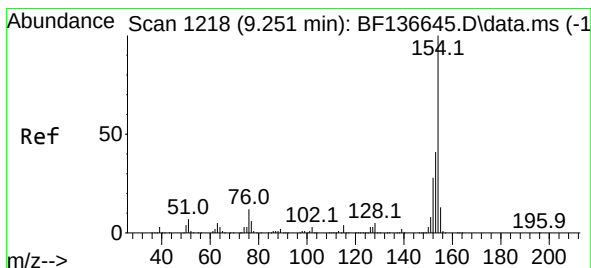
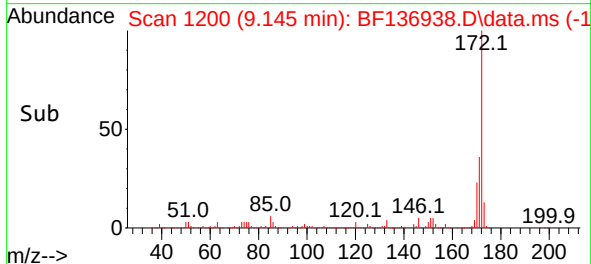
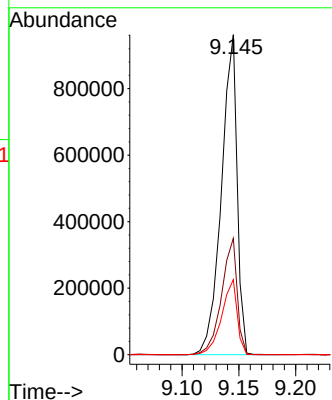
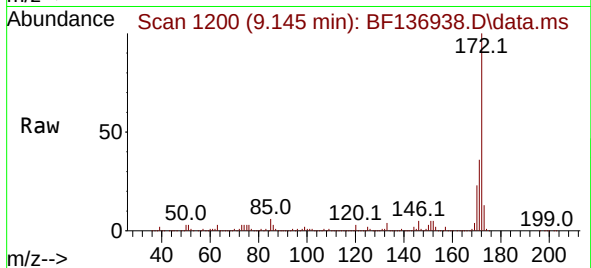
Tgt Ion:172 Resp: 928392

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.6

170 23.5 19.0 28.4



#46

1,1'-Biphenyl

Concen: 39.895 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

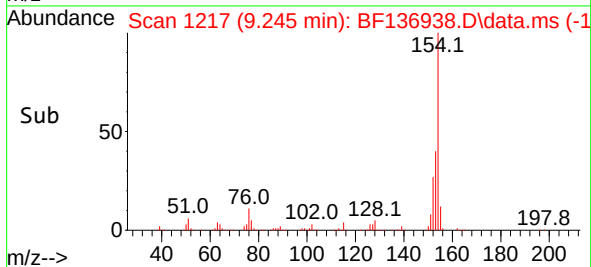
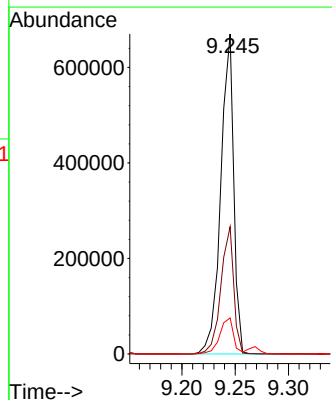
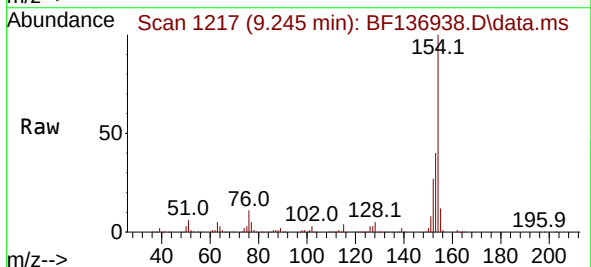
Tgt Ion:154 Resp: 563698

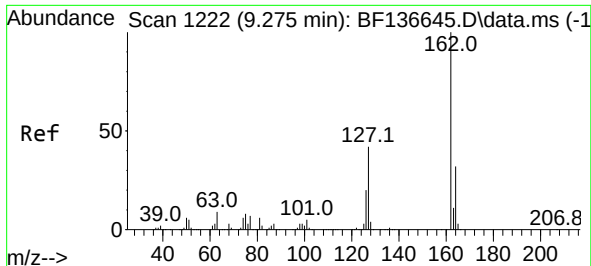
Ion Ratio Lower Upper

154 100

153 39.7 21.1 61.1

76 11.3 0.0 31.7

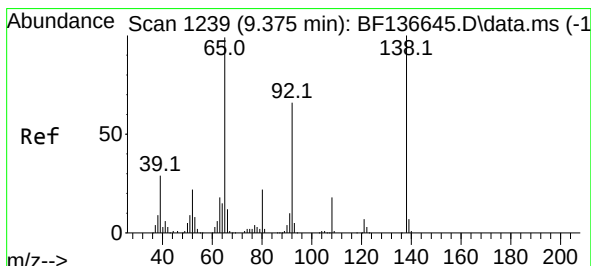
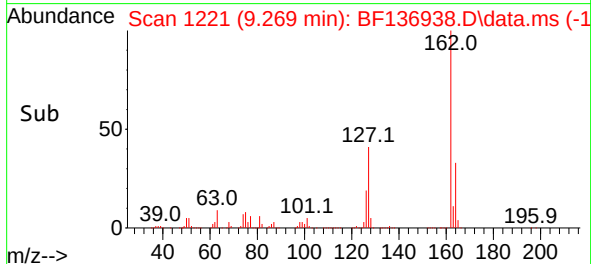
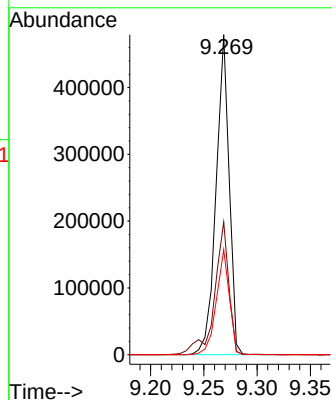
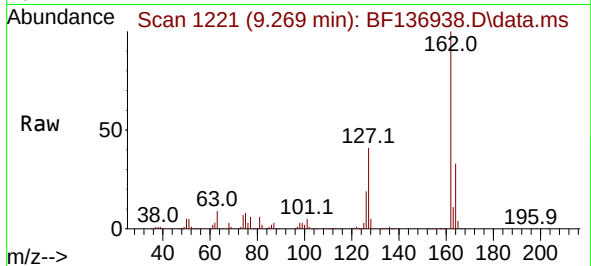




#47
2-Chloronaphthalene
Concen: 37.990 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

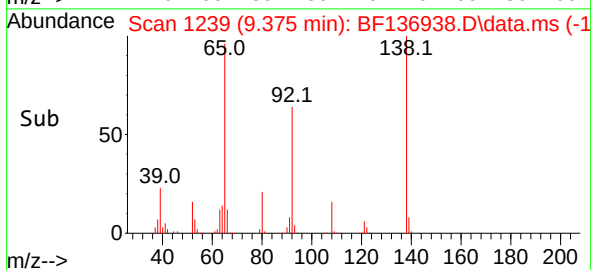
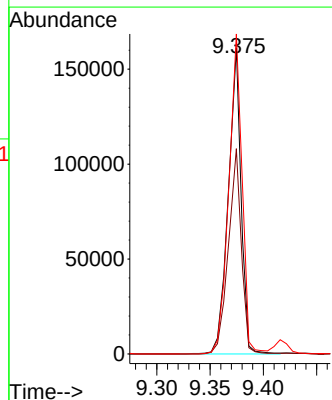
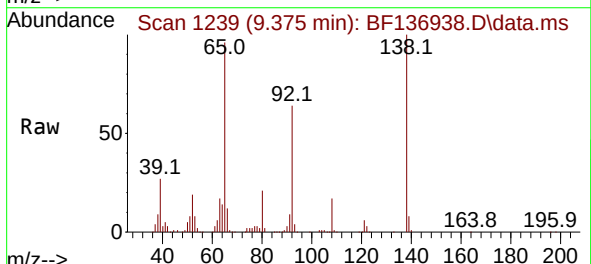
Instrument :
BNA_F
ClientSampleId :
PB158204BS

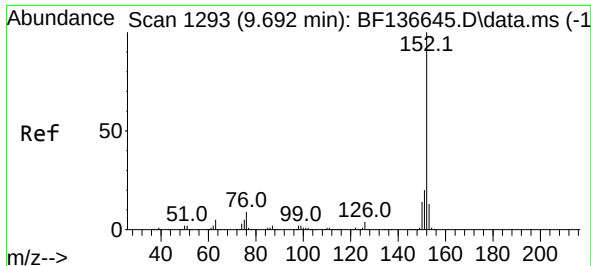
Tgt Ion:162 Resp: 408074
Ion Ratio Lower Upper
162 100
127 41.4 33.6 50.4
164 32.8 25.7 38.5



#48
2-Nitroaniline
Concen: 39.943 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Tgt Ion: 65 Resp: 134358
Ion Ratio Lower Upper
65 100
92 67.0 53.2 79.8
138 104.5 81.1 121.7





#49

Acenaphthylene

Concen: 39.506 ng

RT: 9.686 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

PB158204BS

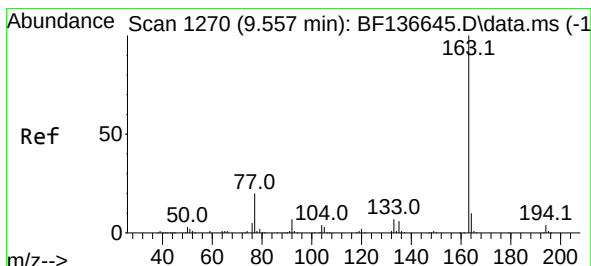
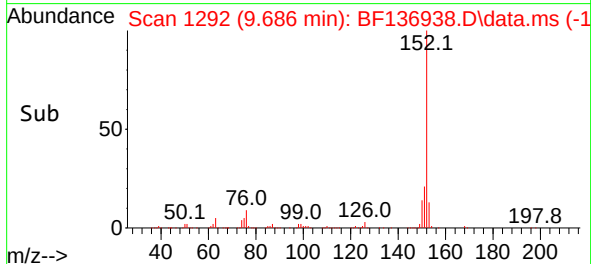
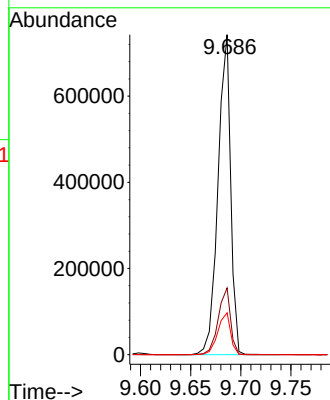
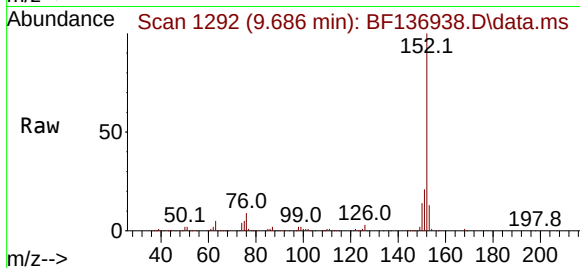
Tgt Ion:152 Resp: 648631

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.4

153 13.1 10.2 15.2



#50

Dimethylphthalate

Concen: 40.074 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

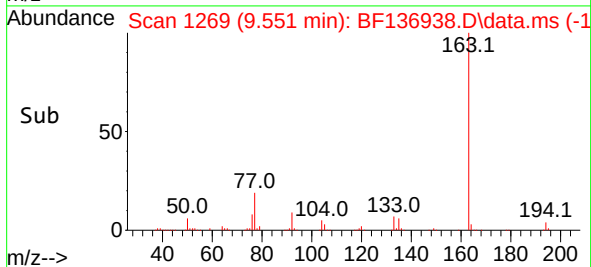
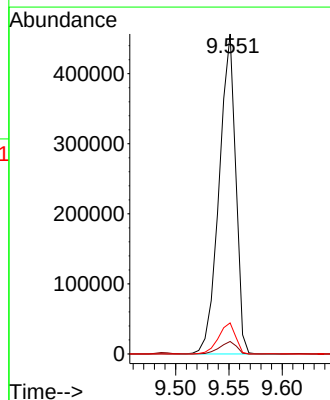
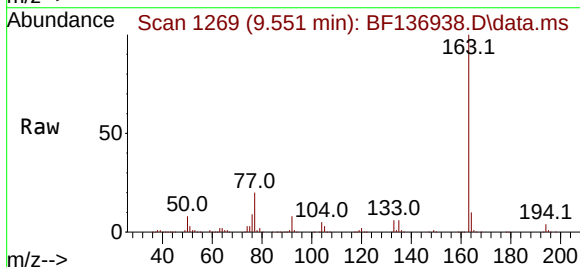
Tgt Ion:163 Resp: 492871

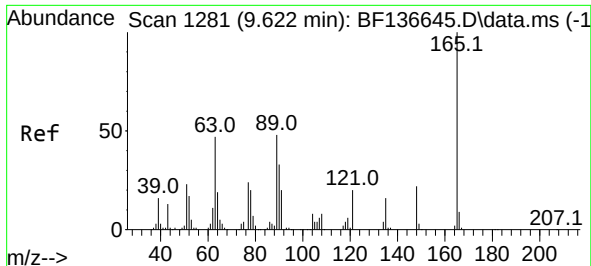
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 9.7 7.8 11.6

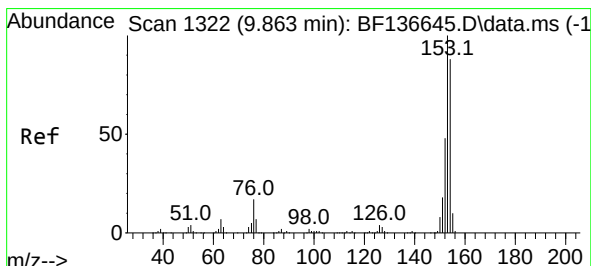
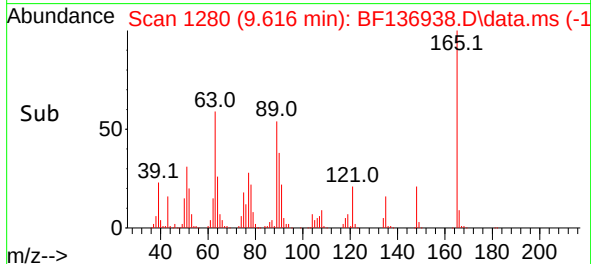
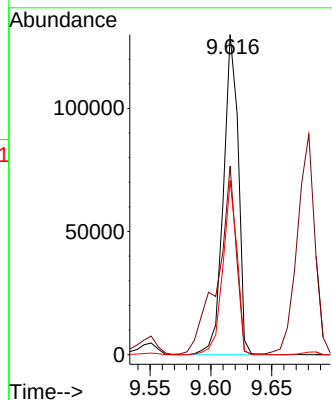
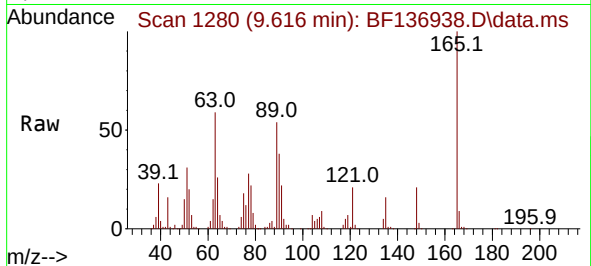




#51
2,6-Dinitrotoluene
Concen: 39.603 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

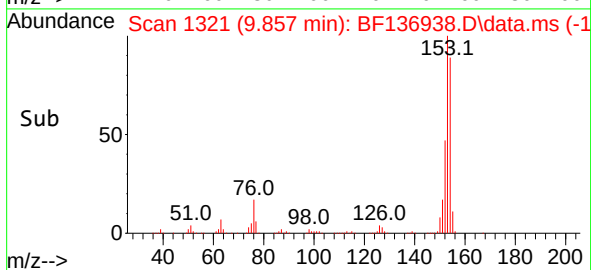
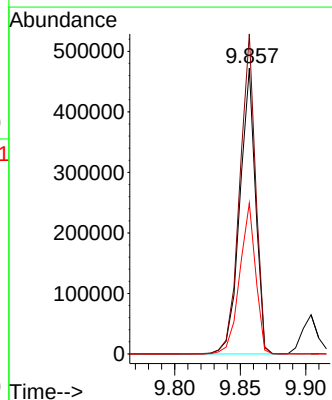
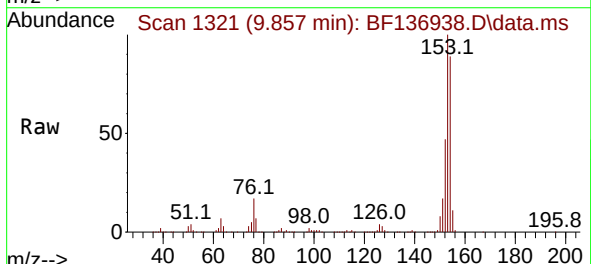
Instrument :
BNA_F
ClientSampleId :
PB158204BS

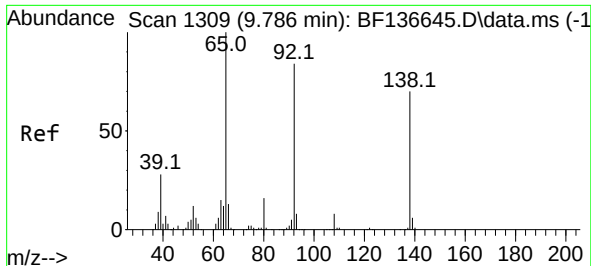
Tgt Ion:165 Resp: 110541
Ion Ratio Lower Upper
165 100
63 58.9 39.8 59.6
89 54.4 38.8 58.2



#52
Acenaphthene
Concen: 38.986 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Tgt Ion:154 Resp: 396779
Ion Ratio Lower Upper
154 100
153 112.0 90.7 136.1
152 52.8 43.7 65.5

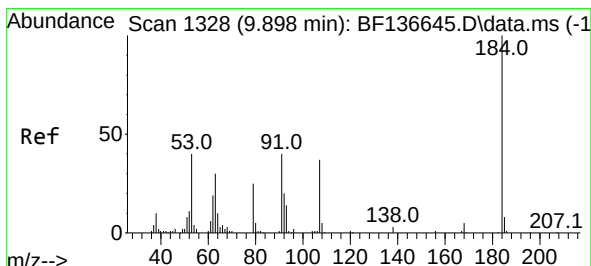
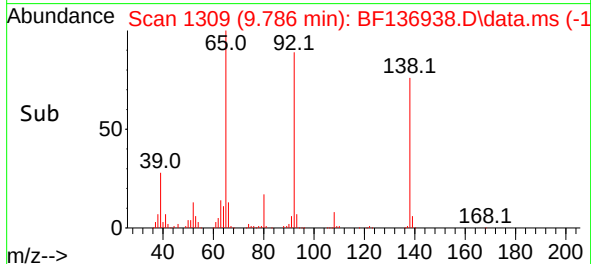
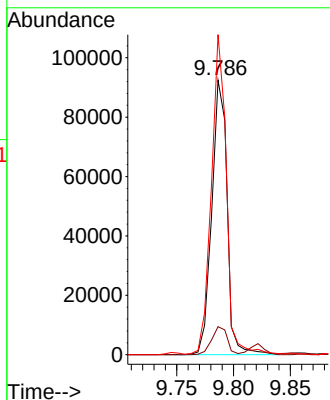
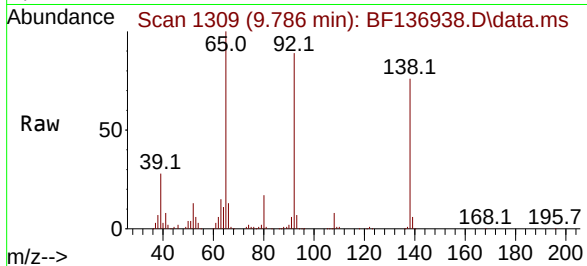




#53
3-Nitroaniline
Concen: 29.375 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

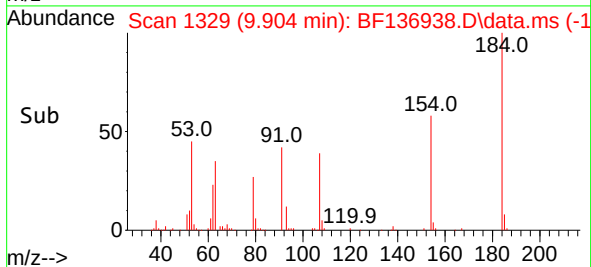
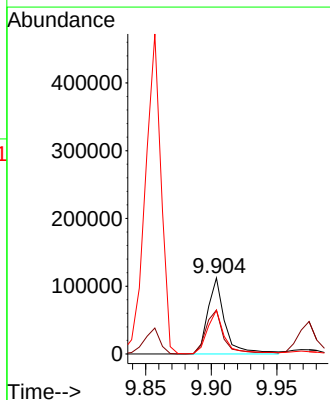
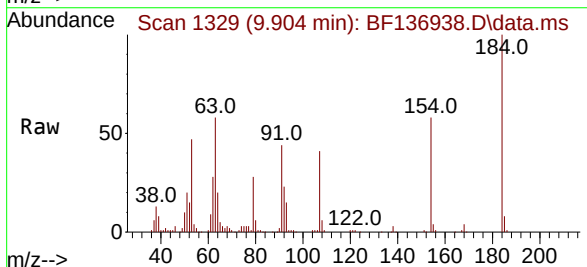
Instrument :
BNA_F
ClientSampleId :
PB158204BS

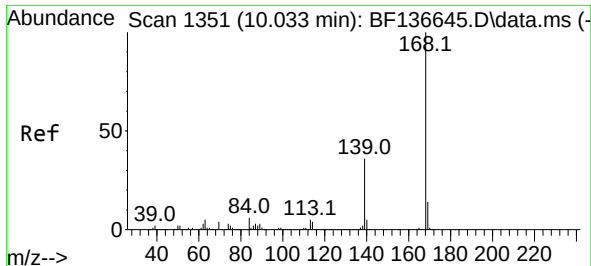
Tgt Ion:138 Resp: 86856
Ion Ratio Lower Upper
138 100
108 10.2 8.6 12.8
92 116.6 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 66.724 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Tgt Ion:184 Resp: 102214
Ion Ratio Lower Upper
184 100
63 57.8 40.9 61.3
154 57.7 42.7 64.1

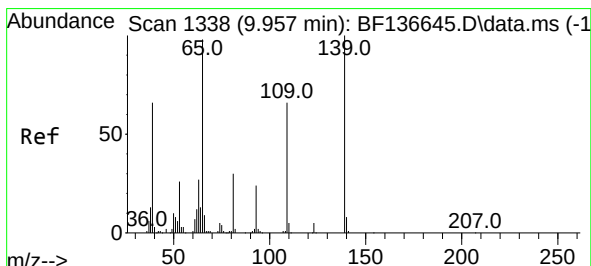
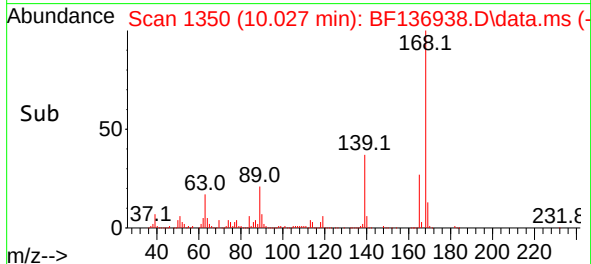
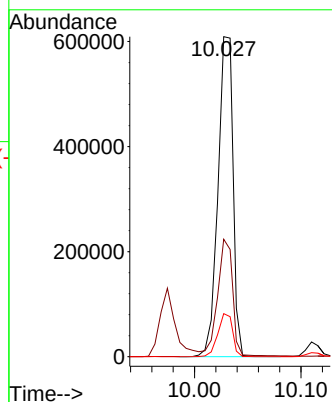
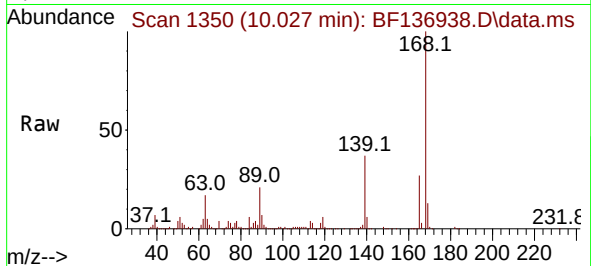




#55
Dibenzenofuran
Concen: 38.712 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

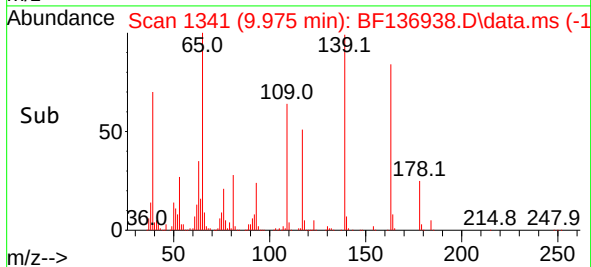
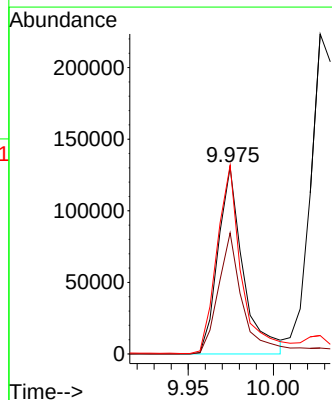
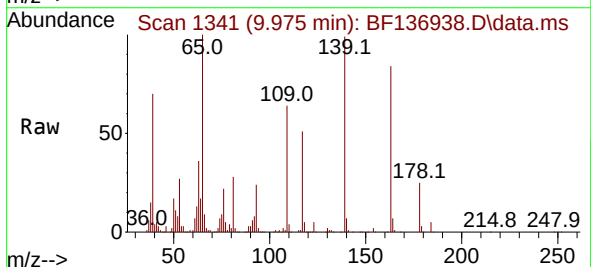
Instrument :
BNA_F
ClientSampleId :
PB158204BS

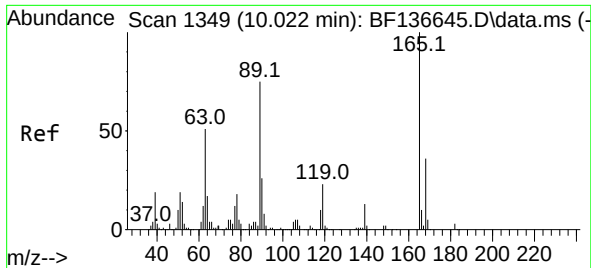
Tgt Ion:168 Resp: 597240
Ion Ratio Lower Upper
168 100
139 36.7 29.3 43.9
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 66.793 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Tgt Ion:139 Resp: 133320
Ion Ratio Lower Upper
139 100
109 64.9 45.8 85.8
65 101.0 77.8 117.8

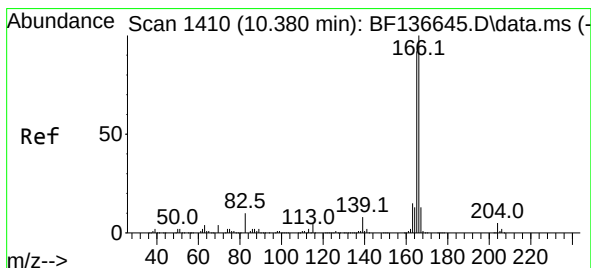
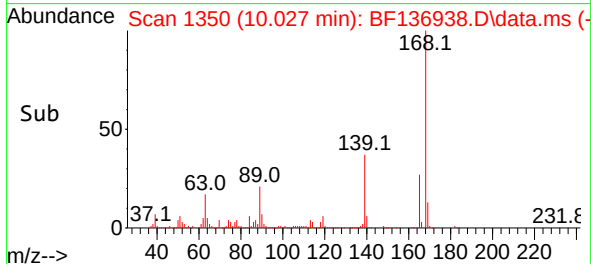
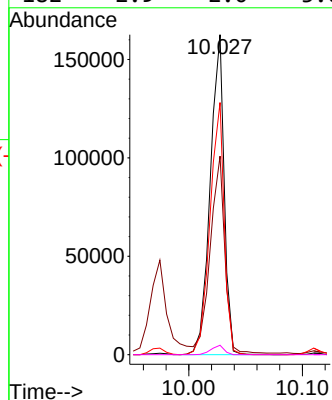
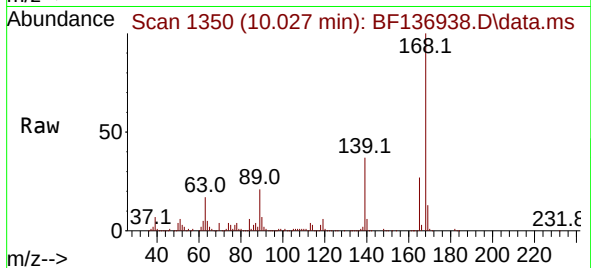




#57
2,4-Dinitrotoluene
Concen: 38.167 ng
RT: 10.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

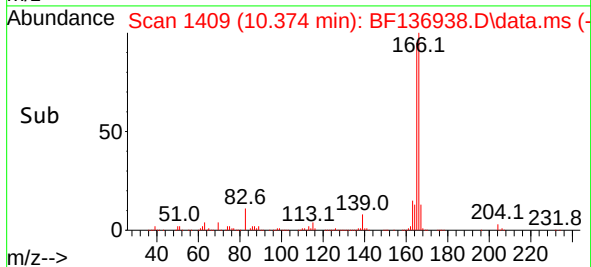
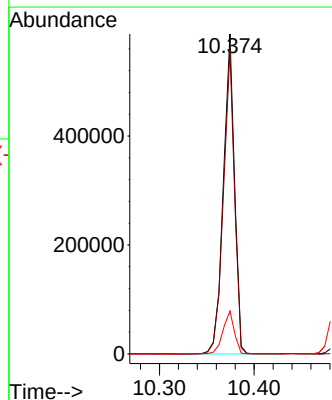
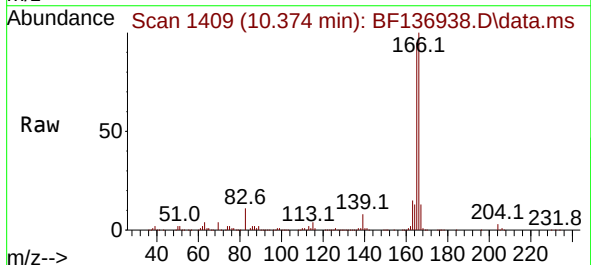
Instrument :
BNA_F
ClientSampleId :
PB158204BS

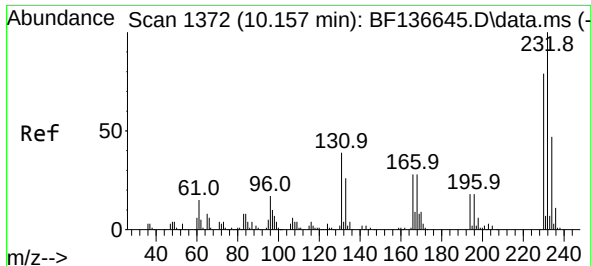
Tgt Ion:165 Resp: 138301
Ion Ratio Lower Upper
165 100
63 62.0 41.0 61.6#
89 78.8 59.9 89.9
182 2.9 2.0 3.0



#58
Fluorene
Concen: 39.575 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Tgt Ion:166 Resp: 484441
Ion Ratio Lower Upper
166 100
165 94.9 73.7 110.5
167 13.4 10.4 15.6

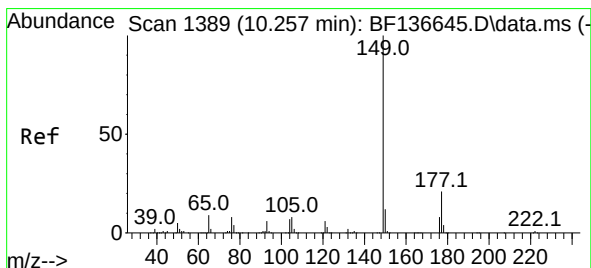
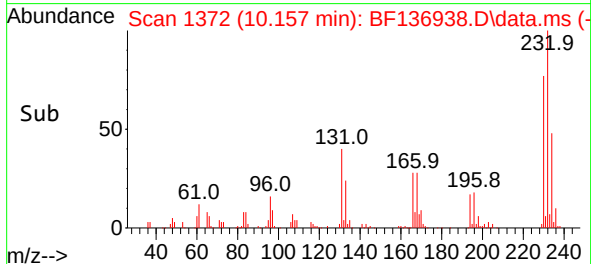
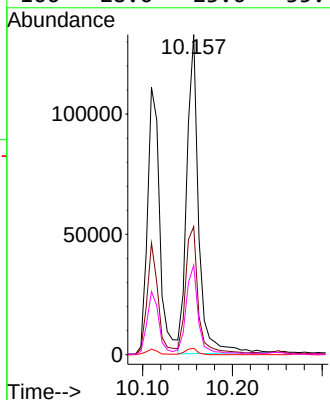
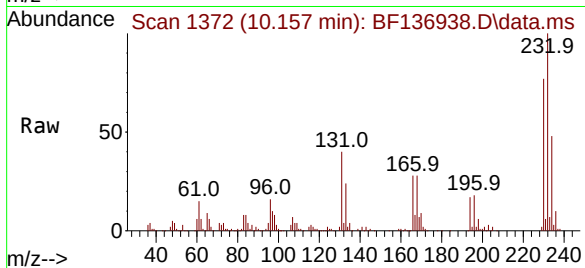




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.099 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

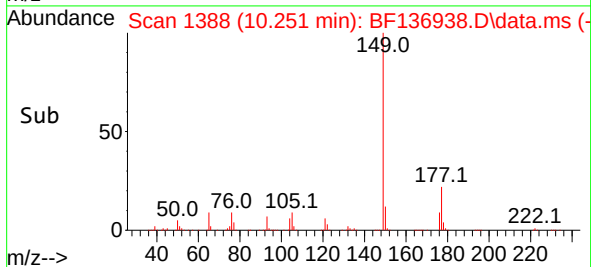
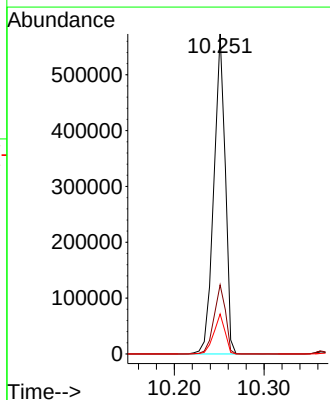
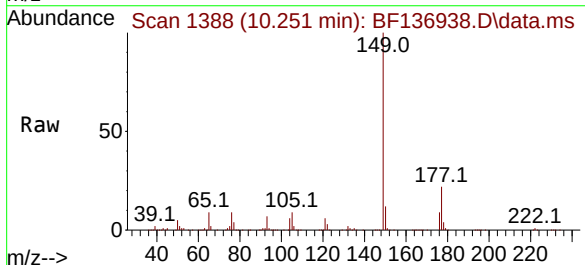
Instrument :
BNA_F
ClientSampleId :
PB158204BS

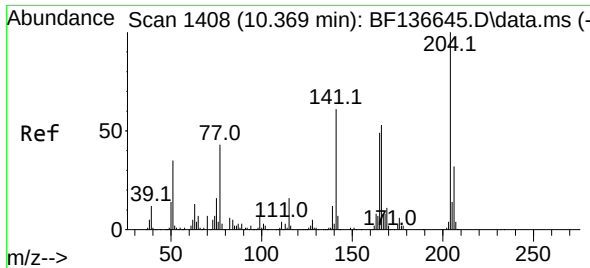
Tgt Ion:232 Resp: 120772
Ion Ratio Lower Upper
232 100
131 42.5 35.1 52.7
130 2.0 1.6 2.4
166 28.6 23.6 35.4



#60
Diethylphthalate
Concen: 39.584 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Tgt Ion:149 Resp: 505124
Ion Ratio Lower Upper
149 100
177 21.6 16.9 25.3
150 12.5 9.3 13.9

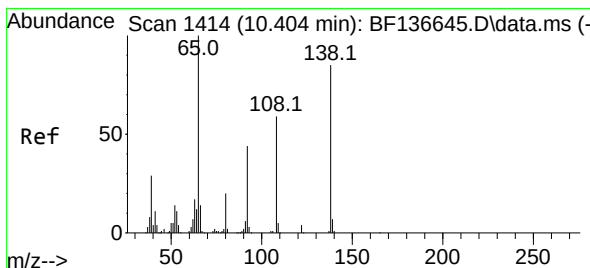
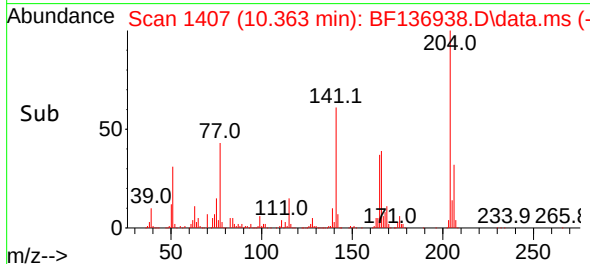
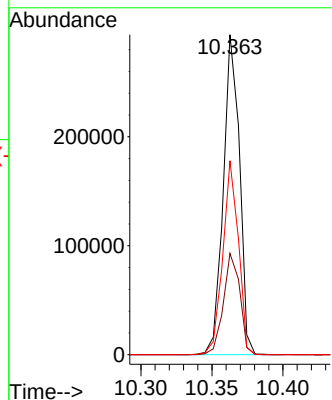
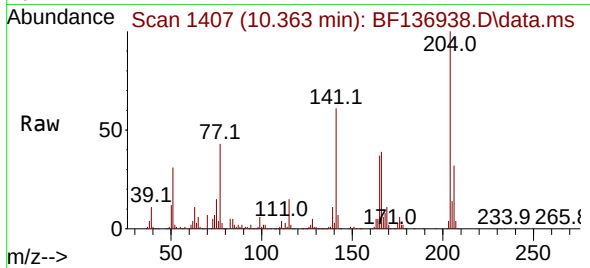




#61
4-Chlorophenyl-phenylether
Concen: 39.035 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

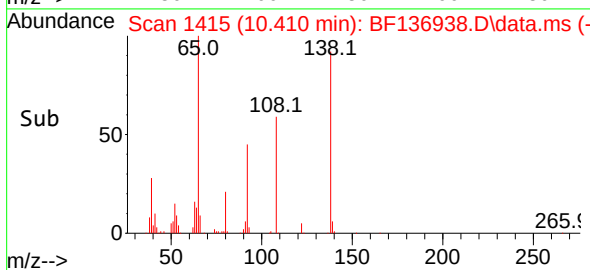
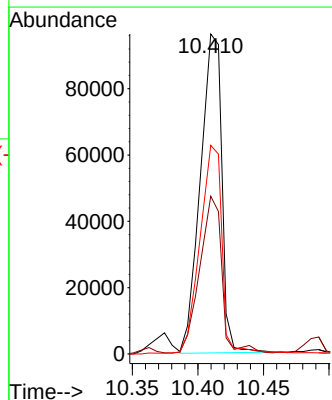
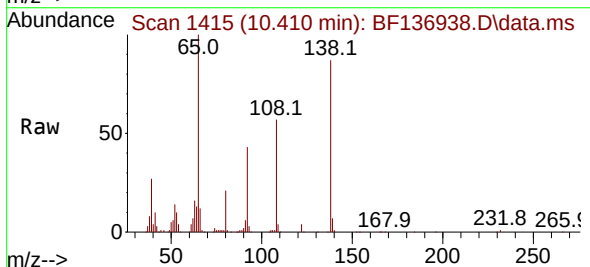
Instrument :
BNA_F
ClientSampleId :
PB158204BS

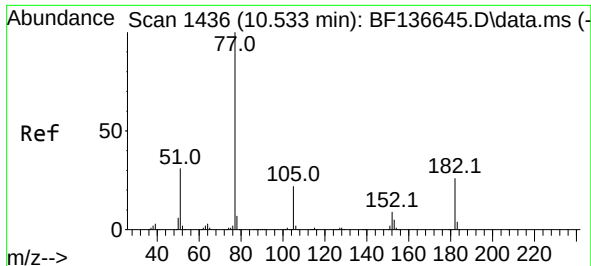
Tgt Ion:204 Resp: 232261
Ion Ratio Lower Upper
204 100
206 31.7 25.6 38.4
141 60.6 48.4 72.6



#62
4-Nitroaniline
Concen: 38.472 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Tgt Ion:138 Resp: 109662
Ion Ratio Lower Upper
138 100
92 49.3 32.1 72.1
108 65.2 50.1 90.1

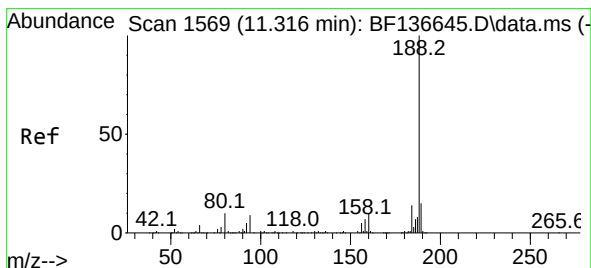
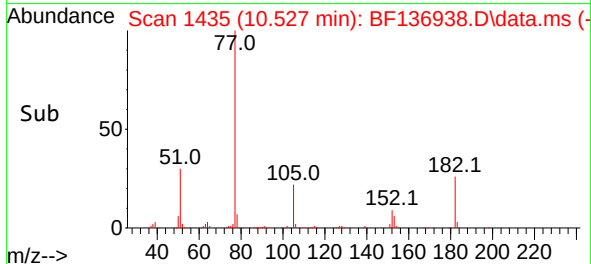
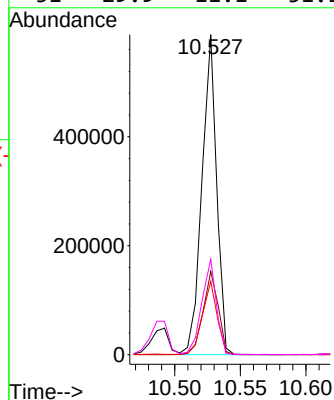
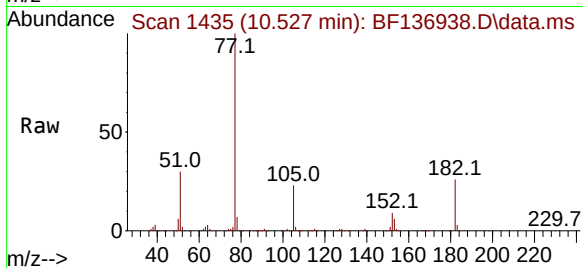




#63
Azobenzene
Concen: 38.657 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

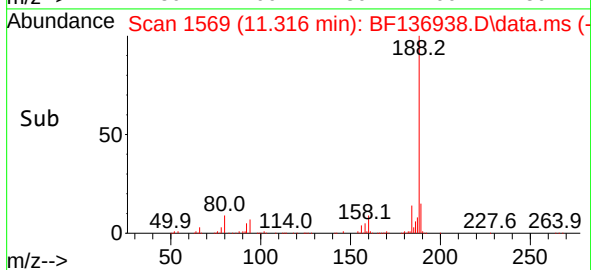
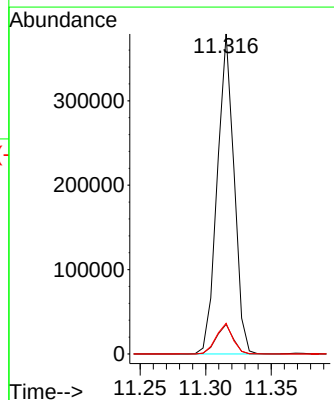
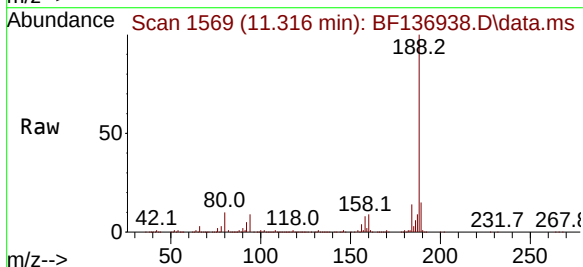
Instrument :
BNA_F
ClientSampleId :
PB158204BS

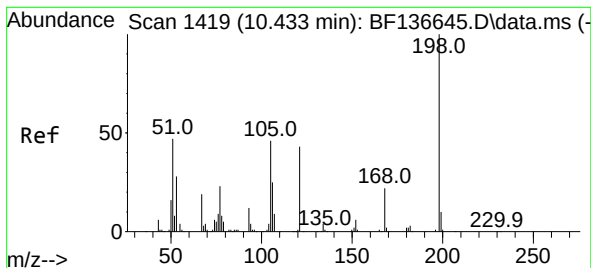
Tgt Ion:	77	Resp:	460743
Ion	Ratio	Lower	Upper
77	100		
182	26.0	6.0	46.0
105	22.9	2.3	42.3
51	29.9	11.1	51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Tgt Ion:	188	Resp:	337178
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	9.6	8.1	12.1

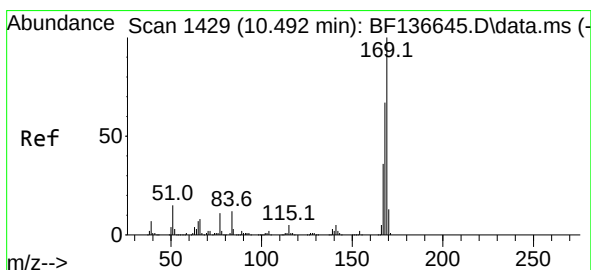
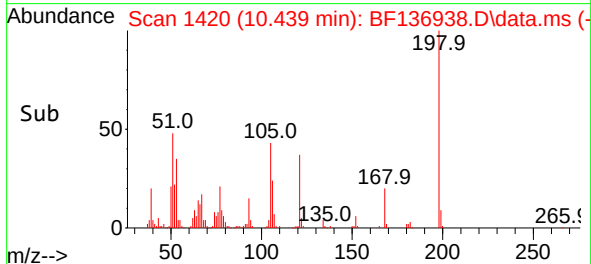
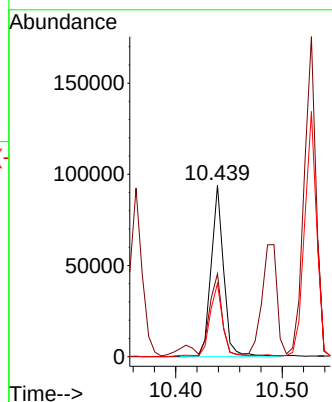
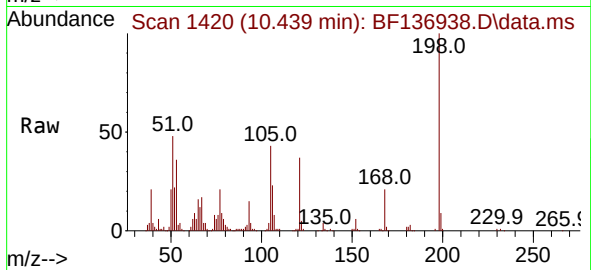




#65
4,6-Dinitro-2-methylphenol
Concen: 39.942 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

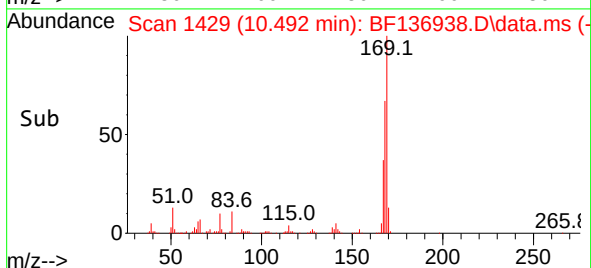
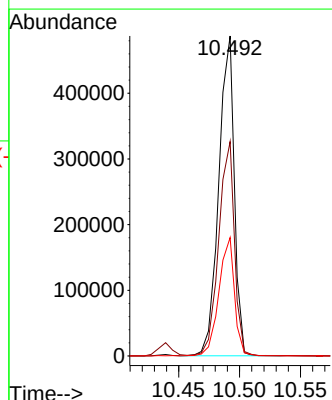
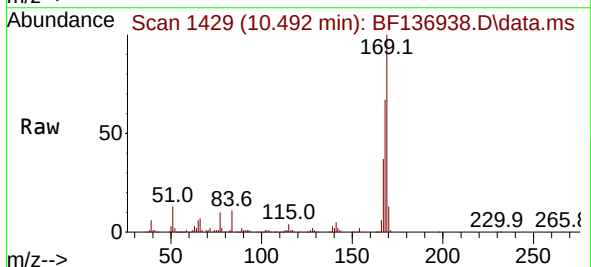
Instrument :
BNA_F
ClientSampleId :
PB158204BS

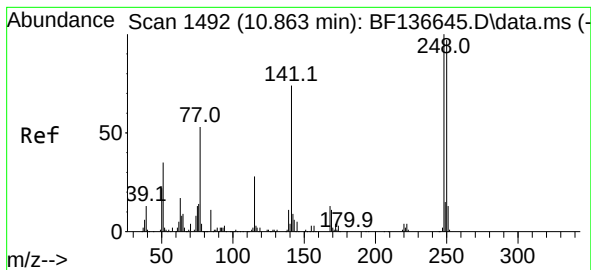
Tgt Ion:198 Resp: 77182
Ion Ratio Lower Upper
198 100
51 48.3 34.1 74.1
105 42.6 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 39.434 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Tgt Ion:169 Resp: 431928
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.6
167 37.0 28.7 43.1

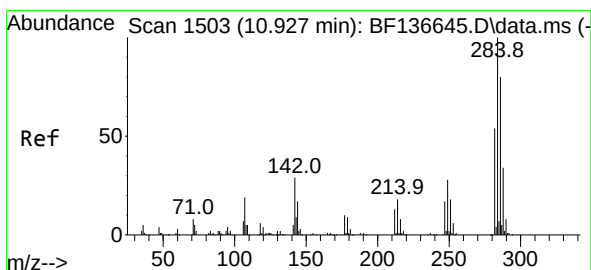
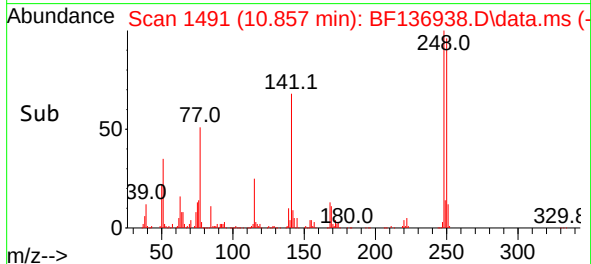
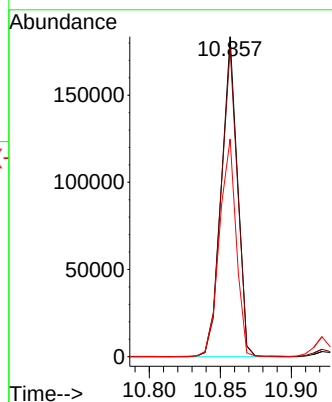
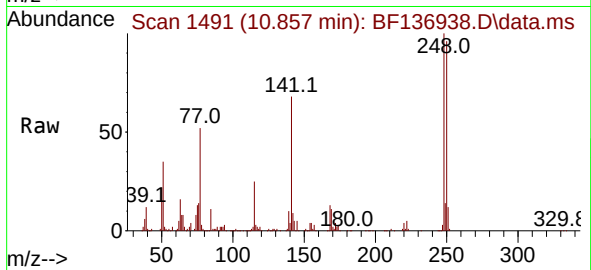




#67
4-Bromophenyl-phenylether
Concen: 38.797 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

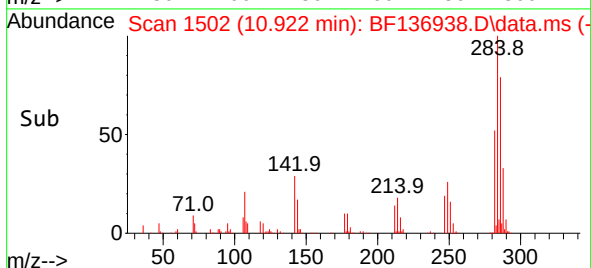
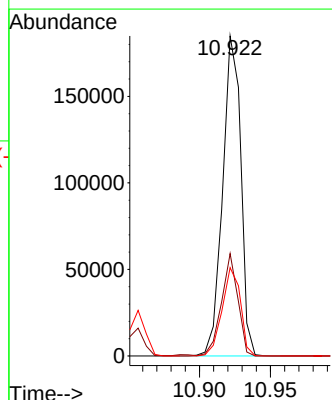
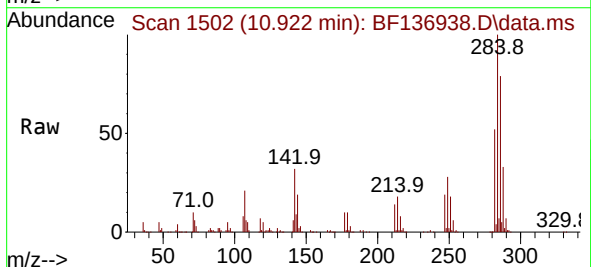
Instrument :
BNA_F
ClientSampleId :
PB158204BS

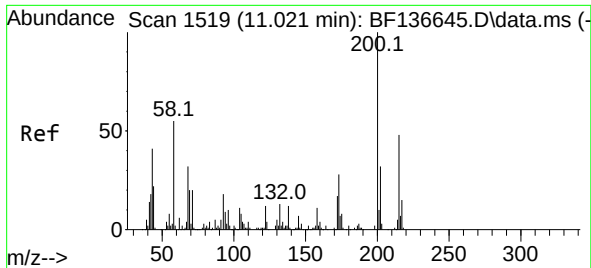
Tgt Ion:248 Resp: 145280
Ion Ratio Lower Upper
248 100
250 96.4 77.8 116.6
141 68.0 59.2 88.8



#68
Hexachlorobenzene
Concen: 39.262 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Tgt Ion:284 Resp: 163841
Ion Ratio Lower Upper
284 100
142 32.0 23.4 35.0
249 27.6 22.3 33.5

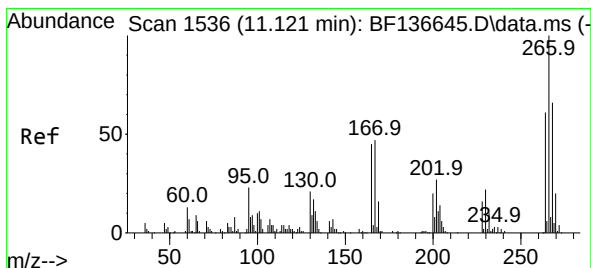
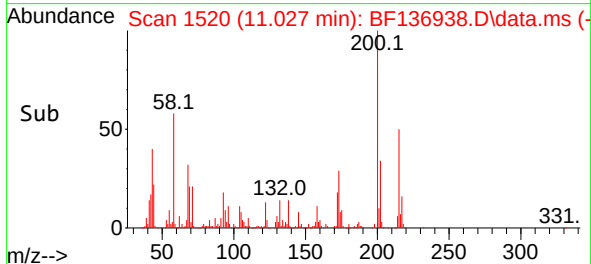
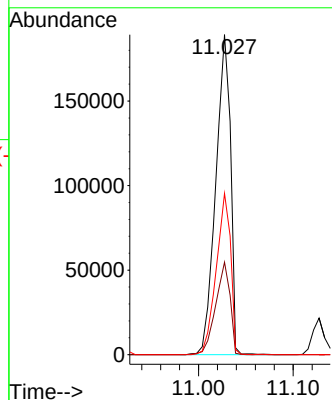
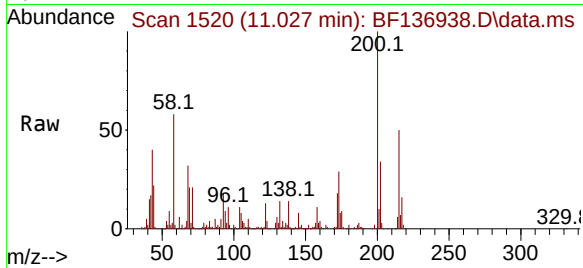




#69
 Atrazine
 Concen: 72.861 ng
 RT: 11.027 min Scan# 1519
 Delta R.T. 0.006 min
 Lab File: BF136938.D
 Acq: 04 Jan 2024 13:35

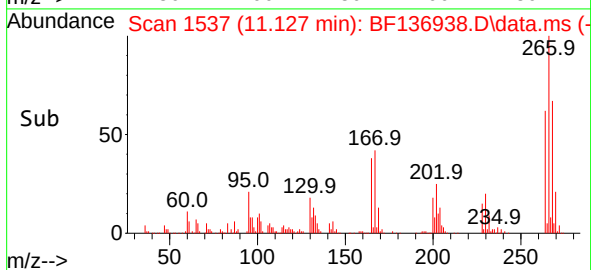
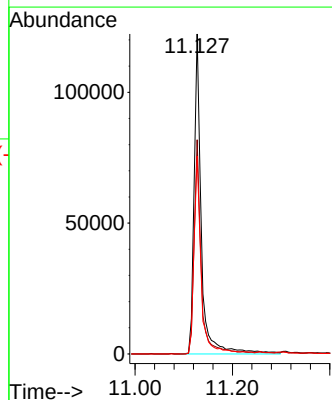
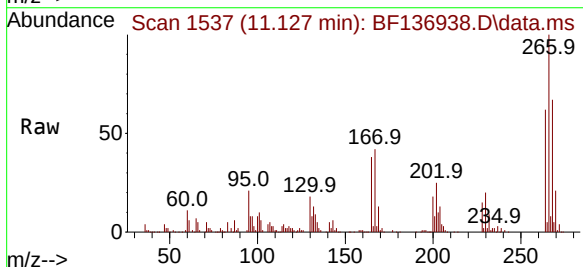
Instrument :
 BNA_F
 ClientSampleId :
 PB158204BS

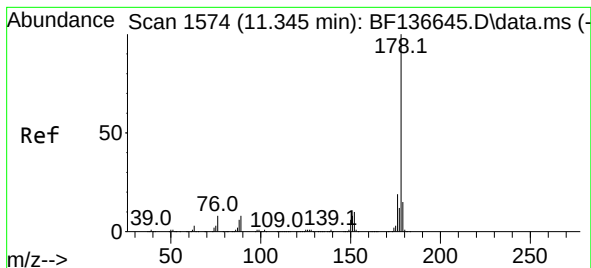
Tgt Ion:200 Resp: 204118
 Ion Ratio Lower Upper
 200 100
 173 28.9 7.6 47.6
 215 50.4 28.3 68.3



#70
 Pentachlorophenol
 Concen: 64.760 ng
 RT: 11.127 min Scan# 1537
 Delta R.T. 0.006 min
 Lab File: BF136938.D
 Acq: 04 Jan 2024 13:35

Tgt Ion:266 Resp: 125964
 Ion Ratio Lower Upper
 266 100
 268 66.9 52.6 78.8
 264 61.8 49.0 73.4





#71

Phenanthrene

Concen: 41.351 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

PB158204BS

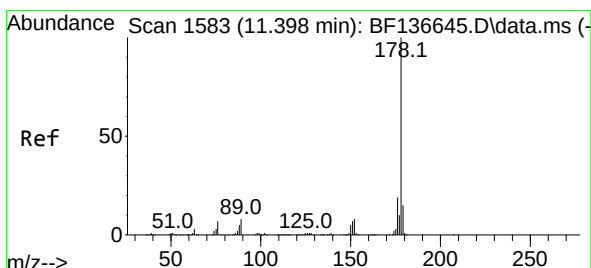
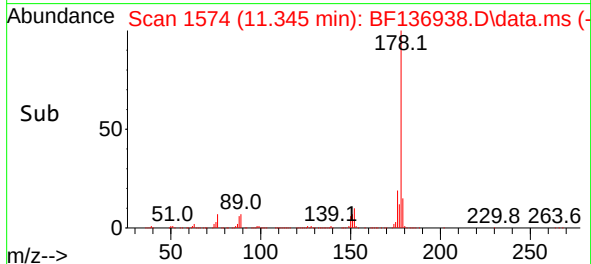
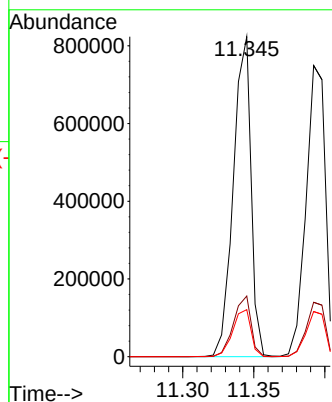
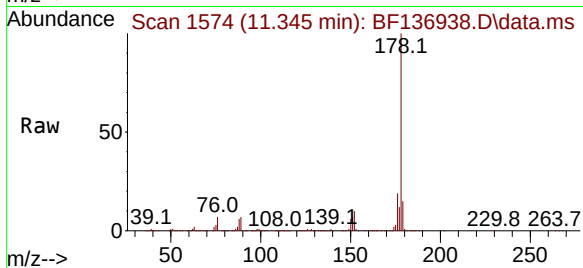
Tgt Ion:178 Resp: 715407

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 14.7 11.9 17.9



#72

Anthracene

Concen: 40.304 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

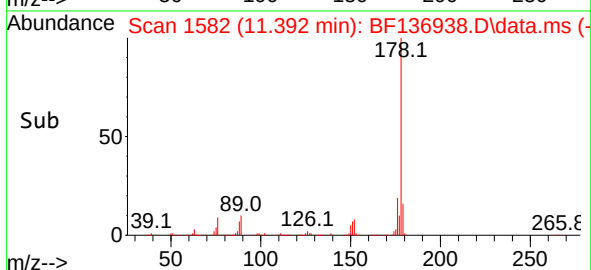
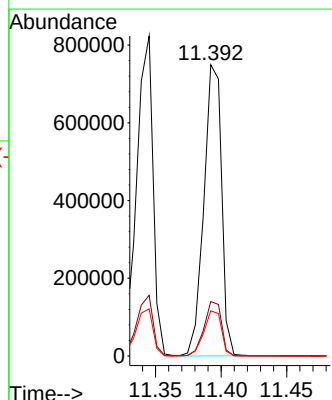
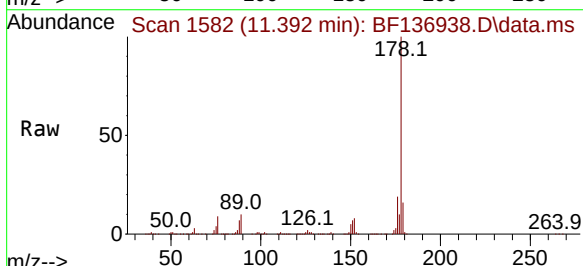
Tgt Ion:178 Resp: 706176

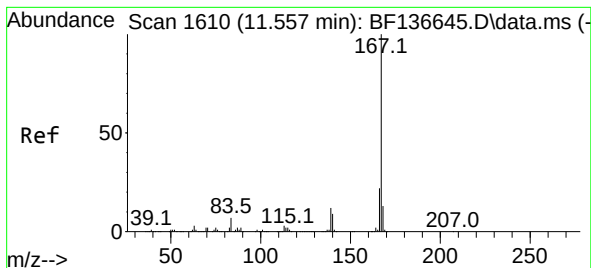
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.5 11.8 17.6





#73

Carbazole

Concen: 39.874 ng

RT: 11.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

PB158204BS

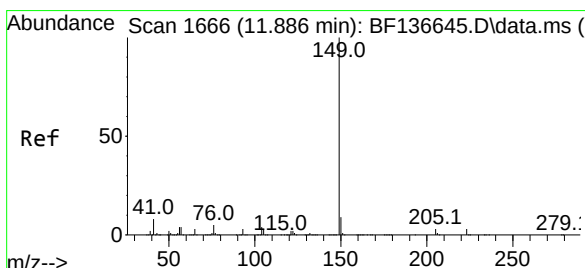
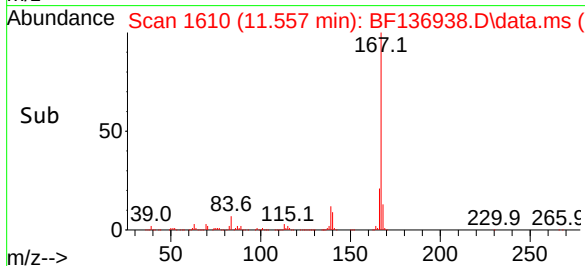
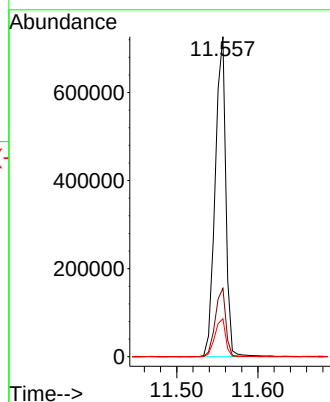
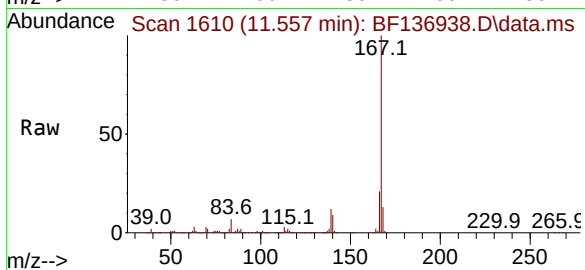
Tgt Ion:167 Resp: 658695

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

139 11.9 9.8 14.6



#74

Di-n-butylphthalate

Concen: 41.140 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

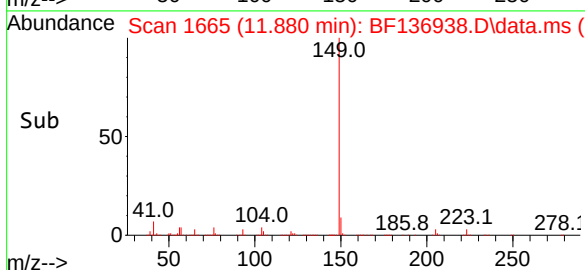
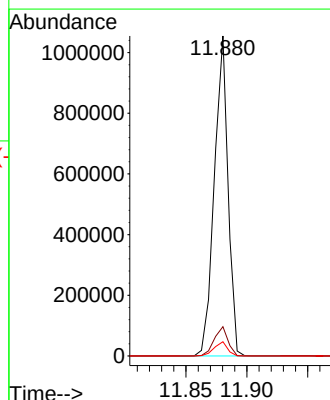
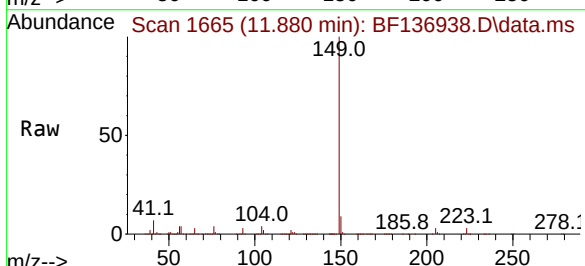
Tgt Ion:149 Resp: 829271

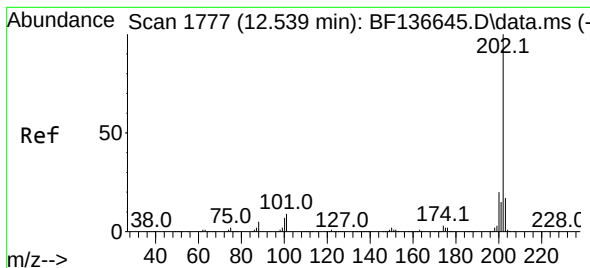
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.5 3.6 5.4





#75

Fluoranthene

Concen: 38.937 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

PB158204BS

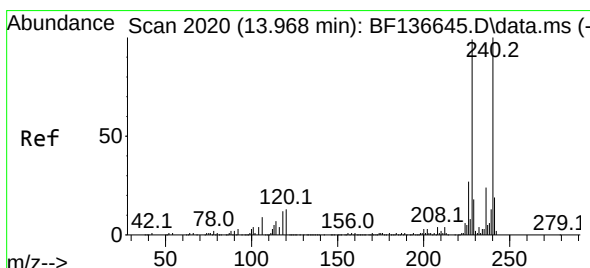
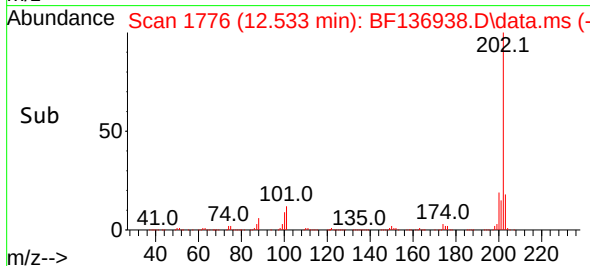
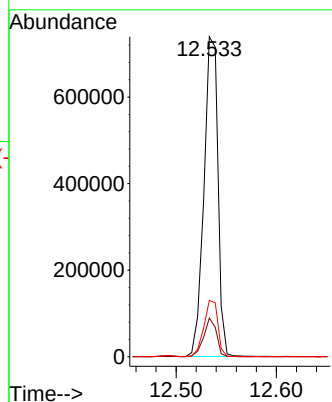
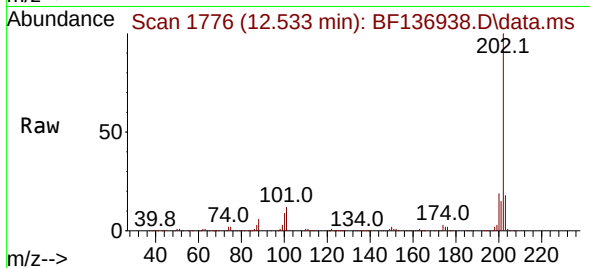
Tgt Ion:202 Resp: 720561

Ion Ratio Lower Upper

202 100

101 12.1 0.0 29.3

203 17.6 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

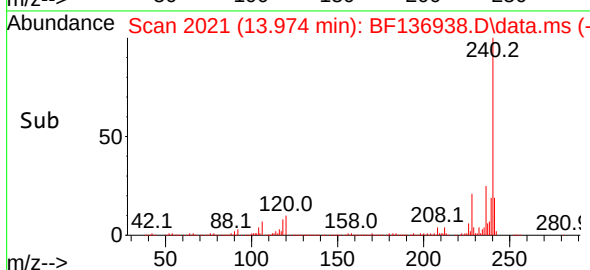
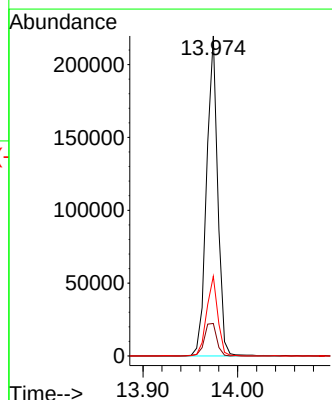
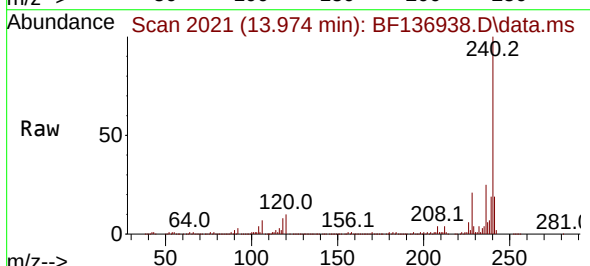
Tgt Ion:240 Resp: 178690

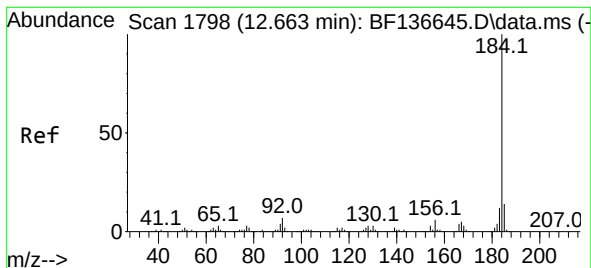
Ion Ratio Lower Upper

240 100

120 10.2 10.3 15.5#

236 24.9 19.4 29.2





#77

Benzidine

Concen: 30.337 ng

RT: 12.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

PB158204BS

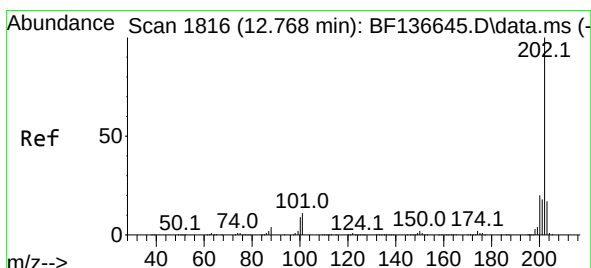
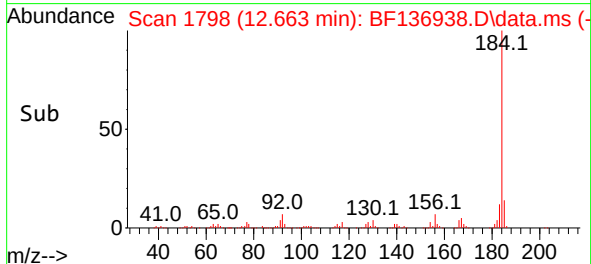
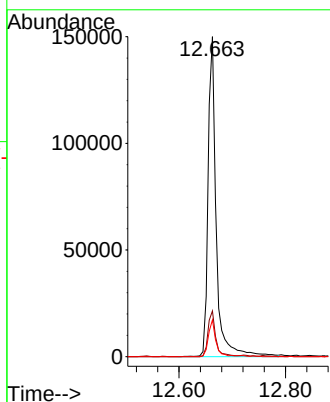
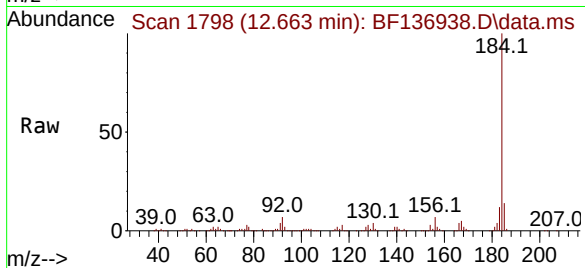
Tgt Ion:184 Resp: 159842

Ion Ratio Lower Upper

184 100

185 14.3 11.2 16.8

183 11.5 9.3 13.9



#78

Pyrene

Concen: 41.295 ng

RT: 12.768 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

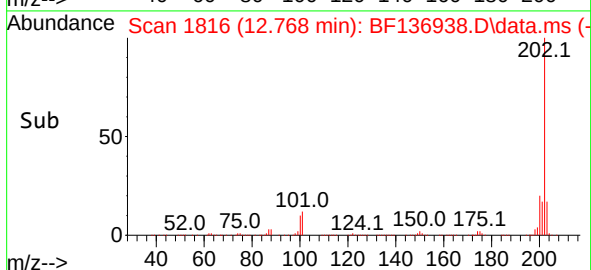
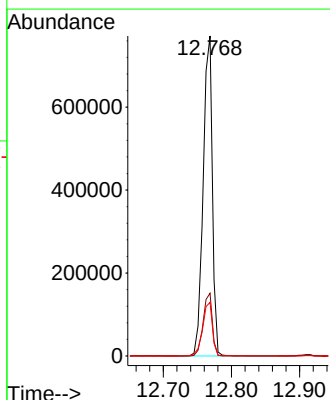
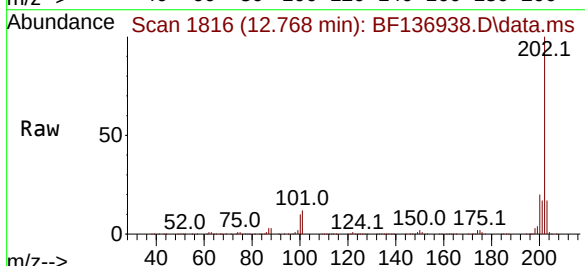
Tgt Ion:202 Resp: 724371

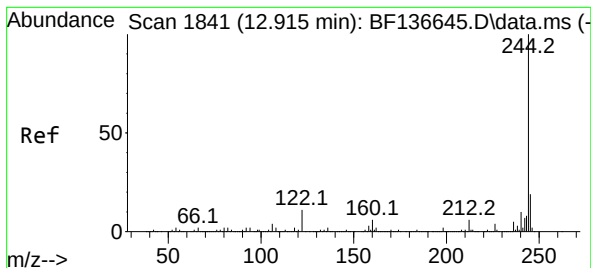
Ion Ratio Lower Upper

202 100

200 19.6 15.9 23.9

203 16.8 13.8 20.6





#79

Terphenyl-d14

Concen: 82.338 ng

RT: 12.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

PB158204BS

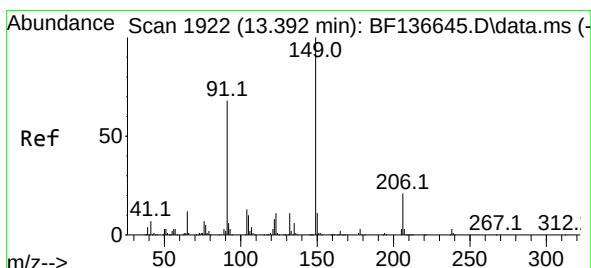
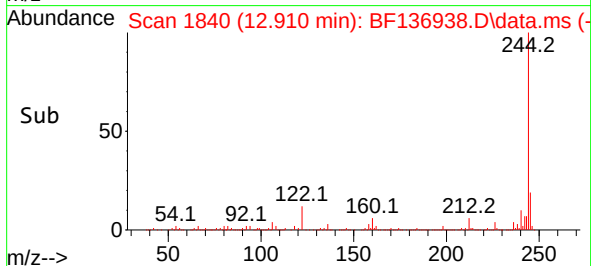
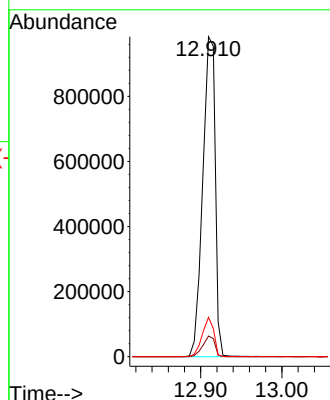
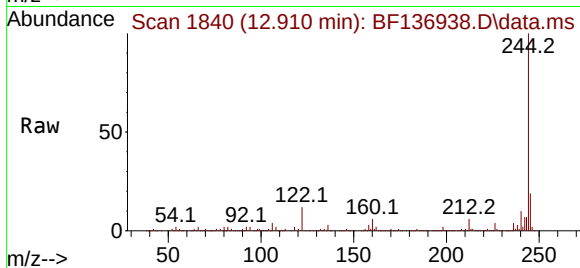
Tgt Ion:244 Resp: 1052833

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 12.3 9.0 13.4



#80

Butylbenzylphthalate

Concen: 45.687 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

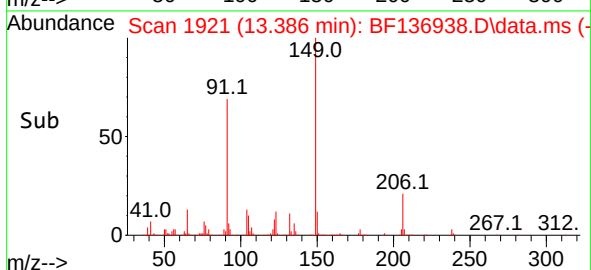
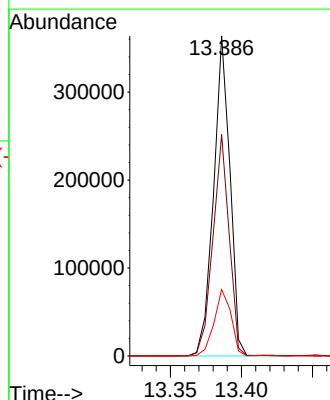
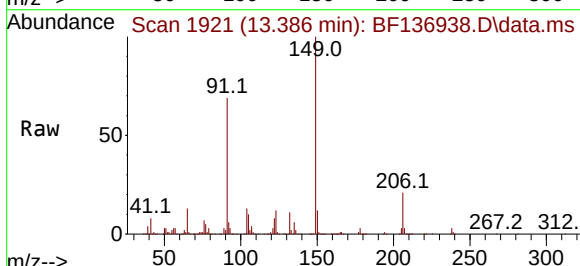
Tgt Ion:149 Resp: 291614

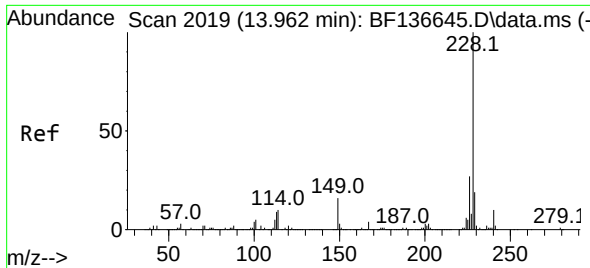
Ion Ratio Lower Upper

149 100

91 69.2 54.1 81.1

206 20.8 17.1 25.7

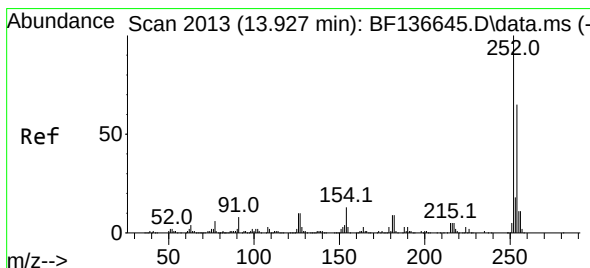
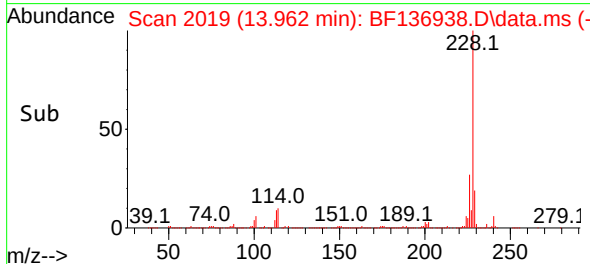
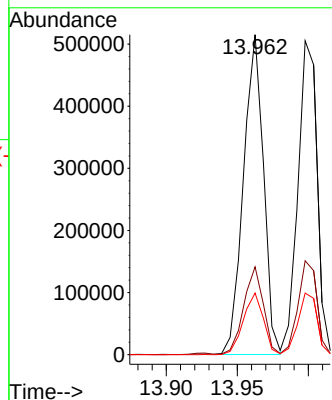
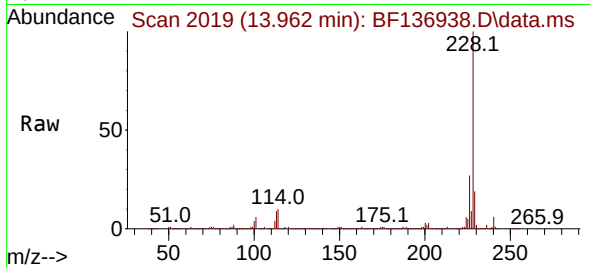




#81
Benzo(a)anthracene
Concen: 40.819 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

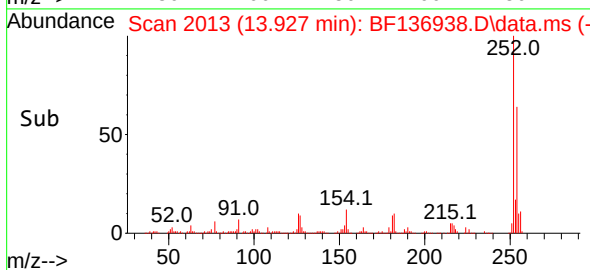
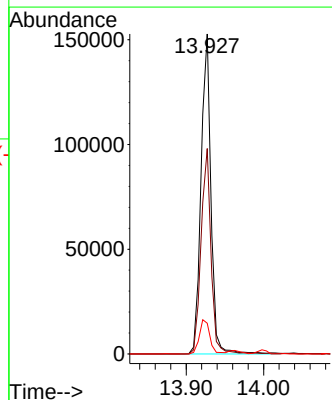
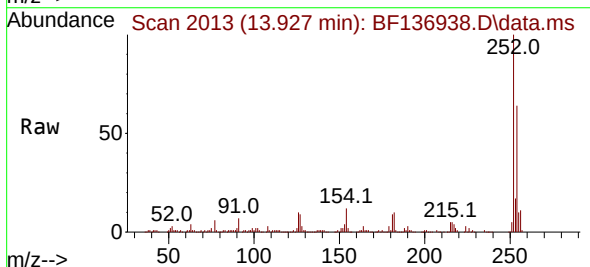
Instrument :
BNA_F
ClientSampleId :
PB158204BS

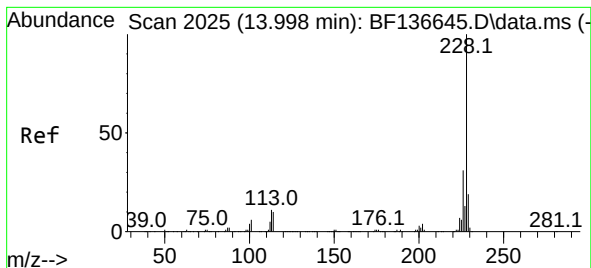
Tgt Ion:228 Resp: 506486
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 19.3 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 38.632 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Tgt Ion:252 Resp: 136132
Ion Ratio Lower Upper
252 100
254 64.2 52.2 78.4
126 9.6 8.0 12.0





#83

Chrysene

Concen: 39.233 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

PB158204BS

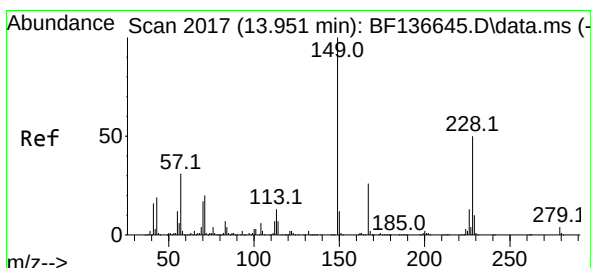
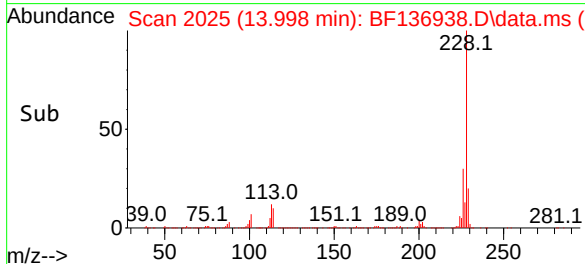
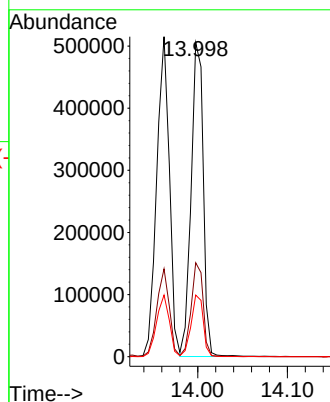
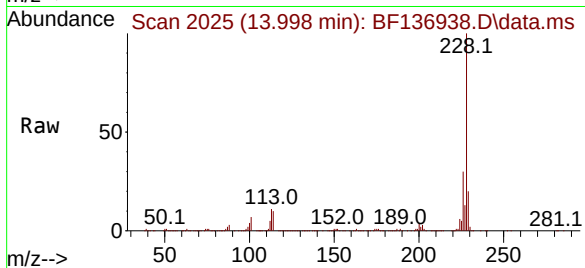
Tgt Ion:228 Resp: 476050

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

229 19.6 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.874 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

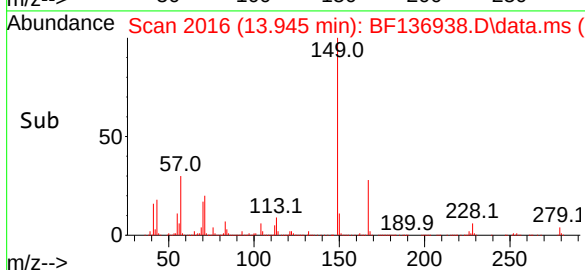
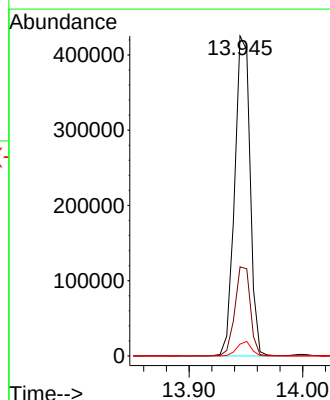
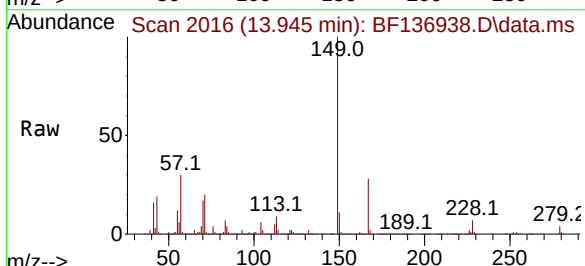
Tgt Ion:149 Resp: 400530

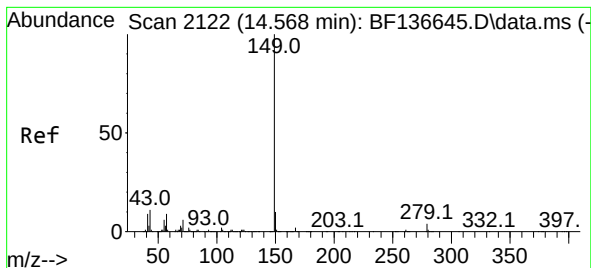
Ion Ratio Lower Upper

149 100

167 27.8 20.9 31.3

279 3.7 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 46.572 ng

RT: 14.562 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

PB158204BS

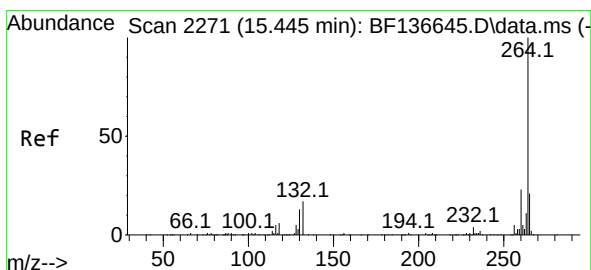
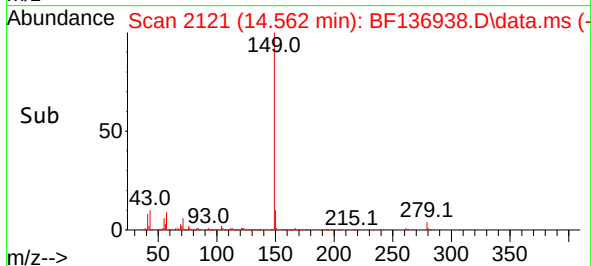
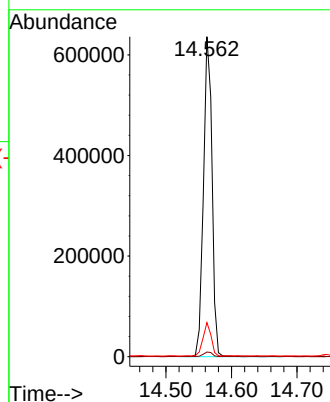
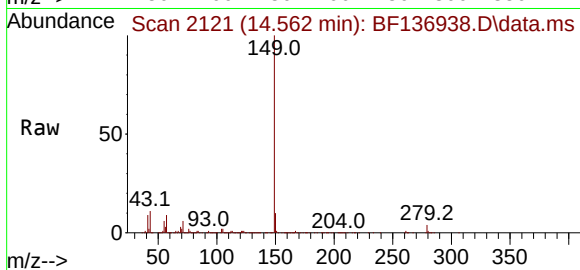
Tgt Ion:149 Resp: 578537

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.0 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.012 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

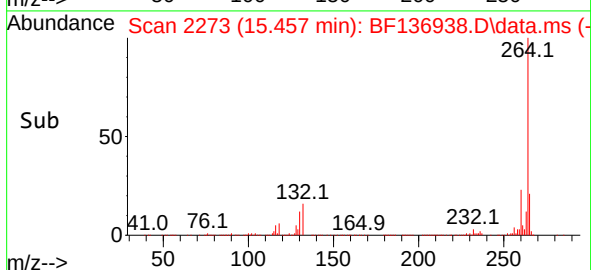
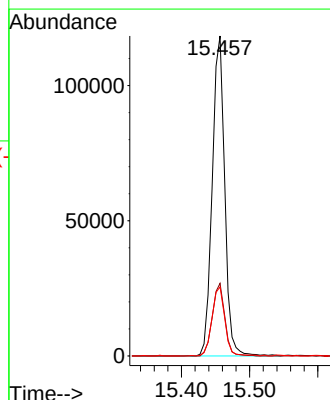
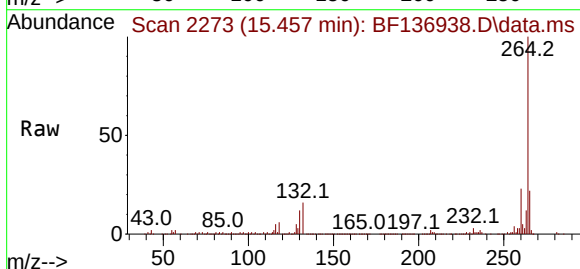
Tgt Ion:264 Resp: 151058

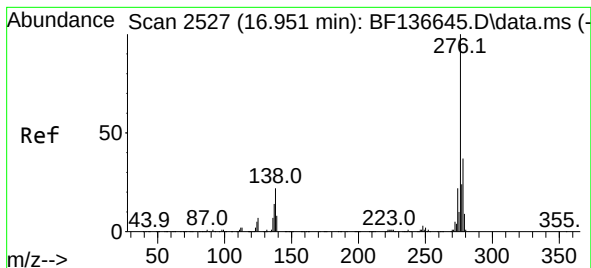
Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

265 21.6 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.920 ng

RT: 16.980 min Scan# 2199

Delta R.T. 0.029 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

PB158204BS

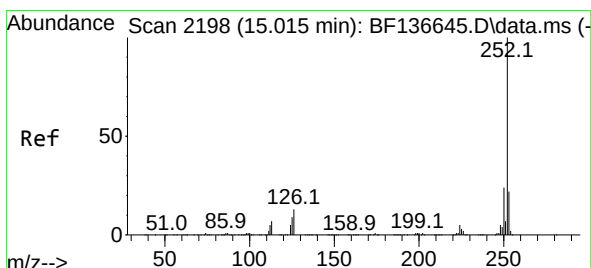
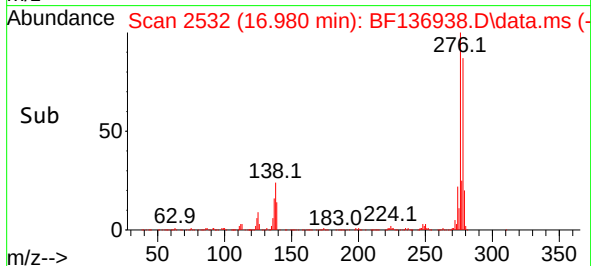
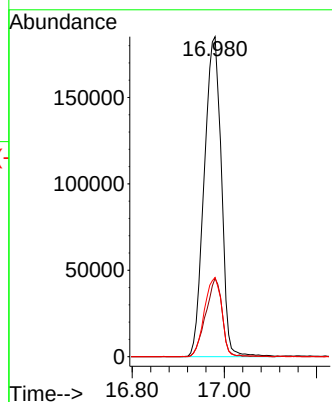
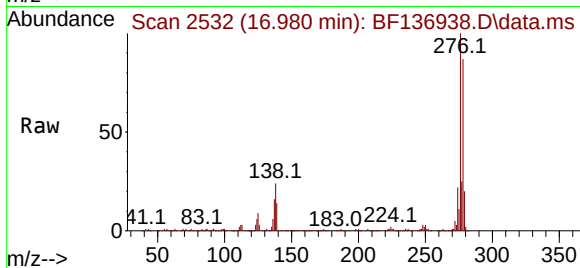
Tgt Ion:276 Resp: 479019

Ion Ratio Lower Upper

276 100

138 23.5 18.7 28.1

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 40.401 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

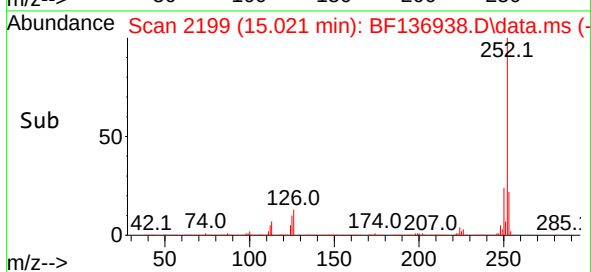
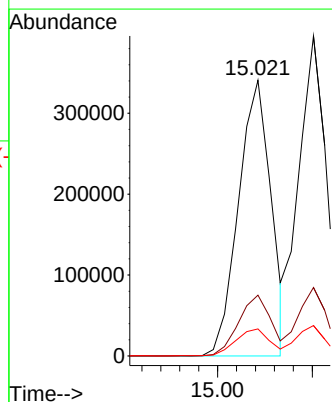
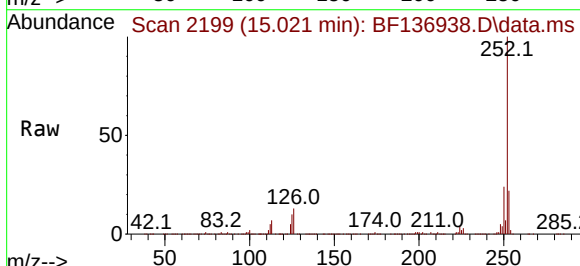
Tgt Ion:252 Resp: 407618

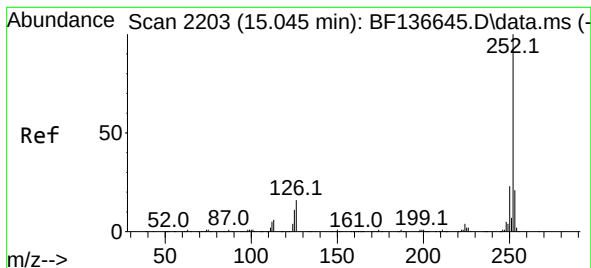
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 9.8 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 41.734 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.006 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

PB158204BS

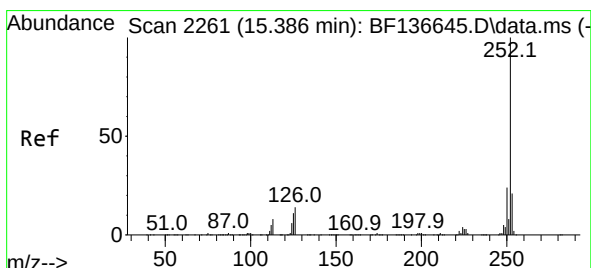
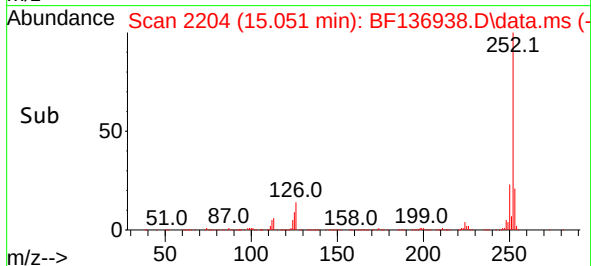
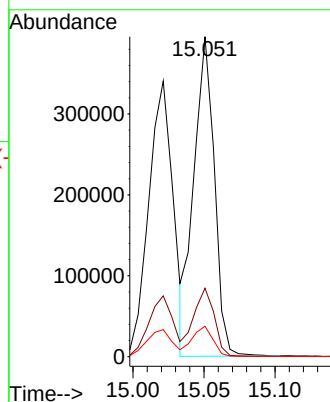
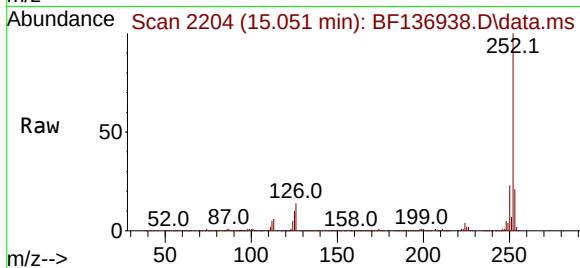
Tgt Ion:252 Resp: 397873

Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

125 9.5 8.2 12.4



#90

Benzo(a)pyrene

Concen: 41.511 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.006 min

Lab File: BF136938.D

Acq: 04 Jan 2024 13:35

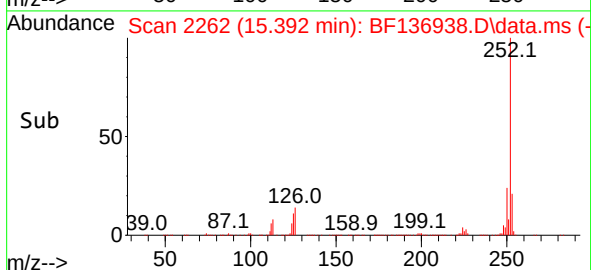
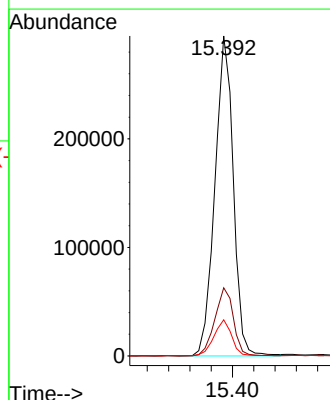
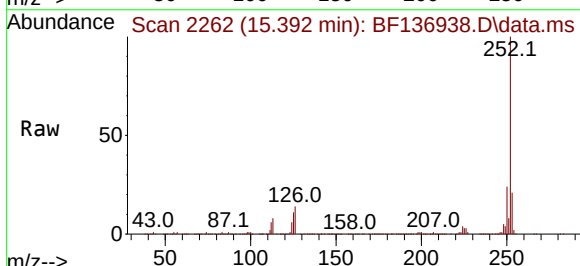
Tgt Ion:252 Resp: 353523

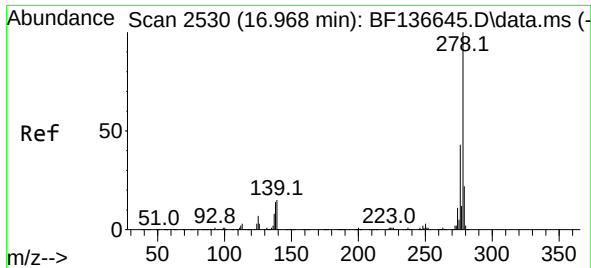
Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.6

125 11.3 8.8 13.2

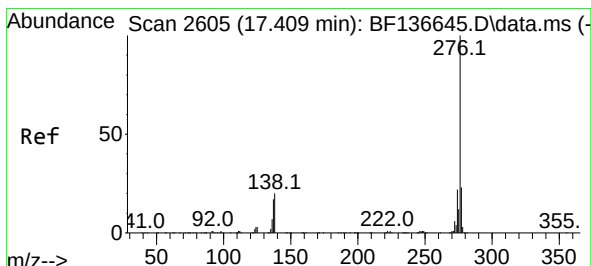
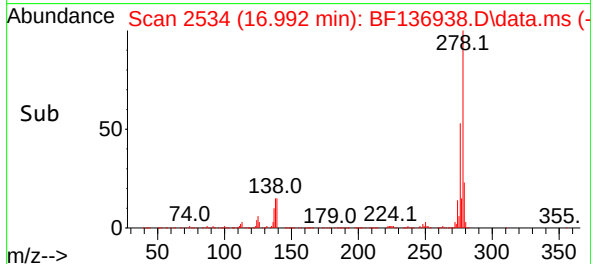
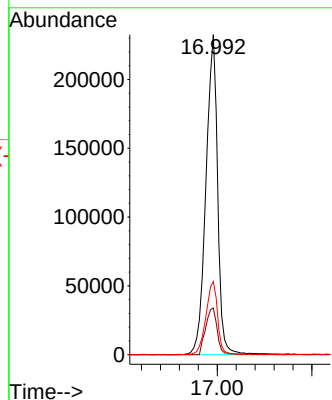
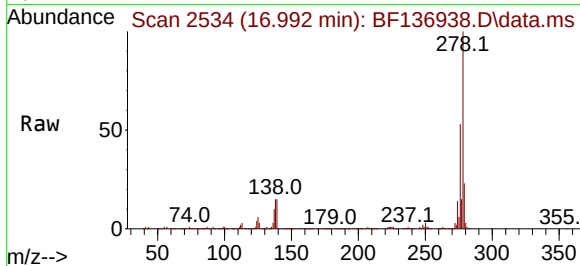




#91
Dibenzo(a,h)anthracene
Concen: 44.600 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Instrument :
BNA_F
ClientSampleId :
PB158204BS

Tgt Ion:278 Resp: 399071
Ion Ratio Lower Upper
278 100
139 14.6 12.2 18.4
279 22.9 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 43.636 ng
RT: 17.433 min Scan# 2609
Delta R.T. 0.024 min
Lab File: BF136938.D
Acq: 04 Jan 2024 13:35

Tgt Ion:276 Resp: 399900
Ion Ratio Lower Upper
276 100
277 23.0 18.3 27.5
138 19.8 15.6 23.4

