

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136940.D
 Acq On : 04 Jan 2024 14:43
 Operator : CG\JU
 Sample : 05897-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-36aMS

Quant Time: Jan 04 15:11:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	60541	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	226183	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	103932	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	178803	20.000	ng	0.00
76) Chrysene-d12	13.968	240	129139	20.000	ng	0.00
86) Perylene-d12	15.457	264	157732	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	405096	104.403	ng	0.01
7) Phenol-d6	6.440	99	494557	98.366	ng	0.00
23) Nitrobenzene-d5	7.351	82	312578	70.717	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	113282	92.548	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	558234	72.241	ng	-0.01
79) Terphenyl-d14	12.904	244	503023	54.434	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	63184	39.082	ng	99
3) Pyridine	3.381	79	150046	38.039	ng	92
4) n-Nitrosodimethylamine	3.346	42	83028	39.416	ng	96
6) Aniline	6.451	93	92294	18.361	ng	# 1
8) 2-Chlorophenol	6.575	128	177910	41.899	ng	98
9) Benzaldehyde	6.340	77	44486	15.556	ng	97
10) Phenol	6.451	94	205564	38.301	ng	98
11) bis(2-Chloroethyl)ether	6.522	93	168811	41.359	ng	99
12) 1,3-Dichlorobenzene	6.722	146	188845	40.769	ng	99
13) 1,4-Dichlorobenzene	6.804	146	192242	40.618	ng	96
14) 1,2-Dichlorobenzene	6.951	146	178650	40.564	ng	99
15) Benzyl Alcohol	6.934	79	137739	40.608	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	264275	39.603	ng	59
17) 2-Methylphenol	7.051	107	136000	38.662	ng	# 94
18) Hexachloroethane	7.287	117	68231	39.695	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	117184	38.449	ng	97
20) 3+4-Methylphenols	7.204	107	175969	40.042	ng	# 56
22) Acetophenone	7.192	105	246864	43.544	ng	# 88
24) Nitrobenzene	7.369	77	173139	39.103	ng	92
25) Isophorone	7.604	82	311381	38.715	ng	100
26) 2-Nitrophenol	7.681	139	90288	42.620	ng	96
27) 2,4-Dimethylphenol	7.728	122	123512	47.890	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	200963	41.106	ng	99
29) 2,4-Dichlorophenol	7.928	162	134849	40.612	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	153274	41.431	ng	98
31) Naphthalene	8.081	128	503068	40.485	ng	99
32) Benzoic acid	7.863	122	96798	38.790	ng	94
33) 4-Chloroaniline	8.139	127	26935	5.871	ng	98
34) Hexachlorobutadiene	8.192	225	91638	40.770	ng	98
35) Caprolactam	8.510	113	39293	35.872	ng	97
36) 4-Chloro-3-methylphenol	8.634	107	133519	35.719	ng	98
37) 2-Methylnaphthalene	8.775	142	307811	38.491	ng	100
38) 1-Methylnaphthalene	8.875	142	294080	37.483	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	153146	47.580	ng	99
41) Hexachlorocyclopentadiene	8.922	237	104516	100.503	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	88564	42.904	ng	96

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	89212	38.783	ng	98
46) 1,1'-Biphenyl	9.239	154	394891	45.278	ng	99
47) 2-Chloronaphthalene	9.263	162	282814	42.655	ng	99
48) 2-Nitroaniline	9.369	65	80172	38.614	ng	92
49) Acenaphthylene	9.681	152	459758	45.367	ng	99
50) Dimethylphthalate	9.545	163	304843	40.156	ng	100
51) 2,6-Dinitrotoluene	9.610	165	66119	38.377	ng	88
52) Acenaphthene	9.851	154	260381	41.449	ng	99
53) 3-Nitroaniline	9.781	138	39490	21.637	ng	91
54) 2,4-Dinitrophenol	9.898	184	59416	63.055	ng	96
55) Dibenzofuran	10.028	168	394216	41.398	ng	97
56) 4-Nitrophenol	9.969	139	74349	60.346	ng	96
57) 2,4-Dinitrotoluene	10.022	165	81966	36.647	ng	96
58) Fluorene	10.369	166	312296	41.332	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	70532	39.833	ng	95
60) Diethylphthalate	10.245	149	302551	38.411	ng	97
61) 4-Chlorophenyl-phenyle...	10.363	204	147119	40.058	ng	95
62) 4-Nitroaniline	10.398	138	56666	32.207	ng	94
63) Azobenzene	10.522	77	280612	38.143	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	39593	38.638	ng	99
66) n-Nitrosodiphenylamine	10.486	169	257755	44.377	ng	98
67) 4-Bromophenyl-phenylether	10.851	248	85825	43.221	ng	100
68) Hexachlorobenzene	10.922	284	94752	42.818	ng	94
69) Atrazine	11.016	200	76757	51.667	ng	98
70) Pentachlorophenol	11.122	266	70271	68.127	ng	100
71) Phenanthrene	11.339	178	402882	43.913	ng	99
72) Anthracene	11.386	178	394154	42.422	ng	99
73) Carbazole	11.551	167	359341	41.021	ng	99
74) Di-n-butylphthalate	11.874	149	481015	44.999	ng	100
75) Fluoranthene	12.533	202	413916	42.178	ng	98
77) Benzidine	12.657	184	71955	18.897	ng	99
78) Pyrene	12.763	202	422119	33.298	ng	99
80) Butylbenzylphthalate	13.386	149	199022	43.145	ng	99
81) Benzo(a)anthracene	13.963	228	387781	43.244	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	76805	30.159	ng	# 99
83) Chrysene	13.998	228	364976	41.621	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	311401	53.655	ng	99
85) Di-n-octyl phthalate	14.563	149	569917	63.482	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	516472	45.350	ng	99
88) Benzo(b)fluoranthene	15.021	252	398960	37.870	ng	98
89) Benzo(k)fluoranthene	15.051	252	384292	38.604	ng	99
90) Benzo(a)pyrene	15.392	252	364474	40.986	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	430690	46.097	ng	98
92) Benzo(g,h,i)perylene	17.439	276	415230	43.392	ng	99

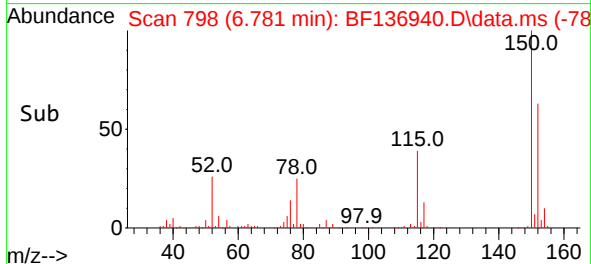
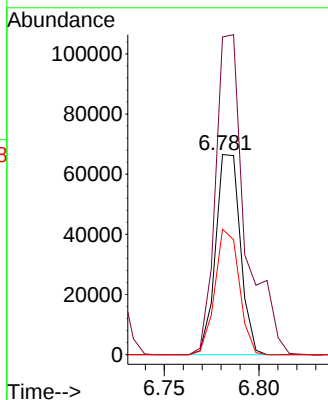
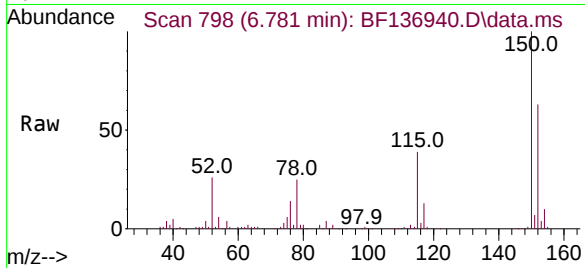
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

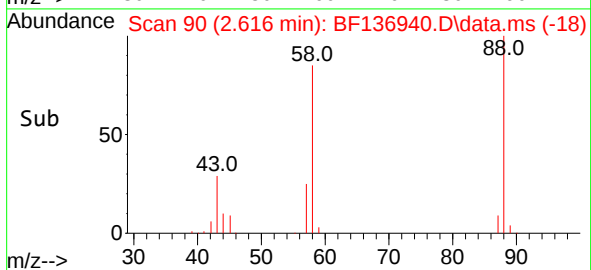
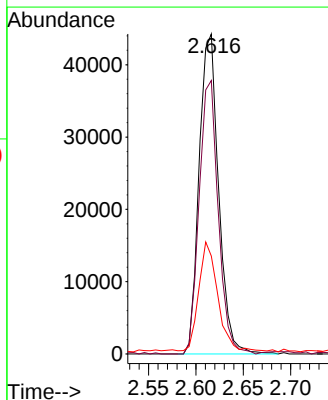
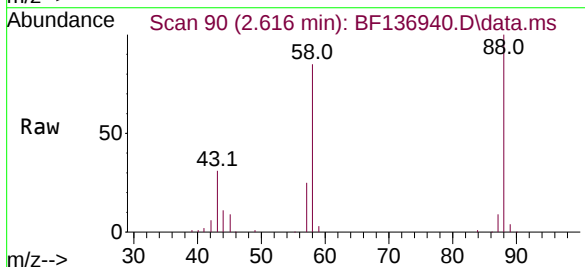
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

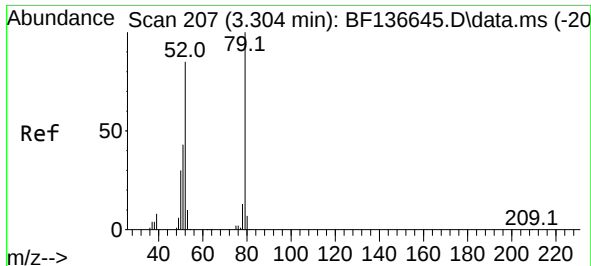
Tgt Ion:152 Resp: 60541
Ion Ratio Lower Upper
152 100
150 158.7 127.0 190.6
115 62.7 49.0 73.4



#2
1,4-Dioxane
Concen: 39.082 ng
RT: 2.616 min Scan# 90
Delta R.T. 0.071 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt Ion: 88 Resp: 63184
Ion Ratio Lower Upper
88 100
58 83.8 67.4 101.0
43 32.9 27.7 41.5

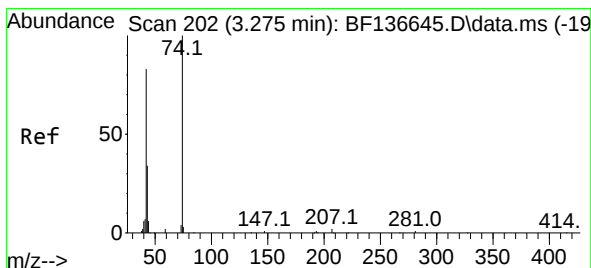
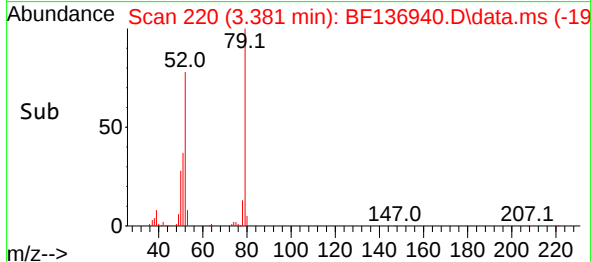
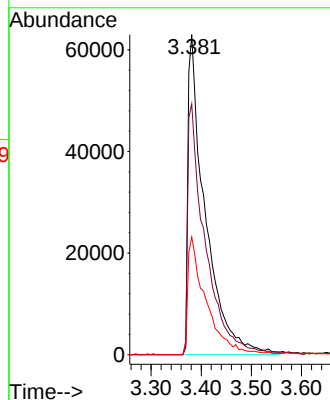
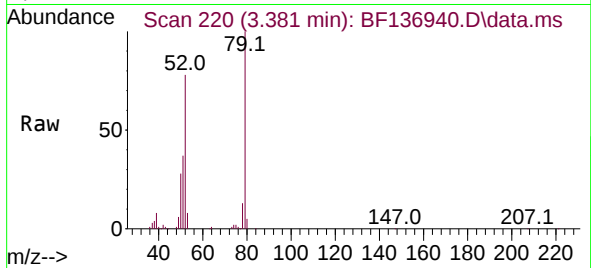




#3
Pyridine
Concen: 38.039 ng
RT: 3.381 min Scan# 214
Delta R.T. 0.077 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

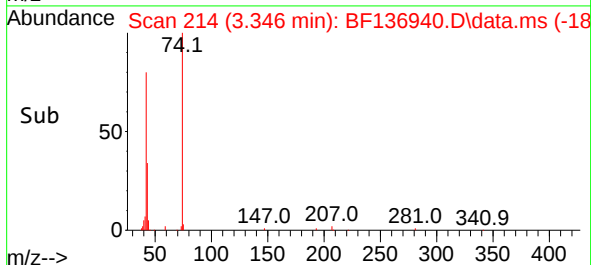
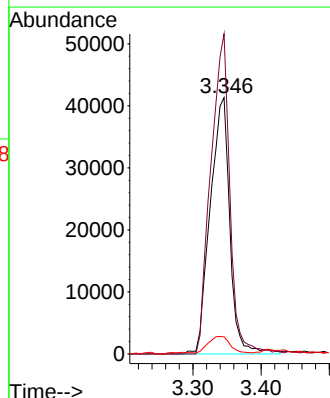
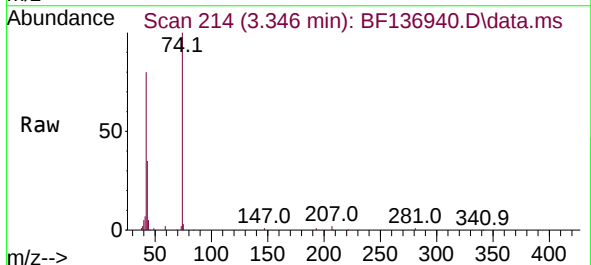
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

Tgt Ion: 79 Resp: 150046
Ion Ratio Lower Upper
79 100
52 78.4 67.7 101.5
51 36.7 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 39.416 ng
RT: 3.346 min Scan# 214
Delta R.T. 0.071 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt Ion: 42 Resp: 83028
Ion Ratio Lower Upper
42 100
74 124.8 96.0 144.0
44 6.7 5.4 8.2

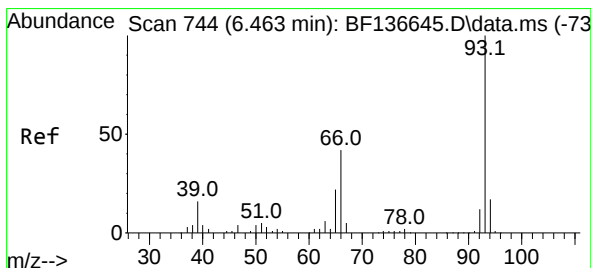
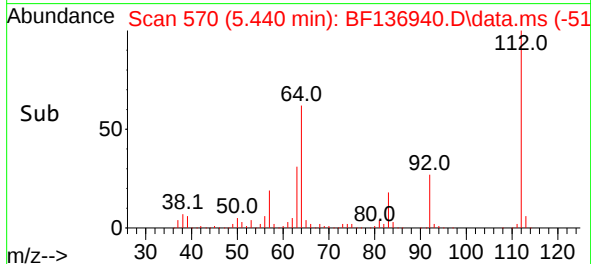
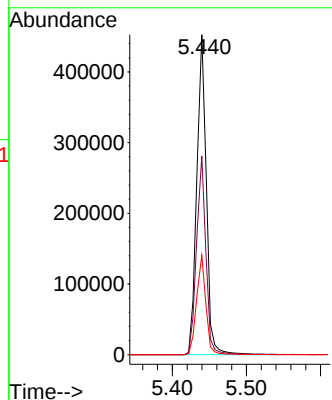
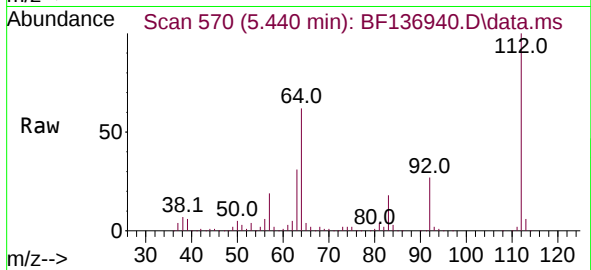




#5
2-Fluorophenol
Concen: 104.403 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

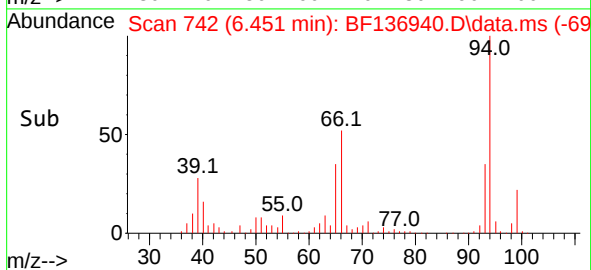
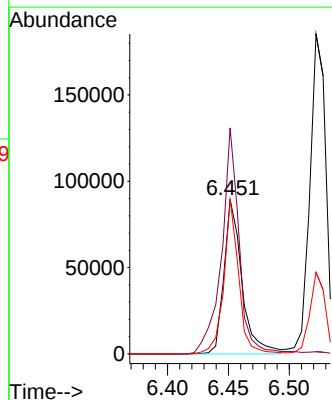
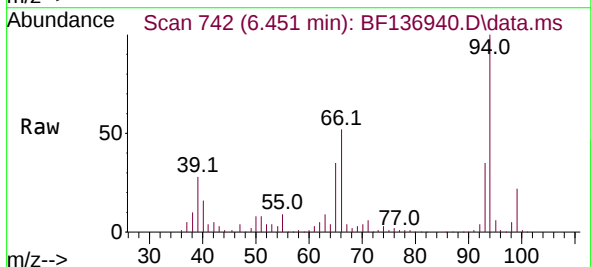
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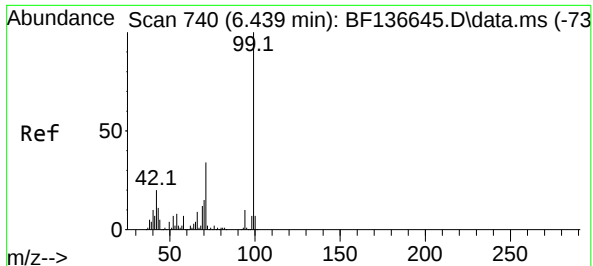
Tgt Ion:112 Resp: 405096
Ion Ratio Lower Upper
112 100
64 62.1 51.1 76.7
63 31.0 26.1 39.1



#6
Aniline
Concen: 18.361 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt Ion: 93 Resp: 92294
Ion Ratio Lower Upper
93 100
66 146.5 34.6 51.8#
65 100.3 17.8 26.8#

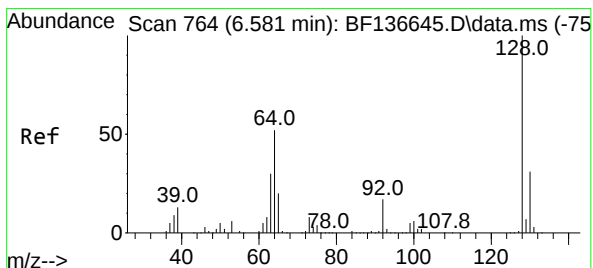
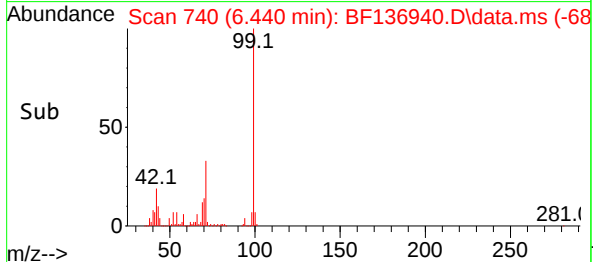
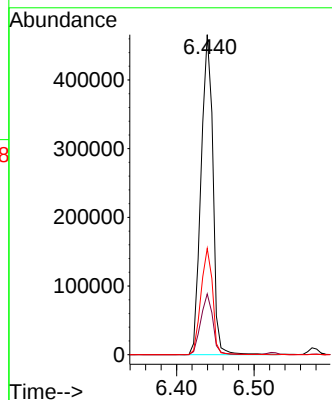
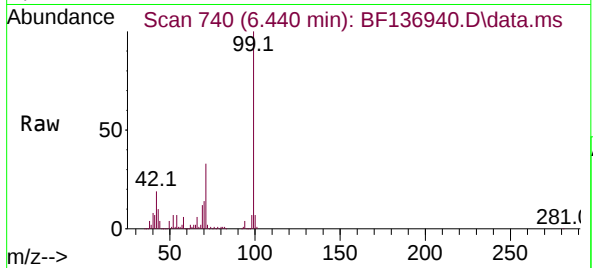




#7
Phenol-d6
Concen: 98.366 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

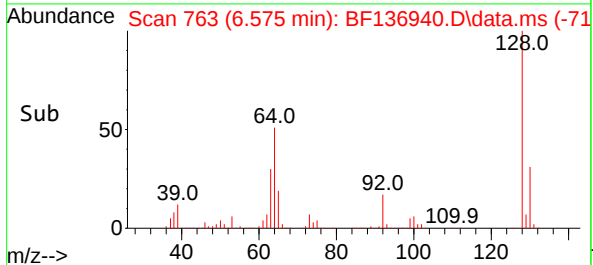
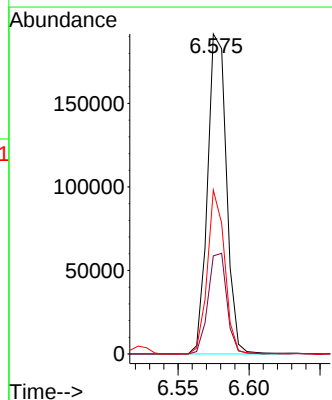
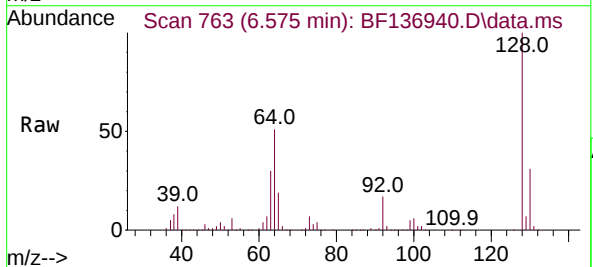
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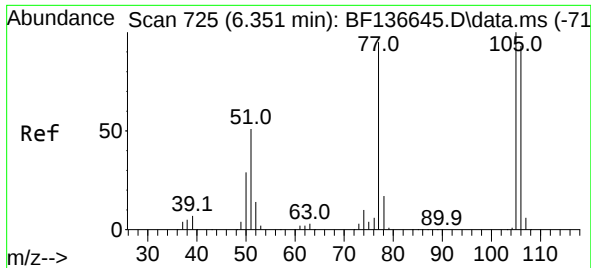
Tgt Ion: 99 Resp: 494557
Ion Ratio Lower Upper
99 100
42 19.0 16.1 24.1
71 33.2 27.4 41.2



#8
2-Chlorophenol
Concen: 41.899 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt Ion: 128 Resp: 177910
Ion Ratio Lower Upper
128 100
130 30.6 11.3 51.3
64 51.2 32.5 72.5

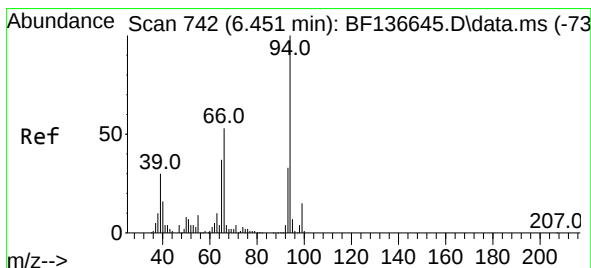
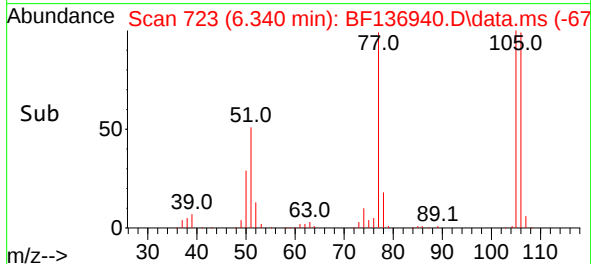
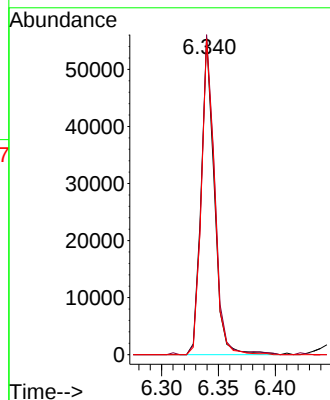
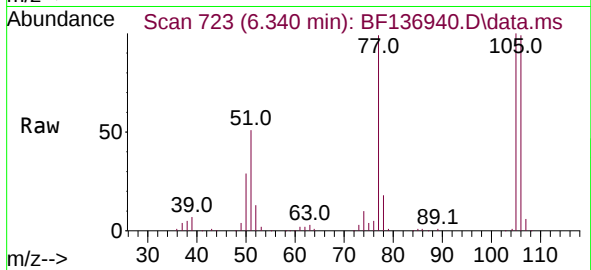




#9
Benzaldehyde
Concen: 15.556 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

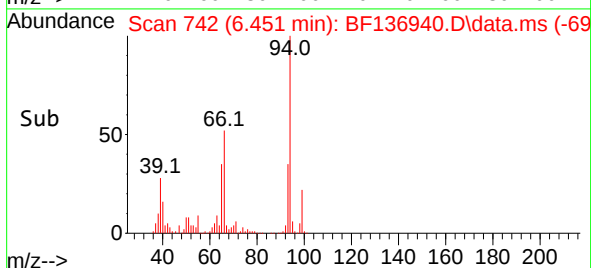
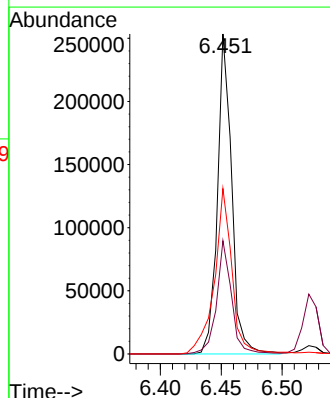
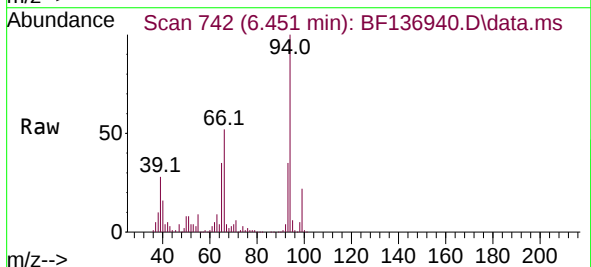
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

Tgt Ion: 77 Resp: 44486
Ion Ratio Lower Upper
77 100
105 101.0 84.8 124.8
106 99.7 77.8 117.8



#10
Phenol
Concen: 38.301 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt Ion: 94 Resp: 205564
Ion Ratio Lower Upper
94 100
65 35.4 16.6 56.6
66 51.7 32.6 72.6

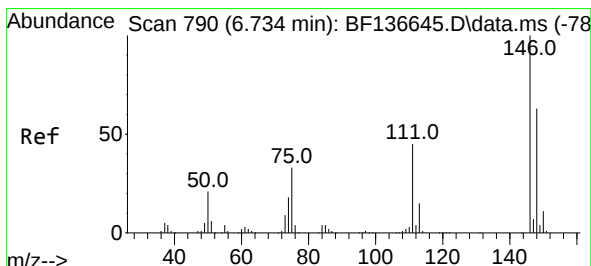
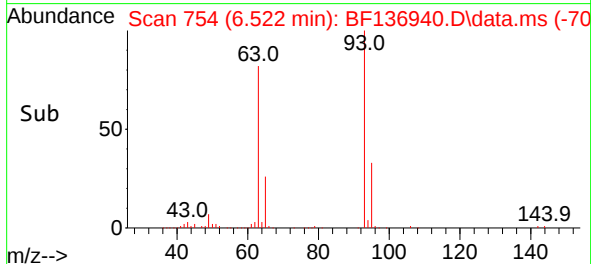
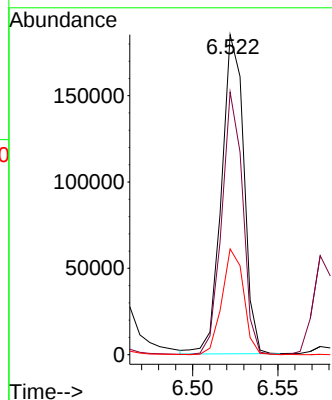
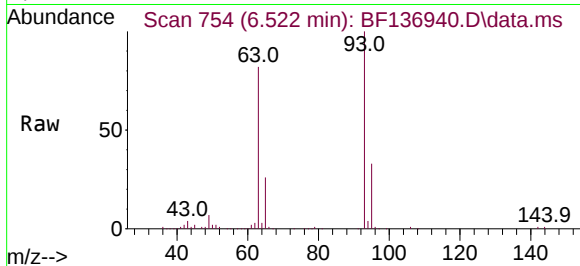




#11
bis(2-Chloroethyl)ether
Concen: 41.359 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

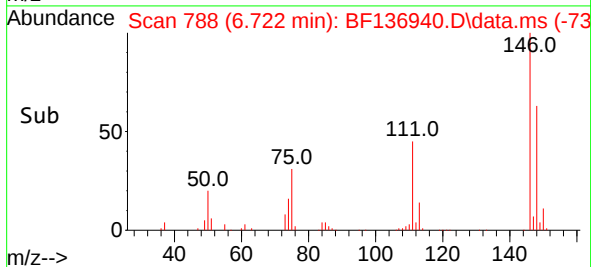
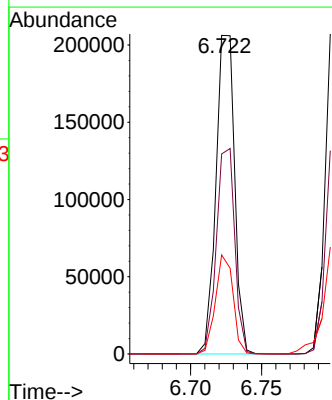
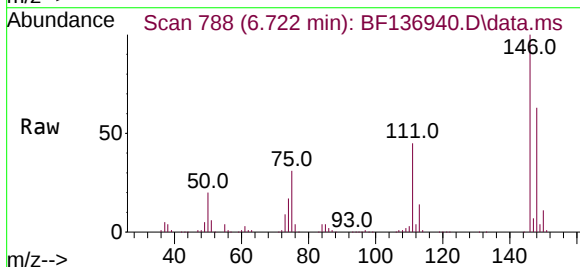
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

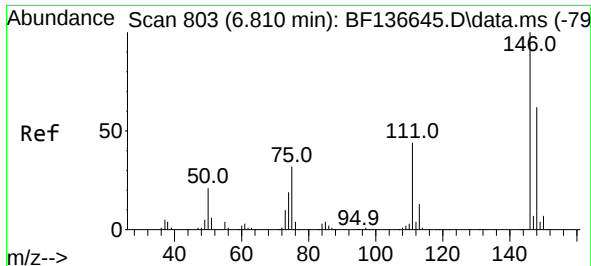
Tgt Ion: 93 Resp: 168811
Ion Ratio Lower Upper
93 100
63 82.1 61.2 101.2
95 33.0 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 40.769 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt Ion:146 Resp: 188845
Ion Ratio Lower Upper
146 100
148 62.8 50.5 75.7
75 31.1 26.2 39.4

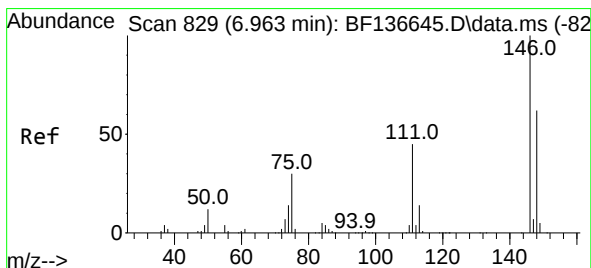
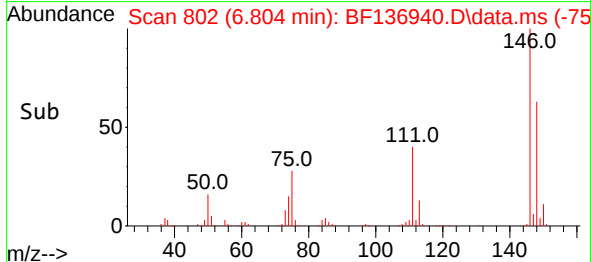
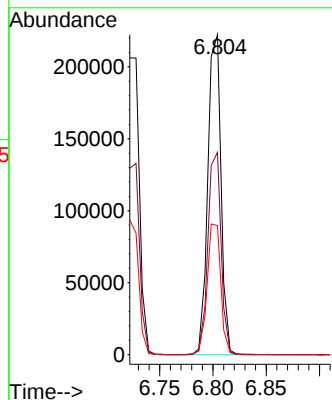
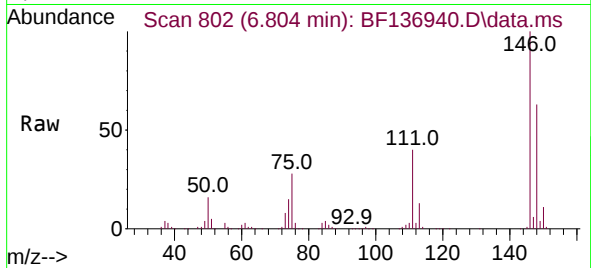




#13
1,4-Dichlorobenzene
Concen: 40.618 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

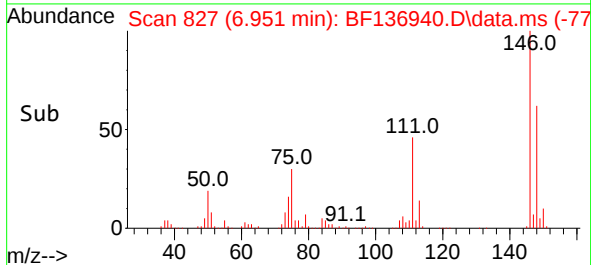
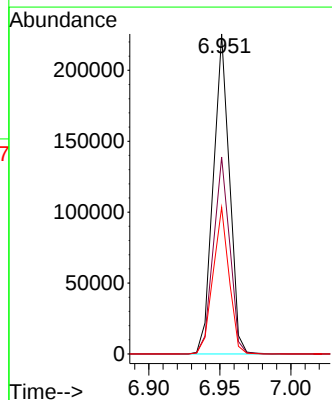
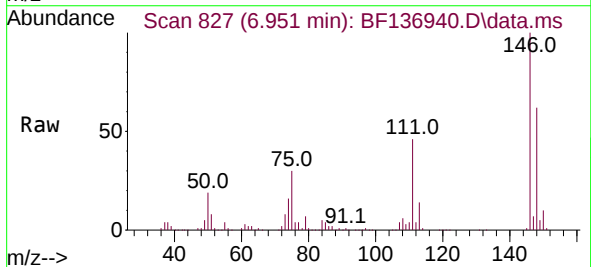
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

Tgt Ion:146 Resp: 192242
Ion Ratio Lower Upper
146 100
148 63.3 49.2 73.8
111 40.4 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 40.564 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt Ion:146 Resp: 178650
Ion Ratio Lower Upper
146 100
148 61.6 49.6 74.4
111 45.8 36.2 54.2

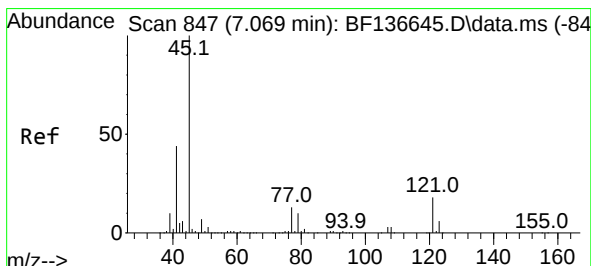
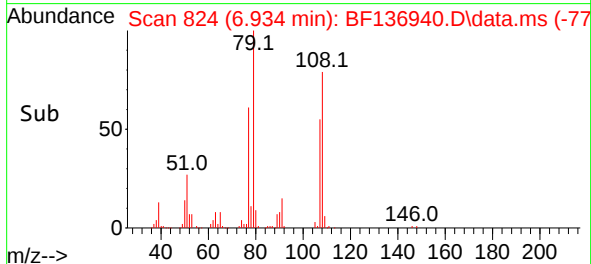
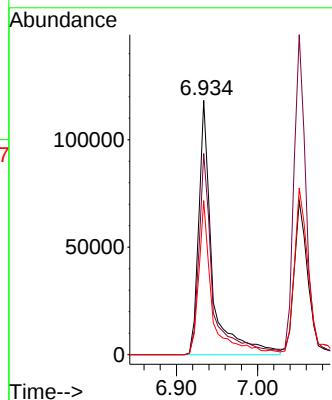
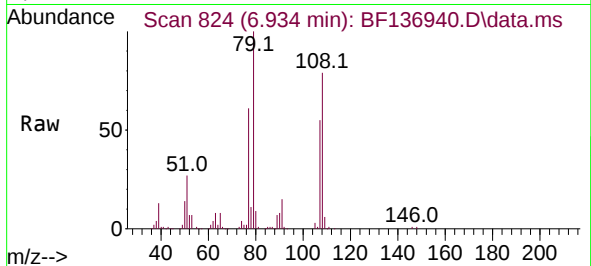




#15
Benzyl Alcohol
Concen: 40.608 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

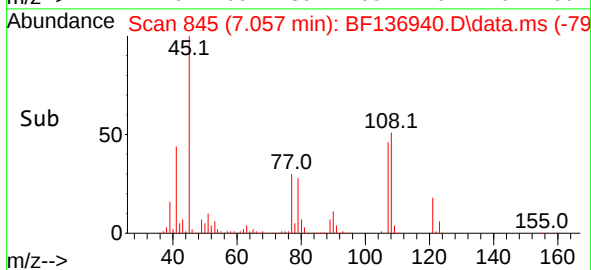
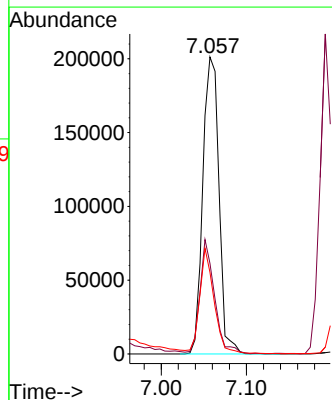
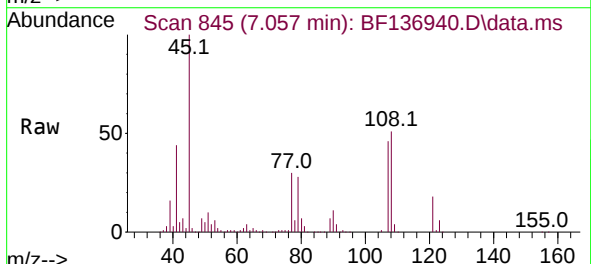
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

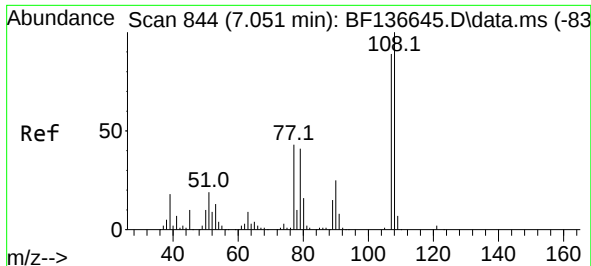
Tgt Ion: 79 Resp: 137739
Ion Ratio Lower Upper
79 100
108 79.1 61.0 91.6
77 60.6 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.603 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt Ion: 45 Resp: 264275
Ion Ratio Lower Upper
45 100
77 30.5 0.0 34.3
79 27.5 0.0 31.4

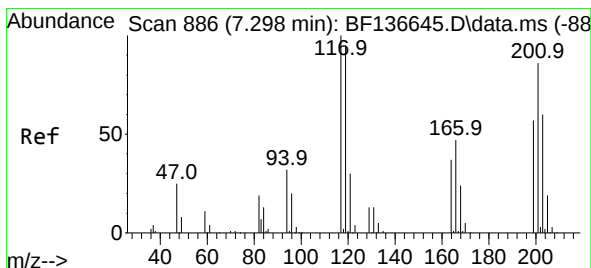
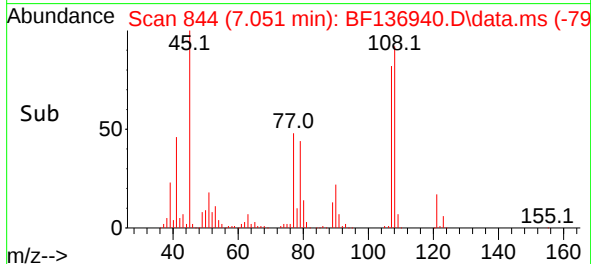
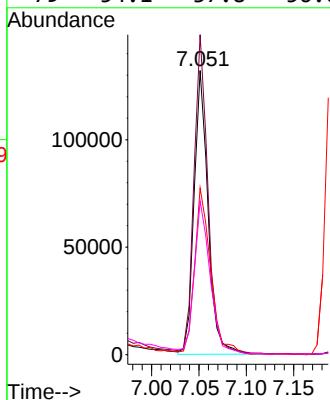
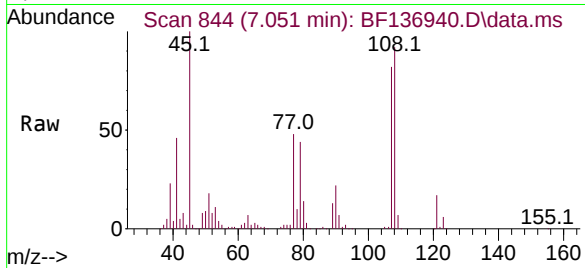




#17
2-Methylphenol
Concen: 38.662 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

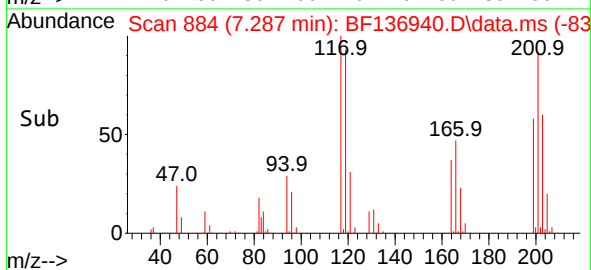
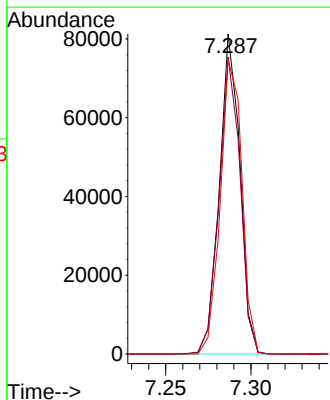
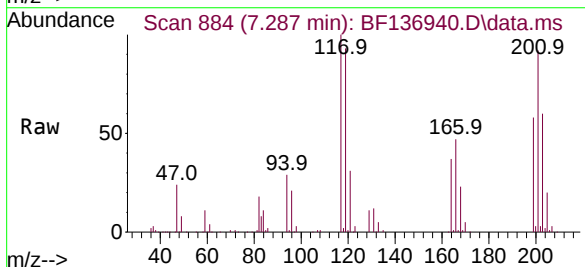
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

Tgt Ion:107 Resp: 136000
Ion Ratio Lower Upper
107 100
108 112.6 90.3 135.5
77 58.7 38.7 58.1#
79 54.1 37.8 56.6



#18
Hexachloroethane
Concen: 39.695 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt Ion:117 Resp: 68231
Ion Ratio Lower Upper
117 100
119 92.8 75.8 113.6
201 92.0 69.1 103.7

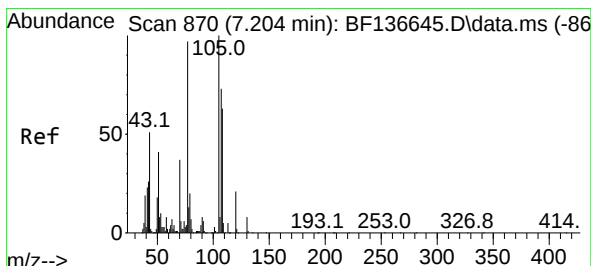
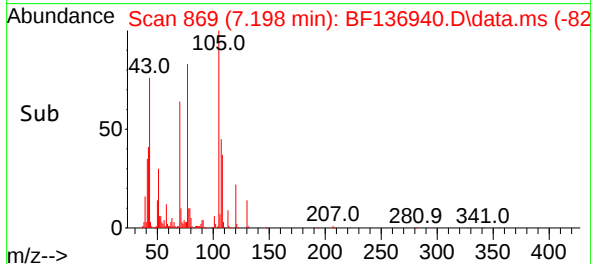
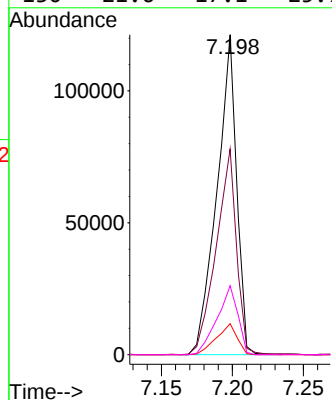
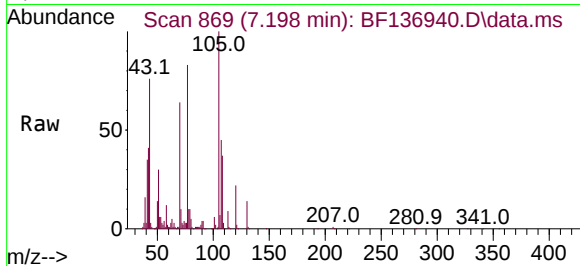




#19
n-Nitroso-di-n-propylamine
Concen: 38.449 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

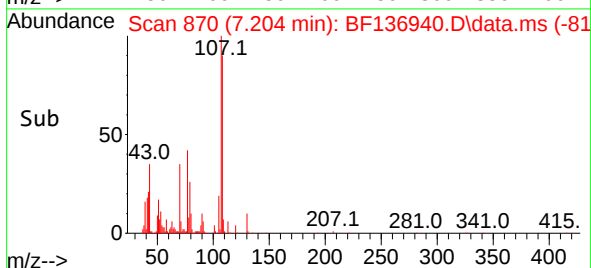
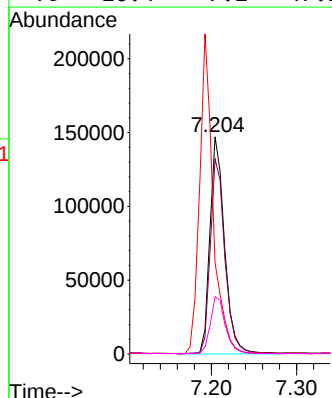
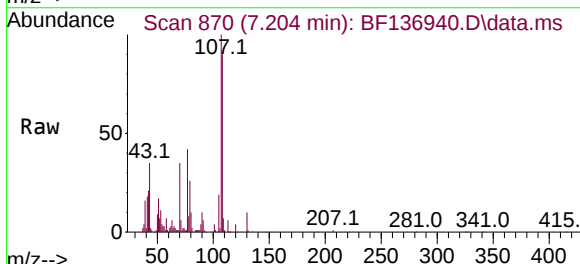
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

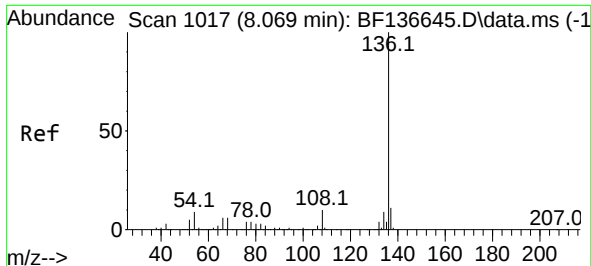
Tgt Ion: 70 Resp: 117184
Ion Ratio Lower Upper
70 100
42 64.3 54.2 81.4
101 9.7 7.6 11.4
130 21.6 17.1 25.7



#20
3+4-Methylphenols
Concen: 40.042 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt Ion: 107 Resp: 175969
Ion Ratio Lower Upper
107 100
108 89.8 66.0 106.0
77 41.9 114.2 154.2#
79 26.4 7.2 47.2

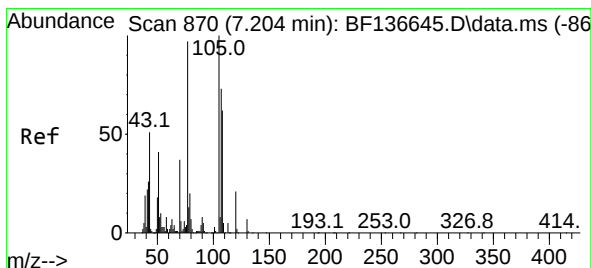
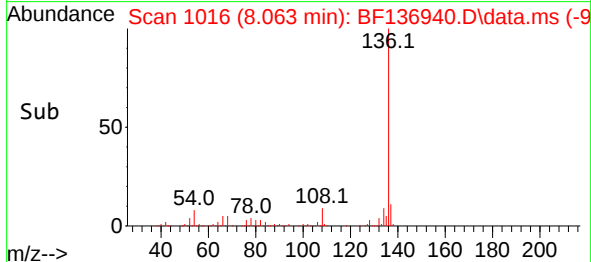
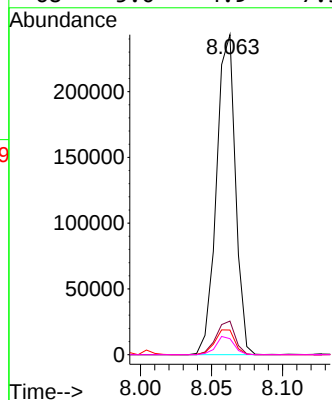
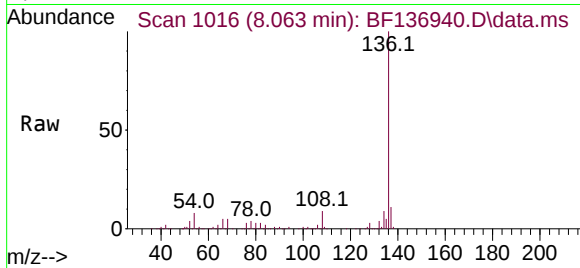




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

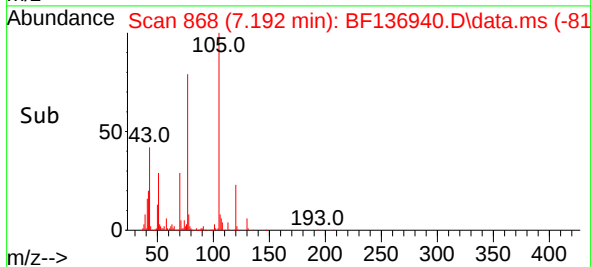
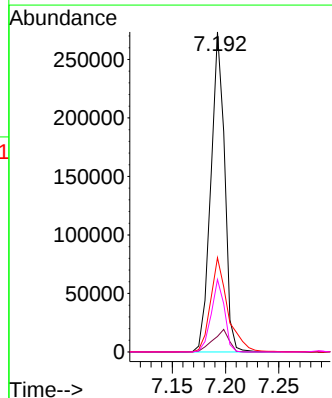
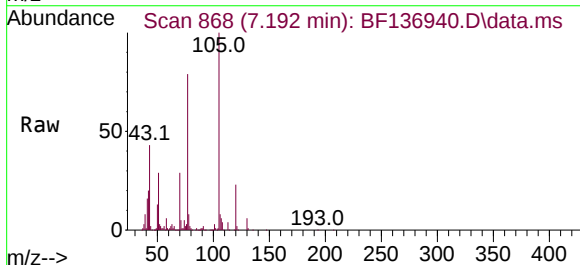
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

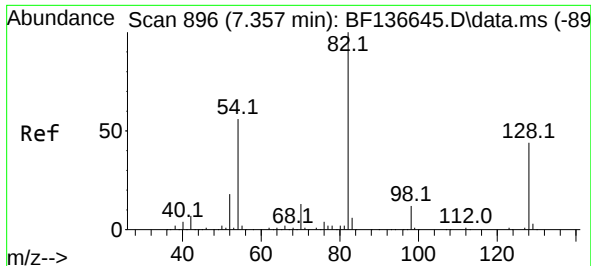
Tgt	Ion:136	Resp:	226183
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	7.7	7.2	10.8
68	5.0	4.9	7.3



#22
Acetophenone
Concen: 43.544 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt	Ion:105	Resp:	246864
Ion	Ratio	Lower	Upper
105	100		
71	4.9	4.8	7.2
51	29.4	32.8	49.2#
120	22.7	17.0	25.6





#23

Nitrobenzene-d5

Concen: 70.717 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

Instrument :

BNA_F

ClientSampleId :

GHL-SS-36aMS

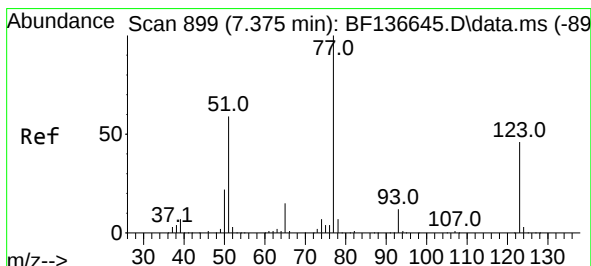
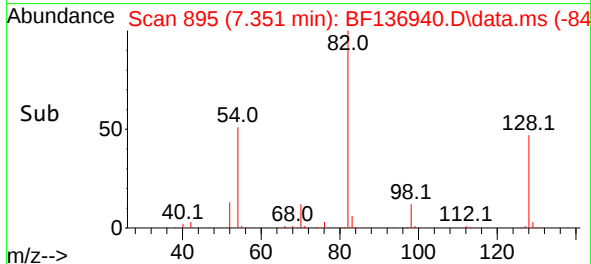
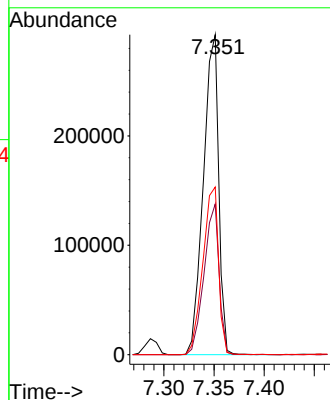
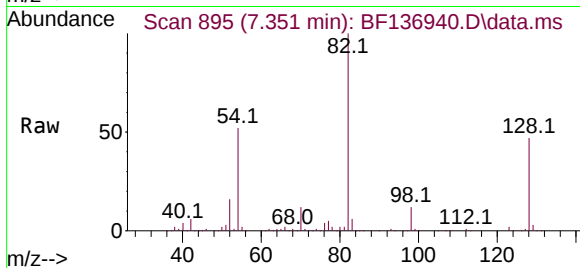
Tgt Ion: 82 Resp: 312578

Ion Ratio Lower Upper

82 100

128 47.1 35.3 52.9

54 52.4 44.5 66.7



#24

Nitrobenzene

Concen: 39.103 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

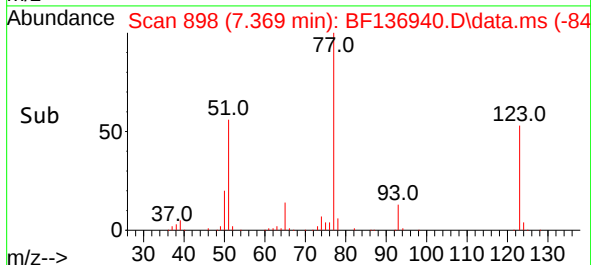
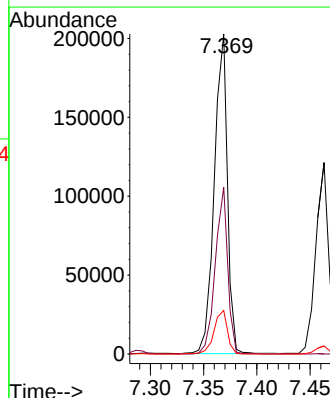
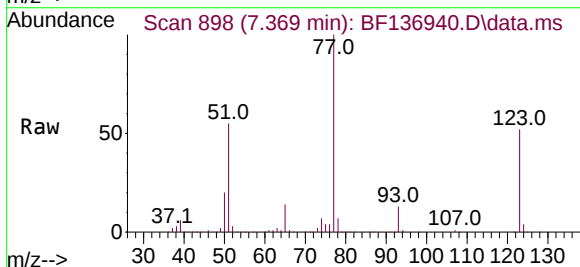
Tgt Ion: 77 Resp: 173139

Ion Ratio Lower Upper

77 100

123 52.1 36.7 55.1

65 13.6 11.8 17.6

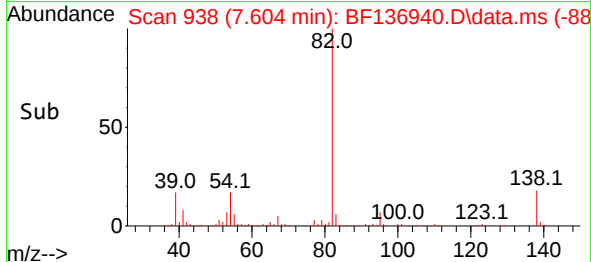
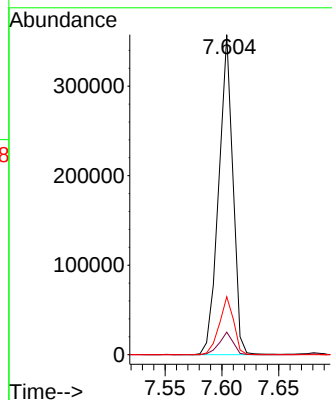
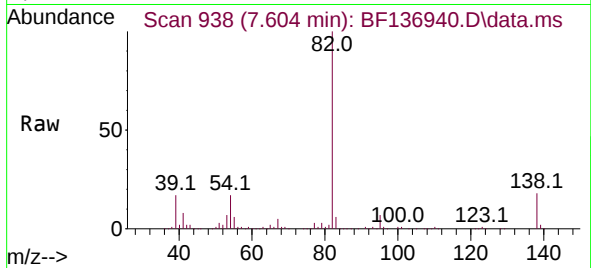




#25
Isophorone
Concen: 38.715 ng
RT: 7.604 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

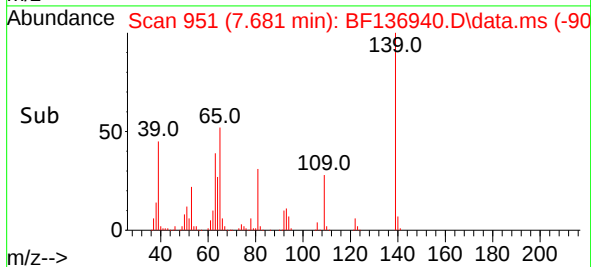
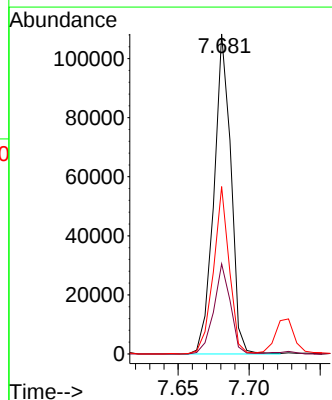
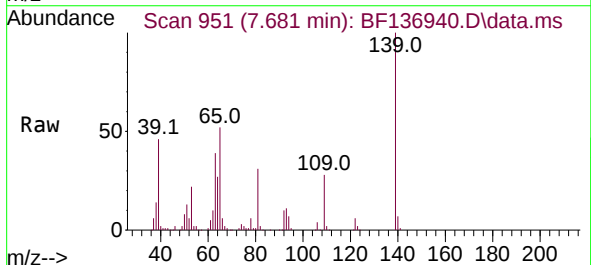
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

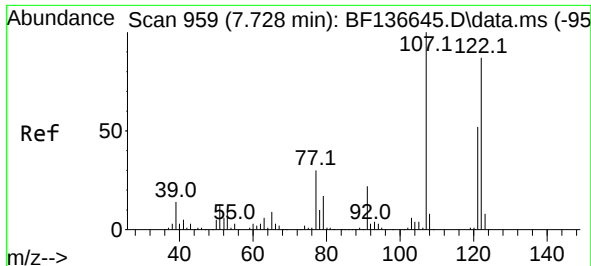
Tgt Ion: 82 Resp: 311381
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 18.1 14.5 21.7



#26
2-Nitrophenol
Concen: 42.620 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt Ion:139 Resp: 90288
Ion Ratio Lower Upper
139 100
109 28.1 21.9 32.9
65 52.3 38.6 58.0

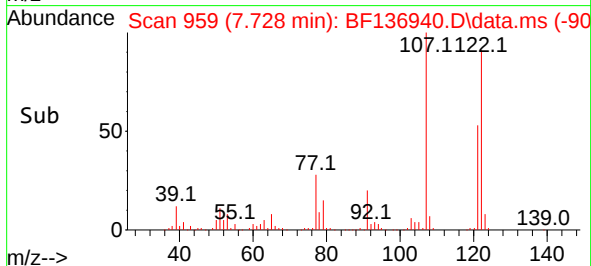
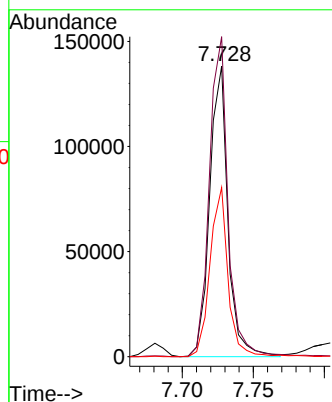
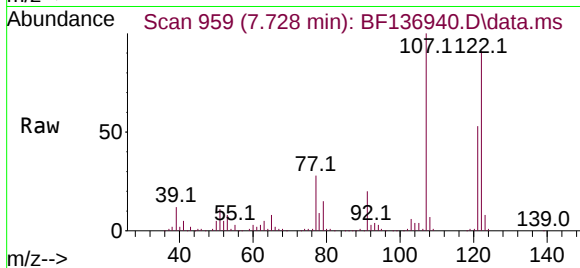




#27
2,4-Dimethylphenol
Concen: 47.890 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

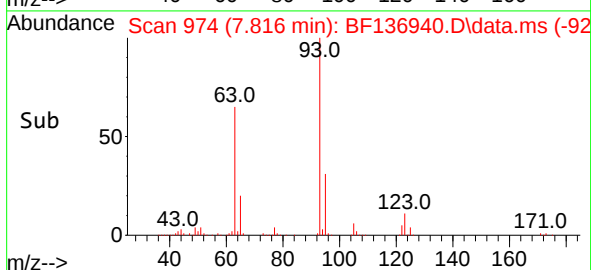
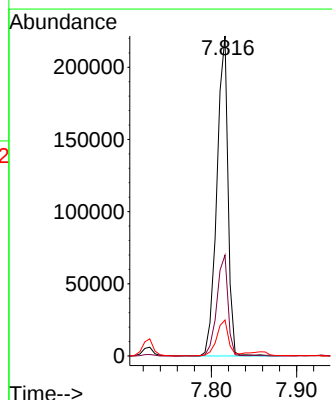
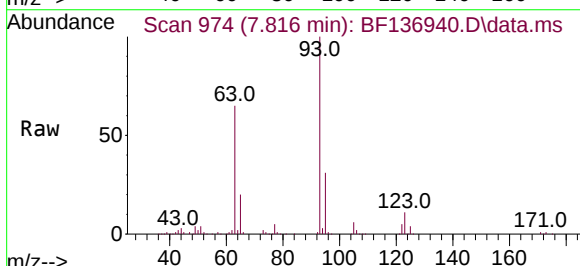
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

Tgt Ion:122 Resp: 123512
Ion Ratio Lower Upper
122 100
107 110.1 92.0 138.0
121 58.2 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 41.106 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt Ion: 93 Resp: 200963
Ion Ratio Lower Upper
93 100
95 31.5 25.5 38.3
123 11.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.612 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136940.D

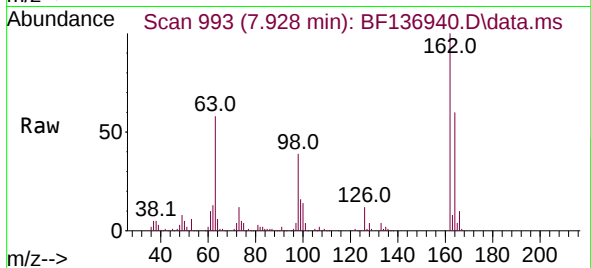
Acq: 04 Jan 2024 14:43

Instrument :

BNA_F

ClientSampleId :

GHL-SS-36aMS



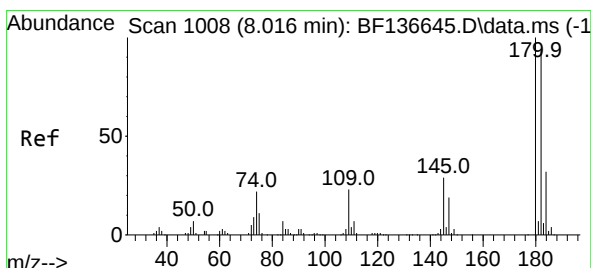
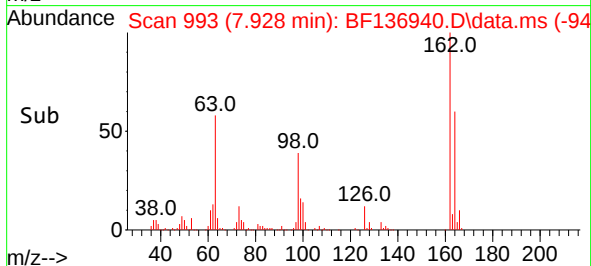
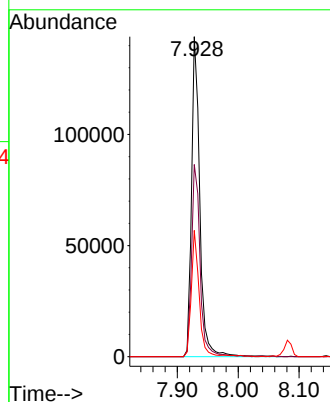
Tgt Ion:162 Resp: 134849

Ion Ratio Lower Upper

162 100

164 60.0 41.7 81.7

98 39.5 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 41.431 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

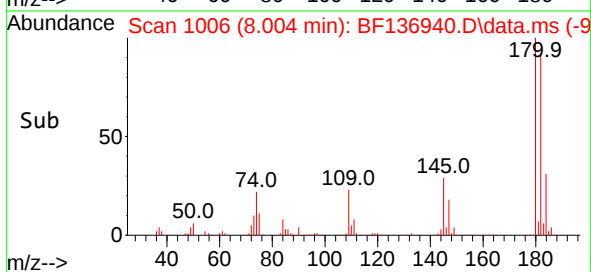
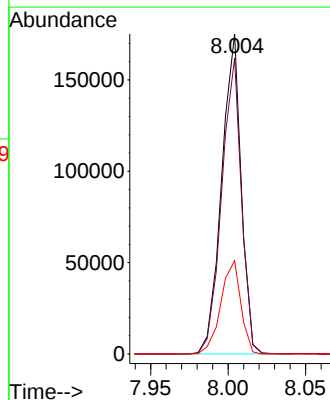
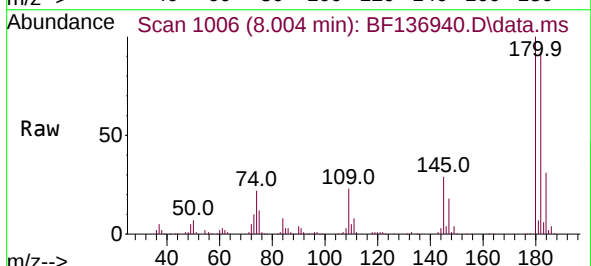
Tgt Ion:180 Resp: 153274

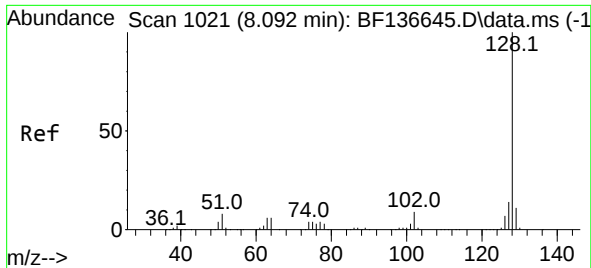
Ion Ratio Lower Upper

180 100

182 92.4 75.4 113.0

145 29.2 23.1 34.7

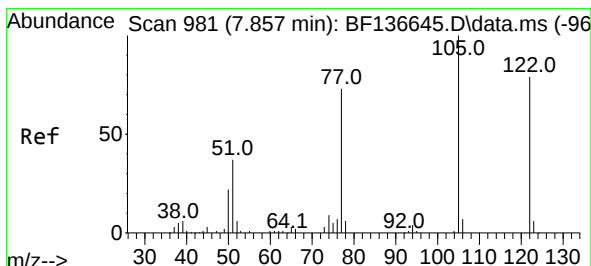
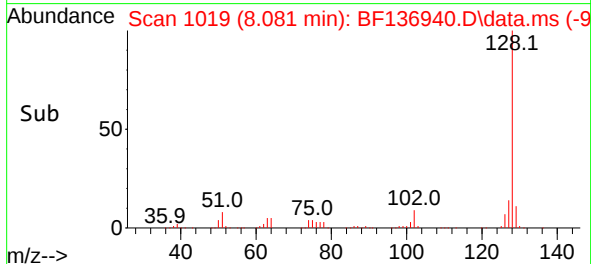
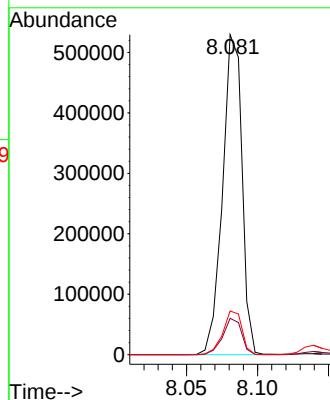
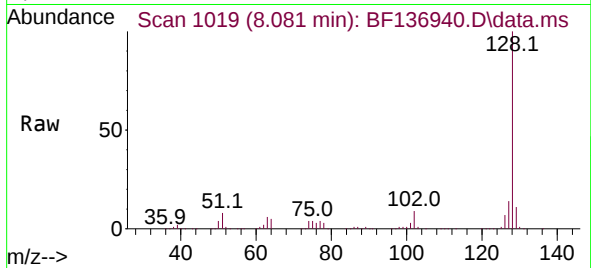




#31
Naphthalene
Concen: 40.485 ng
RT: 8.081 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

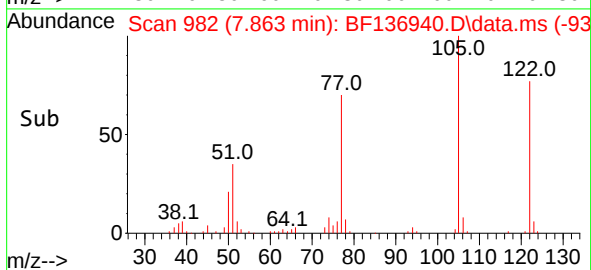
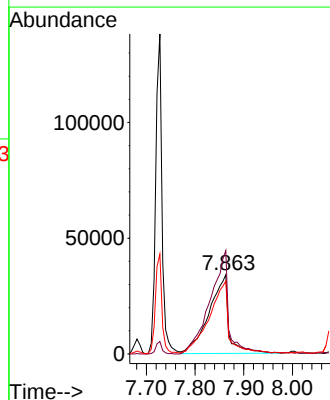
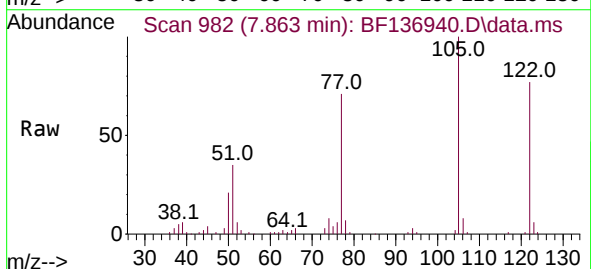
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

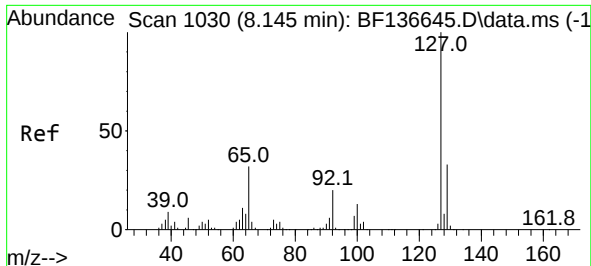
Tgt Ion:128 Resp: 503068
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 38.790 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt Ion:122 Resp: 96798
Ion Ratio Lower Upper
122 100
105 130.5 100.8 140.8
77 92.1 70.9 110.9

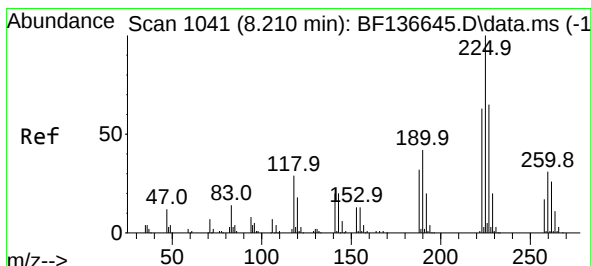
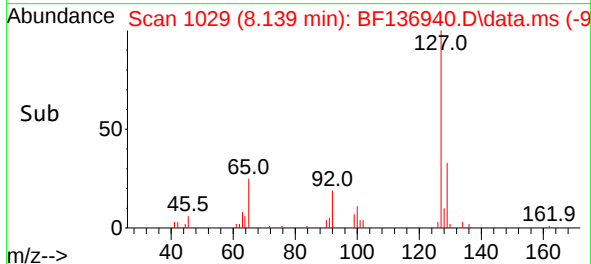
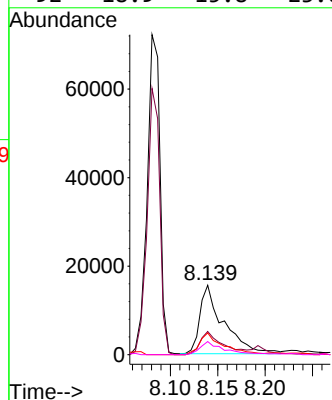
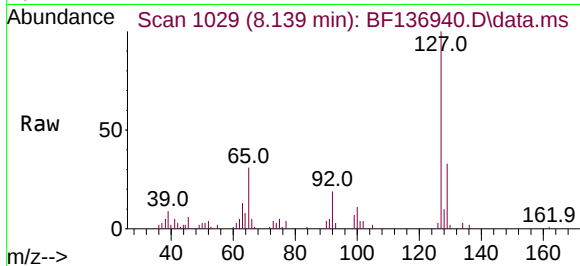




#33
4-Chloroaniline
Concen: 5.871 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

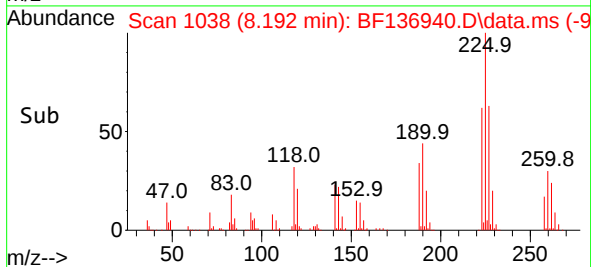
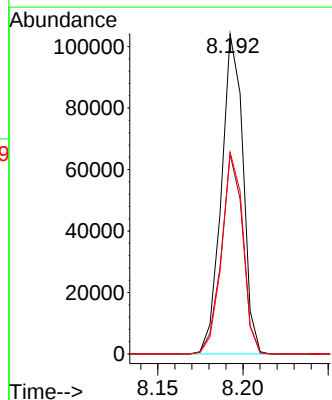
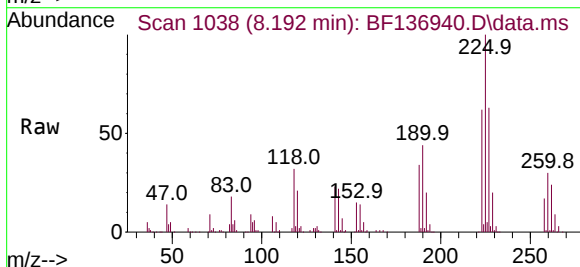
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

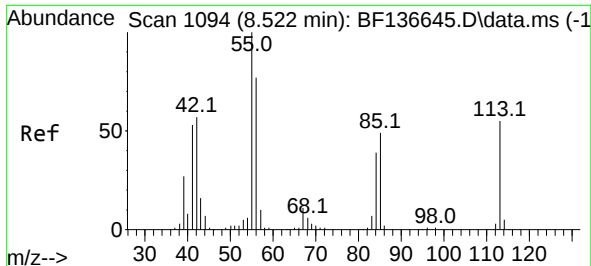
Tgt Ion:	127	Resp:	26935
Ion Ratio	Lower	Upper	
127	100		
129	33.5	26.3	39.5
65	31.3	25.8	38.8
92	18.9	15.8	23.6



#34
Hexachlorobutadiene
Concen: 40.770 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.018 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt Ion:	225	Resp:	91638
Ion Ratio	Lower	Upper	
225	100		
223	62.4	50.6	76.0
227	63.0	51.9	77.9

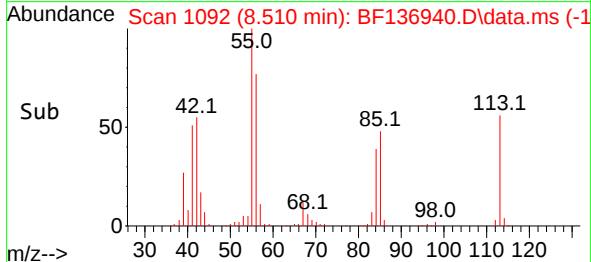
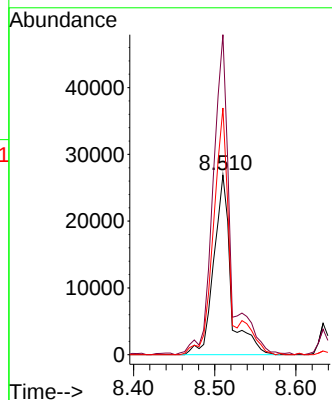
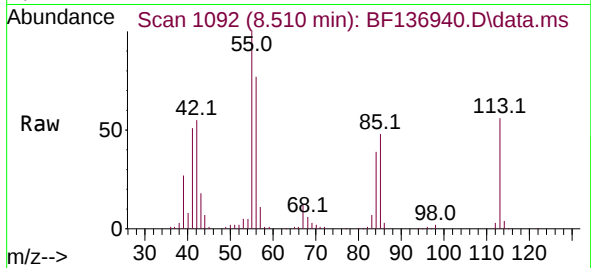




#35
Caprolactam
Concen: 35.872 ng
RT: 8.510 min Scan# 1092
Delta R.T. -0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

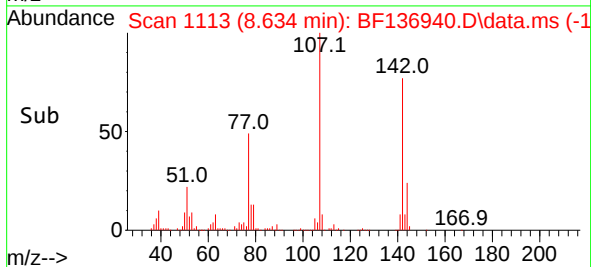
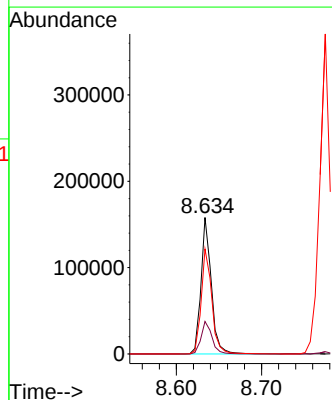
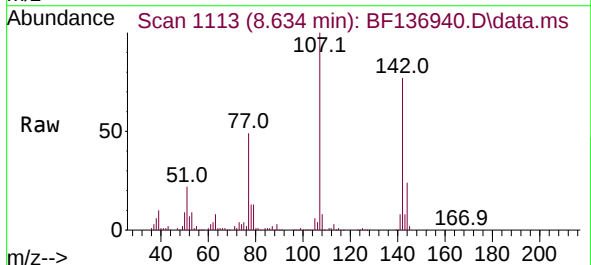
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

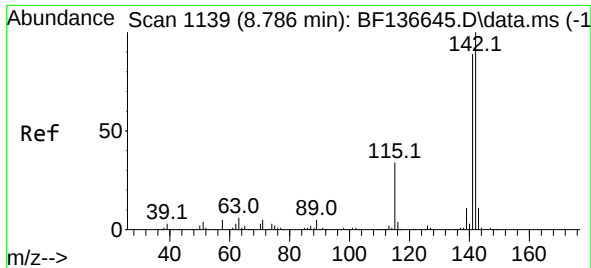
Tgt Ion:113 Resp: 39293
Ion Ratio Lower Upper
113 100
55 178.3 163.1 203.1
56 137.5 121.7 161.7



#36
4-Chloro-3-methylphenol
Concen: 35.719 ng
RT: 8.634 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt Ion:107 Resp: 133519
Ion Ratio Lower Upper
107 100
144 23.8 20.2 30.2
142 76.9 62.3 93.5





#37

2-Methylnaphthalene

Concen: 38.491 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

Instrument :

BNA_F

ClientSampleId :

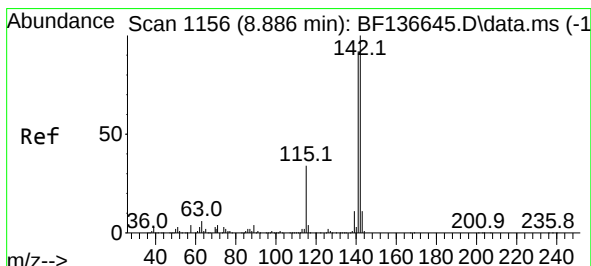
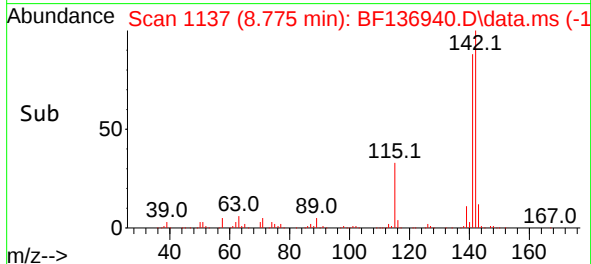
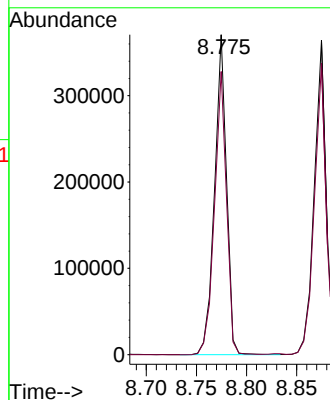
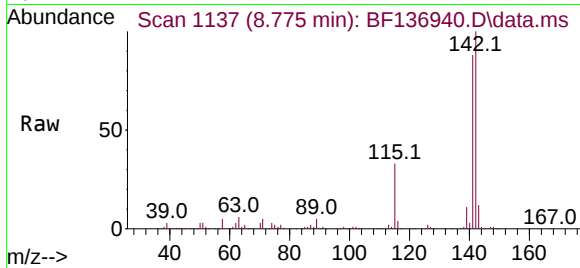
GHL-SS-36aMS

Tgt Ion:142 Resp: 307811

Ion Ratio Lower Upper

142 100

141 88.5 71.1 106.7



#38

1-Methylnaphthalene

Concen: 37.483 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136940.D

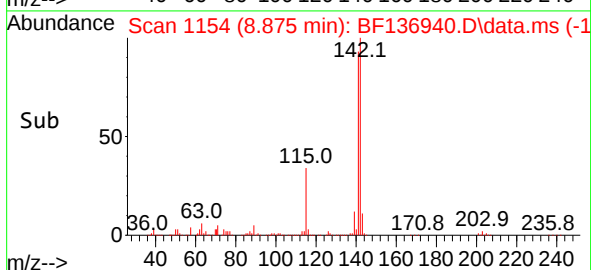
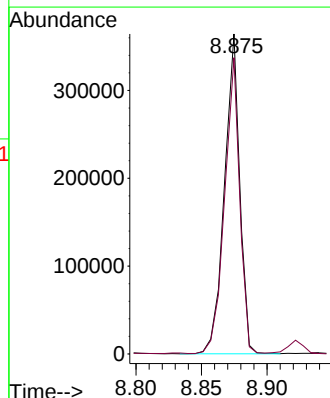
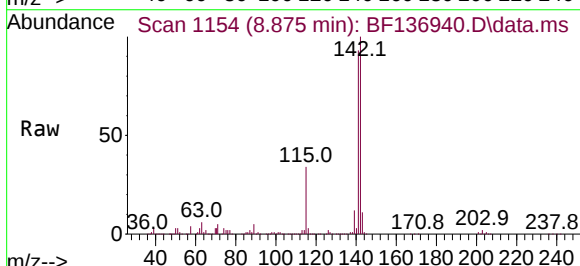
Acq: 04 Jan 2024 14:43

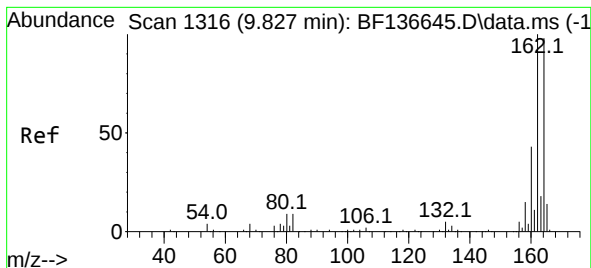
Tgt Ion:142 Resp: 294080

Ion Ratio Lower Upper

142 100

141 92.6 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

Instrument :

BNA_F

ClientSampleId :

GHL-SS-36aMS

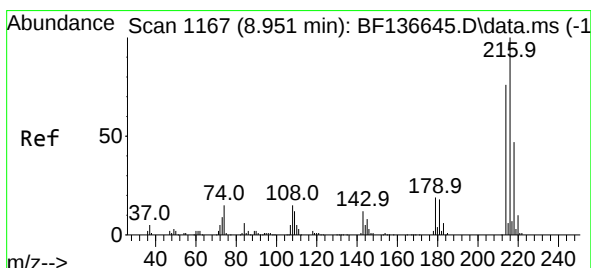
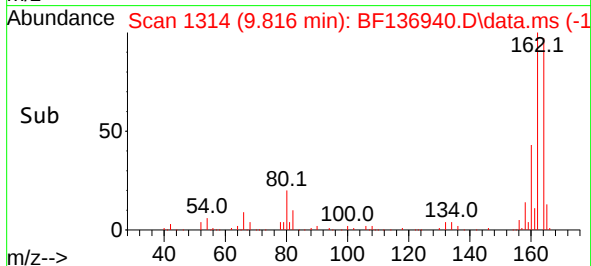
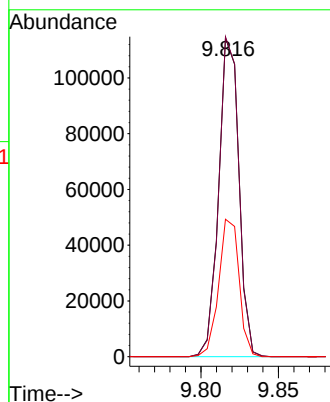
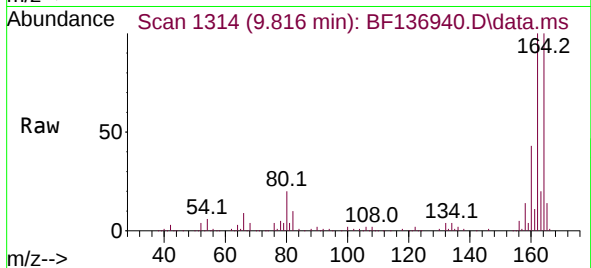
Tgt Ion:164 Resp: 103932

Ion Ratio Lower Upper

164 100

162 100.4 81.6 122.4

160 43.1 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.580 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

Tgt Ion:216 Resp: 153146

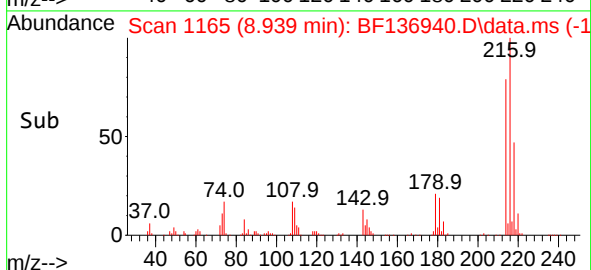
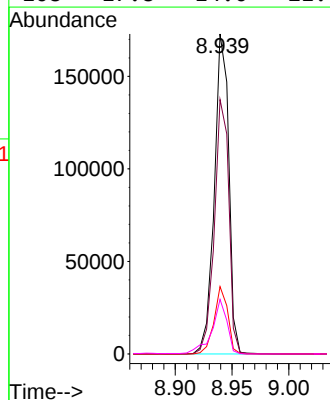
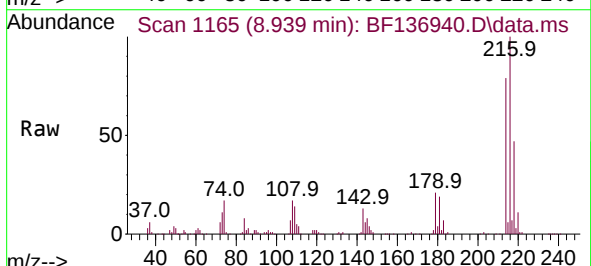
Ion Ratio Lower Upper

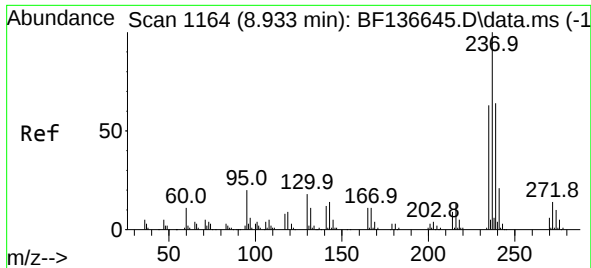
216 100

214 79.2 62.3 93.5

179 19.8 16.4 24.6

108 17.8 14.0 21.0

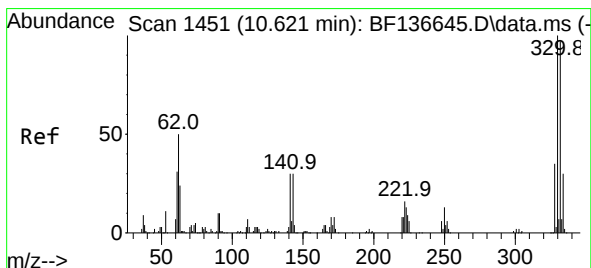
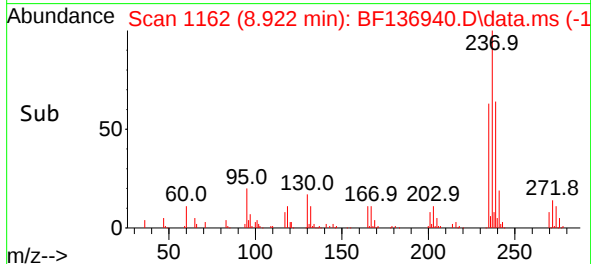
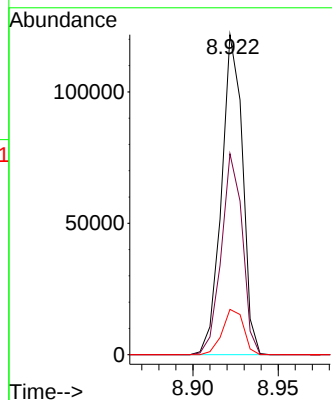
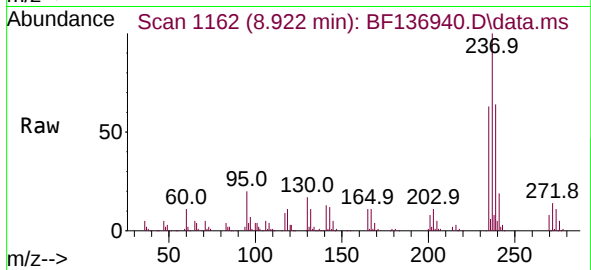




#41
Hexachlorocyclopentadiene
Concen: 100.503 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

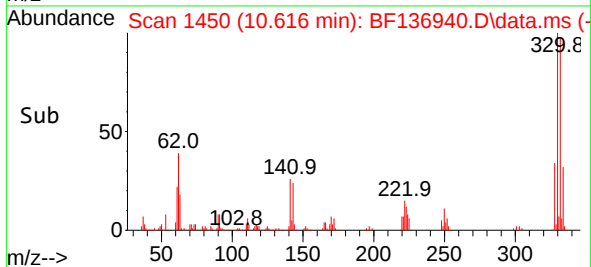
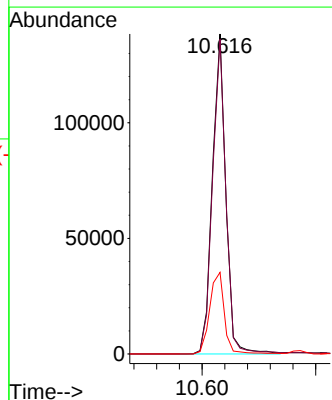
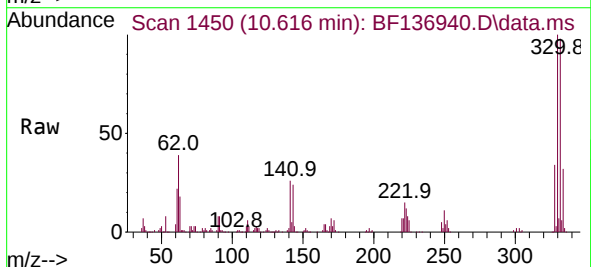
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

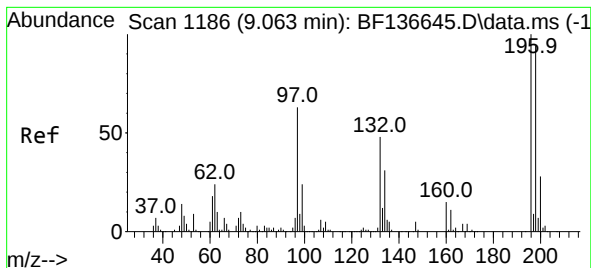
Tgt Ion:237 Resp: 104516
Ion Ratio Lower Upper
237 100
235 62.8 43.2 83.2
272 14.2 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 92.548 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt Ion:330 Resp: 113282
Ion Ratio Lower Upper
330 100
332 98.7 77.4 116.0
141 28.0 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 42.904 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

Instrument :

BNA_F

ClientSampleId :

GHL-SS-36aMS

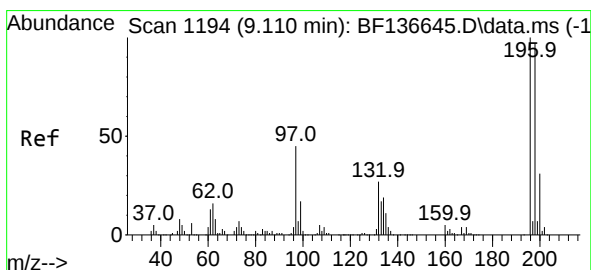
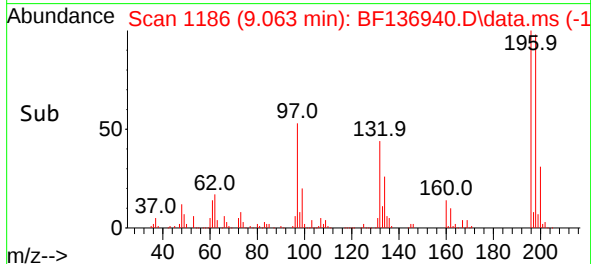
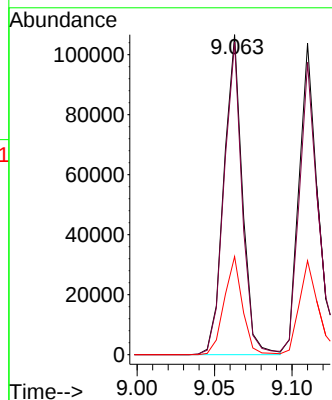
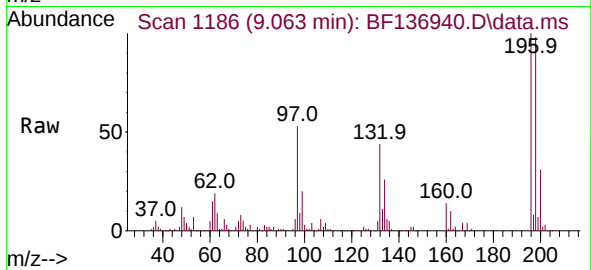
Tgt Ion:196 Resp: 88564

Ion Ratio Lower Upper

196 100

198 97.7 75.1 112.7

200 30.6 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 38.783 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

Tgt Ion:196 Resp: 89212

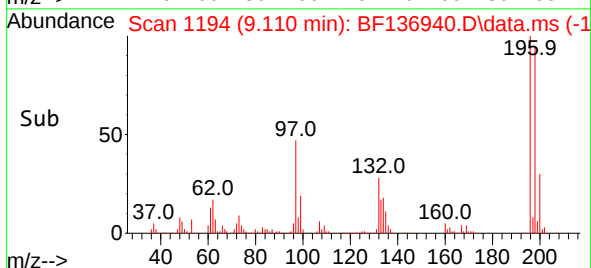
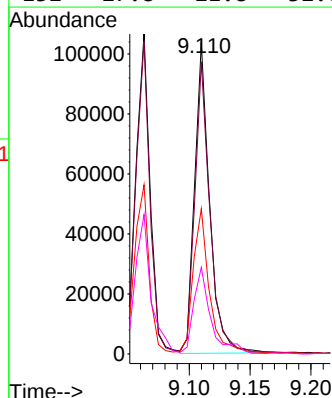
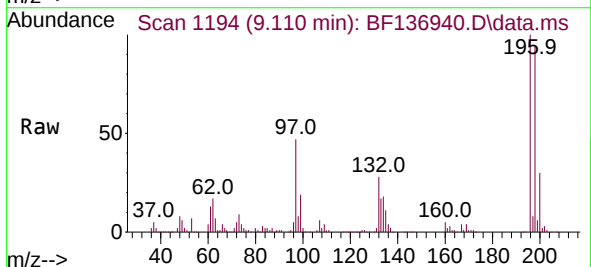
Ion Ratio Lower Upper

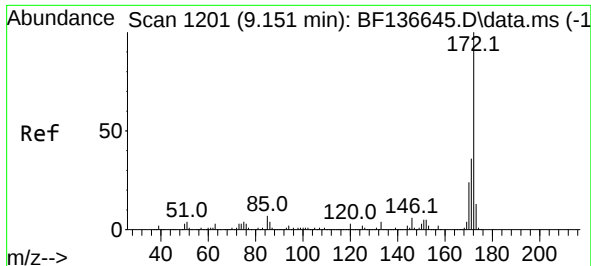
196 100

198 93.8 77.0 115.6

97 46.7 36.1 54.1

132 27.8 21.8 32.6

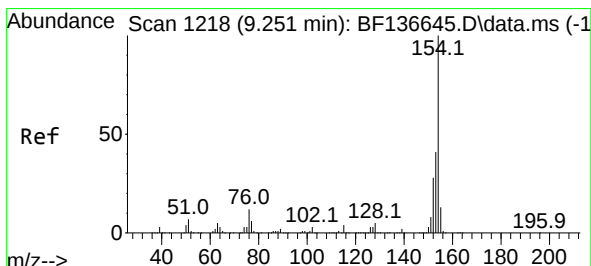
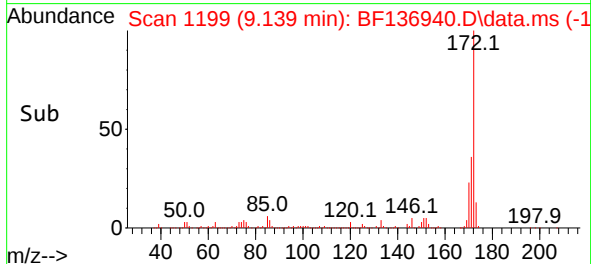
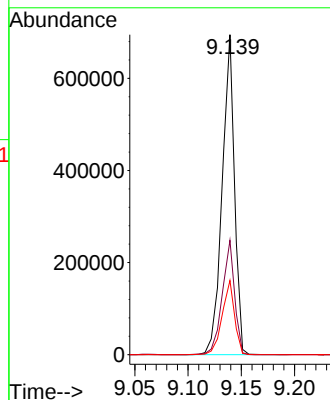
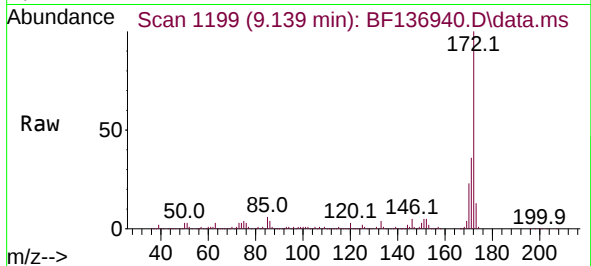




#45
2-Fluorobiphenyl
Concen: 72.241 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

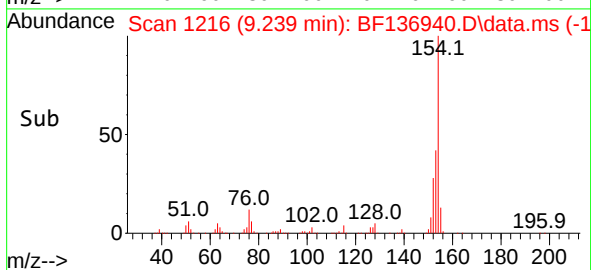
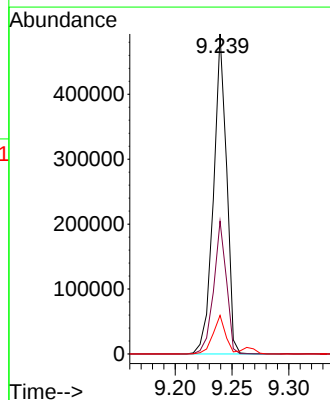
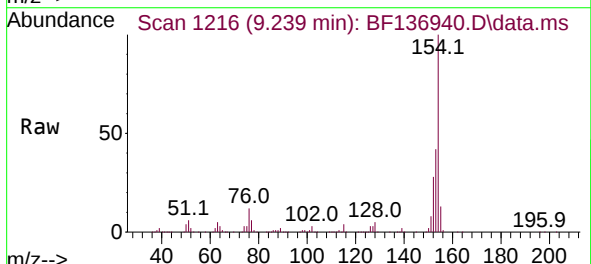
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

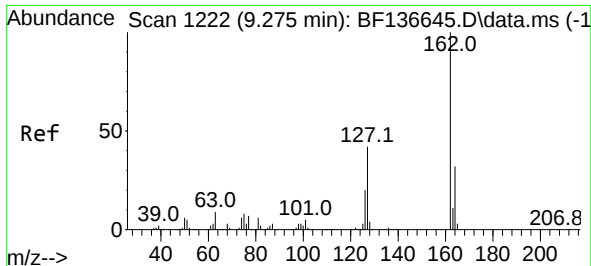
Tgt Ion:172 Resp: 558234
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.2 19.0 28.4



#46
1,1'-Biphenyl
Concen: 45.278 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt Ion:154 Resp: 394891
Ion Ratio Lower Upper
154 100
153 41.5 21.1 61.1
76 12.0 0.0 31.7

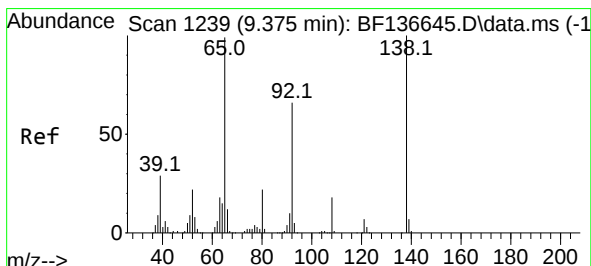
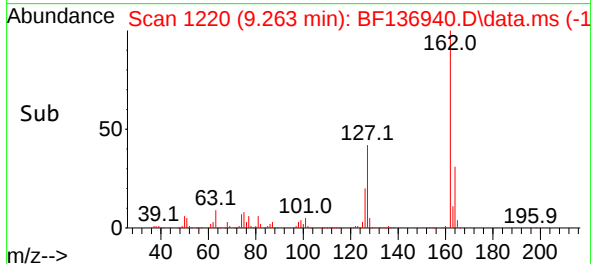
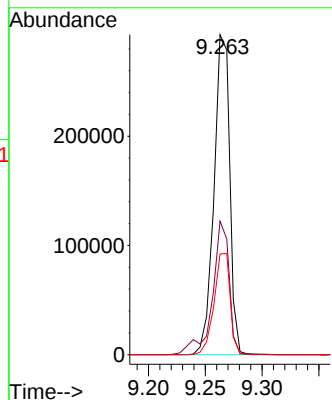
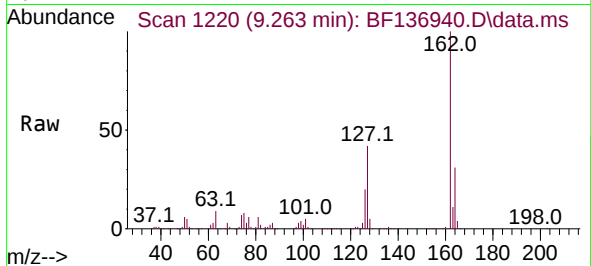




#47
2-Chloronaphthalene
Concen: 42.655 ng
RT: 9.263 min Scan# 1222
Delta R.T. -0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

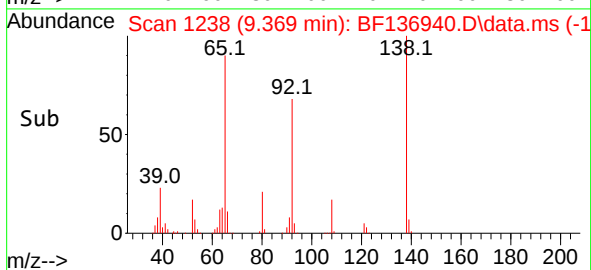
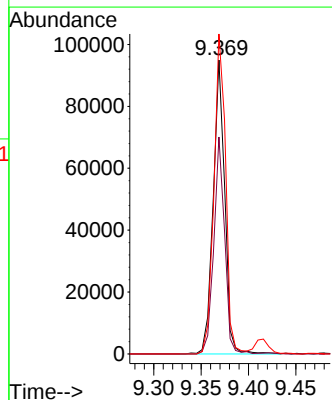
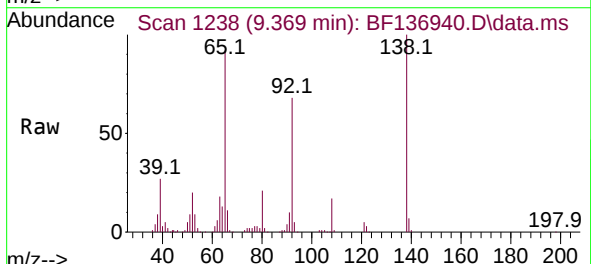
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

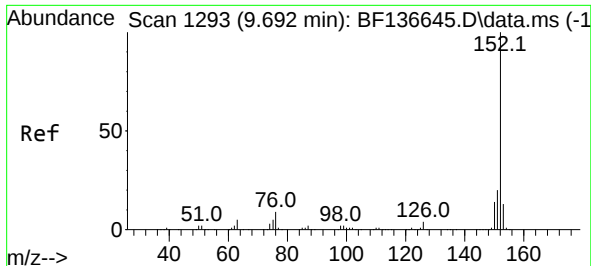
Tgt Ion:162 Resp: 282814
Ion Ratio Lower Upper
162 100
127 41.7 33.6 50.4
164 31.4 25.7 38.5



#48
2-Nitroaniline
Concen: 38.614 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

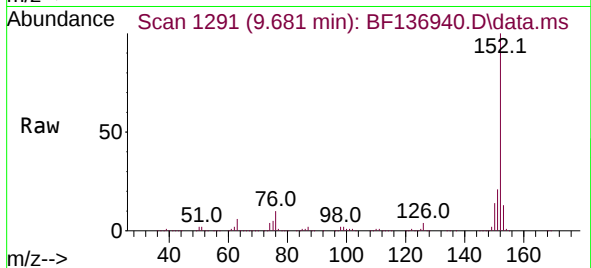
Tgt Ion: 65 Resp: 80172
Ion Ratio Lower Upper
65 100
92 73.8 53.2 79.8
138 108.9 81.1 121.7



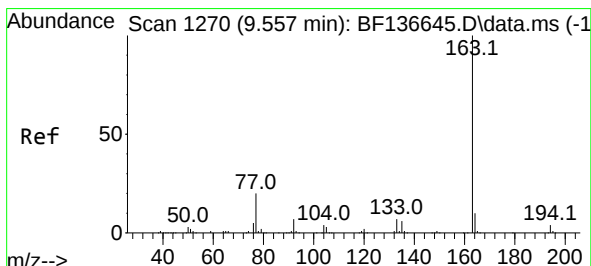
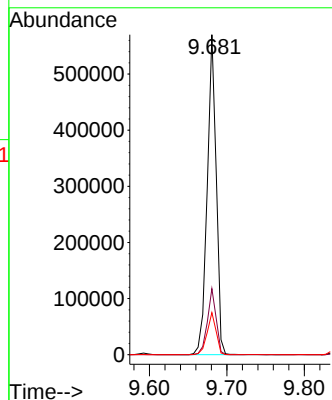
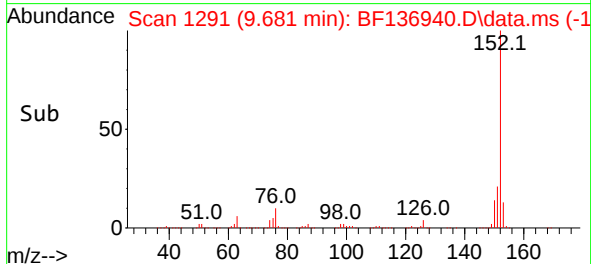


#49
Acenaphthylene
Concen: 45.367 ng
RT: 9.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

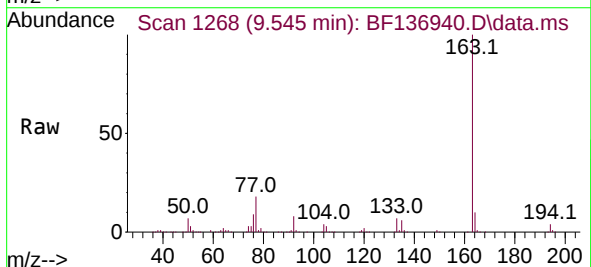
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS



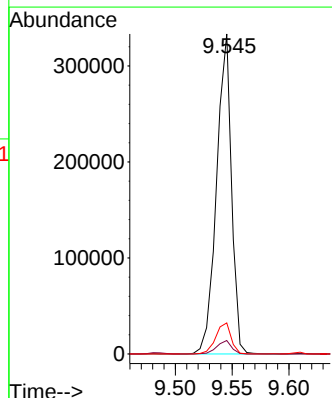
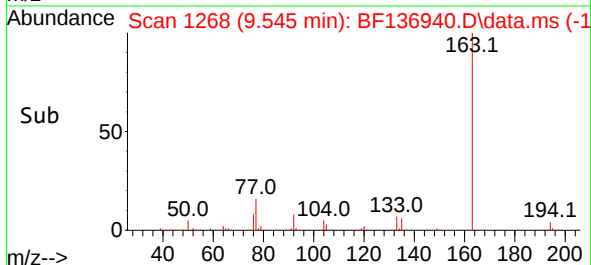
Tgt Ion:152 Resp: 459758
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.2 10.2 15.2

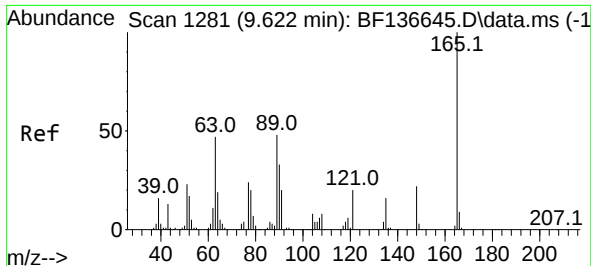


#50
Dimethylphthalate
Concen: 40.156 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43



Tgt Ion:163 Resp: 304843
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.7 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 38.377 ng

RT: 9.610 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

Instrument :

BNA_F

ClientSampleId :

GHL-SS-36aMS

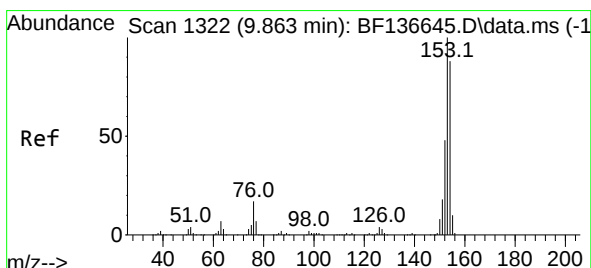
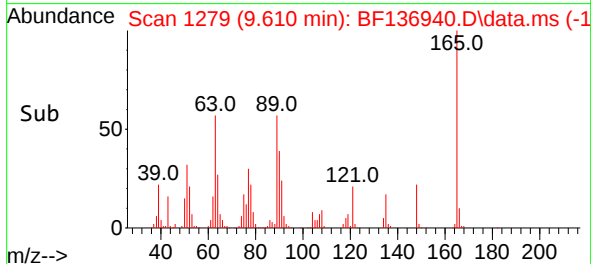
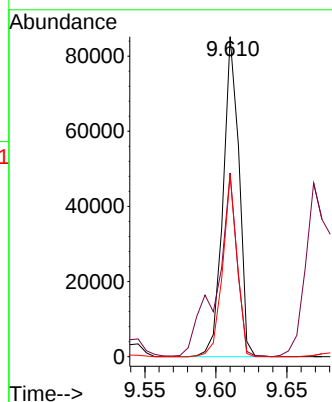
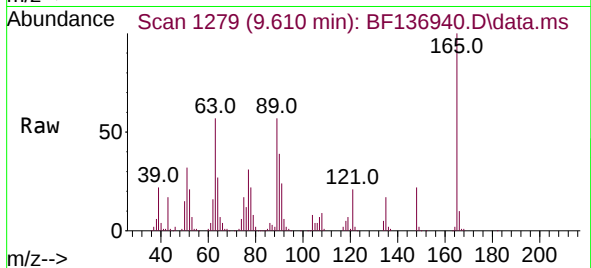
Tgt Ion:165 Resp: 66119

Ion Ratio Lower Upper

165 100

63 57.4 39.8 59.6

89 56.8 38.8 58.2



#52

Acenaphthene

Concen: 41.449 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

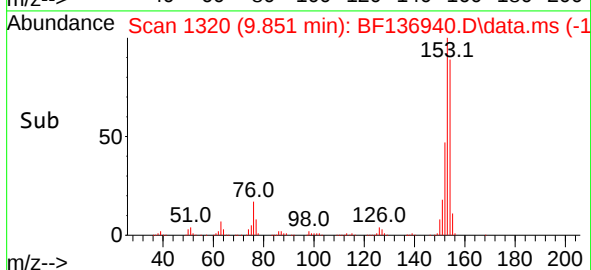
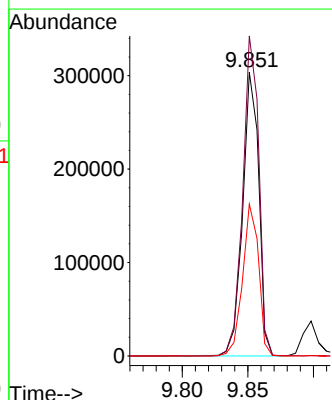
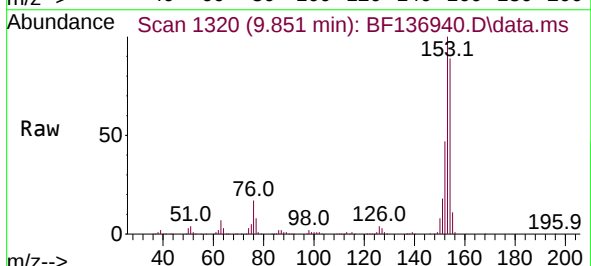
Tgt Ion:154 Resp: 260381

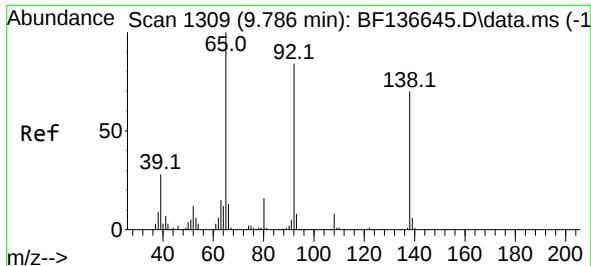
Ion Ratio Lower Upper

154 100

153 112.8 90.7 136.1

152 53.5 43.7 65.5

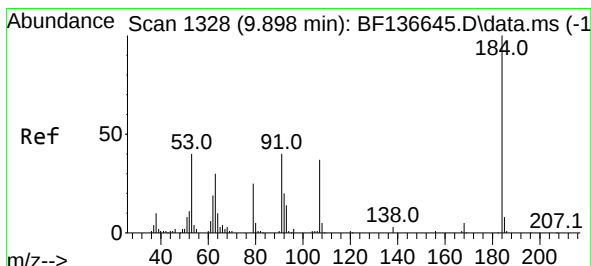
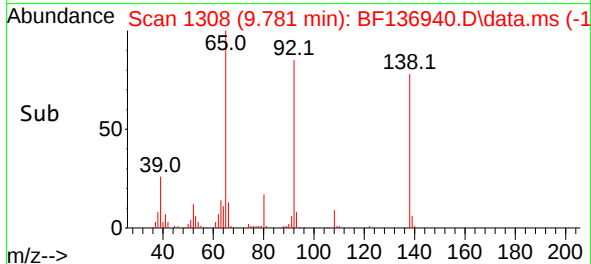
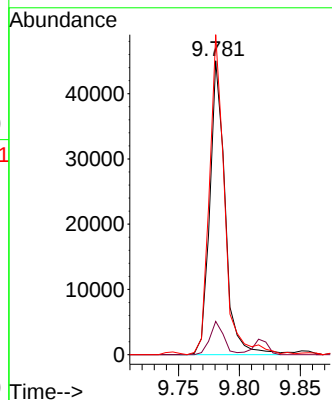
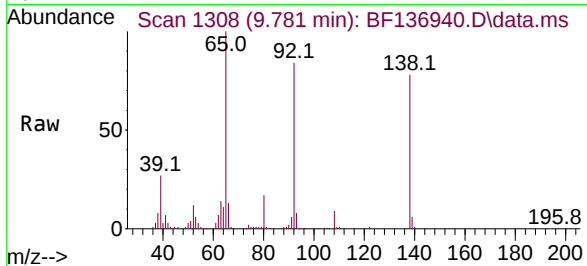




#53
3-Nitroaniline
Concen: 21.637 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

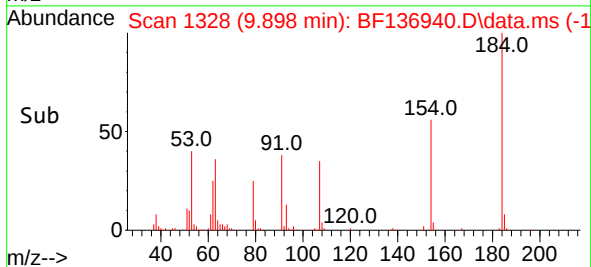
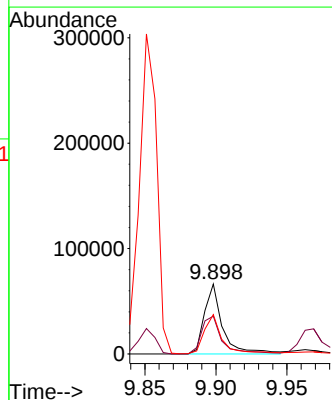
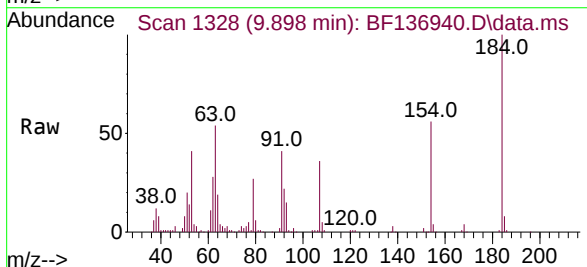
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

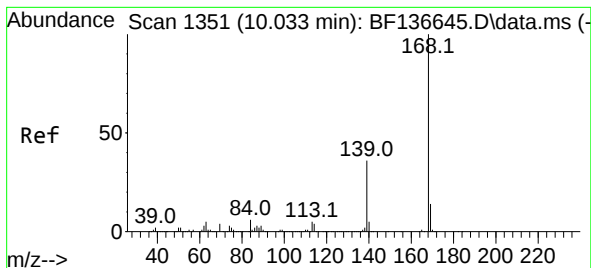
Tgt Ion:138 Resp: 39490
Ion Ratio Lower Upper
138 100
108 11.3 8.6 12.8
92 108.9 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 63.055 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt Ion:184 Resp: 59416
Ion Ratio Lower Upper
184 100
63 54.0 40.9 61.3
154 56.2 42.7 64.1





#55

Dibenzenofuran

Concen: 41.398 ng

RT: 10.028 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

Instrument :

BNA_F

ClientSampleId :

GHL-SS-36aMS

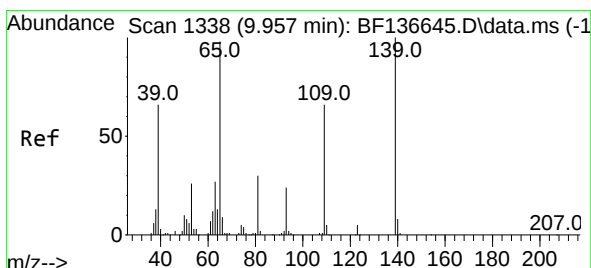
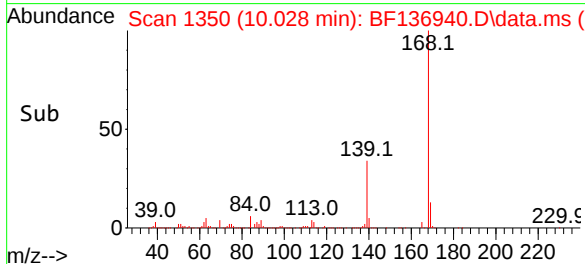
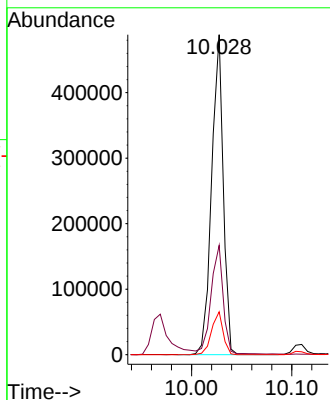
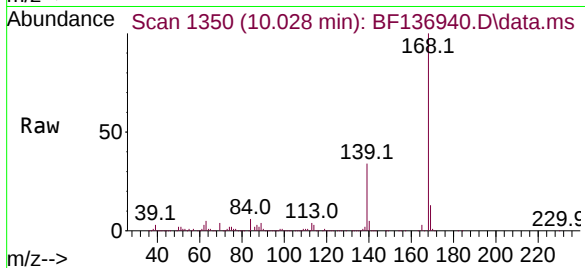
Tgt Ion:168 Resp: 394216

Ion Ratio Lower Upper

168 100

139 34.1 29.3 43.9

169 13.4 11.0 16.4



#56

4-Nitrophenol

Concen: 60.346 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.012 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

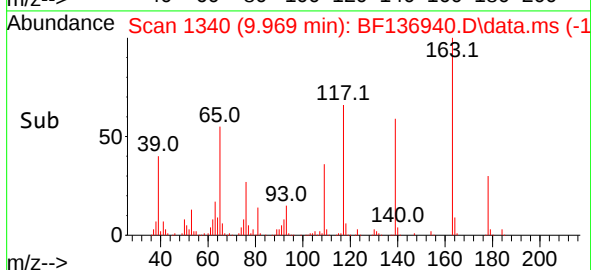
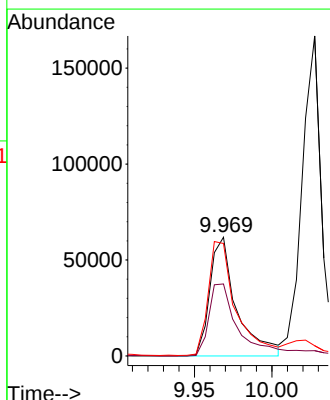
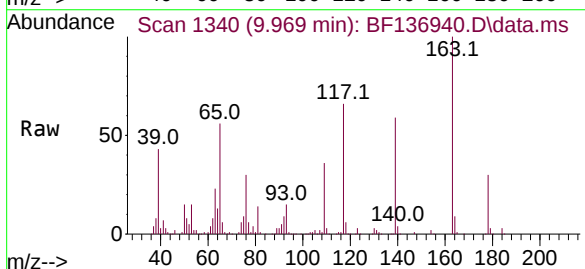
Tgt Ion:139 Resp: 74349

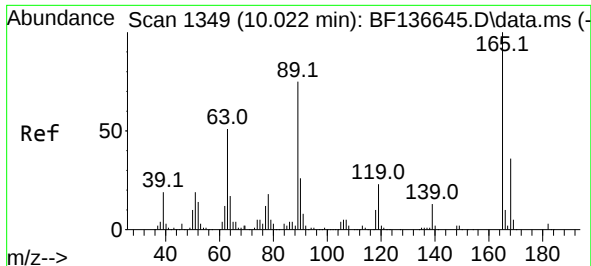
Ion Ratio Lower Upper

139 100

109 60.7 45.8 85.8

65 94.8 77.8 117.8

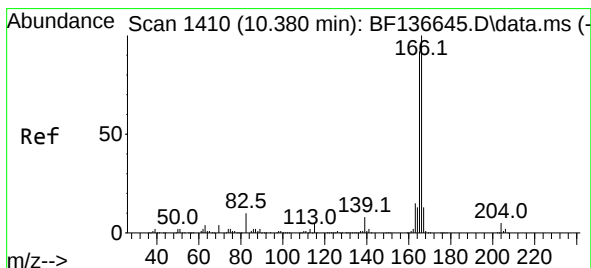
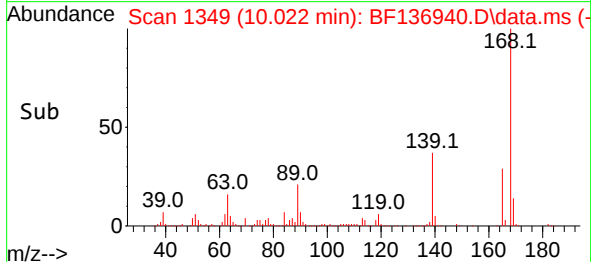
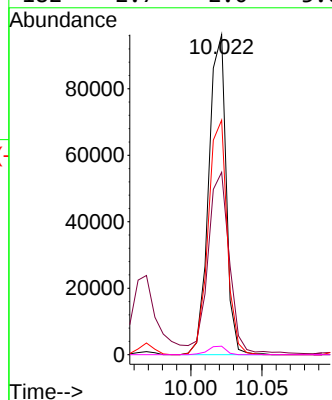
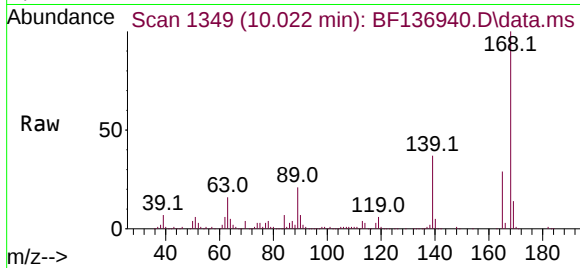




#57
2,4-Dinitrotoluene
Concen: 36.647 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

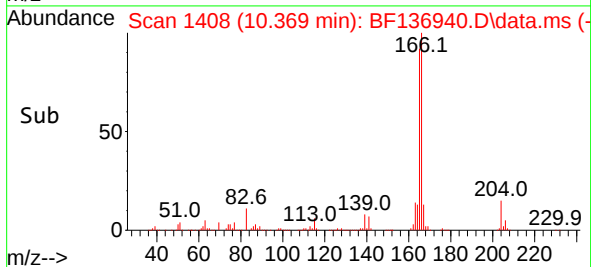
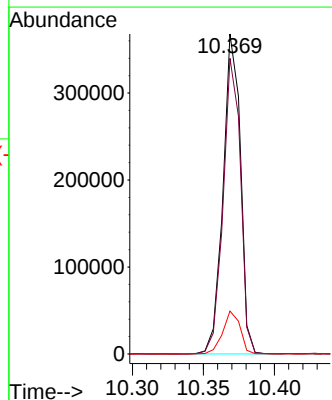
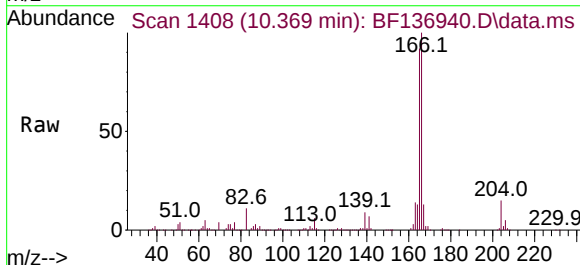
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

Tgt Ion:	165	Resp:	81966
Ion Ratio	Lower	Upper	
165	100		
63	57.0	41.0	61.6
89	73.3	59.9	89.9
182	2.7	2.0	3.0



#58
Fluorene
Concen: 41.332 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt Ion:	166	Resp:	312296
Ion Ratio	Lower	Upper	
166	100		
165	92.4	73.7	110.5
167	13.4	10.4	15.6

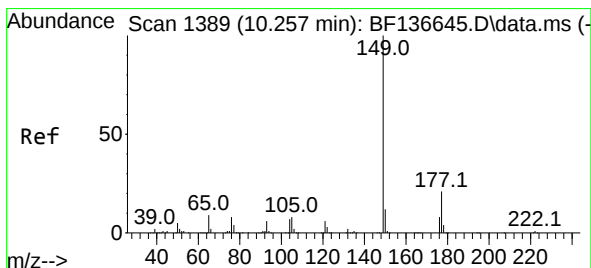
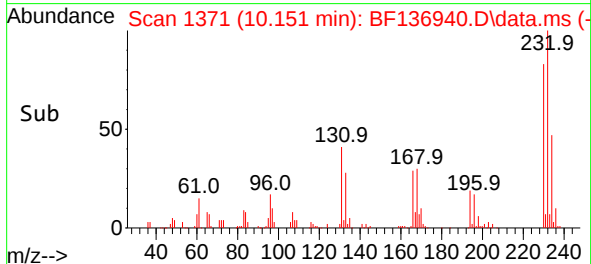
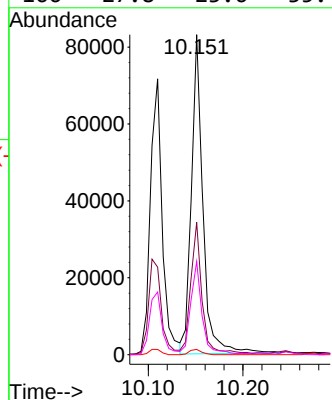
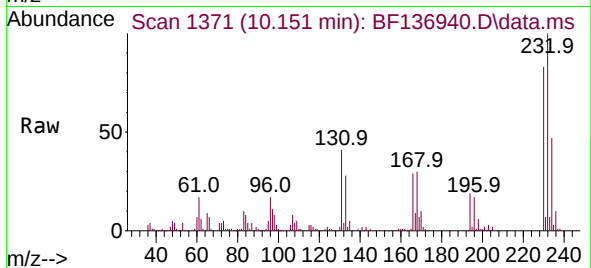




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.833 ng
RT: 10.151 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

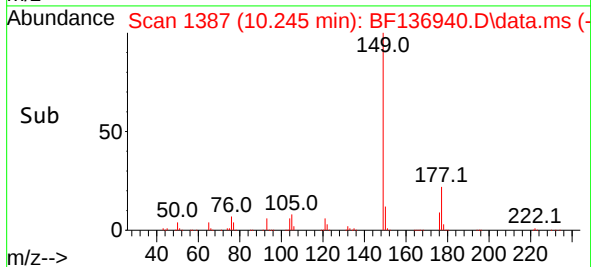
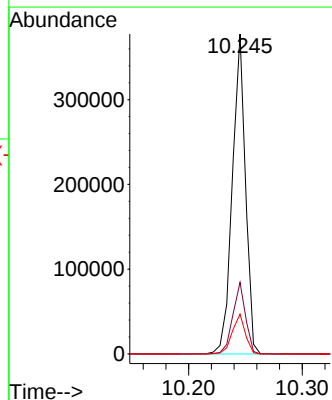
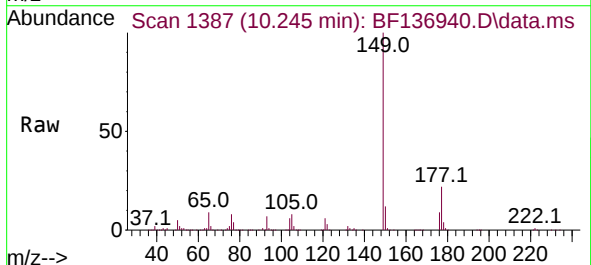
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

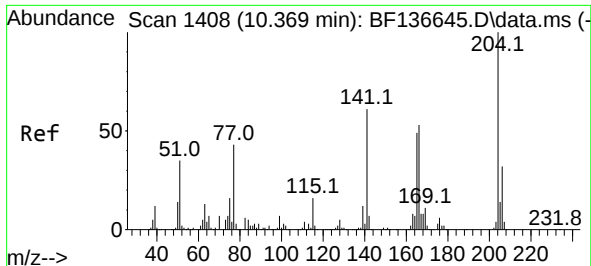
Tgt Ion:232 Resp: 70532
Ion Ratio Lower Upper
232 100
131 39.7 35.1 52.7
130 1.7 1.6 2.4
166 27.8 23.6 35.4



#60
Diethylphthalate
Concen: 38.411 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt Ion:149 Resp: 302551
Ion Ratio Lower Upper
149 100
177 22.4 16.9 25.3
150 12.5 9.3 13.9

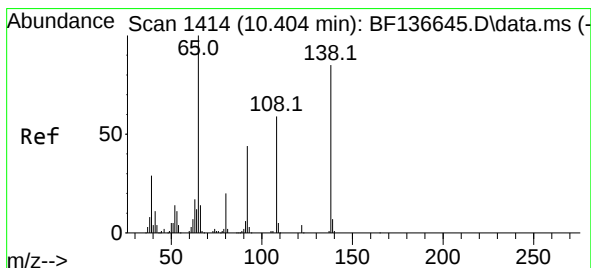
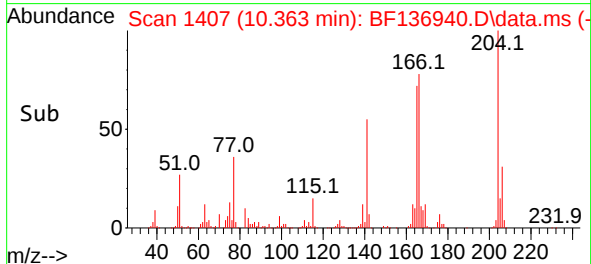
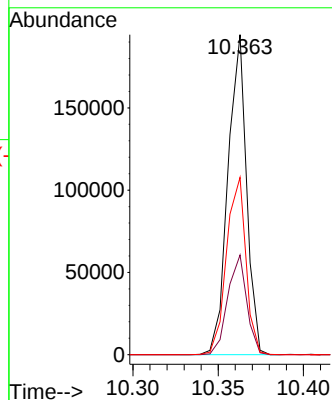
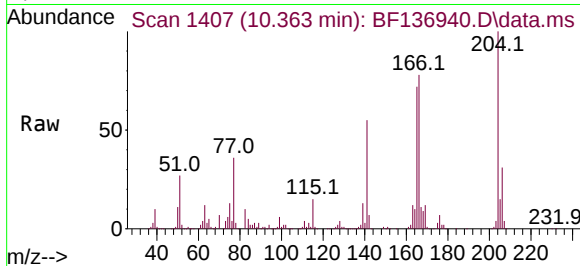




#61
4-Chlorophenyl-phenylether
Concen: 40.058 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

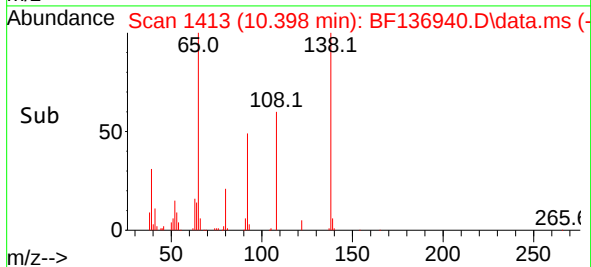
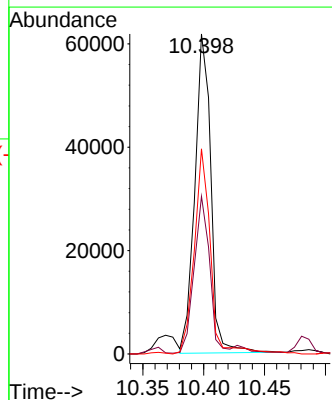
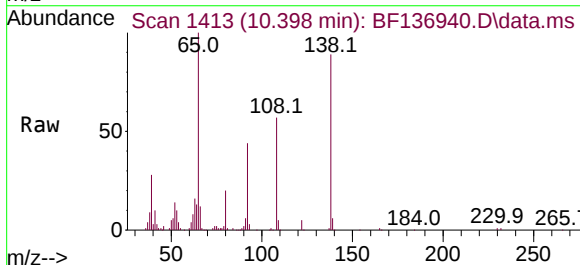
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

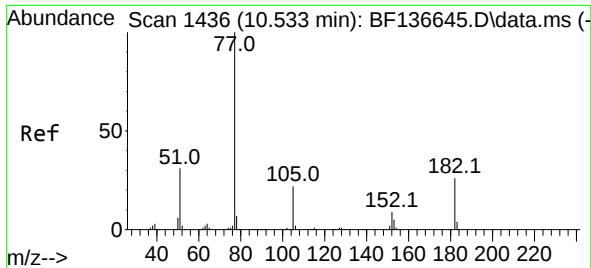
Tgt Ion:204 Resp: 147119
Ion Ratio Lower Upper
204 100
206 31.2 25.6 38.4
141 55.4 48.4 72.6



#62
4-Nitroaniline
Concen: 32.207 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt Ion:138 Resp: 56666
Ion Ratio Lower Upper
138 100
92 49.2 32.1 72.1
108 64.1 50.1 90.1

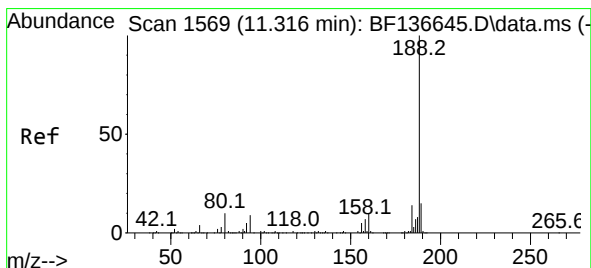
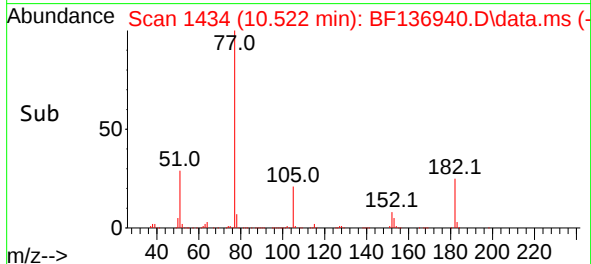
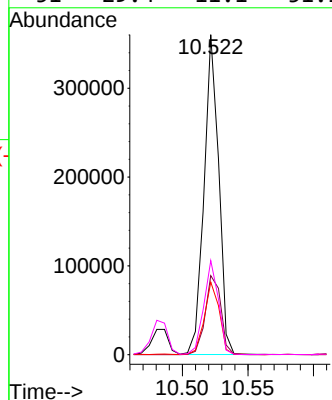
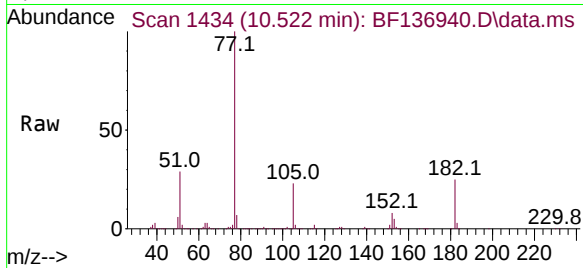




#63
Azobenzene
Concen: 38.143 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

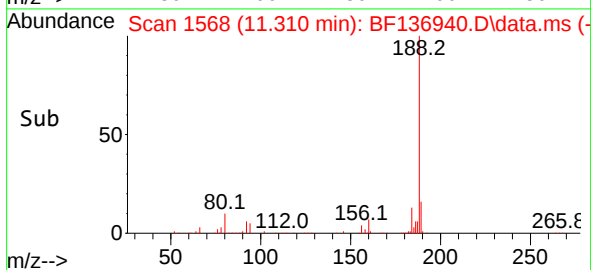
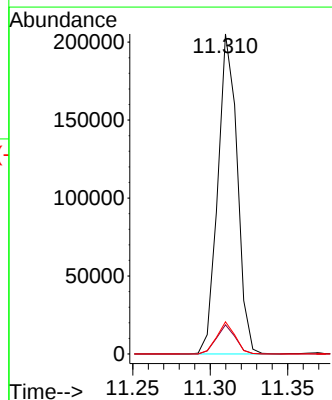
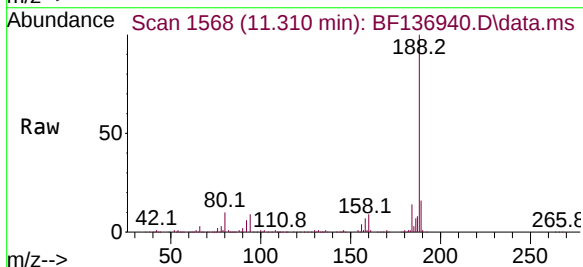
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

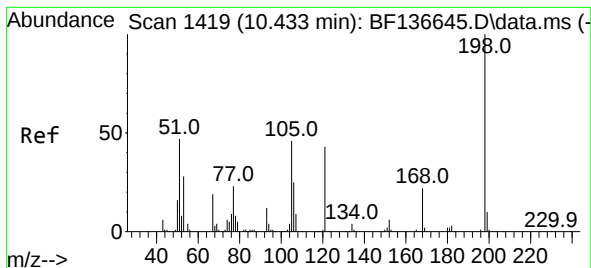
Tgt Ion: 77	Resp: 280612
Ion Ratio	Lower Upper
77 100	
182 24.7	6.0 46.0
105 22.7	2.3 42.3
51 29.4	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt Ion:188	Resp: 178803		
Ion Ratio	Lower	Upper	
188 100			
94 9.1	7.5	11.3	
80 10.1	8.1	12.1	

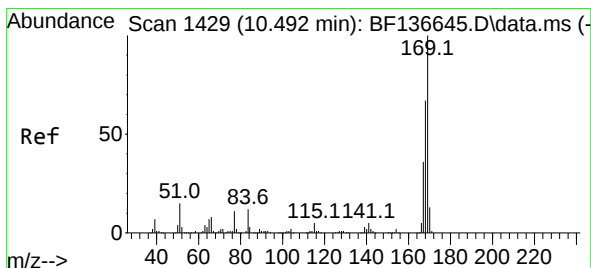
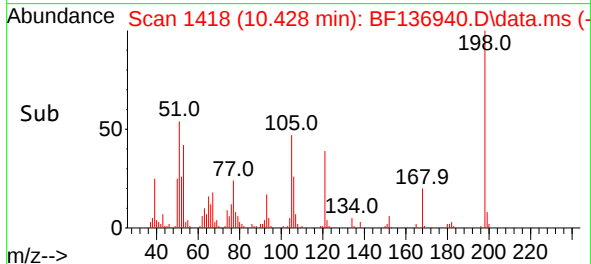
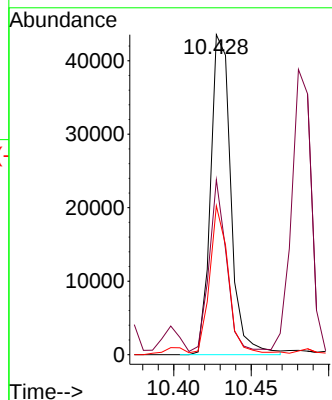
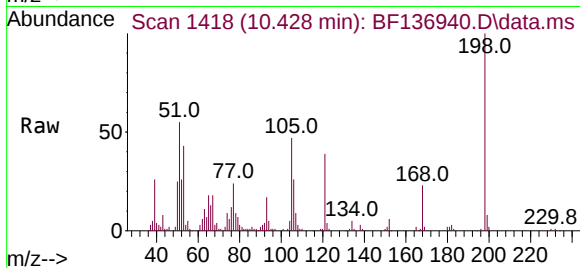




#65
4,6-Dinitro-2-methylphenol
Concen: 38.638 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

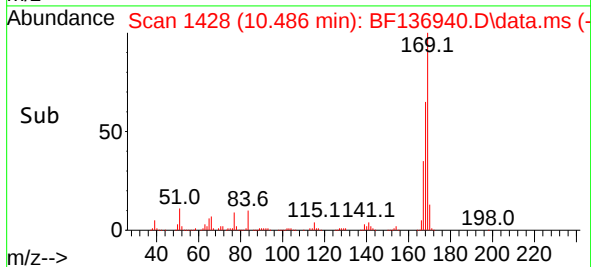
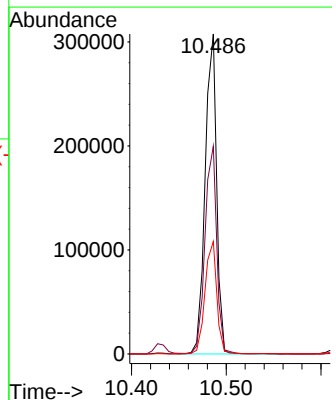
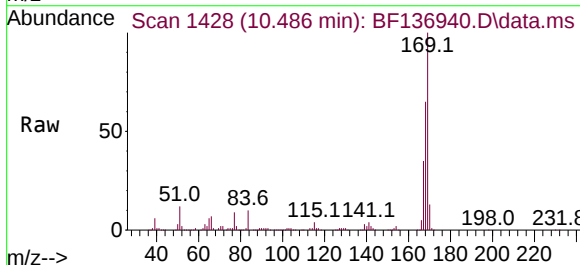
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

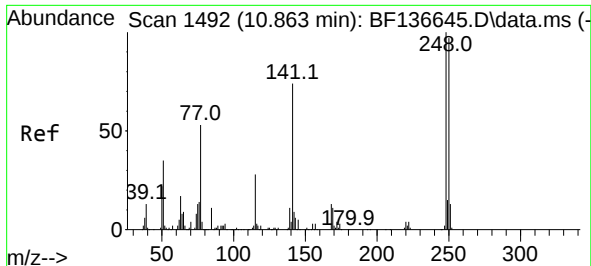
Tgt Ion:198 Resp: 39593
Ion Ratio Lower Upper
198 100
51 54.7 34.1 74.1
105 46.5 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 44.377 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

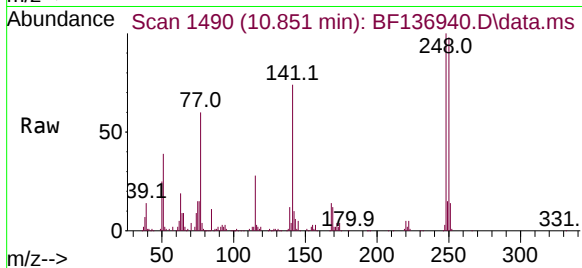
Tgt Ion:169 Resp: 257755
Ion Ratio Lower Upper
169 100
168 64.9 53.8 80.6
167 35.1 28.7 43.1



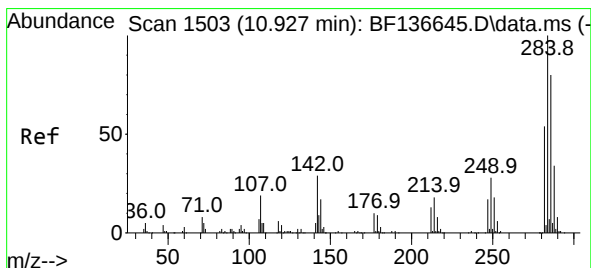
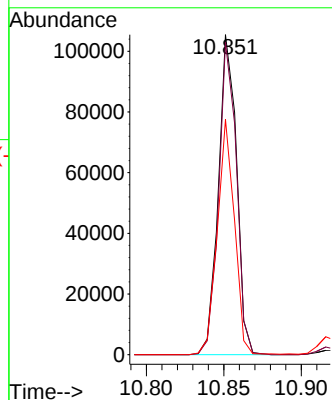
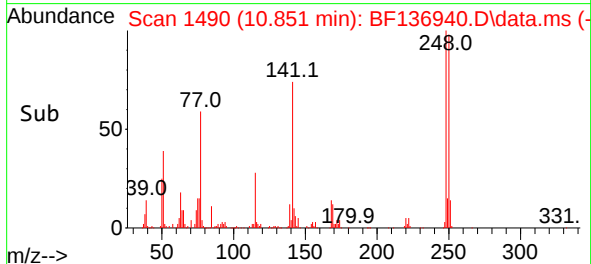


#67
4-Bromophenyl-phenylether
Concen: 43.221 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

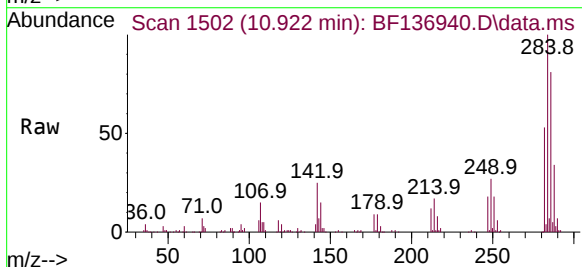
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS



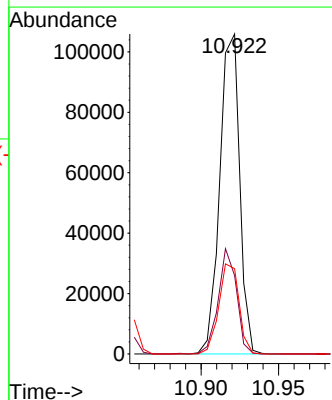
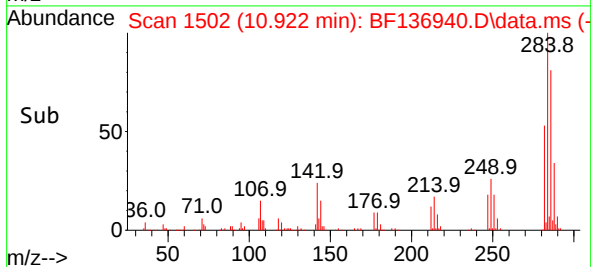
Tgt Ion:248 Resp: 85825
Ion Ratio Lower Upper
248 100
250 97.6 77.8 116.6
141 73.5 59.2 88.8

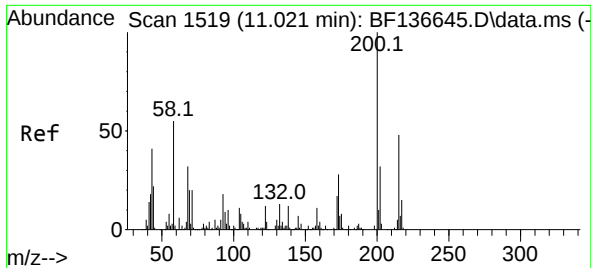


#68
Hexachlorobenzene
Concen: 42.818 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43



Tgt Ion:284 Resp: 94752
Ion Ratio Lower Upper
284 100
142 24.5 23.4 35.0
249 26.6 22.3 33.5

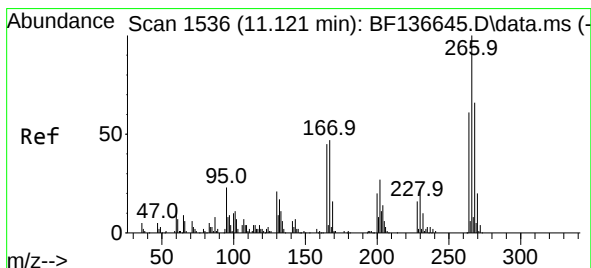
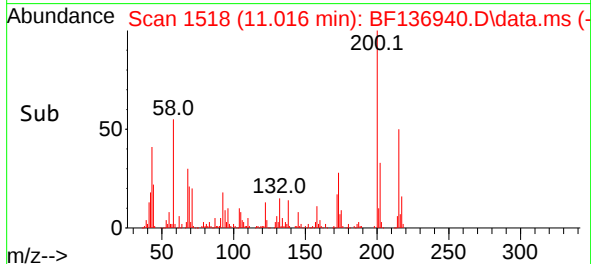
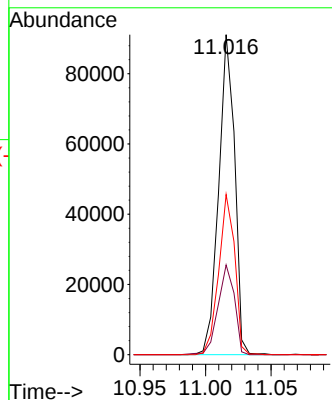
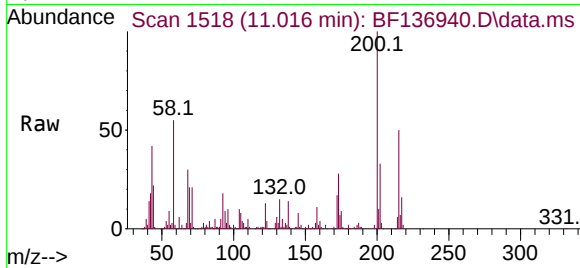




#69
 Atrazine
 Concen: 51.667 ng
 RT: 11.016 min Scan# 1518
 Delta R.T. -0.006 min
 Lab File: BF136940.D
 Acq: 04 Jan 2024 14:43

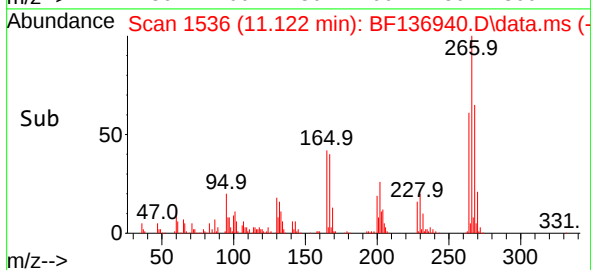
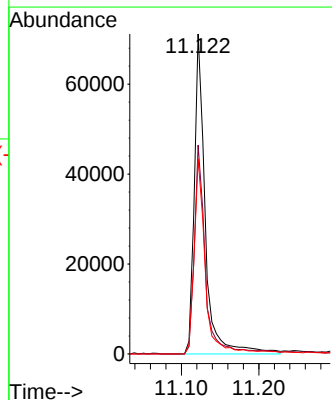
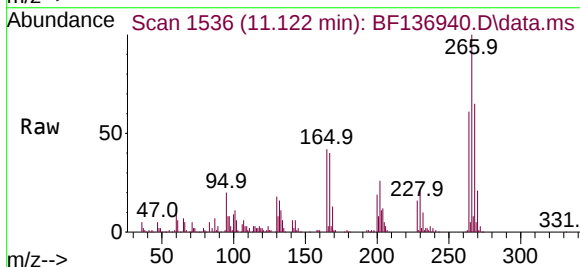
Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-36aMS

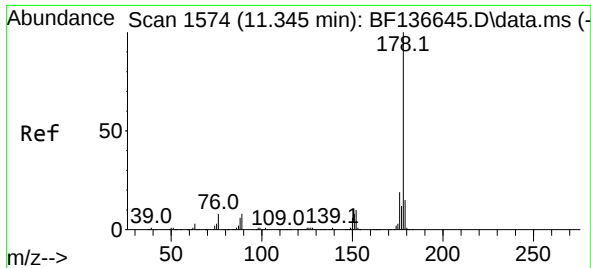
Tgt Ion:200 Resp: 76757
 Ion Ratio Lower Upper
 200 100
 173 28.1 7.6 47.6
 215 50.0 28.3 68.3



#70
 Pentachlorophenol
 Concen: 68.127 ng
 RT: 11.122 min Scan# 1536
 Delta R.T. 0.000 min
 Lab File: BF136940.D
 Acq: 04 Jan 2024 14:43

Tgt Ion:266 Resp: 70271
 Ion Ratio Lower Upper
 266 100
 268 65.3 52.6 78.8
 264 61.0 49.0 73.4

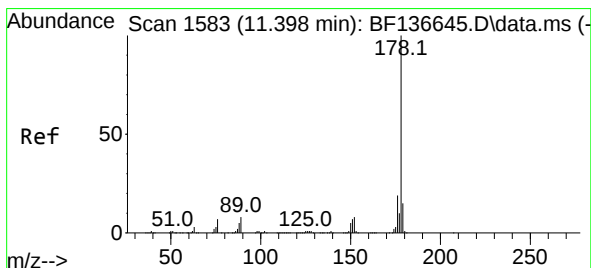
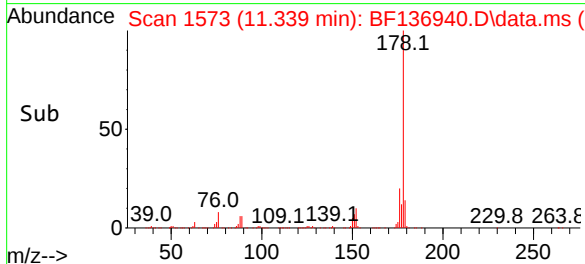
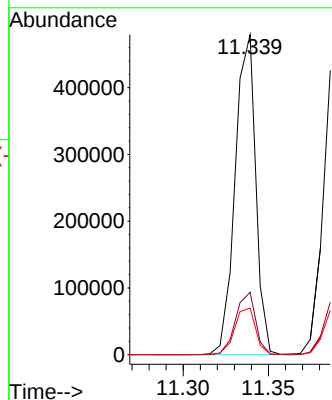
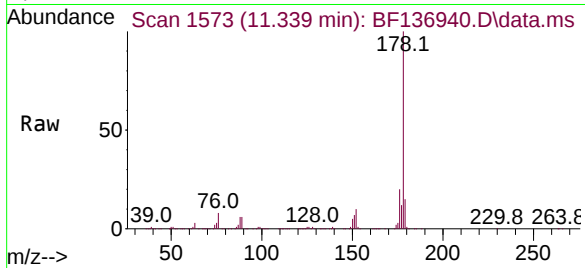




#71
Phenanthrene
Concen: 43.913 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

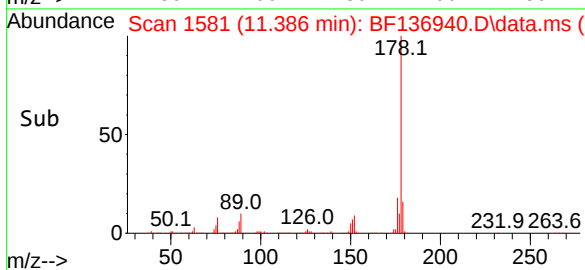
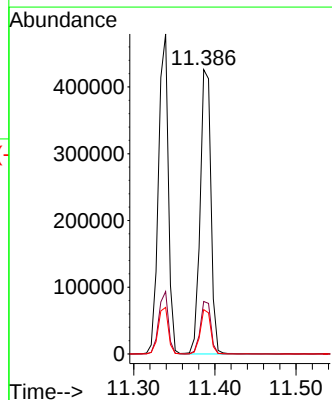
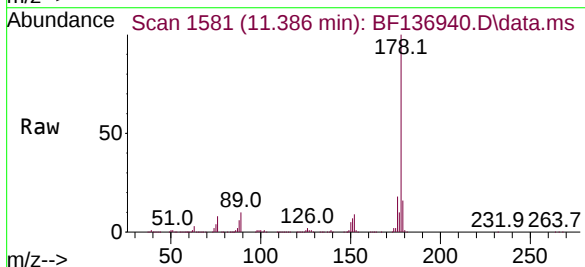
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

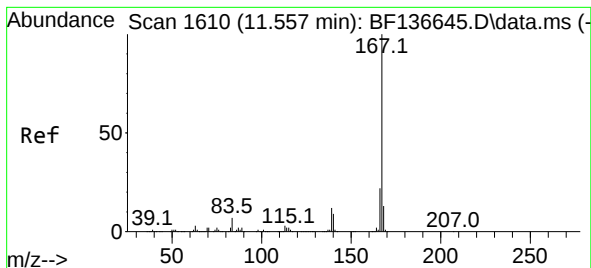
Tgt Ion:178 Resp: 402882
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 14.6 11.9 17.9



#72
Anthracene
Concen: 42.422 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt Ion:178 Resp: 394154
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.6 11.8 17.6





#73

Carbazole

Concen: 41.021 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

Instrument :

BNA_F

ClientSampleId :

GHL-SS-36aMS

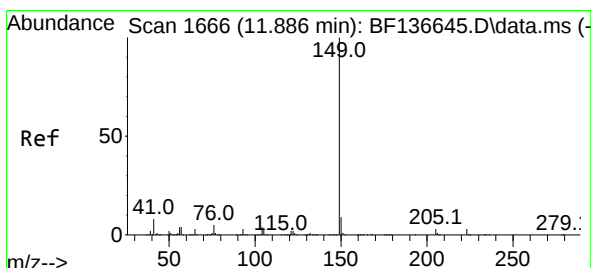
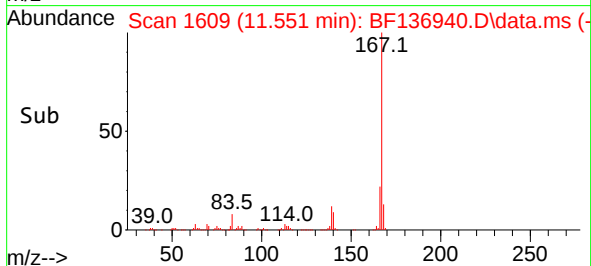
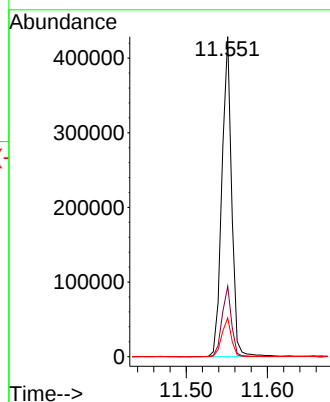
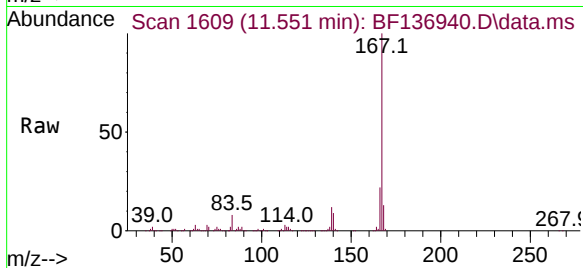
Tgt Ion:167 Resp: 359341

Ion Ratio Lower Upper

167 100

166 22.0 17.3 25.9

139 12.1 9.8 14.6



#74

Di-n-butylphthalate

Concen: 44.999 ng

RT: 11.874 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

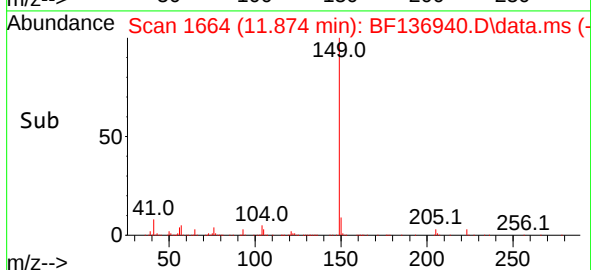
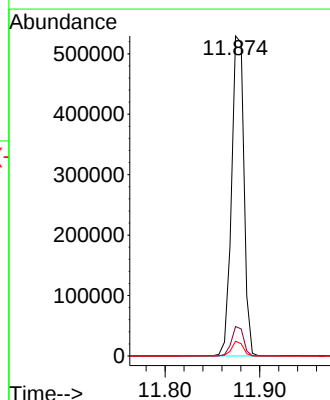
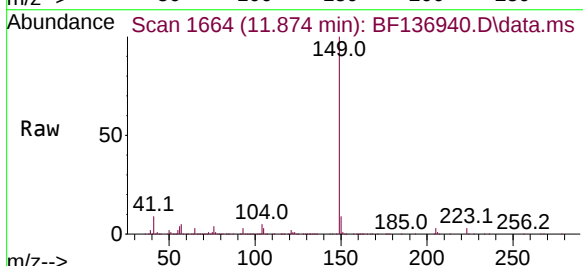
Tgt Ion:149 Resp: 481015

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.6 3.6 5.4

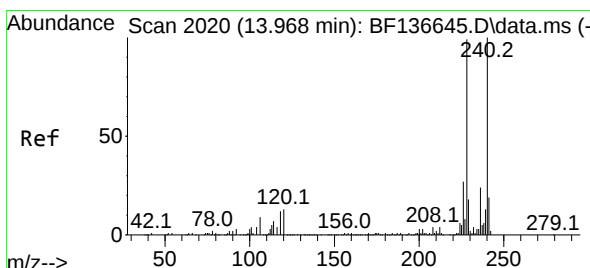
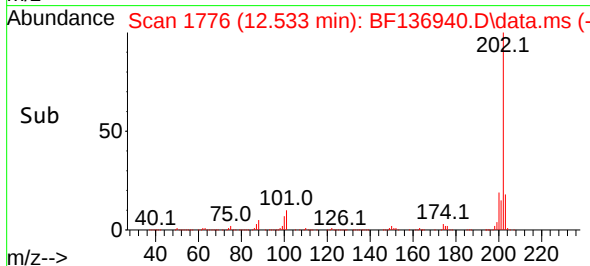
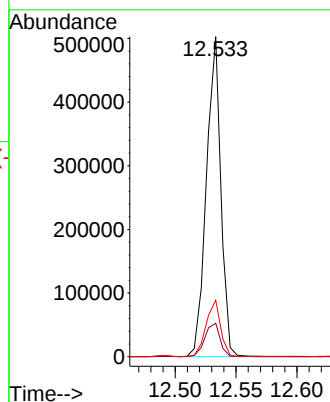
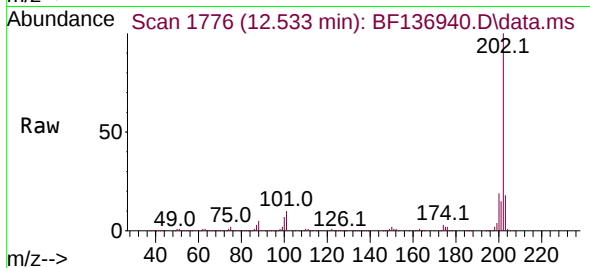




#75
Fluoranthene
Concen: 42.178 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

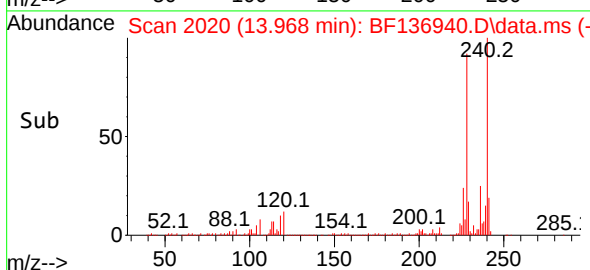
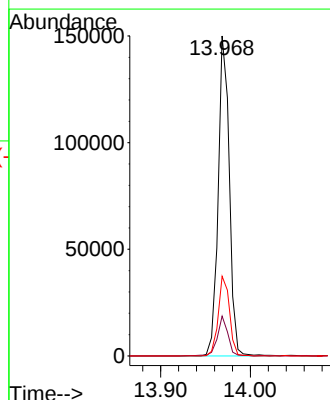
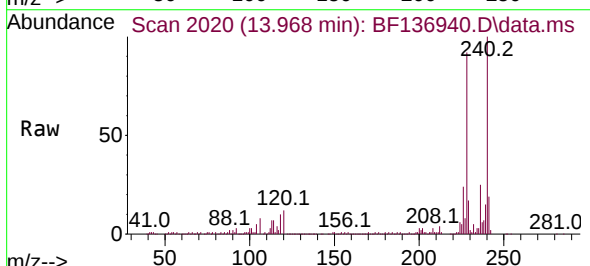
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

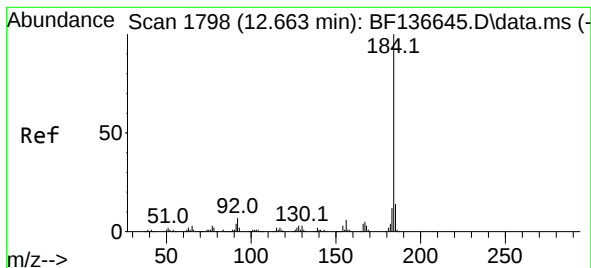
Tgt Ion:202 Resp: 413916
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.3
203 17.7 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136940.D
Acq: 04 Jan 2024 14:43

Tgt Ion:240 Resp: 129139
Ion Ratio Lower Upper
240 100
120 12.5 10.3 15.5
236 24.9 19.4 29.2





#77

Benzidine

Concen: 18.897 ng

RT: 12.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

Instrument :

BNA_F

ClientSampleId :

GHL-SS-36aMS

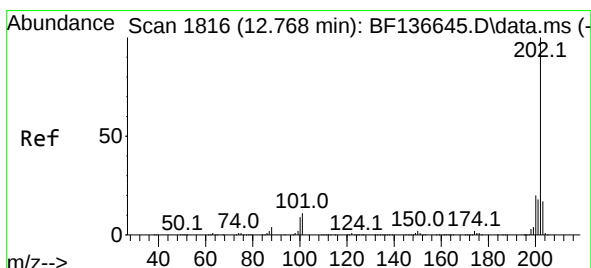
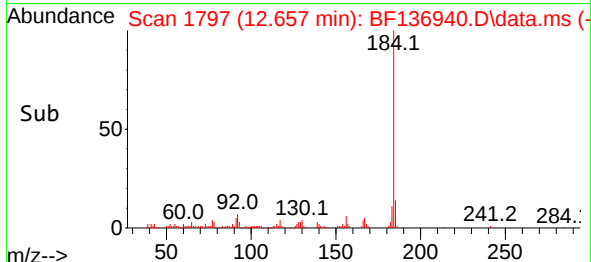
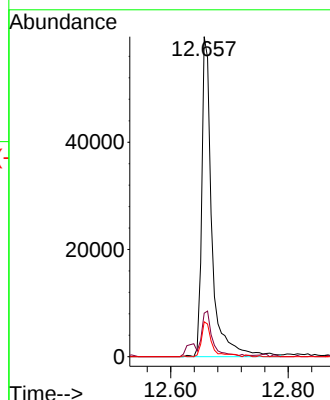
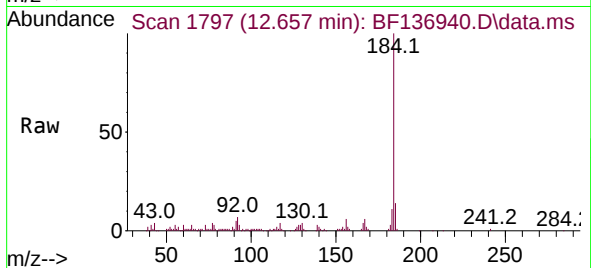
Tgt Ion:184 Resp: 71955

Ion Ratio Lower Upper

184 100

185 13.6 11.2 16.8

183 10.9 9.3 13.9



#78

Pyrene

Concen: 33.298 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

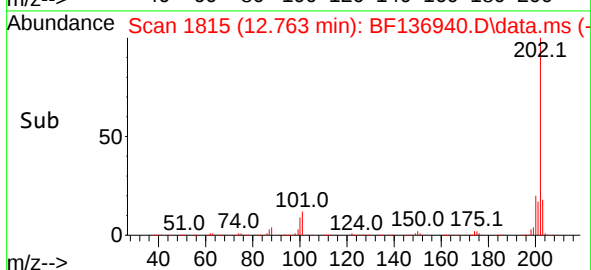
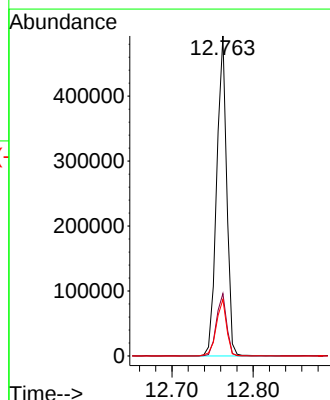
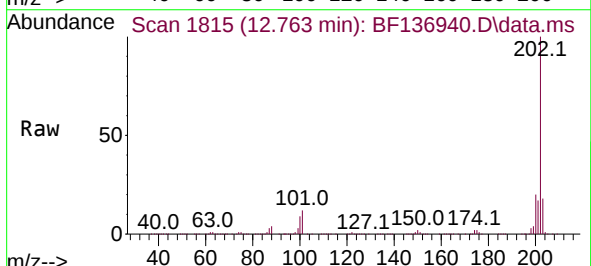
Tgt Ion:202 Resp: 422119

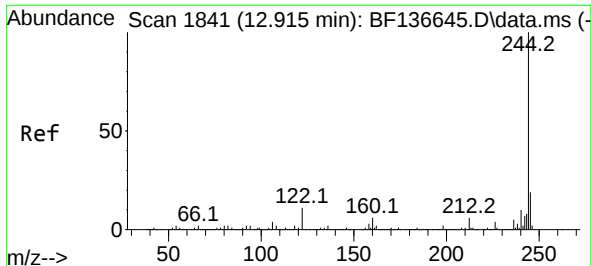
Ion Ratio Lower Upper

202 100

200 19.5 15.9 23.9

203 17.6 13.8 20.6

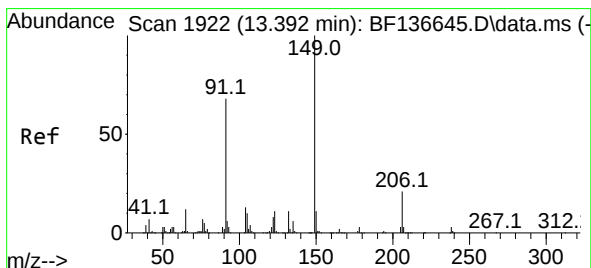
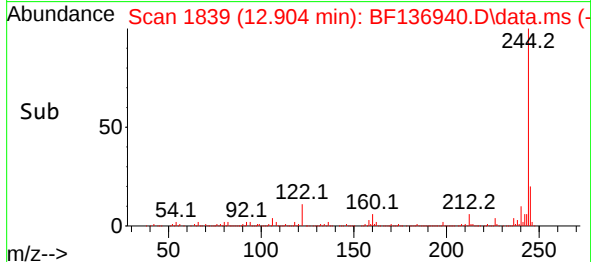
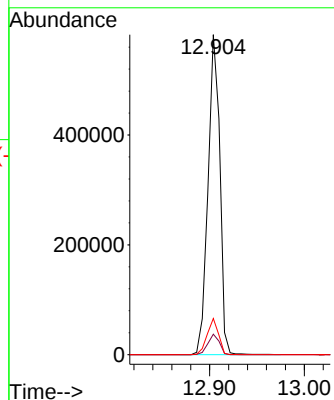
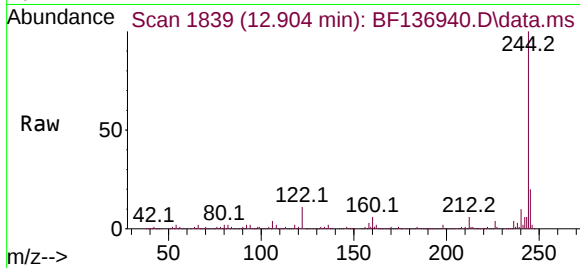




#79
 Terphenyl-d14
 Concen: 54.434 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136940.D
 Acq: 04 Jan 2024 14:43

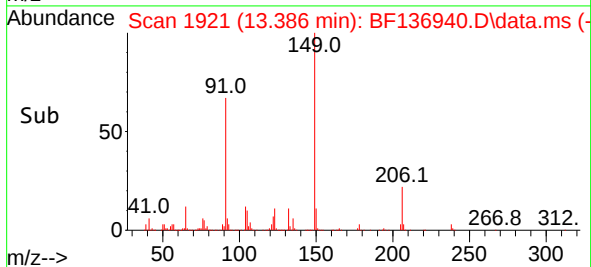
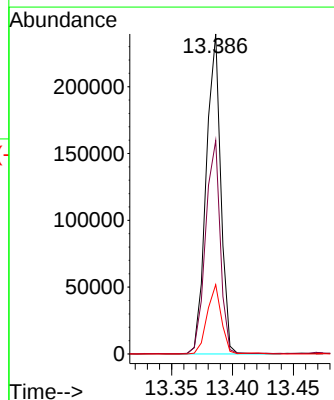
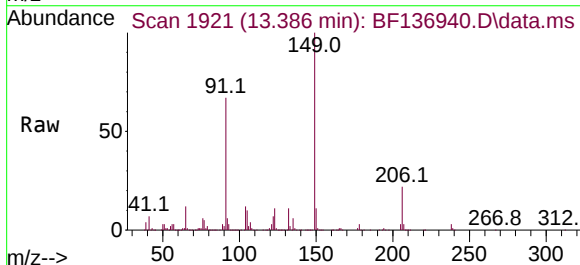
Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-36aMS

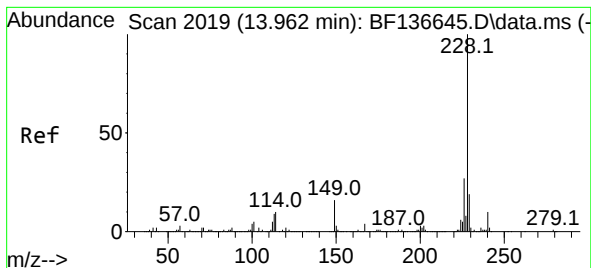
Tgt Ion:244 Resp: 503023
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 11.3 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 43.145 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136940.D
 Acq: 04 Jan 2024 14:43

Tgt Ion:149 Resp: 199022
 Ion Ratio Lower Upper
 149 100
 91 66.7 54.1 81.1
 206 21.7 17.1 25.7





#81

Benzo(a)anthracene

Concen: 43.244 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

Instrument :

BNA_F

ClientSampleId :

GHL-SS-36aMS

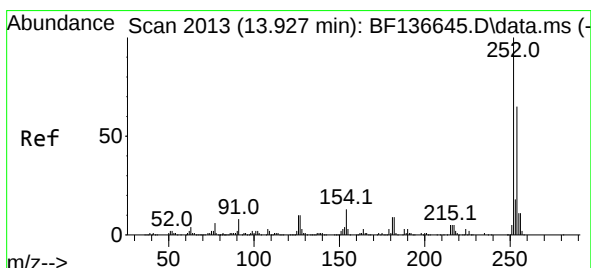
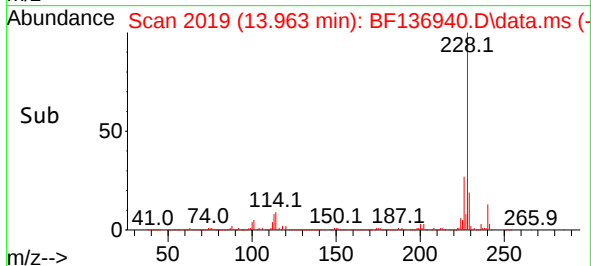
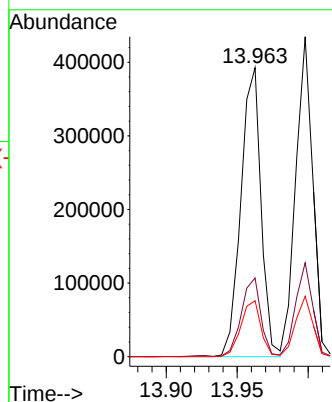
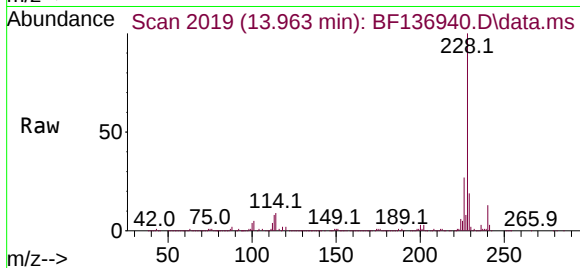
Tgt Ion:228 Resp: 387781

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.0

229 19.4 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 30.159 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

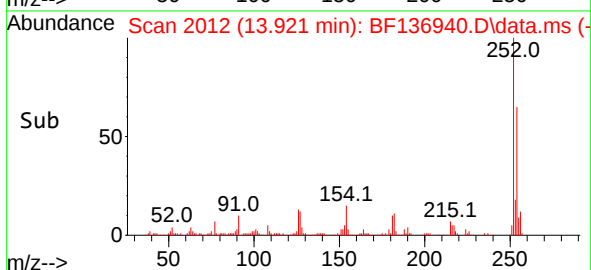
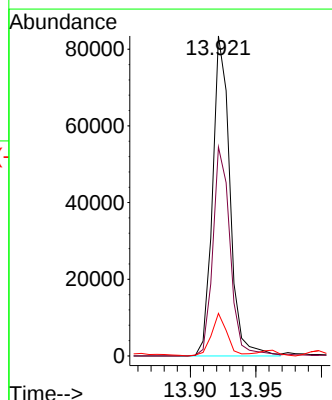
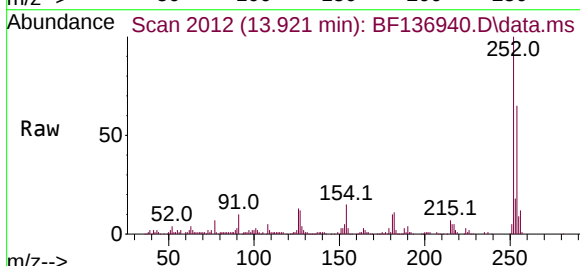
Tgt Ion:252 Resp: 76805

Ion Ratio Lower Upper

252 100

254 65.3 52.2 78.4

126 13.3 8.0 12.0#





#83

Chrysene

Concen: 41.621 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

Instrument :

BNA_F

ClientSampleId :

GHL-SS-36aMS

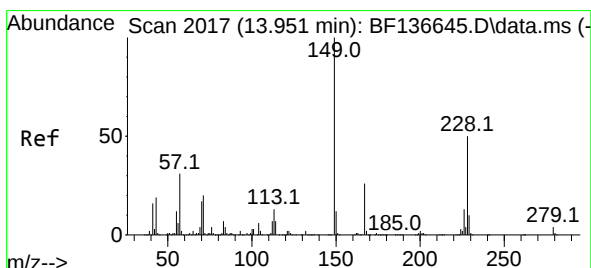
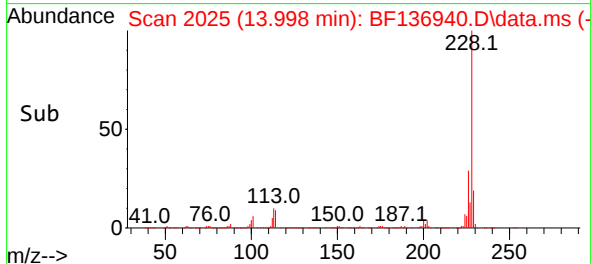
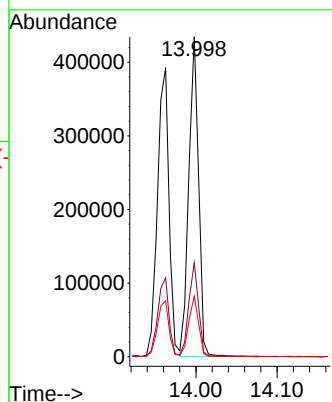
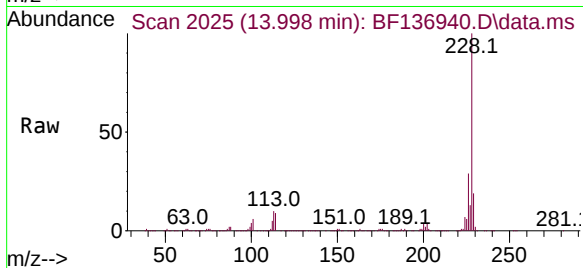
Tgt Ion:228 Resp: 364976

Ion Ratio Lower Upper

228 100

226 29.4 24.7 37.1

229 18.9 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.655 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

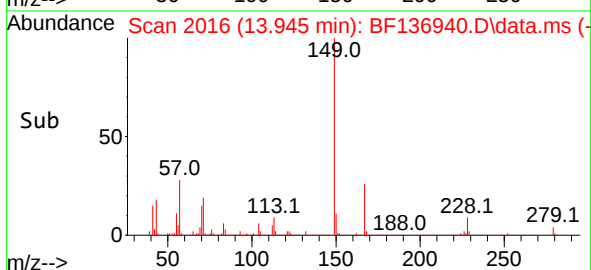
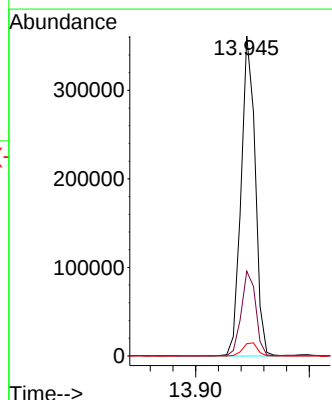
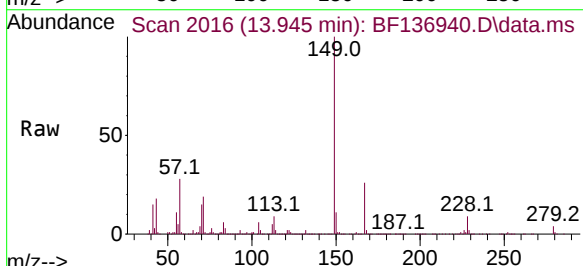
Tgt Ion:149 Resp: 311401

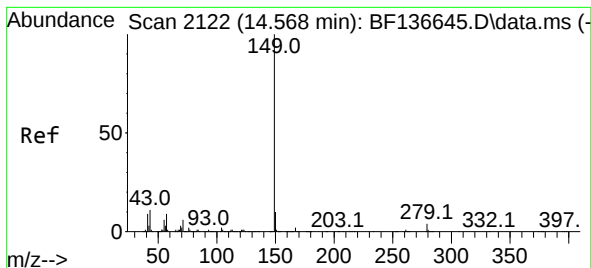
Ion Ratio Lower Upper

149 100

167 26.5 20.9 31.3

279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 63.482 ng

RT: 14.563 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

Instrument :

BNA_F

ClientSampleId :

GHL-SS-36aMS

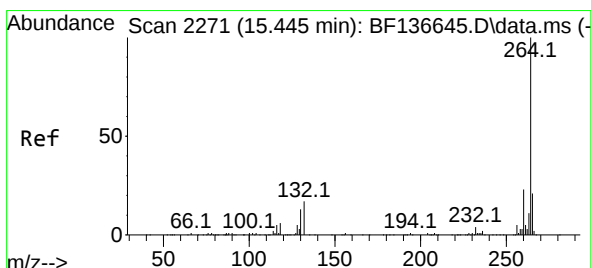
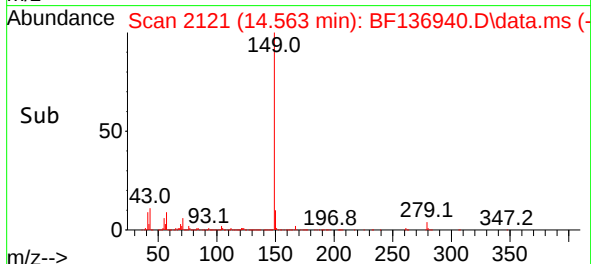
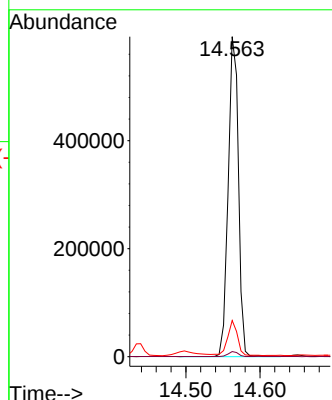
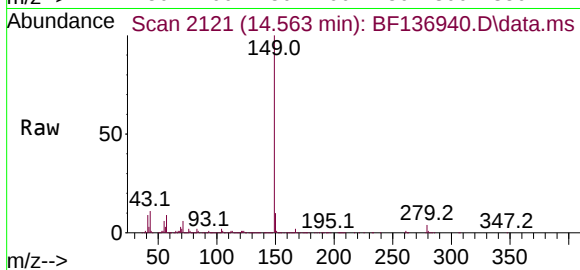
Tgt Ion:149 Resp: 569917

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.5 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: BF136940.D

Acq: 04 Jan 2024 14:43

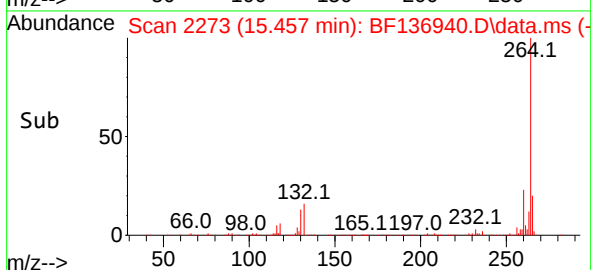
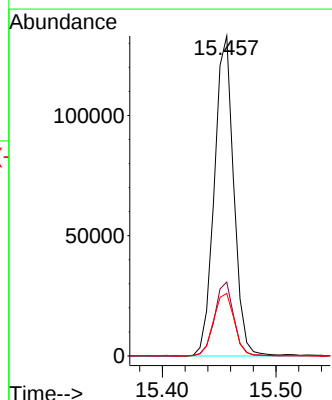
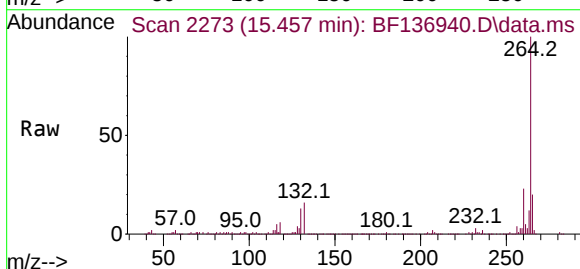
Tgt Ion:264 Resp: 157732

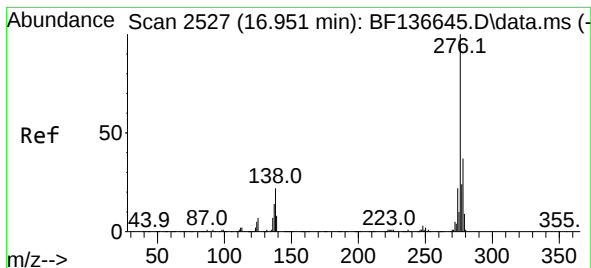
Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 19.6 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.350 ng

RT: 16.980 min Scan# 2198

Delta R.T. 0.030 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

Instrument :

BNA_F

ClientSampleId :

GHL-SS-36aMS

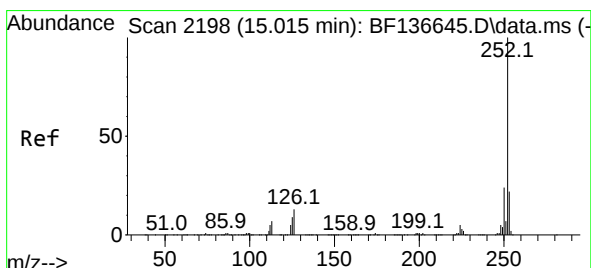
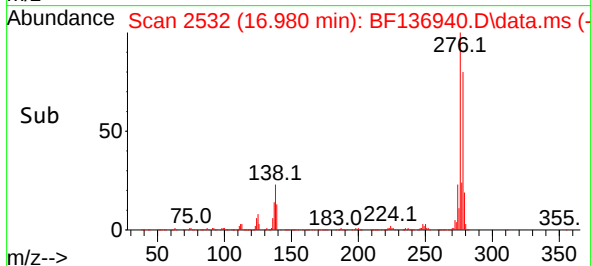
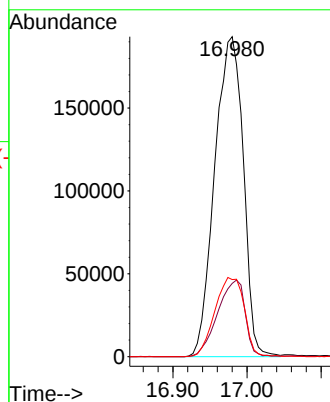
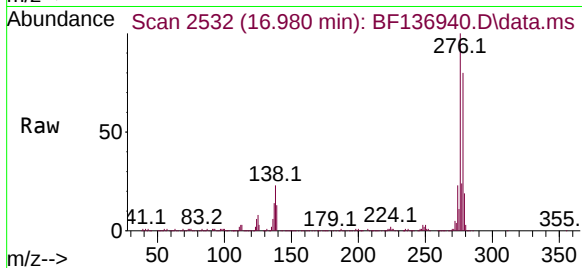
Tgt Ion:276 Resp: 516472

Ion Ratio Lower Upper

276 100

138 23.1 18.7 28.1

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 37.870 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

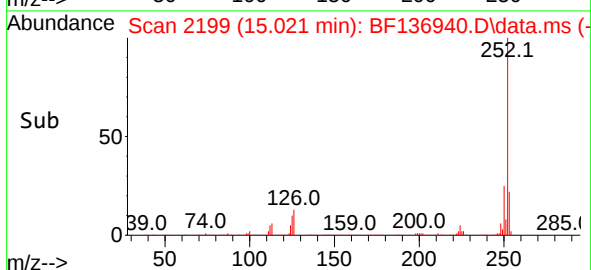
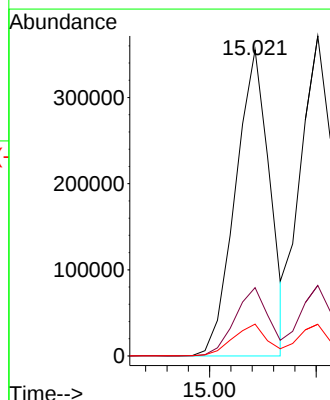
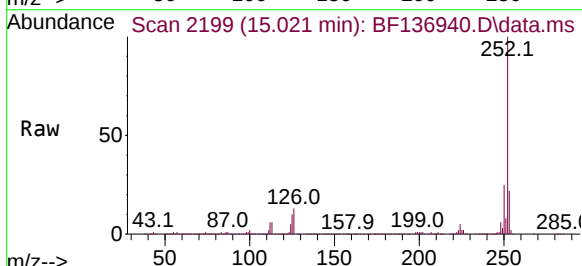
Tgt Ion:252 Resp: 398960

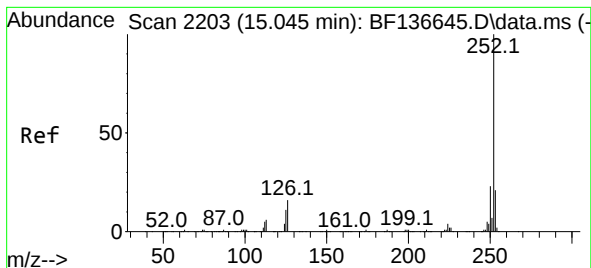
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 10.4 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 38.604 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

Instrument :

BNA_F

ClientSampleId :

GHL-SS-36aMS

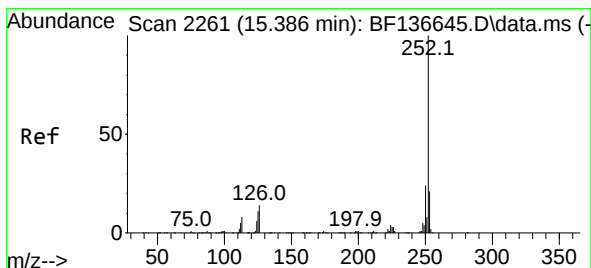
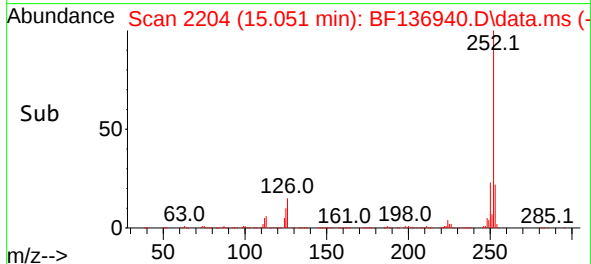
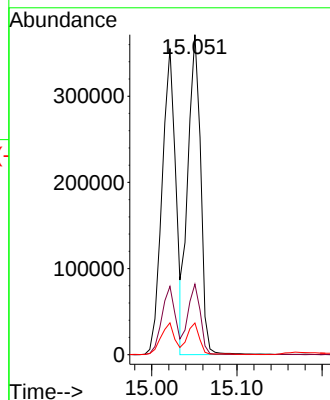
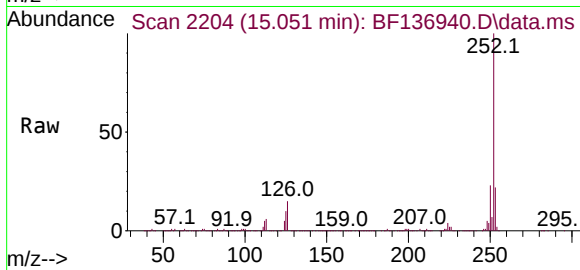
Tgt Ion:252 Resp: 384292

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 9.9 8.2 12.4



#90

Benzo(a)pyrene

Concen: 40.986 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.006 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

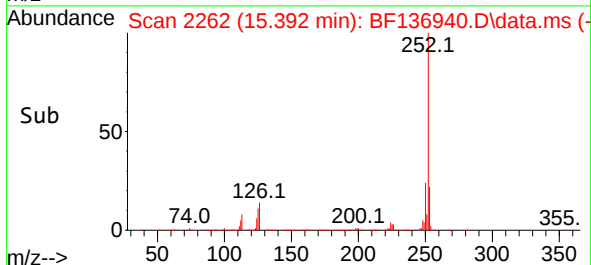
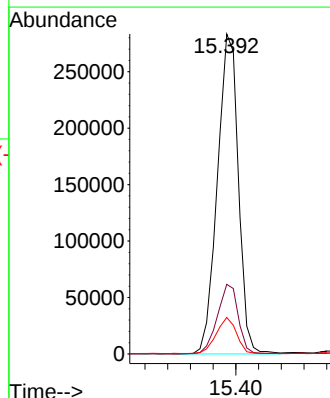
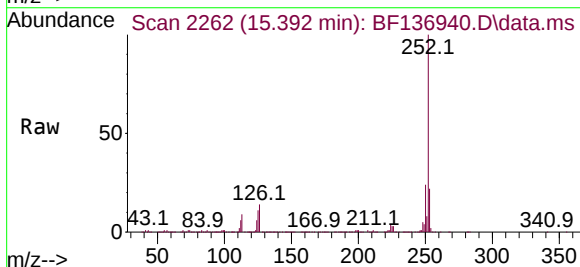
Tgt Ion:252 Resp: 364474

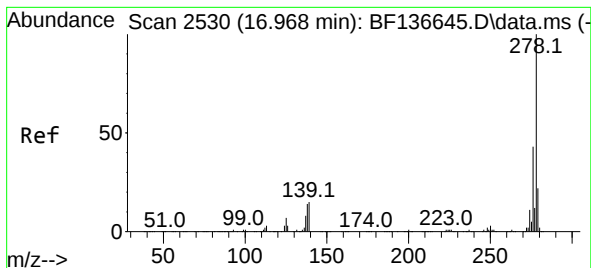
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 11.4 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 46.097 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

Instrument :

BNA_F

ClientSampleId :

GHL-SS-36aMS

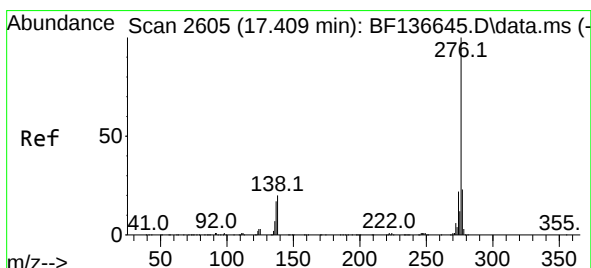
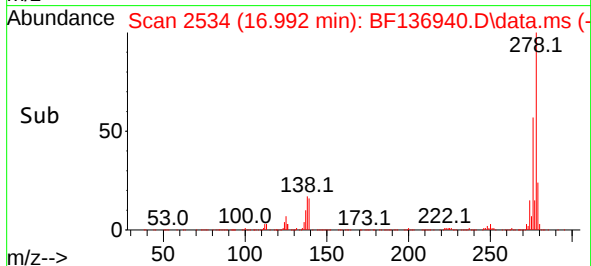
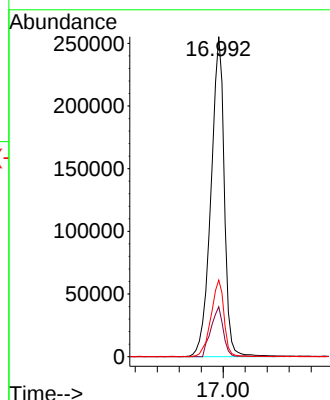
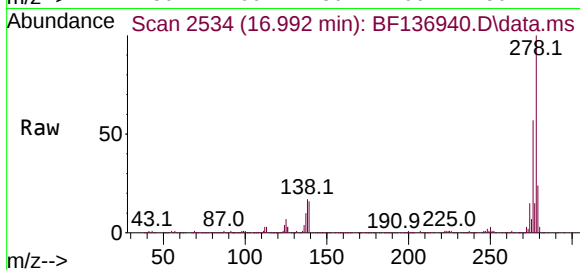
Tgt Ion:278 Resp: 430690

Ion Ratio Lower Upper

278 100

139 15.6 12.2 18.4

279 24.0 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 43.392 ng

RT: 17.439 min Scan# 2610

Delta R.T. 0.030 min

Lab File: BF136940.D

Acq: 04 Jan 2024 14:43

Tgt Ion:276 Resp: 415230

Ion Ratio Lower Upper

276 100

277 23.5 18.3 27.5

138 19.2 15.6 23.4

