

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136888.D
 Acq On : 03 Jan 2024 00:04
 Operator : CG\JU
 Sample : 05899-09MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-15-2-4MS

Quant Time: Jan 03 02:06:36 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	75986	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	291786	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	148504	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	278018	20.000	ng	0.00
76) Chrysene-d12	13.968	240	147216	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	151101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	440231	90.396	ng	0.00
7) Phenol-d6	6.434	99	554582	87.884	ng	0.00
23) Nitrobenzene-d5	7.345	82	348955	61.197	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	154085	88.101	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	680506	61.633	ng	-0.01
79) Terphenyl-d14	12.904	244	630113	59.814	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	78625	38.748	ng	96
3) Pyridine	3.387	79	178165	35.987	ng	97
4) n-Nitrosodimethylamine	3.357	42	103430	39.121	ng	96
6) Aniline	6.451	93	128709	20.401	ng	# 1
8) 2-Chlorophenol	6.575	128	227509	42.689	ng	93
9) Benzaldehyde	6.334	77	53723	14.967	ng	99
10) Phenol	6.445	94	274222	40.708	ng	94
11) bis(2-Chloroethyl)ether	6.522	93	214577	41.886	ng	98
12) 1,3-Dichlorobenzene	6.722	146	237050	40.774	ng	99
13) 1,4-Dichlorobenzene	6.798	146	236336	39.784	ng	97
14) 1,2-Dichlorobenzene	6.951	146	228295	41.300	ng	98
15) Benzyl Alcohol	6.934	79	184538	43.347	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.057	45	339666	40.554	ng	81
17) 2-Methylphenol	7.045	107	182132	41.253	ng	97
18) Hexachloroethane	7.286	117	85073	39.433	ng	95
19) n-Nitroso-di-n-propyla...	7.198	70	154669	40.433	ng	99
20) 3+4-Methylphenols	7.198	107	232571	42.165	ng	# 84
22) Acetophenone	7.192	105	319098	43.631	ng	# 91
24) Nitrobenzene	7.369	77	231614	40.548	ng	90
25) Isophorone	7.604	82	423779	40.843	ng	99
26) 2-Nitrophenol	7.681	139	119398	43.689	ng	98
27) 2,4-Dimethylphenol	7.722	122	175080	52.622	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	266575	42.267	ng	99
29) 2,4-Dichlorophenol	7.928	162	186282	43.489	ng	95
30) 1,2,4-Trichlorobenzene	7.998	180	196709	41.217	ng	98
31) Naphthalene	8.081	128	661616	41.274	ng	100
32) Benzoic acid	7.869	122	142047	44.124	ng	97
33) 4-Chloroaniline	8.145	127	20548	3.472	ng	95
34) Hexachlorobutadiene	8.192	225	114707	39.559	ng	98
35) Caprolactam	8.516	113	48301	34.181	ng	97
36) 4-Chloro-3-methylphenol	8.633	107	202657	42.026	ng	99
37) 2-Methylnaphthalene	8.775	142	421916	40.898	ng	99
38) 1-Methylnaphthalene	8.875	142	400573	39.577	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	206159	44.826	ng	99
41) Hexachlorocyclopentadiene	8.922	237	151705	102.018	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	130931	44.391	ng	97

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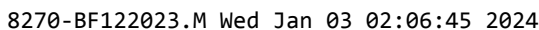
Instrument :
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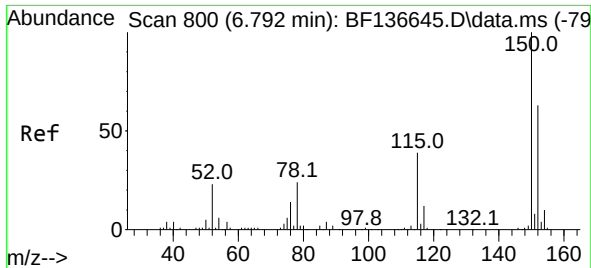
Quant Time: Jan 03 02:06:36 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	139768	42.524	ng	95
46) 1,1'-Biphenyl	9.239	154	549097	44.063	ng	99
47) 2-Chloronaphthalene	9.263	162	400083	42.231	ng	99
48) 2-Nitroaniline	9.369	65	121063	40.808	ng	93
49) Acenaphthylene	9.680	152	663761	45.839	ng	100
50) Dimethylphthalate	9.545	163	472851	43.592	ng	100
51) 2,6-Dinitrotoluene	9.610	165	102597	41.676	ng	90
52) Acenaphthene	9.851	154	374599	41.733	ng	99
53) 3-Nitroaniline	9.780	138	56302	21.590	ng	92
54) 2,4-Dinitrophenol	9.892	184	89053	65.959	ng	# 85
55) Dibenzofuran	10.027	168	575376	42.287	ng	99
56) 4-Nitrophenol	9.963	139	127018	72.153	ng	99
57) 2,4-Dinitrotoluene	10.022	165	131703	41.211	ng	95
58) Fluorene	10.369	166	459416	42.553	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.151	232	115505	45.652	ng	97
60) Diethylphthalate	10.245	149	473197	42.045	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	217105	41.372	ng	94
62) 4-Nitroaniline	10.404	138	96544	38.403	ng	91
63) Azobenzene	10.522	77	432795	41.172	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	61831	38.806	ng	97
66) n-Nitrosodiphenylamine	10.486	169	408737	45.258	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	132242	42.830	ng	98
68) Hexachlorobenzene	10.916	284	147731	42.935	ng	95
69) Atrazine	11.016	200	127302	55.111	ng	99
70) Pentachlorophenol	11.122	266	117729	73.405	ng	98
71) Phenanthrene	11.333	178	638446	44.755	ng	99
72) Anthracene	11.386	178	635485	43.988	ng	99
73) Carbazole	11.545	167	571944	41.990	ng	99
74) Di-n-butylphthalate	11.874	149	747605	44.980	ng	99
75) Fluoranthene	12.527	202	621290	40.716	ng	97
77) Benzidine	12.657	184	85388	19.671	ng	98
78) Pyrene	12.757	202	607793	42.057	ng	99
80) Butylbenzylphthalate	13.380	149	250429	47.623	ng	96
81) Benzo(a)anthracene	13.957	228	457380	44.742	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	103841	35.769	ng	99
83) Chrysene	13.992	228	425878	42.602	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	333795	50.451	ng	98
85) Di-n-octyl phthalate	14.562	149	519836	50.793	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	457286	41.916	ng	100
88) Benzo(b)fluoranthene	15.009	252	431590	42.765	ng	98
89) Benzo(k)fluoranthene	15.039	252	370344	38.836	ng	98
90) Benzo(a)pyrene	15.380	252	363547	42.676	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	366495	40.948	ng	98
92) Benzo(g,h,i)perylene	17.409	276	358774	39.137	ng	99

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

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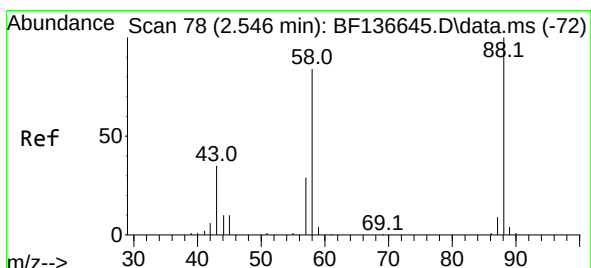
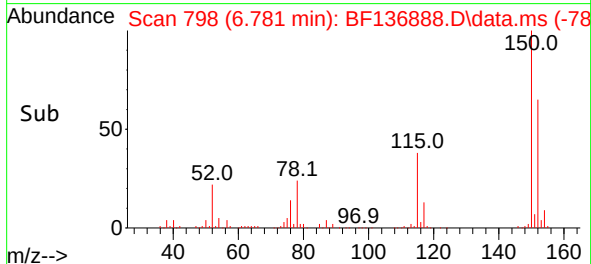
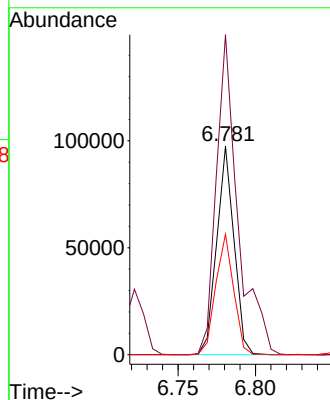
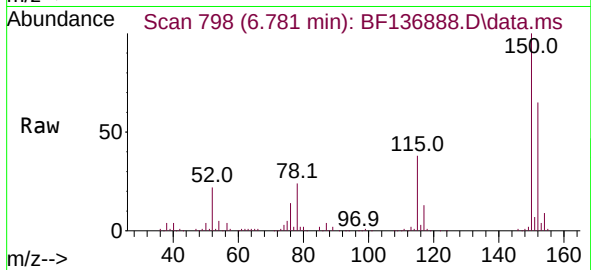




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136888.D
 Acq: 03 Jan 2024 00:04

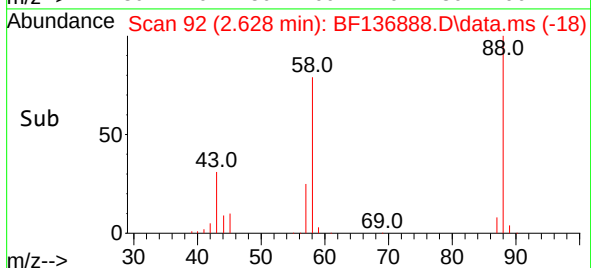
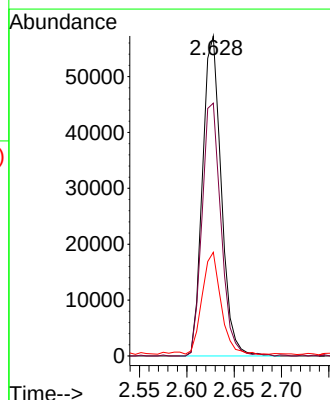
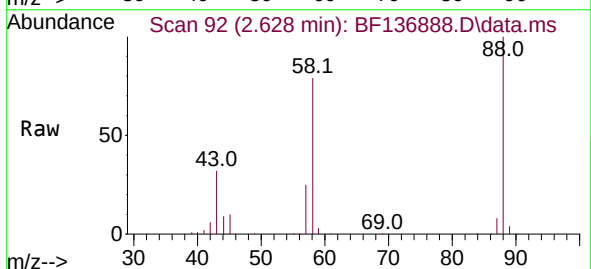
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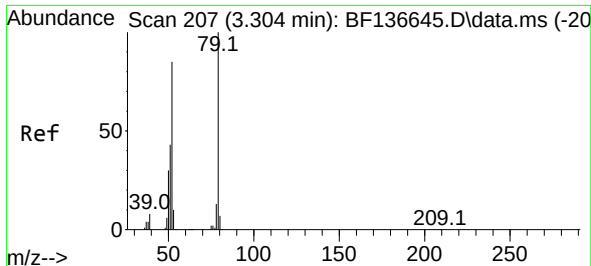
Tgt Ion:152 Resp: 75986
 Ion Ratio Lower Upper
 152 100
 150 153.4 127.0 190.6
 115 57.7 49.0 73.4



#2
 1,4-Dioxane
 Concen: 38.748 ng
 RT: 2.628 min Scan# 92
 Delta R.T. 0.082 min
 Lab File: BF136888.D
 Acq: 03 Jan 2024 00:04

Tgt Ion: 88 Resp: 78625
 Ion Ratio Lower Upper
 88 100
 58 80.1 67.4 101.0
 43 32.6 27.7 41.5

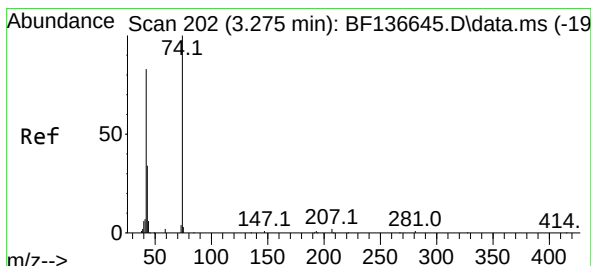
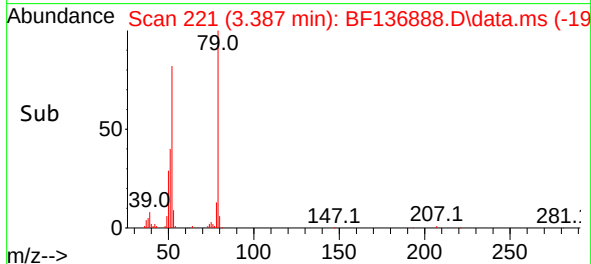
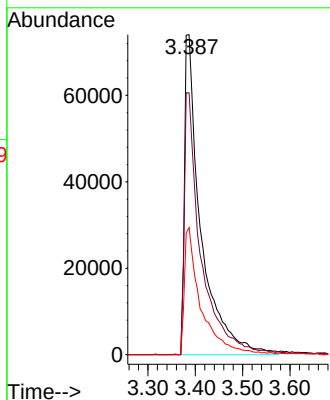
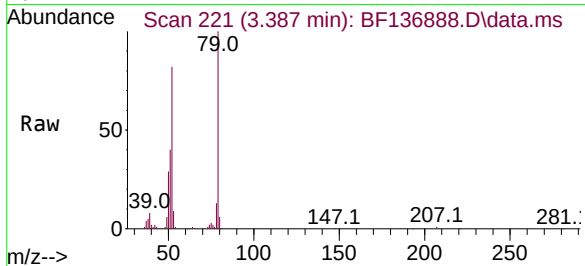




#3
Pyridine
Concen: 35.987 ng
RT: 3.387 min Scan# 216
Delta R.T. 0.082 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

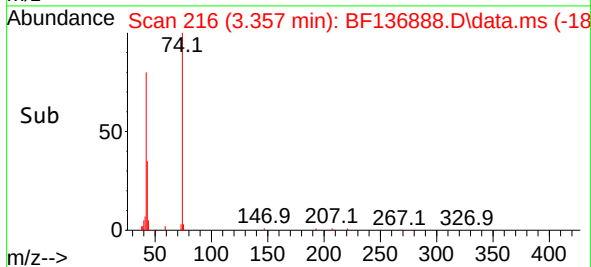
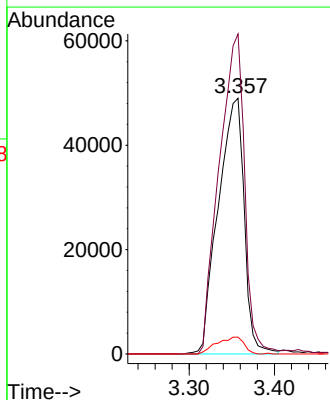
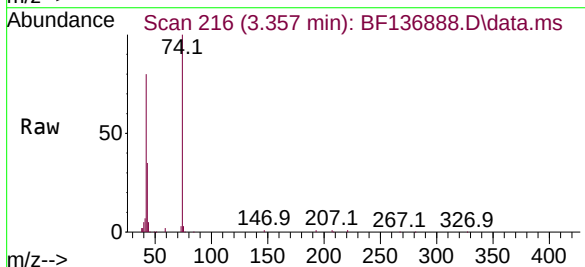
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

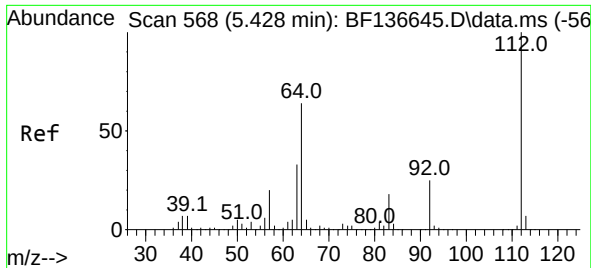
Tgt Ion: 79 Resp: 178165
Ion Ratio Lower Upper
79 100
52 81.8 67.7 101.5
51 39.7 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 39.121 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.082 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion: 42 Resp: 103430
Ion Ratio Lower Upper
42 100
74 125.1 96.0 144.0
44 6.6 5.4 8.2

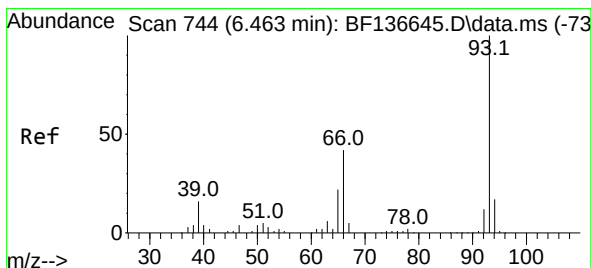
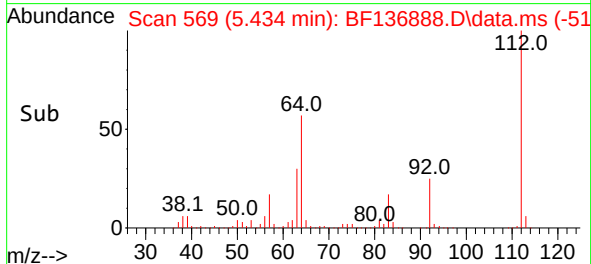
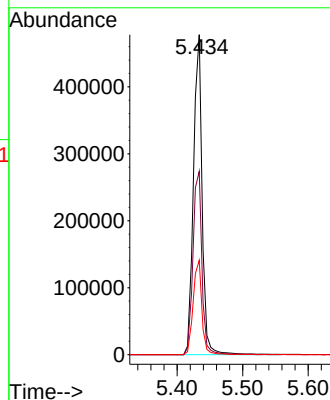
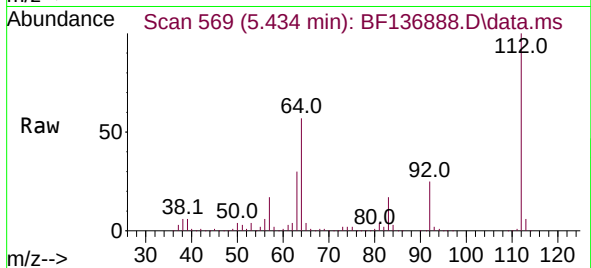




#5
2-Fluorophenol
Concen: 90.396 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

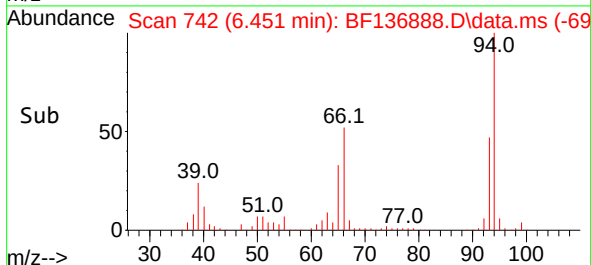
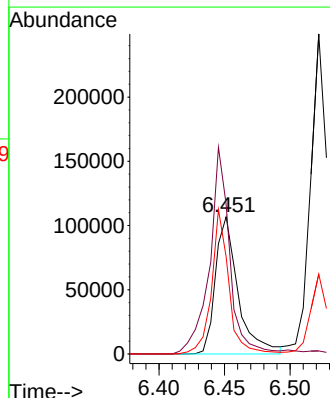
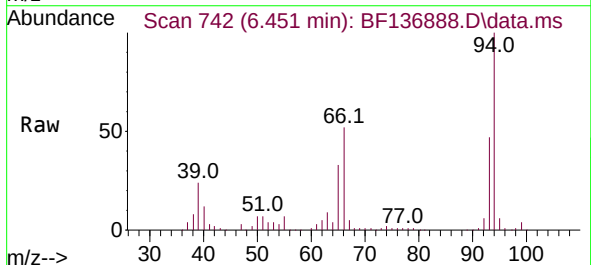
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ClientSampleId :
GHL-SS-15-2-4MS

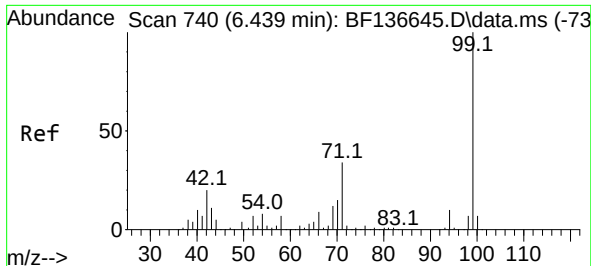
Tgt Ion:112 Resp: 440231
Ion Ratio Lower Upper
112 100
64 57.3 51.1 76.7
63 29.5 26.1 39.1



#6
Aniline
Concen: 20.401 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion: 93 Resp: 128709
Ion Ratio Lower Upper
93 100
66 109.3 34.6 51.8#
65 70.9 17.8 26.8#

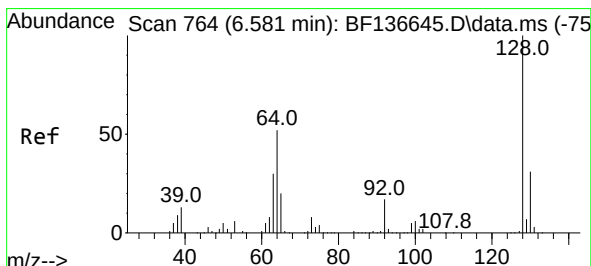
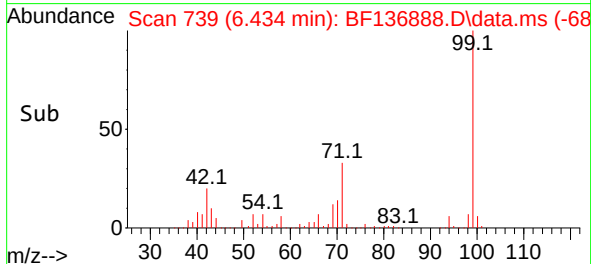
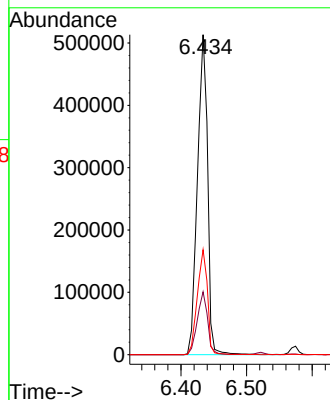
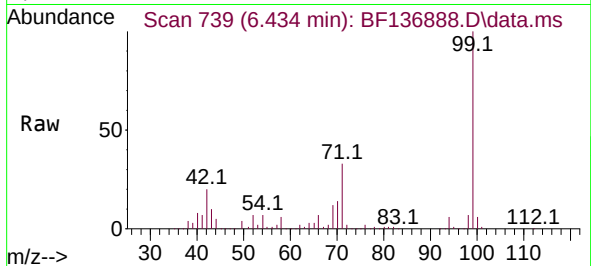




#7
Phenol-d6
Concen: 87.884 ng
RT: 6.434 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

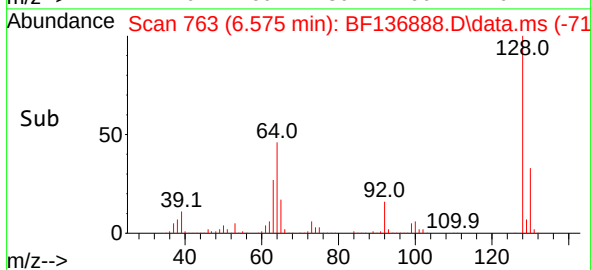
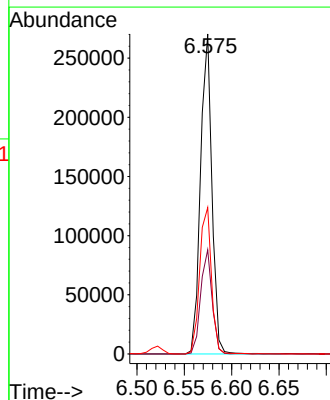
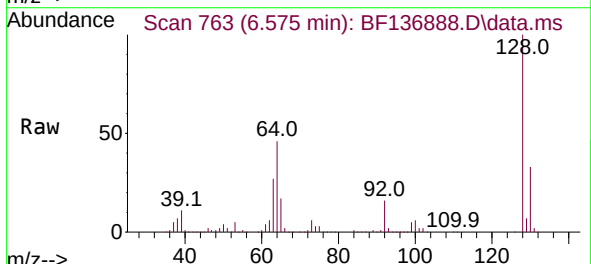
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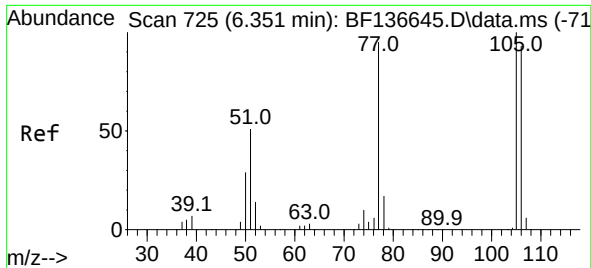
Tgt Ion: 99 Resp: 554582
Ion Ratio Lower Upper
99 100
42 19.7 16.1 24.1
71 32.8 27.4 41.2



#8
2-Chlorophenol
Concen: 42.689 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion:128 Resp: 227509
Ion Ratio Lower Upper
128 100
130 32.6 11.3 51.3
64 45.7 32.5 72.5

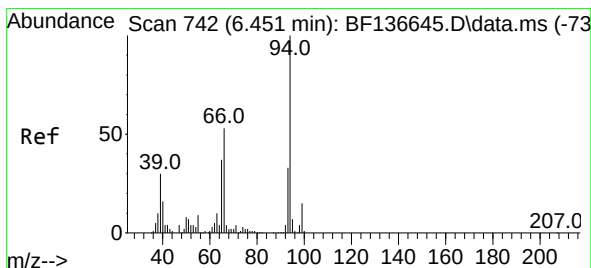
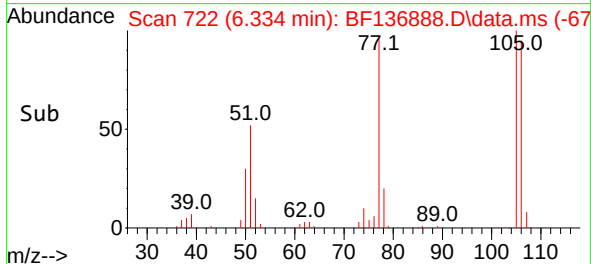
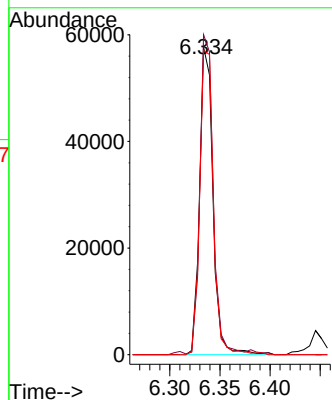
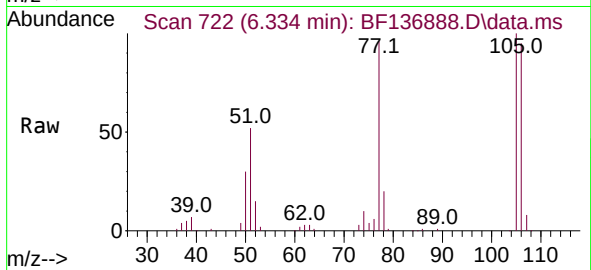




#9
Benzaldehyde
Concen: 14.967 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

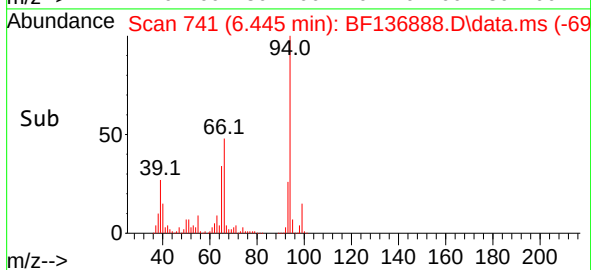
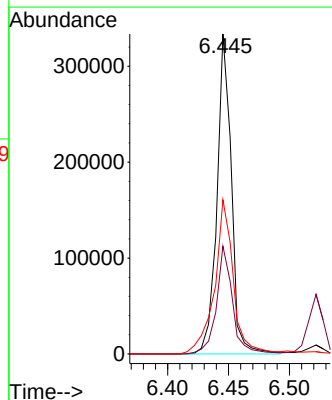
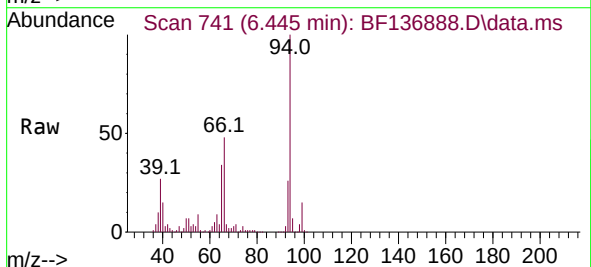
Instrument :
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ClientSampleId :
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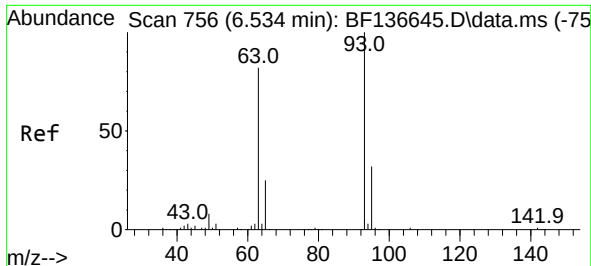
Tgt Ion: 77 Resp: 53723
Ion Ratio Lower Upper
77 100
105 103.9 84.8 124.8
106 98.8 77.8 117.8



#10
Phenol
Concen: 40.708 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion: 94 Resp: 274222
Ion Ratio Lower Upper
94 100
65 33.7 16.6 56.6
66 48.2 32.6 72.6

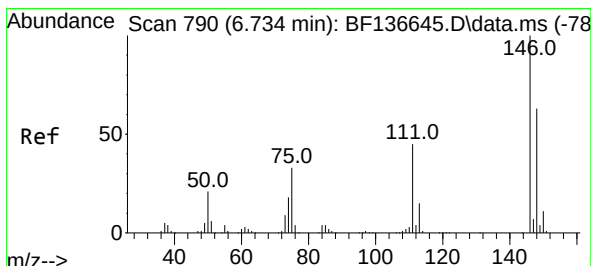
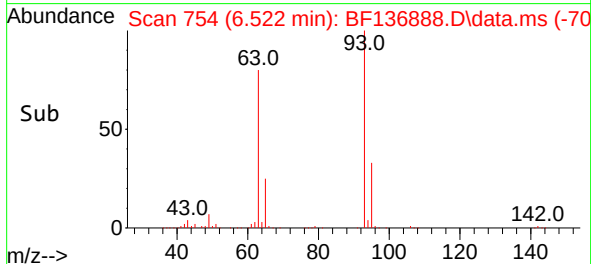
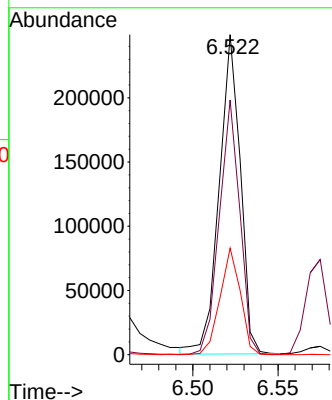
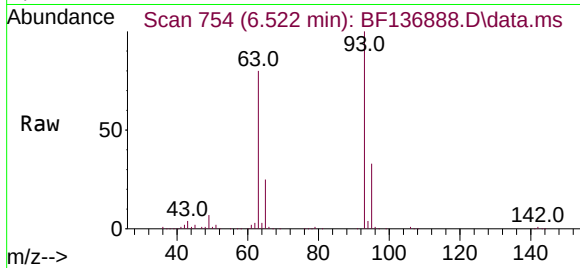




#11
bis(2-Chloroethyl)ether
Concen: 41.886 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

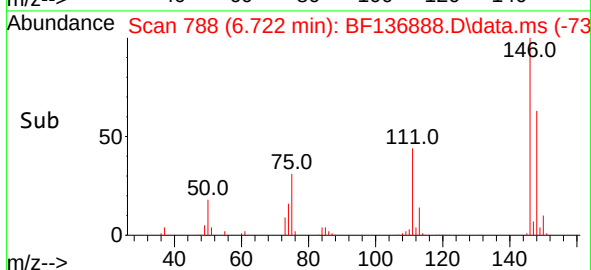
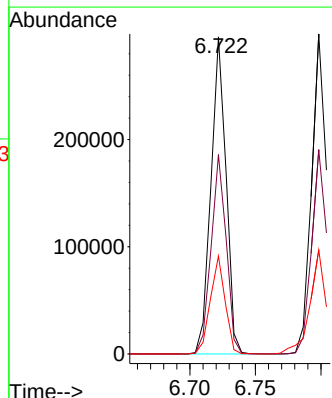
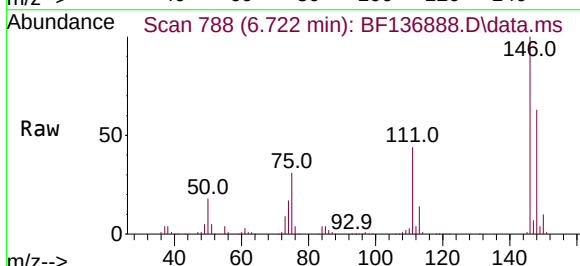
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

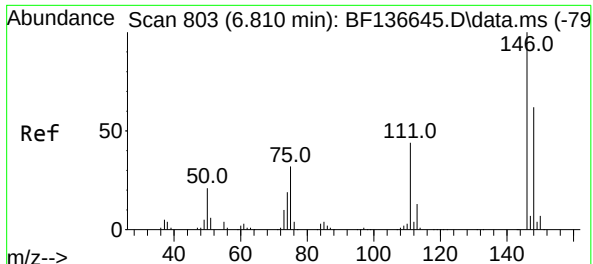
Tgt Ion: 93 Resp: 214577
Ion Ratio Lower Upper
93 100
63 79.6 61.2 101.2
95 33.3 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 40.774 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion: 146 Resp: 237050
Ion Ratio Lower Upper
146 100
148 62.9 50.5 75.7
75 30.9 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 39.784 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MS

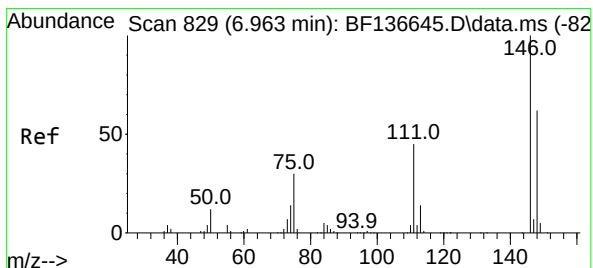
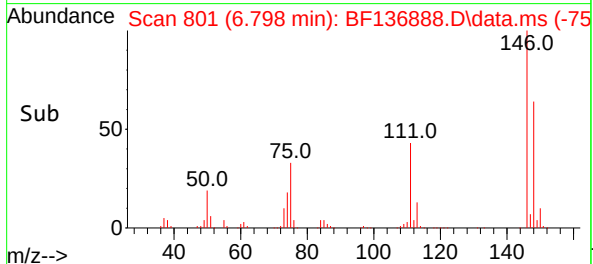
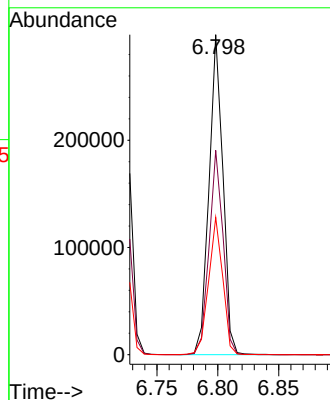
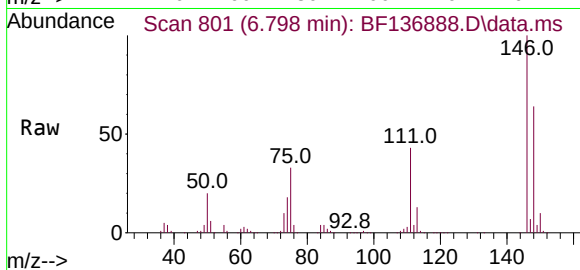
Tgt Ion:146 Resp: 236336

Ion Ratio Lower Upper

146 100

148 63.9 49.2 73.8

111 42.9 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 41.300 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

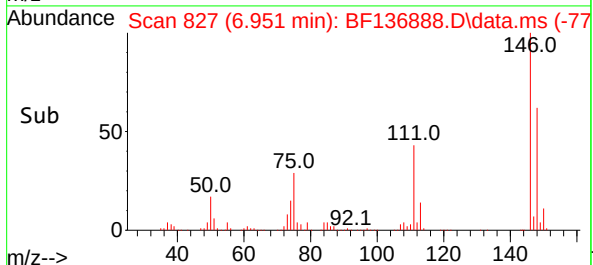
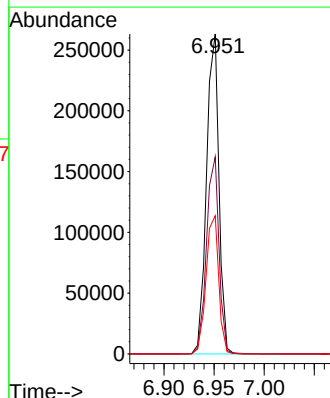
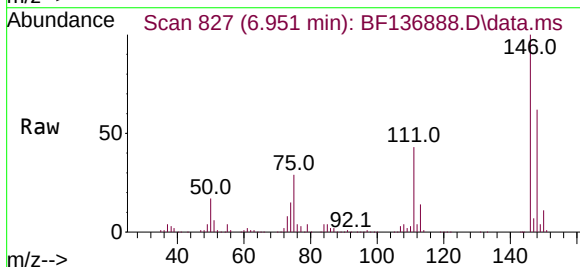
Tgt Ion:146 Resp: 228295

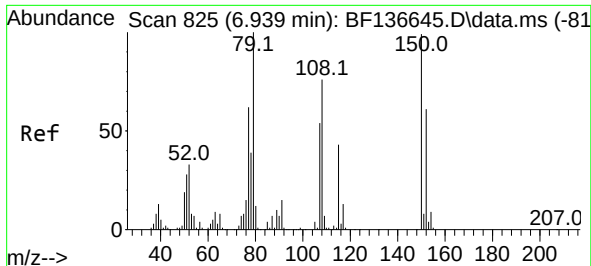
Ion Ratio Lower Upper

146 100

148 61.6 49.6 74.4

111 43.2 36.2 54.2

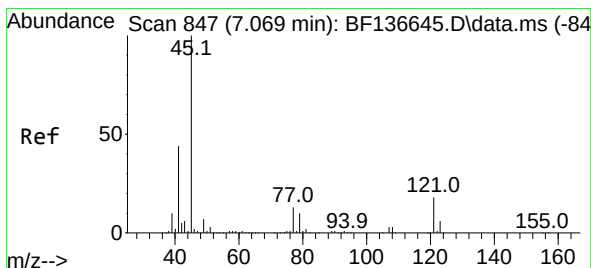
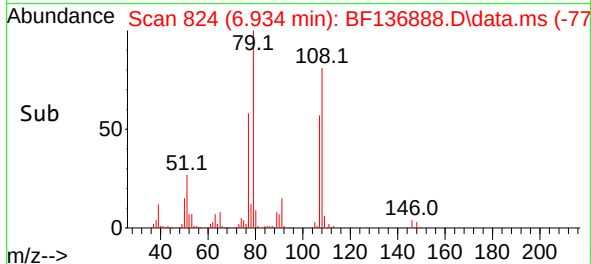
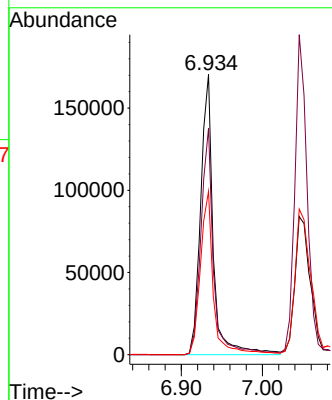
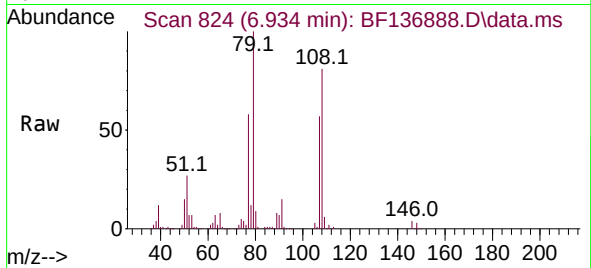




#15
Benzyl Alcohol
Concen: 43.347 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

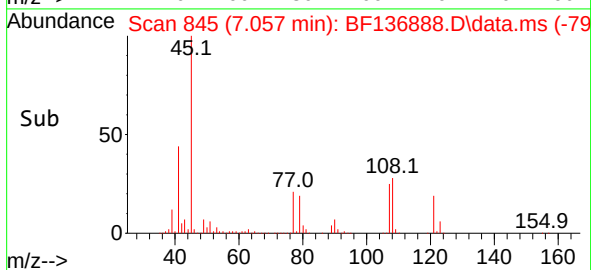
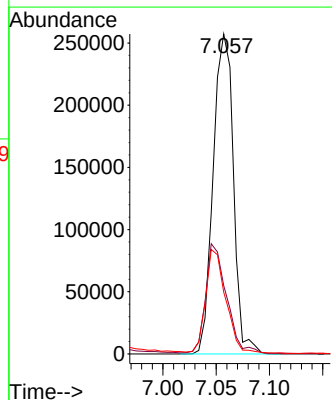
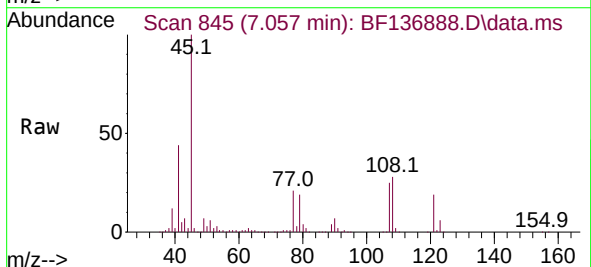
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

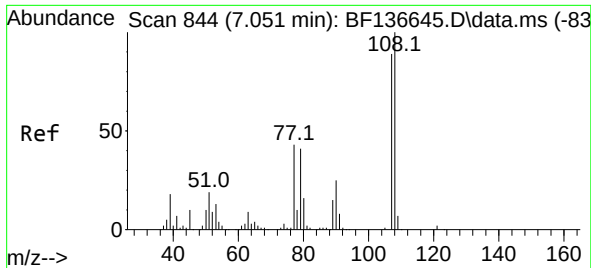
Tgt Ion: 79 Resp: 184538
Ion Ratio Lower Upper
79 100
108 80.8 61.0 91.6
77 58.3 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.554 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion: 45 Resp: 339666
Ion Ratio Lower Upper
45 100
77 21.4 0.0 34.3
79 19.3 0.0 31.4

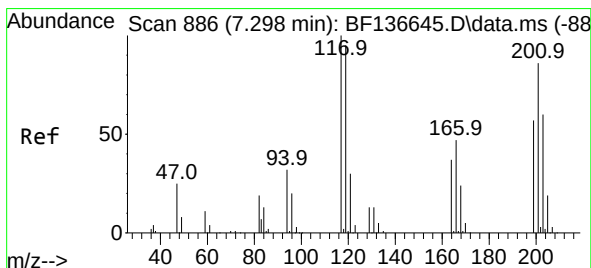
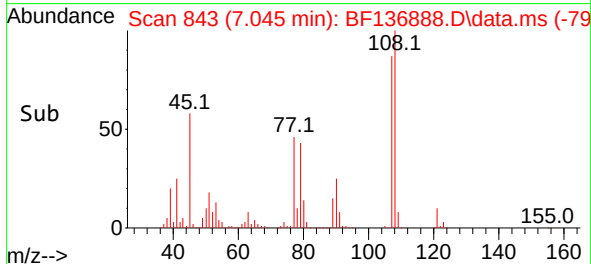
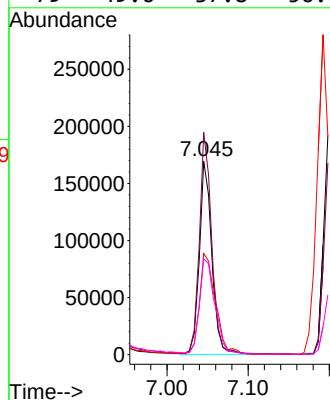
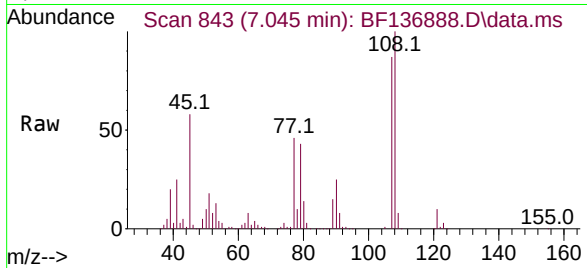




#17
2-Methylphenol
Concen: 41.253 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

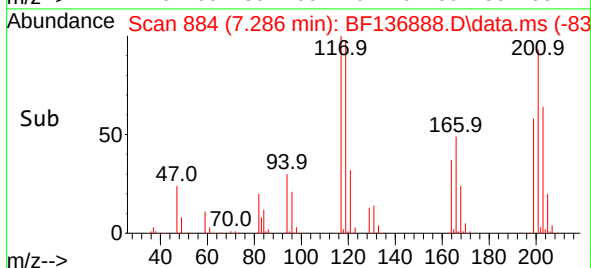
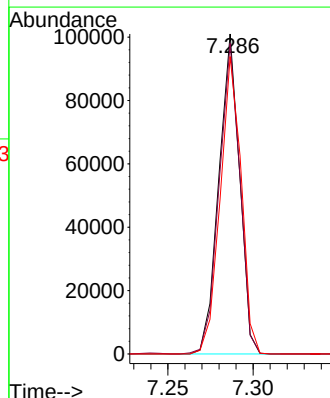
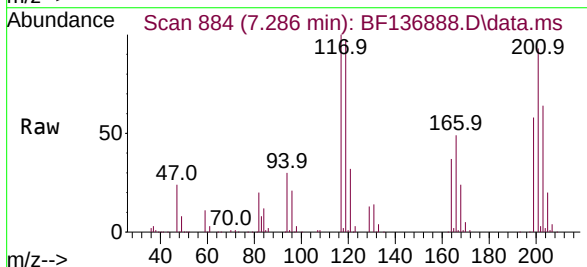
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

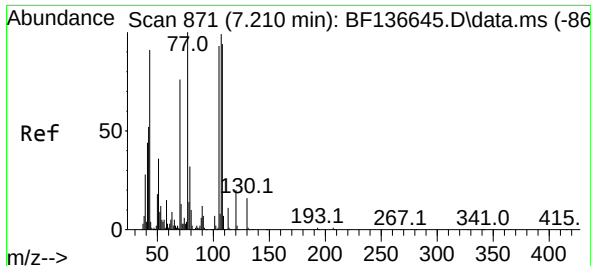
Tgt Ion:107 Resp: 182132
Ion Ratio Lower Upper
107 100
108 115.0 90.3 135.5
77 52.3 38.7 58.1
79 49.6 37.8 56.6



#18
Hexachloroethane
Concen: 39.433 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion:117 Resp: 85073
Ion Ratio Lower Upper
117 100
119 97.1 75.8 113.6
201 93.0 69.1 103.7





#19

n-Nitroso-di-n-propylamine

Concen: 40.433 ng

RT: 7.198 min Scan# 8

Delta R.T. -0.012 min

Lab File: BF136888.D

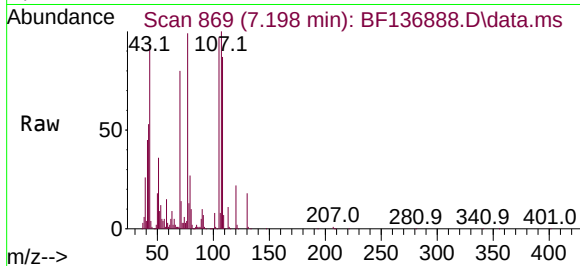
Acq: 03 Jan 2024 00:04

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MS



Tgt Ion: 70 Resp: 154669

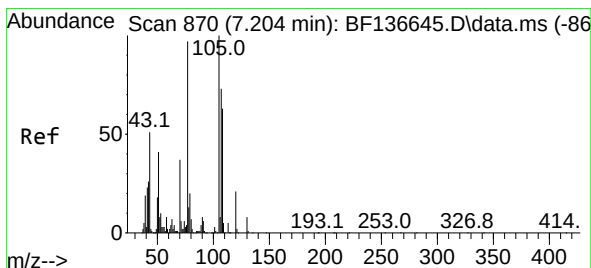
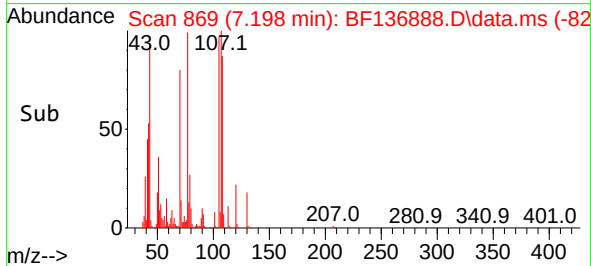
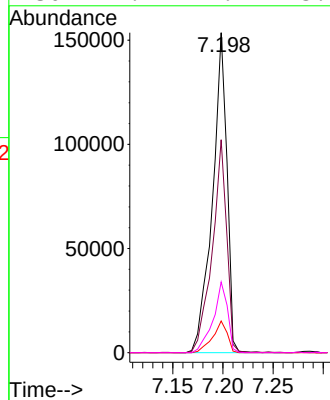
Ion Ratio Lower Upper

70 100

42 66.6 54.2 81.4

101 9.9 7.6 11.4

130 22.1 17.1 25.7



#20

3+4-Methylphenols

Concen: 42.165 ng

RT: 7.198 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

Tgt Ion: 107 Resp: 232571

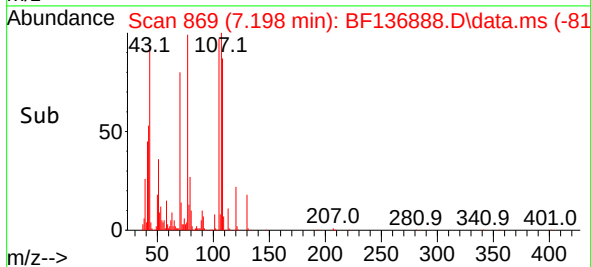
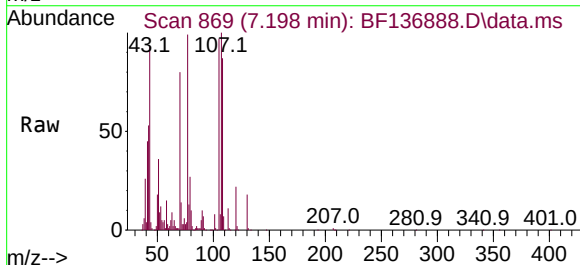
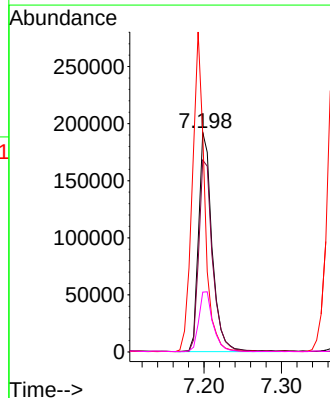
Ion Ratio Lower Upper

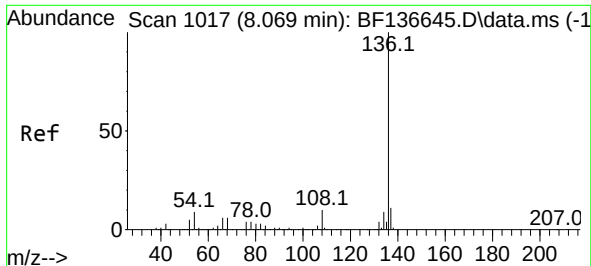
107 100

108 87.4 66.0 106.0

77 99.4 114.2 154.2#

79 27.3 7.2 47.2

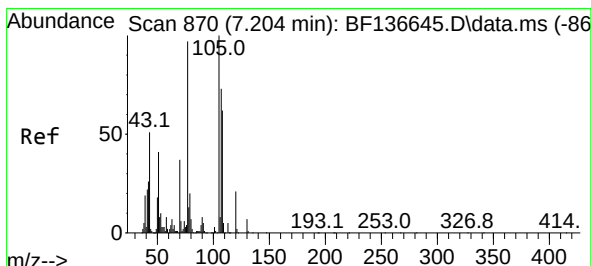
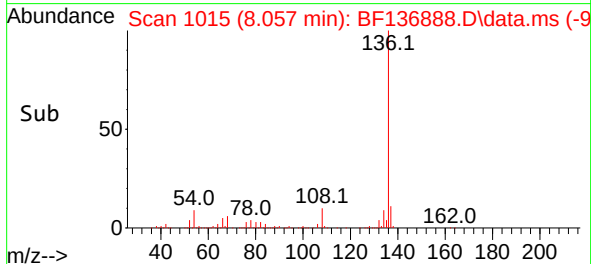
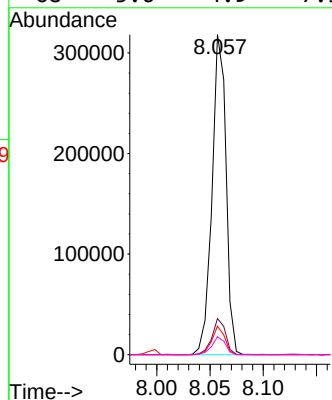
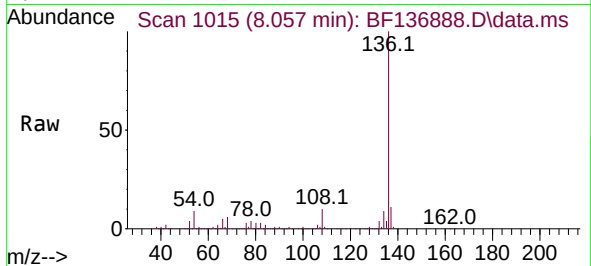




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

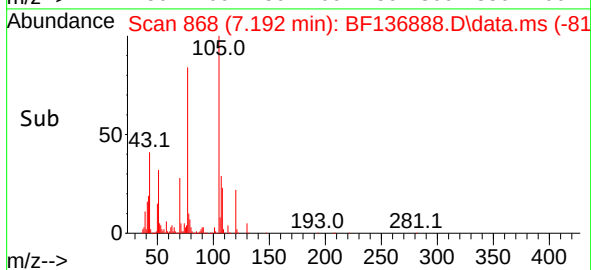
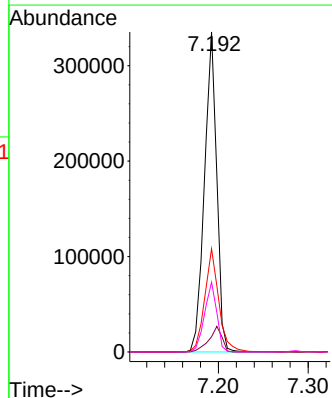
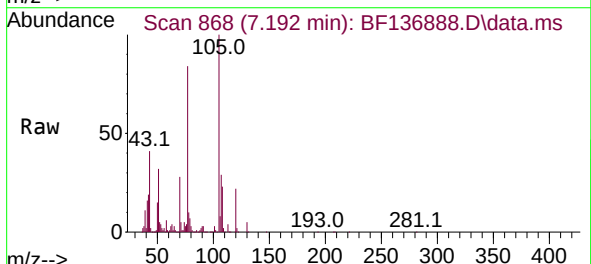
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

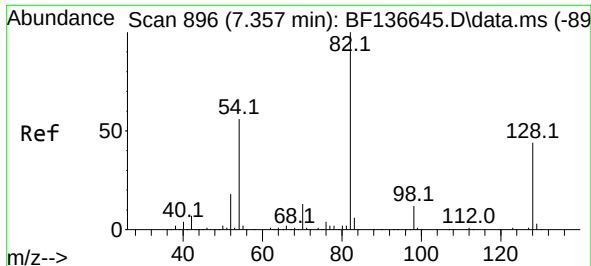
Tgt Ion:136	Resp:	291786	
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.9	7.2	10.8
68	5.6	4.9	7.3



#22
Acetophenone
Concen: 43.631 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt	Ion:105	Resp:	319098
Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.8	7.2#
51	32.3	32.8	49.2#
120	21.8	17.0	25.6

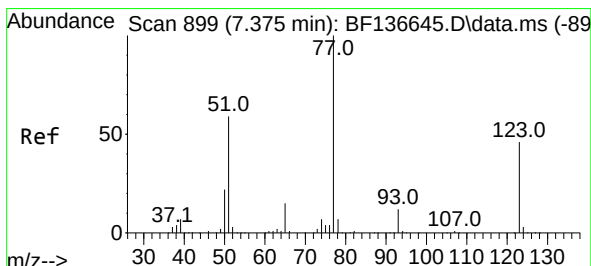
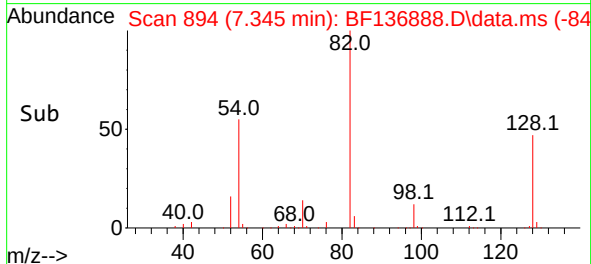
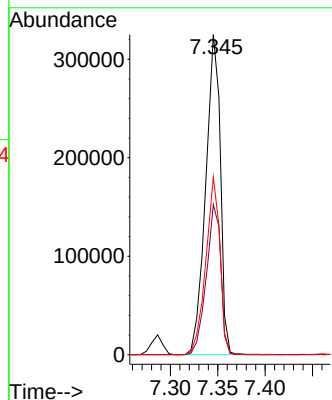
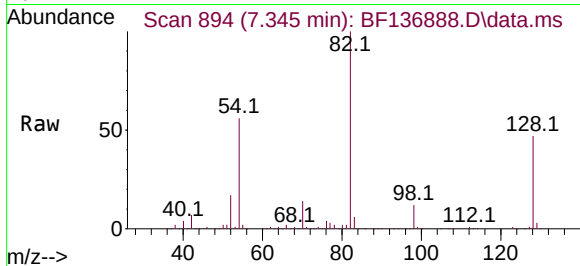




#23
Nitrobenzene-d5
Concen: 61.197 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

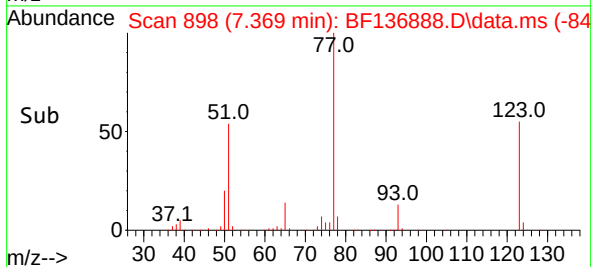
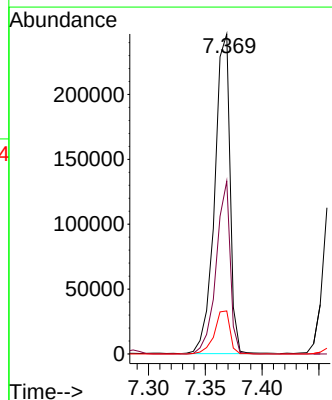
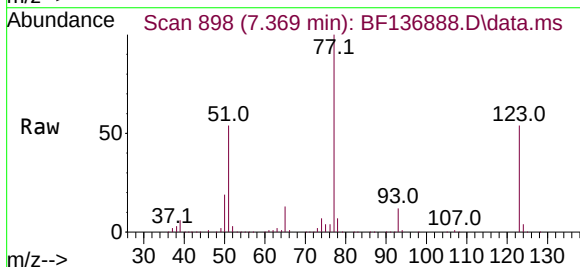
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

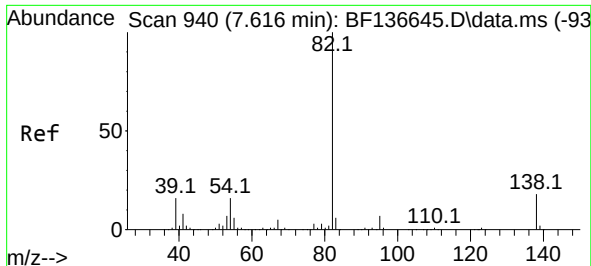
Tgt Ion: 82 Resp: 348955
Ion Ratio Lower Upper
82 100
128 46.9 35.3 52.9
54 55.5 44.5 66.7



#24
Nitrobenzene
Concen: 40.548 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion: 77 Resp: 231614
Ion Ratio Lower Upper
77 100
123 54.0 36.7 55.1
65 13.5 11.8 17.6

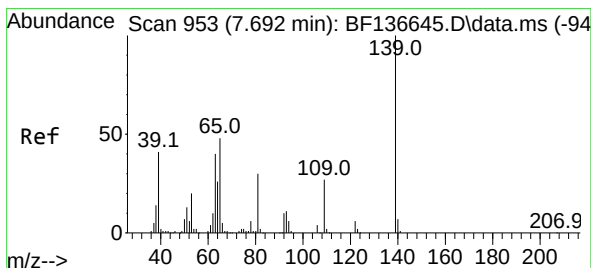
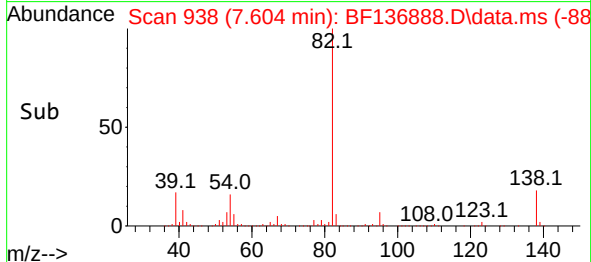
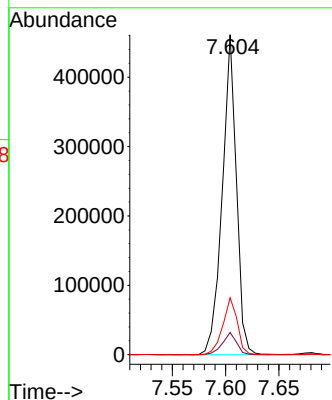
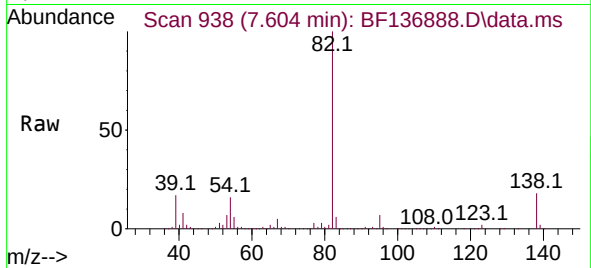




#25
Isophorone
Concen: 40.843 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

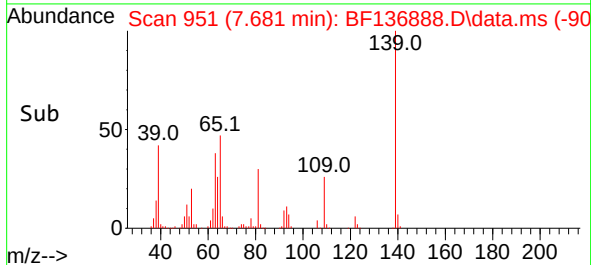
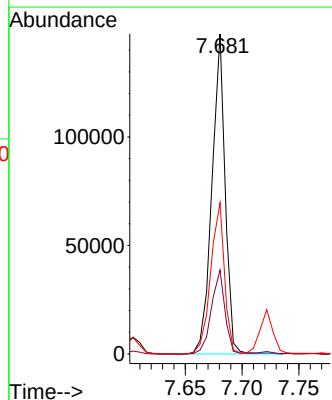
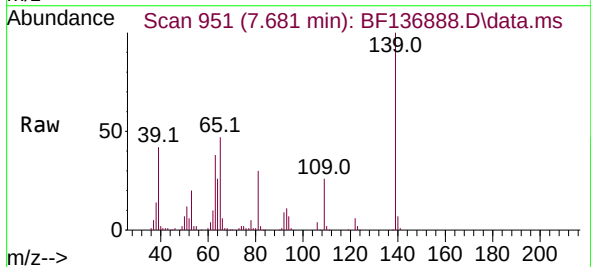
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

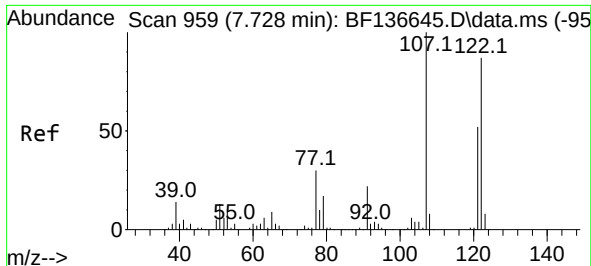
Tgt Ion: 82 Resp: 423779
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.8 14.5 21.7



#26
2-Nitrophenol
Concen: 43.689 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion:139 Resp: 119398
Ion Ratio Lower Upper
139 100
109 26.2 21.9 32.9
65 47.2 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 52.622 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MS

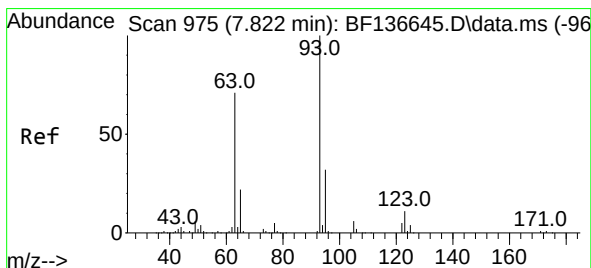
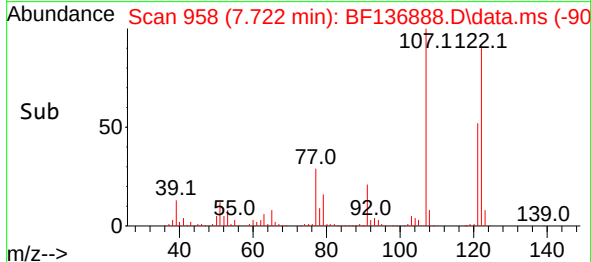
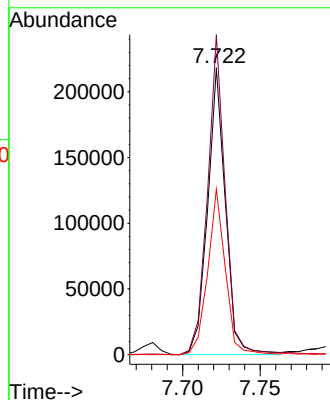
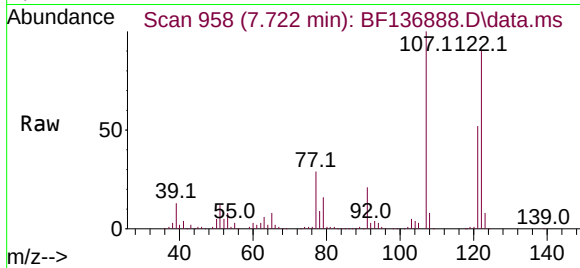
Tgt Ion:122 Resp: 175080

Ion Ratio Lower Upper

122 100

107 111.5 92.0 138.0

121 57.7 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 42.267 ng

RT: 7.810 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

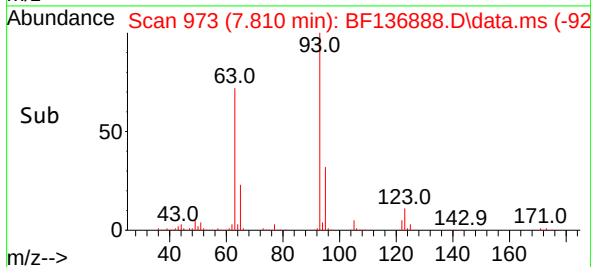
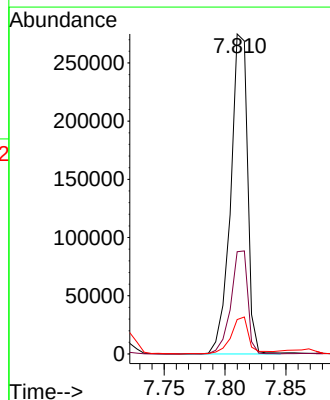
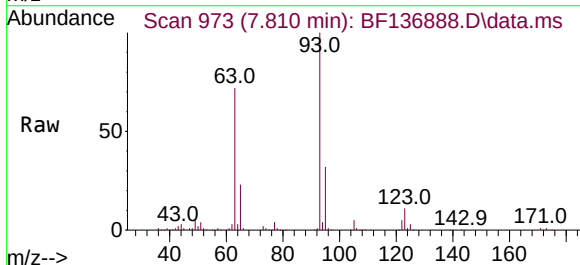
Tgt Ion: 93 Resp: 266575

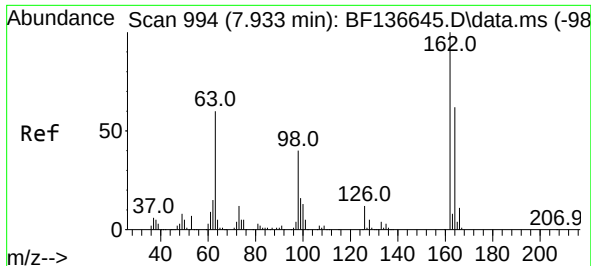
Ion Ratio Lower Upper

93 100

95 31.9 25.5 38.3

123 10.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 43.489 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MS

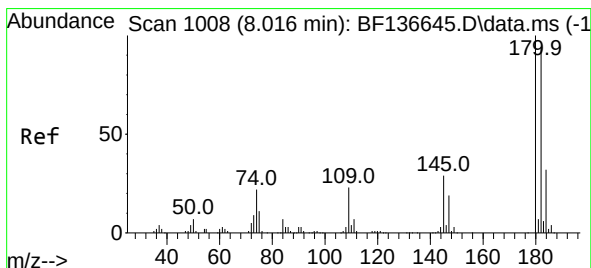
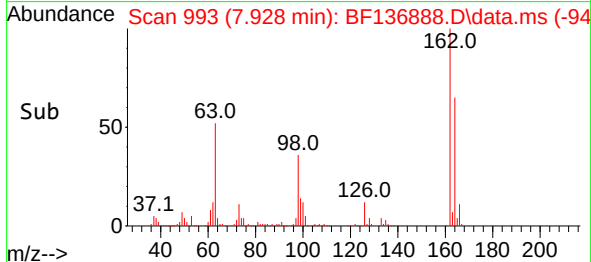
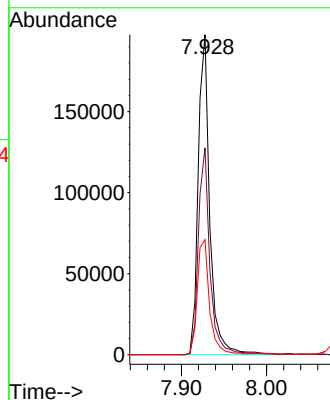
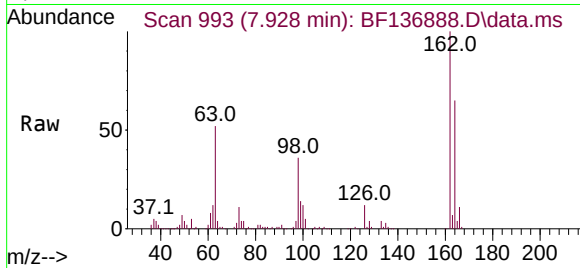
Tgt Ion:162 Resp: 186282

Ion Ratio Lower Upper

162 100

164 64.7 41.7 81.7

98 35.9 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 41.217 ng

RT: 7.998 min Scan# 1005

Delta R.T. -0.018 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

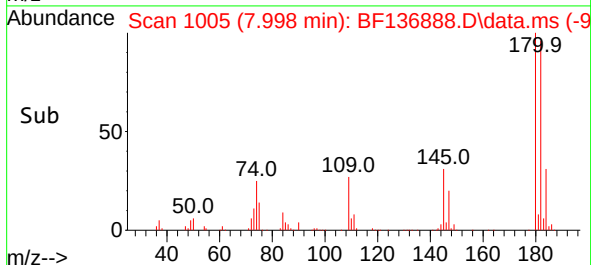
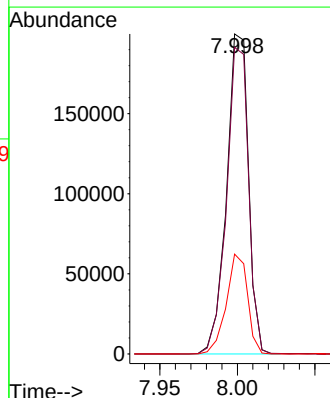
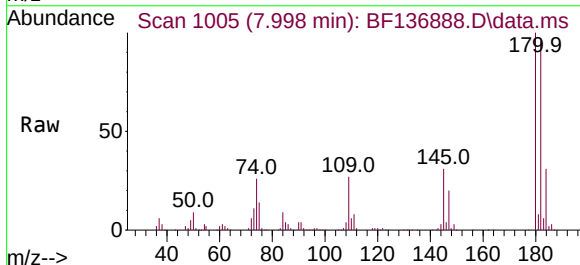
Tgt Ion:180 Resp: 196709

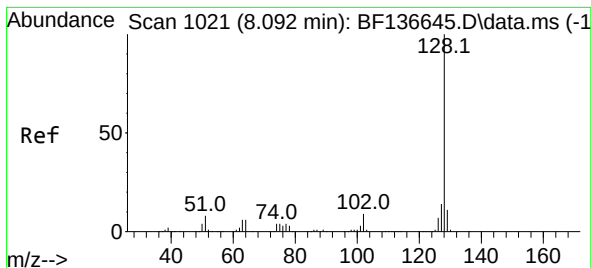
Ion Ratio Lower Upper

180 100

182 95.8 75.4 113.0

145 31.2 23.1 34.7





#31

Naphthalene

Concen: 41.274 ng

RT: 8.081 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MS

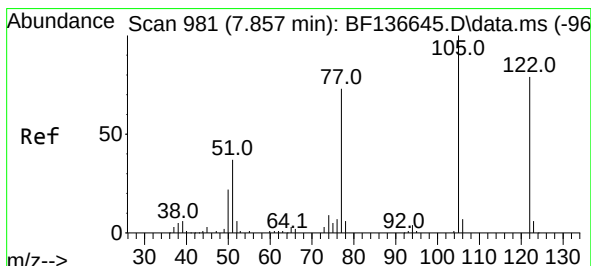
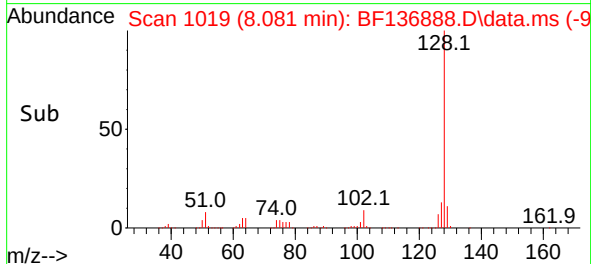
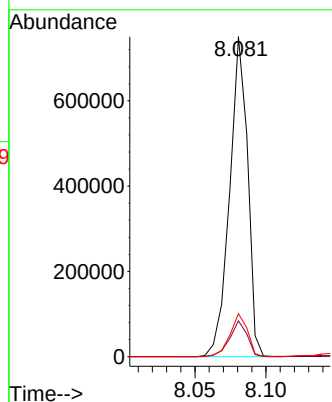
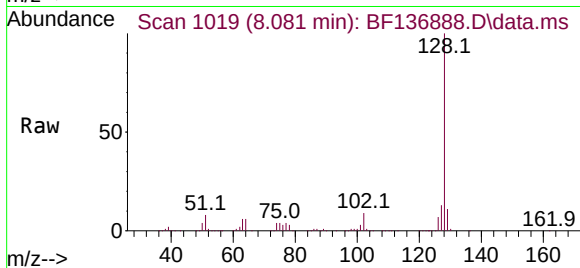
Tgt Ion:128 Resp: 661616

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 13.5 10.8 16.2



#32

Benzoic acid

Concen: 44.124 ng

RT: 7.869 min Scan# 983

Delta R.T. 0.012 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

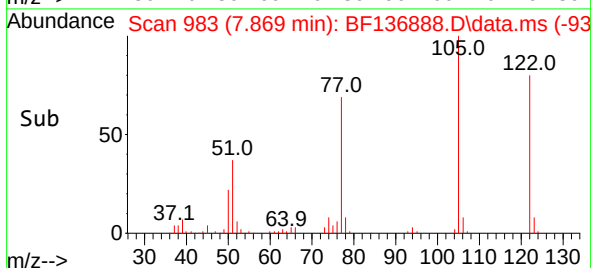
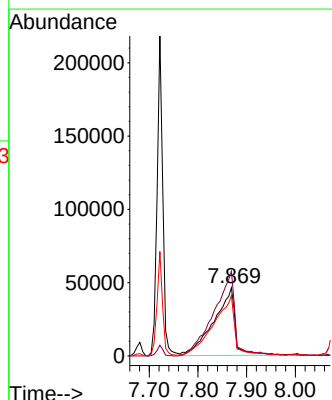
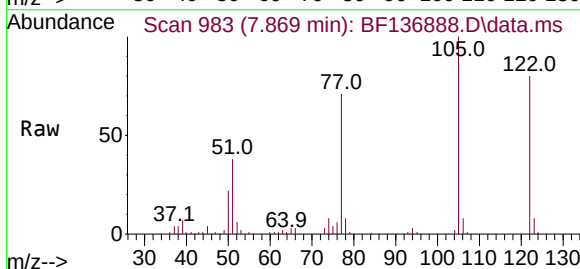
Tgt Ion:122 Resp: 142047

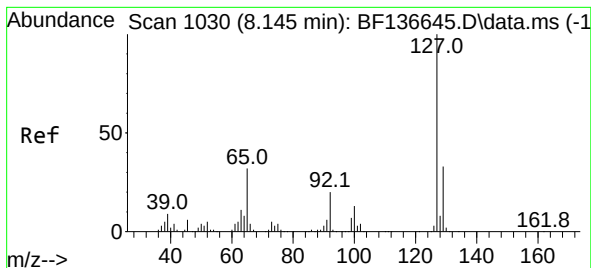
Ion Ratio Lower Upper

122 100

105 124.3 100.8 140.8

77 88.6 70.9 110.9





#33

4-Chloroaniline

Concen: 3.472 ng

RT: 8.145 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MS

Tgt Ion:127 Resp: 20548

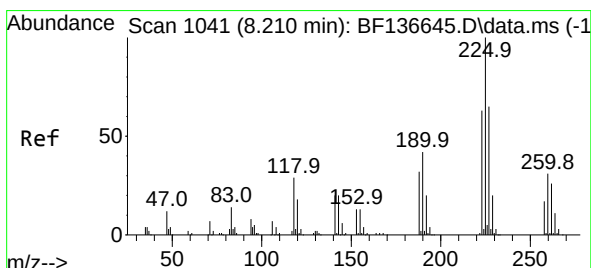
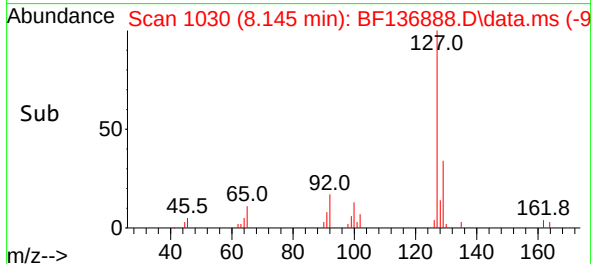
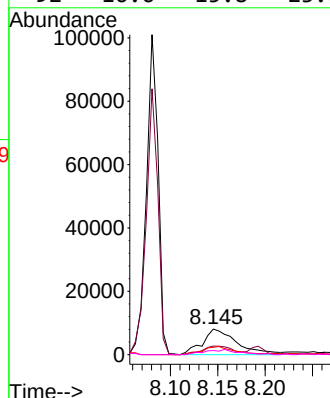
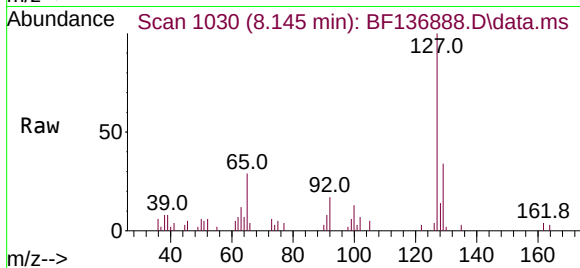
Ion Ratio Lower Upper

127 100

129 34.0 26.3 39.5

65 29.1 25.8 38.8

92 16.6 15.8 23.6



#34

Hexachlorobutadiene

Concen: 39.559 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.018 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

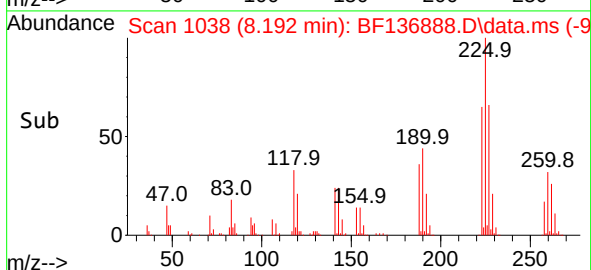
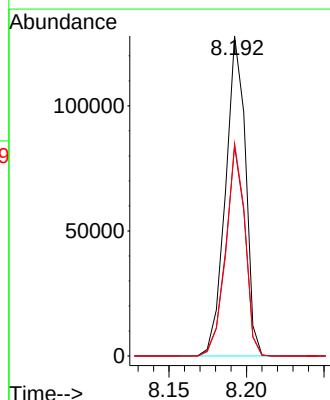
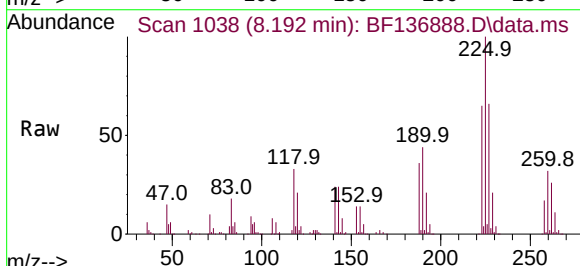
Tgt Ion:225 Resp: 114707

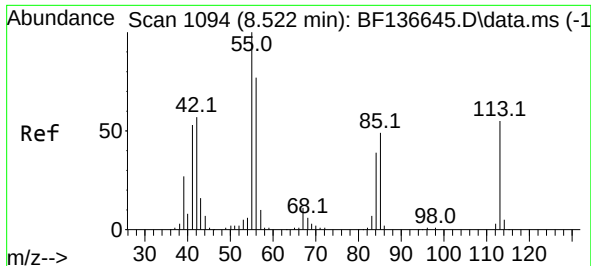
Ion Ratio Lower Upper

225 100

223 65.4 50.6 76.0

227 66.4 51.9 77.9

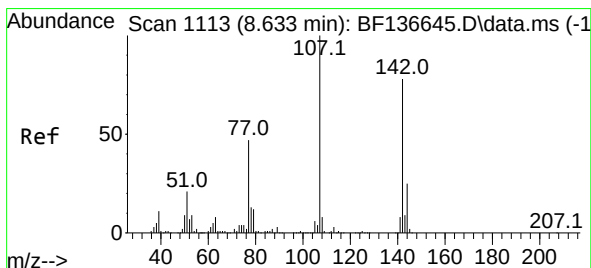
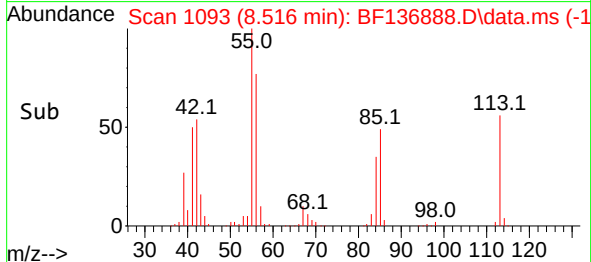
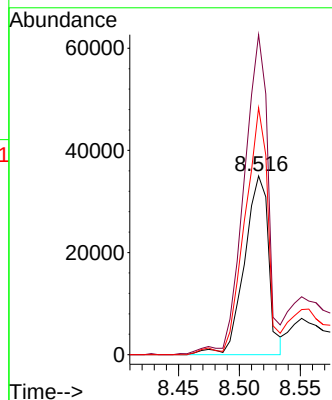
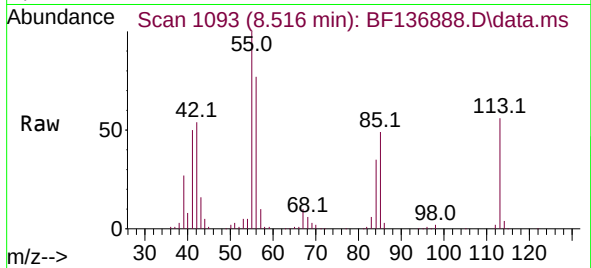




#35
 Caprolactam
 Concen: 34.181 ng
 RT: 8.516 min Scan# 1093
 Delta R.T. -0.006 min
 Lab File: BF136888.D
 Acq: 03 Jan 2024 00:04

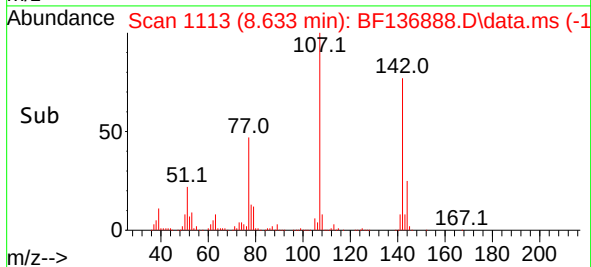
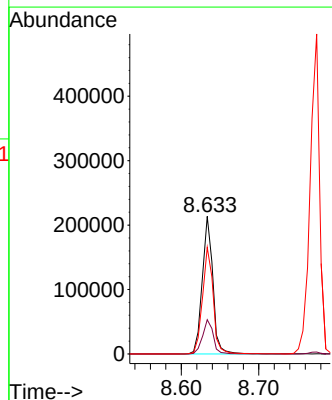
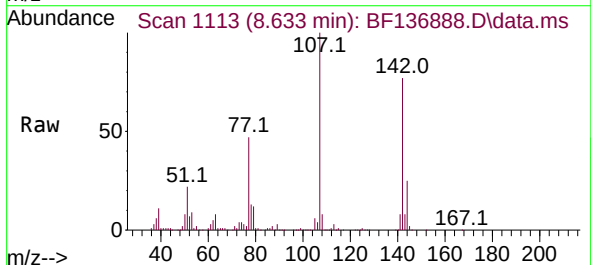
Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-15-2-4MS

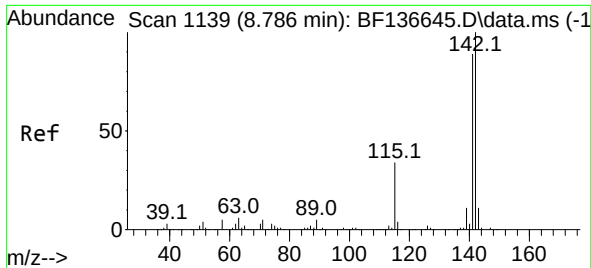
Tgt Ion:113 Resp: 48301
 Ion Ratio Lower Upper
 113 100
 55 179.0 163.1 203.1
 56 138.1 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 42.026 ng
 RT: 8.633 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF136888.D
 Acq: 03 Jan 2024 00:04

Tgt Ion:107 Resp: 202657
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.2 30.2
 142 77.5 62.3 93.5

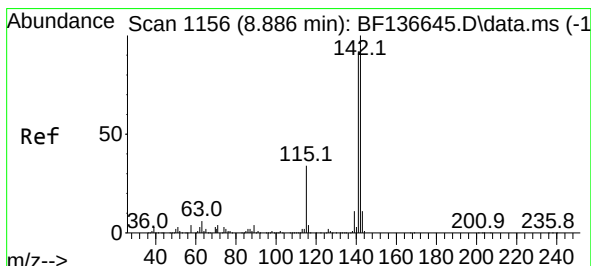
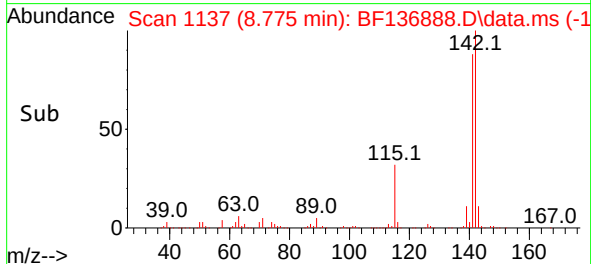
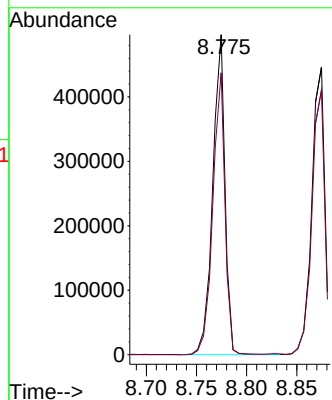
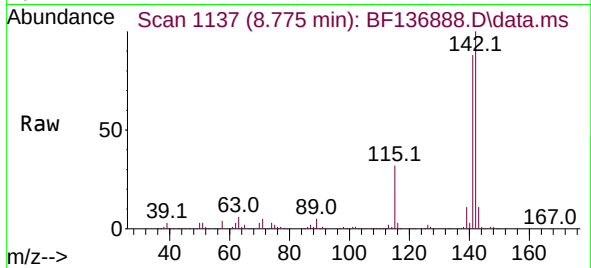




#37
2-Methylnaphthalene
Concen: 40.898 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

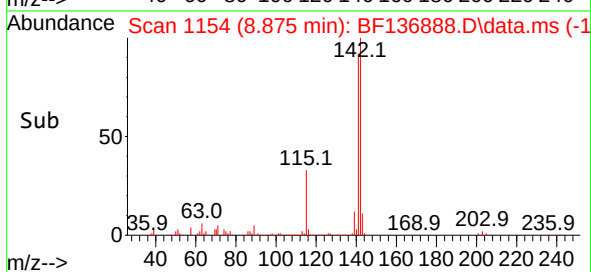
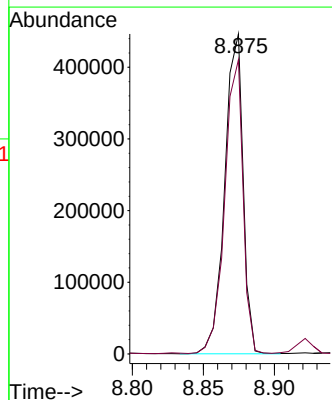
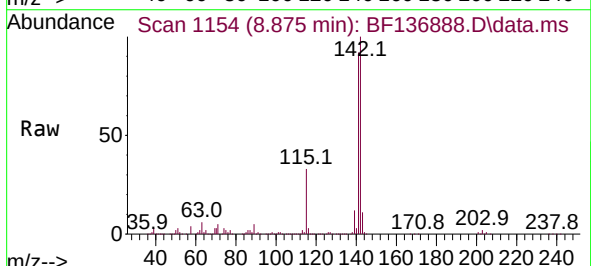
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

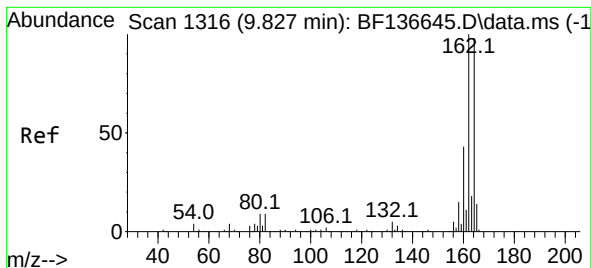
Tgt Ion:142 Resp: 421916
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7



#38
1-Methylnaphthalene
Concen: 39.577 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion:142 Resp: 400573
Ion Ratio Lower Upper
142 100
141 92.0 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: BF136888.D

Acq: 03 Jan 2024 00:04

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MS

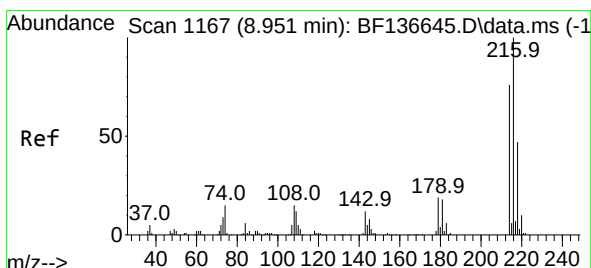
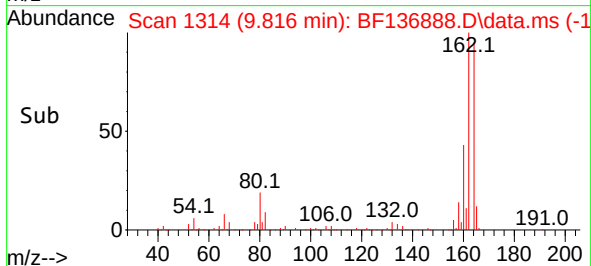
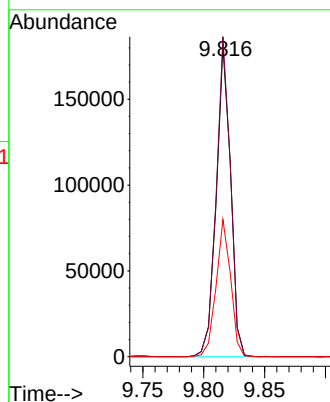
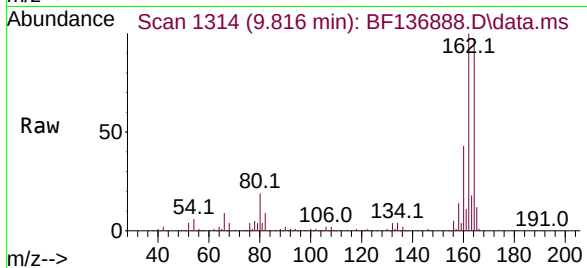
Tgt Ion:164 Resp: 148504

Ion Ratio Lower Upper

164 100

162 103.1 81.6 122.4

160 44.2 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.826 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

Tgt Ion:216 Resp: 206159

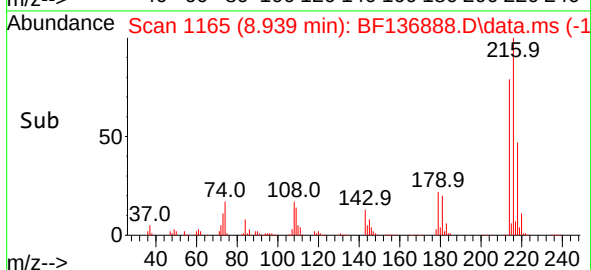
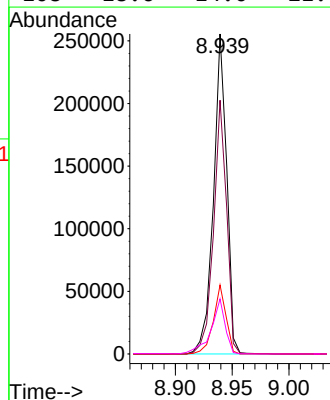
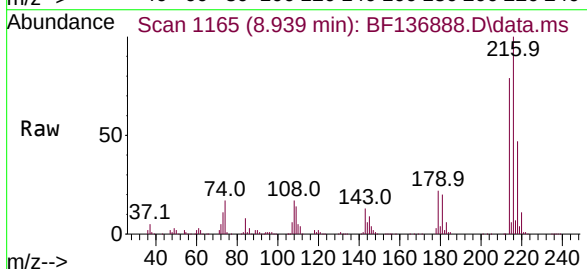
Ion Ratio Lower Upper

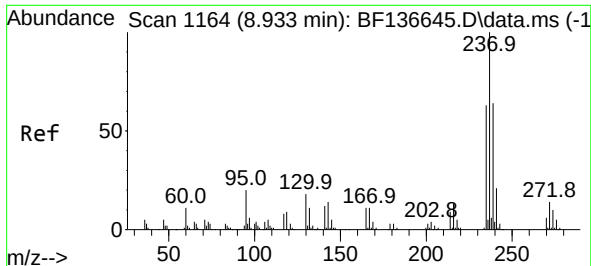
216 100

214 78.1 62.3 93.5

179 20.7 16.4 24.6

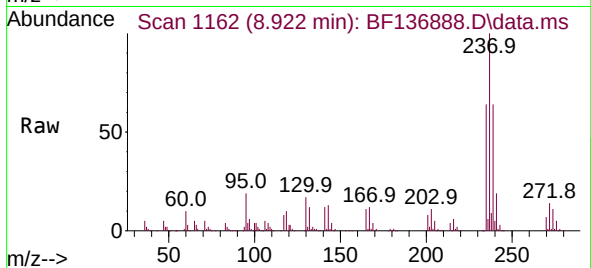
108 18.6 14.0 21.0



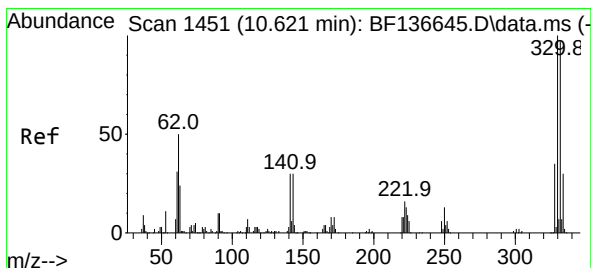
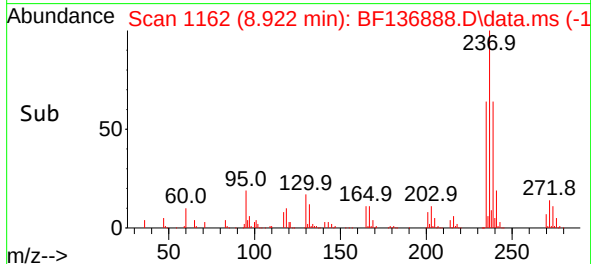
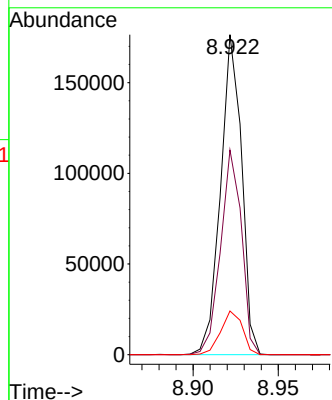


#41
Hexachlorocyclopentadiene
Concen: 102.018 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

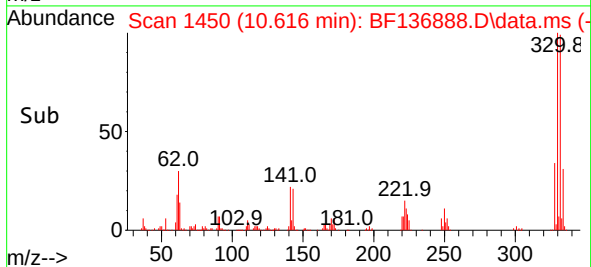
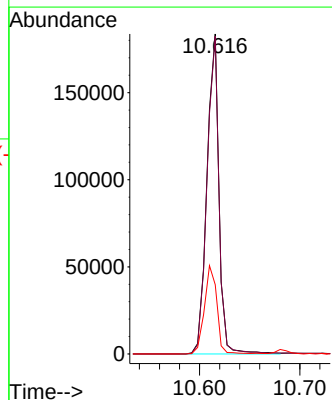
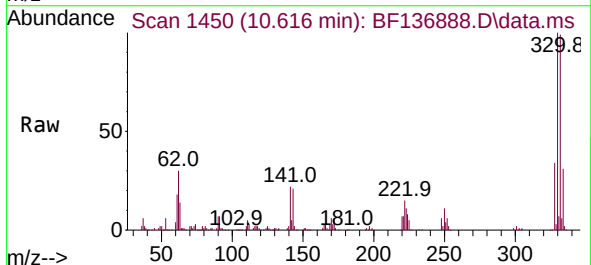


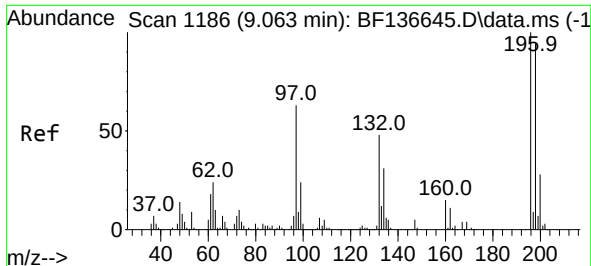
Tgt Ion:237 Resp: 151705
Ion Ratio Lower Upper
237 100
235 63.9 43.2 83.2
272 13.6 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 88.101 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion:330 Resp: 154085
Ion Ratio Lower Upper
330 100
332 99.4 77.4 116.0
141 28.5 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 44.391 ng

RT: 9.057 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MS

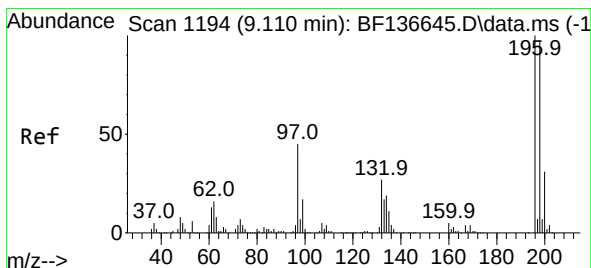
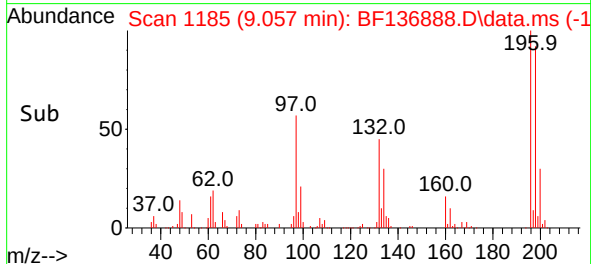
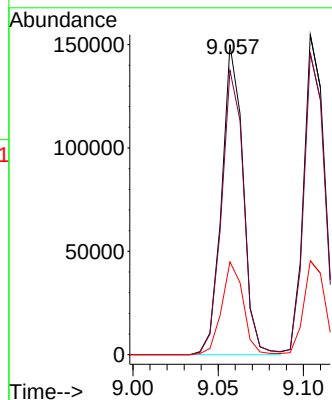
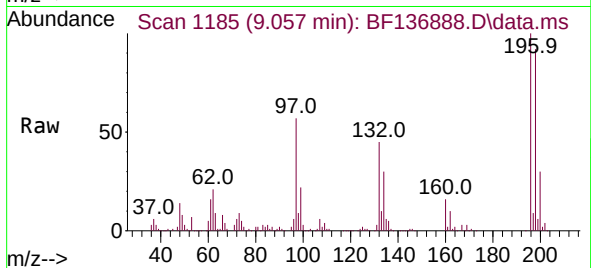
Tgt Ion:196 Resp: 130931

Ion Ratio Lower Upper

196 100

198 91.7 75.1 112.7

200 29.9 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 42.524 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

Tgt Ion:196 Resp: 139768

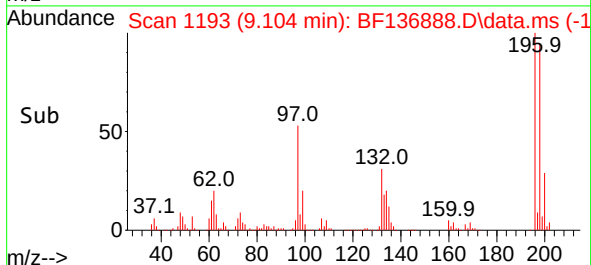
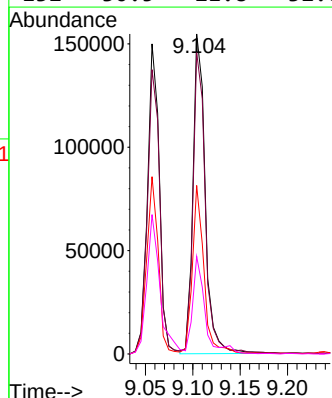
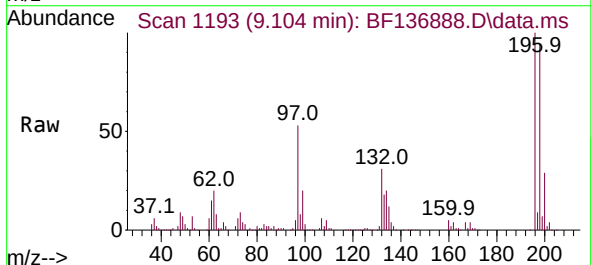
Ion Ratio Lower Upper

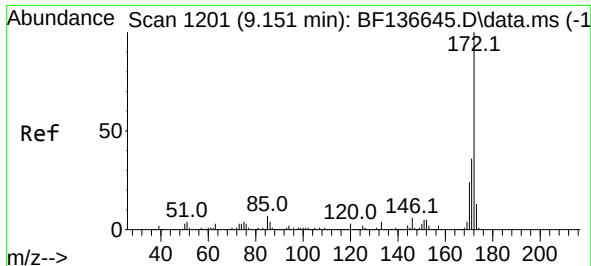
196 100

198 94.2 77.0 115.6

97 52.7 36.1 54.1

132 30.5 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 61.633 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MS

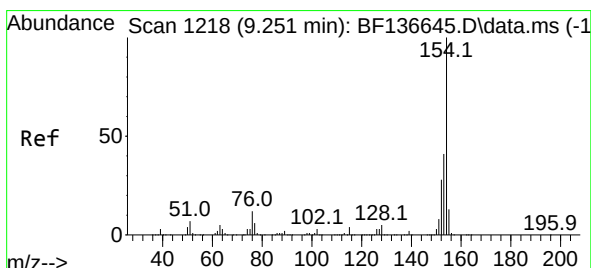
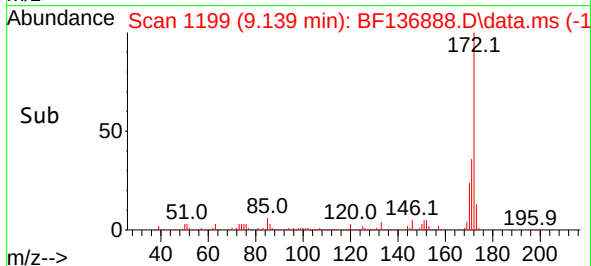
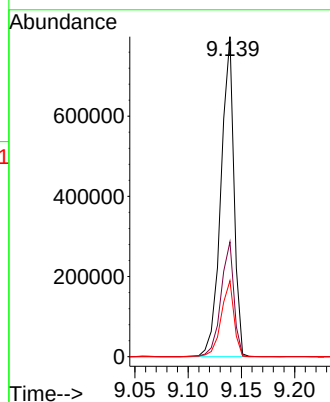
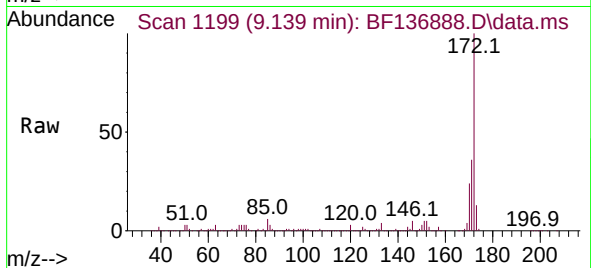
Tgt Ion:172 Resp: 680506

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 44.063 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

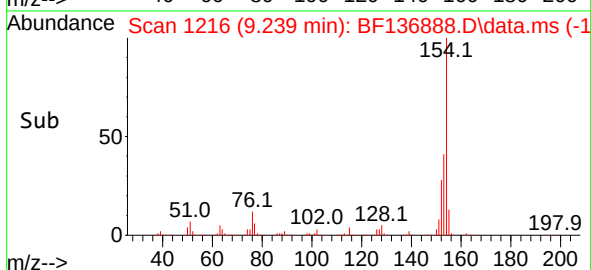
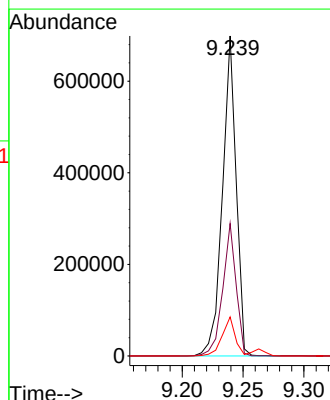
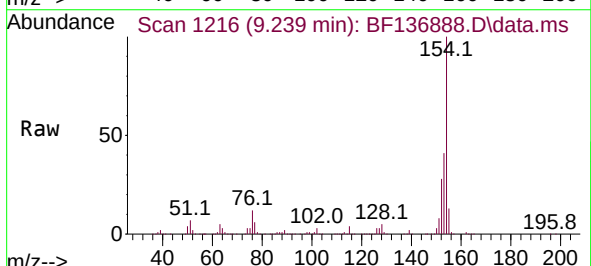
Tgt Ion:154 Resp: 549097

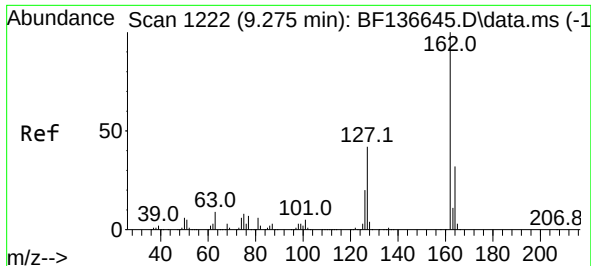
Ion Ratio Lower Upper

154 100

153 41.4 21.1 61.1

76 12.2 0.0 31.7

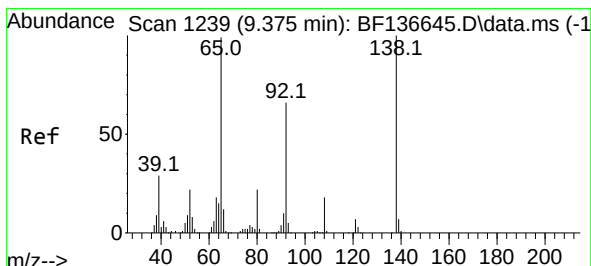
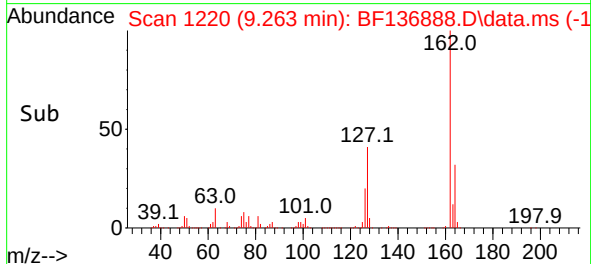
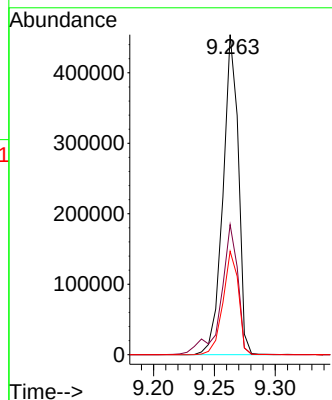
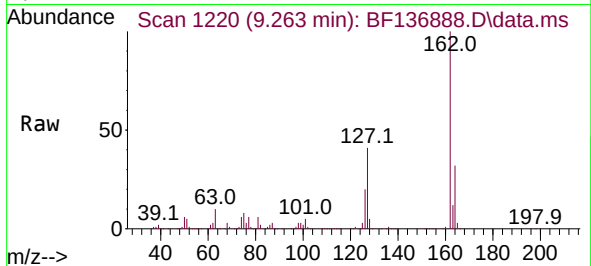




#47
2-Chloronaphthalene
Concen: 42.231 ng
RT: 9.263 min Scan# 1222
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

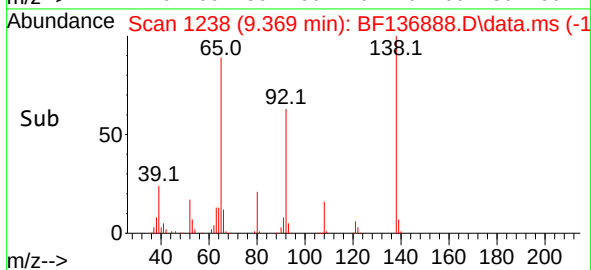
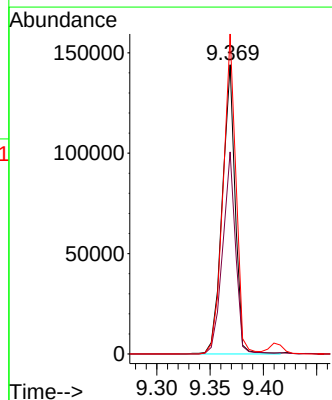
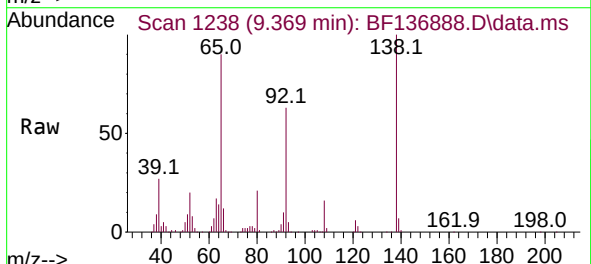
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

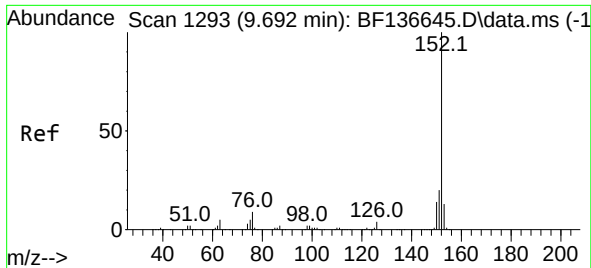
Tgt Ion:162 Resp: 400083
Ion Ratio Lower Upper
162 100
127 40.6 33.6 50.4
164 32.3 25.7 38.5



#48
2-Nitroaniline
Concen: 40.808 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion: 65 Resp: 121063
Ion Ratio Lower Upper
65 100
92 69.8 53.2 79.8
138 110.6 81.1 121.7





#49

Acenaphthylene

Concen: 45.839 ng

RT: 9.680 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MS

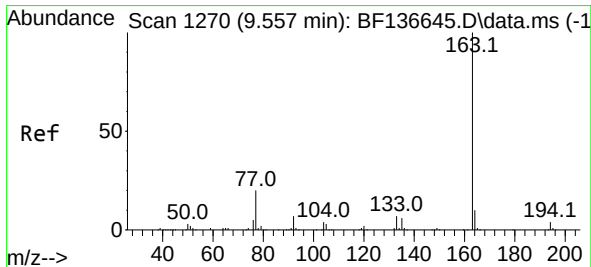
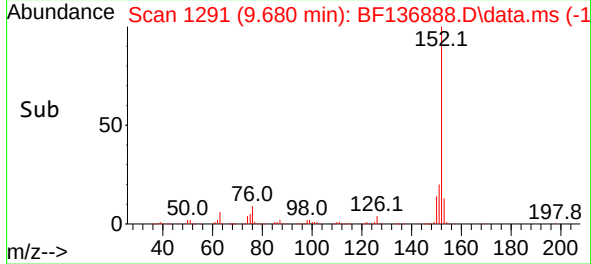
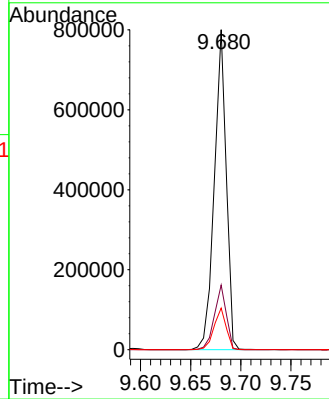
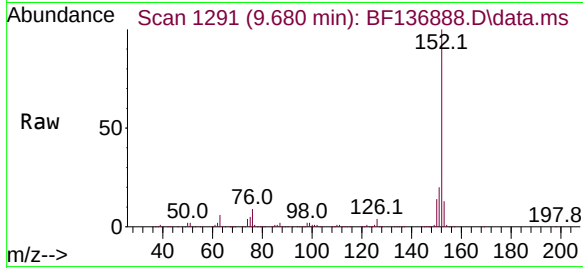
Tgt Ion:152 Resp: 663761

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.0 10.2 15.2



#50

Dimethylphthalate

Concen: 43.592 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

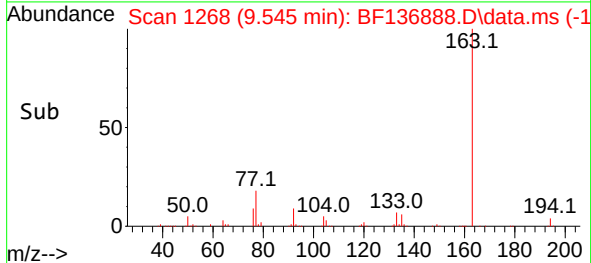
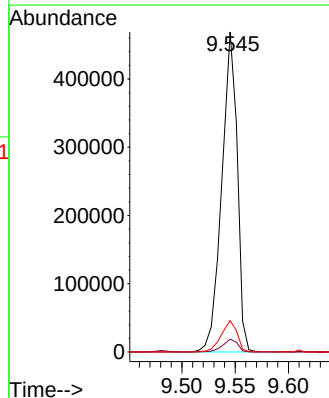
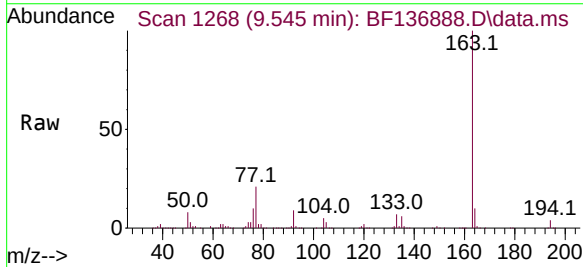
Tgt Ion:163 Resp: 472851

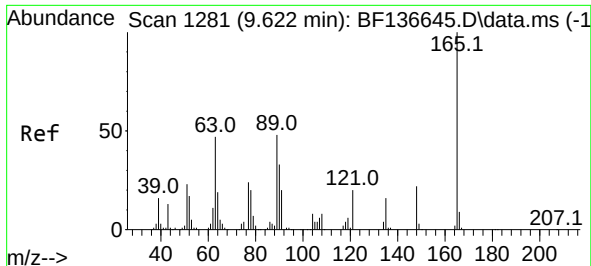
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.8 7.8 11.6

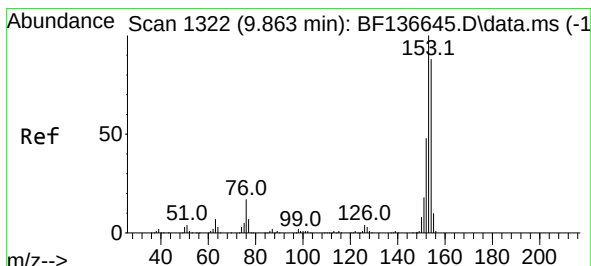
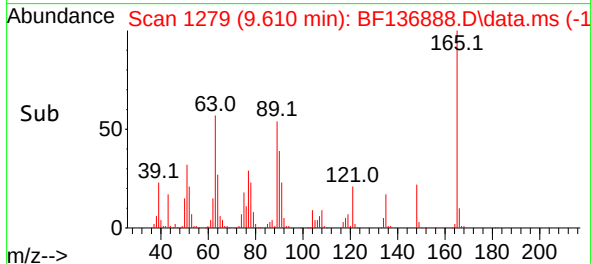
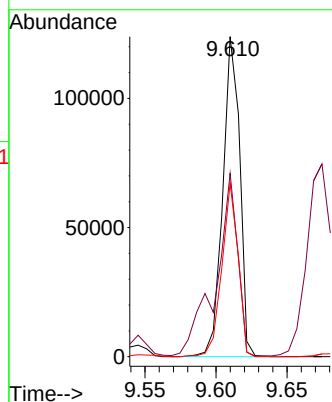
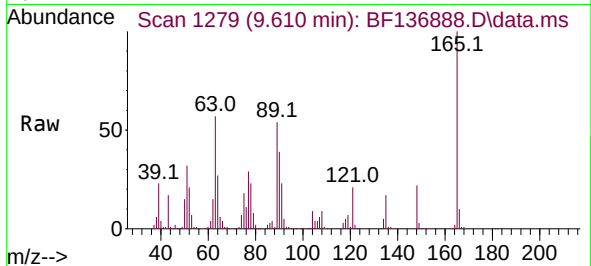




#51
2,6-Dinitrotoluene
Concen: 41.676 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

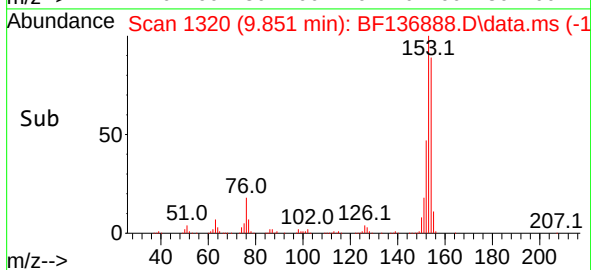
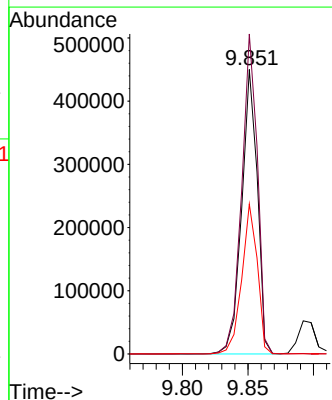
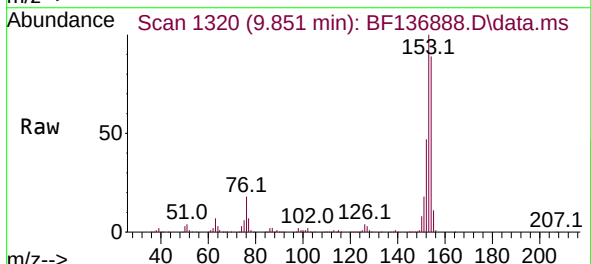
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

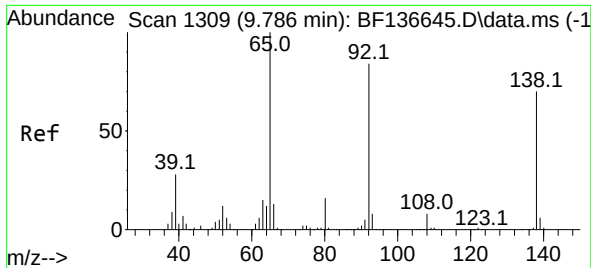
Tgt Ion:165 Resp: 102597
Ion Ratio Lower Upper
165 100
63 57.3 39.8 59.6
89 54.2 38.8 58.2



#52
Acenaphthene
Concen: 41.733 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion:154 Resp: 374599
Ion Ratio Lower Upper
154 100
153 112.5 90.7 136.1
152 52.7 43.7 65.5

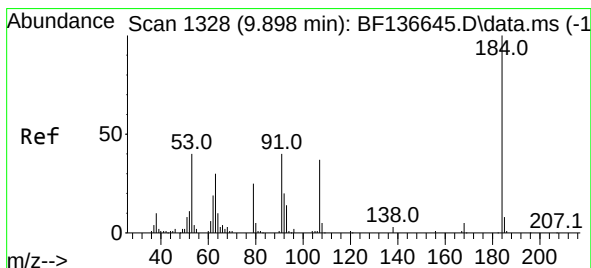
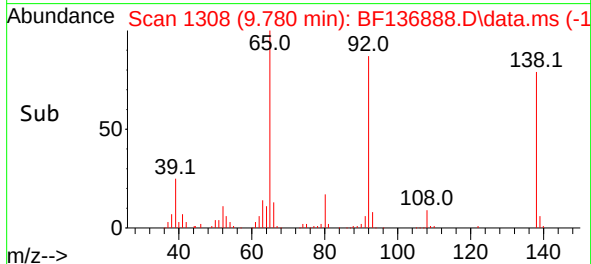
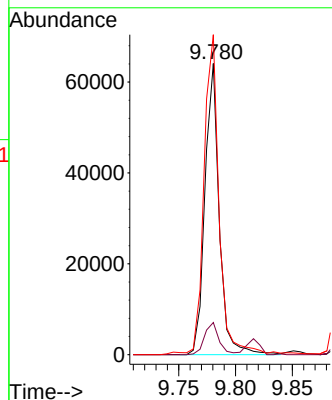
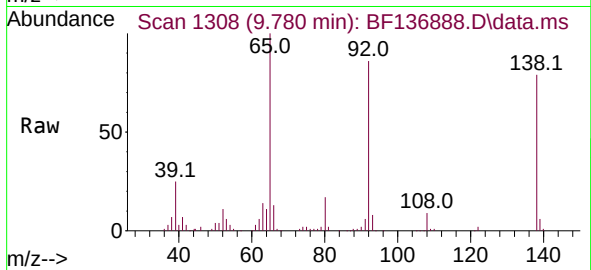




#53
3-Nitroaniline
Concen: 21.590 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

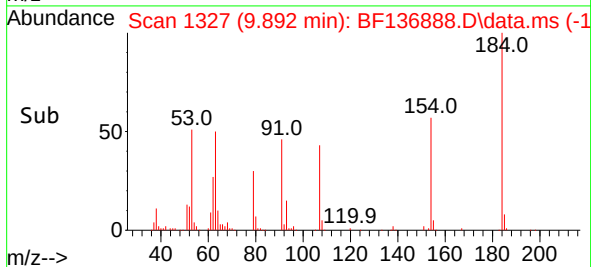
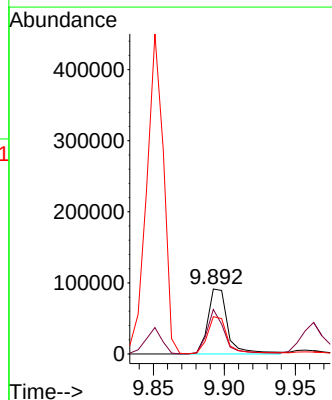
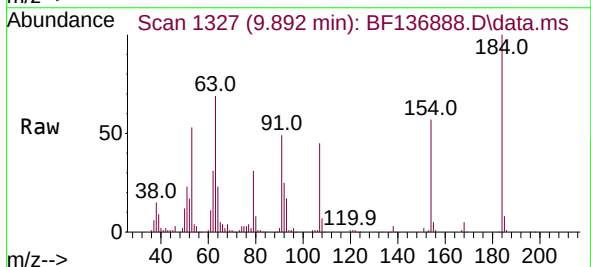
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

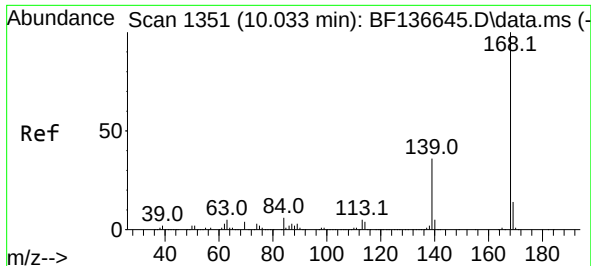
Tgt Ion:138 Resp: 56302
Ion Ratio Lower Upper
138 100
108 11.1 8.6 12.8
92 109.9 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 65.959 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion:184 Resp: 89053
Ion Ratio Lower Upper
184 100
63 68.6 40.9 61.3#
154 57.3 42.7 64.1

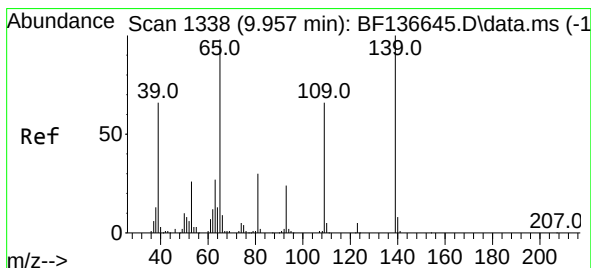
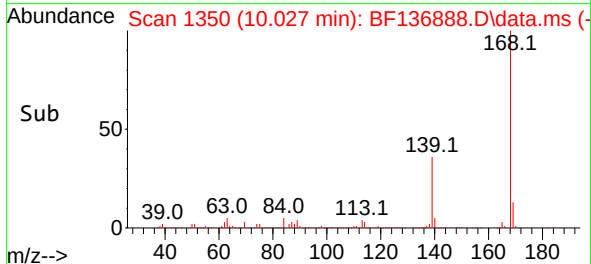
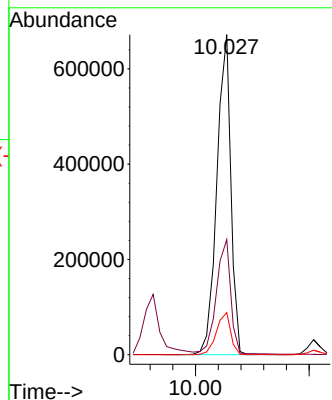
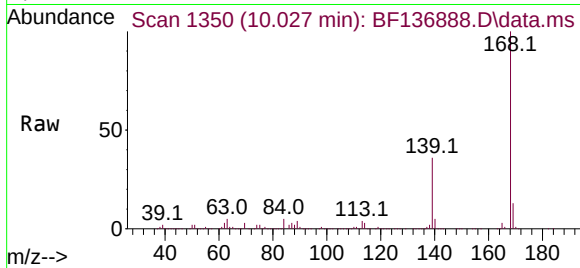




#55
Dibenzenofuran
Concen: 42.287 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

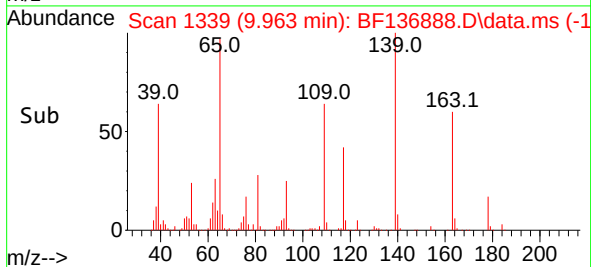
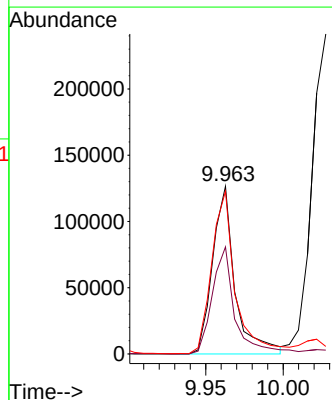
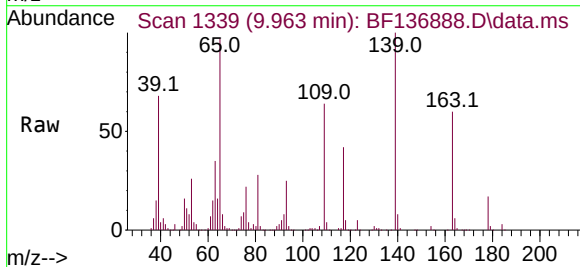
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

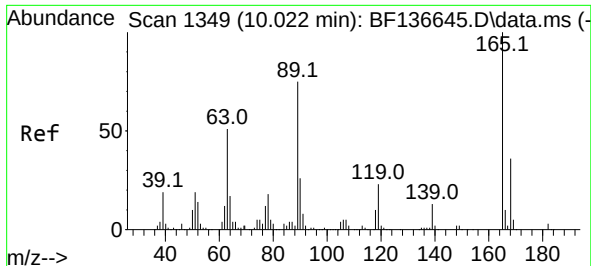
Tgt Ion:168 Resp: 575376
Ion Ratio Lower Upper
168 100
139 35.9 29.3 43.9
169 13.1 11.0 16.4



#56
4-Nitrophenol
Concen: 72.153 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion:139 Resp: 127018
Ion Ratio Lower Upper
139 100
109 63.8 45.8 85.8
65 97.1 77.8 117.8

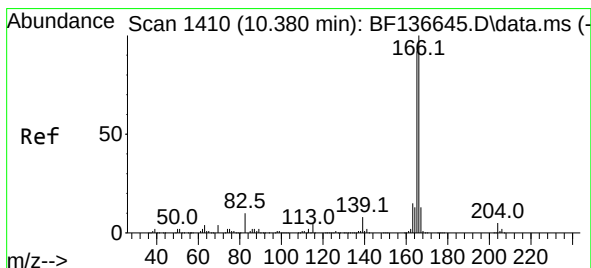
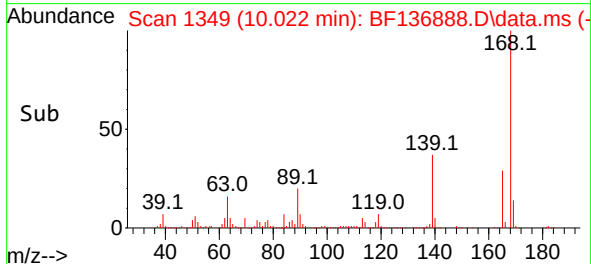
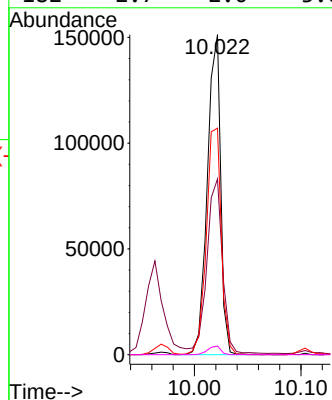
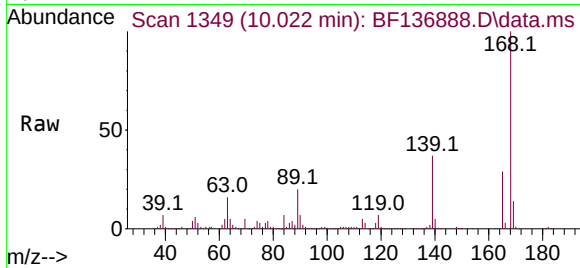




#57
2,4-Dinitrotoluene
Concen: 41.211 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

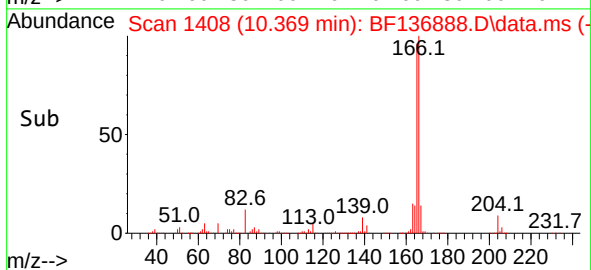
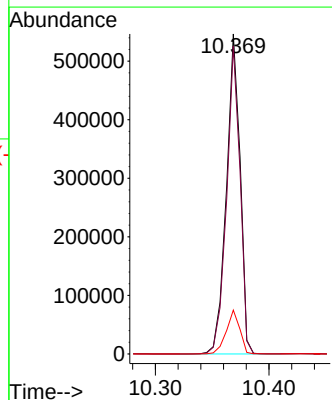
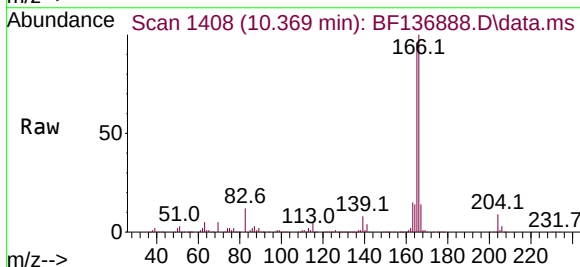
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

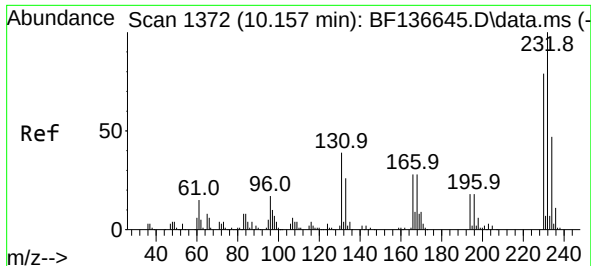
Tgt Ion:165 Resp: 131703
Ion Ratio Lower Upper
165 100
63 54.9 41.0 61.6
89 70.8 59.9 89.9
182 2.7 2.0 3.0



#58
Fluorene
Concen: 42.553 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion:166 Resp: 459416
Ion Ratio Lower Upper
166 100
165 96.2 73.7 110.5
167 13.7 10.4 15.6

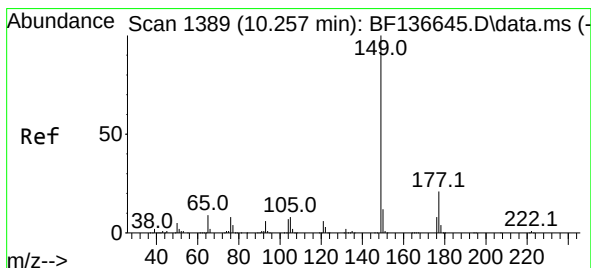
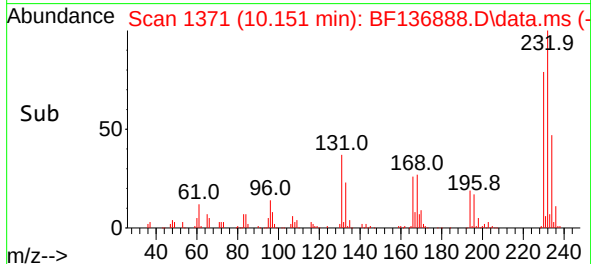
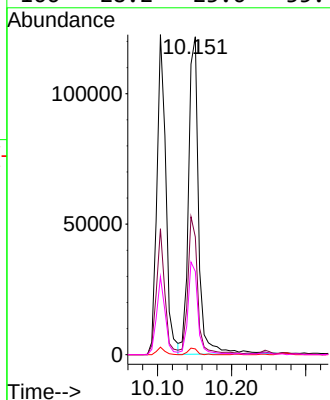
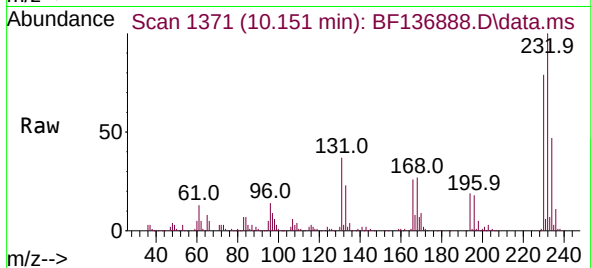




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.652 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

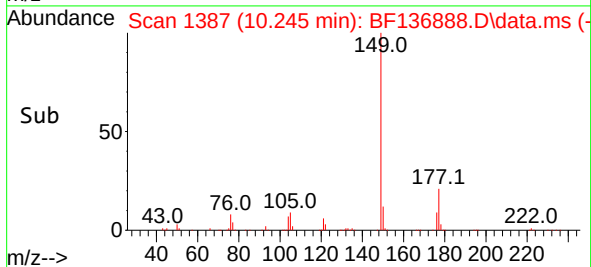
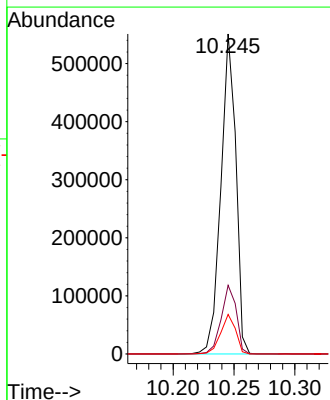
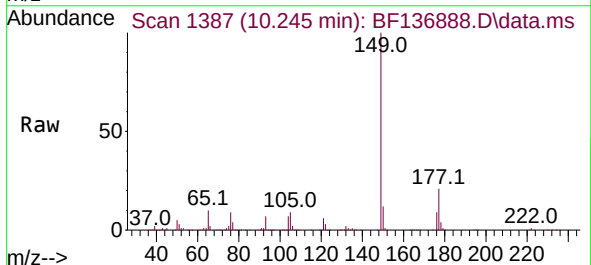
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

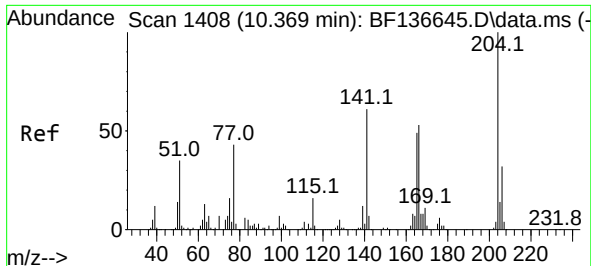
Tgt Ion:232 Resp: 115505
Ion Ratio Lower Upper
232 100
131 41.6 35.1 52.7
130 1.9 1.6 2.4
166 28.2 23.6 35.4



#60
Diethylphthalate
Concen: 42.045 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion:149 Resp: 473197
Ion Ratio Lower Upper
149 100
177 21.5 16.9 25.3
150 12.4 9.3 13.9

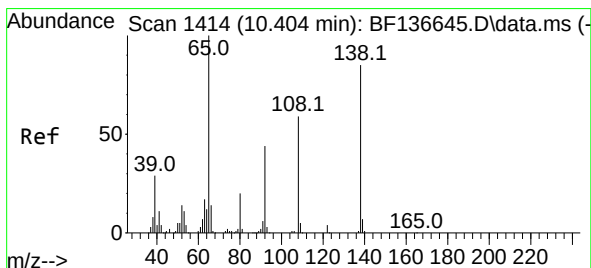
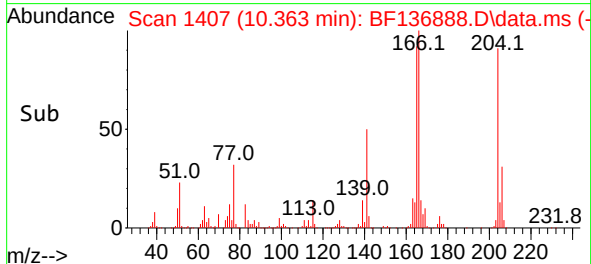
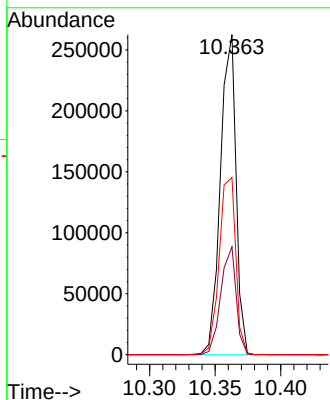
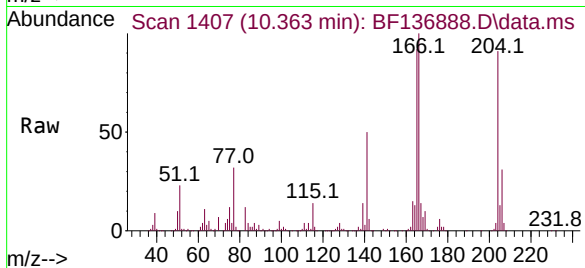




#61
4-Chlorophenyl-phenylether
Concen: 41.372 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

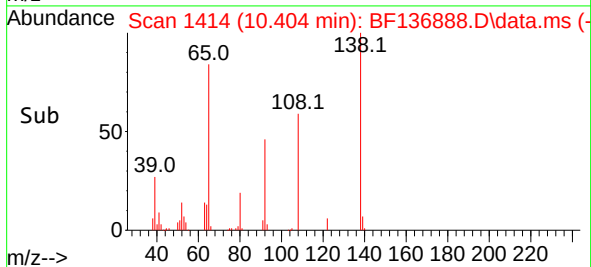
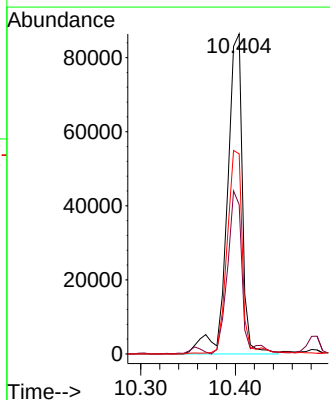
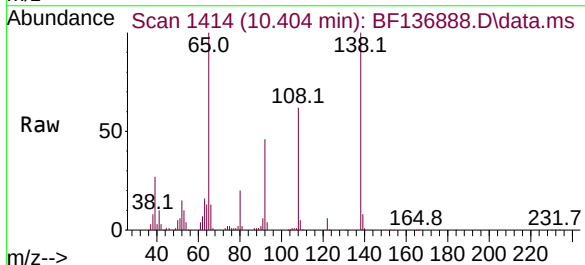
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

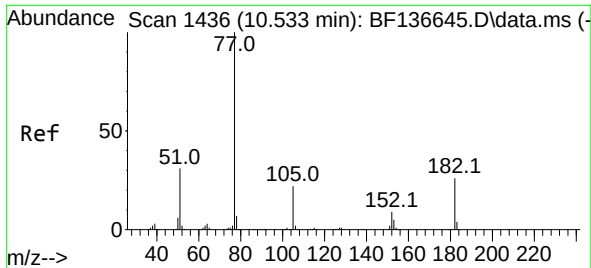
Tgt Ion:204 Resp: 217105
Ion Ratio Lower Upper
204 100
206 33.7 25.6 38.4
141 55.3 48.4 72.6



#62
4-Nitroaniline
Concen: 38.403 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion:138 Resp: 96544
Ion Ratio Lower Upper
138 100
92 46.7 32.1 72.1
108 62.5 50.1 90.1

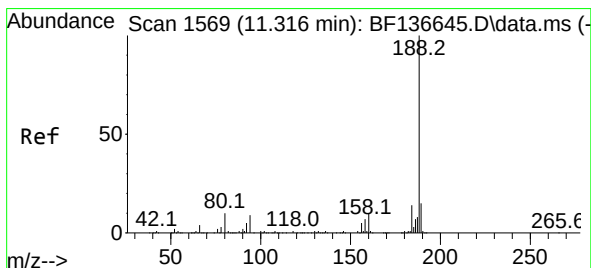
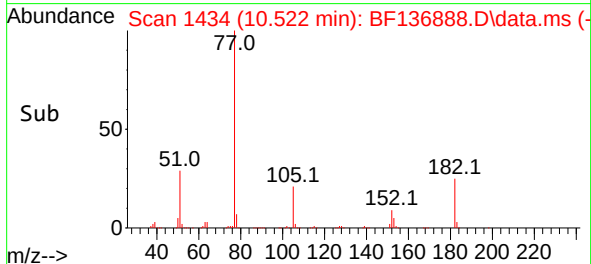
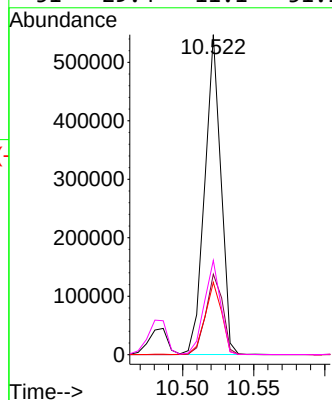
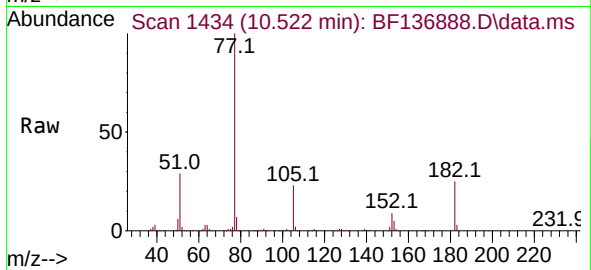




#63
Azobenzene
Concen: 41.172 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

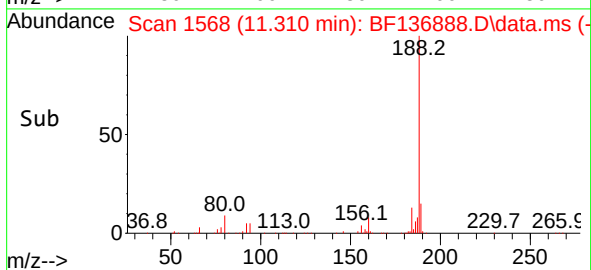
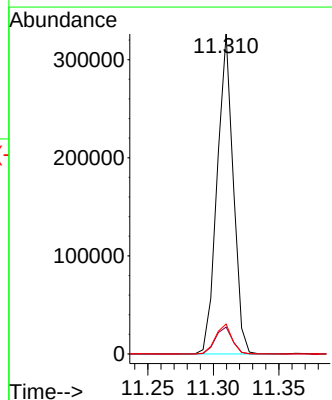
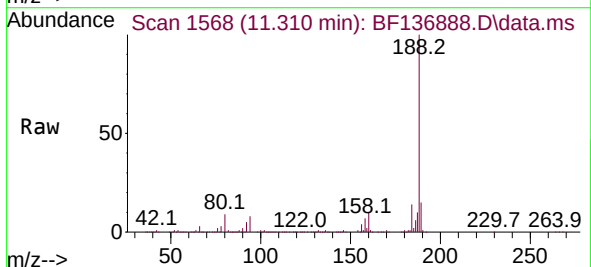
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

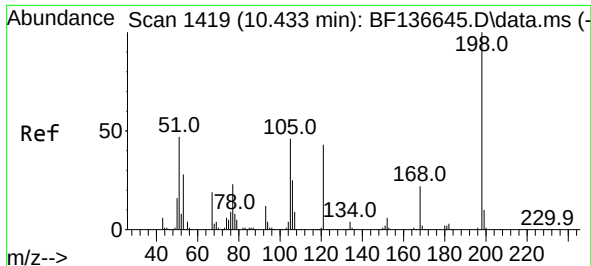
Tgt Ion: 77	Resp: 432795
Ion Ratio	Lower Upper
77 100	
182 25.2	6.0 46.0
105 22.6	2.3 42.3
51 29.4	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion:188	Resp: 278018
Ion Ratio	Lower Upper
188 100	
94 8.4	7.5 11.3
80 9.4	8.1 12.1

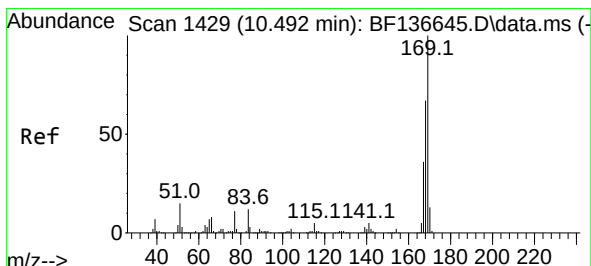
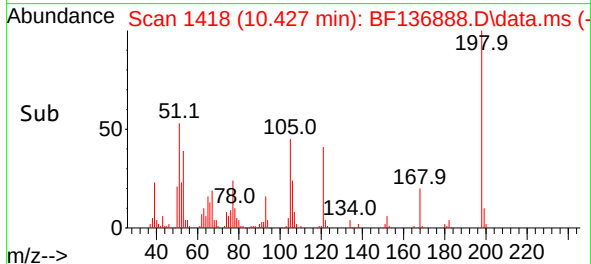
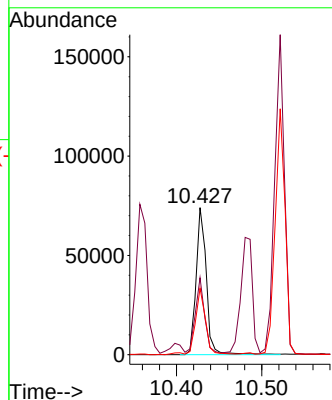
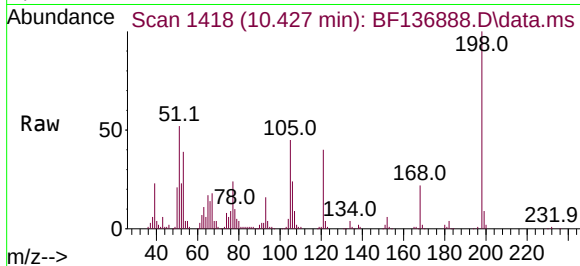




#65
4,6-Dinitro-2-methylphenol
Concen: 38.806 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

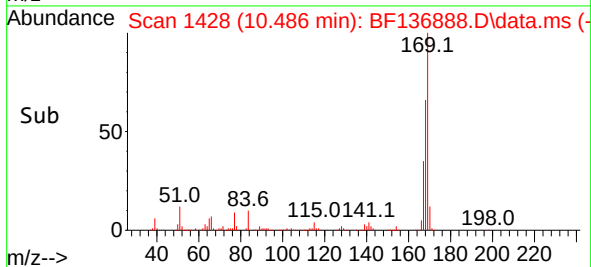
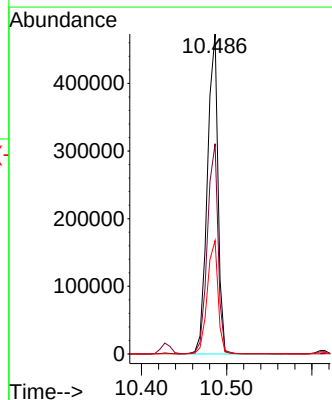
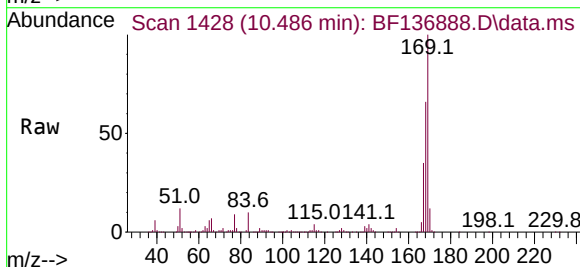
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

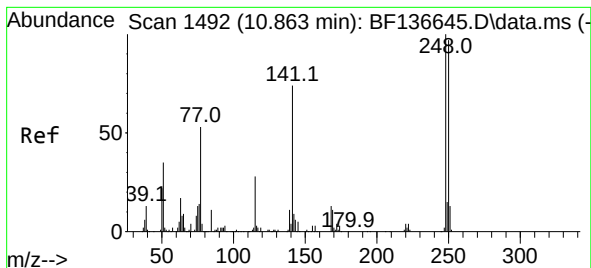
Tgt Ion:198 Resp: 61831
Ion Ratio Lower Upper
198 100
51 52.3 34.1 74.1
105 45.1 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 45.258 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion:169 Resp: 408737
Ion Ratio Lower Upper
169 100
168 65.7 53.8 80.6
167 35.5 28.7 43.1

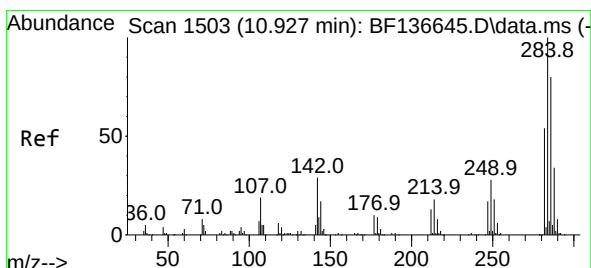
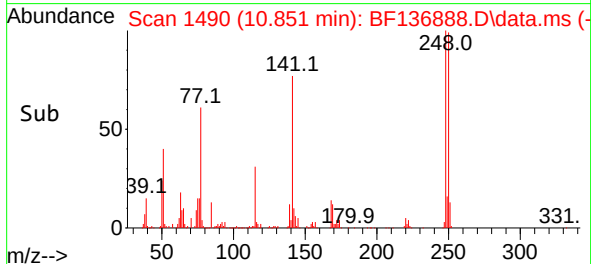
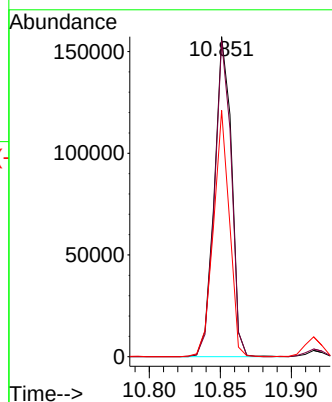
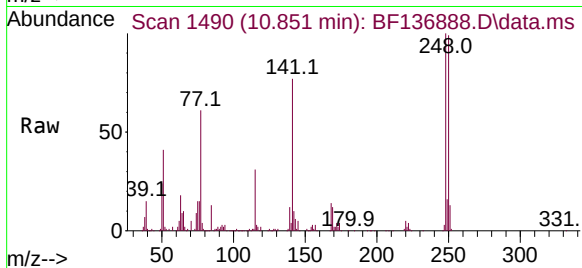




#67
4-Bromophenyl-phenylether
Concen: 42.830 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

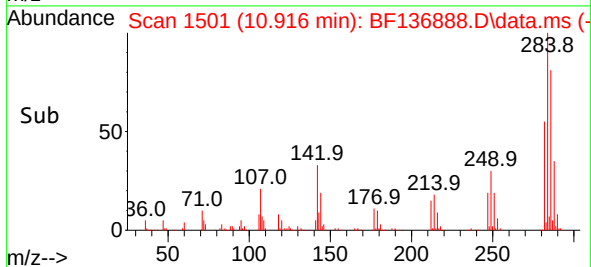
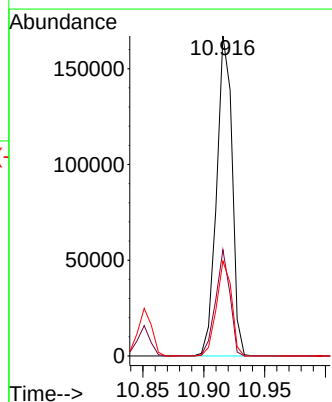
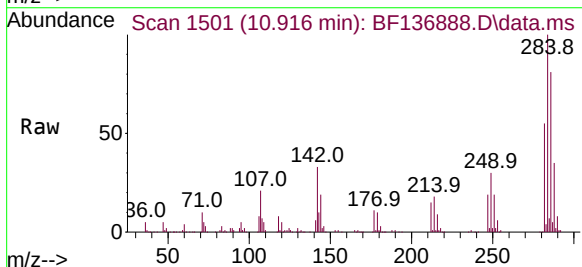
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

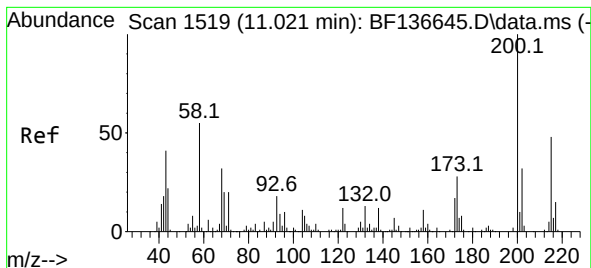
Tgt Ion:248 Resp: 132242
Ion Ratio Lower Upper
248 100
250 98.7 77.8 116.6
141 77.0 59.2 88.8



#68
Hexachlorobenzene
Concen: 42.935 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion:284 Resp: 147731
Ion Ratio Lower Upper
284 100
142 33.2 23.4 35.0
249 29.6 22.3 33.5





#69

Atrazine

Concen: 55.111 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MS

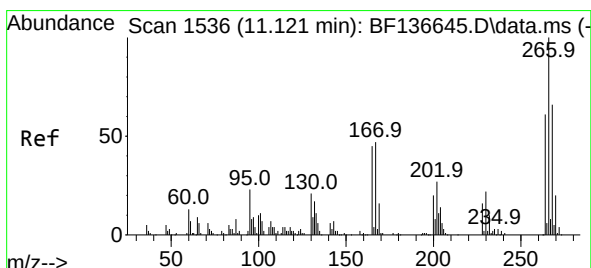
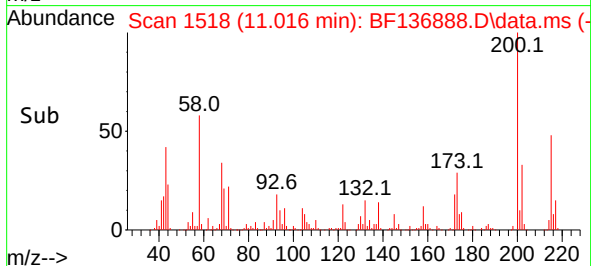
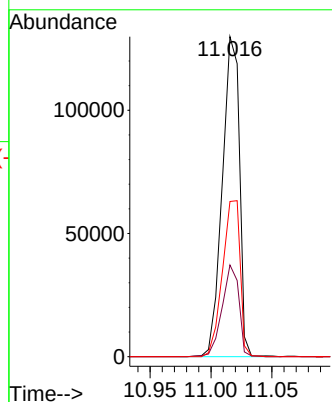
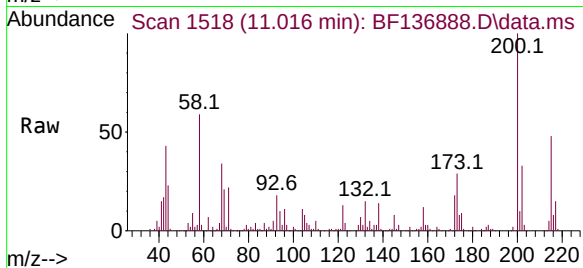
Tgt Ion:200 Resp: 127302

Ion Ratio Lower Upper

200 100

173 28.7 7.6 47.6

215 48.5 28.3 68.3



#70

Pentachlorophenol

Concen: 73.405 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

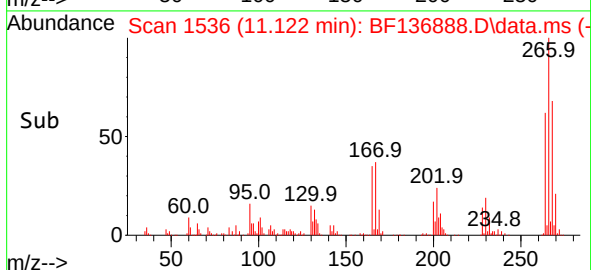
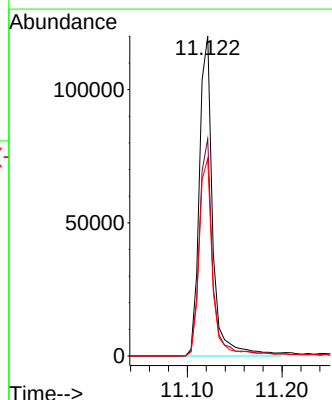
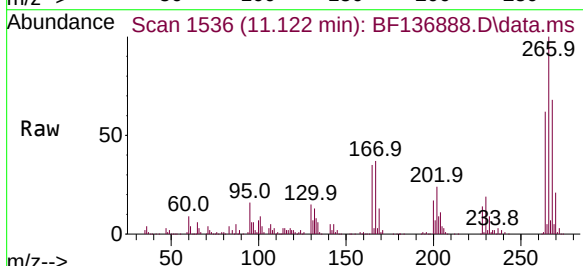
Tgt Ion:266 Resp: 117729

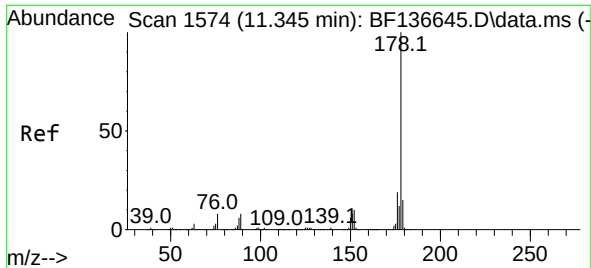
Ion Ratio Lower Upper

266 100

268 67.9 52.6 78.8

264 61.7 49.0 73.4

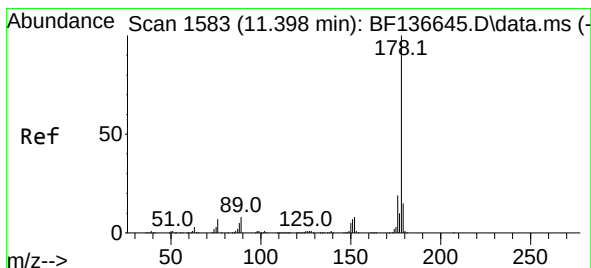
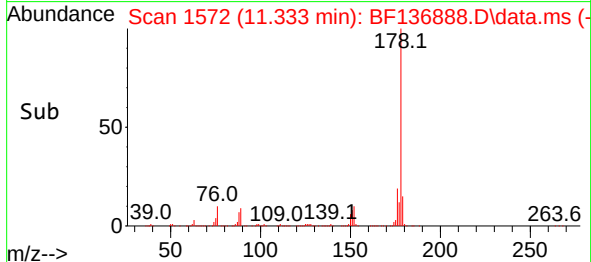
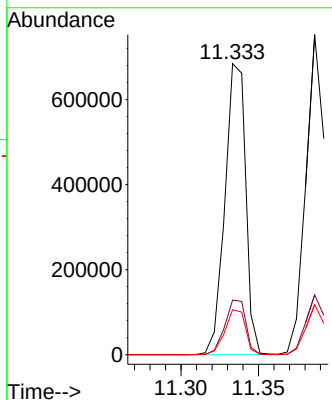
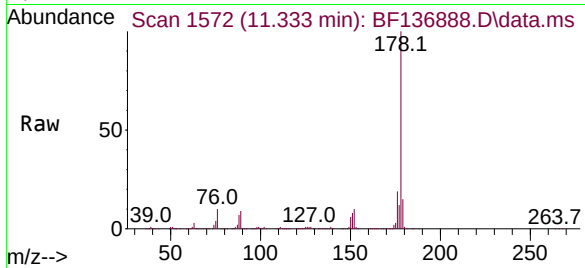




#71
Phenanthrene
Concen: 44.755 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

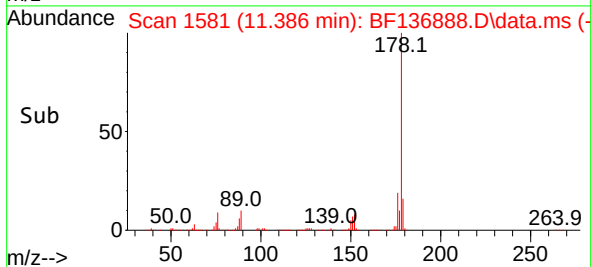
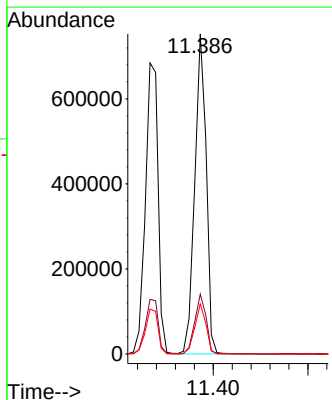
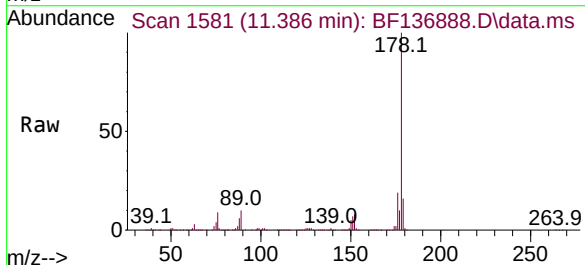
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

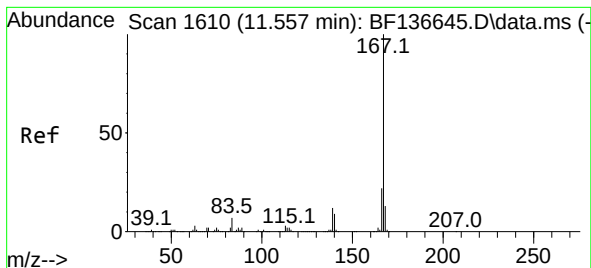
Tgt Ion:178 Resp: 638446
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.5 11.9 17.9



#72
Anthracene
Concen: 43.988 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion:178 Resp: 635485
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.7 11.8 17.6





#73

Carbazole

Concen: 41.990 ng

RT: 11.545 min Scan# 1608

Delta R.T. -0.012 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MS

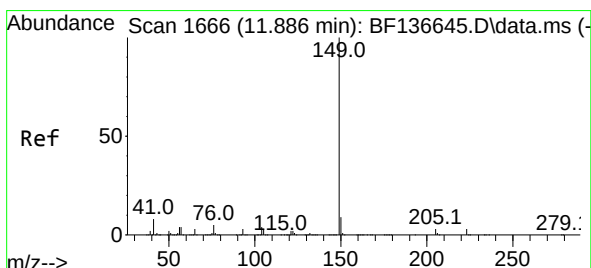
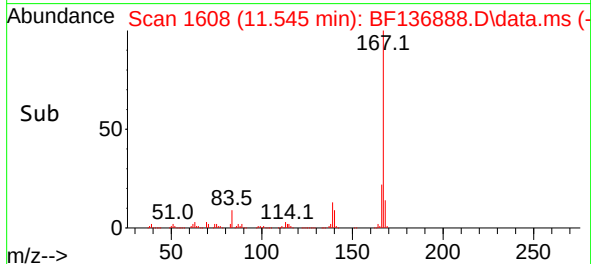
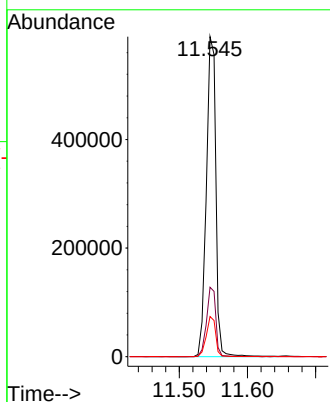
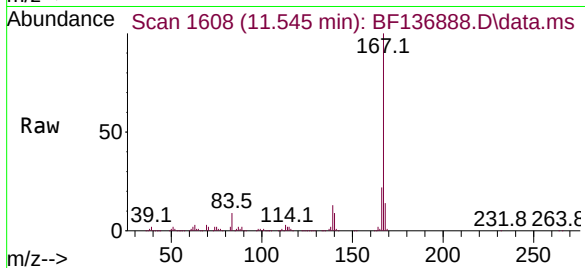
Tgt Ion:167 Resp: 571944

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 12.6 9.8 14.6



#74

Di-n-butylphthalate

Concen: 44.980 ng

RT: 11.874 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

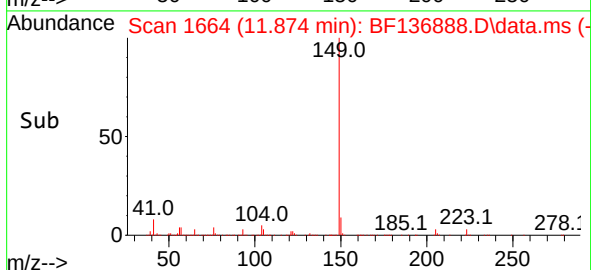
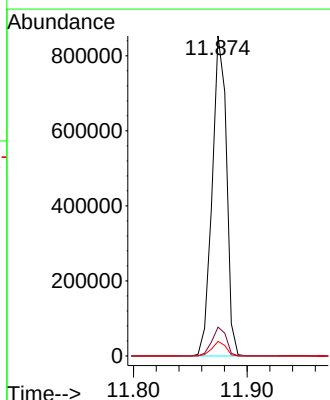
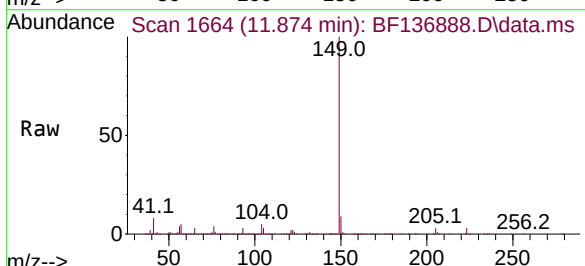
Tgt Ion:149 Resp: 747605

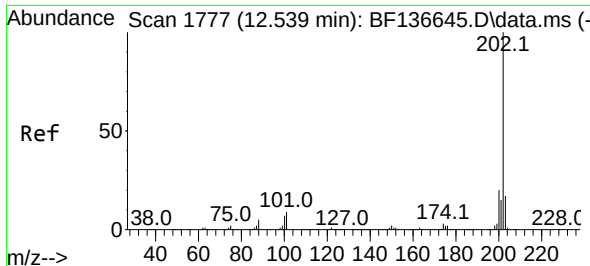
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 4.6 3.6 5.4

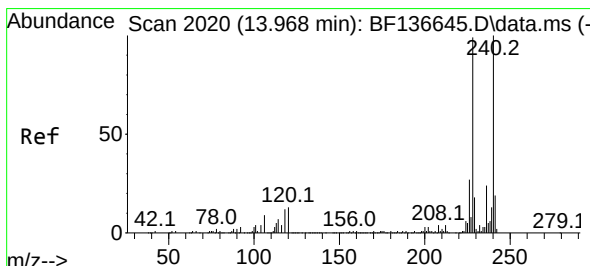
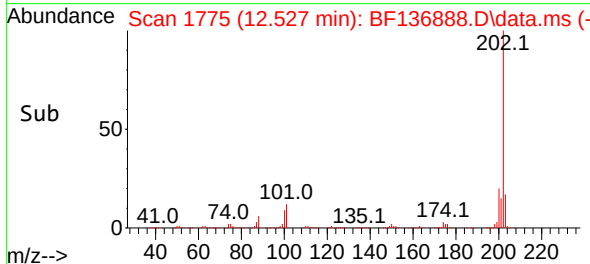
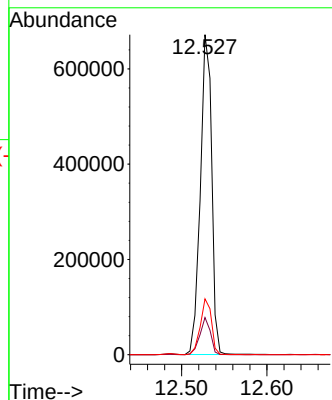
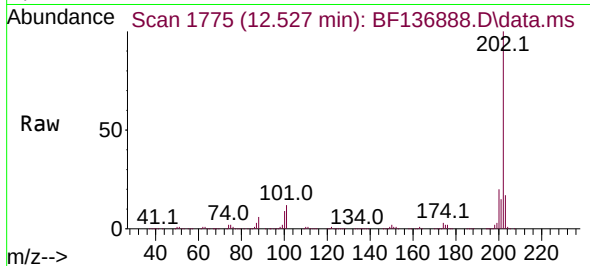




#75
Fluoranthene
Concen: 40.716 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

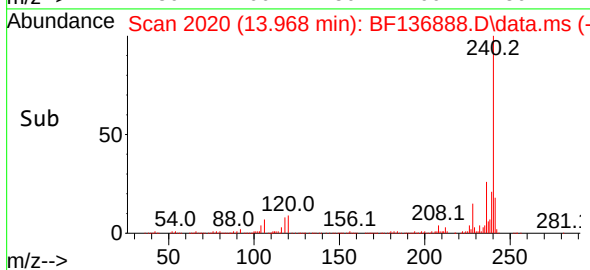
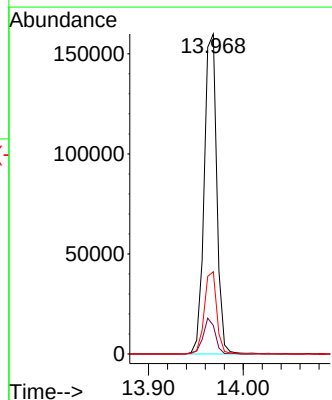
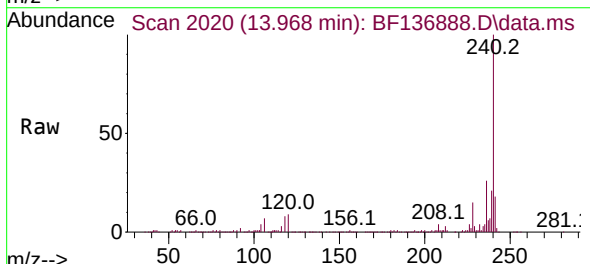
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

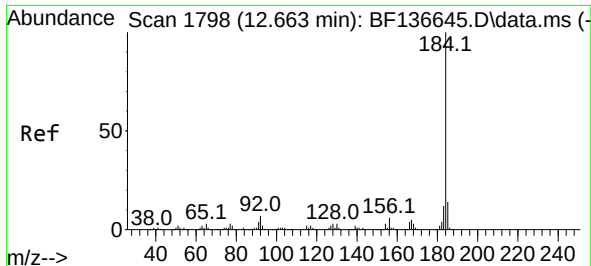
Tgt Ion:202 Resp: 621290
Ion Ratio Lower Upper
202 100
101 11.6 0.0 29.3
203 17.5 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion:240 Resp: 147216
Ion Ratio Lower Upper
240 100
120 8.9 10.3 15.5#
236 25.7 19.4 29.2

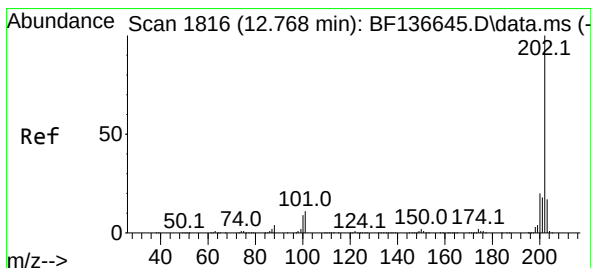
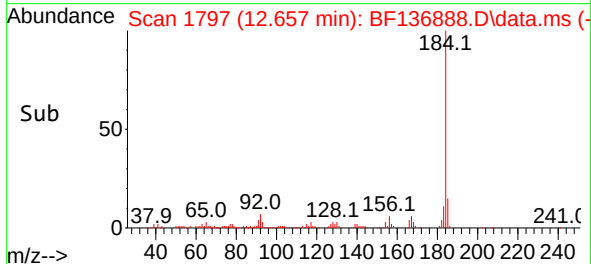
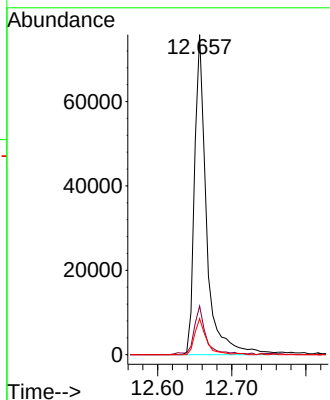
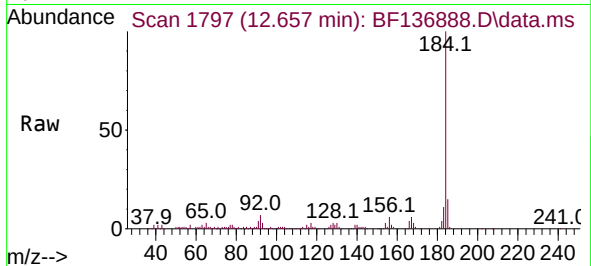




#77
Benzidine
Concen: 19.671 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

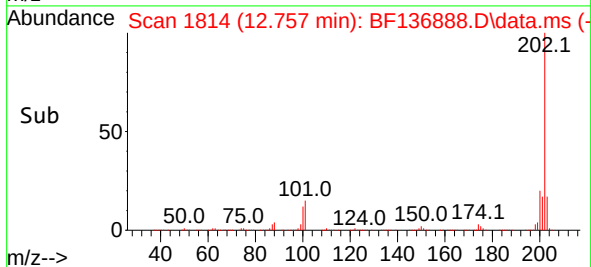
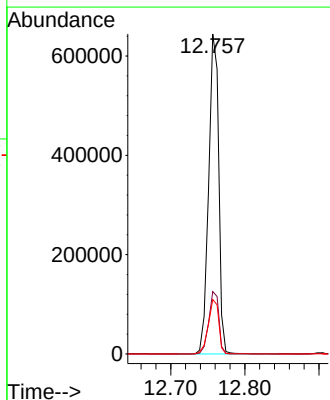
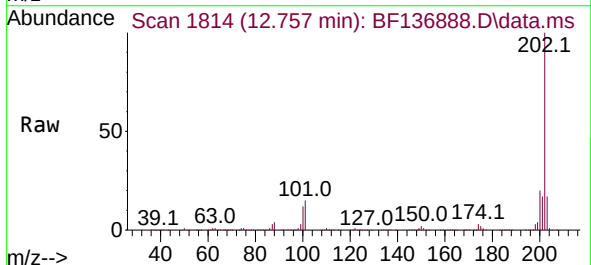
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

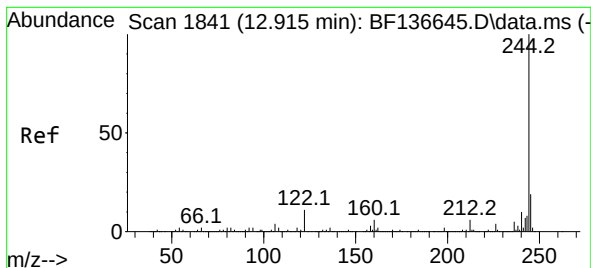
Tgt Ion:184 Resp: 85388
Ion Ratio Lower Upper
184 100
185 15.2 11.2 16.8
183 11.2 9.3 13.9



#78
Pyrene
Concen: 42.057 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion:202 Resp: 607793
Ion Ratio Lower Upper
202 100
200 19.5 15.9 23.9
203 17.0 13.8 20.6





#79

Terphenyl-d14

Concen: 59.814 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136888.D

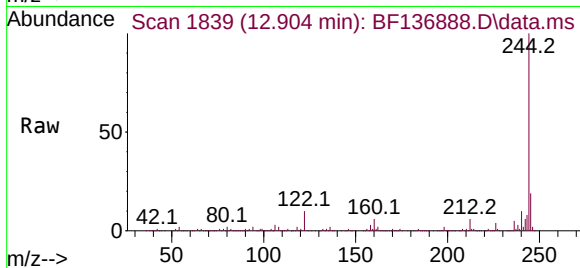
Acq: 03 Jan 2024 00:04

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MS



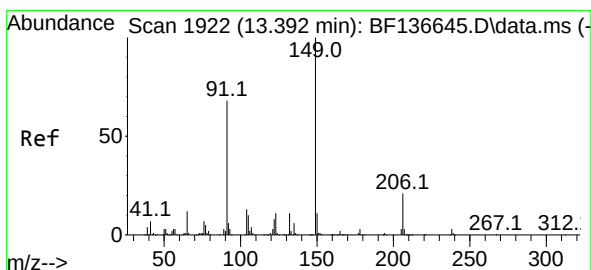
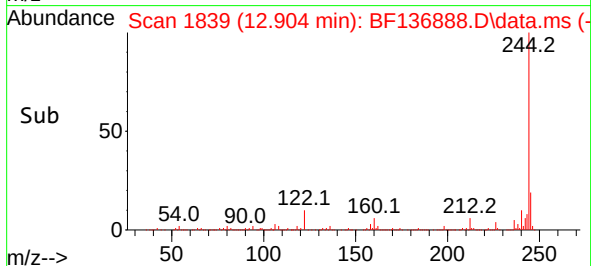
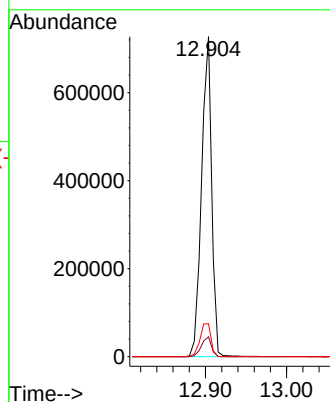
Tgt Ion:244 Resp: 630113

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 10.3 9.0 13.4



#80

Butylbenzylphthalate

Concen: 47.623 ng

RT: 13.380 min Scan# 1920

Delta R.T. -0.012 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

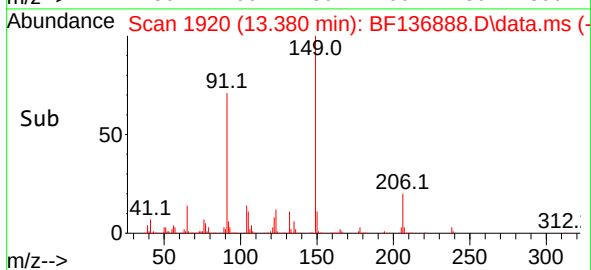
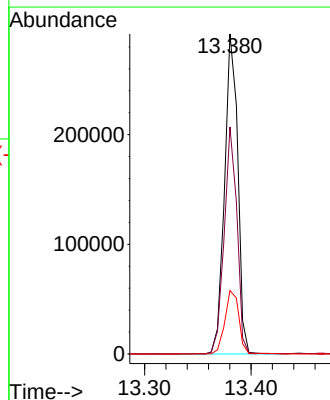
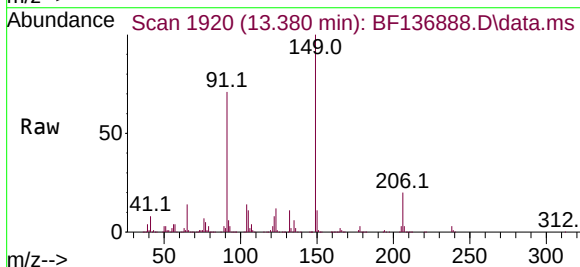
Tgt Ion:149 Resp: 250429

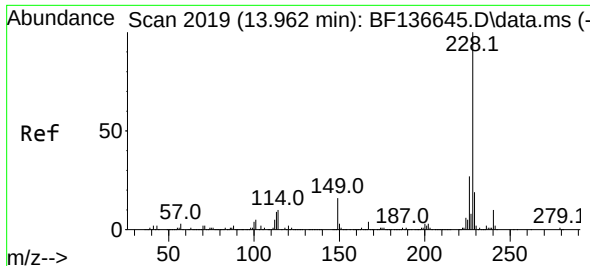
Ion Ratio Lower Upper

149 100

91 71.0 54.1 81.1

206 19.8 17.1 25.7

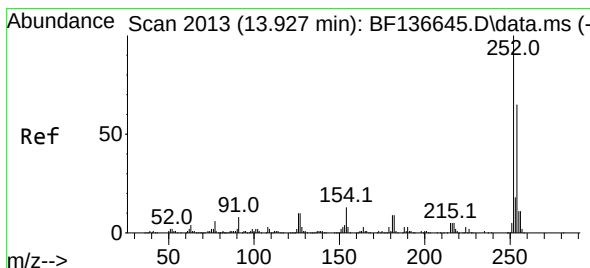
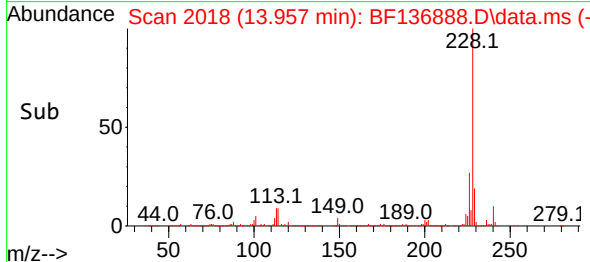
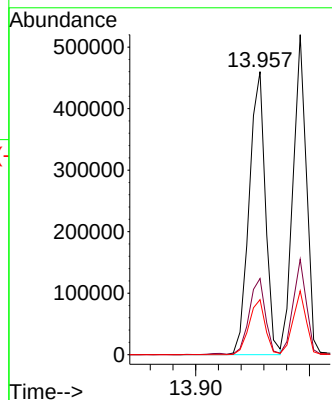
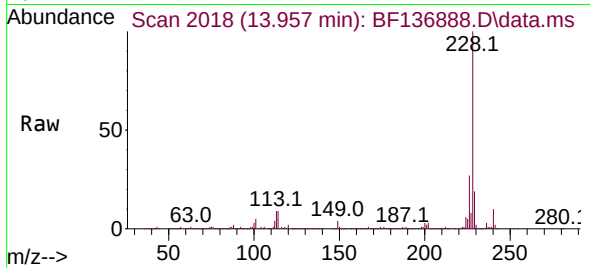




#81
Benzo(a)anthracene
Concen: 44.742 ng
RT: 13.957 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

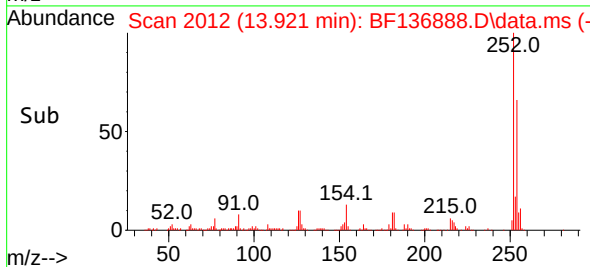
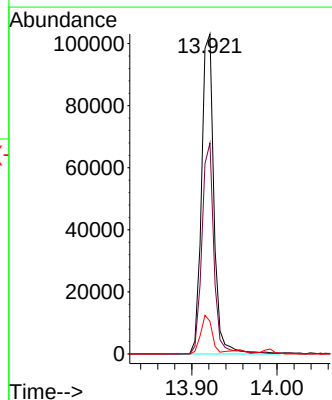
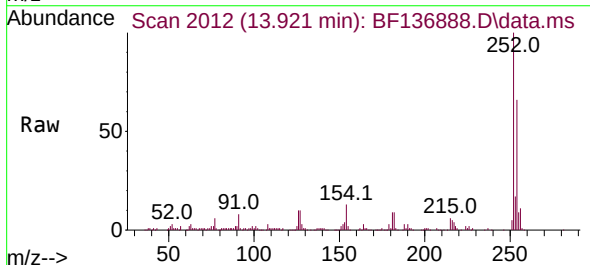
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

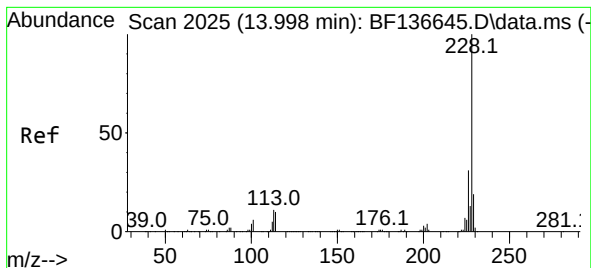
Tgt Ion:228 Resp: 457380
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.0
229 19.5 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 35.769 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion:252 Resp: 103841
Ion Ratio Lower Upper
252 100
254 65.9 52.2 78.4
126 10.2 8.0 12.0





#83

Chrysene

Concen: 42.602 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MS

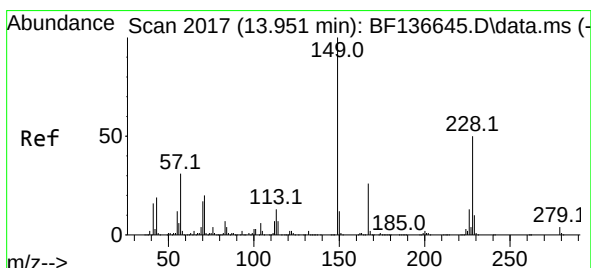
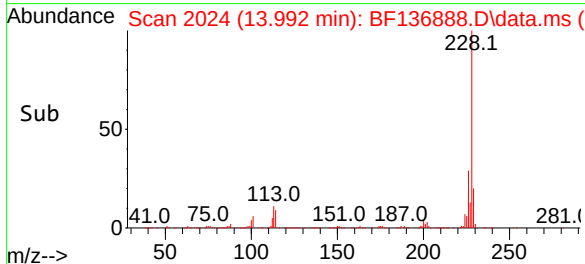
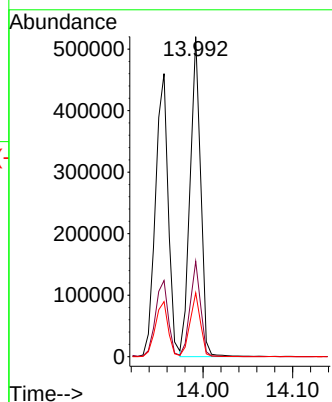
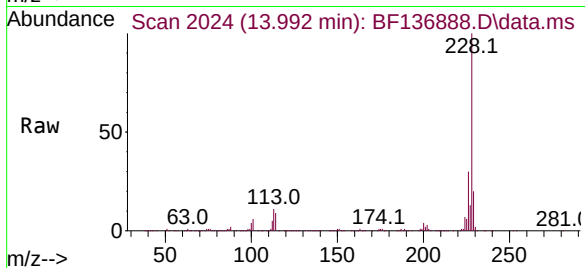
Tgt Ion:228 Resp: 425878

Ion Ratio Lower Upper

228 100

226 29.8 24.7 37.1

229 20.0 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.451 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

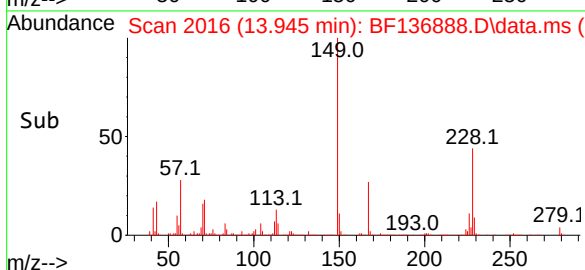
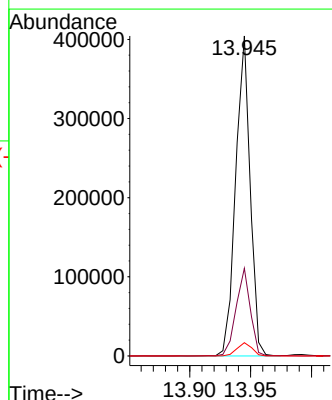
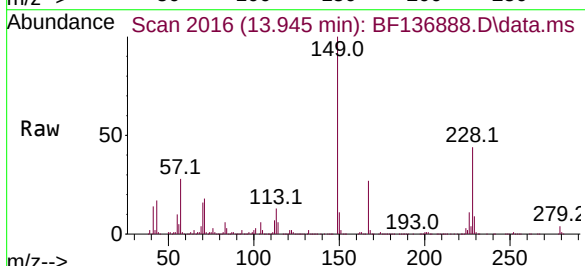
Tgt Ion:149 Resp: 333795

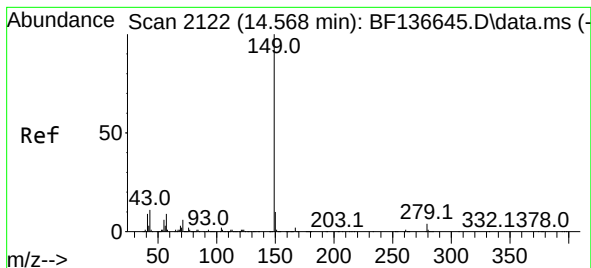
Ion Ratio Lower Upper

149 100

167 27.4 20.9 31.3

279 4.2 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 50.793 ng

RT: 14.562 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MS

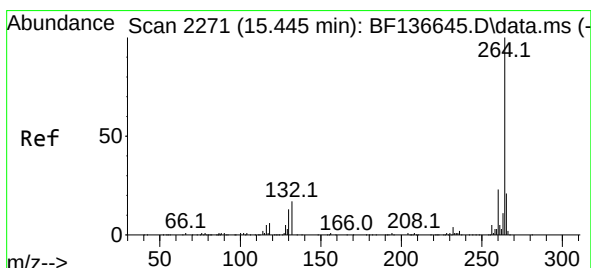
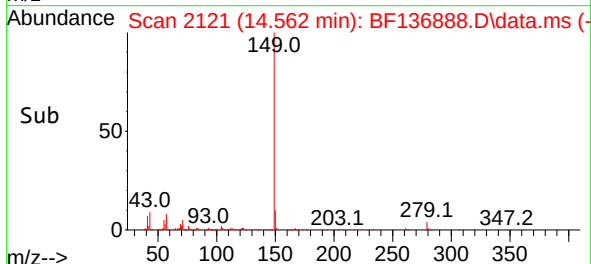
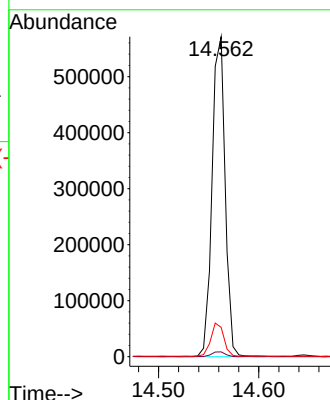
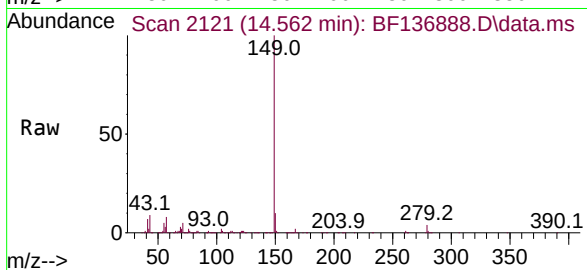
Tgt Ion:149 Resp: 519836

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.3 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

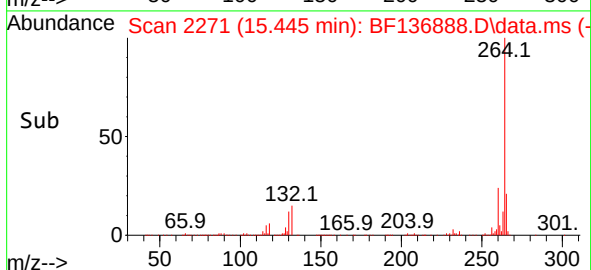
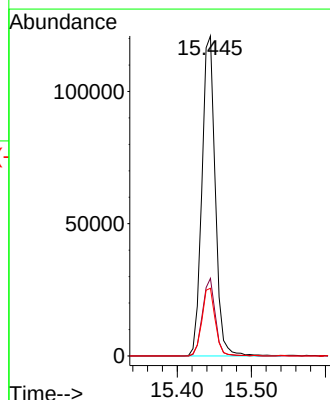
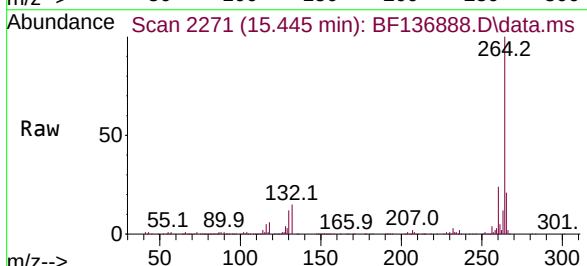
Tgt Ion:264 Resp: 151101

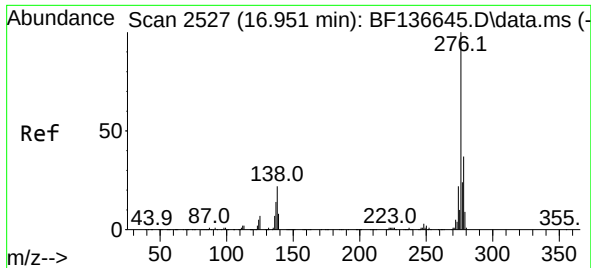
Ion Ratio Lower Upper

264 100

260 24.2 18.3 27.5

265 21.1 17.0 25.6

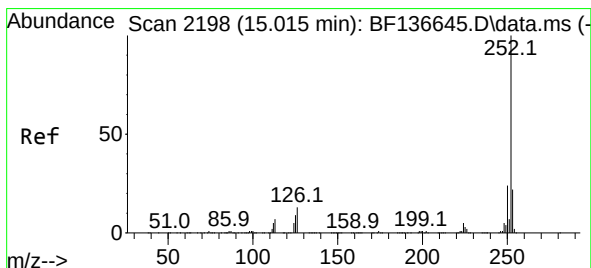
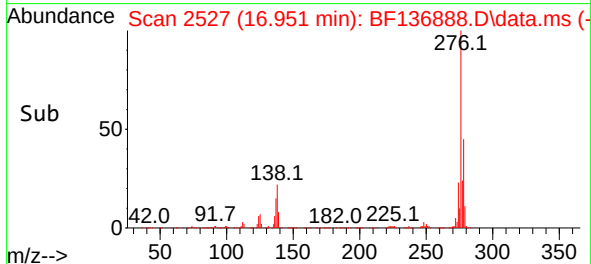
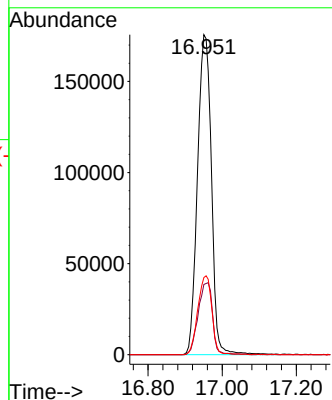
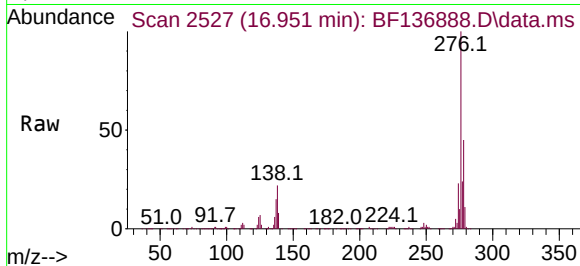




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.916 ng
RT: 16.951 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

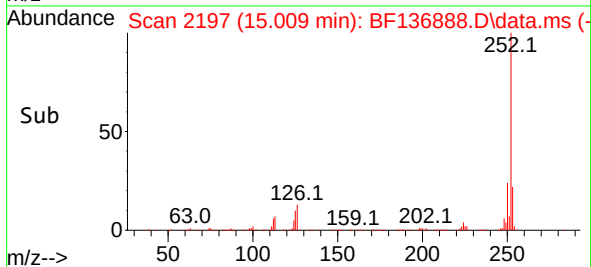
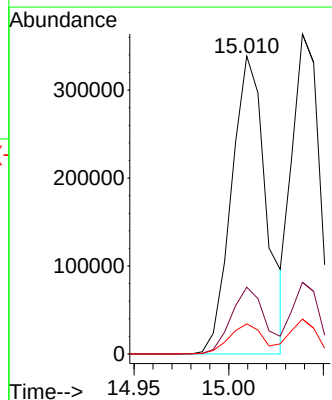
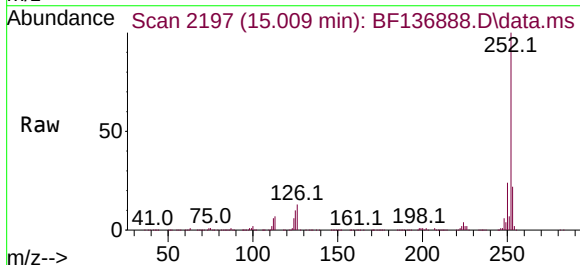
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

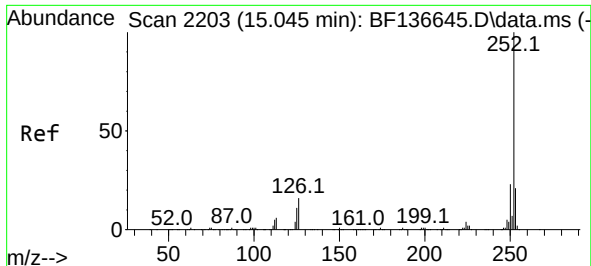
Tgt Ion:276 Resp: 457286
Ion Ratio Lower Upper
276 100
138 23.2 18.7 28.1
277 24.9 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 42.765 ng
RT: 15.009 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion:252 Resp: 431590
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 10.1 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 38.836 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MS

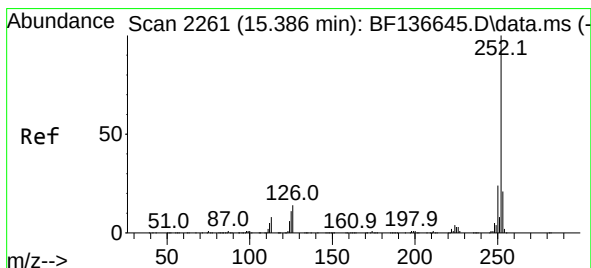
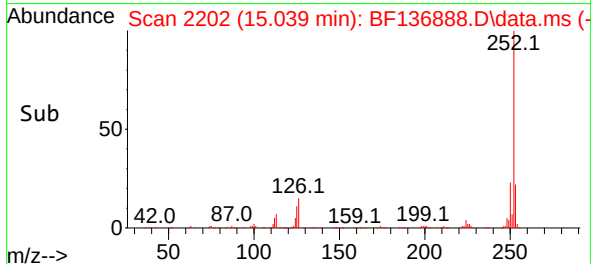
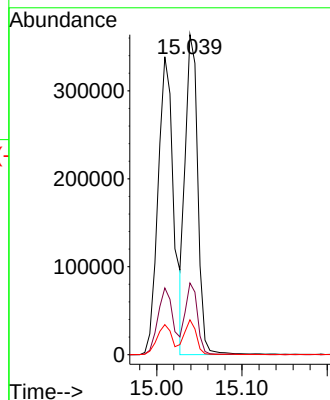
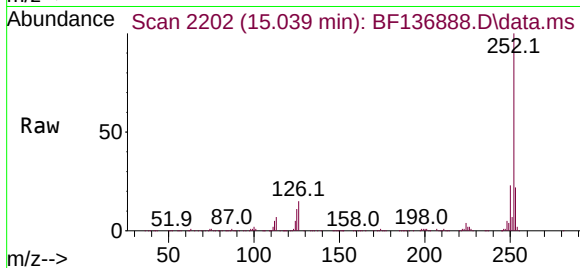
Tgt Ion:252 Resp: 370344

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

125 10.9 8.2 12.4



#90

Benzo(a)pyrene

Concen: 42.676 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.006 min

Lab File: BF136888.D

Acq: 03 Jan 2024 00:04

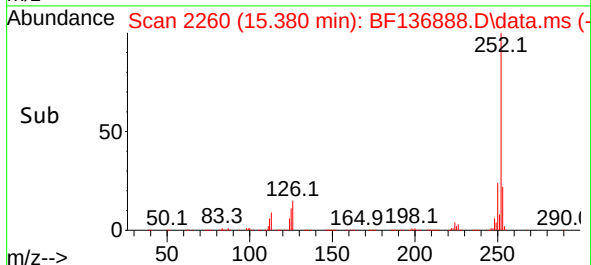
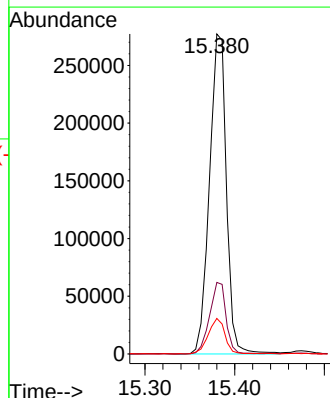
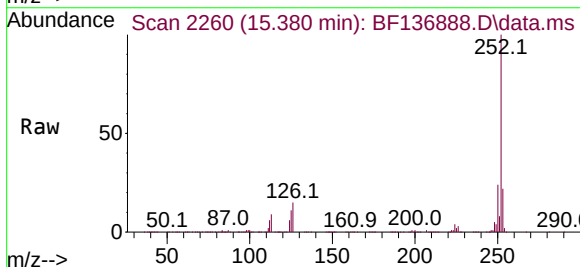
Tgt Ion:252 Resp: 363547

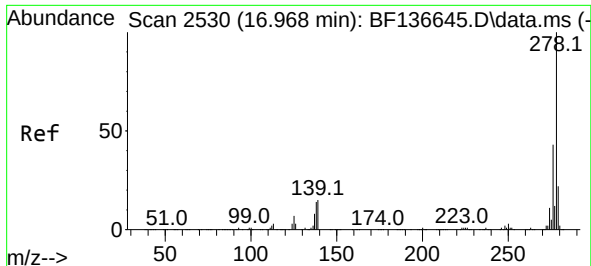
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 11.1 8.8 13.2

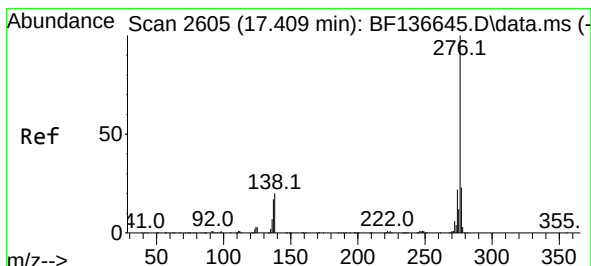
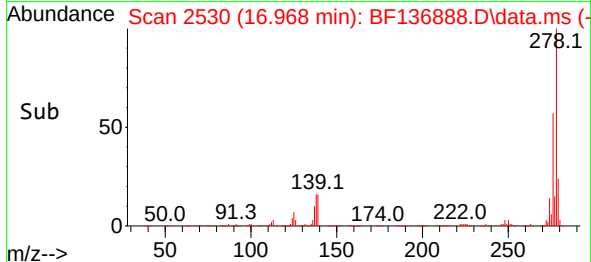
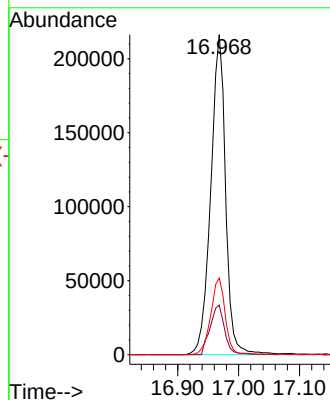
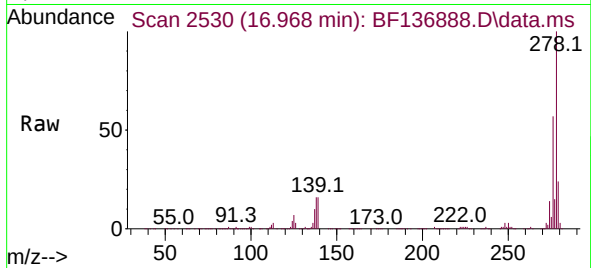




#91
Dibenzo(a,h)anthracene
Concen: 40.948 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MS

Tgt Ion:278 Resp: 366495
Ion Ratio Lower Upper
278 100
139 15.5 12.2 18.4
279 24.0 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 39.137 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136888.D
Acq: 03 Jan 2024 00:04

Tgt Ion:276 Resp: 358774
Ion Ratio Lower Upper
276 100
277 22.8 18.3 27.5
138 20.6 15.6 23.4

