

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136889.D
 Acq On : 03 Jan 2024 00:35
 Operator : CG\JU
 Sample : 05899-09MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jan 03 02:07:23 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	71890	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	276601	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	140886	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	259431	20.000	ng	0.00
76) Chrysene-d12	13.963	240	136665	20.000	ng	0.00
86) Perylene-d12	15.445	264	144219	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	433123	94.004	ng	0.00
7) Phenol-d6	6.434	99	553315	92.680	ng	0.00
23) Nitrobenzene-d5	7.345	82	344005	63.641	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	156072	94.062	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	673669	64.313	ng	-0.01
79) Terphenyl-d14	12.904	244	607048	62.074	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	77877	40.566	ng	98
3) Pyridine	3.387	79	184390	39.366	ng	94
4) n-Nitrosodimethylamine	3.357	42	104987	41.972	ng	97
6) Aniline	6.451	93	136958	22.945	ng	# 22
8) 2-Chlorophenol	6.575	128	226490	44.919	ng	92
9) Benzaldehyde	6.334	77	53812	15.846	ng	96
10) Phenol	6.446	94	271347	42.576	ng	95
11) bis(2-Chloroethyl)ether	6.522	93	215309	44.423	ng	97
12) 1,3-Dichlorobenzene	6.722	146	230277	41.865	ng	97
13) 1,4-Dichlorobenzene	6.798	146	235710	41.940	ng	98
14) 1,2-Dichlorobenzene	6.951	146	224069	42.846	ng	98
15) Benzyl Alcohol	6.934	79	184973	45.925	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	336004	42.403	ng	85
17) 2-Methylphenol	7.045	107	179934	43.077	ng	99
18) Hexachloroethane	7.287	117	85929	42.100	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	152584	42.161	ng	95
20) 3+4-Methylphenols	7.198	107	230512	44.172	ng	# 78
22) Acetophenone	7.193	105	318252	45.904	ng	# 90
24) Nitrobenzene	7.363	77	230857	42.634	ng	99
25) Isophorone	7.604	82	422861	42.992	ng	99
26) 2-Nitrophenol	7.681	139	119077	45.964	ng	98
27) 2,4-Dimethylphenol	7.722	122	168816	53.524	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	261304	43.706	ng	99
29) 2,4-Dichlorophenol	7.928	162	181908	44.799	ng	94
30) 1,2,4-Trichlorobenzene	7.998	180	193974	42.875	ng	98
31) Naphthalene	8.081	128	653636	43.014	ng	100
32) Benzoic acid	7.869	122	136840	44.840	ng	100
33) 4-Chloroaniline	8.145	127	22852	4.073	ng	95
34) Hexachlorobutadiene	8.192	225	114496	41.654	ng	99
35) Caprolactam	8.516	113	48477	36.189	ng	96
36) 4-Chloro-3-methylphenol	8.634	107	198869	43.504	ng	98
37) 2-Methylnaphthalene	8.775	142	420650	43.013	ng	98
38) 1-Methylnaphthalene	8.875	142	399839	41.674	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	204468	46.862	ng	99
41) Hexachlorocyclopentadiene	8.922	237	146096	103.485	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	128562	45.945	ng	98

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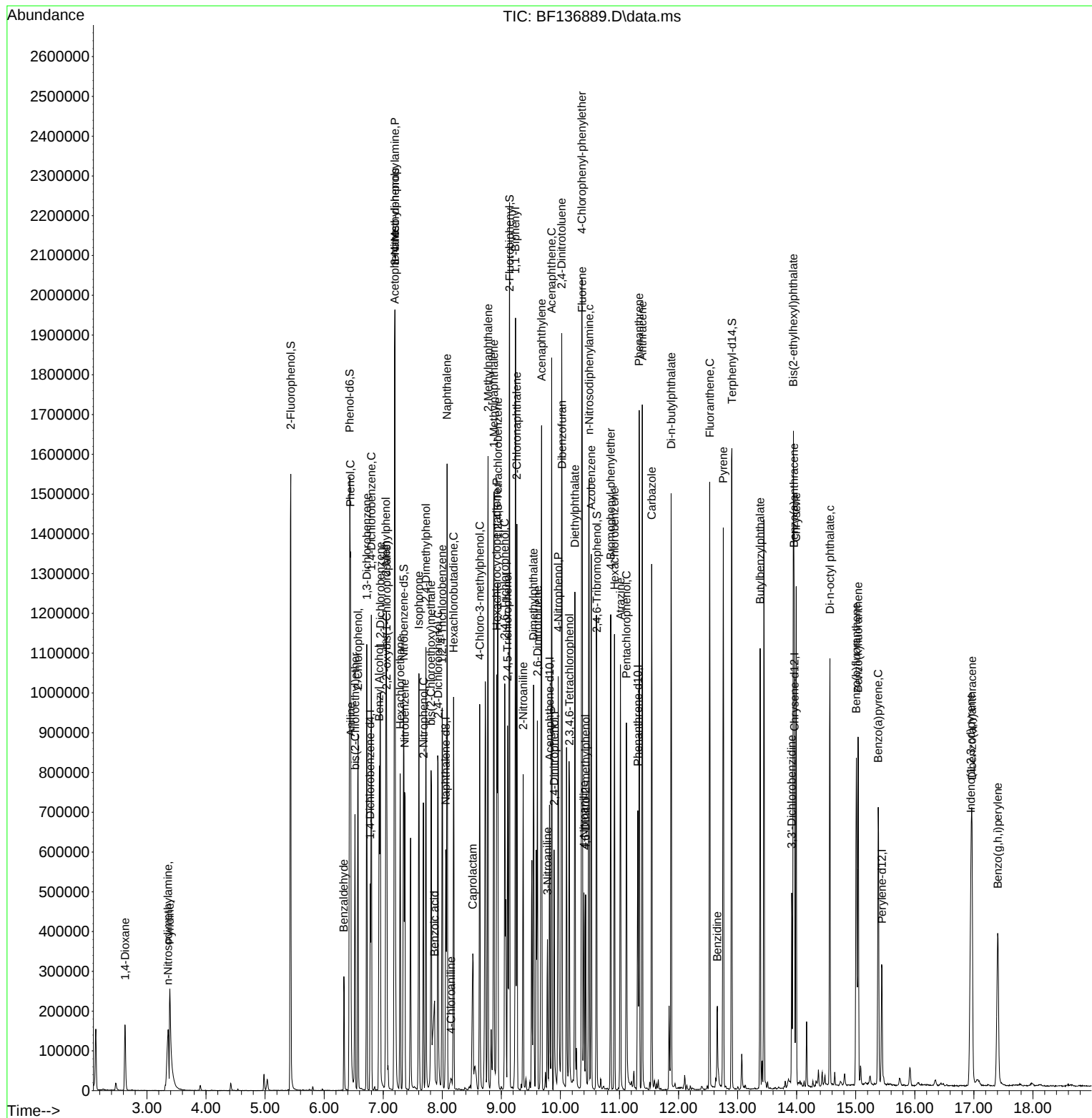
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	136502	43.776	ng	96
46) 1,1'-Biphenyl	9.239	154	543206	45.947	ng	99
47) 2-Chloronaphthalene	9.263	162	393348	43.765	ng	99
48) 2-Nitroaniline	9.369	65	122789	43.628	ng	95
49) Acenaphthylene	9.681	152	653965	47.604	ng	99
50) Dimethylphthalate	9.545	163	469279	45.602	ng	99
51) 2,6-Dinitrotoluene	9.610	165	103299	44.230	ng	89
52) Acenaphthene	9.851	154	372640	43.760	ng	99
53) 3-Nitroaniline	9.781	138	55467	22.420	ng	92
54) 2,4-Dinitrophenol	9.892	184	83609	65.314	ng	# 84
55) Dibenzofuran	10.028	168	569236	44.098	ng	97
56) 4-Nitrophenol	9.963	139	124827	74.742	ng	95
57) 2,4-Dinitrotoluene	10.022	165	128768	42.471	ng	95
58) Fluorene	10.369	166	452379	44.167	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	111605	46.496	ng	97
60) Diethylphthalate	10.245	149	465678	43.614	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	214708	43.127	ng	93
62) 4-Nitroaniline	10.398	138	96320	40.386	ng	98
63) Azobenzene	10.522	77	427031	42.821	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	58176	39.128	ng	96
66) n-Nitrosodiphenylamine	10.486	169	401980	47.699	ng	98
67) 4-Bromophenyl-phenylether	10.851	248	130778	45.391	ng	98
68) Hexachlorobenzene	10.916	284	145241	45.235	ng	96
69) Atrazine	11.016	200	124785	57.891	ng	99
70) Pentachlorophenol	11.116	266	113949	76.139	ng	99
71) Phenanthrene	11.333	178	618309	46.449	ng	99
72) Anthracene	11.386	178	623622	46.259	ng	99
73) Carbazole	11.545	167	549996	43.272	ng	99
74) Di-n-butylphthalate	11.875	149	727209	46.888	ng	99
75) Fluoranthene	12.527	202	594030	41.719	ng	98
77) Benzidine	12.657	184	100970	25.057	ng	99
78) Pyrene	12.757	202	590876	44.043	ng	99
80) Butylbenzylphthalate	13.380	149	239861	49.135	ng	97
81) Benzo(a)anthracene	13.957	228	435300	45.870	ng	98
82) 3,3'-Dichlorobenzidine	13.916	252	110156	40.874	ng	# 98
83) Chrysene	13.992	228	412425	44.442	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	320115	52.119	ng	97
85) Di-n-octyl phthalate	14.563	149	504374	53.087	ng	97
87) Indeno(1,2,3-cd)pyrene	16.951	276	435031	41.778	ng	99
88) Benzo(b)fluoranthene	15.010	252	430124	44.653	ng	97
89) Benzo(k)fluoranthene	15.039	252	370845	40.744	ng	99
90) Benzo(a)pyrene	15.380	252	364119	44.782	ng	100
91) Dibenzo(a,h)anthracene	16.968	278	364013	42.611	ng	98
92) Benzo(g,h,i)perylene	17.404	276	344574	39.382	ng	98

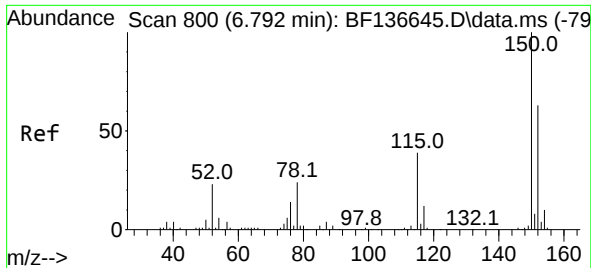
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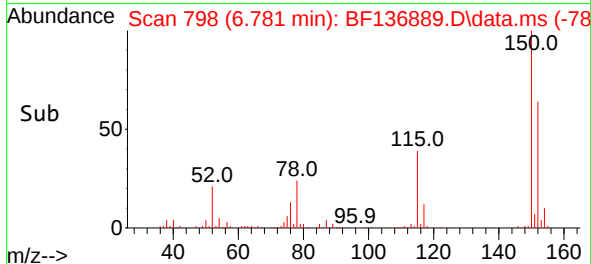
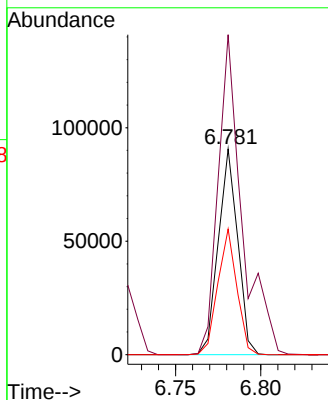
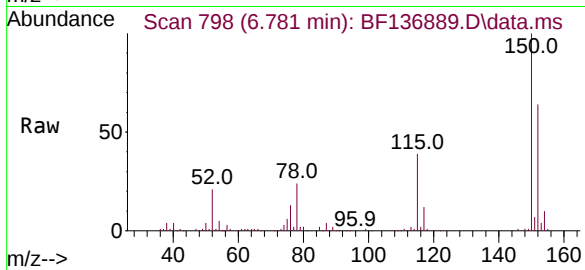




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

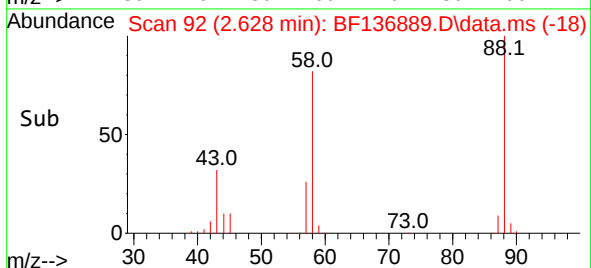
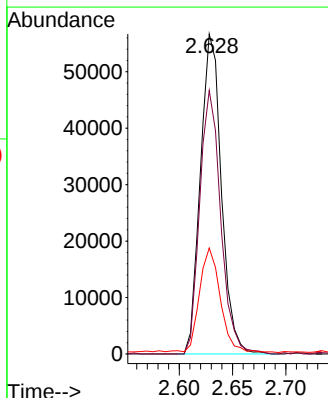
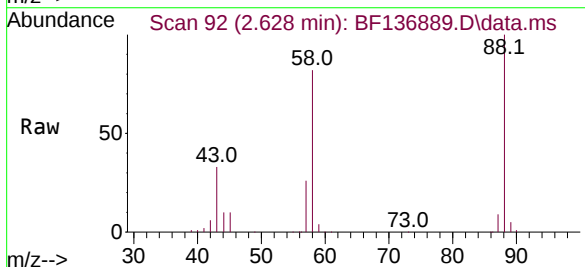
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MSD

Tgt Ion:152 Resp: 71890
Ion Ratio Lower Upper
152 100
150 155.5 127.0 190.6
115 61.0 49.0 73.4



#2
1,4-Dioxane
Concen: 40.566 ng
RT: 2.628 min Scan# 92
Delta R.T. 0.083 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt Ion: 88 Resp: 77877
Ion Ratio Lower Upper
88 100
58 82.4 67.4 101.0
43 32.8 27.7 41.5

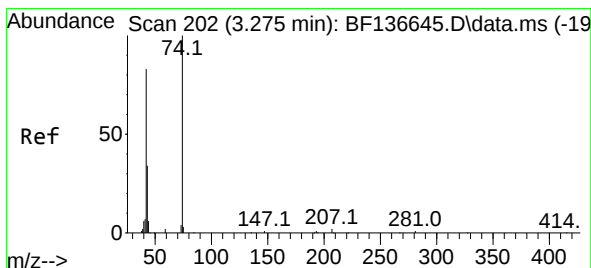
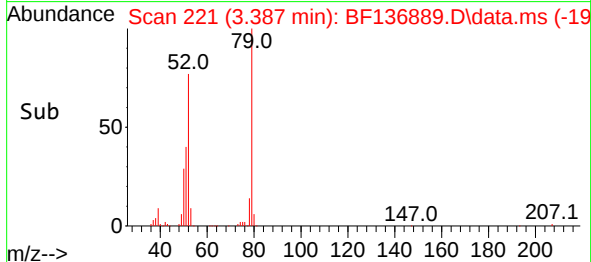
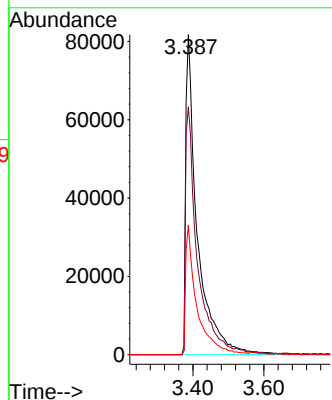
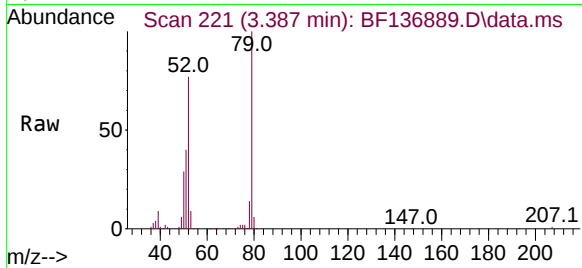




#3
Pyridine
Concen: 39.366 ng
RT: 3.387 min Scan# 216
Delta R.T. 0.083 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

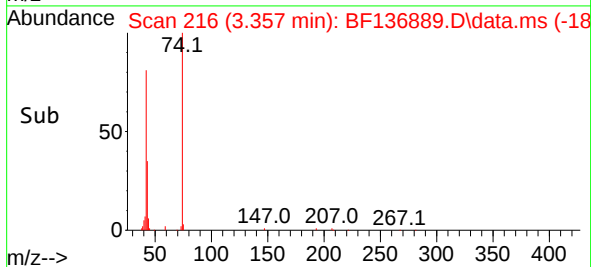
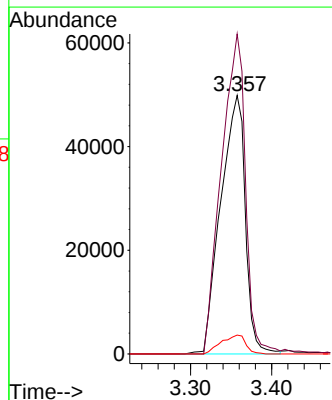
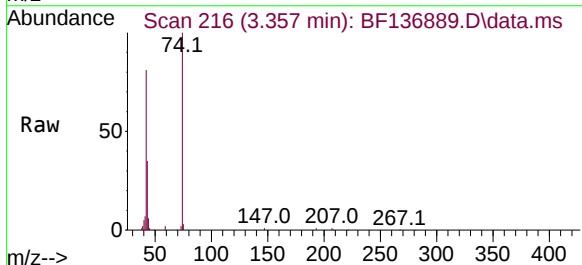
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ClientSampleId :
GHL-SS-15-2-4MSD

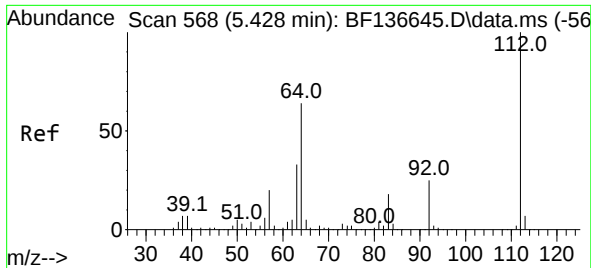
Tgt Ion: 79 Resp: 184390
Ion Ratio Lower Upper
79 100
52 77.4 67.7 101.5
51 40.5 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 41.972 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.083 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt Ion: 42 Resp: 104987
Ion Ratio Lower Upper
42 100
74 123.8 96.0 144.0
44 7.3 5.4 8.2

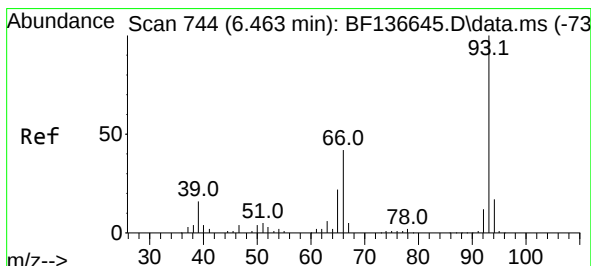
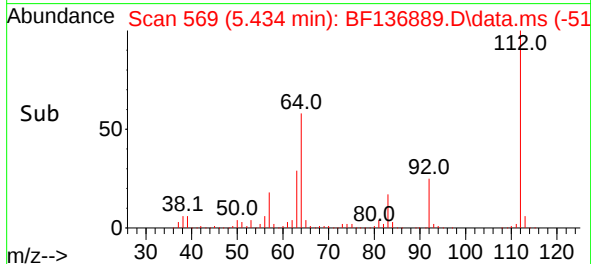
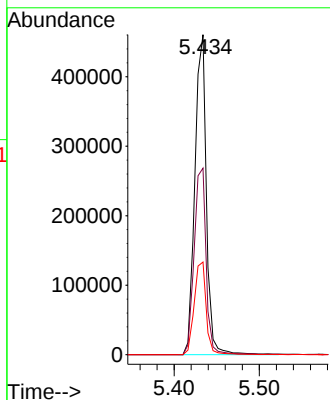
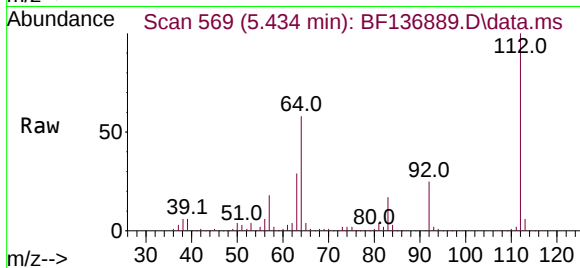




#5
2-Fluorophenol
Concen: 94.004 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

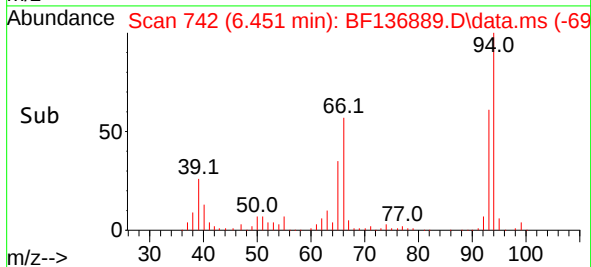
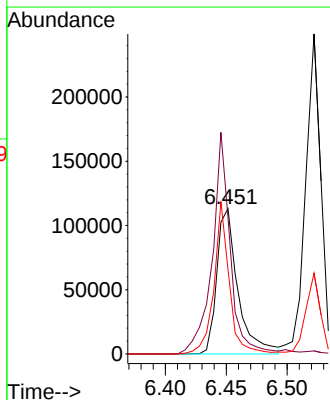
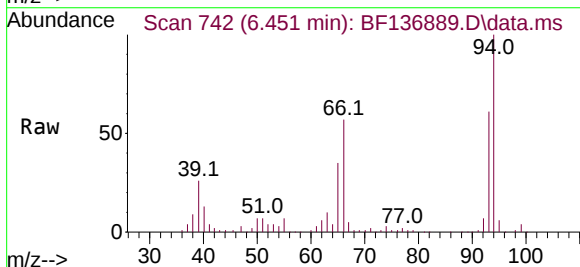
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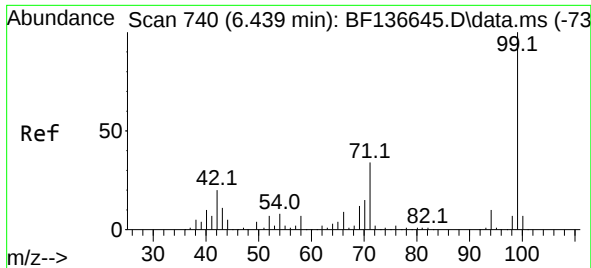
Tgt Ion:112 Resp: 433123
Ion Ratio Lower Upper
112 100
64 58.3 51.1 76.7
63 29.0 26.1 39.1



#6
Aniline
Concen: 22.945 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt Ion: 93 Resp: 136958
Ion Ratio Lower Upper
93 100
66 94.0 34.6 51.8#
65 58.3 17.8 26.8#

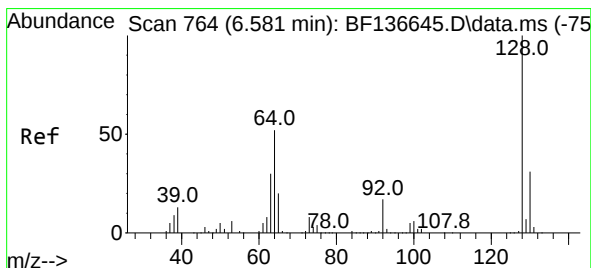
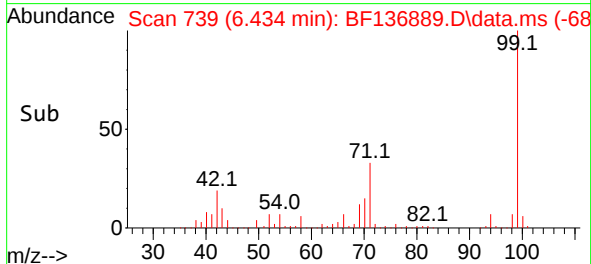
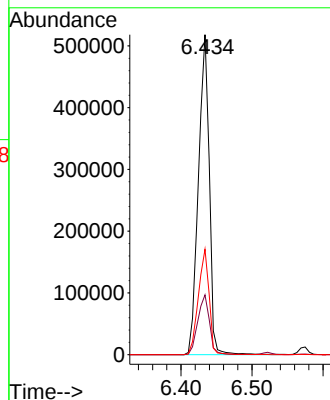
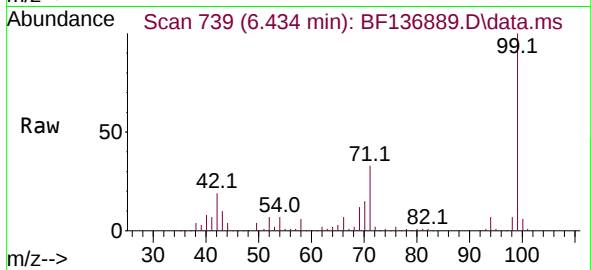




#7
Phenol-d6
Concen: 92.680 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

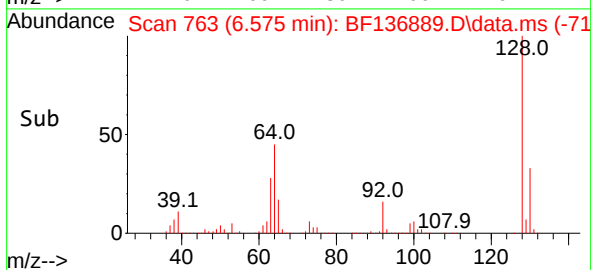
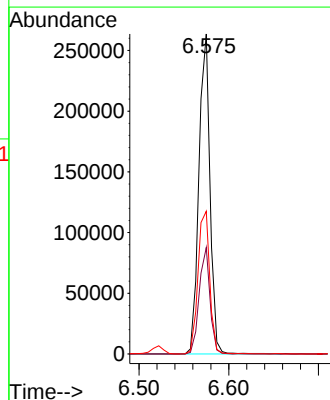
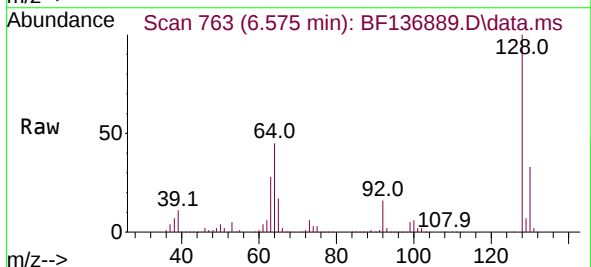
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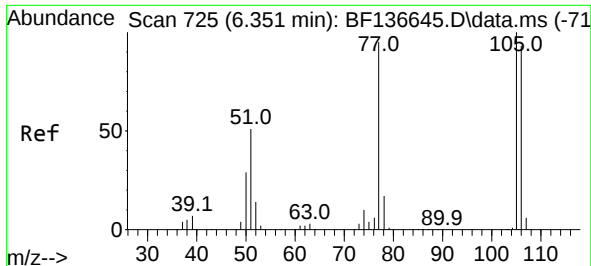
Tgt Ion: 99 Resp: 553315
Ion Ratio Lower Upper
99 100
42 18.7 16.1 24.1
71 32.9 27.4 41.2



#8
2-Chlorophenol
Concen: 44.919 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt Ion:128 Resp: 226490
Ion Ratio Lower Upper
128 100
130 33.2 11.3 51.3
64 44.6 32.5 72.5





#9

Benzaldehyde

Concen: 15.846 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.017 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

Instrument :

BNA_F

ClientSampleId :

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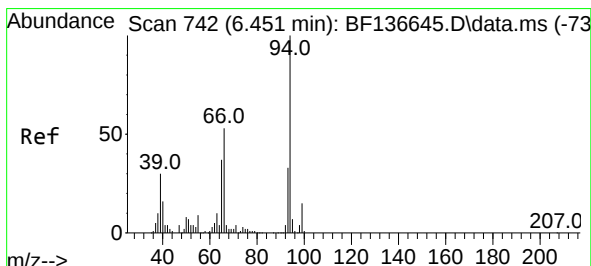
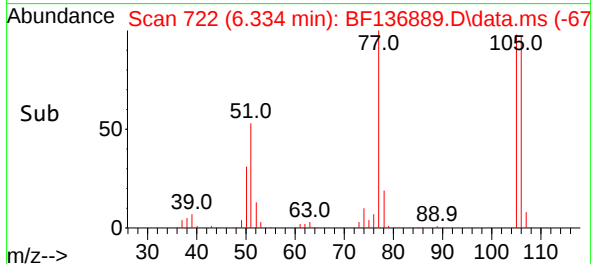
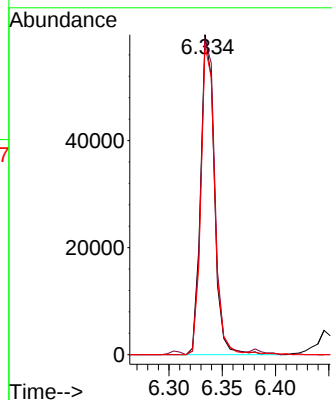
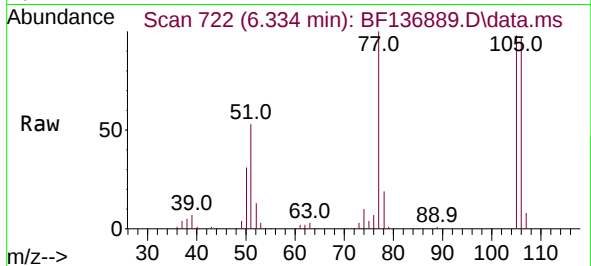
Tgt Ion: 77 Resp: 53812

Ion Ratio Lower Upper

77 100

105 98.5 84.8 124.8

106 96.6 77.8 117.8



#10

Phenol

Concen: 42.576 ng

RT: 6.446 min Scan# 741

Delta R.T. -0.006 min

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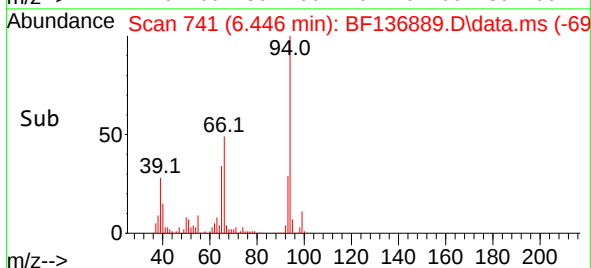
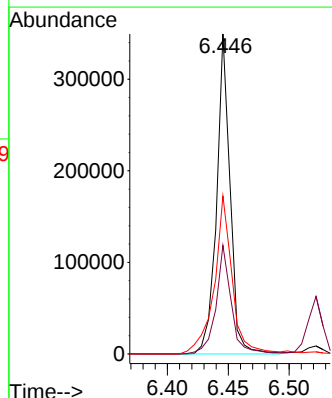
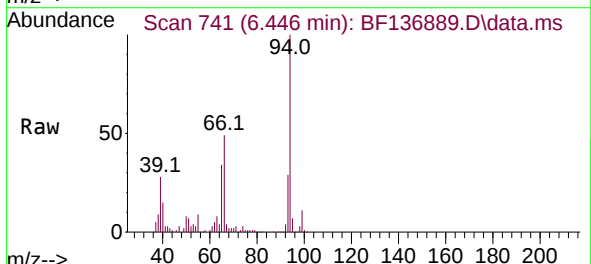
Tgt Ion: 94 Resp: 271347

Ion Ratio Lower Upper

94 100

65 34.0 16.6 56.6

66 49.4 32.6 72.6

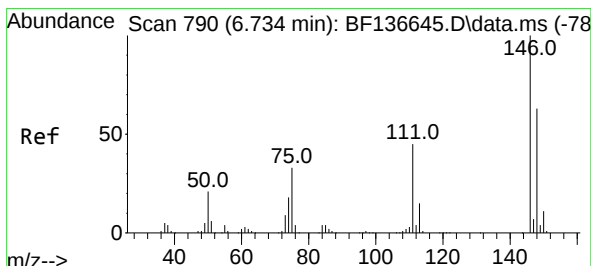
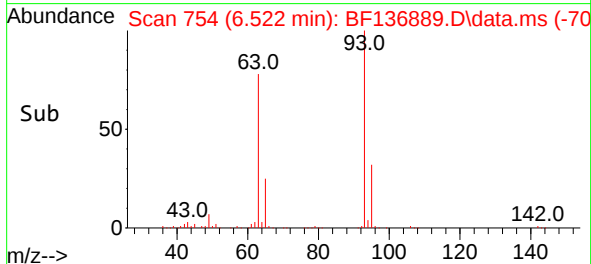
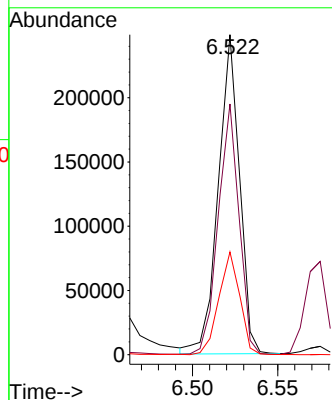
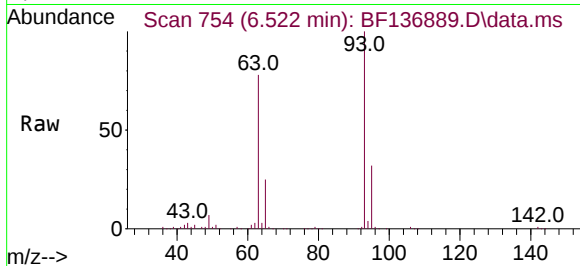




#11
bis(2-Chloroethyl)ether
Concen: 44.423 ng
RT: 6.522 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

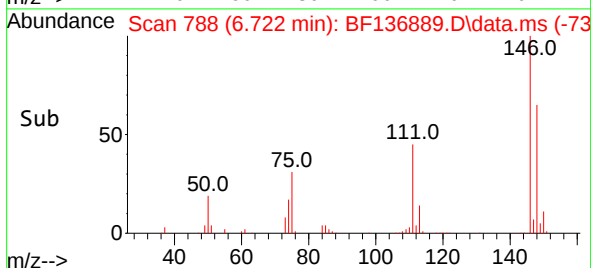
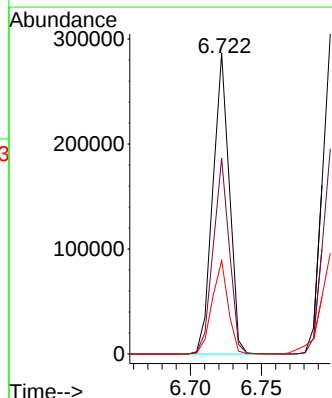
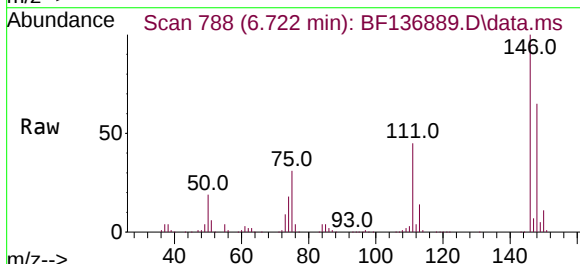
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MSD

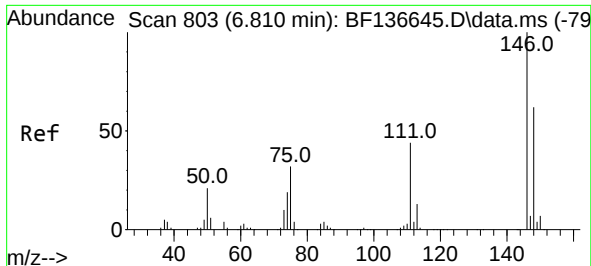
Tgt Ion: 93 Resp: 215309
Ion Ratio Lower Upper
93 100
63 78.4 61.2 101.2
95 32.1 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 41.865 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt Ion:146 Resp: 230277
Ion Ratio Lower Upper
146 100
148 65.1 50.5 75.7
75 31.0 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 41.940 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MSD

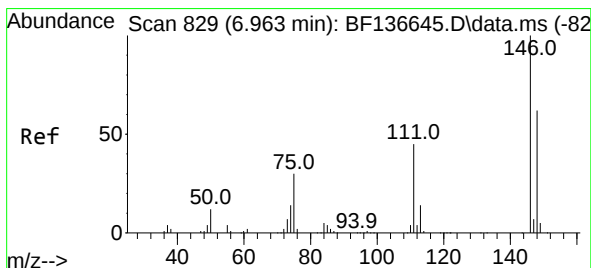
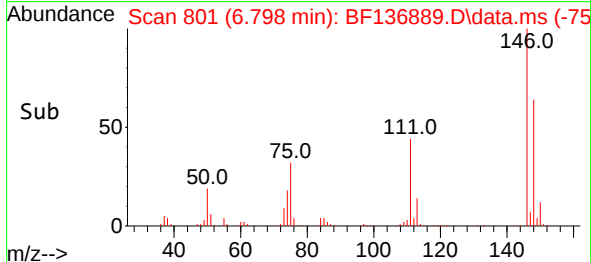
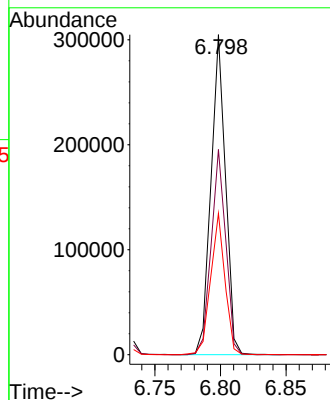
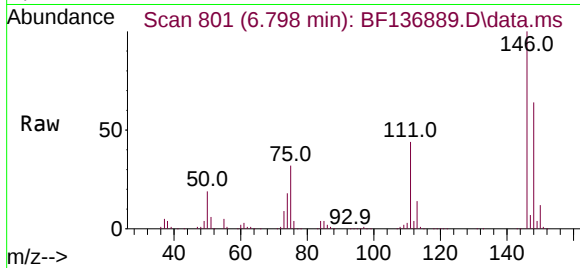
Tgt Ion:146 Resp: 235710

Ion Ratio Lower Upper

146 100

148 64.1 49.2 73.8

111 44.1 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 42.846 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

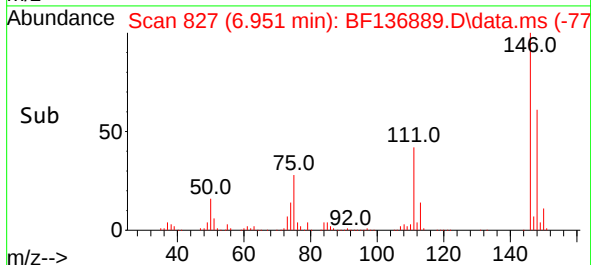
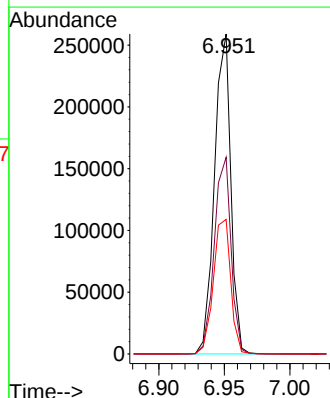
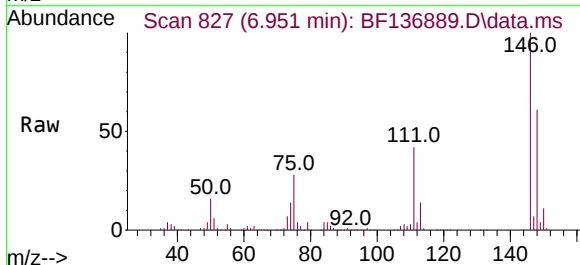
Tgt Ion:146 Resp: 224069

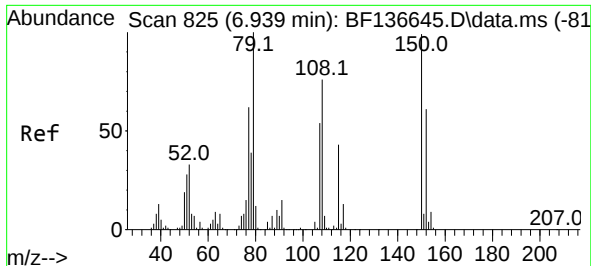
Ion Ratio Lower Upper

146 100

148 61.5 49.6 74.4

111 42.0 36.2 54.2

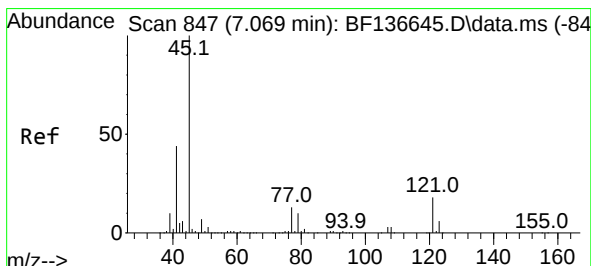
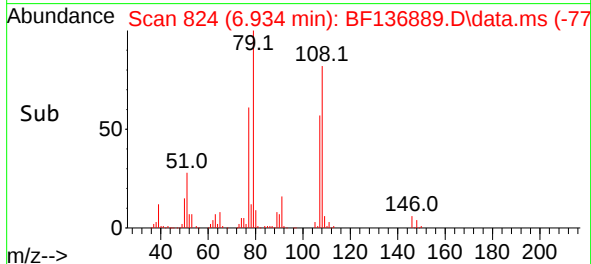
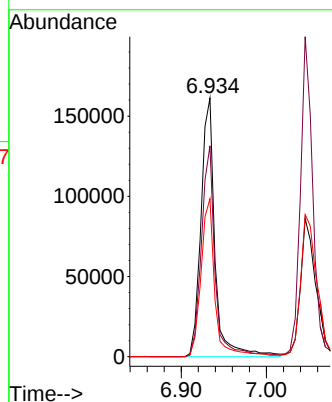
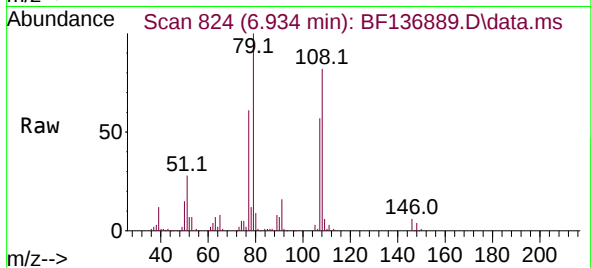




#15
Benzyl Alcohol
Concen: 45.925 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

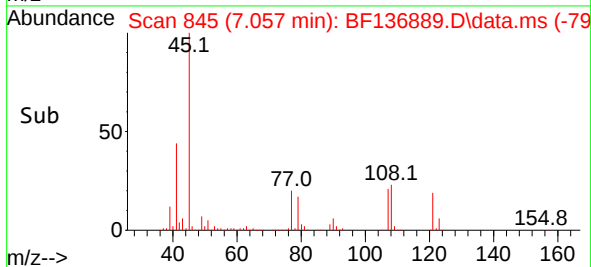
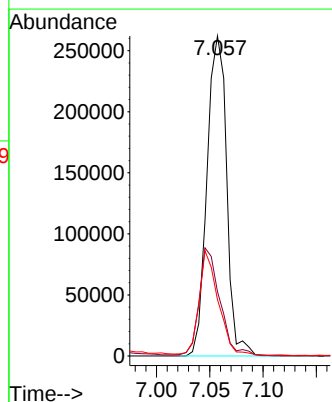
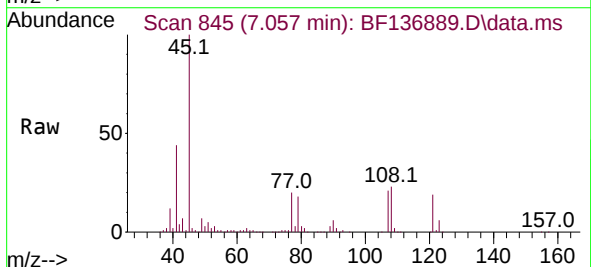
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MSD

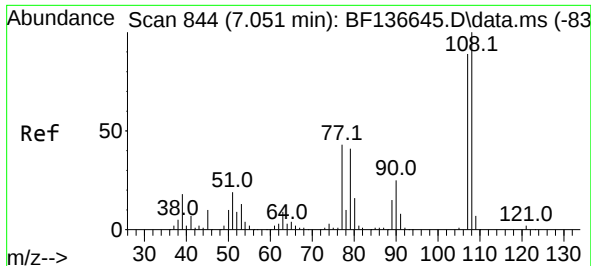
Tgt Ion: 79 Resp: 184973
Ion Ratio Lower Upper
79 100
108 81.5 61.0 91.6
77 61.0 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.403 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt Ion: 45 Resp: 336004
Ion Ratio Lower Upper
45 100
77 20.1 0.0 34.3
79 17.6 0.0 31.4

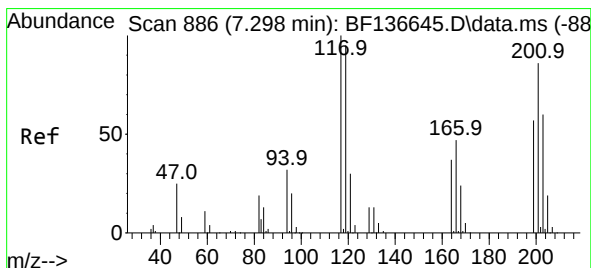
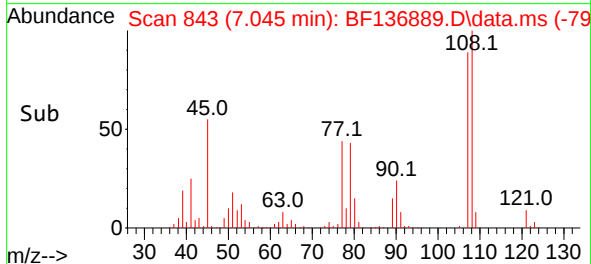
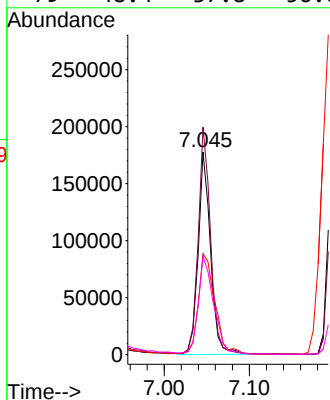
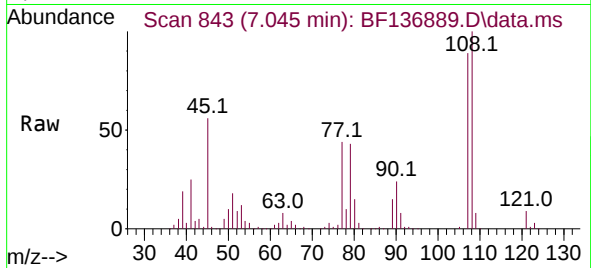




#17
2-Methylphenol
Concen: 43.077 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

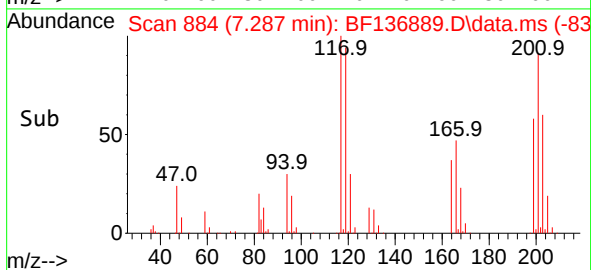
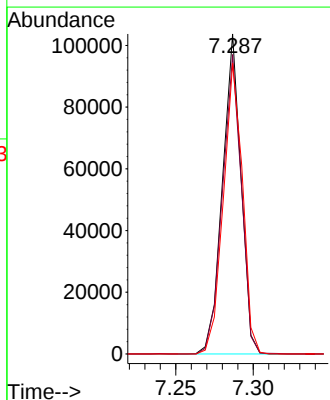
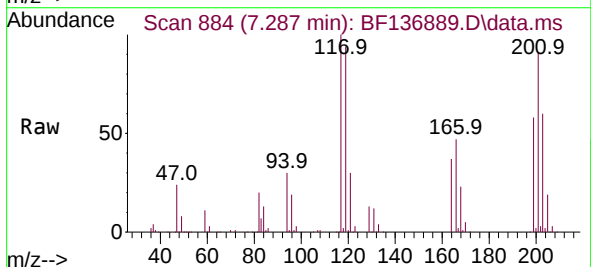
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MSD

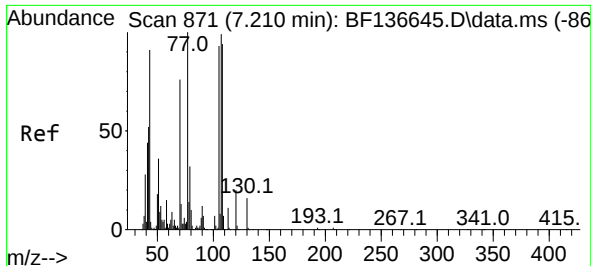
Tgt Ion:107 Resp: 179934
Ion Ratio Lower Upper
107 100
108 112.3 90.3 135.5
77 49.8 38.7 58.1
79 48.4 37.8 56.6



#18
Hexachloroethane
Concen: 42.100 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt Ion:117 Resp: 85929
Ion Ratio Lower Upper
117 100
119 93.6 75.8 113.6
201 90.8 69.1 103.7

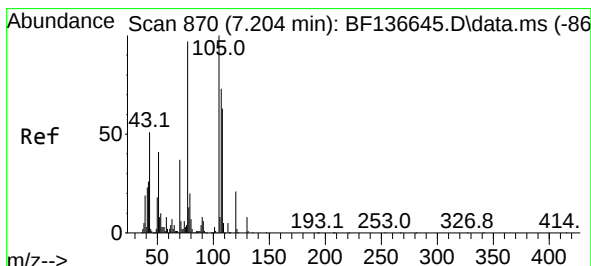
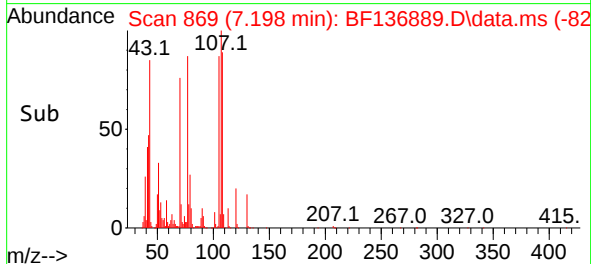
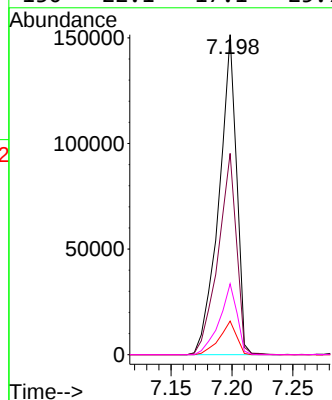
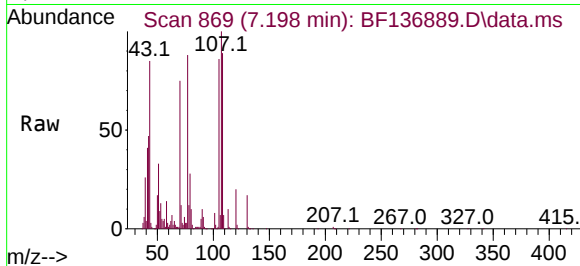




#19
n-Nitroso-di-n-propylamine
Concen: 42.161 ng
RT: 7.198 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

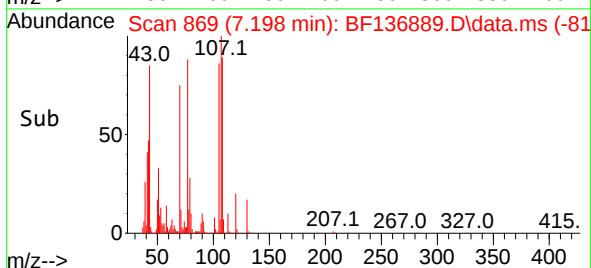
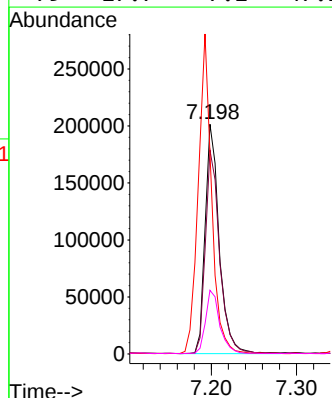
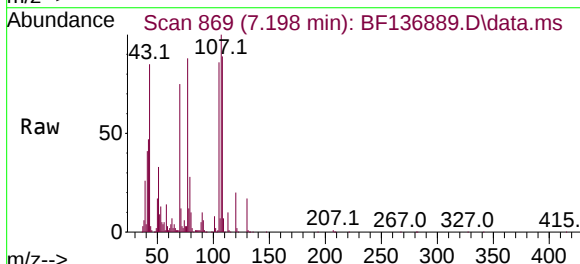
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MSD

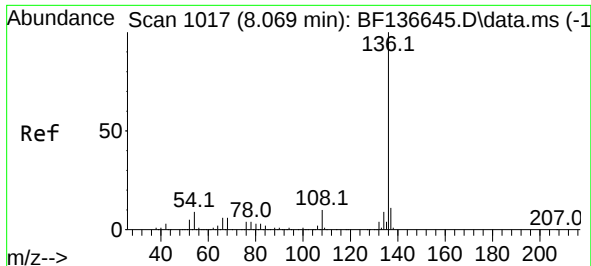
Tgt Ion: 70	Resp: 152584
Ion Ratio	Lower Upper
70 100	
42 62.9	54.2 81.4
101 10.5	7.6 11.4
130 22.1	17.1 25.7



#20
3+4-Methylphenols
Concen: 44.172 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt	Ion:107	Resp:	230512
Ion	Ratio	Lower	Upper
107	100		
108	88.7	66.0	106.0
77	87.6	114.2	154.2#
79	27.7	7.2	47.2

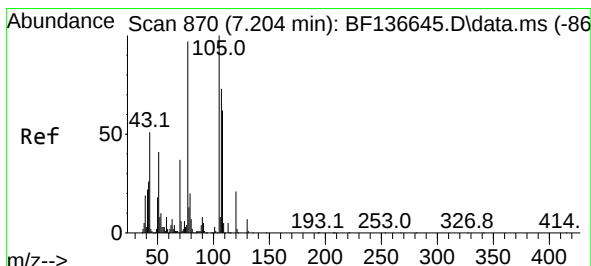
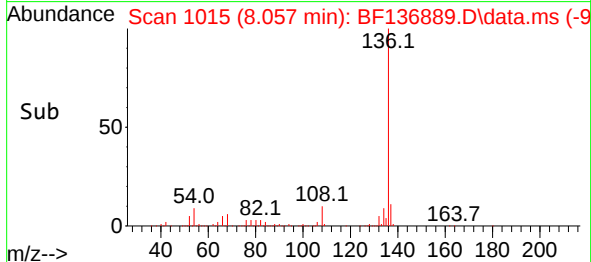
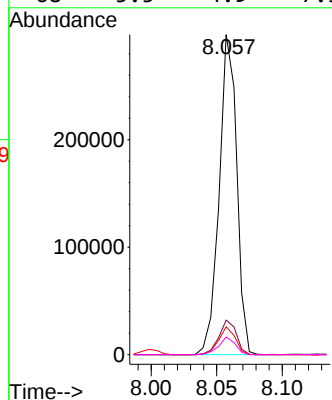
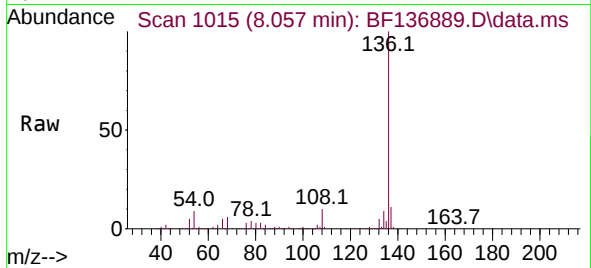




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

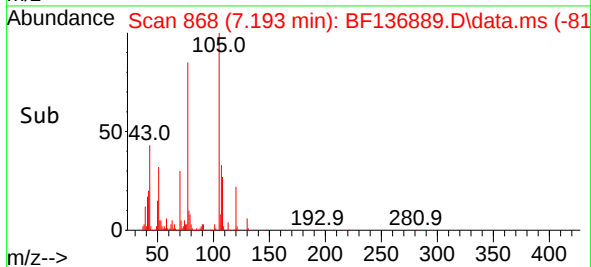
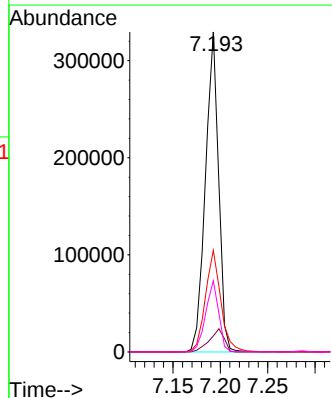
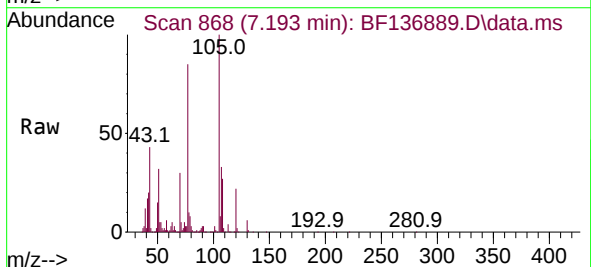
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MSD

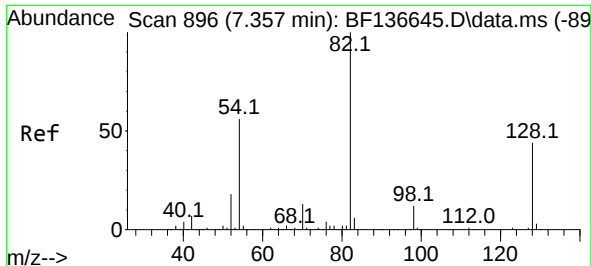
Tgt Ion:136	Resp: 276601
Ion Ratio	Lower Upper
136 100	
137 10.8	9.0 13.4
54 8.7	7.2 10.8
68 5.5	4.9 7.3



#22
Acetophenone
Concen: 45.904 ng
RT: 7.193 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt	Ion:105	Resp:	318252
Ion	Ratio	Lower	Upper
105	100		
71	5.0	4.8	7.2
51	31.7	32.8	49.2#
120	22.3	17.0	25.6





#23

Nitrobenzene-d5

Concen: 63.641 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MSD

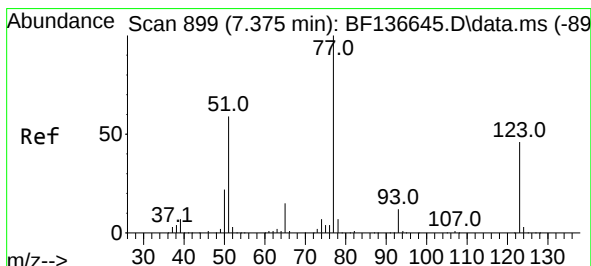
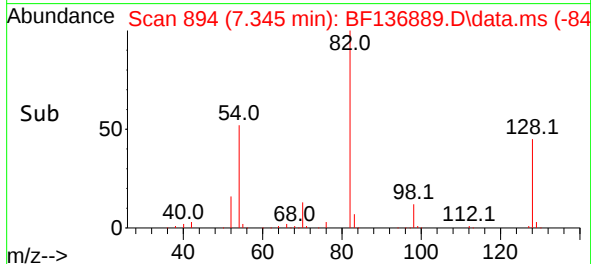
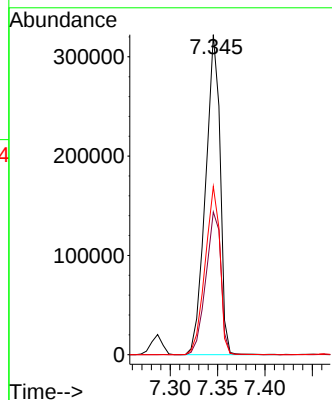
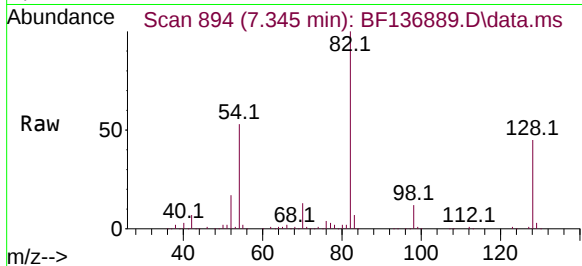
Tgt Ion: 82 Resp: 344005

Ion Ratio Lower Upper

82 100

128 44.6 35.3 52.9

54 52.6 44.5 66.7



#24

Nitrobenzene

Concen: 42.634 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

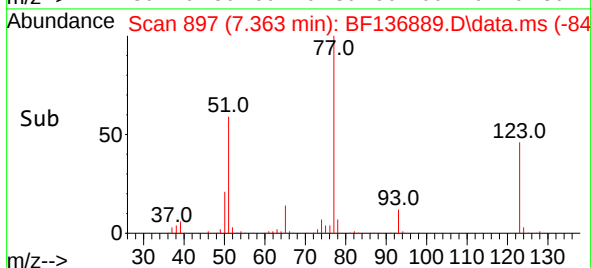
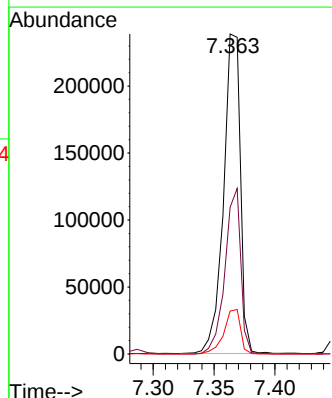
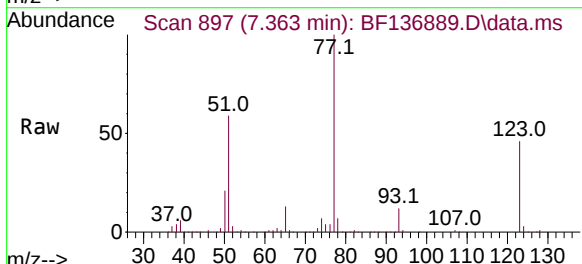
Tgt Ion: 77 Resp: 230857

Ion Ratio Lower Upper

77 100

123 45.9 36.7 55.1

65 13.4 11.8 17.6

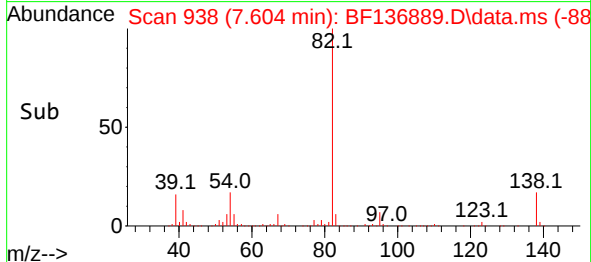
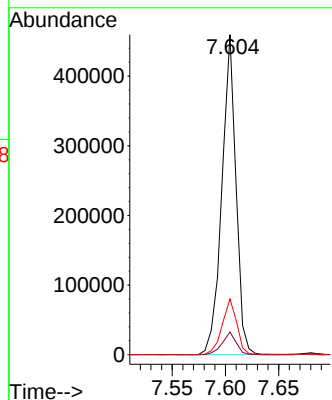
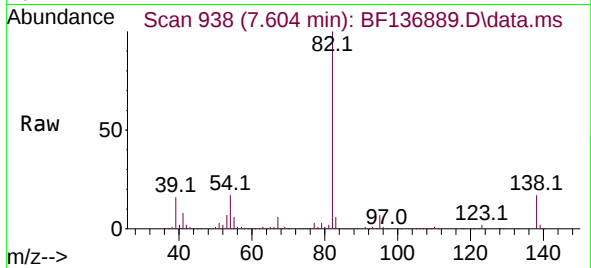




#25
Isophorone
Concen: 42.992 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

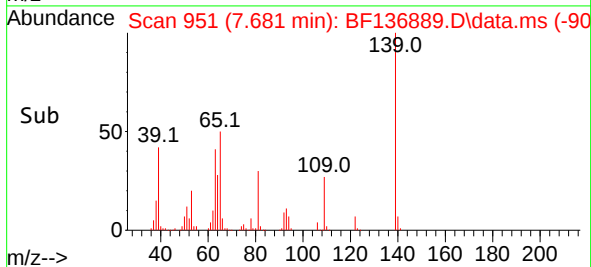
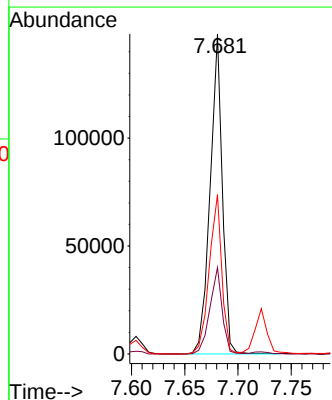
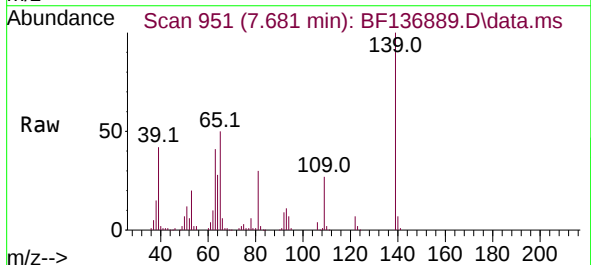
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MSD

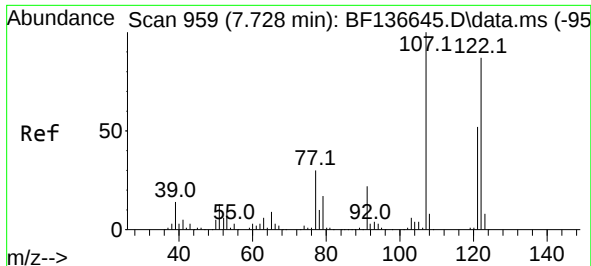
Tgt Ion: 82 Resp: 422861
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.4 14.5 21.7



#26
2-Nitrophenol
Concen: 45.964 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt Ion:139 Resp: 119077
Ion Ratio Lower Upper
139 100
109 27.1 21.9 32.9
65 49.8 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 53.524 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136889.D

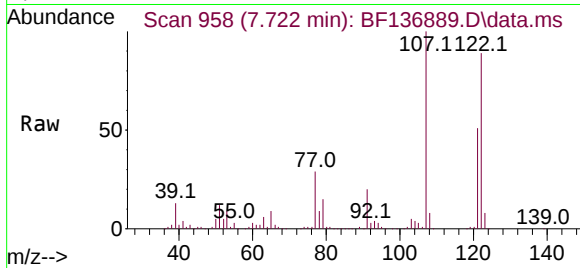
Acq: 03 Jan 2024 00:35

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MSD



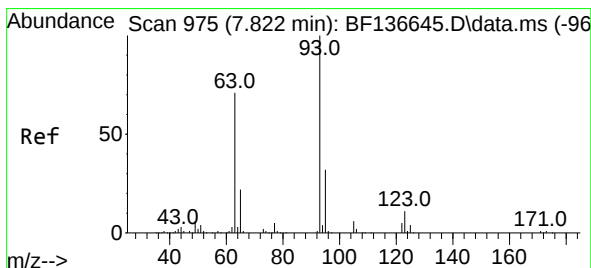
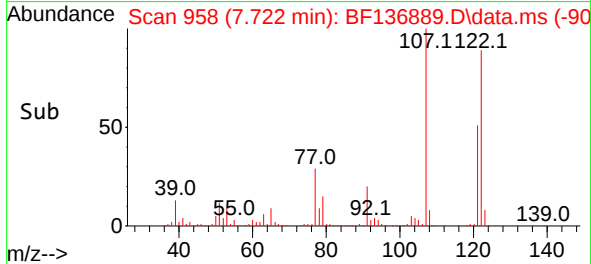
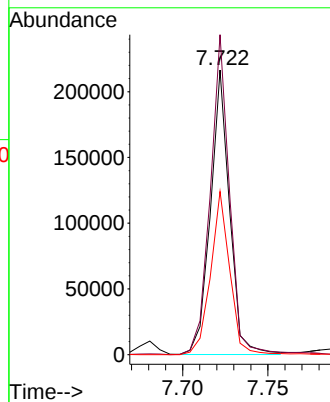
Tgt Ion:122 Resp: 168816

Ion Ratio Lower Upper

122 100

107 112.4 92.0 138.0

121 57.3 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 43.706 ng

RT: 7.810 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

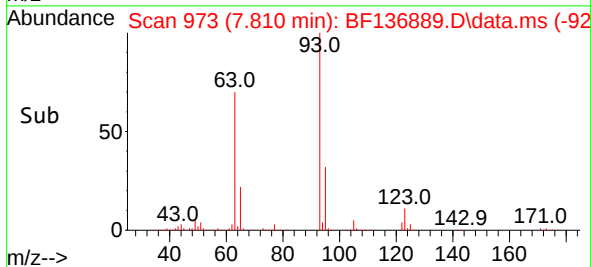
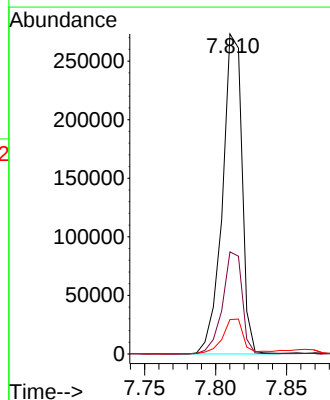
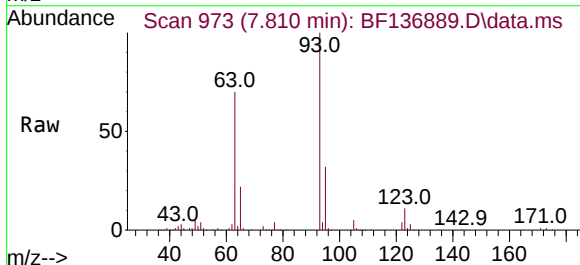
Tgt Ion: 93 Resp: 261304

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: 44.799 ng

RT: 7.928 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF136889.D

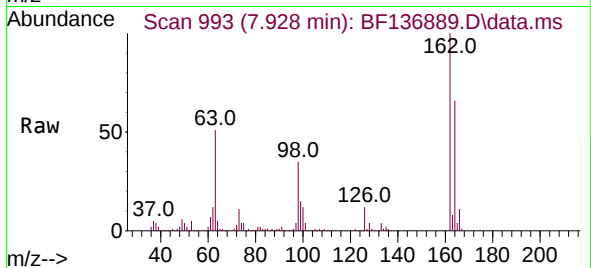
Acq: 03 Jan 2024 00:35

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MSD



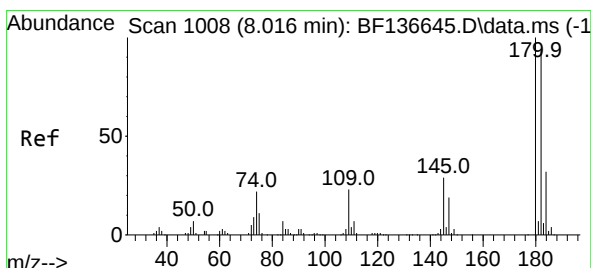
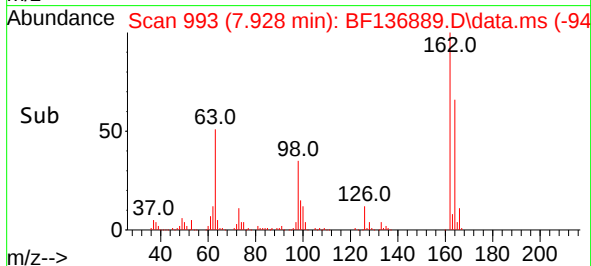
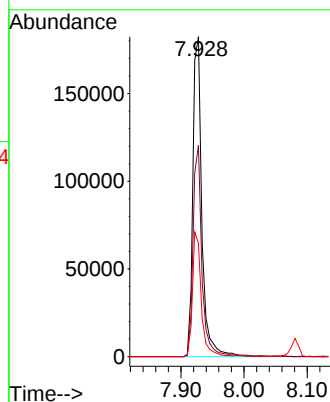
Tgt Ion:162 Resp: 181908

Ion Ratio Lower Upper

162 100

164 66.0 41.7 81.7

98 35.4 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 42.875 ng

RT: 7.998 min Scan# 1005

Delta R.T. -0.017 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

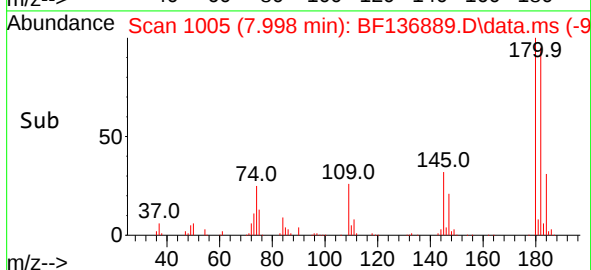
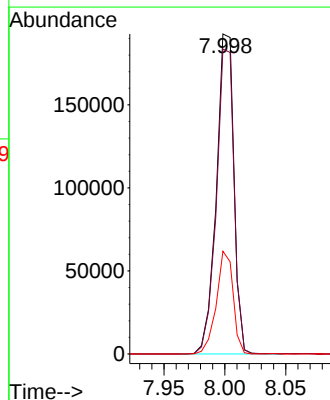
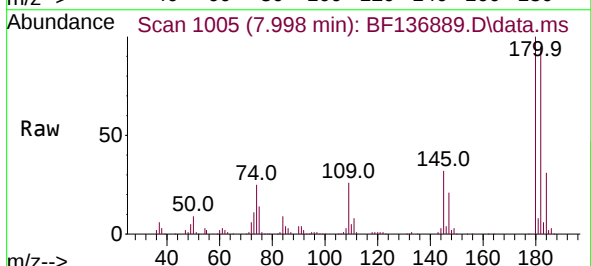
Tgt Ion:180 Resp: 193974

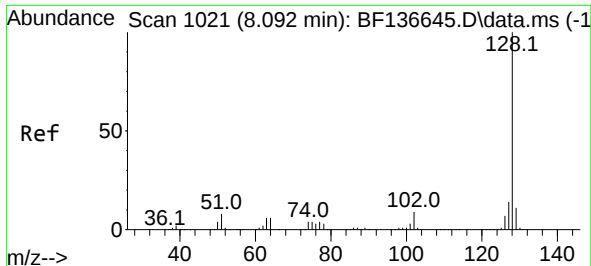
Ion Ratio Lower Upper

180 100

182 95.3 75.4 113.0

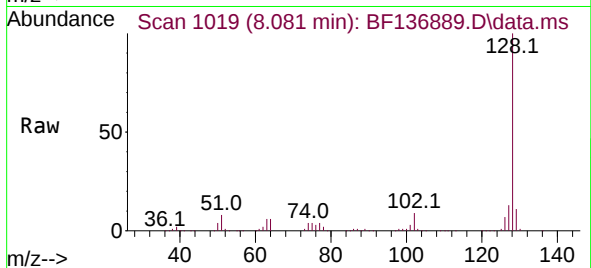
145 32.1 23.1 34.7



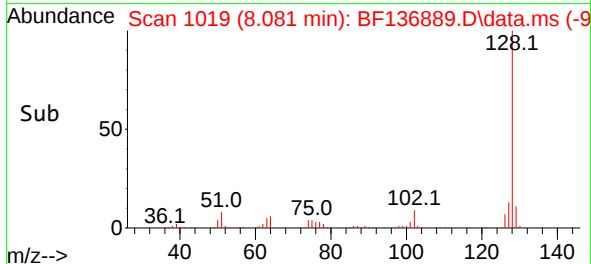
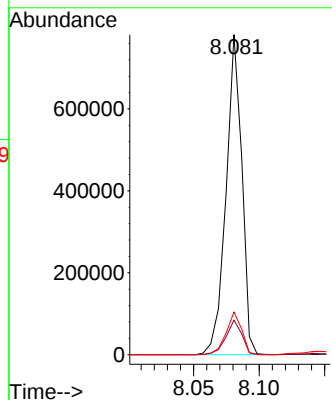


#31
Naphthalene
Concen: 43.014 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

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

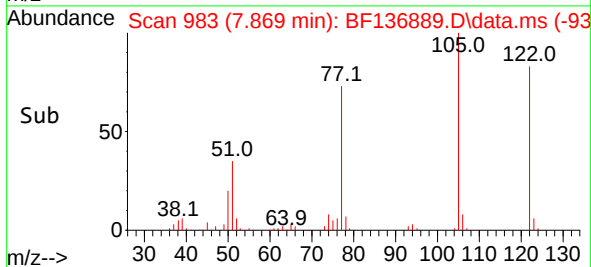
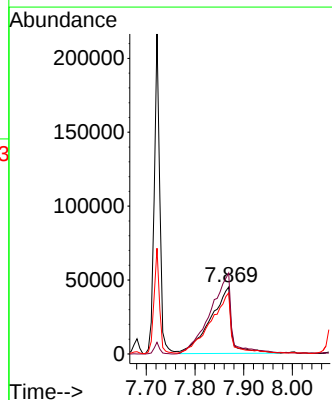
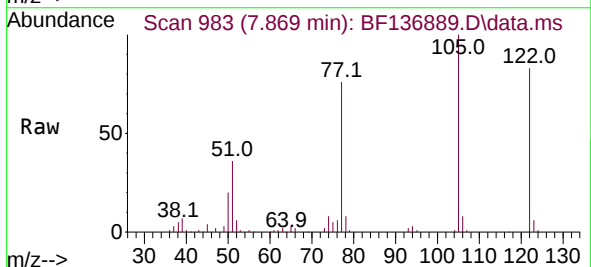


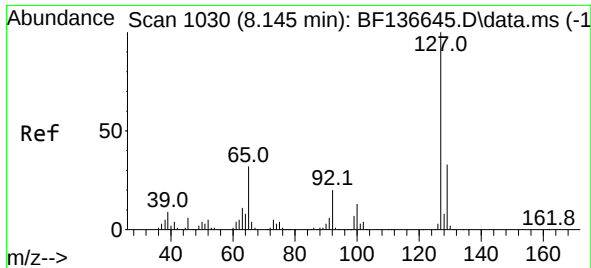
Tgt Ion:128 Resp: 653636
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 44.840 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt Ion:122 Resp: 136840
Ion Ratio Lower Upper
122 100
105 121.0 100.8 140.8
77 91.4 70.9 110.9

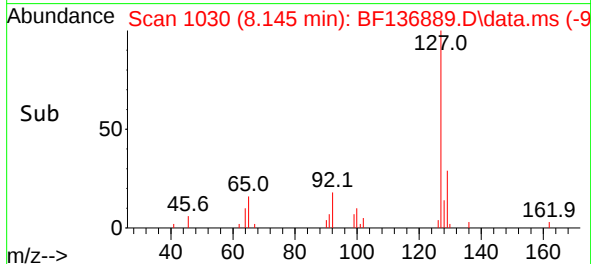
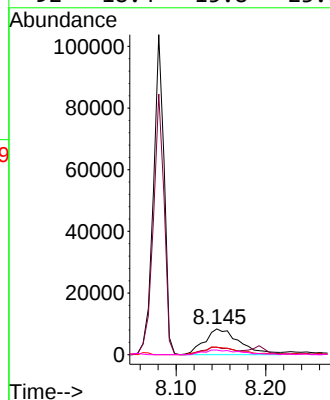
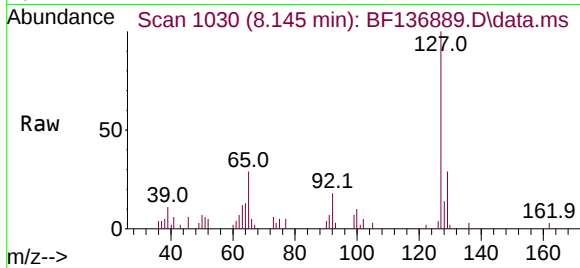




#33
4-Chloroaniline
Concen: 4.073 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

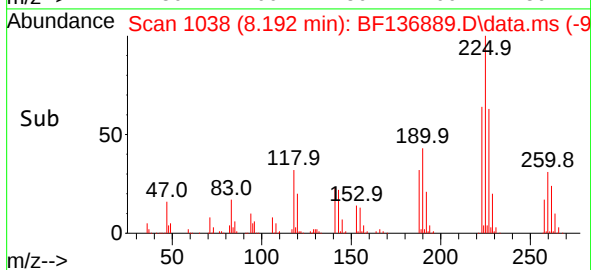
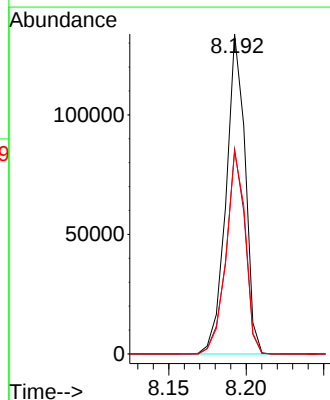
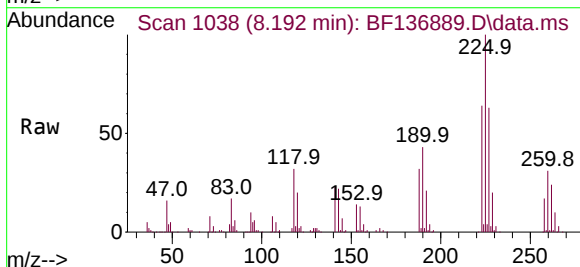
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MSD

Tgt Ion:127	Resp:	22852
Ion	Ratio	Lower Upper
127	100	
129	29.5	26.3 39.5
65	28.8	25.8 38.8
92	18.4	15.8 23.6



#34
Hexachlorobutadiene
Concen: 41.654 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.017 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt Ion:225	Resp:	114496
Ion	Ratio	Lower Upper
225	100	
223	64.0	50.6 76.0
227	63.3	51.9 77.9

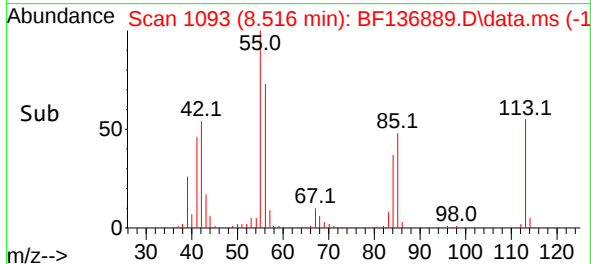
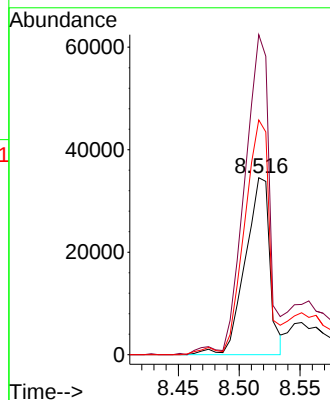
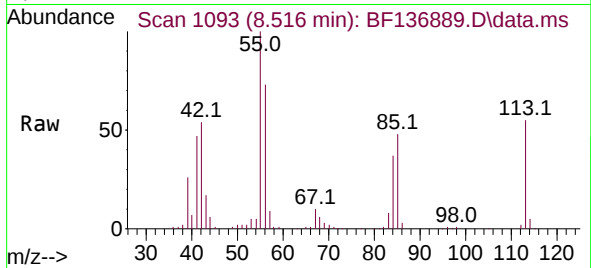




#35
 Caprolactam
 Concen: 36.189 ng
 RT: 8.516 min Scan# 1093
 Delta R.T. -0.006 min
 Lab File: BF136889.D
 Acq: 03 Jan 2024 00:35

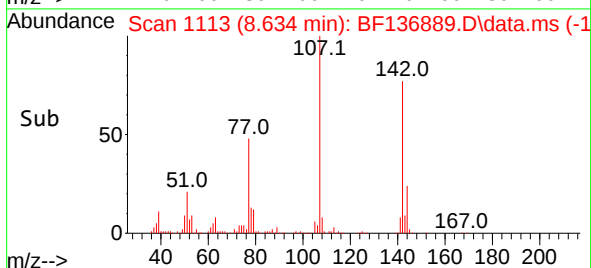
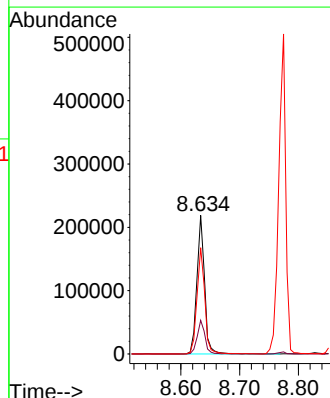
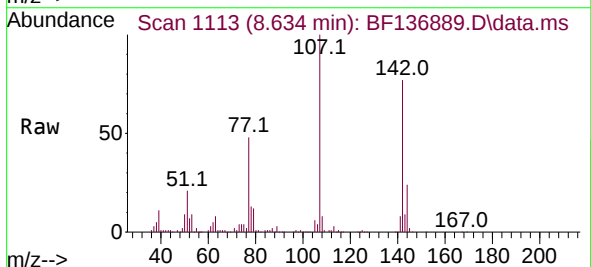
Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-15-2-4MSD

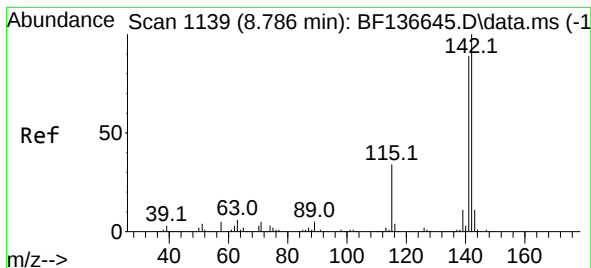
Tgt Ion:113 Resp: 48477
 Ion Ratio Lower Upper
 113 100
 55 180.8 163.1 203.1
 56 132.7 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.504 ng
 RT: 8.634 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF136889.D
 Acq: 03 Jan 2024 00:35

Tgt Ion:107 Resp: 198869
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.2 30.2
 142 76.7 62.3 93.5





#37

2-Methylnaphthalene

Concen: 43.013 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

Instrument :

BNA_F

ClientSampleId :

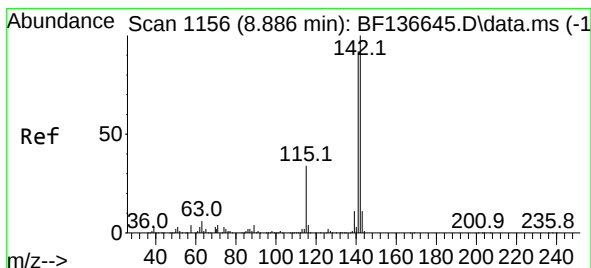
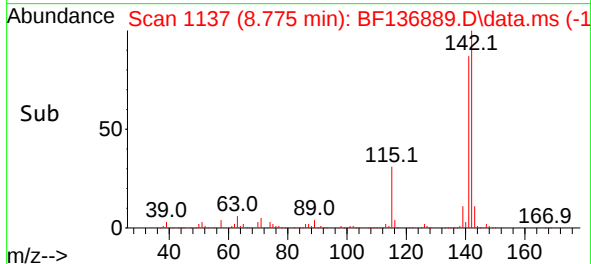
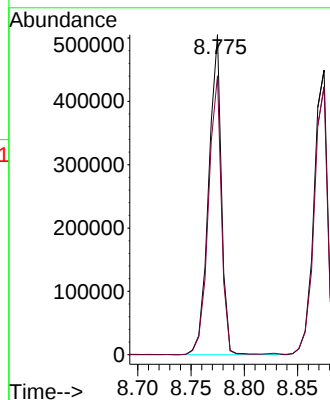
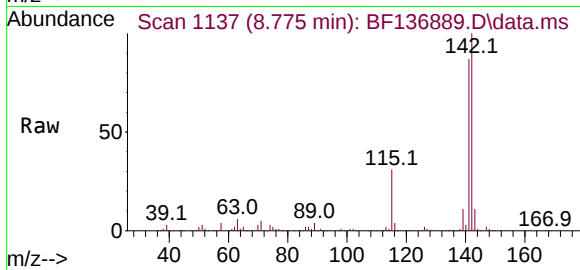
GHL-SS-15-2-4MSD

Tgt Ion:142 Resp: 420650

Ion Ratio Lower Upper

142 100

141 87.2 71.1 106.7



#38

1-Methylnaphthalene

Concen: 41.674 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136889.D

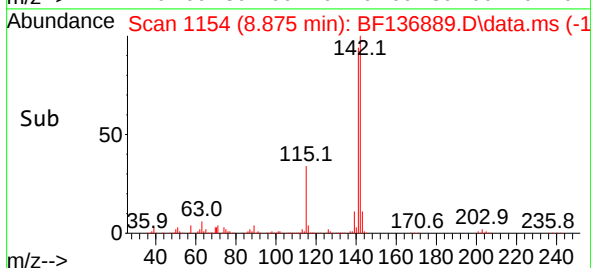
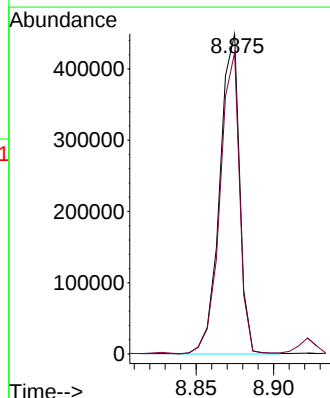
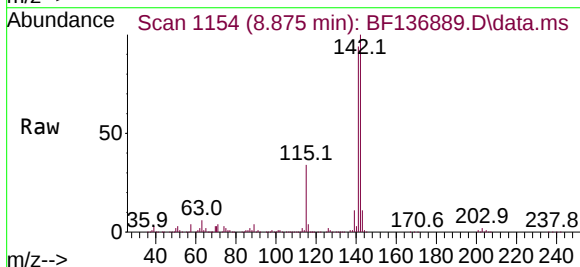
Acq: 03 Jan 2024 00:35

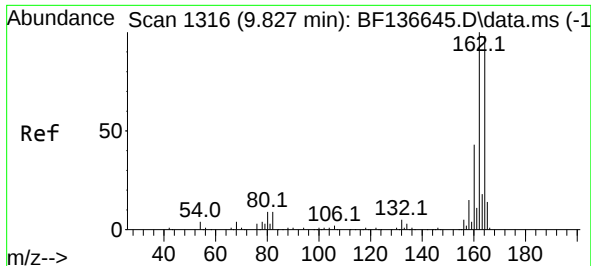
Tgt Ion:142 Resp: 399839

Ion Ratio Lower Upper

142 100

141 94.2 73.6 110.4

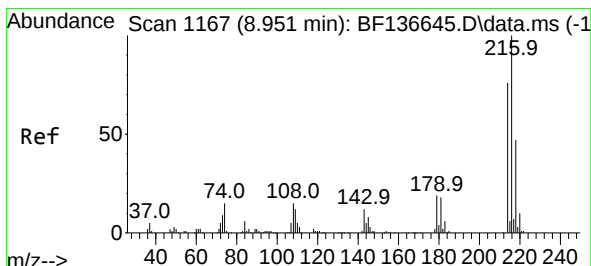
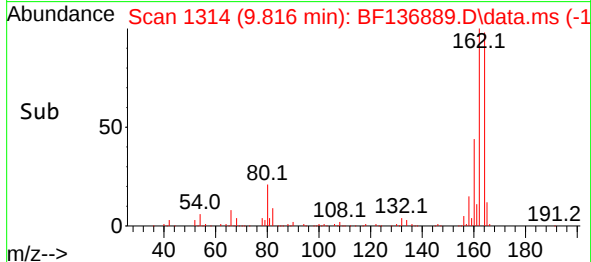
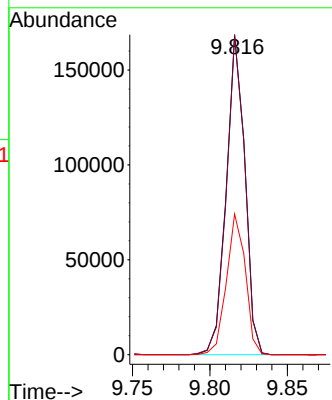
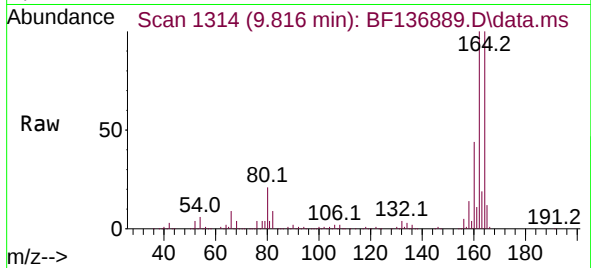




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

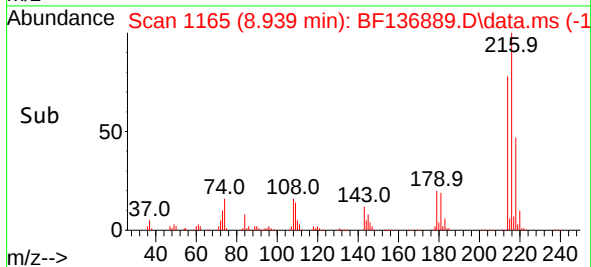
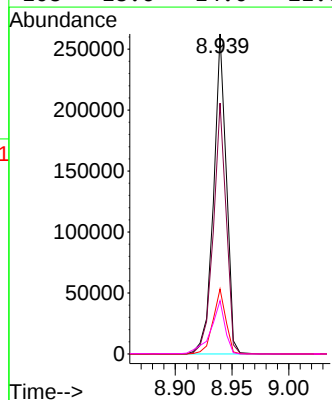
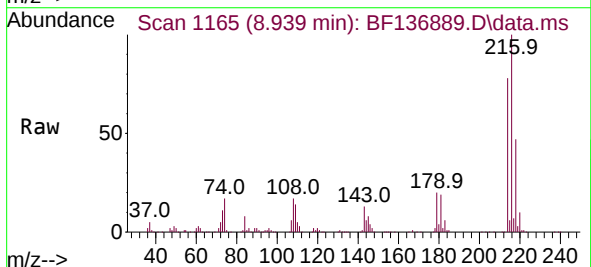
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MSD

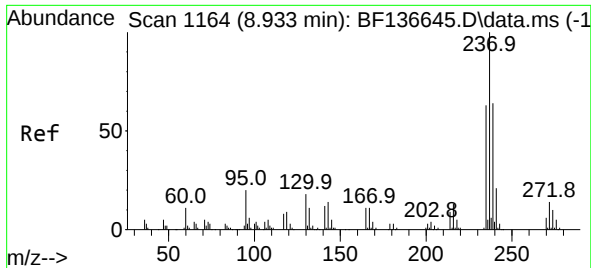
Tgt Ion:164 Resp: 140886
Ion Ratio Lower Upper
164 100
162 99.7 81.6 122.4
160 44.0 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.862 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt Ion:216 Resp: 204468
Ion Ratio Lower Upper
216 100
214 78.8 62.3 93.5
179 20.2 16.4 24.6
108 18.6 14.0 21.0

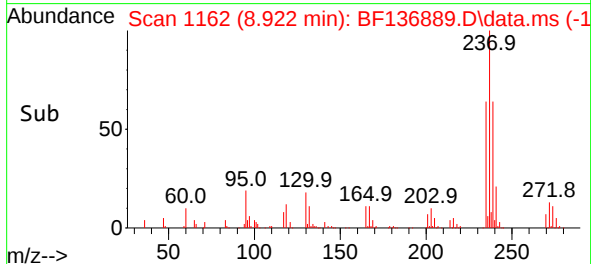
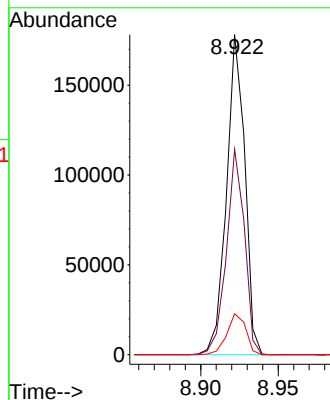
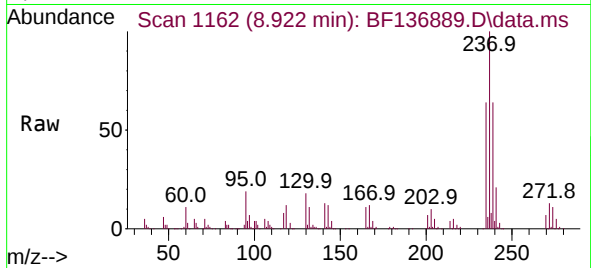




#41
Hexachlorocyclopentadiene
Concen: 103.485 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

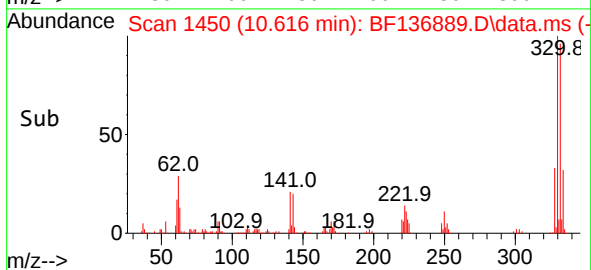
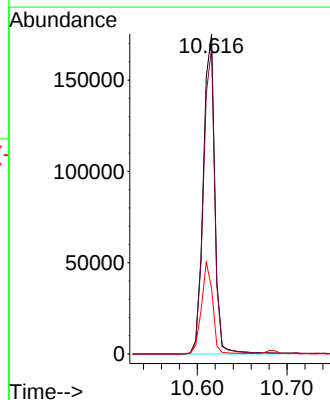
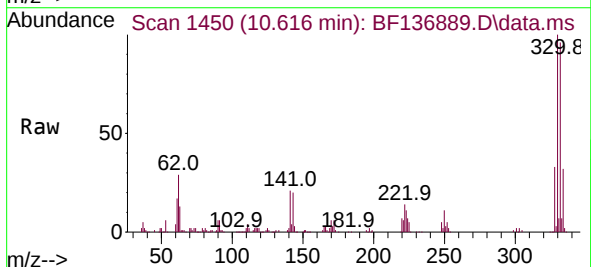
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MSD

Tgt Ion:237 Resp: 146096
Ion Ratio Lower Upper
237 100
235 64.2 43.2 83.2
272 12.8 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 94.062 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt Ion:330 Resp: 156072
Ion Ratio Lower Upper
330 100
332 95.2 77.4 116.0
141 27.9 23.4 35.2

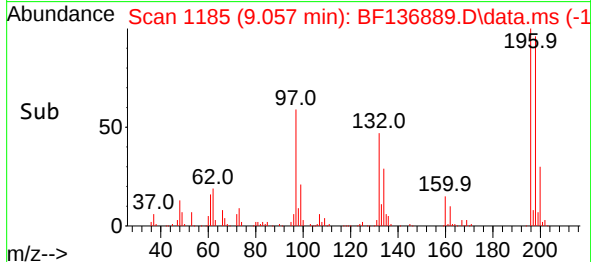
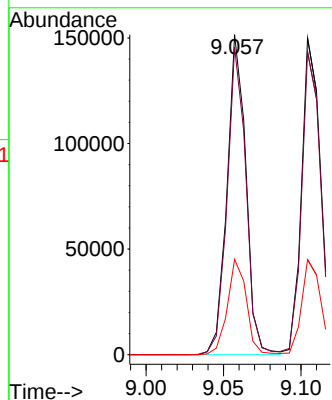
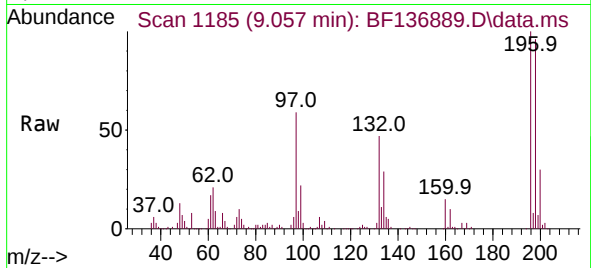




#43
2,4,6-Trichlorophenol
Concen: 45.945 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

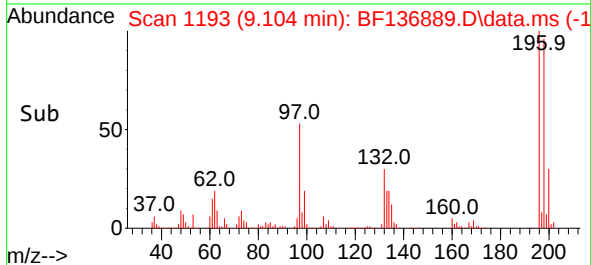
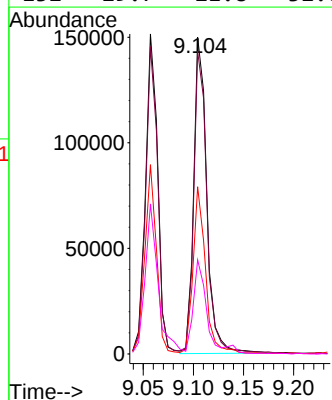
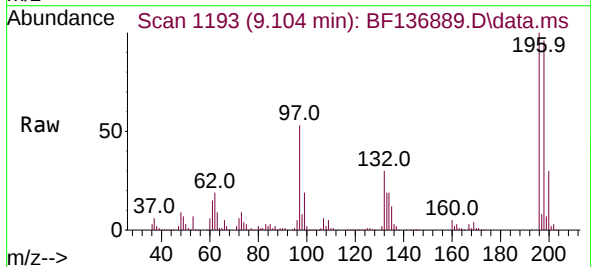
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MSD

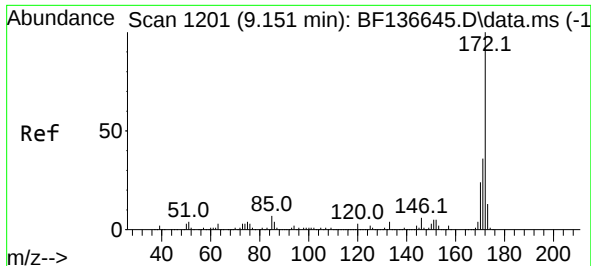
Tgt Ion:196 Resp: 128562
Ion Ratio Lower Upper
196 100
198 96.1 75.1 112.7
200 29.8 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 43.776 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt Ion:196 Resp: 136502
Ion Ratio Lower Upper
196 100
198 95.6 77.0 115.6
97 52.8 36.1 54.1
132 29.7 21.8 32.6

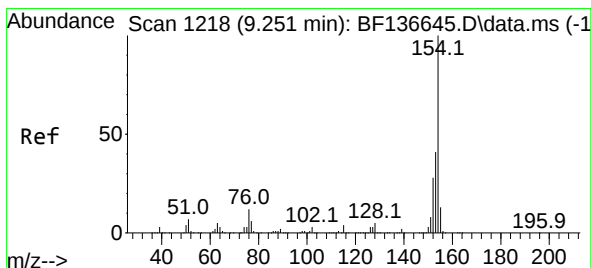
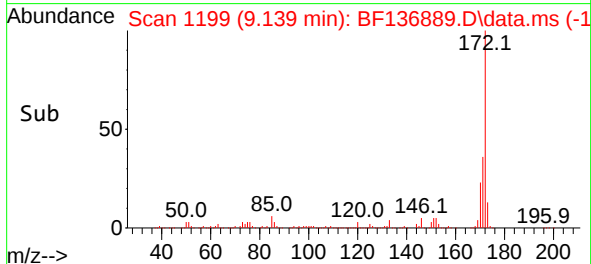
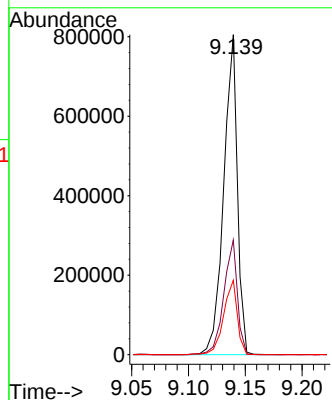
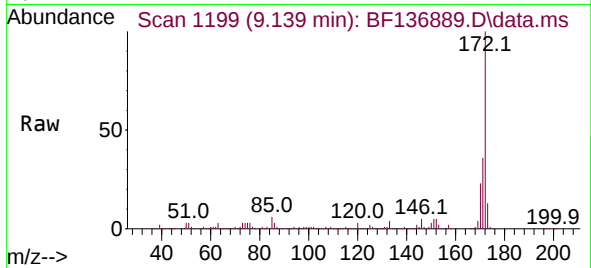




#45
2-Fluorobiphenyl
Concen: 64.313 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

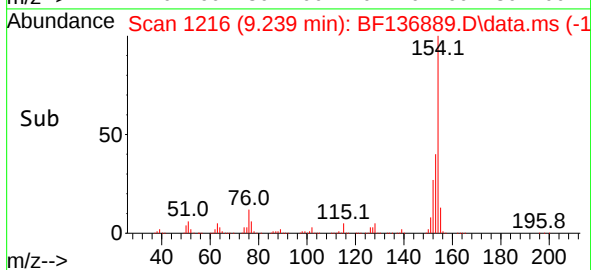
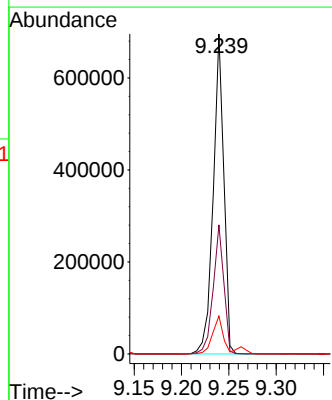
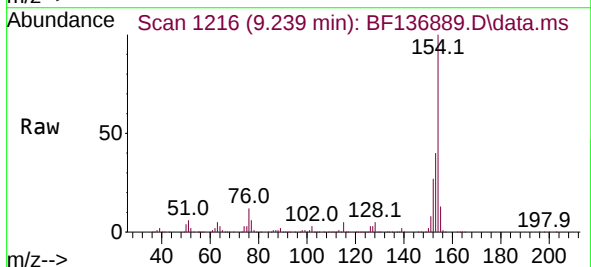
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MSD

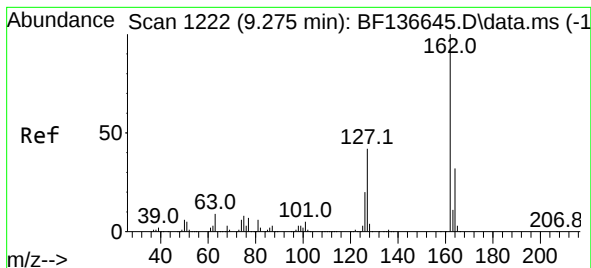
Tgt Ion:172 Resp: 673669
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.2 19.0 28.4



#46
1,1'-Biphenyl
Concen: 45.947 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt Ion:154 Resp: 543206
Ion Ratio Lower Upper
154 100
153 40.3 21.1 61.1
76 11.8 0.0 31.7





#47

2-Chloronaphthalene

Concen: 43.765 ng

RT: 9.263 min Scan# 1222

Delta R.T. -0.012 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MSD

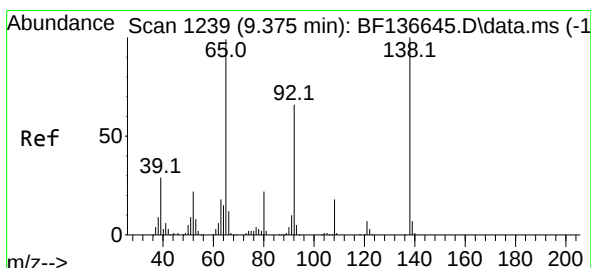
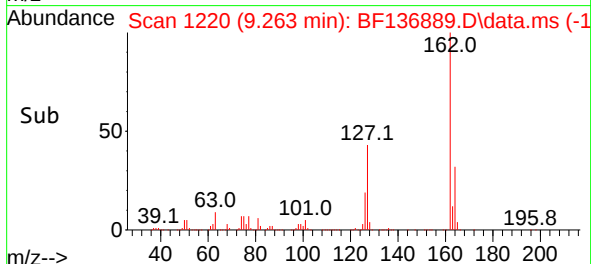
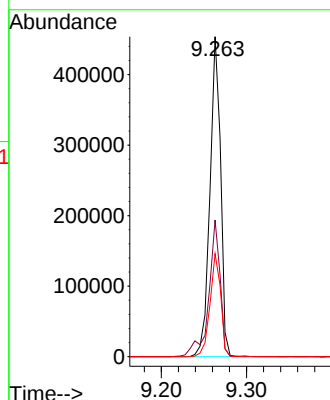
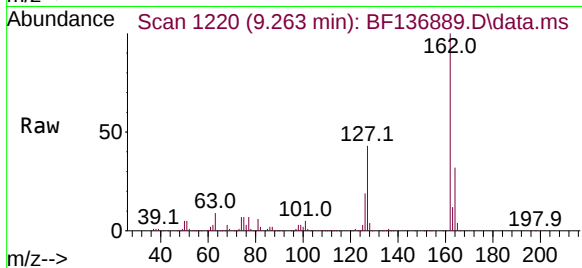
Tgt Ion:162 Resp: 393348

Ion Ratio Lower Upper

162 100

127 42.7 33.6 50.4

164 32.2 25.7 38.5



#48

2-Nitroaniline

Concen: 43.628 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

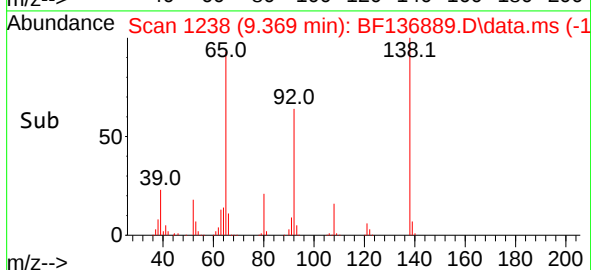
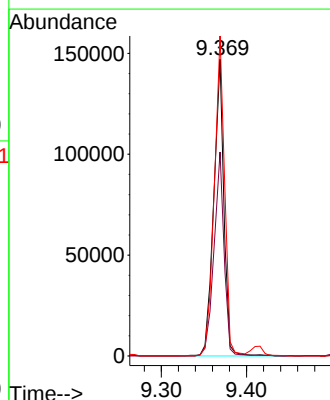
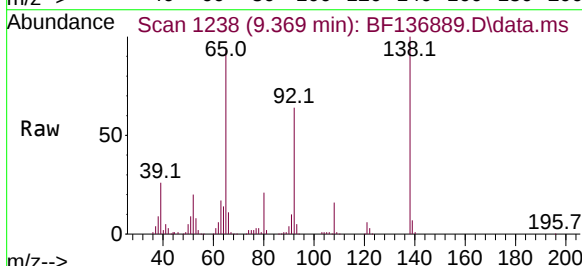
Tgt Ion: 65 Resp: 122789

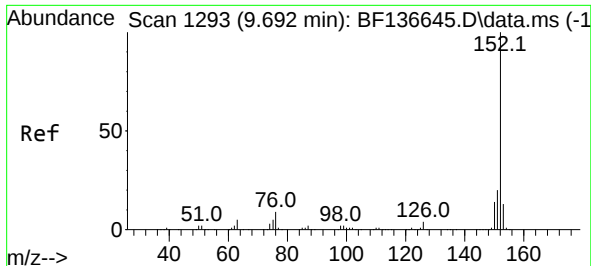
Ion Ratio Lower Upper

65 100

92 68.8 53.2 79.8

138 107.8 81.1 121.7





#49

Acenaphthylene

Concen: 47.604 ng

RT: 9.681 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MSD

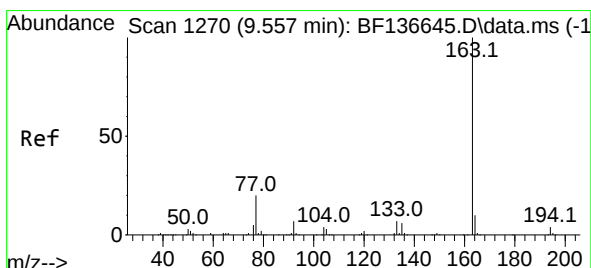
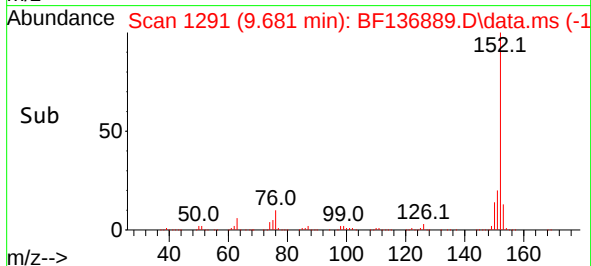
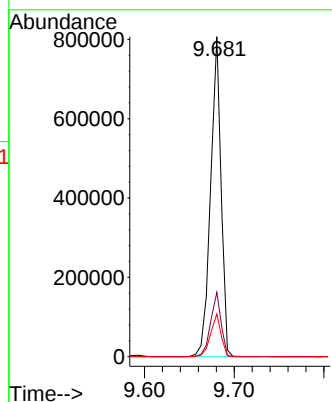
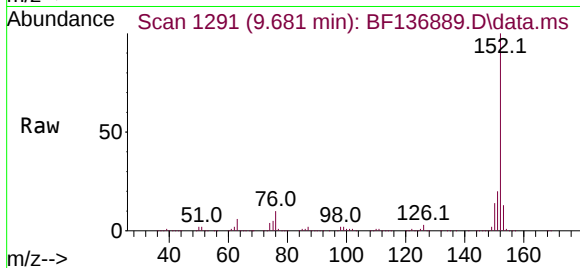
Tgt Ion:152 Resp: 653965

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 13.4 10.2 15.2



#50

Dimethylphthalate

Concen: 45.602 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

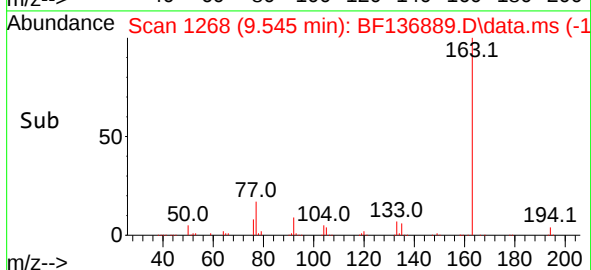
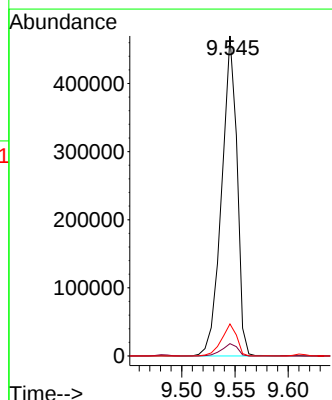
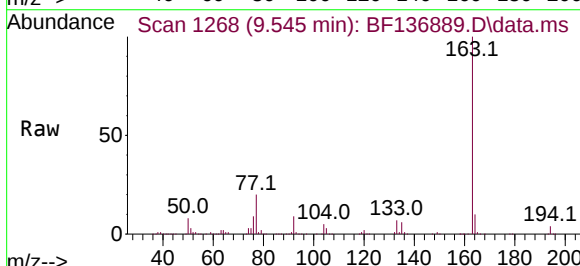
Tgt Ion:163 Resp: 469279

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.0 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 44.230 ng

RT: 9.610 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MSD

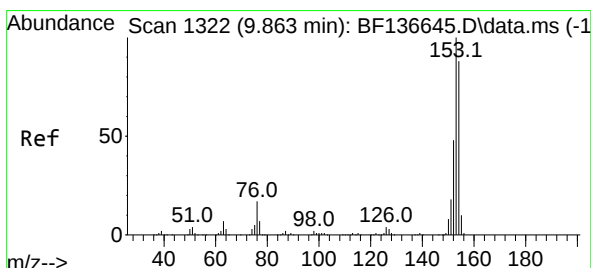
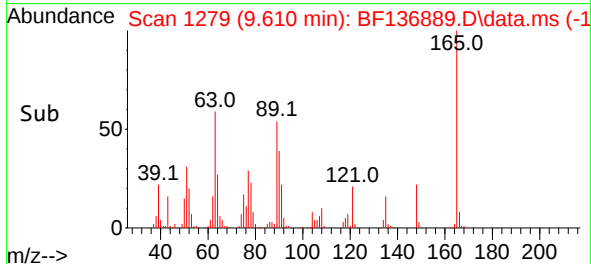
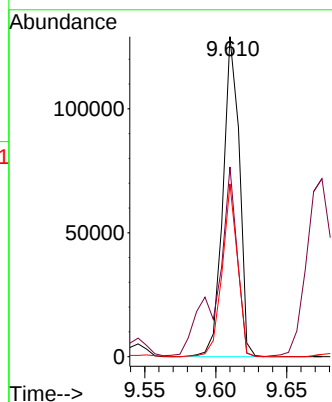
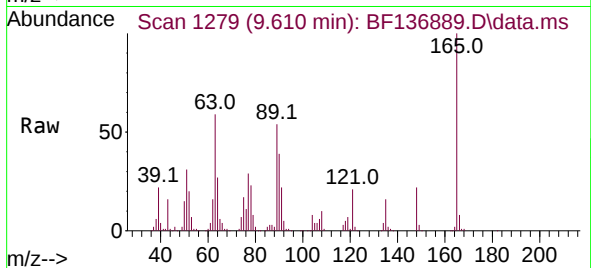
Tgt Ion:165 Resp: 103299

Ion Ratio Lower Upper

165 100

63 59.3 39.8 59.6

89 54.0 38.8 58.2



#52

Acenaphthene

Concen: 43.760 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

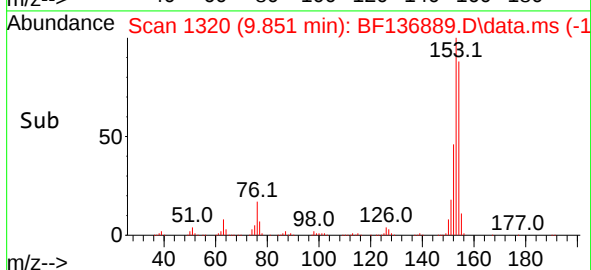
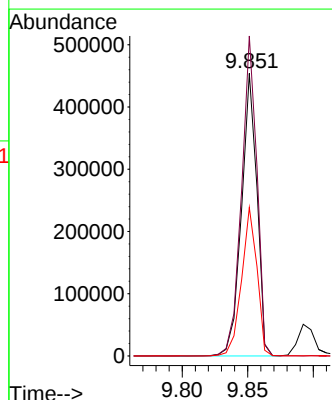
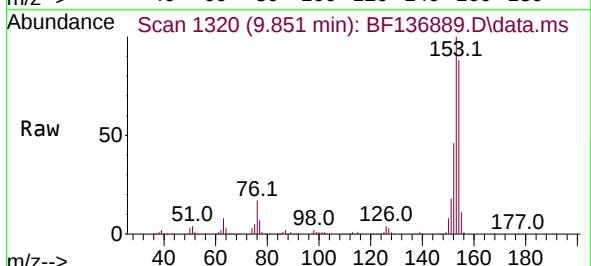
Tgt Ion:154 Resp: 372640

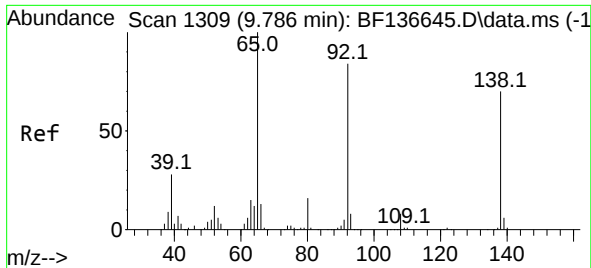
Ion Ratio Lower Upper

154 100

153 113.2 90.7 136.1

152 52.6 43.7 65.5

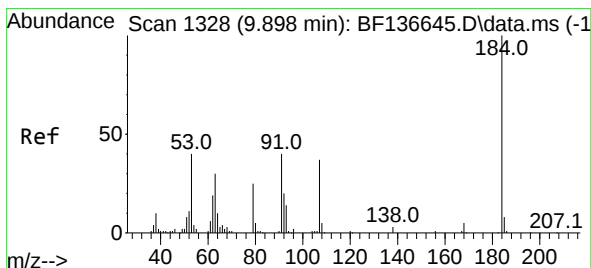
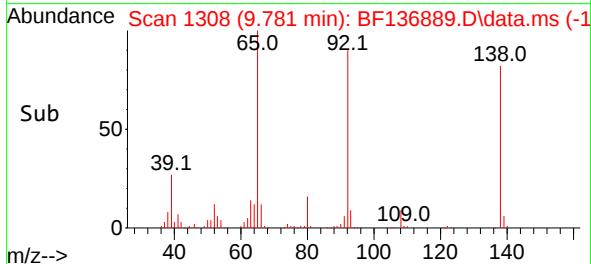
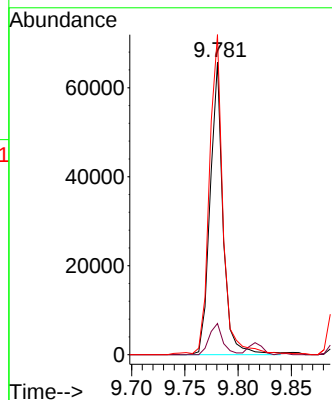
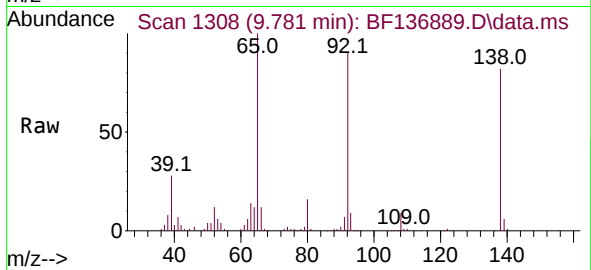




#53
3-Nitroaniline
Concen: 22.420 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

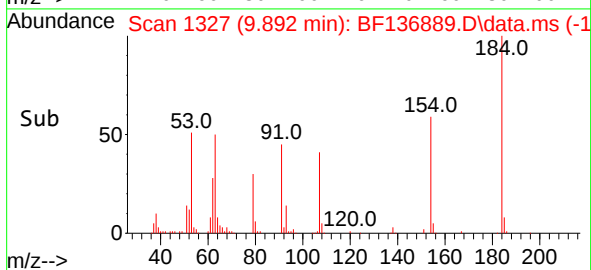
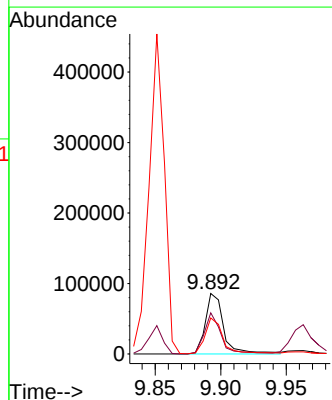
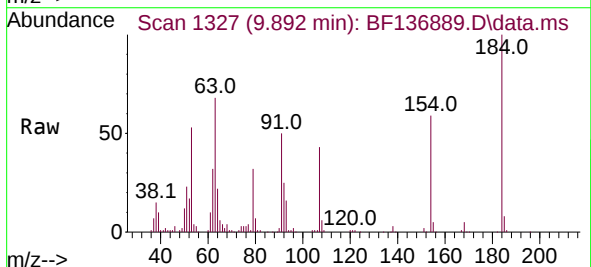
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MSD

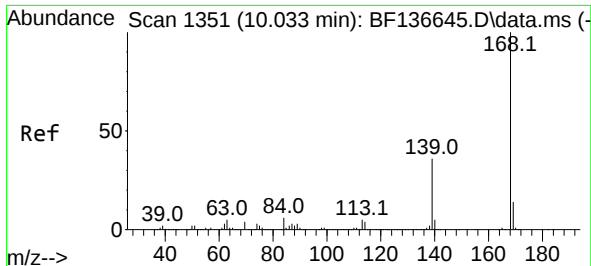
Tgt Ion:138 Resp: 55467
Ion Ratio Lower Upper
138 100
108 10.6 8.6 12.8
92 109.5 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 65.314 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

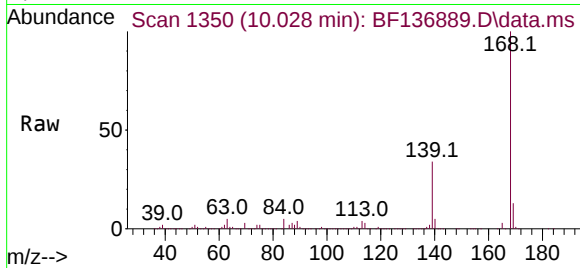
Tgt Ion:184 Resp: 83609
Ion Ratio Lower Upper
184 100
63 68.0 40.9 61.3#
154 59.5 42.7 64.1



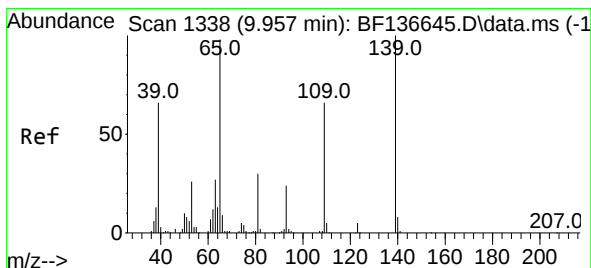
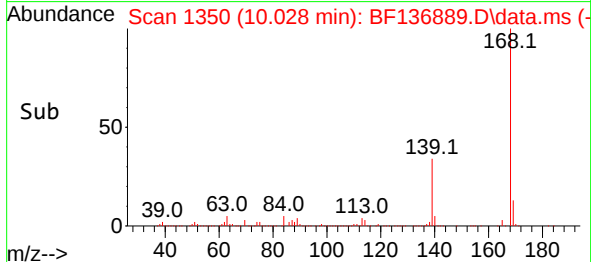
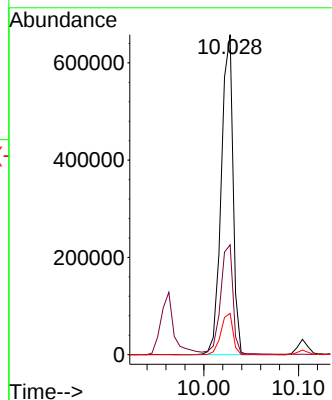


#55
Dibenzenofuran
Concen: 44.098 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

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

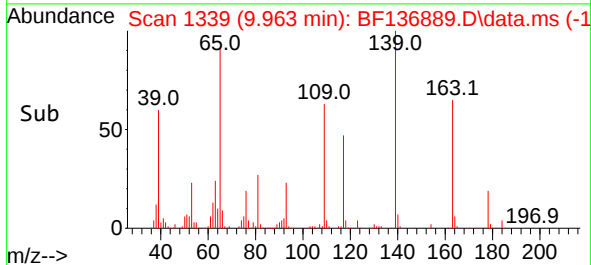
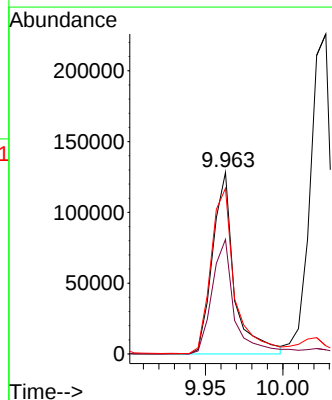
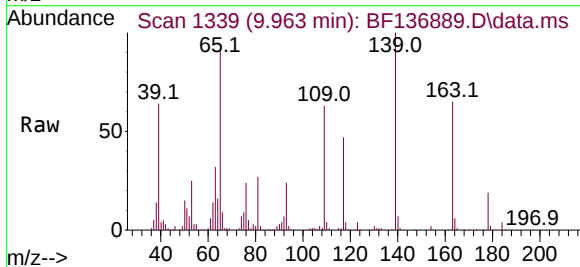


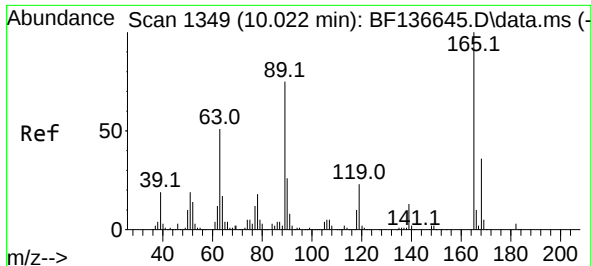
Tgt Ion:168 Resp: 569236
Ion Ratio Lower Upper
168 100
139 34.3 29.3 43.9
169 12.9 11.0 16.4



#56
4-Nitrophenol
Concen: 74.742 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt Ion:139 Resp: 124827
Ion Ratio Lower Upper
139 100
109 63.1 45.8 85.8
65 91.1 77.8 117.8

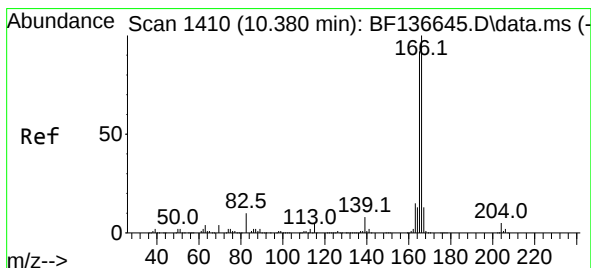
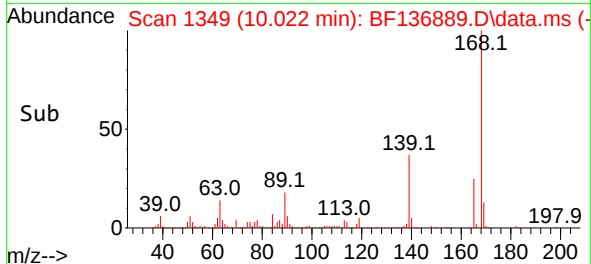
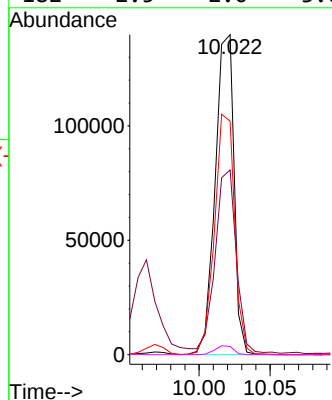
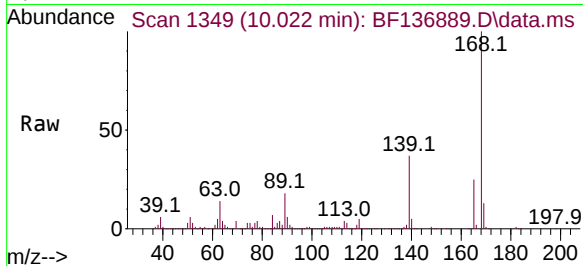




#57
2,4-Dinitrotoluene
Concen: 42.471 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

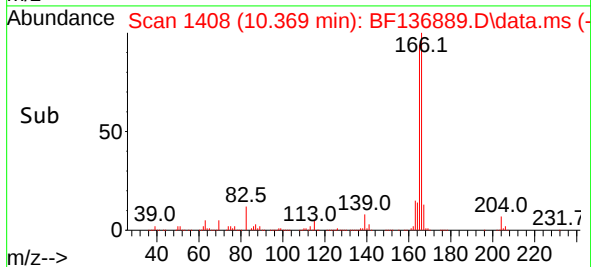
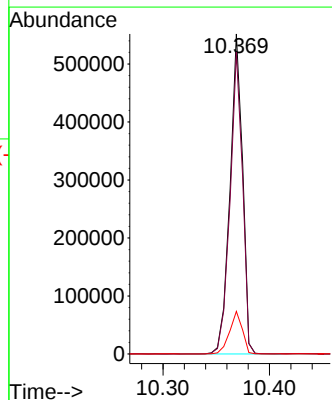
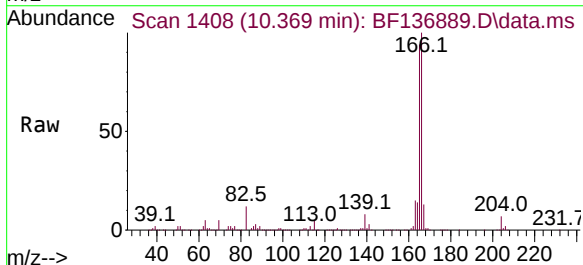
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MSD

Tgt Ion:165 Resp: 128768
Ion Ratio Lower Upper
165 100
63 57.7 41.0 61.6
89 72.9 59.9 89.9
182 2.5 2.0 3.0



#58
Fluorene
Concen: 44.167 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt Ion:166 Resp: 452379
Ion Ratio Lower Upper
166 100
165 94.2 73.7 110.5
167 13.3 10.4 15.6

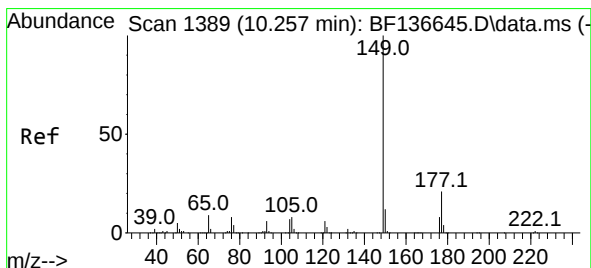
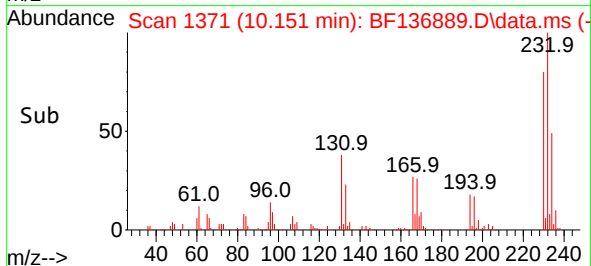
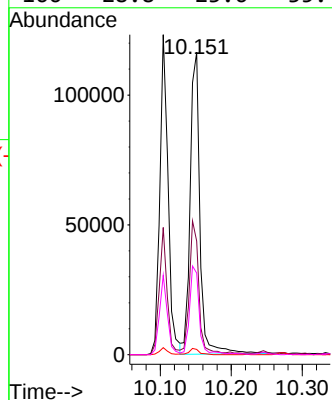
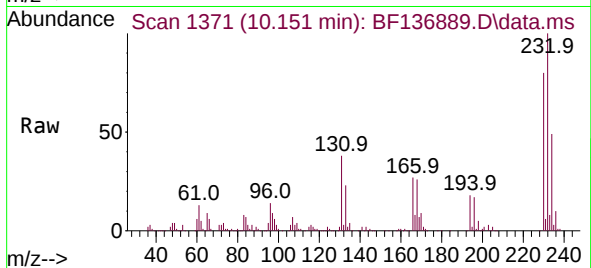




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.496 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

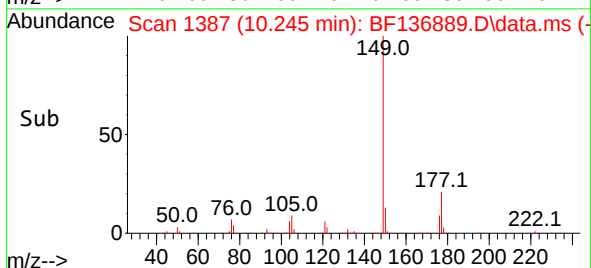
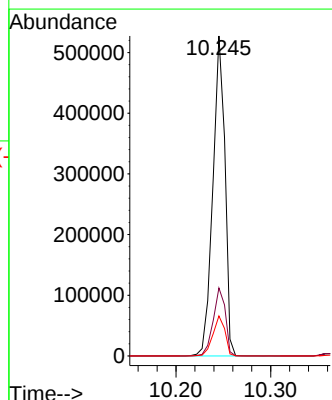
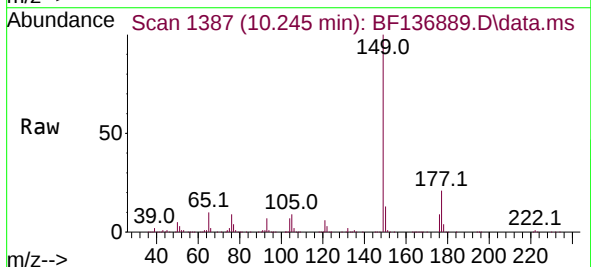
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MSD

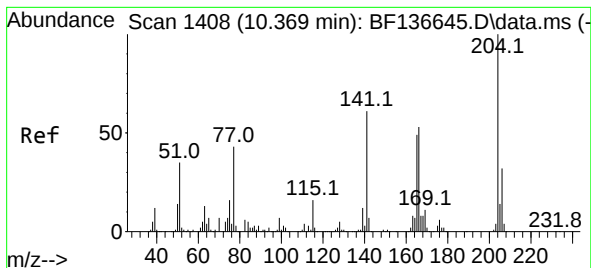
Tgt Ion:232 Resp: 111605
Ion Ratio Lower Upper
232 100
131 40.9 35.1 52.7
130 2.1 1.6 2.4
166 28.8 23.6 35.4



#60
Diethylphthalate
Concen: 43.614 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt Ion:149 Resp: 465678
Ion Ratio Lower Upper
149 100
177 21.3 16.9 25.3
150 12.5 9.3 13.9

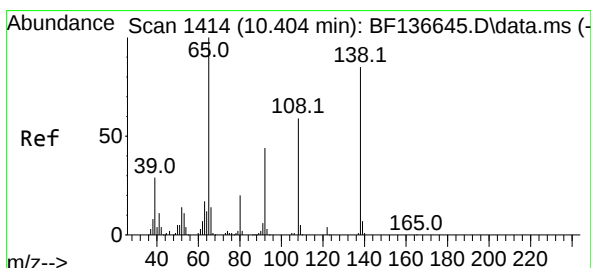
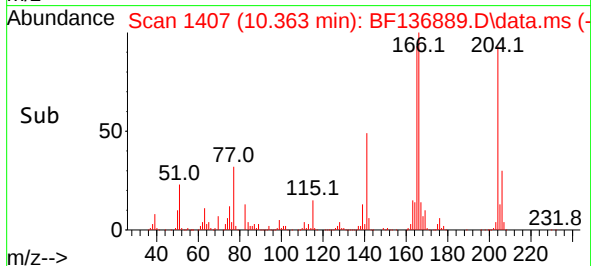
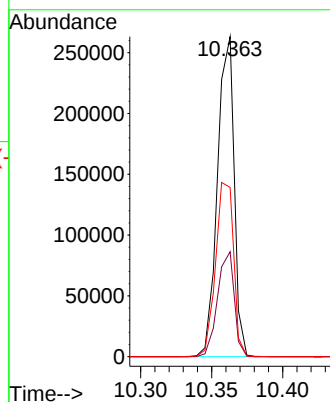
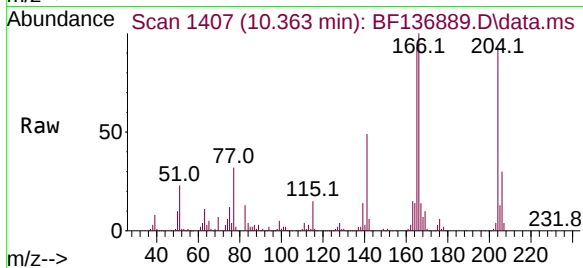




#61
4-Chlorophenyl-phenylether
Concen: 43.127 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

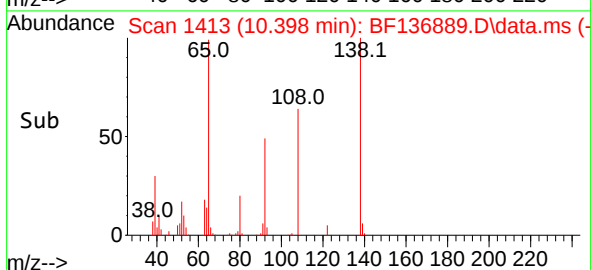
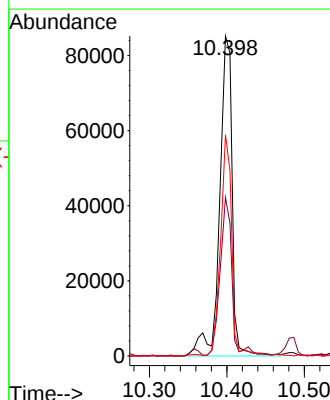
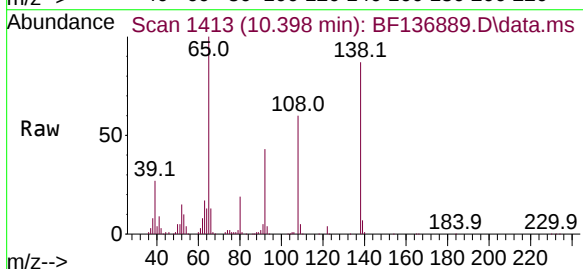
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MSD

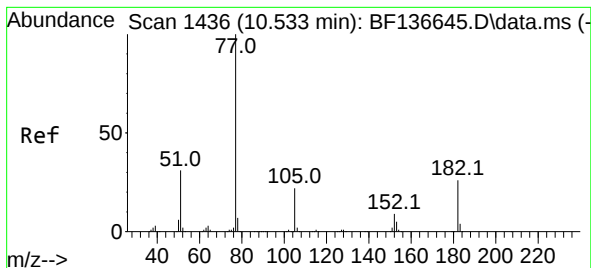
Tgt Ion:204 Resp: 214708
Ion Ratio Lower Upper
204 100
206 32.8 25.6 38.4
141 52.9 48.4 72.6



#62
4-Nitroaniline
Concen: 40.386 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt Ion:138 Resp: 96320
Ion Ratio Lower Upper
138 100
92 49.5 32.1 72.1
108 69.1 50.1 90.1





#63

Azobenzene

Concen: 42.821 ng

RT: 10.522 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MSD

Tgt Ion: 77 Resp: 427031

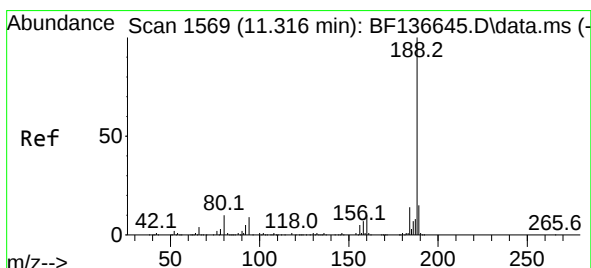
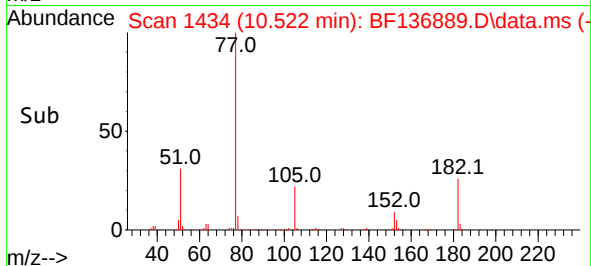
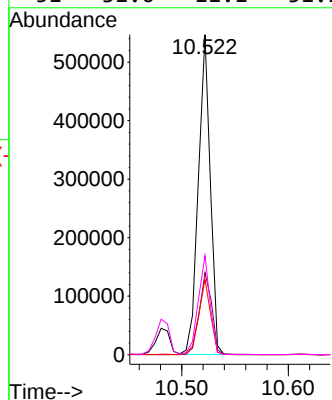
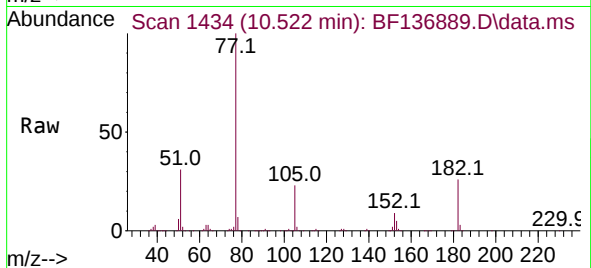
Ion Ratio Lower Upper

77 100

182 25.7 6.0 46.0

105 23.5 2.3 42.3

51 31.0 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: BF136889.D

Acq: 03 Jan 2024 00:35

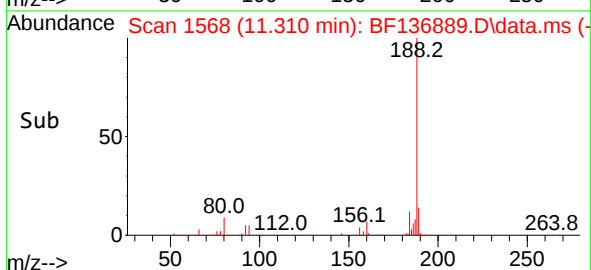
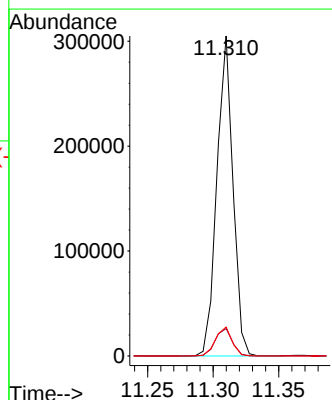
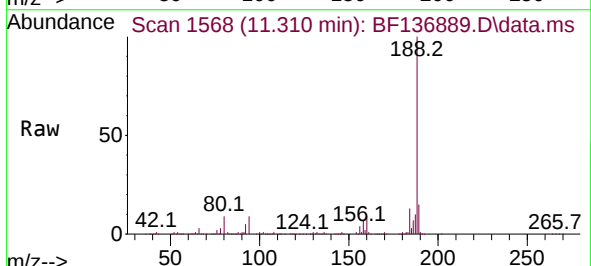
Tgt Ion:188 Resp: 259431

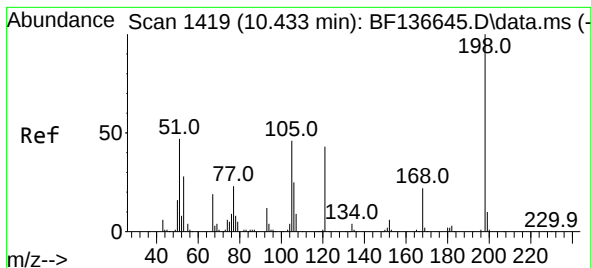
Ion Ratio Lower Upper

188 100

94 8.5 7.5 11.3

80 9.1 8.1 12.1

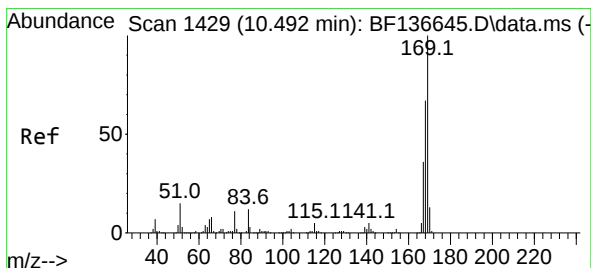
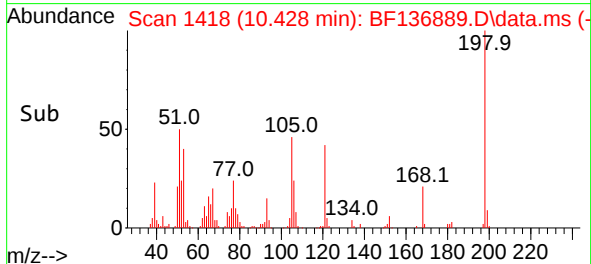
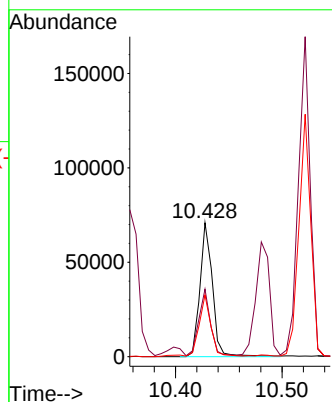
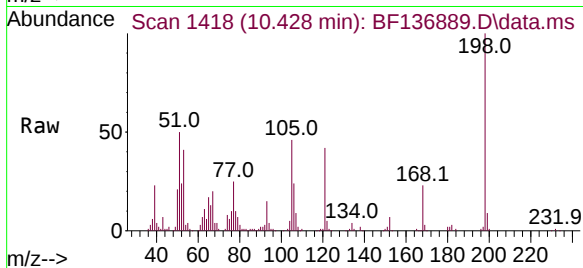




#65
4,6-Dinitro-2-methylphenol
Concen: 39.128 ng
RT: 10.428 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

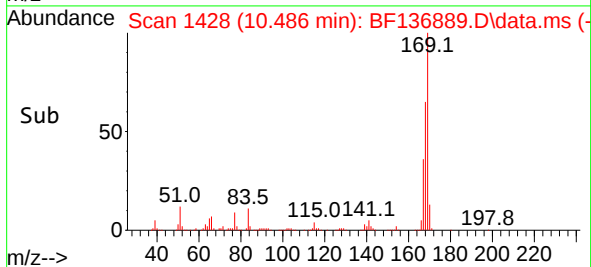
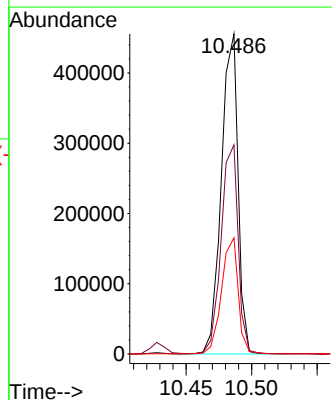
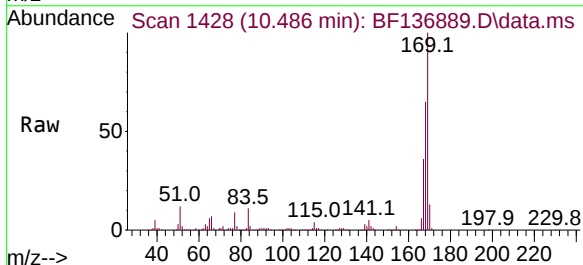
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MSD

Tgt Ion:198 Resp: 58176
Ion Ratio Lower Upper
198 100
51 50.4 34.1 74.1
105 46.0 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 47.699 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt Ion:169 Resp: 401980
Ion Ratio Lower Upper
169 100
168 65.4 53.8 80.6
167 36.3 28.7 43.1

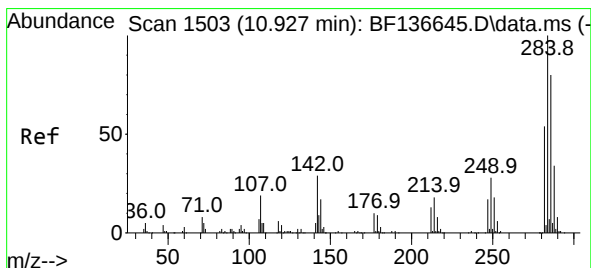
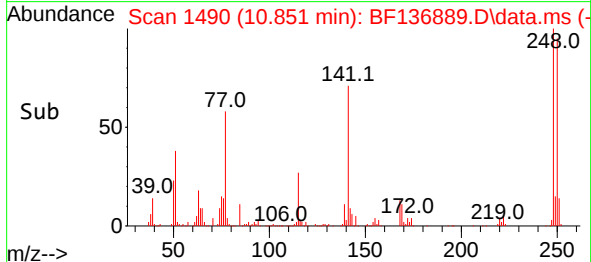
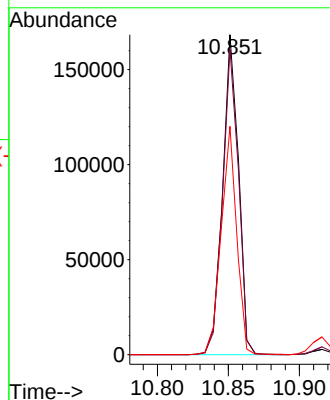
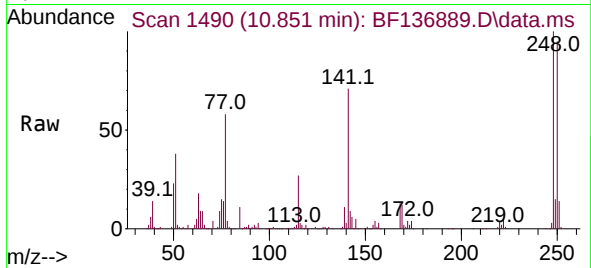




#67
4-Bromophenyl-phenylether
Concen: 45.391 ng
RT: 10.851 min Scan# 1492
Delta R.T. -0.012 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

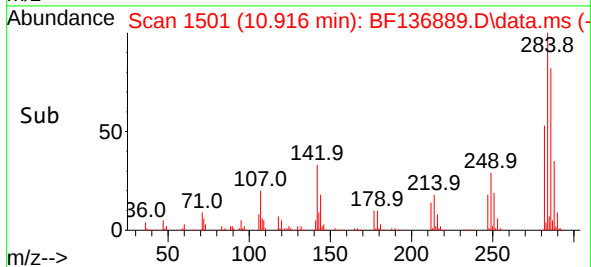
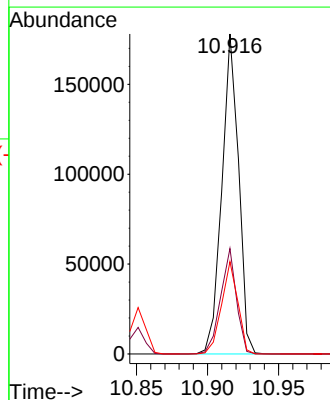
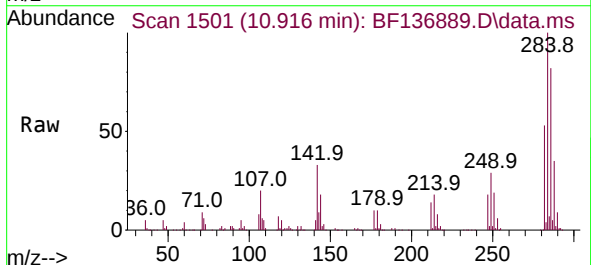
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MSD

Tgt Ion:248 Resp: 130778
Ion Ratio Lower Upper
248 100
250 95.4 77.8 116.6
141 71.3 59.2 88.8



#68
Hexachlorobenzene
Concen: 45.235 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt Ion:284 Resp: 145241
Ion Ratio Lower Upper
284 100
142 32.9 23.4 35.0
249 28.9 22.3 33.5





#69

Atrazine

Concen: 57.891 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MSD

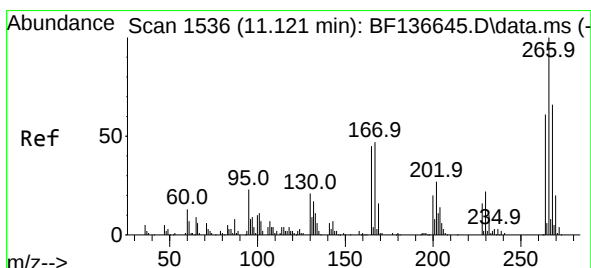
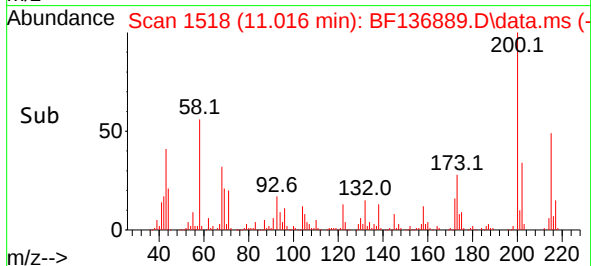
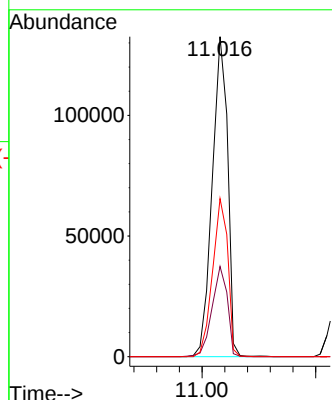
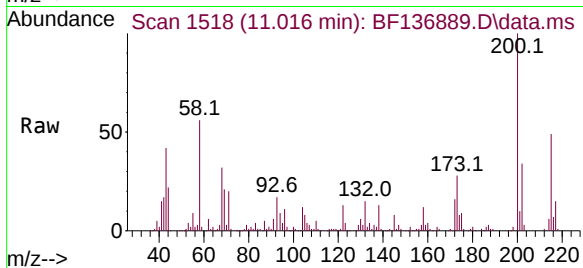
Tgt Ion:200 Resp: 124785

Ion Ratio Lower Upper

200 100

173 28.2 7.6 47.6

215 49.4 28.3 68.3



#70

Pentachlorophenol

Concen: 76.139 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

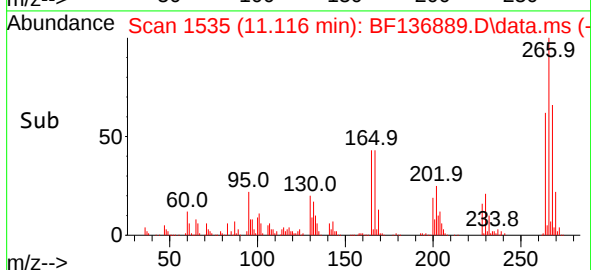
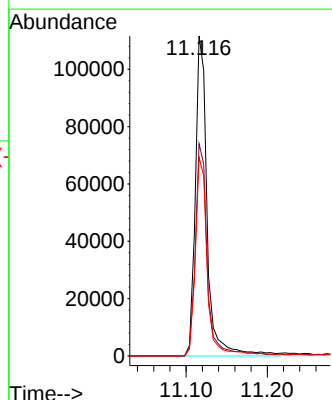
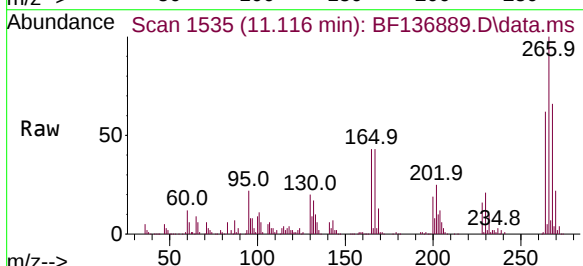
Tgt Ion:266 Resp: 113949

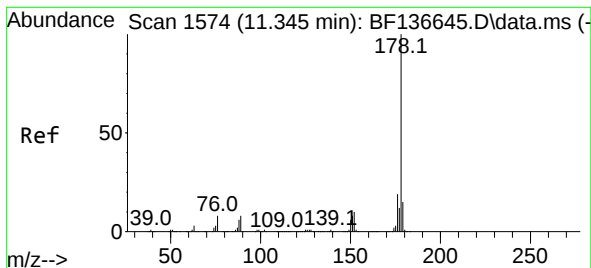
Ion Ratio Lower Upper

266 100

268 66.3 52.6 78.8

264 62.2 49.0 73.4





#71

Phenanthrene

Concen: 46.449 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MSD

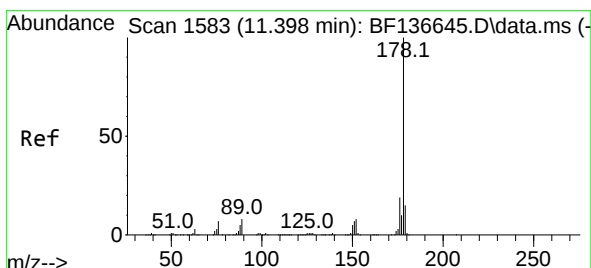
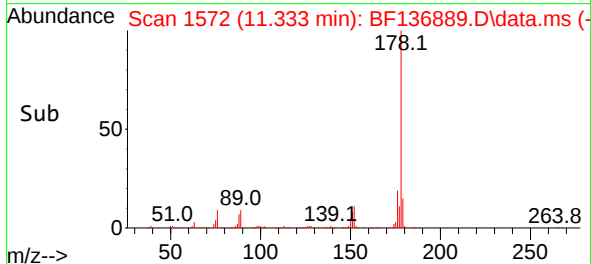
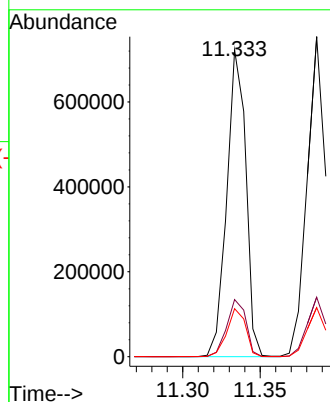
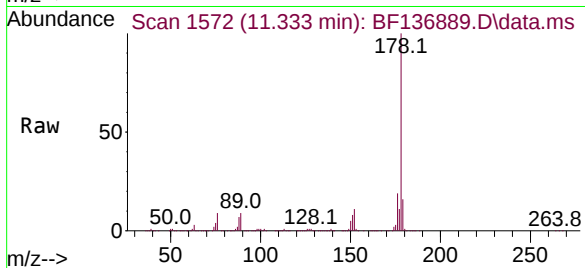
Tgt Ion:178 Resp: 618309

Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

179 15.6 11.9 17.9



#72

Anthracene

Concen: 46.259 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

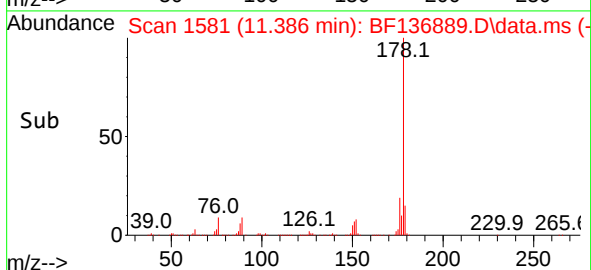
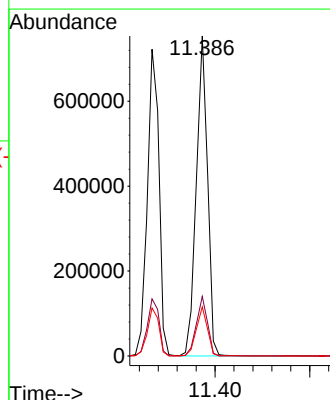
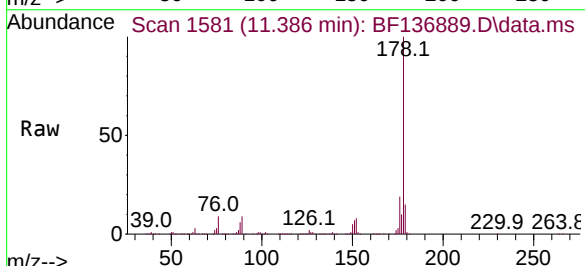
Tgt Ion:178 Resp: 623622

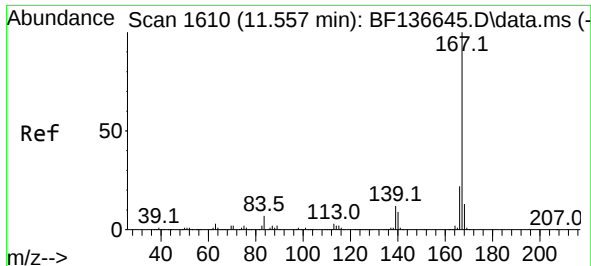
Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

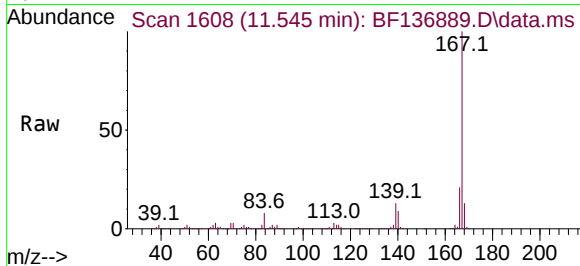
179 15.3 11.8 17.6



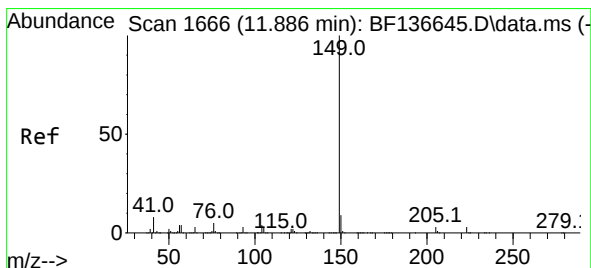
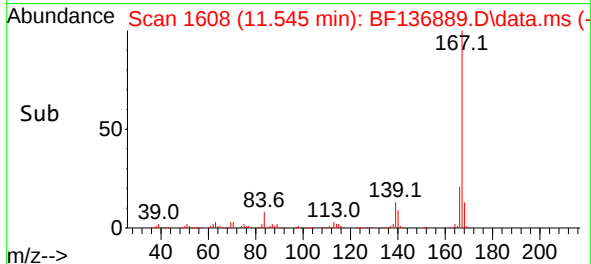
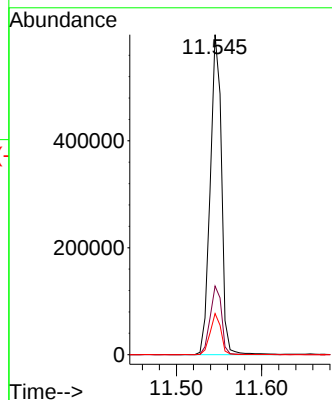


#73
 Carbazole
 Concen: 43.272 ng
 RT: 11.545 min Scan# 1
 Delta R.T. -0.012 min
 Lab File: BF136889.D
 Acq: 03 Jan 2024 00:35

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

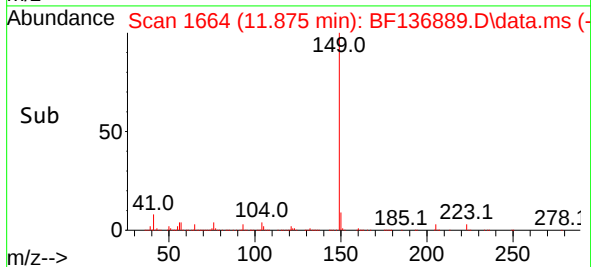
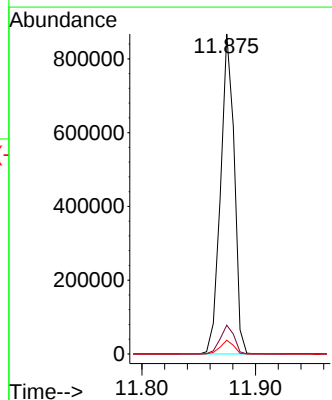
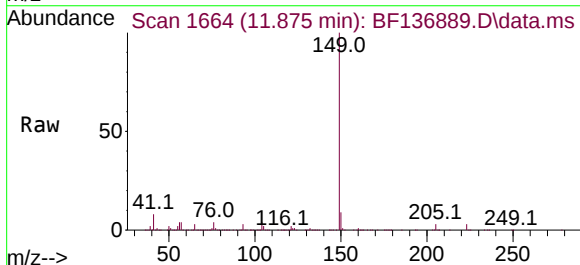


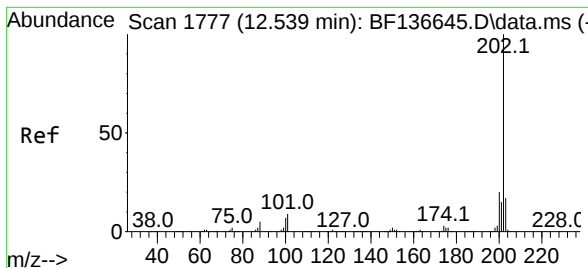
Tgt Ion:167 Resp: 549996
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 12.9 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 46.888 ng
 RT: 11.875 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF136889.D
 Acq: 03 Jan 2024 00:35

Tgt Ion:149 Resp: 727209
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.3 3.6 5.4





#75

Fluoranthene

Concen: 41.719 ng

RT: 12.527 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MSD

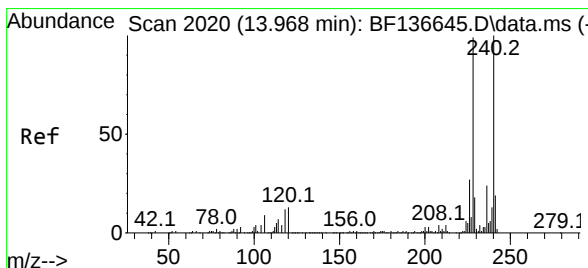
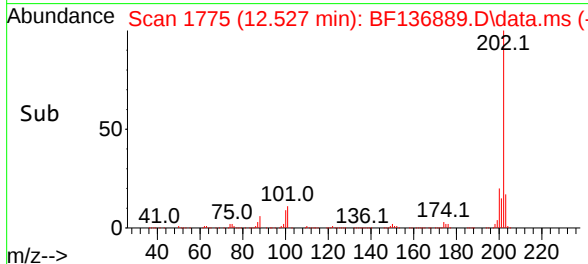
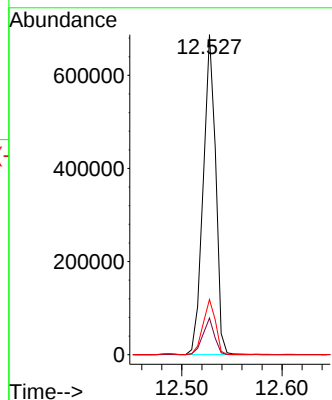
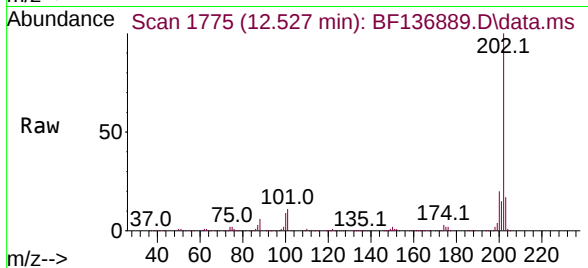
Tgt Ion:202 Resp: 594030

Ion Ratio Lower Upper

202 100

101 11.5 0.0 29.3

203 17.3 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

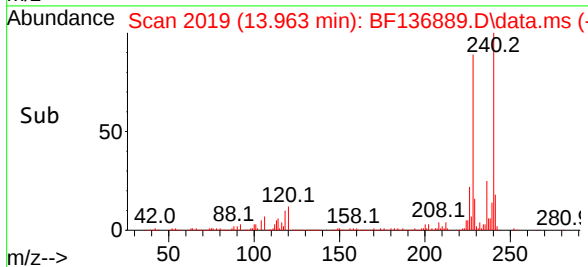
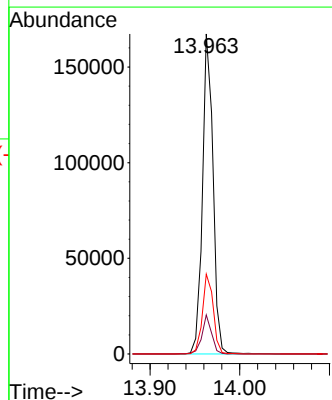
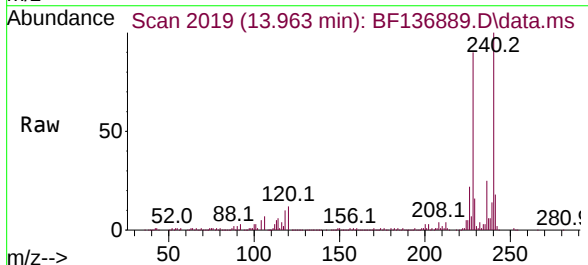
Tgt Ion:240 Resp: 136665

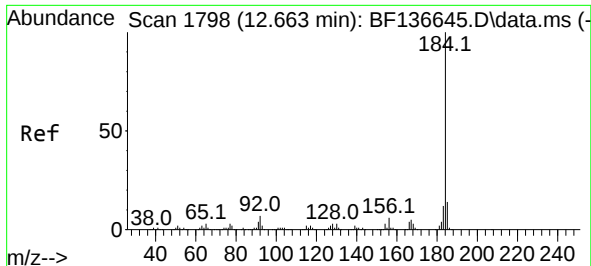
Ion Ratio Lower Upper

240 100

120 12.2 10.3 15.5

236 25.0 19.4 29.2

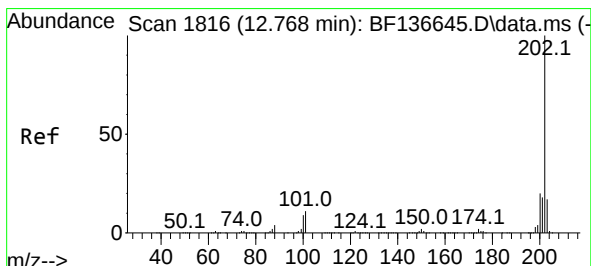
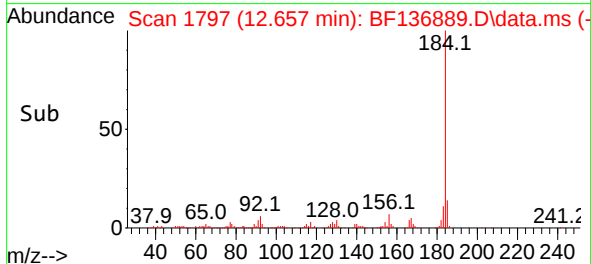
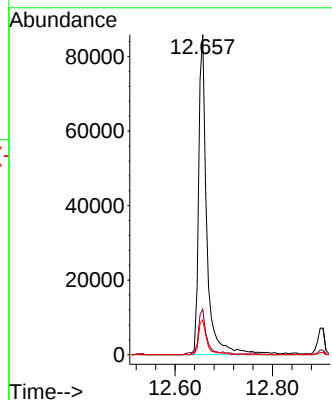
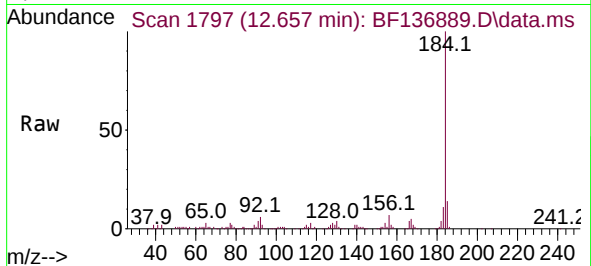




#77
Benzidine
Concen: 25.057 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

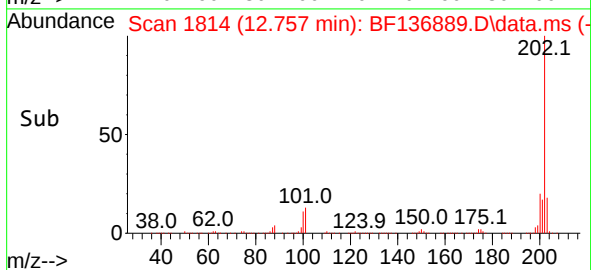
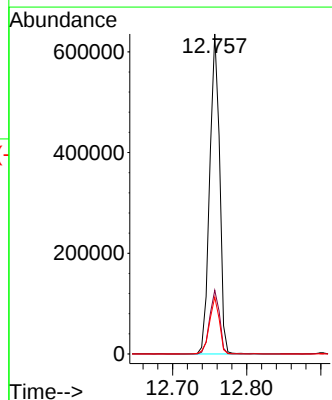
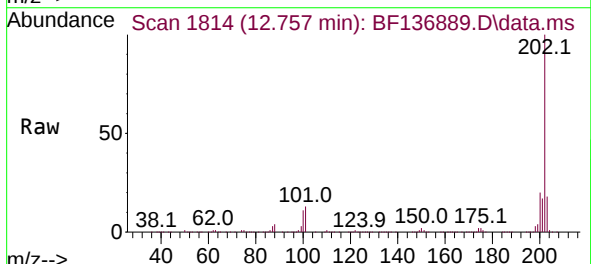
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MSD

Tgt Ion:184 Resp: 100970
Ion Ratio Lower Upper
184 100
185 14.3 11.2 16.8
183 10.8 9.3 13.9



#78
Pyrene
Concen: 44.043 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt Ion:202 Resp: 590876
Ion Ratio Lower Upper
202 100
200 19.9 15.9 23.9
203 17.8 13.8 20.6





#79

Terphenyl-d14

Concen: 62.074 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136889.D

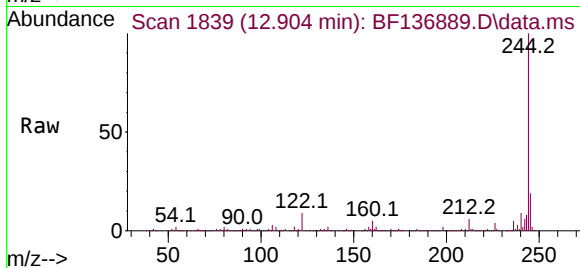
Acq: 03 Jan 2024 00:35

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MSD



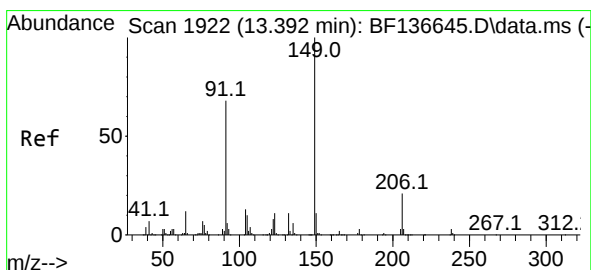
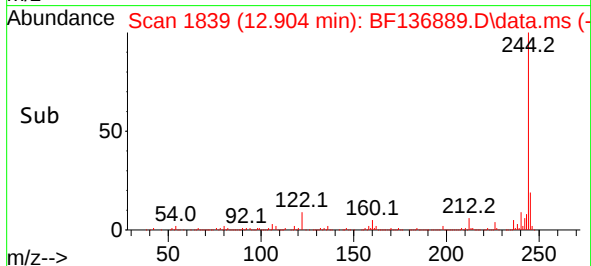
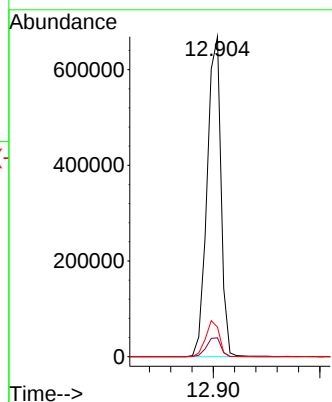
Tgt Ion:244 Resp: 607048

Ion Ratio Lower Upper

244 100

212 5.9 5.0 7.4

122 9.3 9.0 13.4



#80

Butylbenzylphthalate

Concen: 49.135 ng

RT: 13.380 min Scan# 1920

Delta R.T. -0.012 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

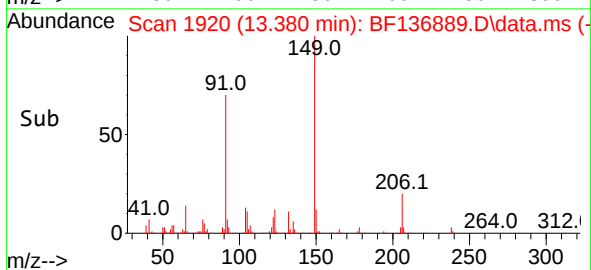
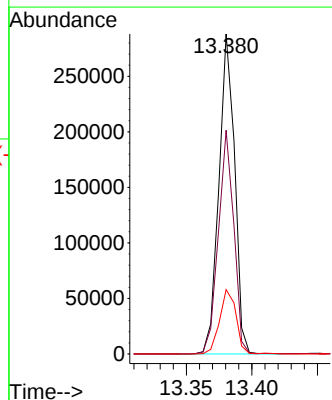
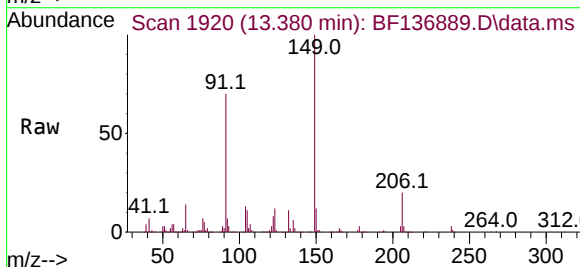
Tgt Ion:149 Resp: 239861

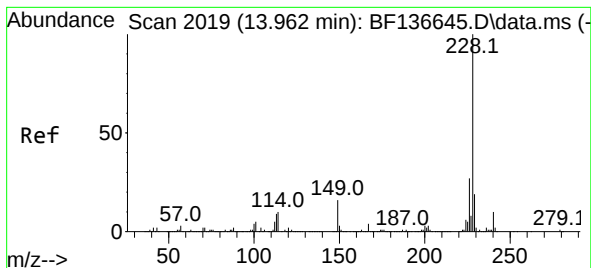
Ion Ratio Lower Upper

149 100

91 69.9 54.1 81.1

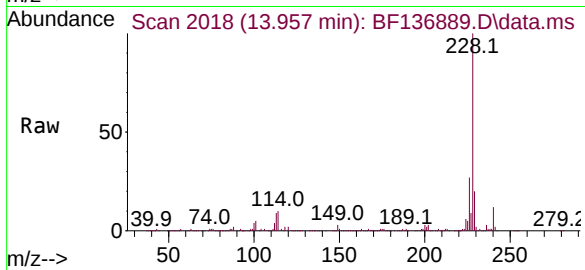
206 20.1 17.1 25.7



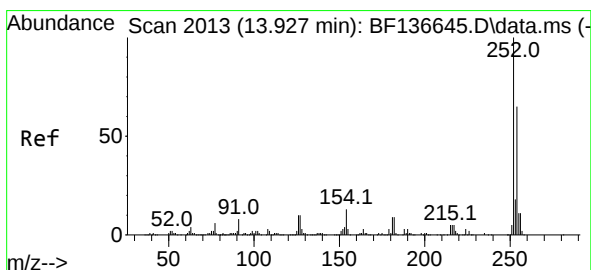
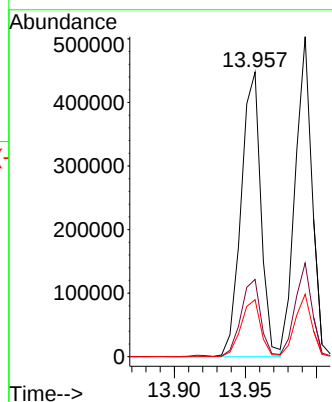
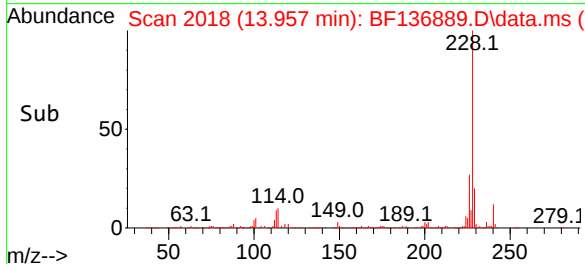


#81
Benzo(a)anthracene
Concen: 45.870 ng
RT: 13.957 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

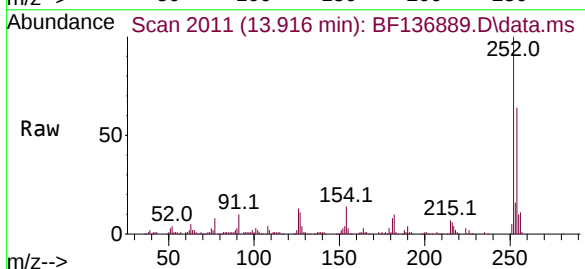
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MSD



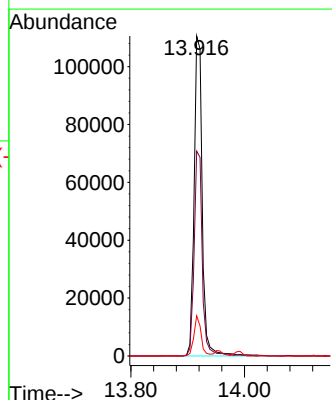
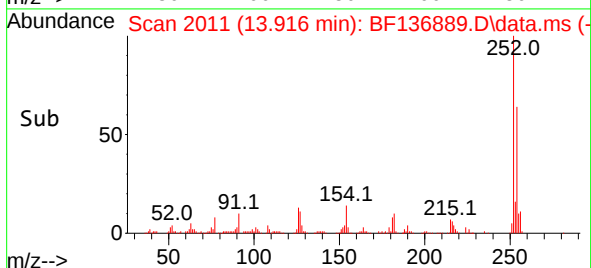
Tgt Ion:228 Resp: 435300
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.0
229 20.0 14.9 22.3

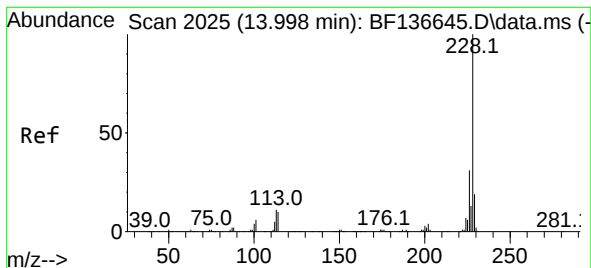


#82
3,3'-Dichlorobenzidine
Concen: 40.874 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35



Tgt Ion:252 Resp: 110156
Ion Ratio Lower Upper
252 100
254 64.0 52.2 78.4
126 12.6 8.0 12.0#





#83

Chrysene

Concen: 44.442 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MSD

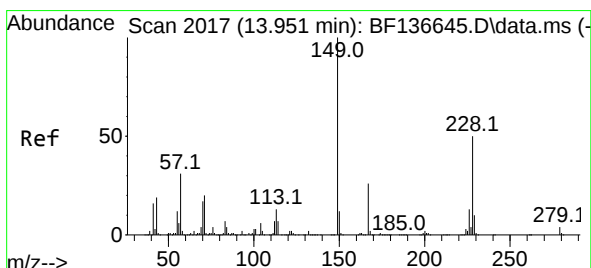
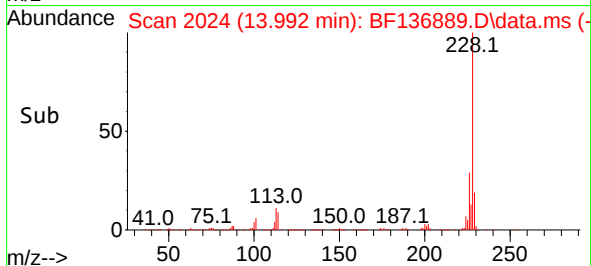
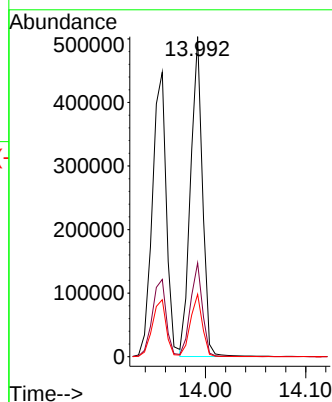
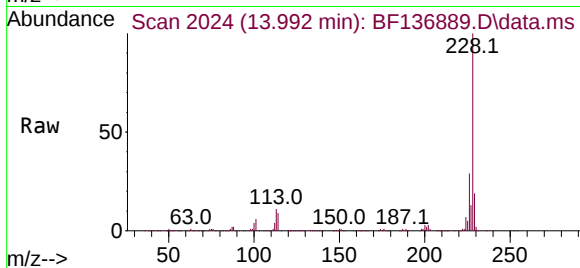
Tgt Ion:228 Resp: 412425

Ion Ratio Lower Upper

228 100

226 29.3 24.7 37.1

229 19.5 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.119 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

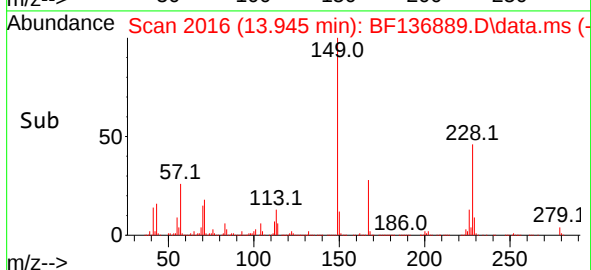
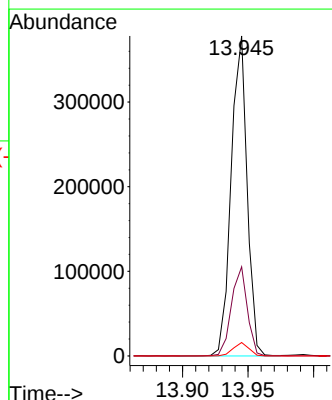
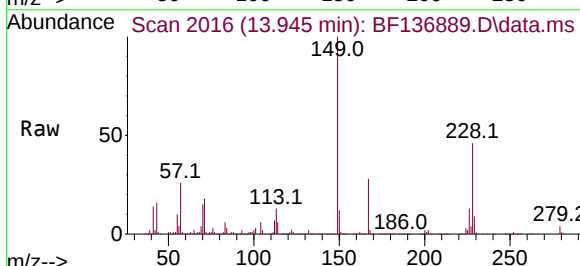
Tgt Ion:149 Resp: 320115

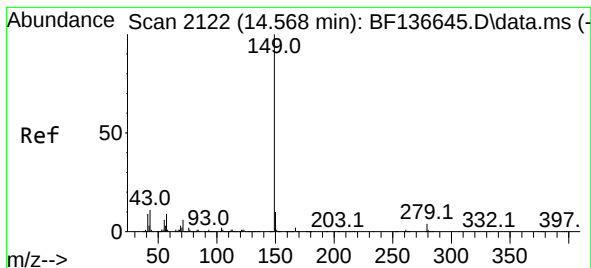
Ion Ratio Lower Upper

149 100

167 27.9 20.9 31.3

279 4.2 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 53.087 ng

RT: 14.563 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MSD

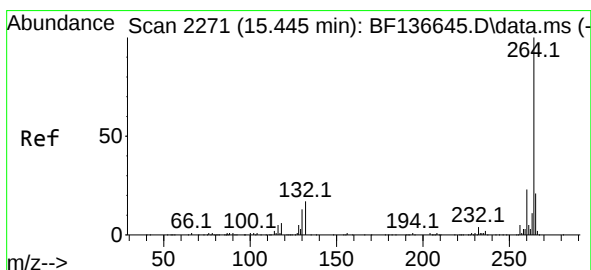
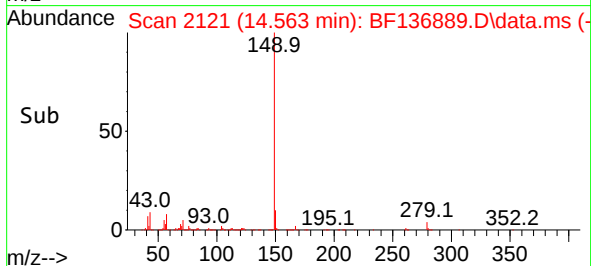
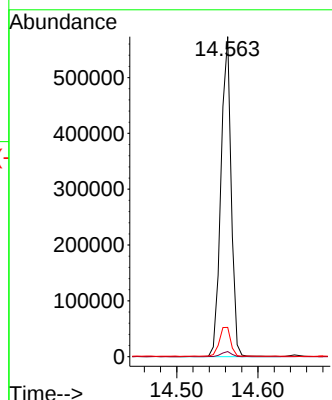
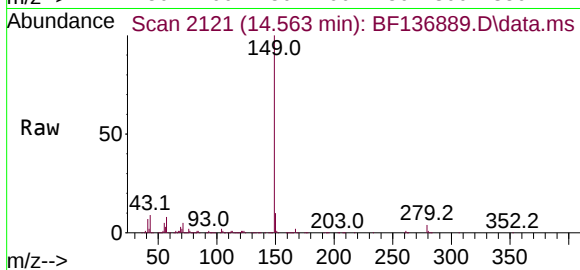
Tgt Ion:149 Resp: 504374

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.0 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

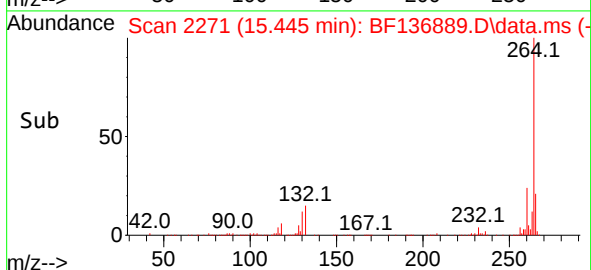
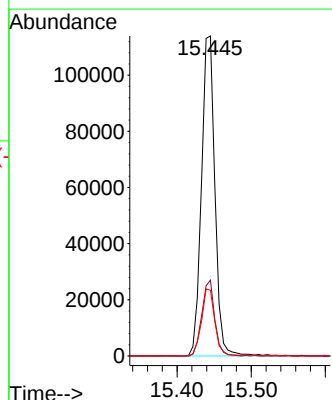
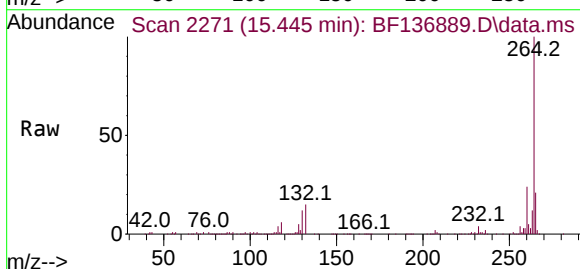
Tgt Ion:264 Resp: 144219

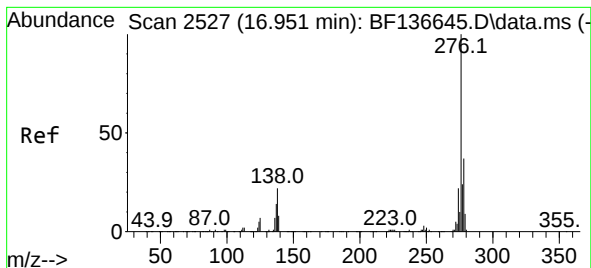
Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 20.6 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.778 ng

RT: 16.951 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4MSD

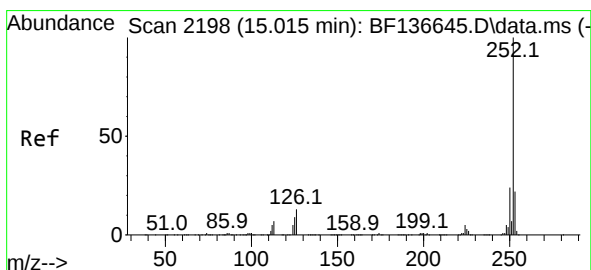
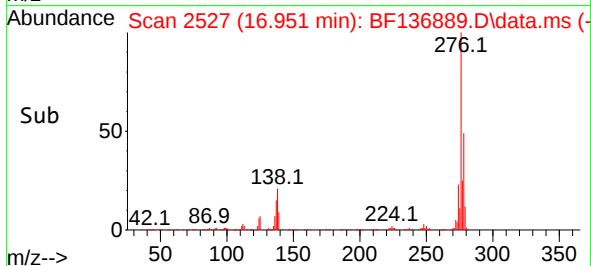
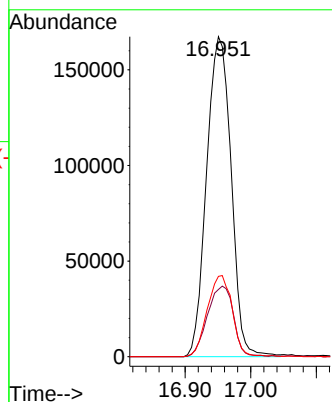
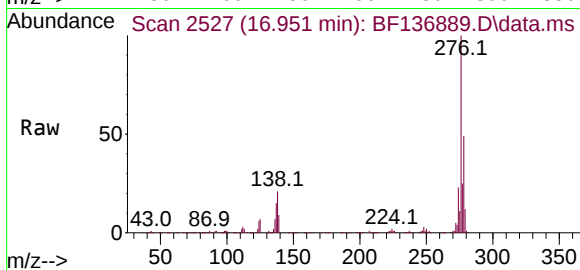
Tgt Ion:276 Resp: 435031

Ion Ratio Lower Upper

276 100

138 23.3 18.7 28.1

277 25.8 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.653 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF136889.D

Acq: 03 Jan 2024 00:35

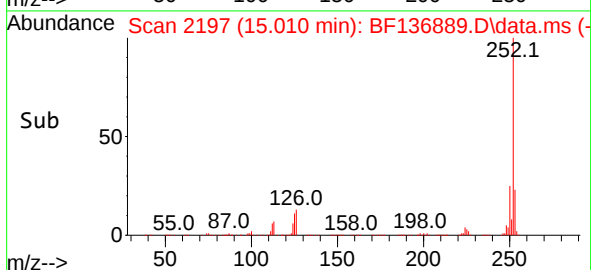
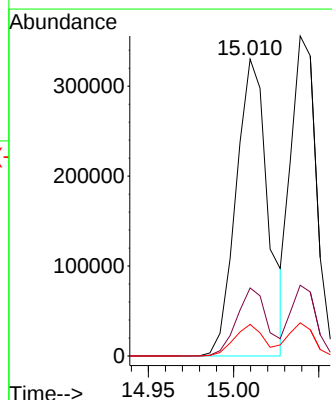
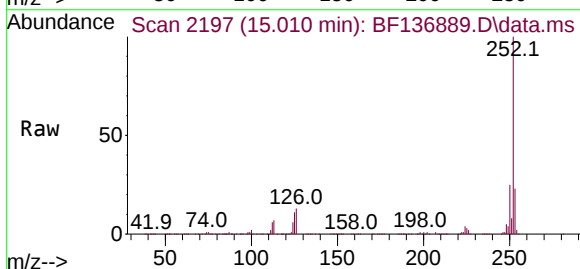
Tgt Ion:252 Resp: 430124

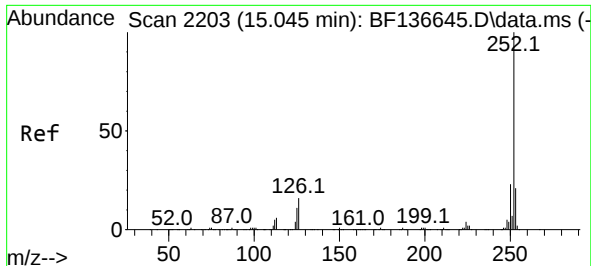
Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

125 10.6 7.4 11.2

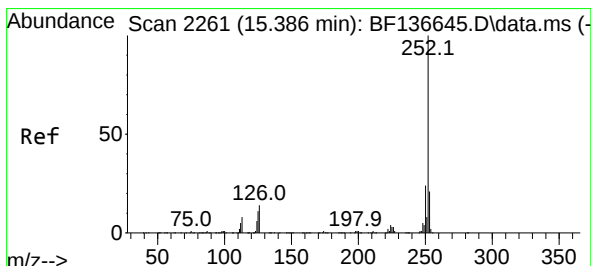
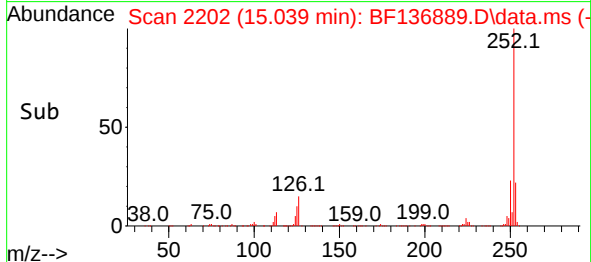
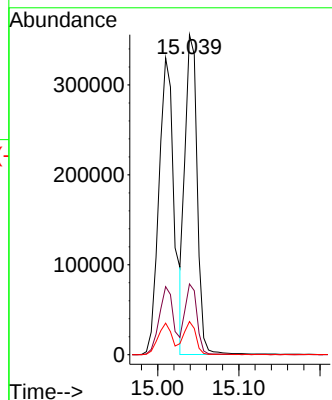
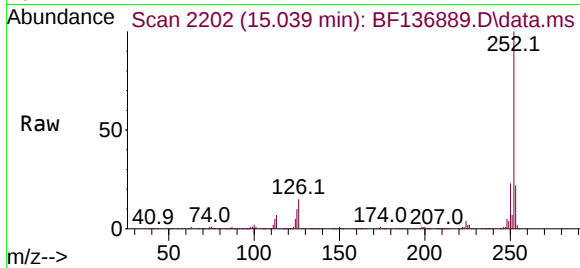




#89
Benzo(k)fluoranthene
Concen: 40.744 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

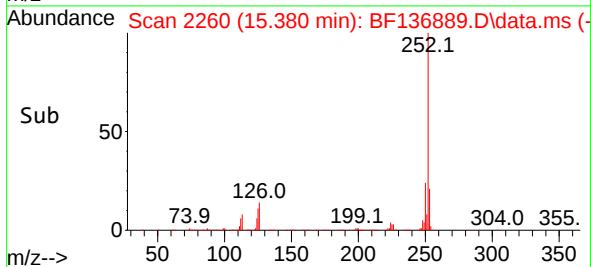
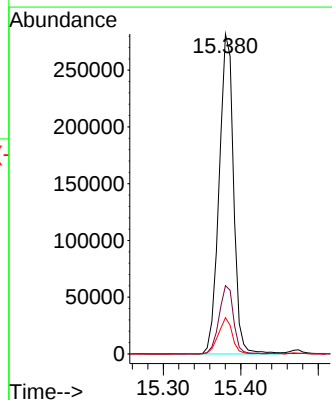
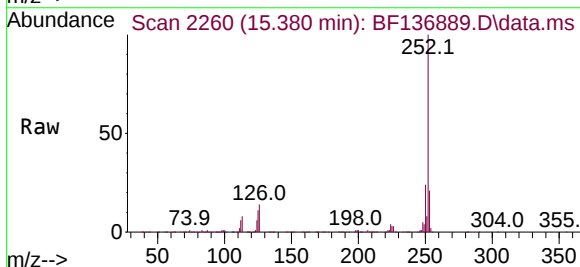
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4MSD

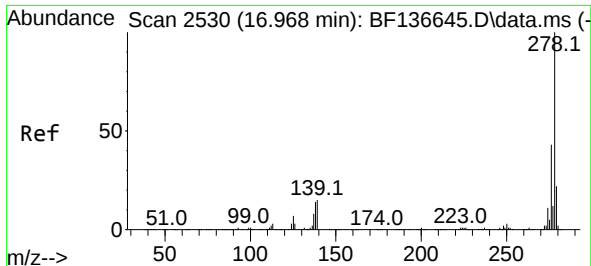
Tgt Ion:252 Resp: 370845
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 10.3 8.2 12.4



#90
Benzo(a)pyrene
Concen: 44.782 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt Ion:252 Resp: 364119
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 11.4 8.8 13.2

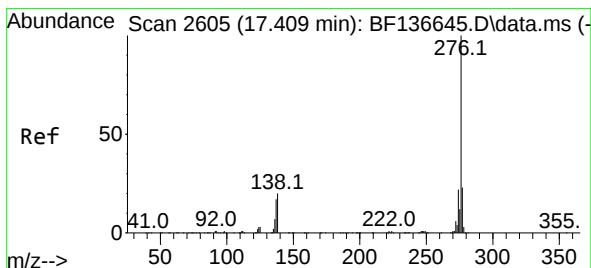
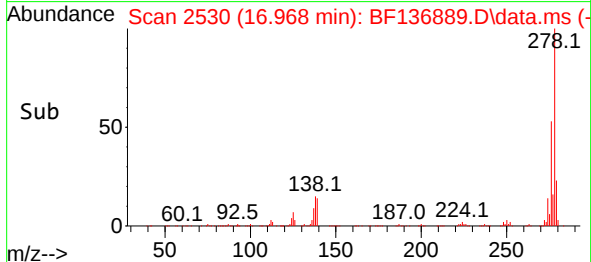
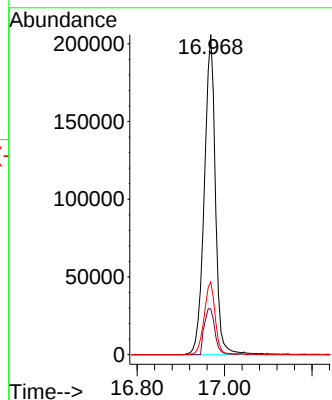
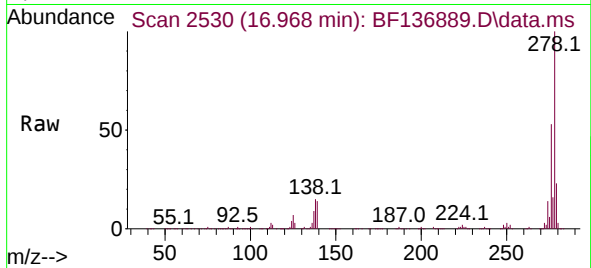




#91
Dibenzo(a,h)anthracene
Concen: 42.611 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

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

Tgt Ion:278 Resp: 364013
Ion Ratio Lower Upper
278 100
139 14.3 12.2 18.4
279 22.7 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 39.382 ng
RT: 17.404 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF136889.D
Acq: 03 Jan 2024 00:35

Tgt Ion:276 Resp: 344574
Ion Ratio Lower Upper
276 100
277 23.1 18.3 27.5
138 21.3 15.6 23.4

