

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136930.D
 Acq On : 04 Jan 2024 03:09
 Operator : CG\JU
 Sample : 06041-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-12282023MSD

Quant Time: Jan 04 03:47:29 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	6.787	152	49707	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	162127	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	69804	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	134660	20.000	ng	0.00
76) Chrysene-d12	13.974	240	103223	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	82690	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	380630	119.478	ng	0.01
7) Phenol-d6	6.446	99	437561	105.999	ng	0.00
23) Nitrobenzene-d5	7.351	82	266884	84.235	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	105995	128.932	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	449641	86.637	ng	-0.01
79) Terphenyl-d14	12.910	244	503388	68.150	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	64904	48.896	ng	96
3) Pyridine	3.369	79	139439	43.055	ng	95
4) n-Nitrosodimethylamine	3.328	42	85956	49.700	ng	96
6) Aniline	6.457	93	85208	20.646	ng	# 1
8) 2-Chlorophenol	6.581	128	164005	47.043	ng	97
9) Benzaldehyde	6.340	77	32392	13.796	ng	97
10) Phenol	6.457	94	192622	43.712	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	166812	49.777	ng	94
12) 1,3-Dichlorobenzene	6.728	146	177540	46.682	ng	97
13) 1,4-Dichlorobenzene	6.804	146	183406	47.197	ng	98
14) 1,2-Dichlorobenzene	6.951	146	169091	46.762	ng	98
15) Benzyl Alcohol	6.940	79	133301	47.866	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	255287	46.594	ng	# 44
17) 2-Methylphenol	7.057	107	121781	42.166	ng	# 90
18) Hexachloroethane	7.293	117	56540	40.063	ng	# 90
19) n-Nitroso-di-n-propyla...	7.204	70	116977	46.747	ng	95
20) 3+4-Methylphenols	7.216	107	159435	44.187	ng	# 51
22) Acetophenone	7.198	105	235732	58.009	ng	# 83
24) Nitrobenzene	7.369	77	159438	50.235	ng	97
25) Isophorone	7.610	82	291483	50.560	ng	98
26) 2-Nitrophenol	7.681	139	54226	35.710	ng	94
27) 2,4-Dimethylphenol	7.728	122	117297	63.449	ng	95
28) bis(2-Chloroethoxy)met...	7.816	93	183909	52.481	ng	99
29) 2,4-Dichlorophenol	7.934	162	111996	47.056	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	134279	50.637	ng	98
31) Naphthalene	8.087	128	454955	51.079	ng	99
32) Benzoic acid	7.863	122	73906	41.317	ng	90
33) 4-Chloroaniline	8.145	127	32889	10.001	ng	98
34) Hexachlorobutadiene	8.198	225	83225	51.656	ng	98
35) Caprolactam	8.522	113	35991	45.839	ng	88
36) 4-Chloro-3-methylphenol	8.639	107	113410	42.327	ng	100
37) 2-Methylnaphthalene	8.775	142	261116	45.553	ng	99
38) 1-Methylnaphthalene	8.875	142	245264	43.612	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	125871	58.225	ng	99
41) Hexachlorocyclopentadiene	8.922	237	13761	23.640	ng	95
43) 2,4,6-Trichlorophenol	9.063	196	72767	52.486	ng	98

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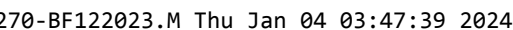
Instrument :
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 BU-02-12282023MSD

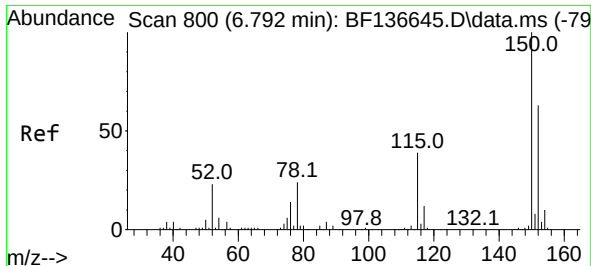
Quant Time: Jan 04 03:47:29 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	77654	50.263	ng	96
46) 1,1'-Biphenyl	9.239	154	326201	55.688	ng	98
47) 2-Chloronaphthalene	9.269	162	232398	52.188	ng	96
48) 2-Nitroaniline	9.375	65	73296	52.562	ng	87
49) Acenaphthylene	9.681	152	374093	54.962	ng	99
50) Dimethylphthalate	9.545	163	267020	52.371	ng	100
51) 2,6-Dinitrotoluene	9.610	165	49555	42.825	ng	91
52) Acenaphthene	9.857	154	223944	53.078	ng	98
53) 3-Nitroaniline	9.786	138	56910	46.428	ng	95
54) 2,4-Dinitrophenol	9.904	184	1272	5.626	ng #	75
55) Dibenzofuran	10.028	168	334085	52.236	ng	99
56) 4-Nitrophenol	9.969	139	76271	92.173	ng	95
57) 2,4-Dinitrotoluene	10.022	165	58998	39.274	ng	97
58) Fluorene	10.375	166	274985	54.187	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.157	232	65398	54.990	ng #	96
60) Diethylphthalate	10.245	149	267202	50.509	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	120548	48.871	ng	98
62) 4-Nitroaniline	10.404	138	61259	51.841	ng	95
63) Azobenzene	10.528	77	234290	47.417	ng	95
65) 4,6-Dinitro-2-methylph...	10.433	198	1718	2.226	ng	82
66) n-Nitrosodiphenylamine	10.486	169	223925	51.190	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	74076	49.533	ng	95
68) Hexachlorobenzene	10.922	284	83215	49.931	ng	99
69) Atrazine	11.022	200	70849	63.324	ng	98
70) Pentachlorophenol	11.128	266	76612	98.622	ng	97
71) Phenanthrene	11.339	178	517164	74.848	ng	99
72) Anthracene	11.392	178	431103	61.608	ng	98
73) Carbazole	11.557	167	381246	57.788	ng	100
74) Di-n-butylphthalate	11.880	149	455346	56.562	ng	99
75) Fluoranthene	12.539	202	593457	80.297	ng	97
77) Benzidine	12.669	184	94160	30.937	ng	97
78) Pyrene	12.769	202	584880	57.720	ng	99
80) Butylbenzylphthalate	13.392	149	205271	55.672	ng	97
81) Benzo(a)anthracene	13.969	228	438730	61.209	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	77501	38.073	ng #	97
83) Chrysene	14.004	228	402288	57.394	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	298200	64.280	ng	95
85) Di-n-octyl phthalate	14.569	149	493030	68.705	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	289176	48.436	ng	99
88) Benzo(b)fluoranthene	15.027	252	337338	61.079	ng	100
89) Benzo(k)fluoranthene	15.057	252	288831	55.346	ng	98
90) Benzo(a)pyrene	15.398	252	271868	58.316	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	235185	48.016	ng	98
92) Benzo(g,h,i)perylene	17.439	276	231431	46.133	ng	97

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

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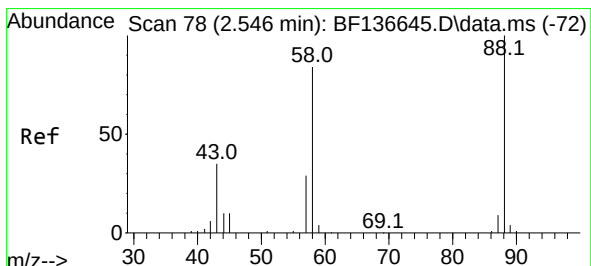
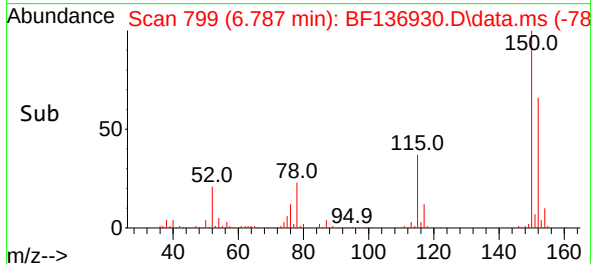
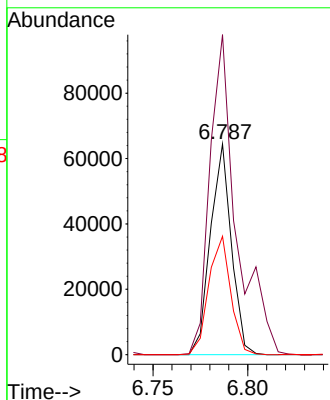
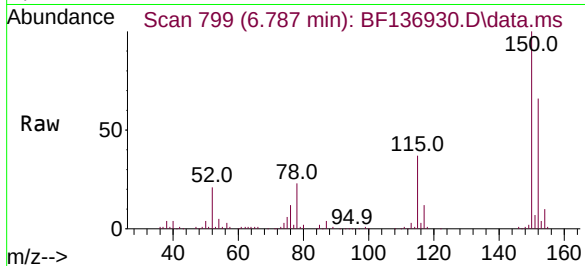




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

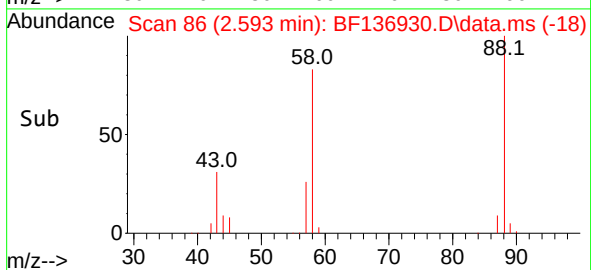
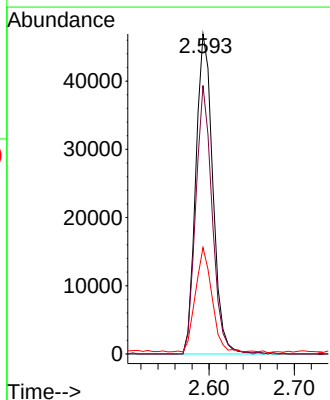
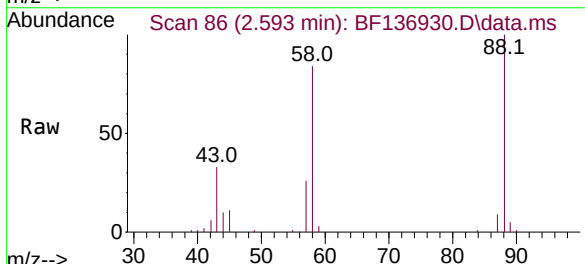
Instrument :
BNA_F
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BU-02-12282023MSD

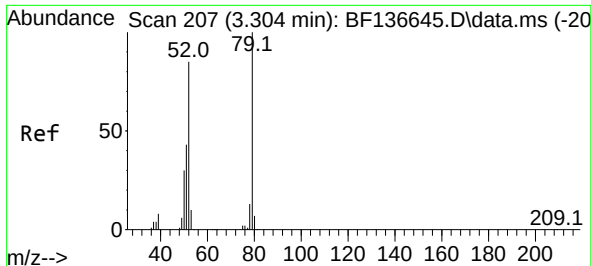
Tgt Ion:152 Resp: 49707
Ion Ratio Lower Upper
152 100
150 151.8 127.0 190.6
115 56.1 49.0 73.4



#2
1,4-Dioxane
Concen: 48.896 ng
RT: 2.593 min Scan# 86
Delta R.T. 0.047 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion: 88 Resp: 64904
Ion Ratio Lower Upper
88 100
58 81.5 67.4 101.0
43 31.6 27.7 41.5

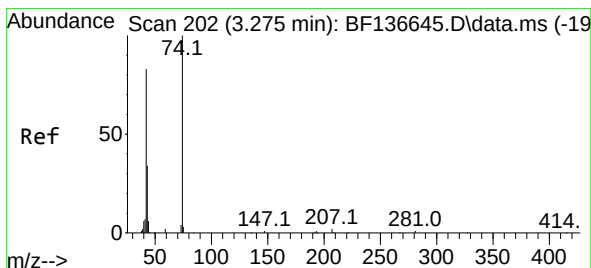
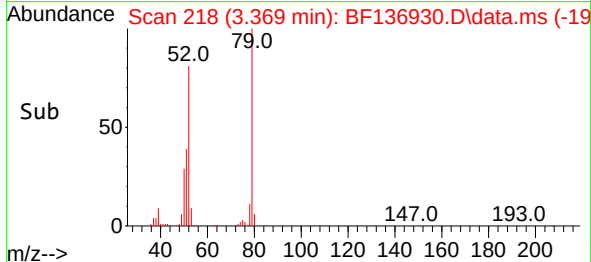
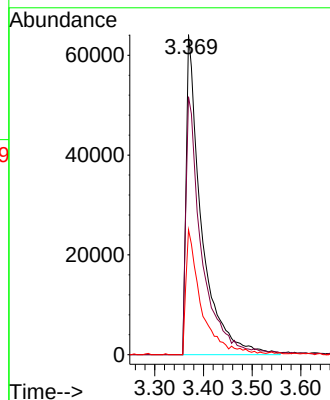
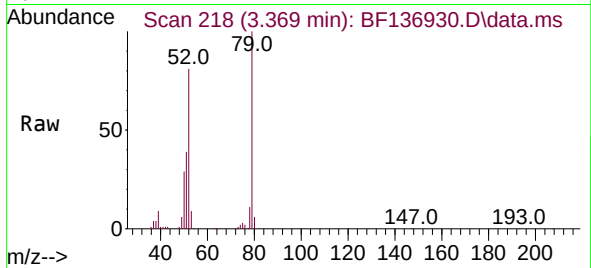




#3
 Pyridine
 Concen: 43.055 ng
 RT: 3.369 min Scan# 211
 Delta R.T. 0.065 min
 Lab File: BF136930.D
 Acq: 04 Jan 2024 03:09

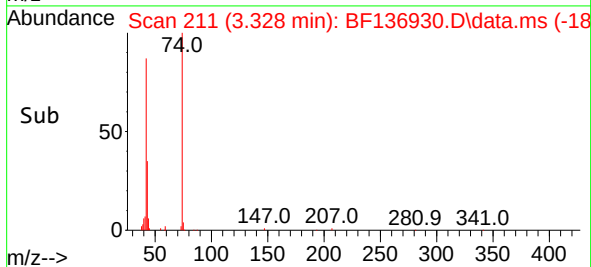
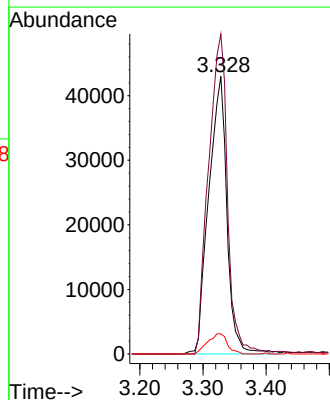
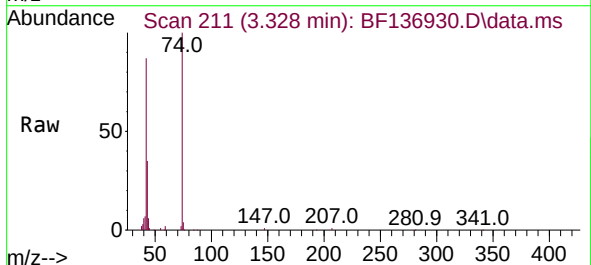
Instrument :
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 ClientSampleId :
 BU-02-12282023MSD

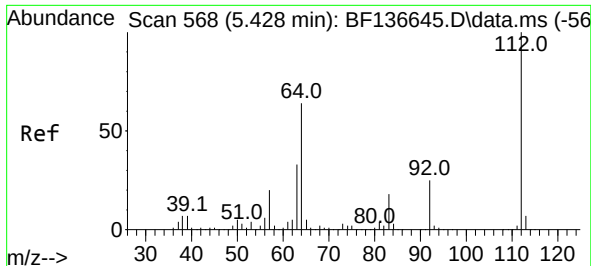
Tgt Ion: 79 Resp: 139439
 Ion Ratio Lower Upper
 79 100
 52 80.6 67.7 101.5
 51 39.1 34.0 51.0



#4
 n-Nitrosodimethylamine
 Concen: 49.700 ng
 RT: 3.328 min Scan# 211
 Delta R.T. 0.053 min
 Lab File: BF136930.D
 Acq: 04 Jan 2024 03:09

Tgt Ion: 42 Resp: 85956
 Ion Ratio Lower Upper
 42 100
 74 115.3 96.0 144.0
 44 7.3 5.4 8.2

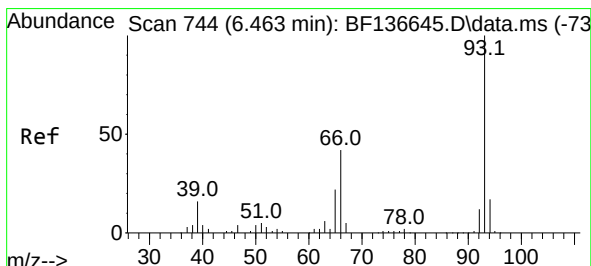
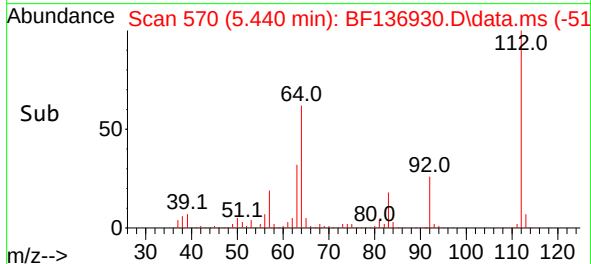
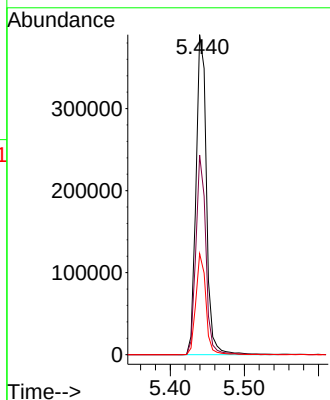
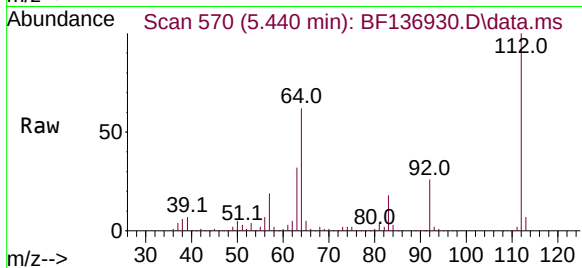




#5
2-Fluorophenol
Concen: 119.478 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

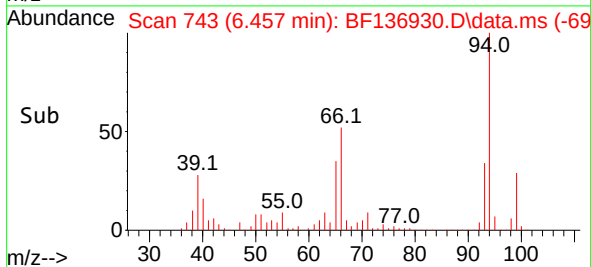
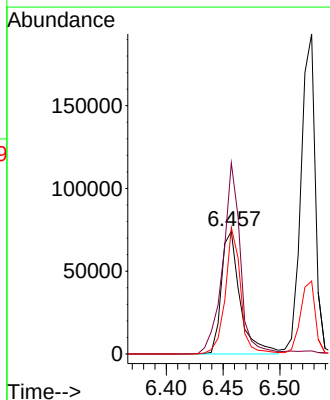
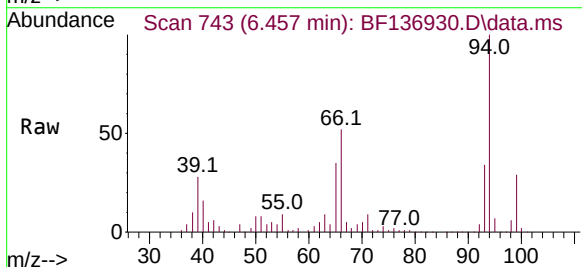
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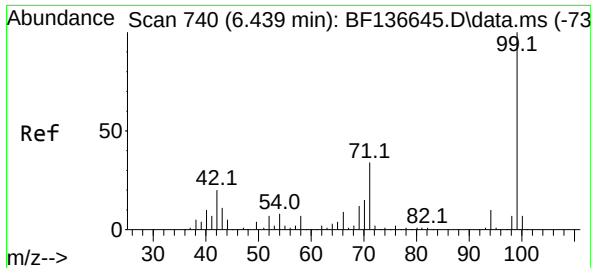
Tgt Ion:112 Resp: 380630
Ion Ratio Lower Upper
112 100
64 62.4 51.1 76.7
63 31.6 26.1 39.1



#6
Aniline
Concen: 20.646 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion: 93 Resp: 85208
Ion Ratio Lower Upper
93 100
66 155.8 34.6 51.8#
65 103.3 17.8 26.8#

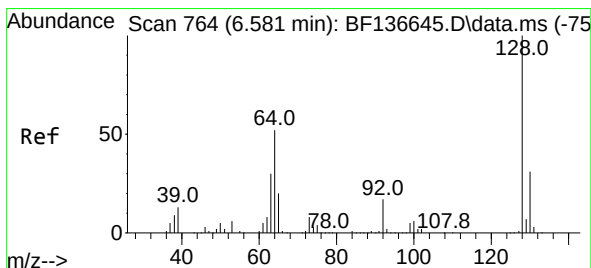
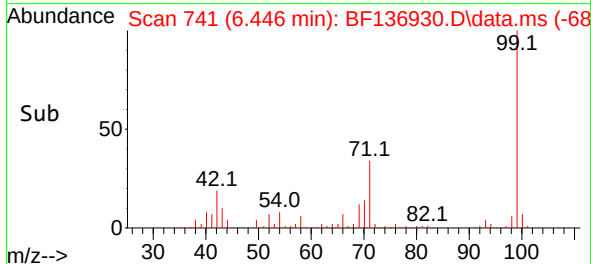
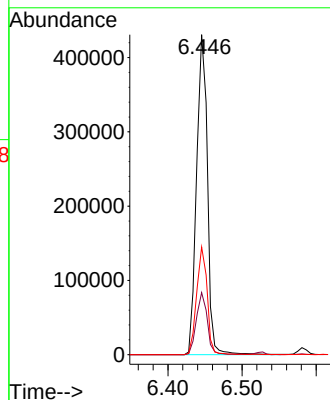
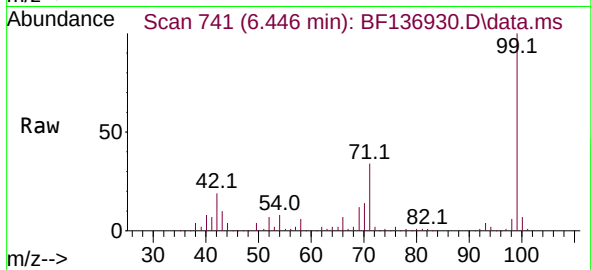




#7
Phenol-d6
Concen: 105.999 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

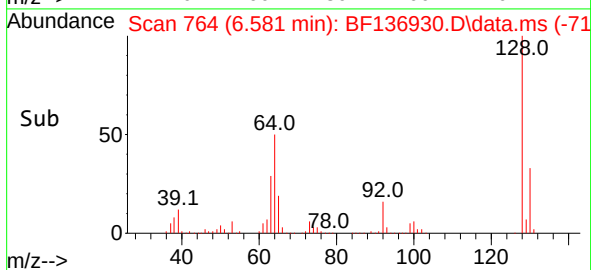
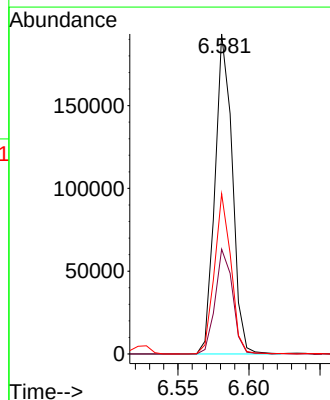
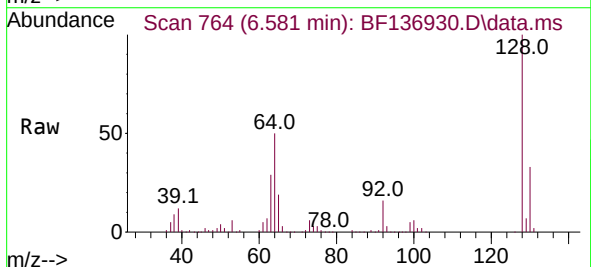
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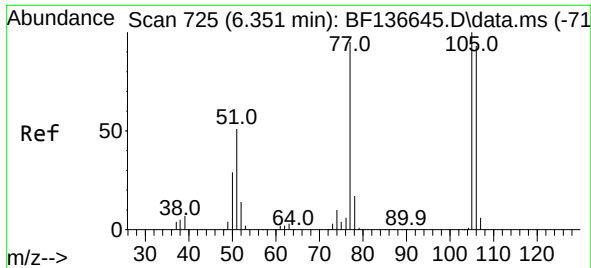
Tgt Ion: 99 Resp: 437561
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 33.7 27.4 41.2



#8
2-Chlorophenol
Concen: 47.043 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion: 128 Resp: 164005
Ion Ratio Lower Upper
128 100
130 32.7 11.3 51.3
64 50.0 32.5 72.5





#9

Benzaldehyde

Concen: 13.796 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MSD

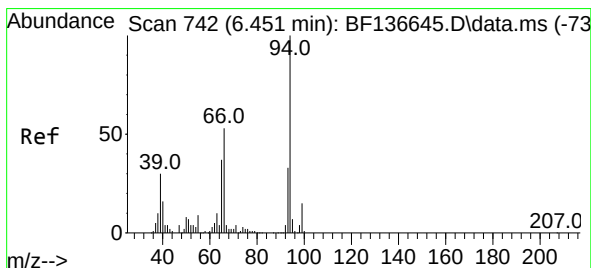
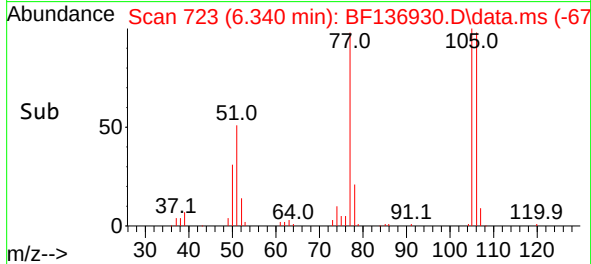
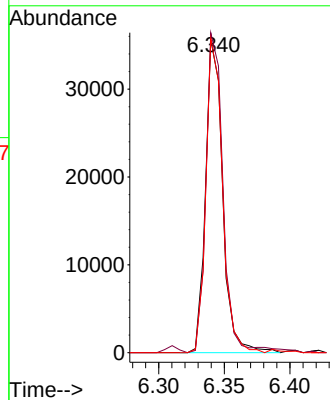
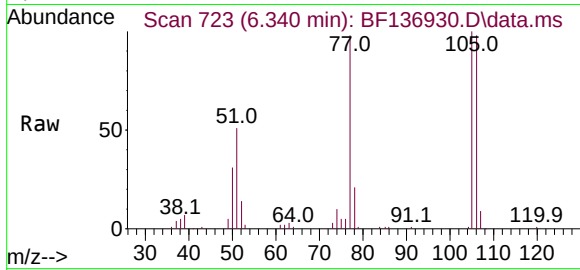
Tgt Ion: 77 Resp: 32392

Ion Ratio Lower Upper

77 100

105 102.3 84.8 124.8

106 100.5 77.8 117.8



#10

Phenol

Concen: 43.712 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

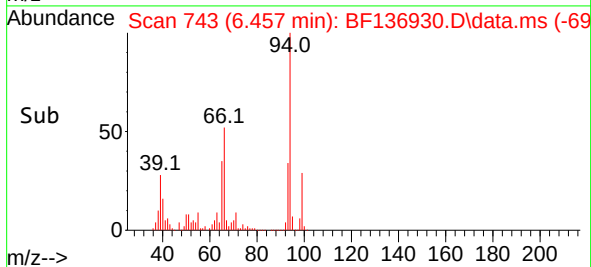
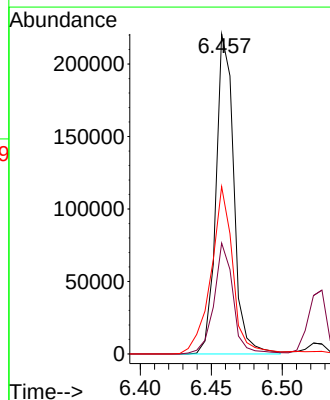
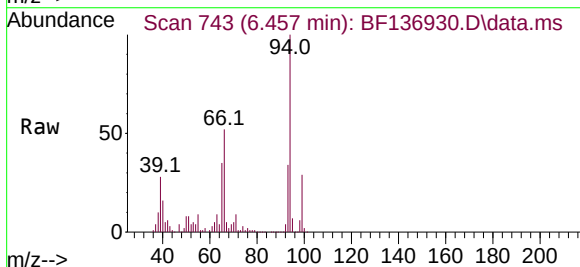
Tgt Ion: 94 Resp: 192622

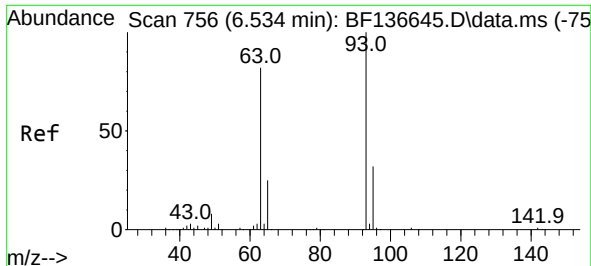
Ion Ratio Lower Upper

94 100

65 34.7 16.6 56.6

66 52.3 32.6 72.6

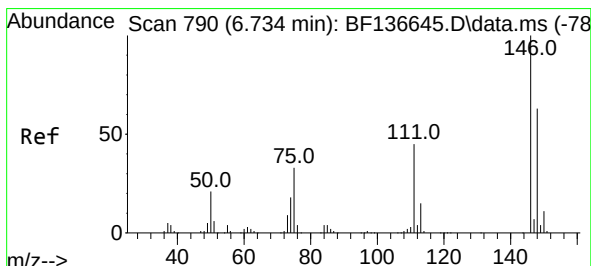
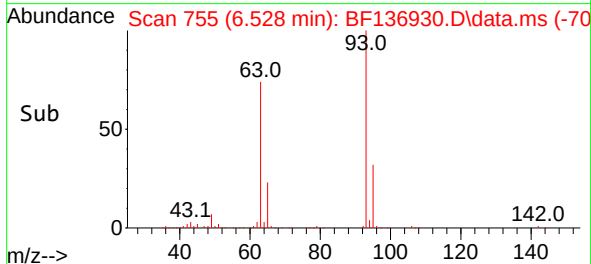
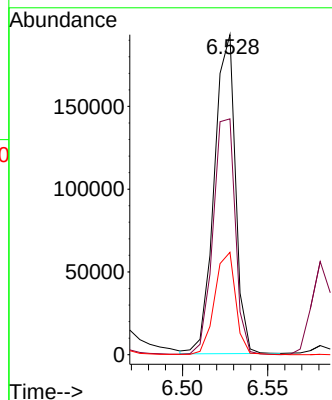
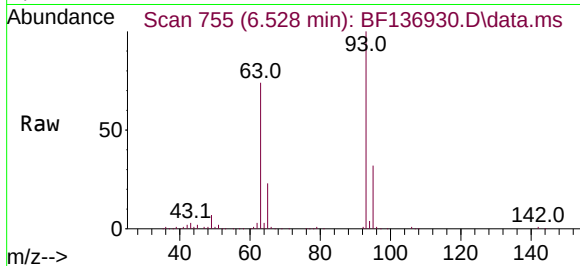




#11
bis(2-Chloroethyl)ether
Concen: 49.777 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

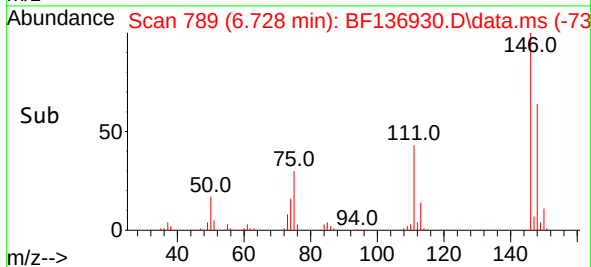
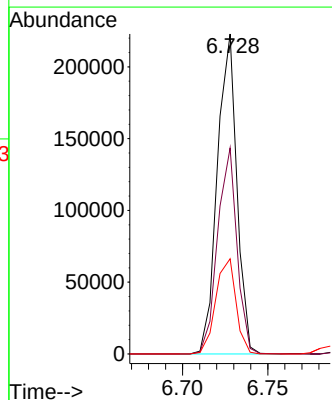
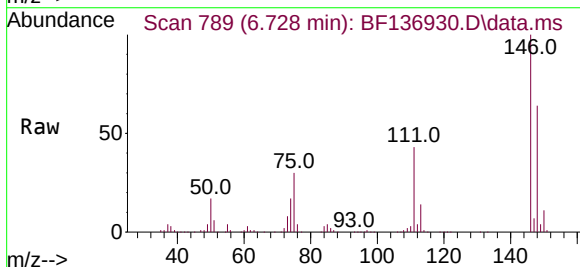
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MSD

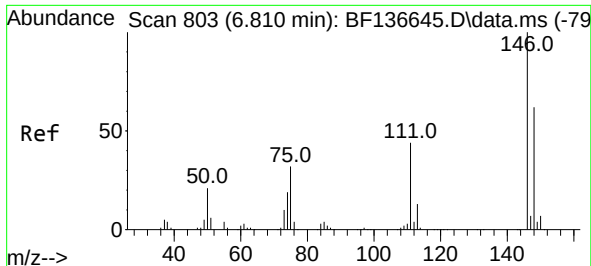
Tgt Ion: 93 Resp: 166812
Ion Ratio Lower Upper
93 100
63 73.7 61.2 101.2
95 32.0 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 46.682 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion: 146 Resp: 177540
Ion Ratio Lower Upper
146 100
148 64.4 50.5 75.7
75 29.7 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 47.197 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MSD

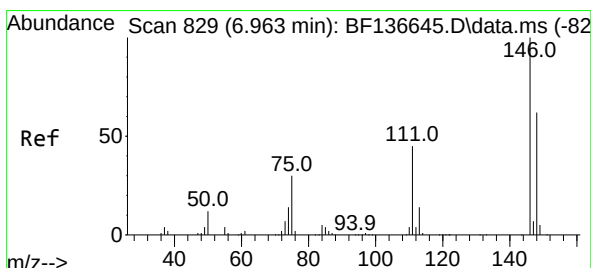
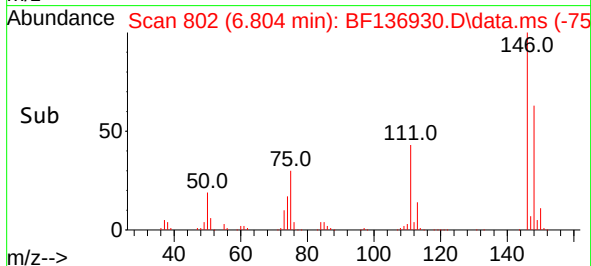
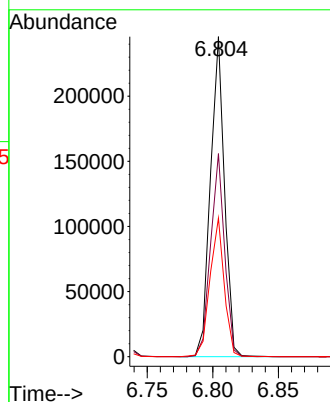
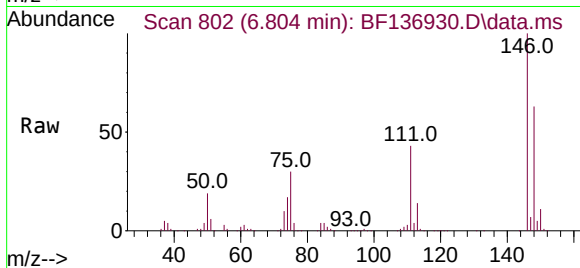
Tgt Ion:146 Resp: 183406

Ion Ratio Lower Upper

146 100

148 63.5 49.2 73.8

111 43.3 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 46.762 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

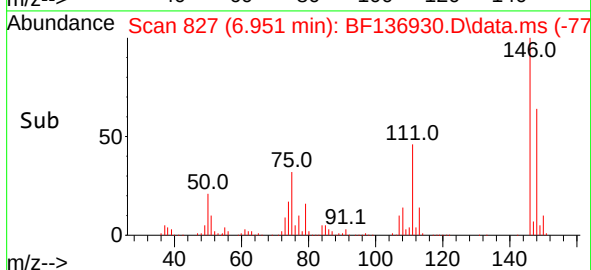
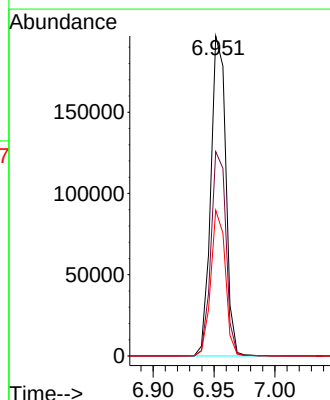
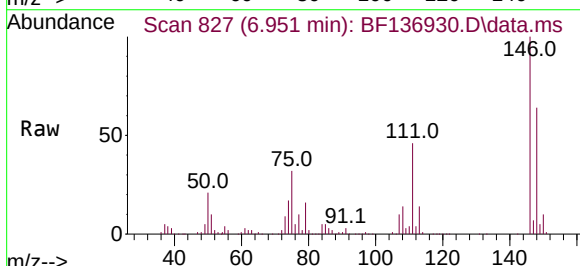
Tgt Ion:146 Resp: 169091

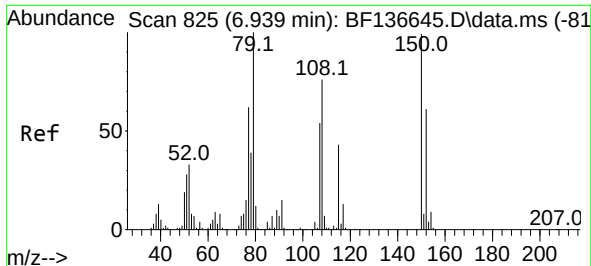
Ion Ratio Lower Upper

146 100

148 63.9 49.6 74.4

111 45.6 36.2 54.2

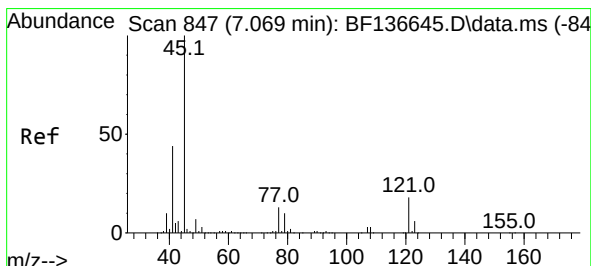
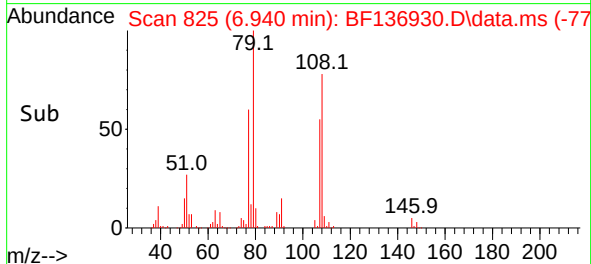
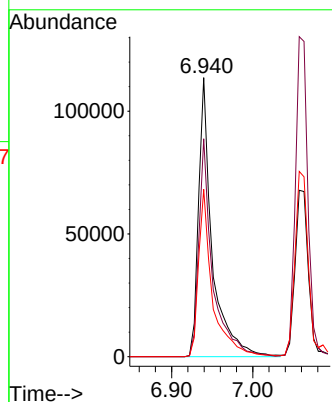
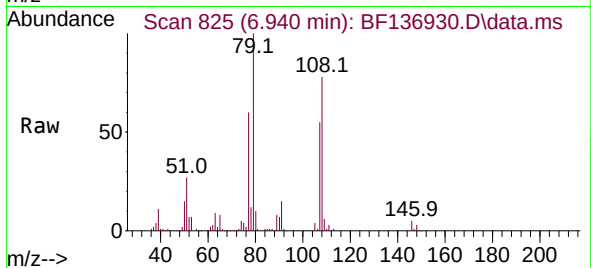




#15
Benzyl Alcohol
Concen: 47.866 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

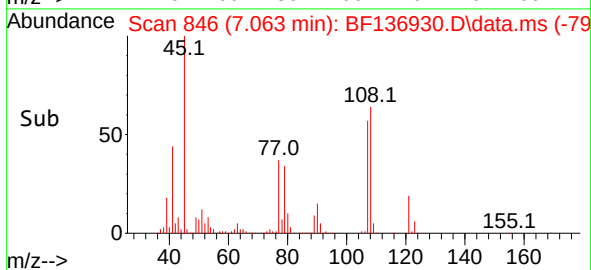
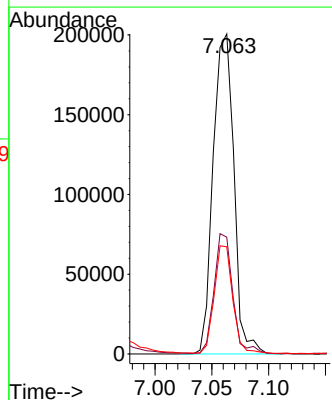
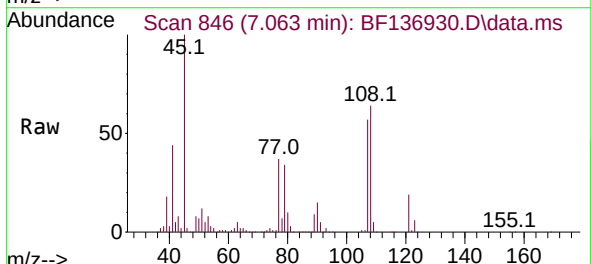
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MSD

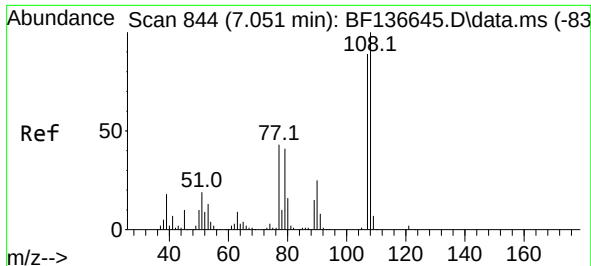
Tgt Ion: 79 Resp: 133301
Ion Ratio Lower Upper
79 100
108 78.1 61.0 91.6
77 60.0 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.594 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

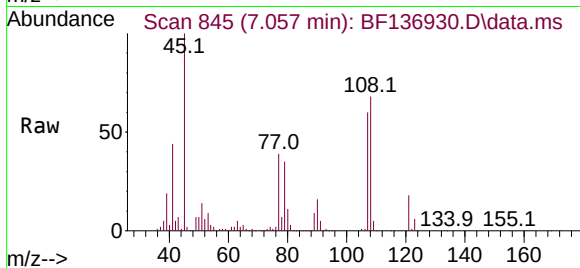
Tgt Ion: 45 Resp: 255287
Ion Ratio Lower Upper
45 100
77 36.5 0.0 34.3#
79 33.5 0.0 31.4#



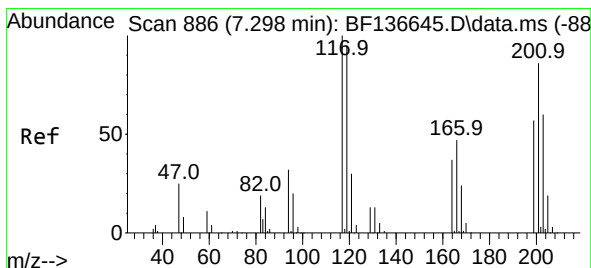
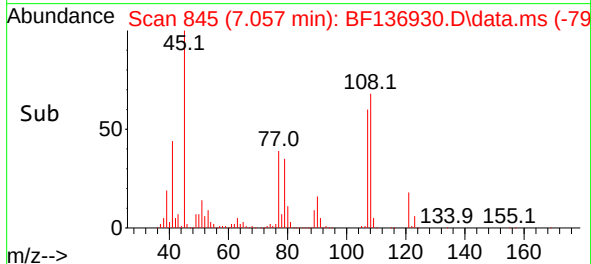
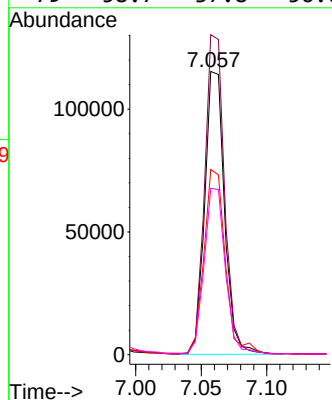


#17
2-Methylphenol
Concen: 42.166 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MSD

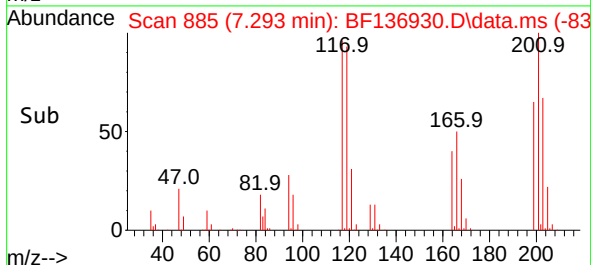
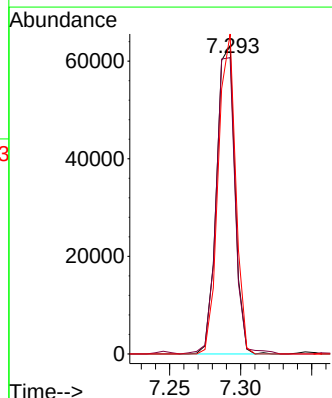
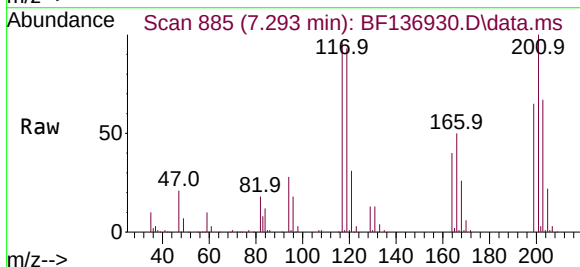


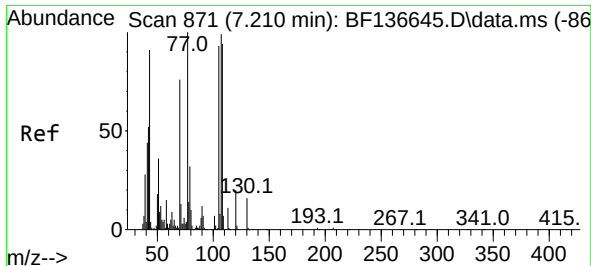
Tgt Ion:107 Resp: 121781
Ion Ratio Lower Upper
107 100
108 113.0 90.3 135.5
77 65.4 38.7 58.1#
79 58.7 37.8 56.6#



#18
Hexachloroethane
Concen: 40.063 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion:117 Resp: 56540
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.6
201 103.9 69.1 103.7#



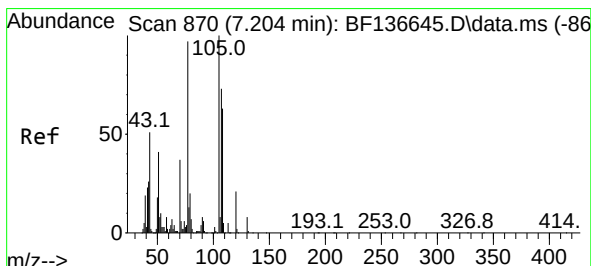
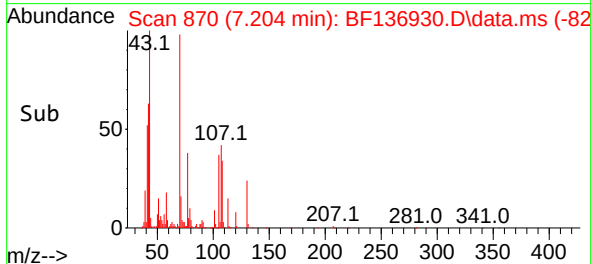
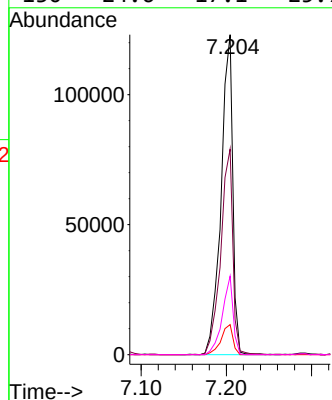
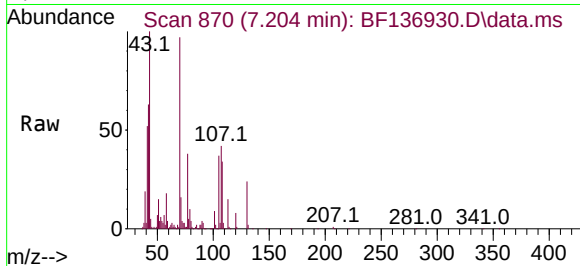


#19
n-Nitroso-di-n-propylamine
Concen: 46.747 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MSD

Tgt Ion: 70 Resp: 116977

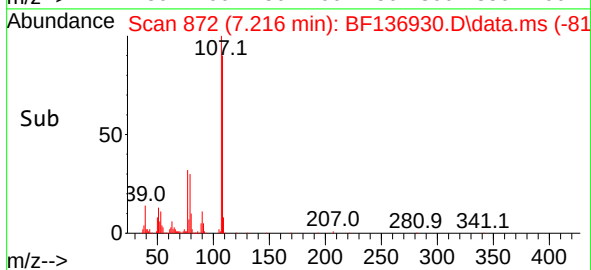
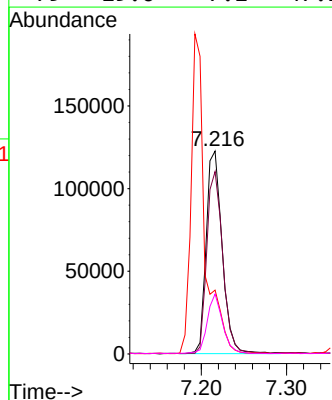
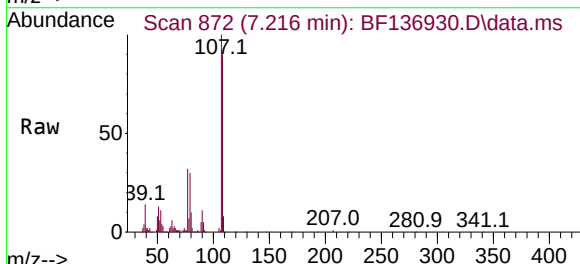
Ion	Ratio	Lower	Upper
70	100		
42	64.2	54.2	81.4
101	9.4	7.6	11.4
130	24.6	17.1	25.7

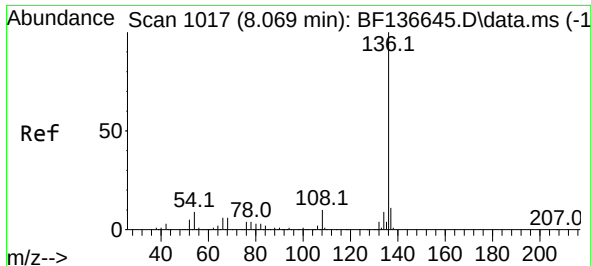


#20
3+4-Methylphenols
Concen: 44.187 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.012 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion: 107 Resp: 159435

Ion	Ratio	Lower	Upper
107	100		
108	89.9	66.0	106.0
77	31.5	114.2	154.2#
79	29.6	7.2	47.2

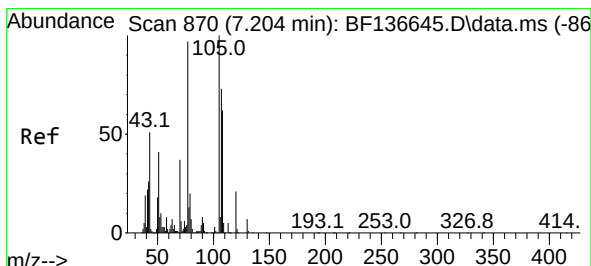
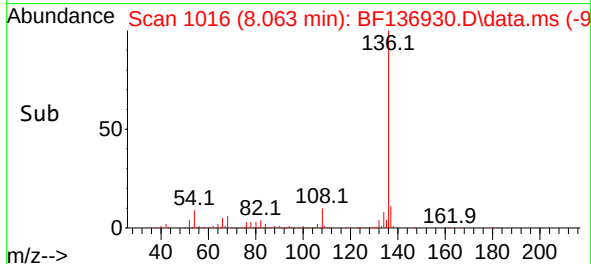
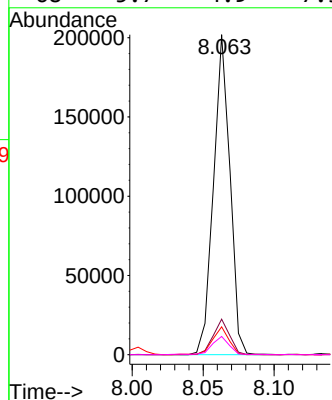
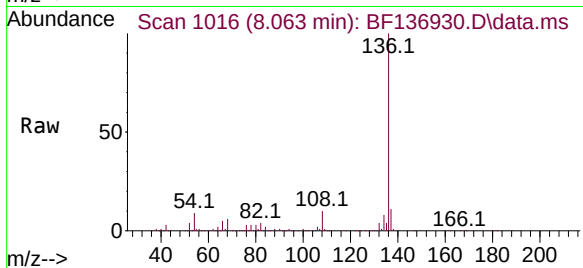




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

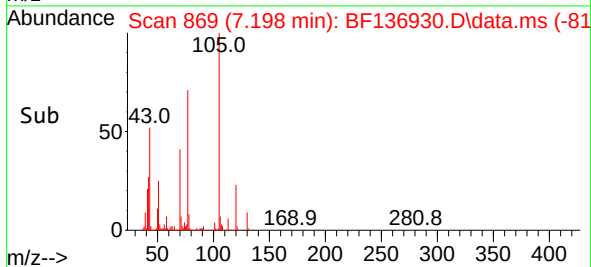
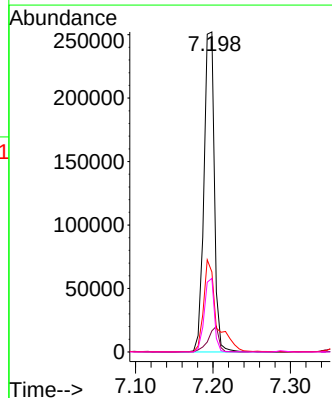
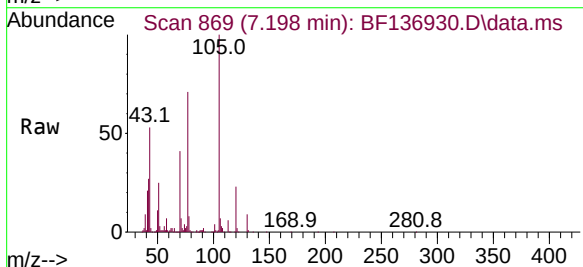
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MSD

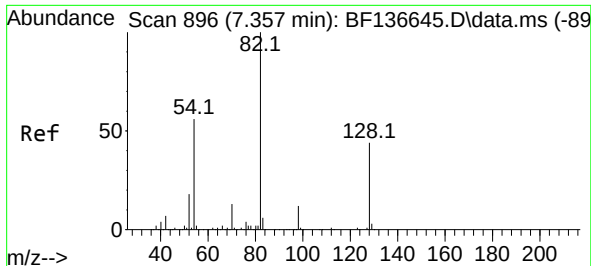
Tgt Ion:136	Resp: 162127
Ion Ratio	Lower Upper
136 100	
137 11.1	9.0 13.4
54 8.7	7.2 10.8
68 5.7	4.9 7.3



#22
Acetophenone
Concen: 58.009 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt	Ion:105	Resp:	235732
Ion	Ratio	Lower	Upper
105	100		
71	6.6	4.8	7.2
51	25.0	32.8	49.2#
120	23.0	17.0	25.6





#23

Nitrobenzene-d5

Concen: 84.235 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MSD

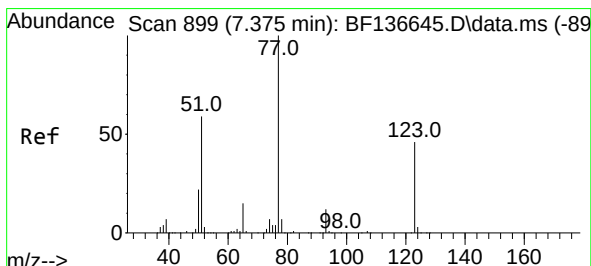
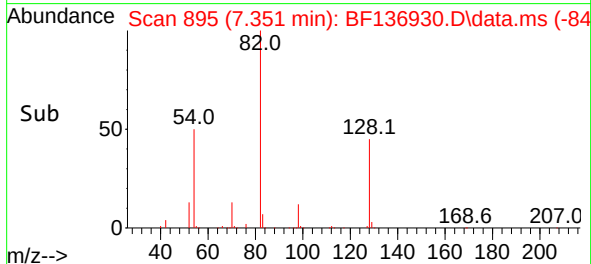
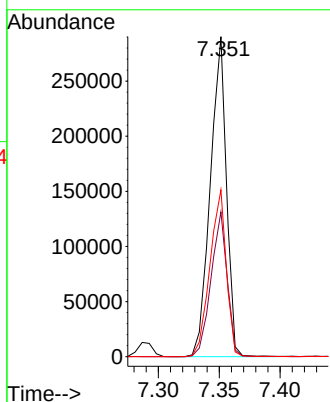
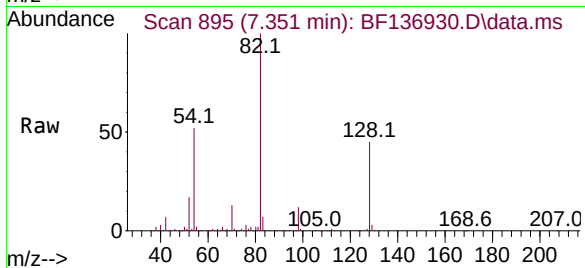
Tgt Ion: 82 Resp: 266884

Ion Ratio Lower Upper

82 100

128 45.3 35.3 52.9

54 52.2 44.5 66.7



#24

Nitrobenzene

Concen: 50.235 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

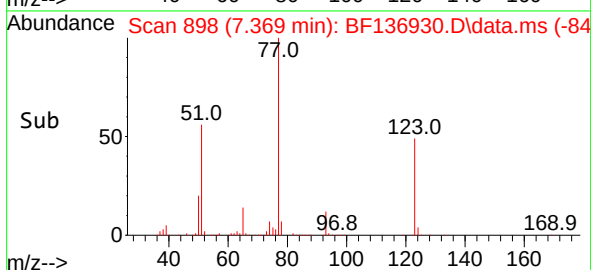
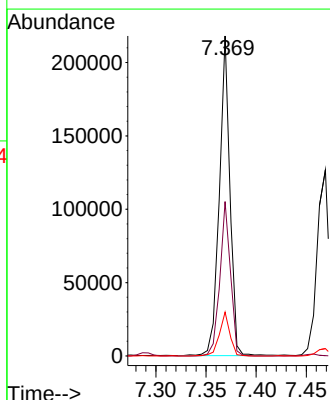
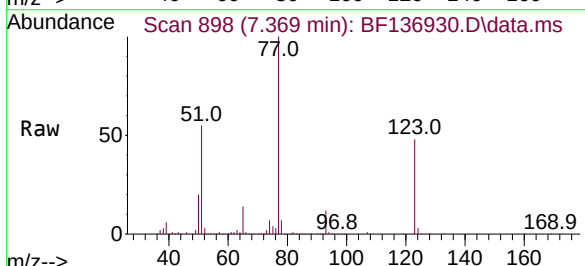
Tgt Ion: 77 Resp: 159438

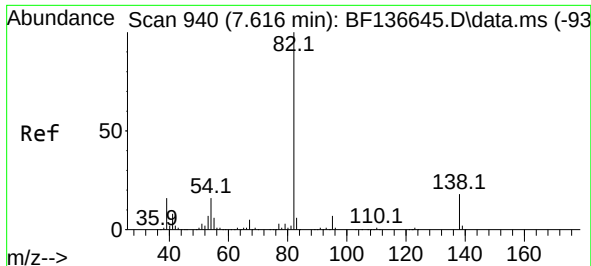
Ion Ratio Lower Upper

77 100

123 48.3 36.7 55.1

65 13.7 11.8 17.6

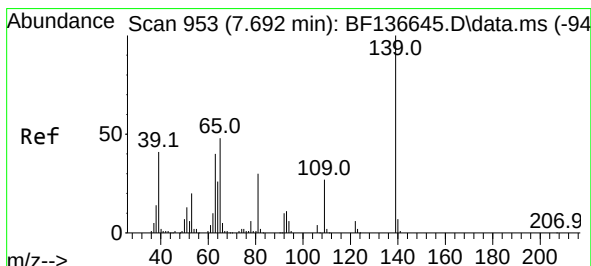
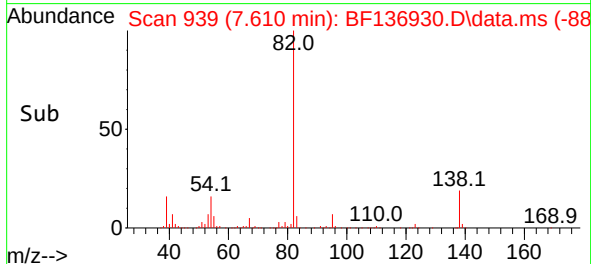
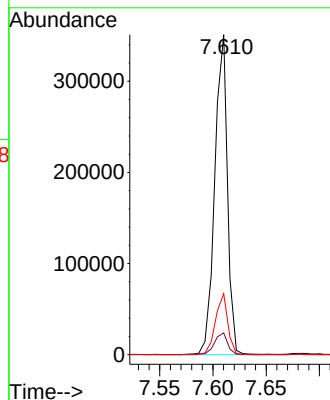
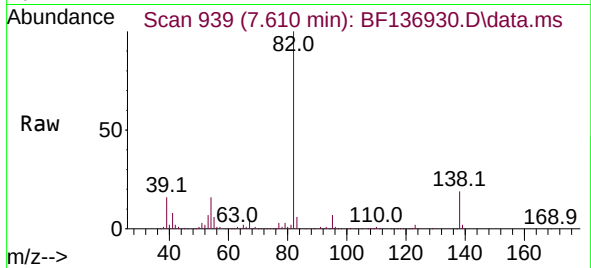




#25
Isophorone
Concen: 50.560 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

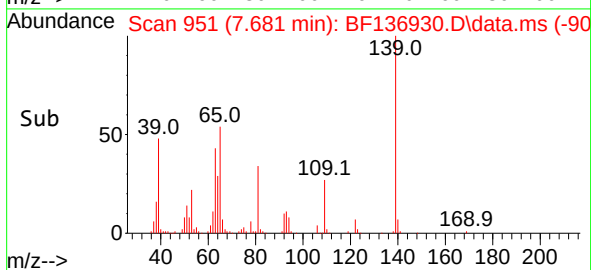
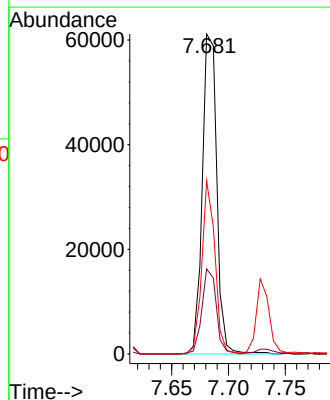
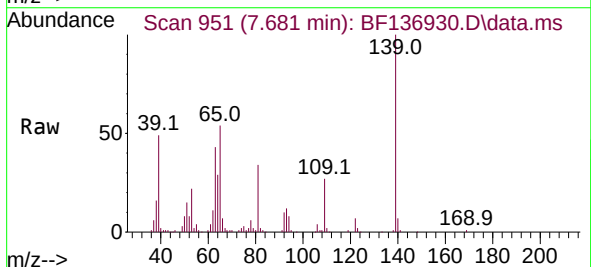
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MSD

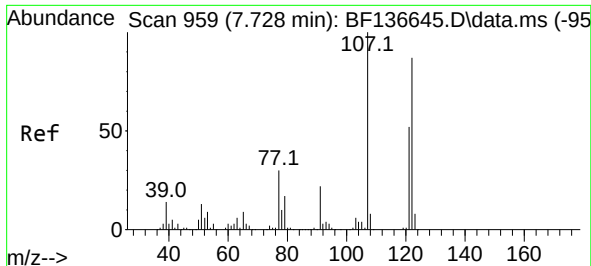
Tgt Ion: 82 Resp: 291483
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 19.0 14.5 21.7



#26
2-Nitrophenol
Concen: 35.710 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion:139 Resp: 54226
Ion Ratio Lower Upper
139 100
109 26.6 21.9 32.9
65 54.1 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 63.449 ng

RT: 7.728 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MSD

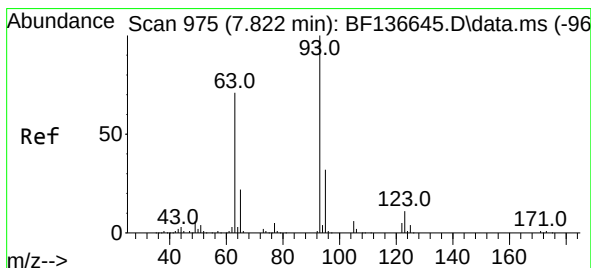
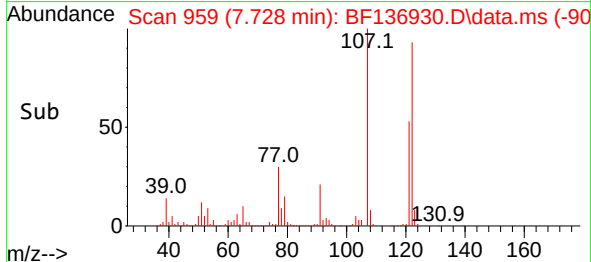
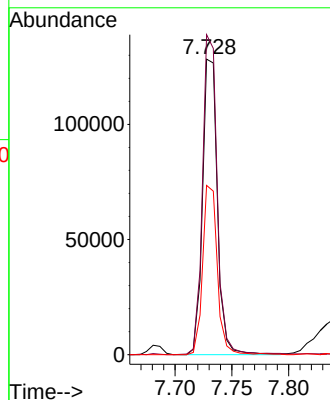
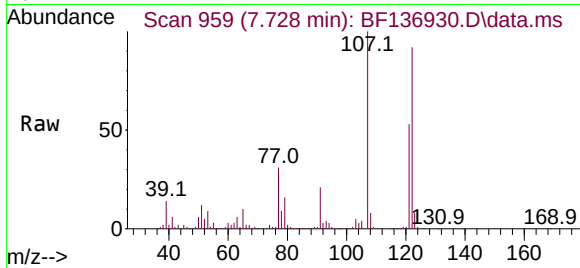
Tgt Ion:122 Resp: 117297

Ion Ratio Lower Upper

122 100

107 108.3 92.0 138.0

121 57.3 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 52.481 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

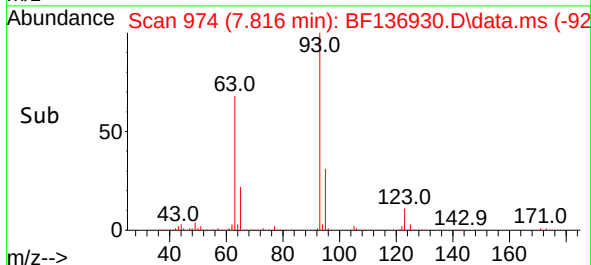
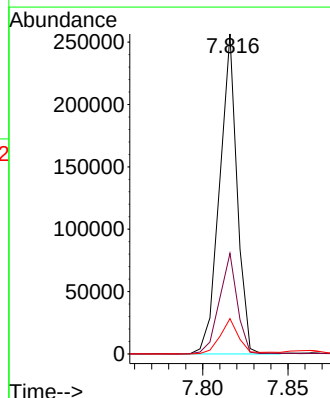
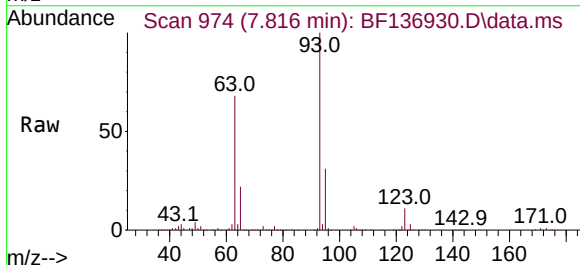
Tgt Ion: 93 Resp: 183909

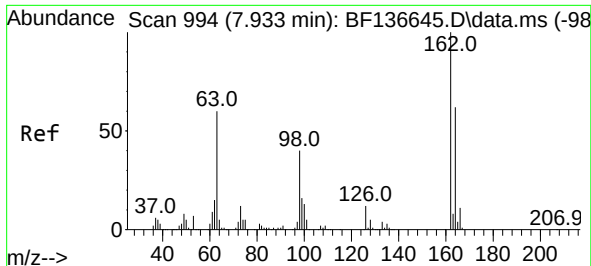
Ion Ratio Lower Upper

93 100

95 31.4 25.5 38.3

123 11.1 9.2 13.8

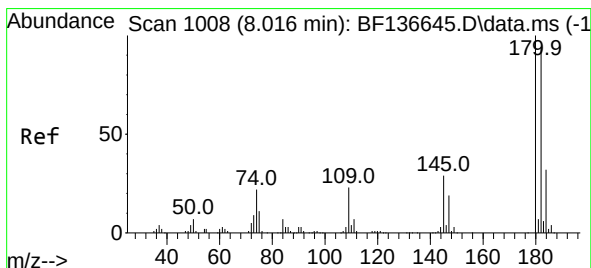
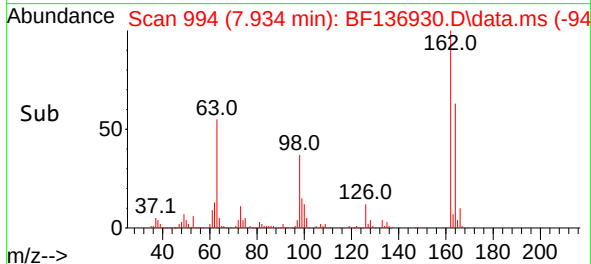
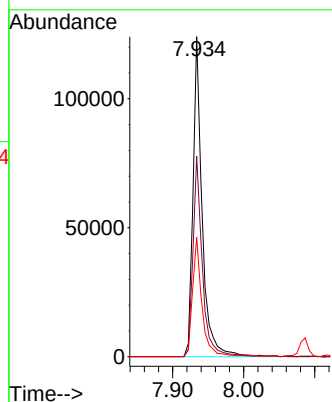
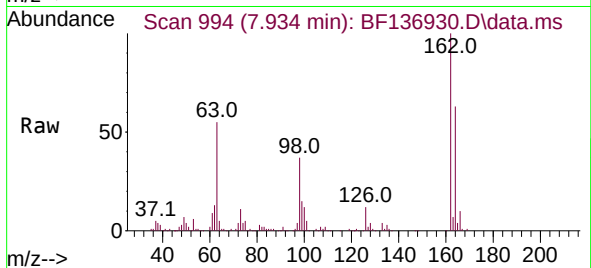




#29
2,4-Dichlorophenol
Concen: 47.056 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

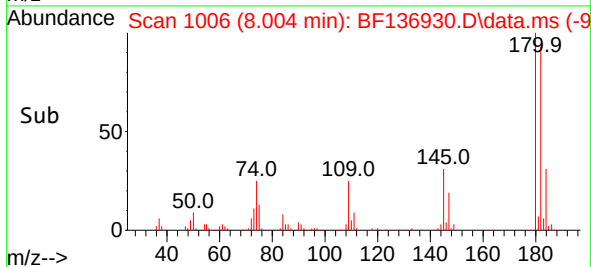
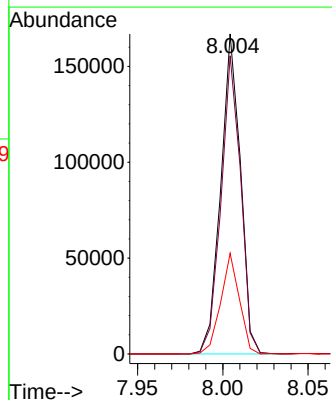
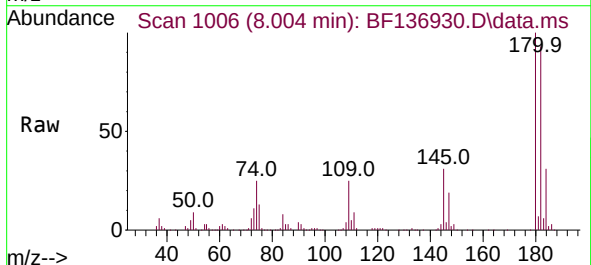
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MSD

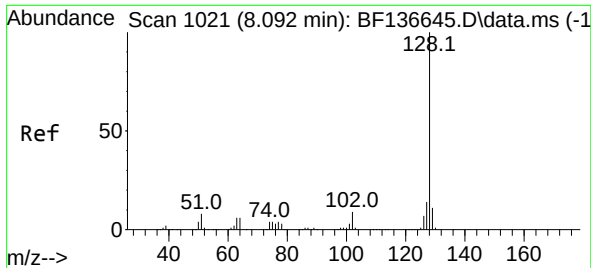
Tgt Ion:162 Resp: 111996
Ion Ratio Lower Upper
162 100
164 62.6 41.7 81.7
98 37.3 19.5 59.5



#30
1,2,4-Trichlorobenzene
Concen: 50.637 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion:180 Resp: 134279
Ion Ratio Lower Upper
180 100
182 93.2 75.4 113.0
145 31.5 23.1 34.7

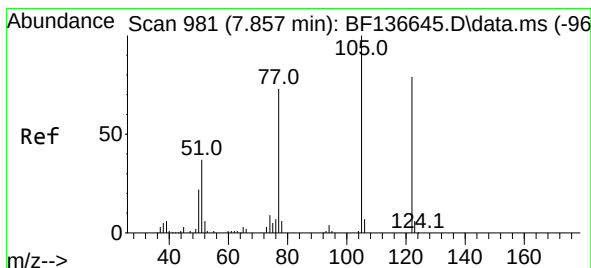
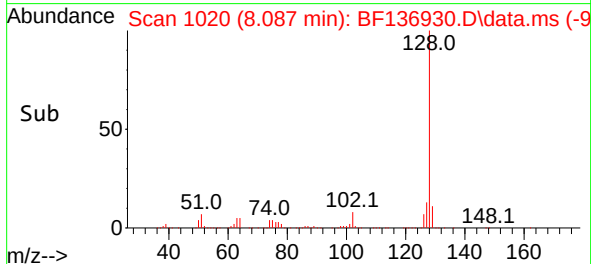
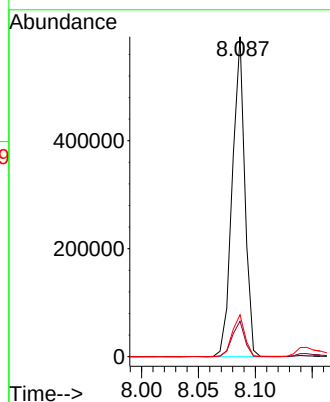
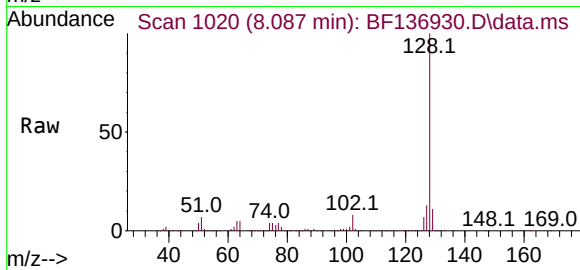




#31
Naphthalene
Concen: 51.079 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

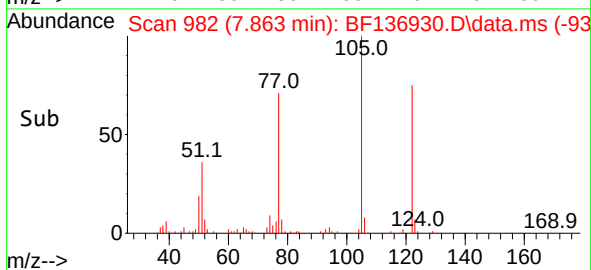
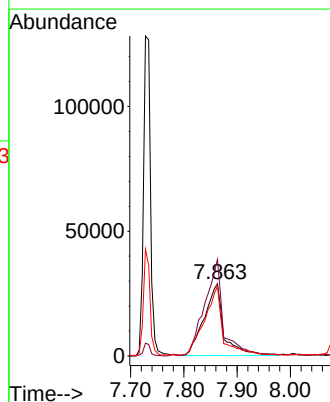
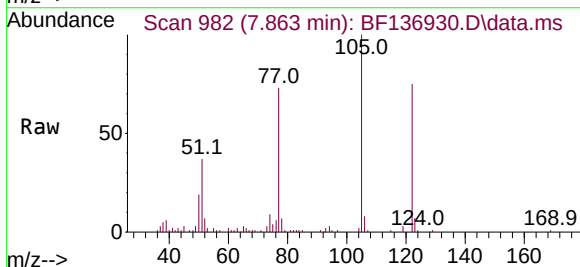
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MSD

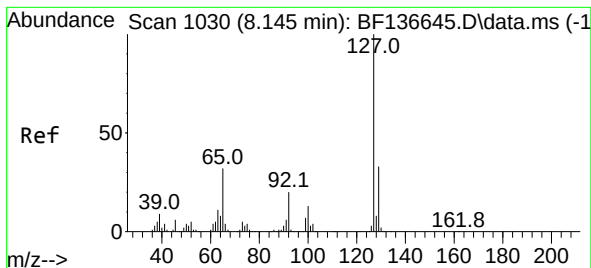
Tgt Ion:128 Resp: 454955
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 41.317 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion:122 Resp: 73906
Ion Ratio Lower Upper
122 100
105 134.1 100.8 140.8
77 97.3 70.9 110.9





#33

4-Chloroaniline

Concen: 10.001 ng

RT: 8.145 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MSD

Tgt Ion:127 Resp: 32889

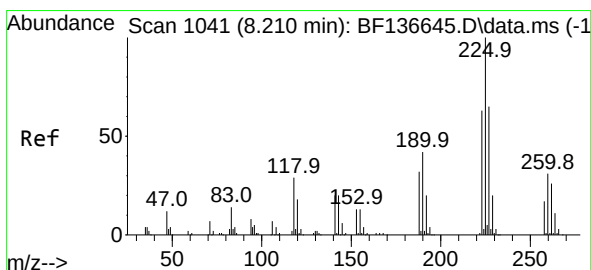
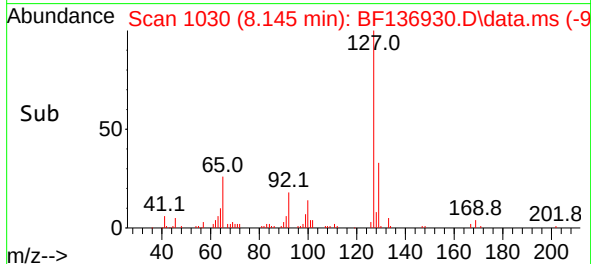
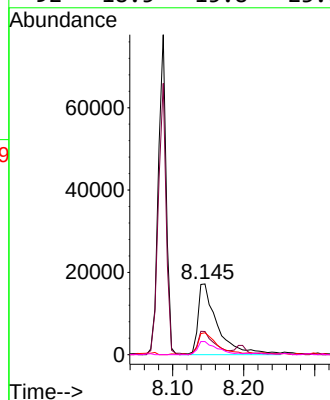
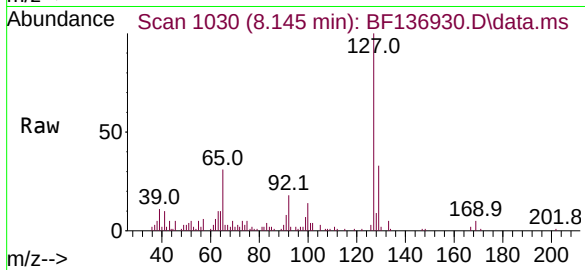
Ion Ratio Lower Upper

127 100

129 32.7 26.3 39.5

65 31.0 25.8 38.8

92 18.5 15.8 23.6



#34

Hexachlorobutadiene

Concen: 51.656 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.012 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

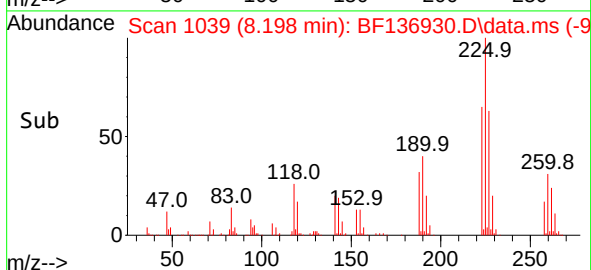
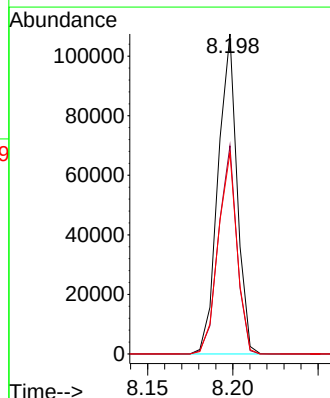
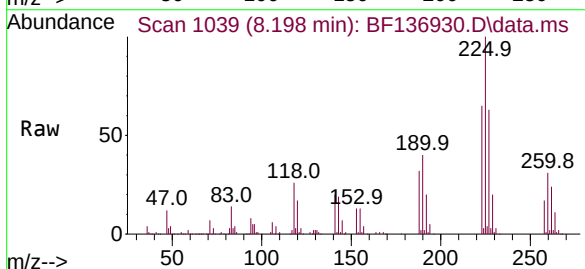
Tgt Ion:225 Resp: 83225

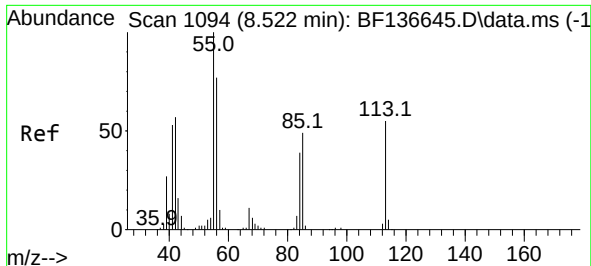
Ion Ratio Lower Upper

225 100

223 65.0 50.6 76.0

227 62.8 51.9 77.9

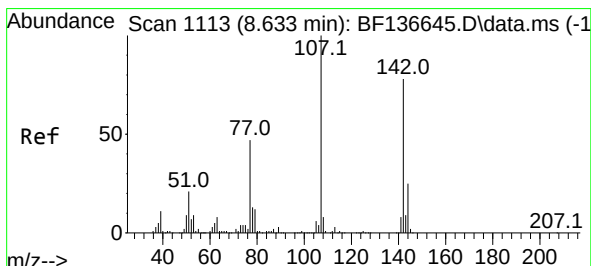
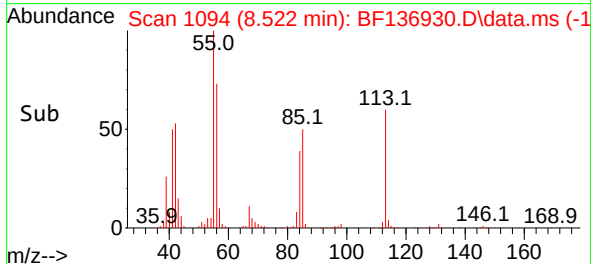
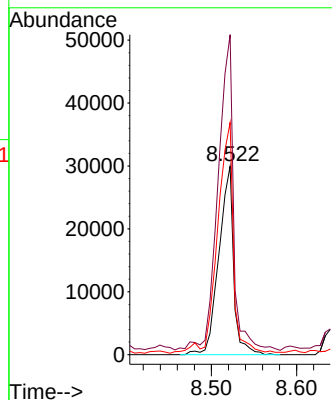
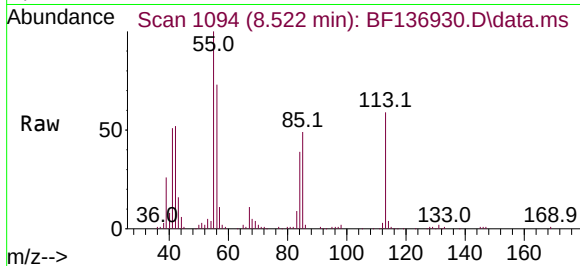




#35
 Caprolactam
 Concen: 45.839 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.000 min
 Lab File: BF136930.D
 Acq: 04 Jan 2024 03:09

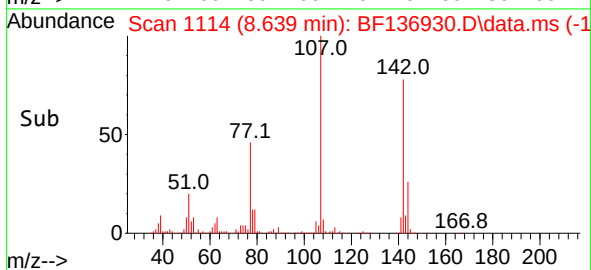
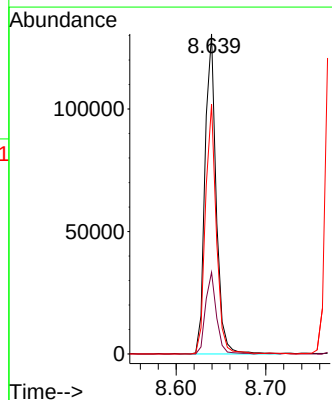
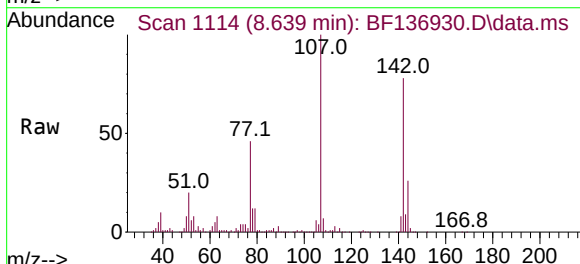
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-12282023MSD

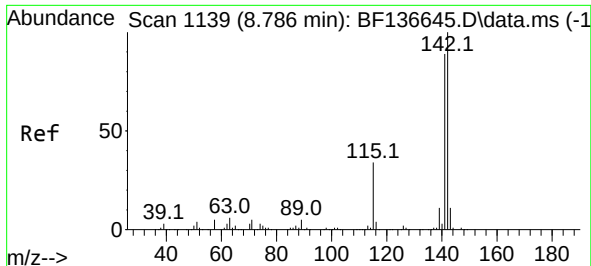
Tgt Ion:113 Resp: 35991
 Ion Ratio Lower Upper
 113 100
 55 169.8 163.1 203.1
 56 123.2 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 42.327 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF136930.D
 Acq: 04 Jan 2024 03:09

Tgt Ion:107 Resp: 113410
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.2 30.2
 142 78.0 62.3 93.5





#37

2-Methylnaphthalene

Concen: 45.553 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA_F

ClientSampleId :

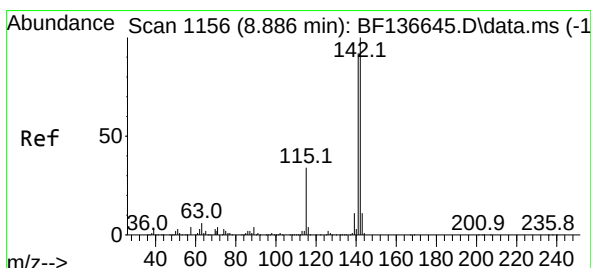
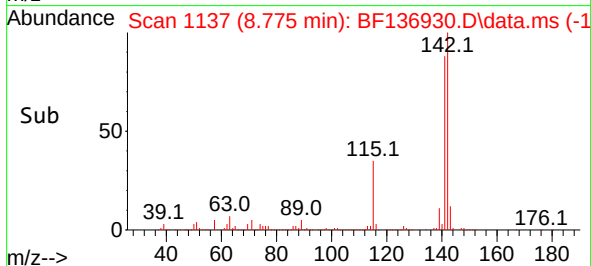
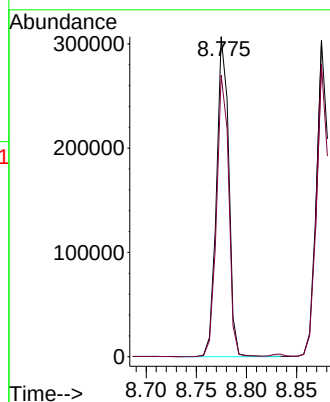
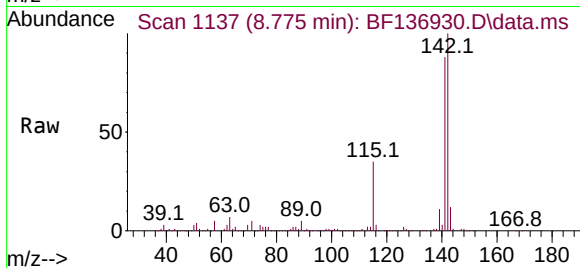
BU-02-12282023MSD

Tgt Ion:142 Resp: 261116

Ion Ratio Lower Upper

142 100

141 88.0 71.1 106.7



#38

1-Methylnaphthalene

Concen: 43.612 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136930.D

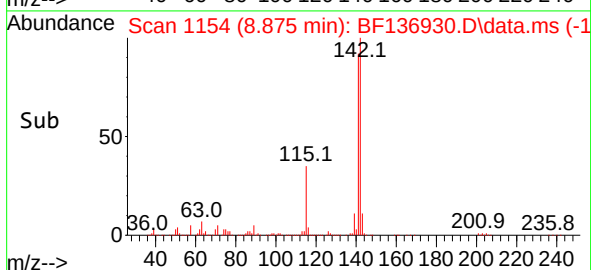
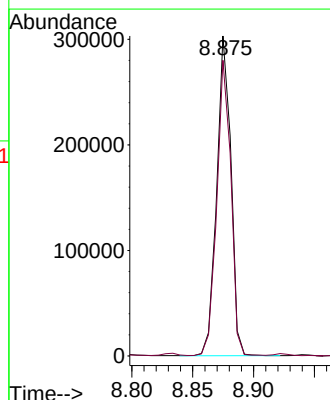
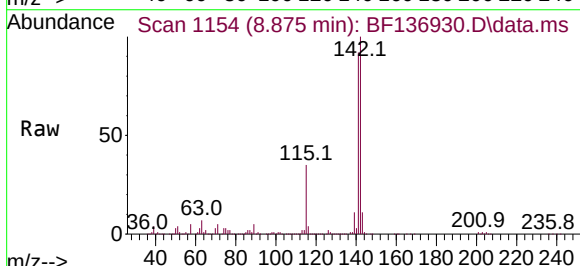
Acq: 04 Jan 2024 03:09

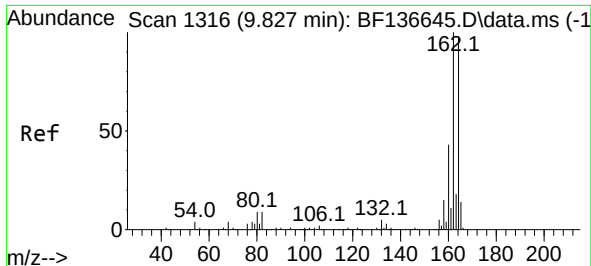
Tgt Ion:142 Resp: 245264

Ion Ratio Lower Upper

142 100

141 92.4 73.6 110.4

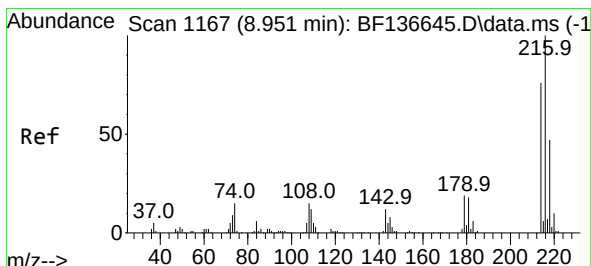
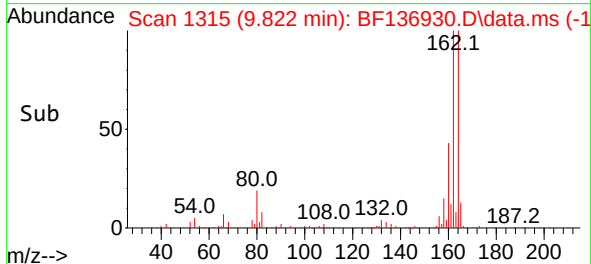
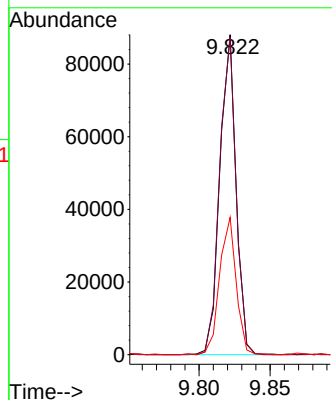
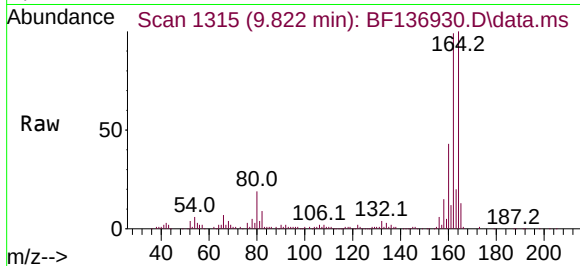




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

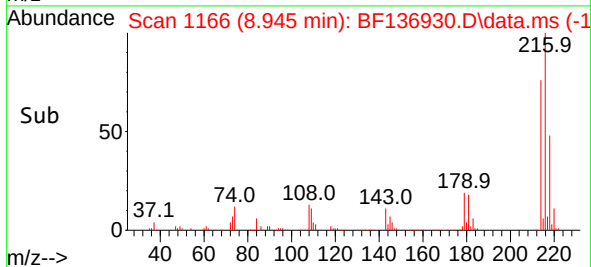
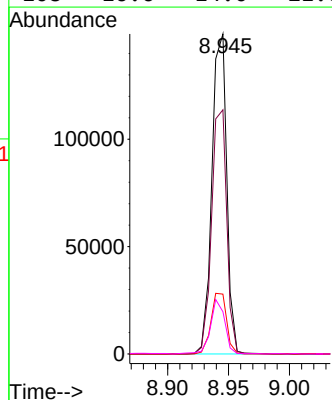
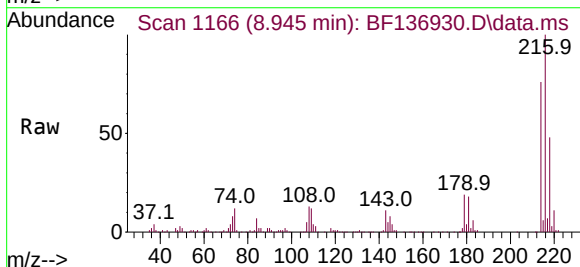
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MSD

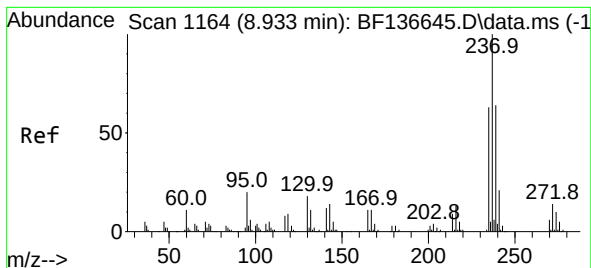
Tgt Ion:164 Resp: 69804
Ion Ratio Lower Upper
164 100
162 99.3 81.6 122.4
160 42.9 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.225 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion:216 Resp: 125871
Ion Ratio Lower Upper
216 100
214 78.3 62.3 93.5
179 19.9 16.4 24.6
108 16.6 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 23.640 ng

RT: 8.922 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF136930.D

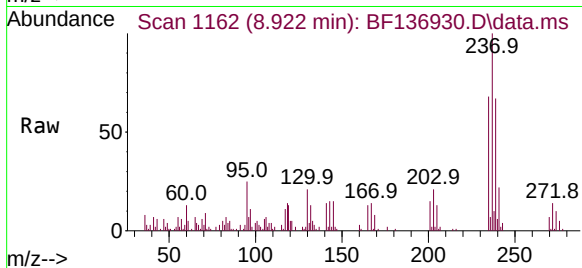
Acq: 04 Jan 2024 03:09

Instrument :

BNA_F

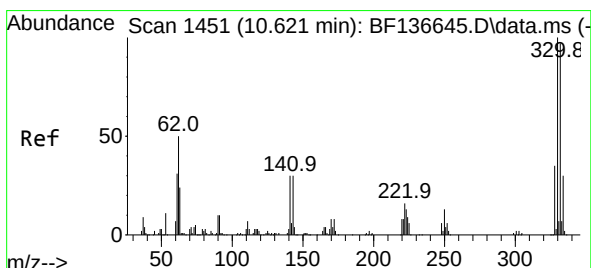
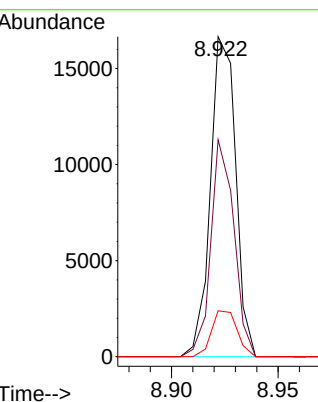
ClientSampleId :

BU-02-12282023MSD



Tgt Ion:237 Resp: 13761

Ion	Ratio	Lower	Upper
237	100		
235	67.8	43.2	83.2
272	14.4	0.0	34.2



#42

2,4,6-Tribromophenol

Concen: 128.932 ng

RT: 10.622 min Scan# 1451

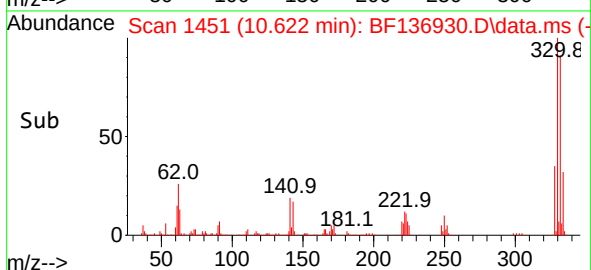
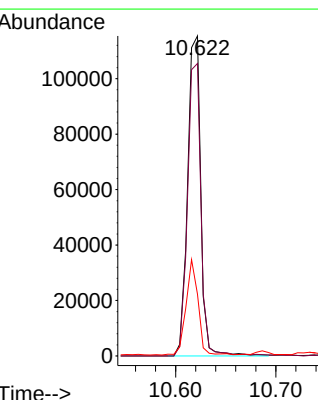
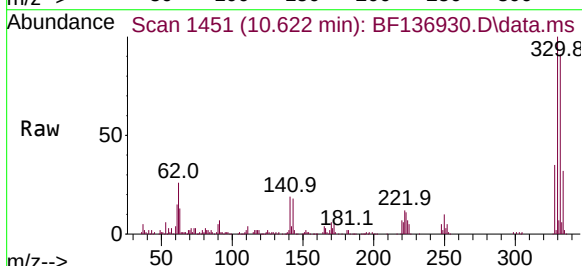
Delta R.T. 0.000 min

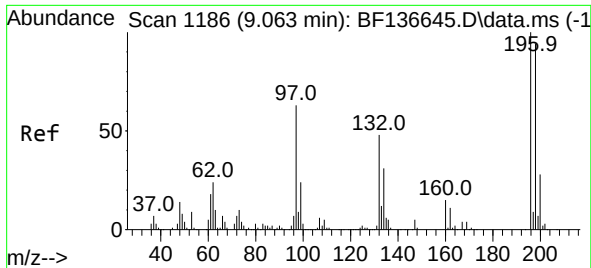
Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Tgt Ion:330 Resp: 105995

Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.4	116.0
141	26.9	23.4	35.2

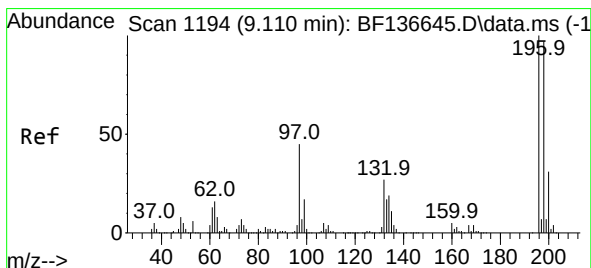
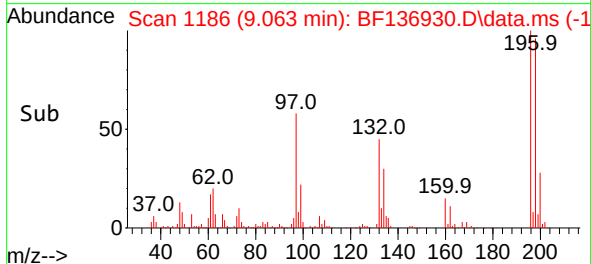
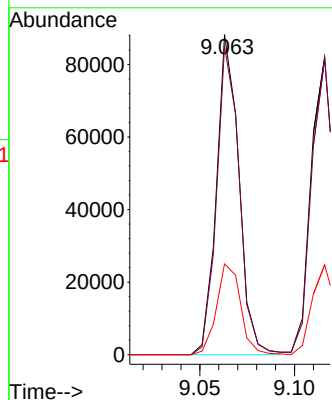
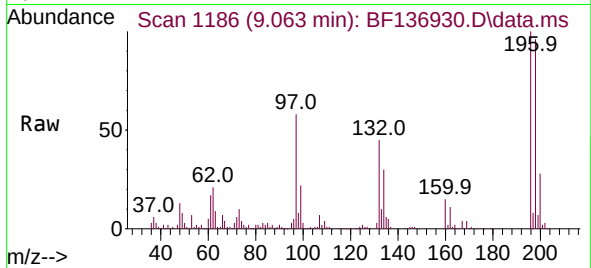




#43
2,4,6-Trichlorophenol
Concen: 52.486 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

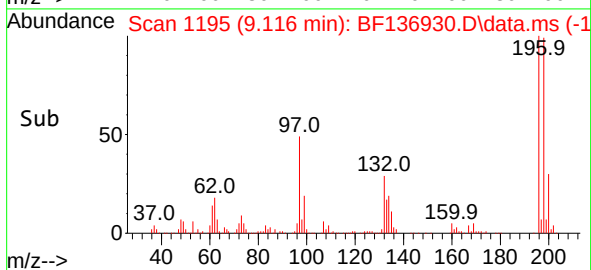
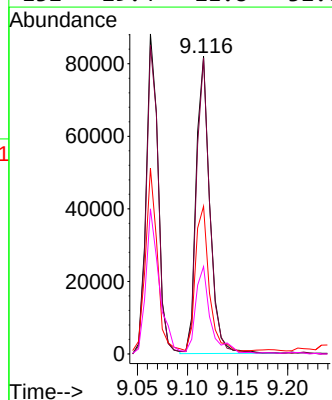
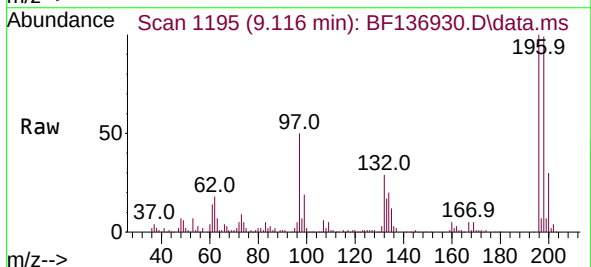
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MSD

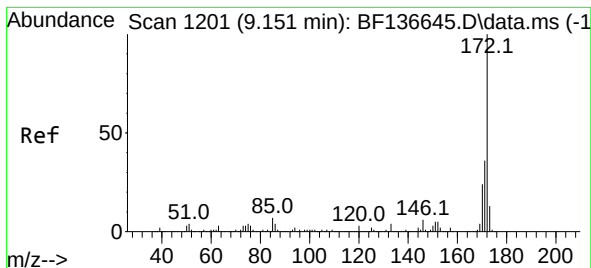
Tgt Ion:196 Resp: 72767
Ion Ratio Lower Upper
196 100
198 96.4 75.1 112.7
200 28.4 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 50.263 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion:196 Resp: 77654
Ion Ratio Lower Upper
196 100
198 99.4 77.0 115.6
97 49.6 36.1 54.1
132 29.4 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 86.637 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MSD

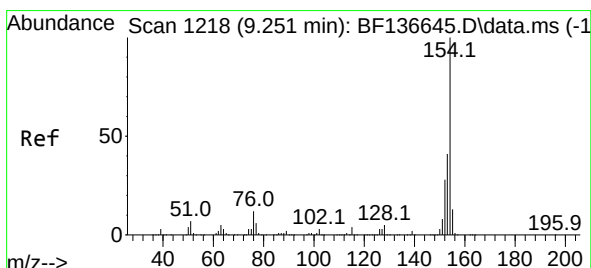
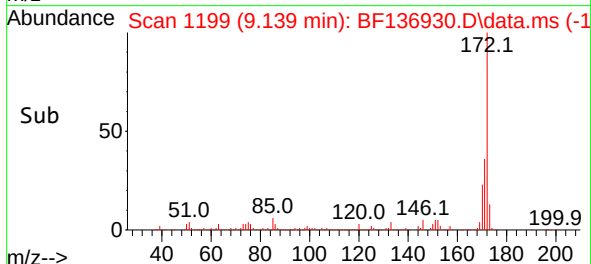
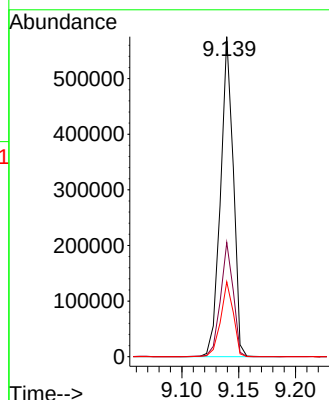
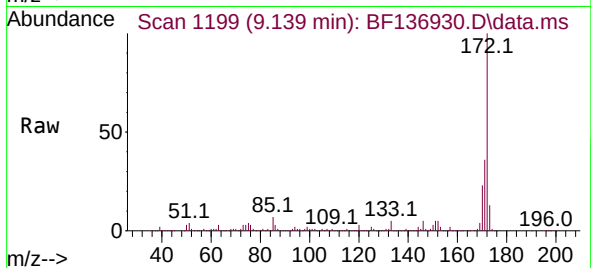
Tgt Ion:172 Resp: 449641

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

170 23.4 19.0 28.4



#46

1,1'-Biphenyl

Concen: 55.688 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

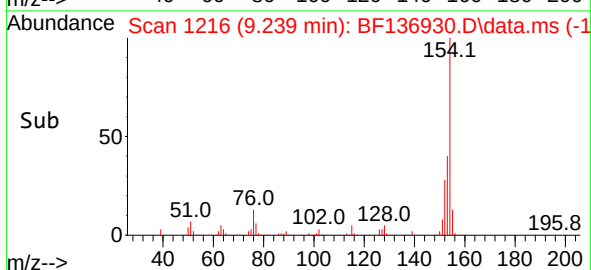
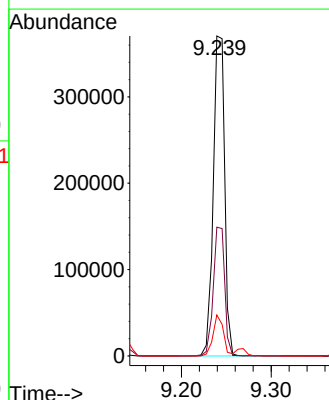
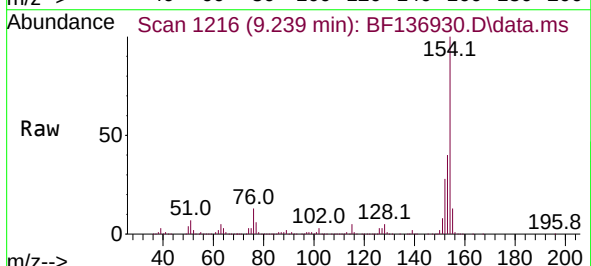
Tgt Ion:154 Resp: 326201

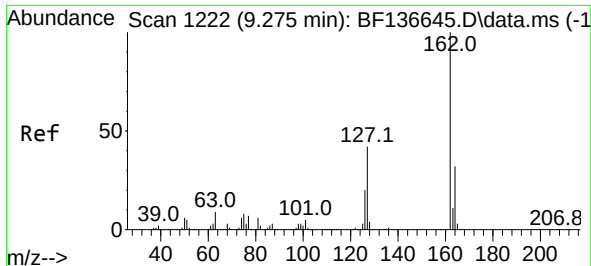
Ion Ratio Lower Upper

154 100

153 40.2 21.1 61.1

76 12.8 0.0 31.7





#47

2-Chloronaphthalene

Concen: 52.188 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MSD

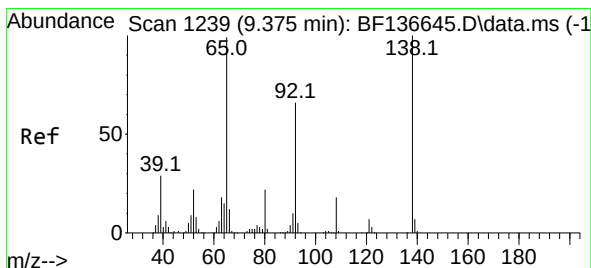
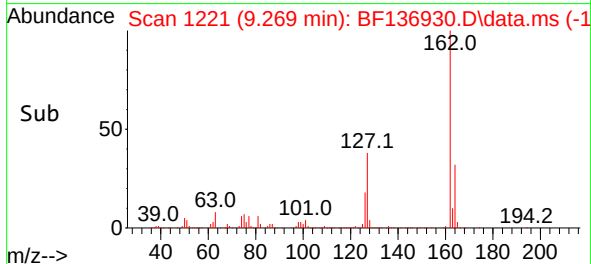
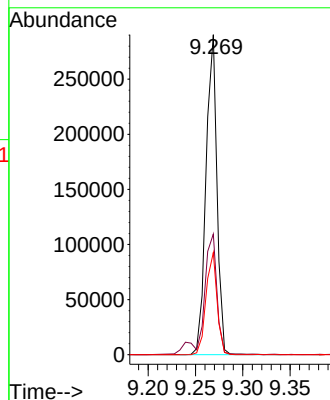
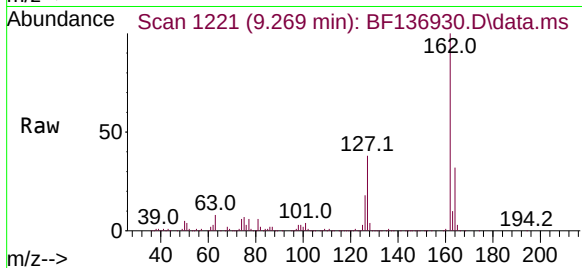
Tgt Ion:162 Resp: 232398

Ion Ratio Lower Upper

162 100

127 37.7 33.6 50.4

164 31.9 25.7 38.5



#48

2-Nitroaniline

Concen: 52.562 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

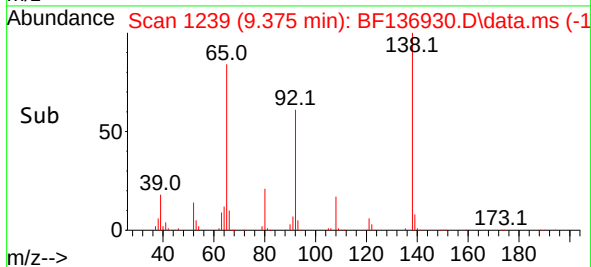
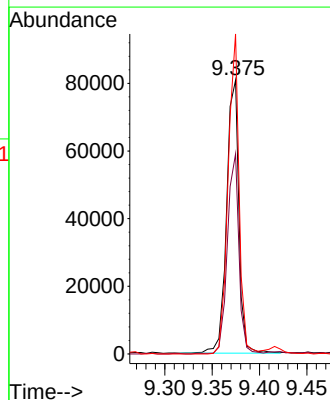
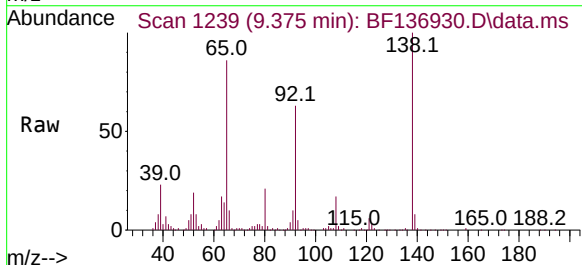
Tgt Ion: 65 Resp: 73296

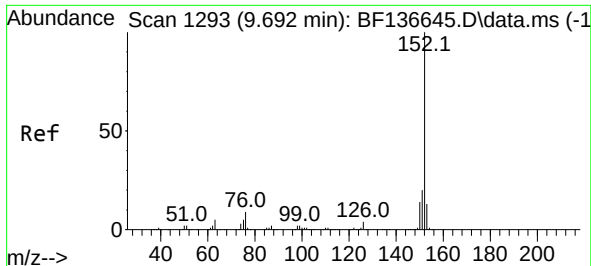
Ion Ratio Lower Upper

65 100

92 73.1 53.2 79.8

138 116.9 81.1 121.7

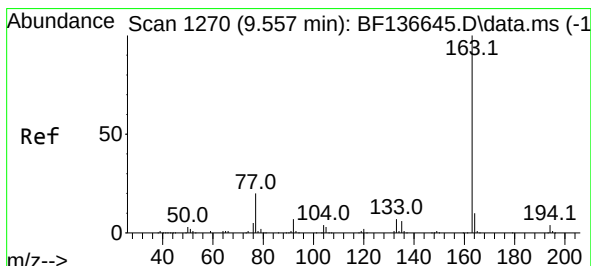
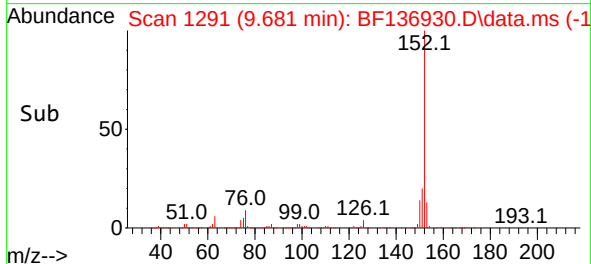
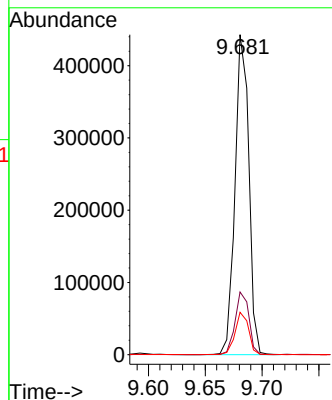
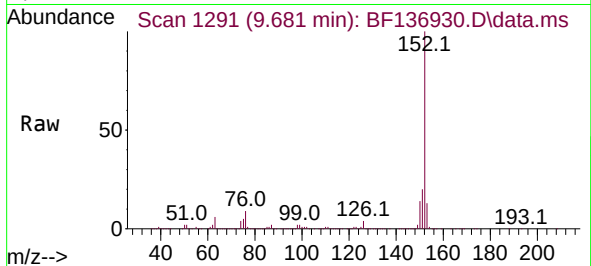




#49
Acenaphthylene
Concen: 54.962 ng
RT: 9.681 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

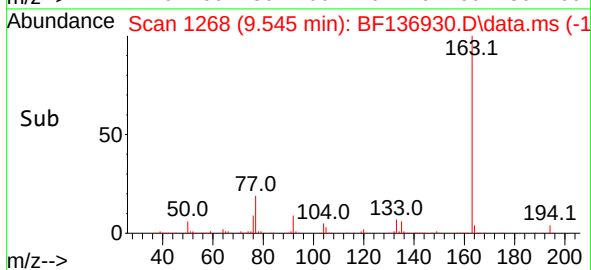
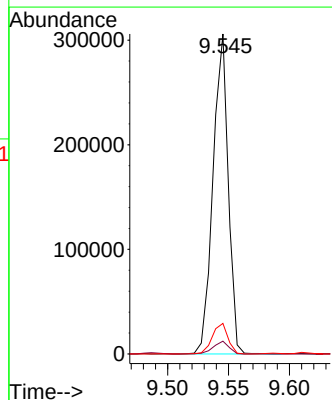
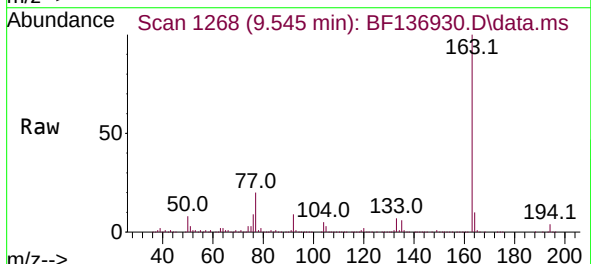
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MSD

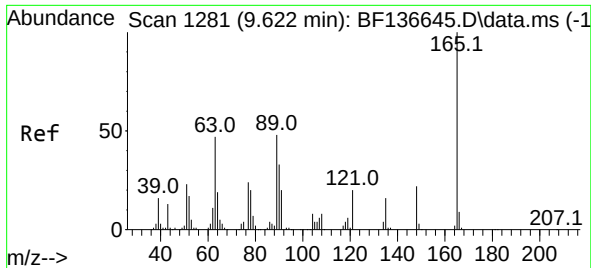
Tgt Ion:152 Resp: 374093
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.4
153 13.3 10.2 15.2



#50
Dimethylphthalate
Concen: 52.371 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion:163 Resp: 267020
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.6 7.8 11.6

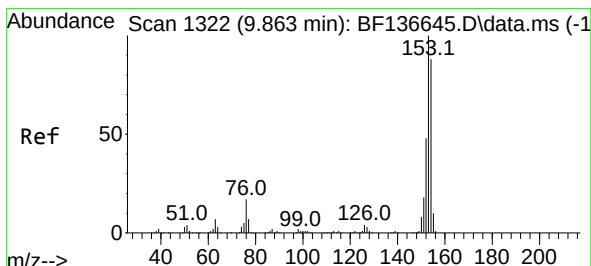
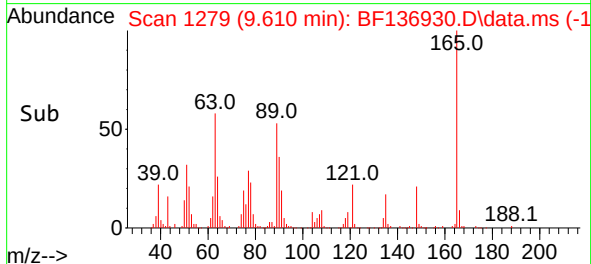
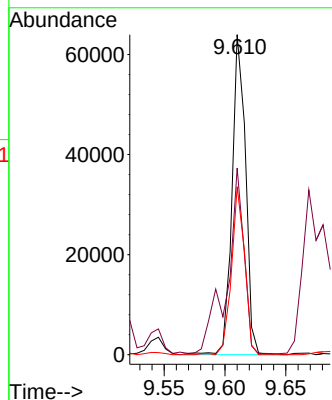
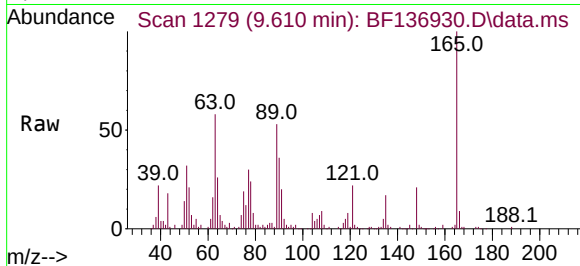




#51
2,6-Dinitrotoluene
Concen: 42.825 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

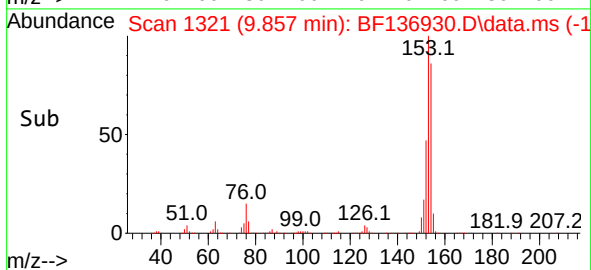
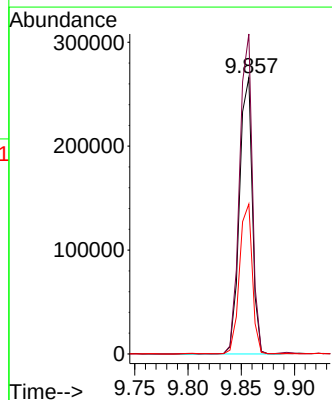
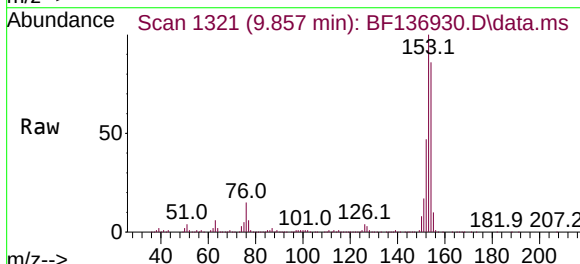
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MSD

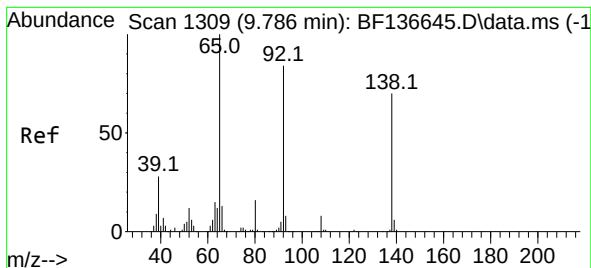
Tgt Ion:165 Resp: 49555
Ion Ratio Lower Upper
165 100
63 58.3 39.8 59.6
89 52.5 38.8 58.2



#52
Acenaphthene
Concen: 53.078 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion:154 Resp: 223944
Ion Ratio Lower Upper
154 100
153 115.8 90.7 136.1
152 54.2 43.7 65.5





#53

3-Nitroaniline

Concen: 46.428 ng

RT: 9.786 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MSD

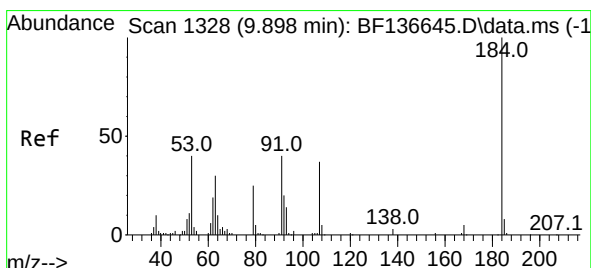
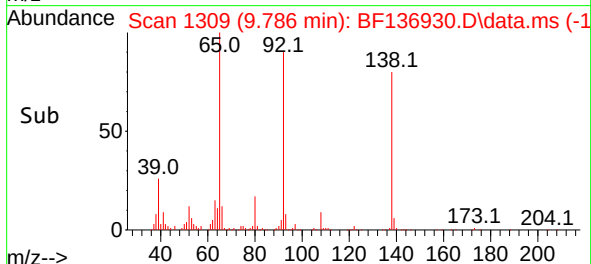
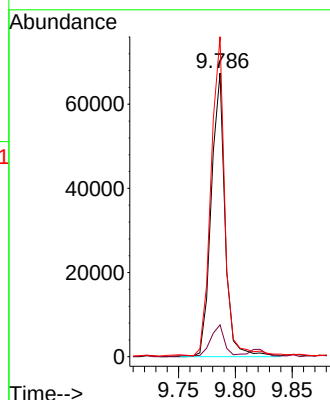
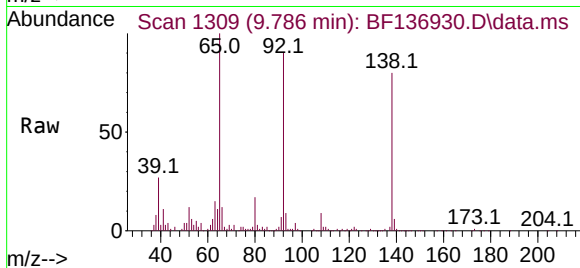
Tgt Ion:138 Resp: 56910

Ion Ratio Lower Upper

138 100

108 11.2 8.6 12.8

92 112.8 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 5.626 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.006 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

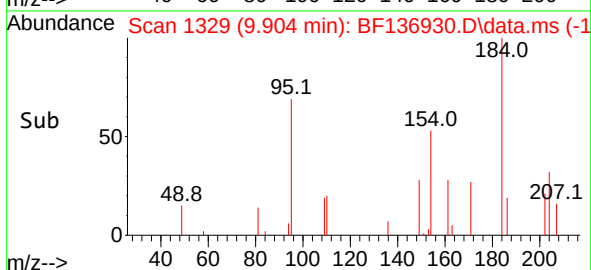
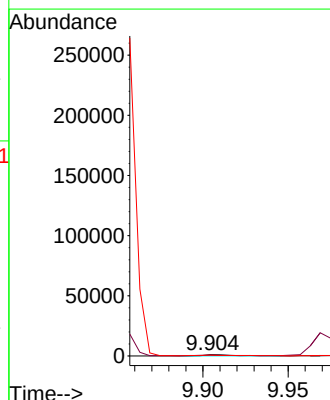
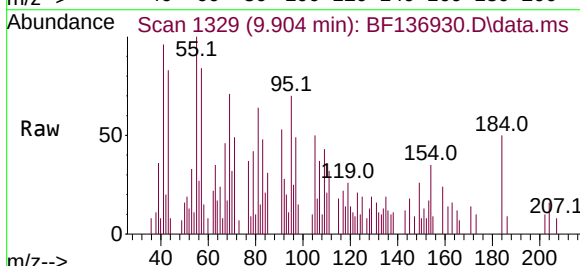
Tgt Ion:184 Resp: 1272

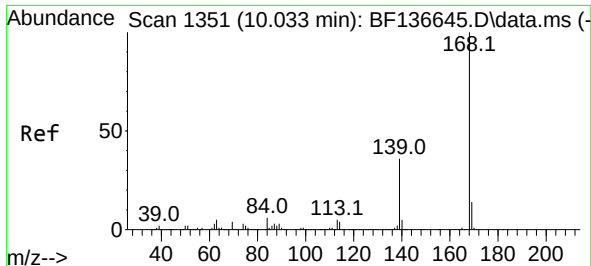
Ion Ratio Lower Upper

184 100

63 70.5 40.9 61.3#

154 70.0 42.7 64.1#

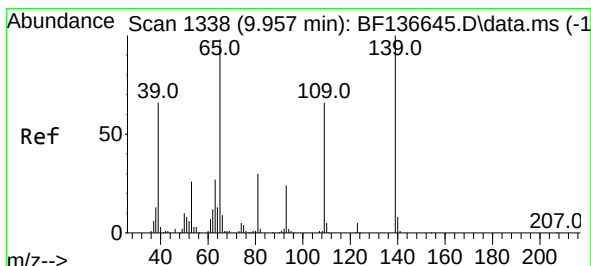
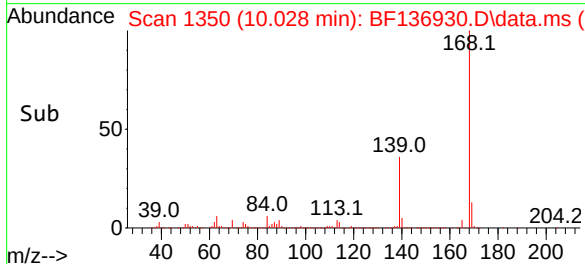
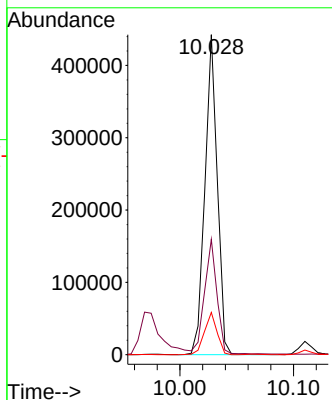
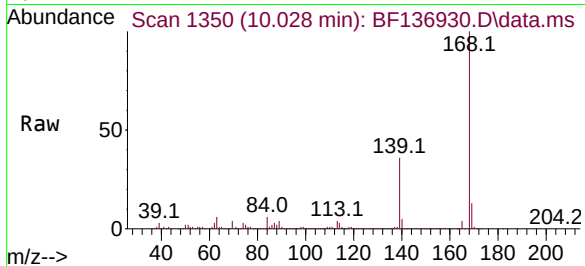




#55
Dibenzenofuran
Concen: 52.236 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

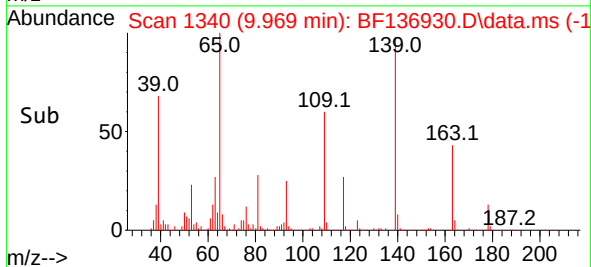
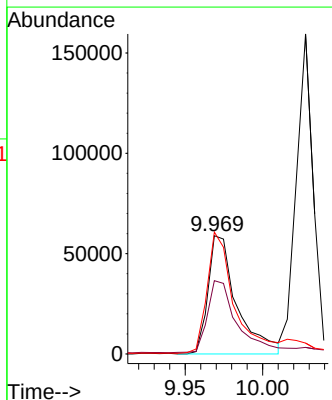
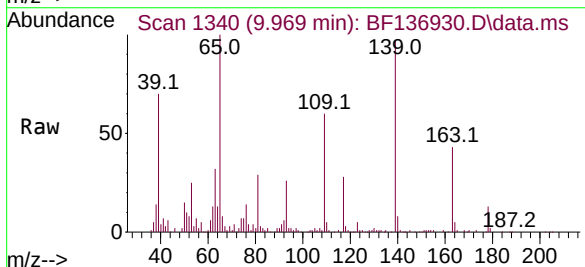
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MSD

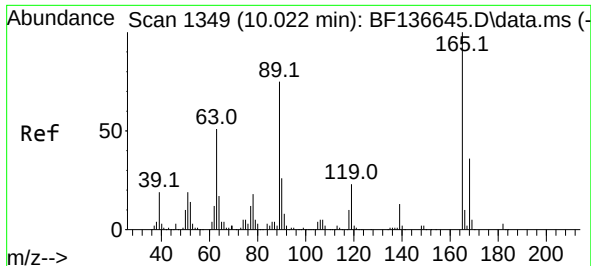
Tgt Ion:168 Resp: 334085
Ion Ratio Lower Upper
168 100
139 36.0 29.3 43.9
169 13.2 11.0 16.4



#56
4-Nitrophenol
Concen: 92.173 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion:139 Resp: 76271
Ion Ratio Lower Upper
139 100
109 62.0 45.8 85.8
65 103.1 77.8 117.8

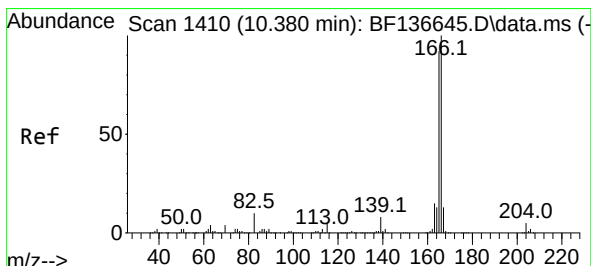
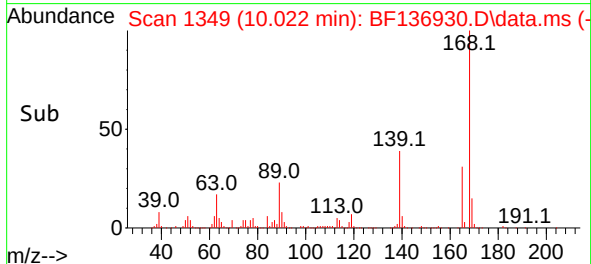
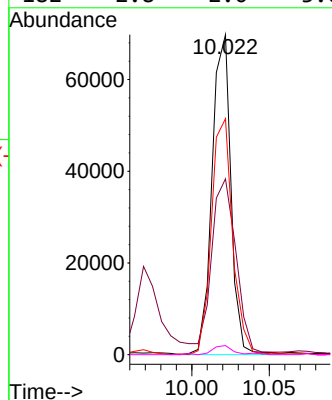
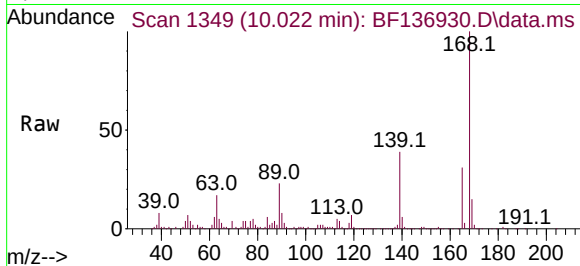




#57
2,4-Dinitrotoluene
Concen: 39.274 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

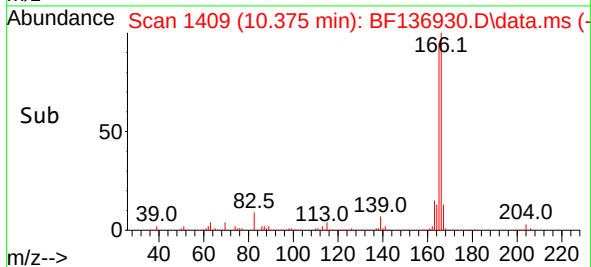
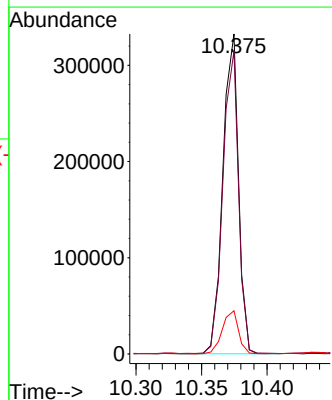
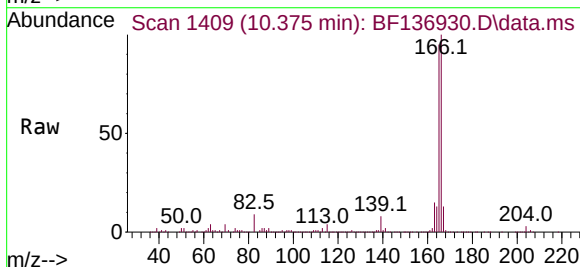
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MSD

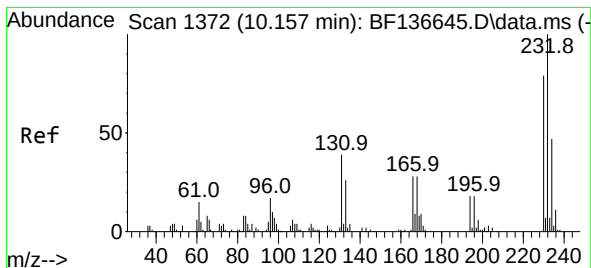
Tgt Ion:165 Resp: 58998
Ion Ratio Lower Upper
165 100
63 54.9 41.0 61.6
89 73.7 59.9 89.9
182 2.8 2.0 3.0



#58
Fluorene
Concen: 54.187 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion:166 Resp: 274985
Ion Ratio Lower Upper
166 100
165 94.7 73.7 110.5
167 13.5 10.4 15.6

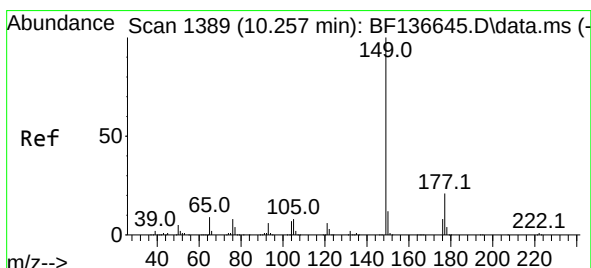
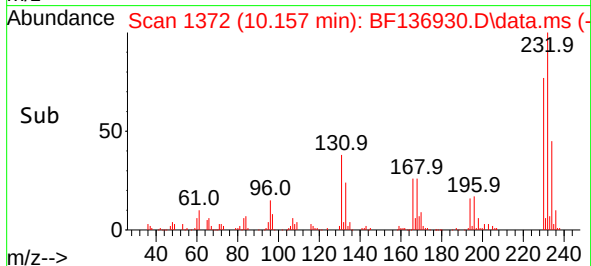
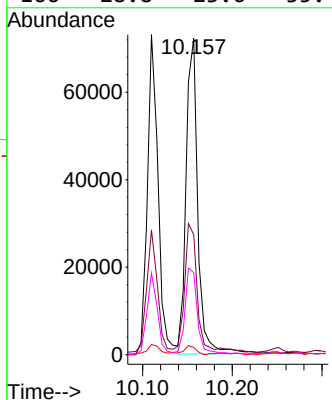
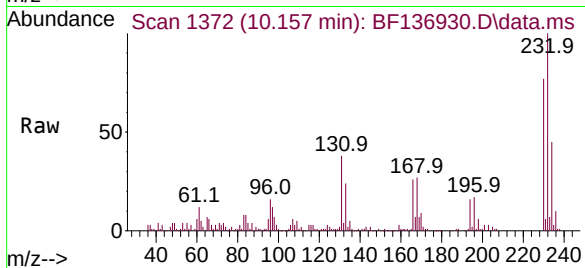




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.990 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

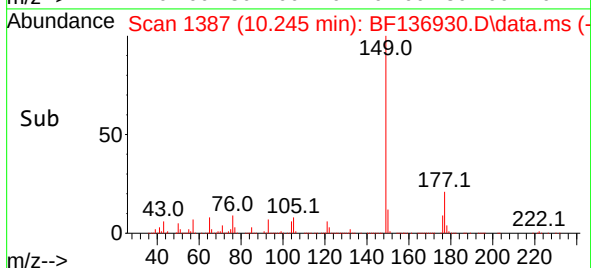
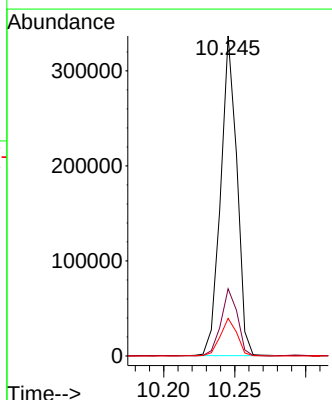
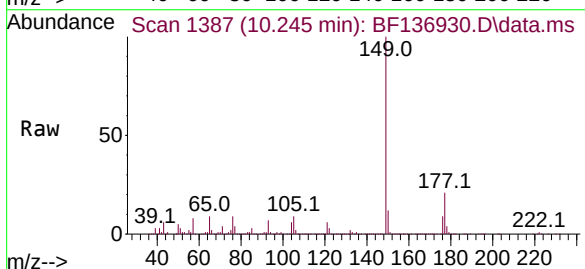
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MSD

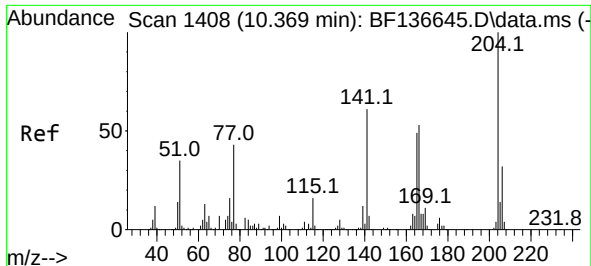
Tgt Ion:232 Resp: 65398
Ion Ratio Lower Upper
232 100
131 40.6 35.1 52.7
130 2.7 1.6 2.4#
166 28.8 23.6 35.4



#60
Diethylphthalate
Concen: 50.509 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion:149 Resp: 267202
Ion Ratio Lower Upper
149 100
177 21.0 16.9 25.3
150 11.7 9.3 13.9

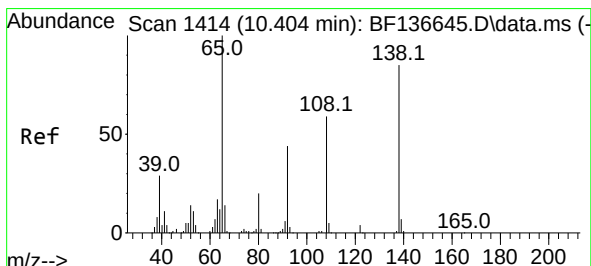
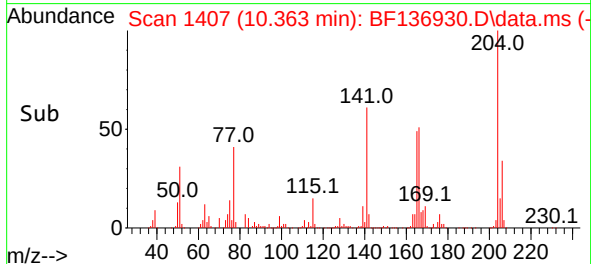
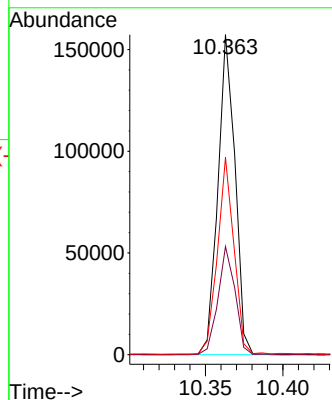
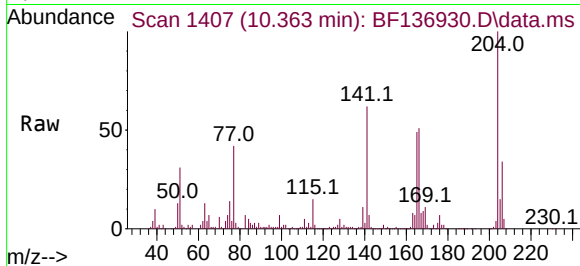




#61
4-Chlorophenyl-phenylether
Concen: 48.871 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

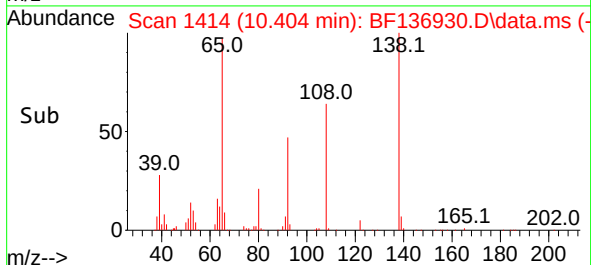
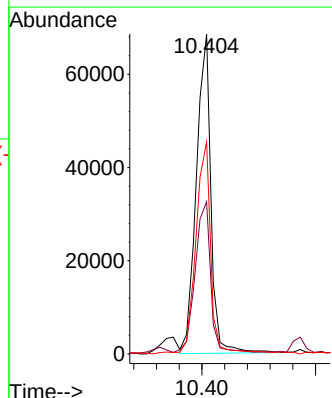
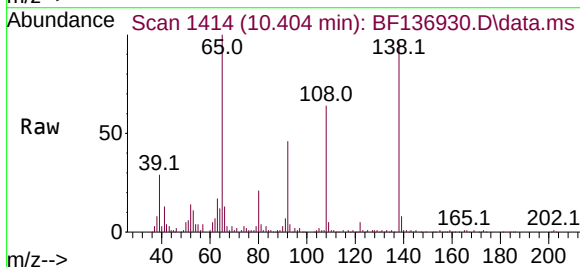
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MSD

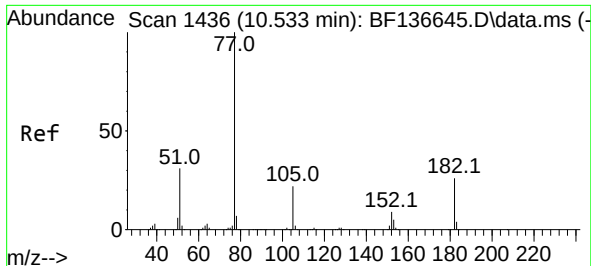
Tgt Ion:204 Resp: 120548
Ion Ratio Lower Upper
204 100
206 33.8 25.6 38.4
141 61.7 48.4 72.6



#62
4-Nitroaniline
Concen: 51.841 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion:138 Resp: 61259
Ion Ratio Lower Upper
138 100
92 47.6 32.1 72.1
108 66.3 50.1 90.1

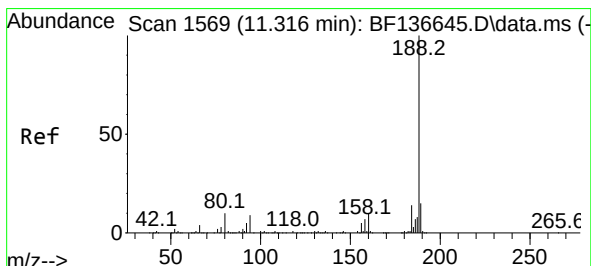
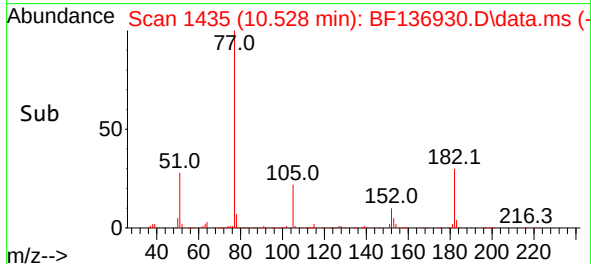
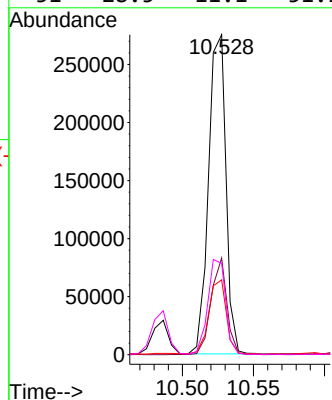
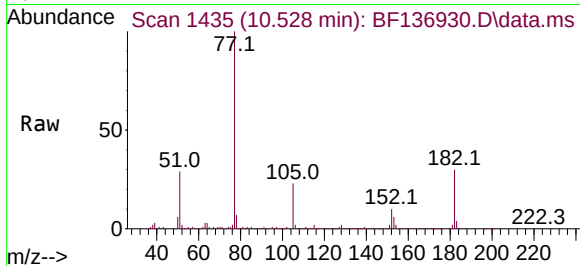




#63
Azobenzene
Concen: 47.417 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

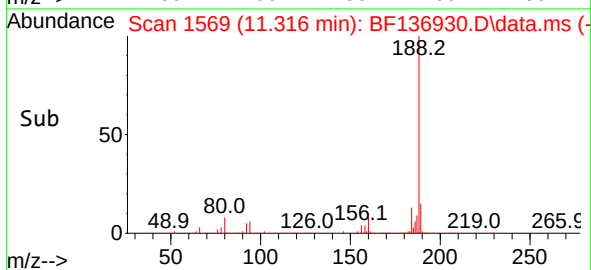
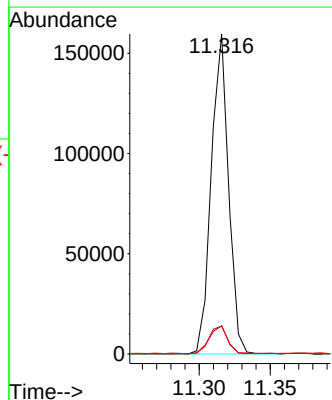
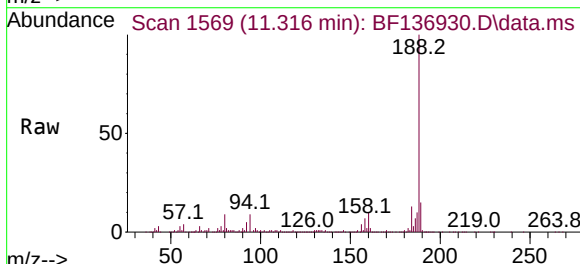
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MSD

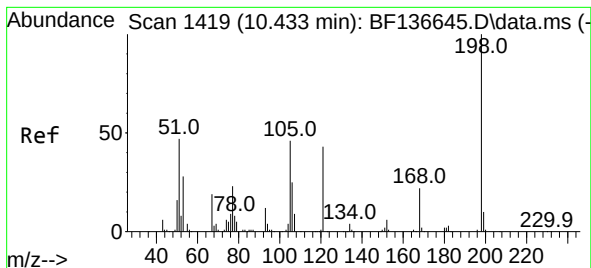
Tgt Ion: 77	Resp: 234290
Ion Ratio	Lower Upper
77 100	
182 30.2	6.0 46.0
105 23.4	2.3 42.3
51 28.5	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion:188	Resp: 134660
Ion Ratio	Lower Upper
188 100	
94 8.8	7.5 11.3
80 8.7	8.1 12.1

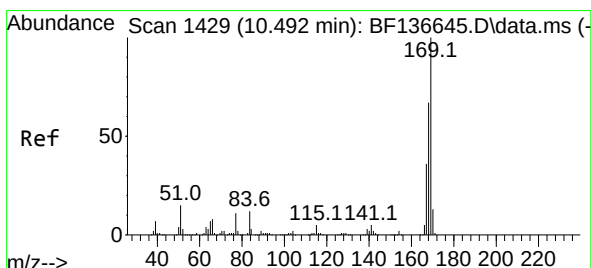
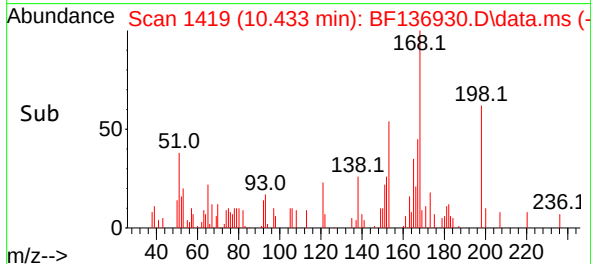
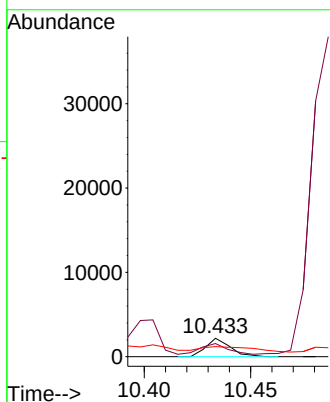
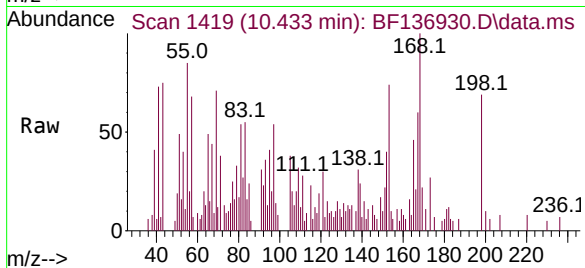




#65
4,6-Dinitro-2-methylphenol
Concen: 2.226 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

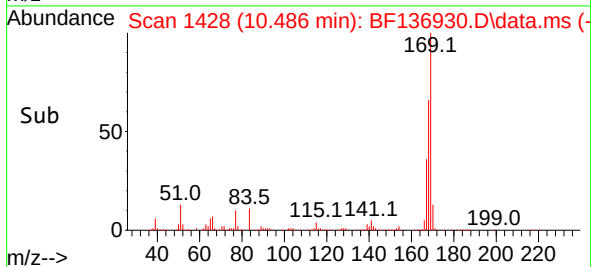
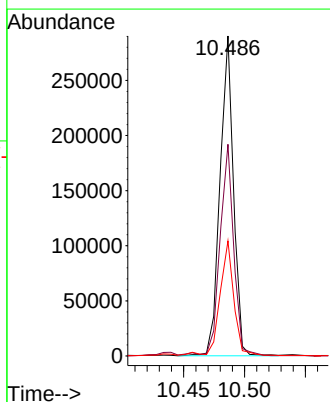
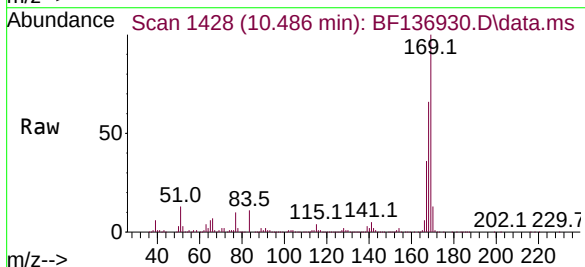
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MSD

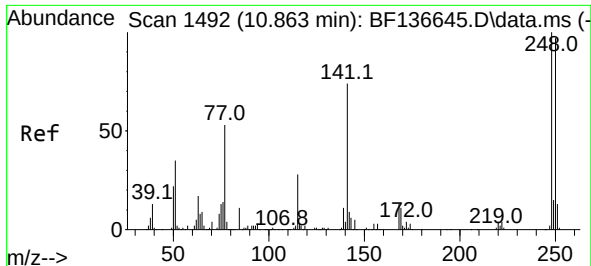
Tgt Ion:198 Resp: 1718
Ion Ratio Lower Upper
198 100
51 71.3 34.1 74.1
105 55.1 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 51.190 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion:169 Resp: 223925
Ion Ratio Lower Upper
169 100
168 66.2 53.8 80.6
167 36.0 28.7 43.1

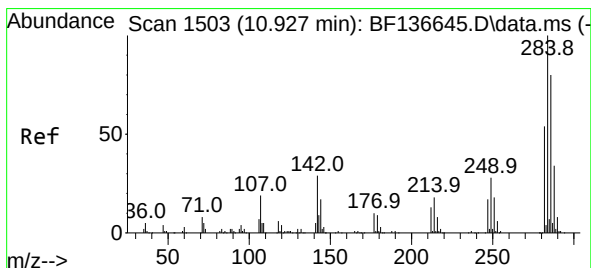
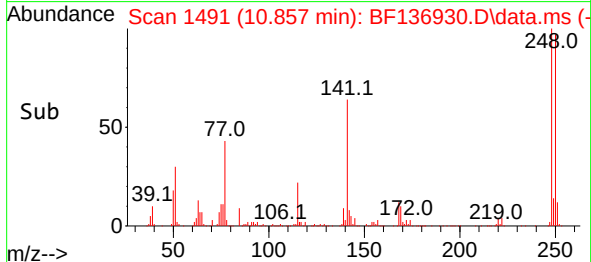
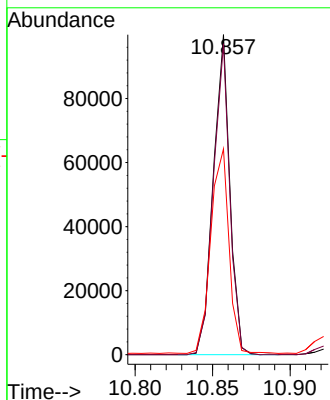
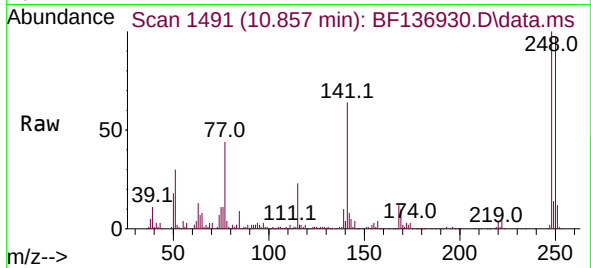




#67
4-Bromophenyl-phenylether
Concen: 49.533 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

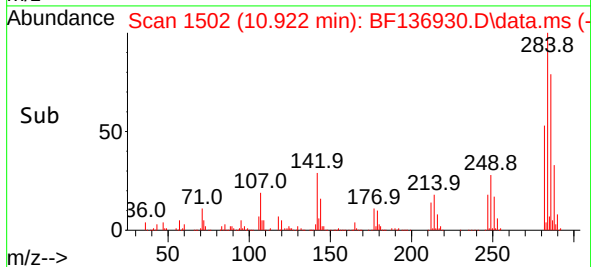
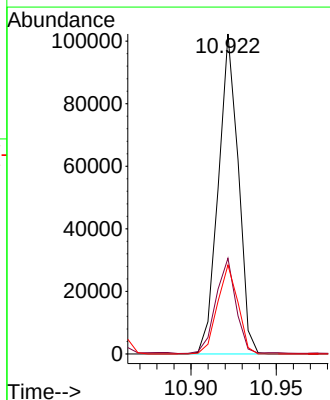
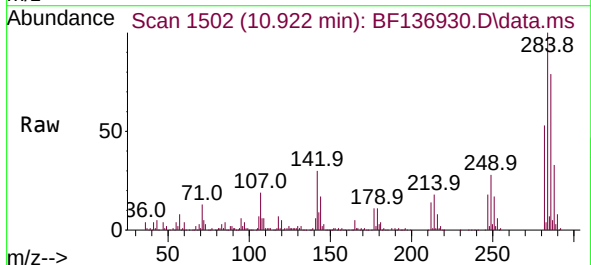
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MSD

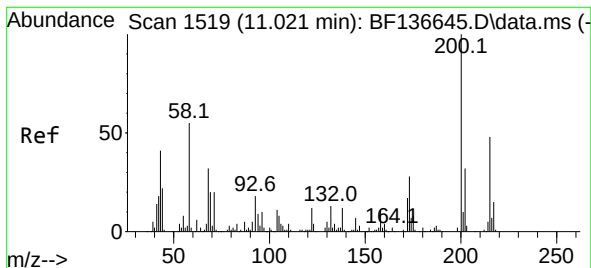
Tgt Ion:248 Resp: 74076
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.6
141 64.3 59.2 88.8



#68
Hexachlorobenzene
Concen: 49.931 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion:284 Resp: 83215
Ion Ratio Lower Upper
284 100
142 29.9 23.4 35.0
249 27.8 22.3 33.5





#69

Atrazine

Concen: 63.324 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MSD

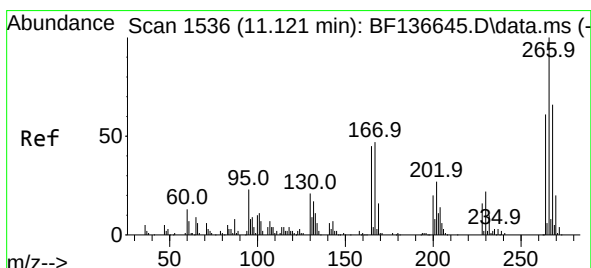
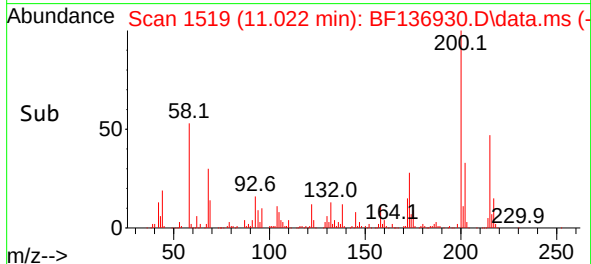
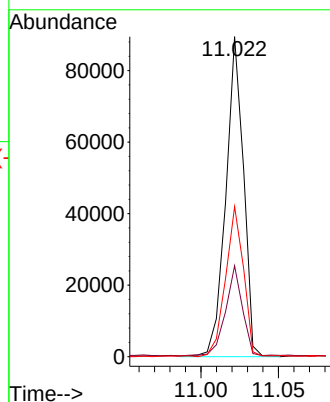
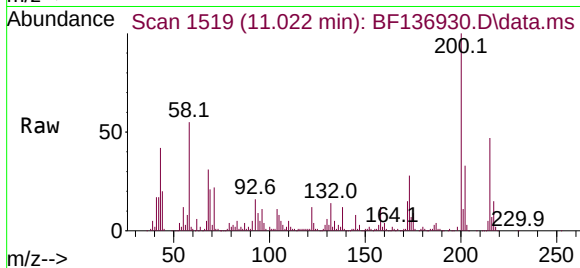
Tgt Ion:200 Resp: 70849

Ion Ratio Lower Upper

200 100

173 28.4 7.6 47.6

215 46.9 28.3 68.3



#70

Pentachlorophenol

Concen: 98.622 ng

RT: 11.128 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

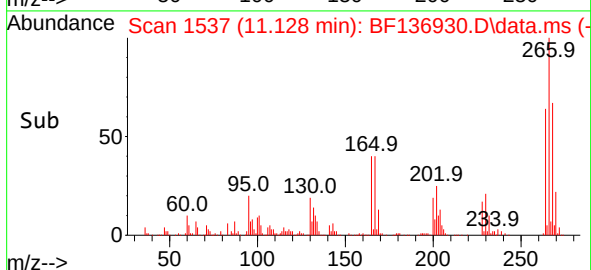
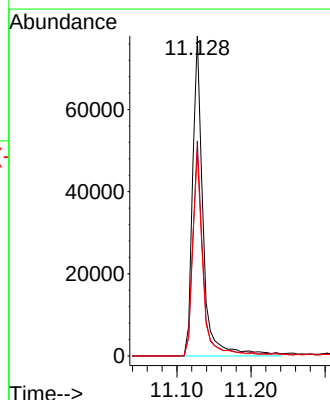
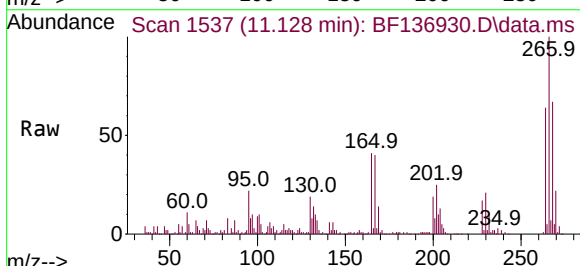
Tgt Ion:266 Resp: 76612

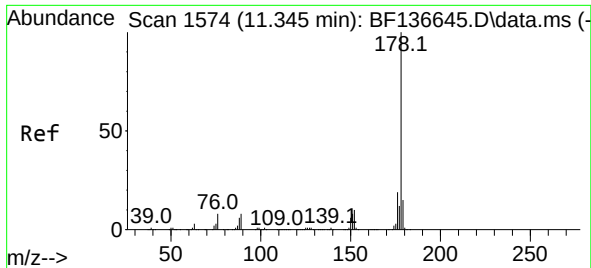
Ion Ratio Lower Upper

266 100

268 67.2 52.6 78.8

264 63.6 49.0 73.4

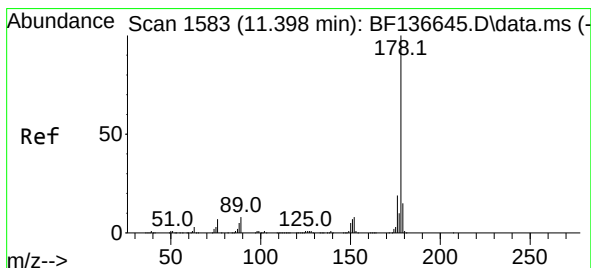
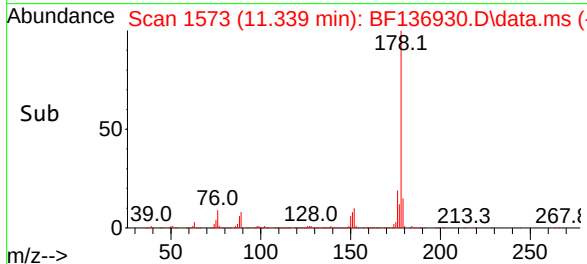
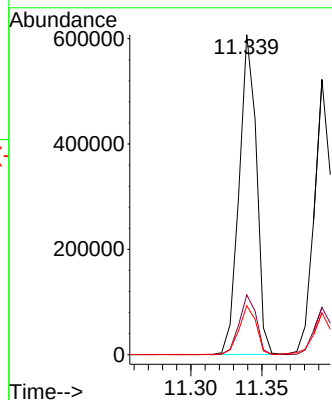
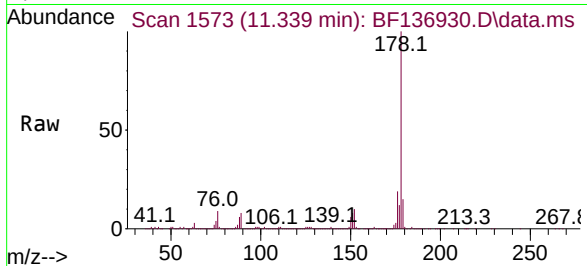




#71
Phenanthrene
Concen: 74.848 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

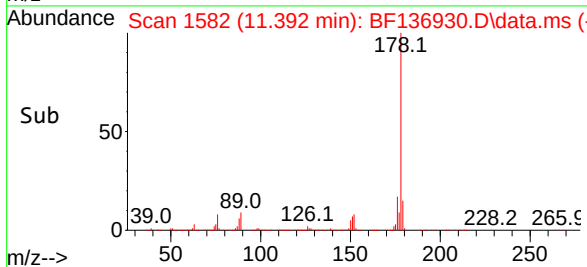
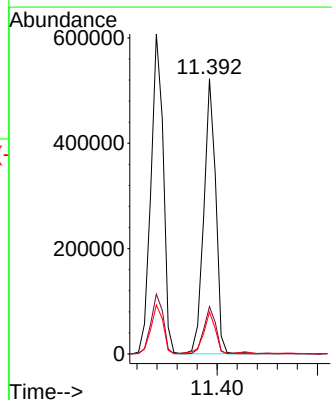
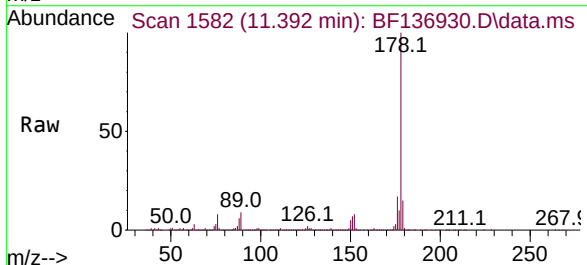
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MSD

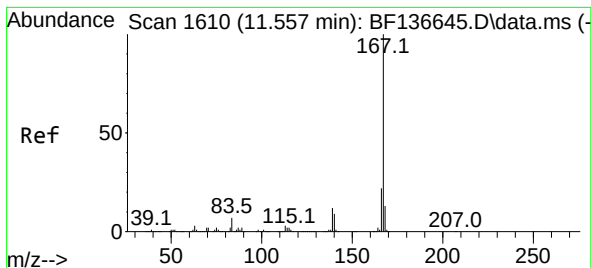
Tgt Ion:178 Resp: 517164
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.3 11.9 17.9



#72
Anthracene
Concen: 61.608 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion:178 Resp: 431103
Ion Ratio Lower Upper
178 100
176 17.2 14.9 22.3
179 15.2 11.8 17.6





#73

Carbazole

Concen: 57.788 ng

RT: 11.557 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MSD

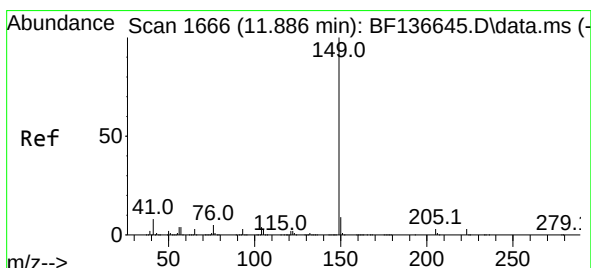
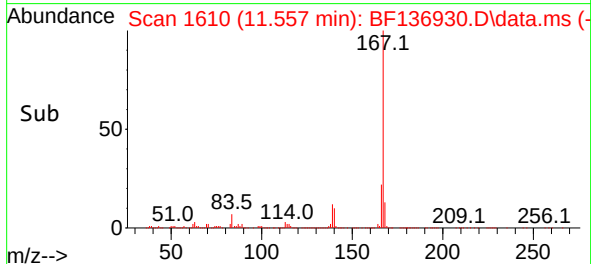
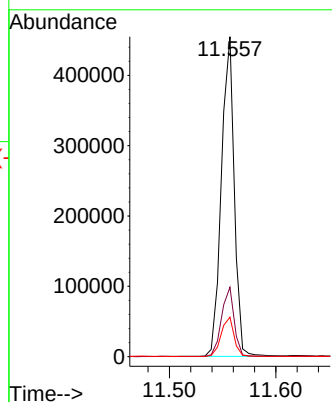
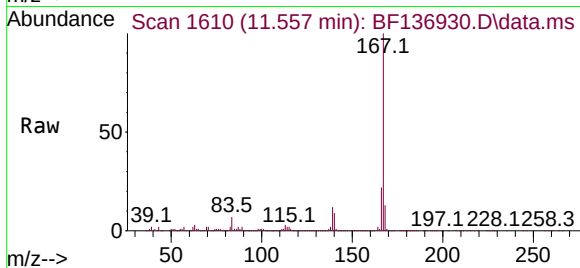
Tgt Ion:167 Resp: 381246

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 12.4 9.8 14.6



#74

Di-n-butylphthalate

Concen: 56.562 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

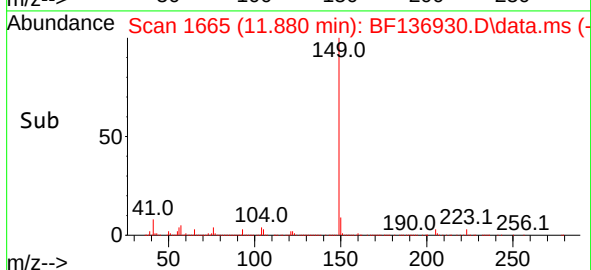
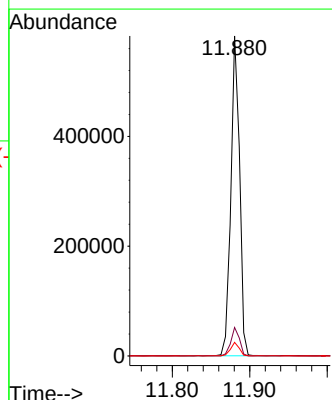
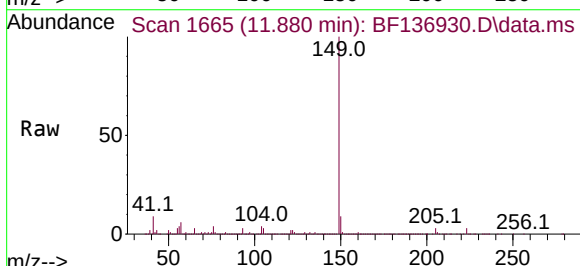
Tgt Ion:149 Resp: 455346

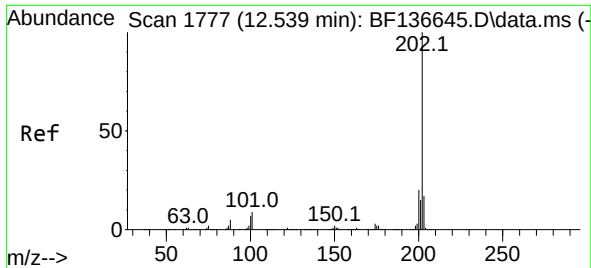
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

104 4.2 3.6 5.4

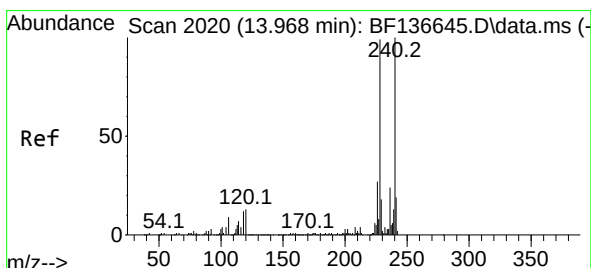
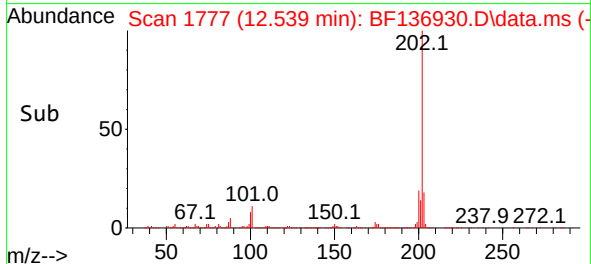
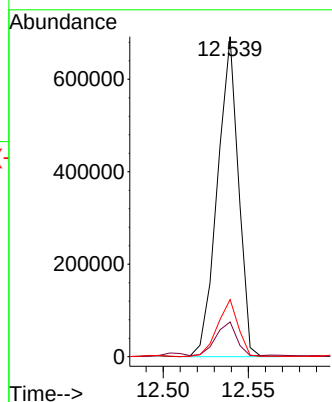
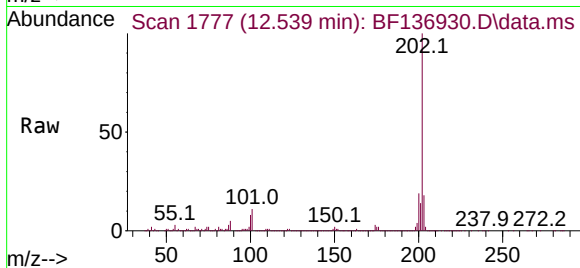




#75
Fluoranthene
Concen: 80.297 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

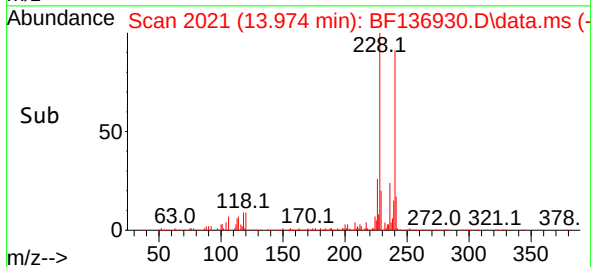
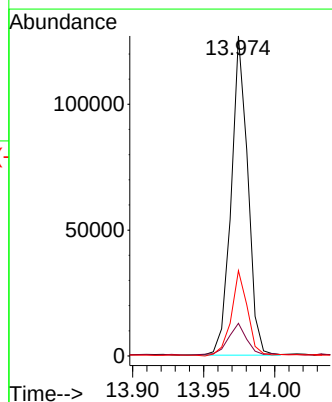
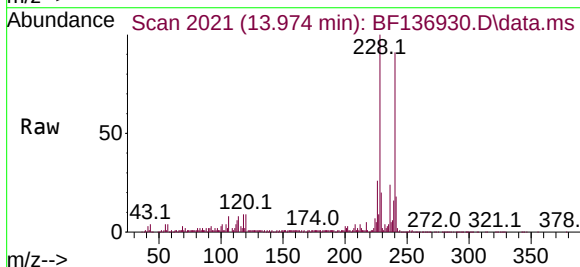
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MSD

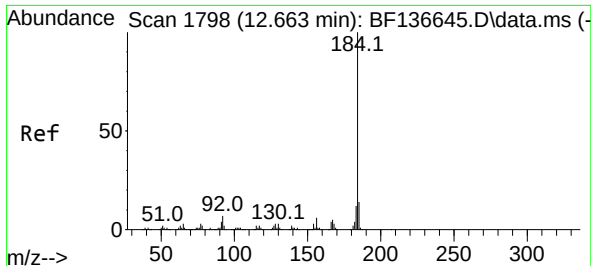
Tgt Ion:202 Resp: 593457
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.3
203 17.9 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion:240 Resp: 103223
Ion Ratio Lower Upper
240 100
120 10.2 10.3 15.5#
236 26.6 19.4 29.2

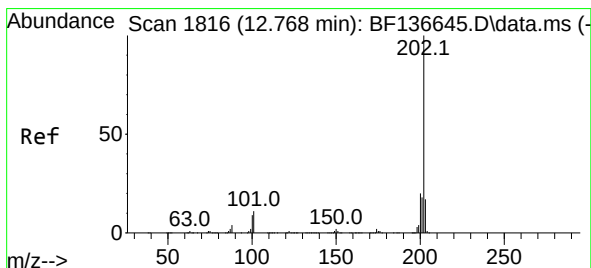
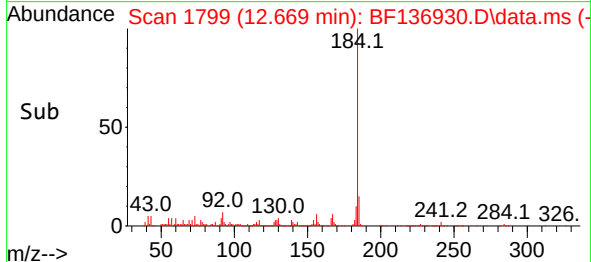
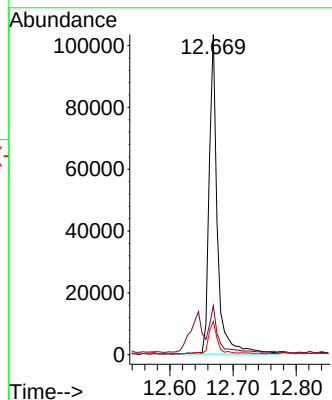
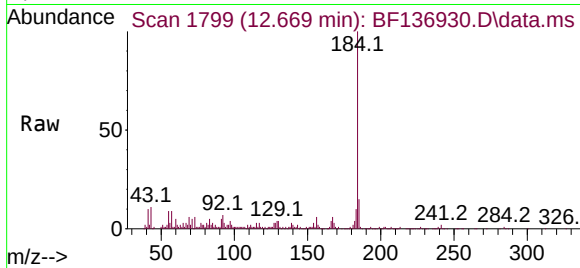




#77
Benzidine
Concen: 30.937 ng
RT: 12.669 min Scan# 1798
Delta R.T. 0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

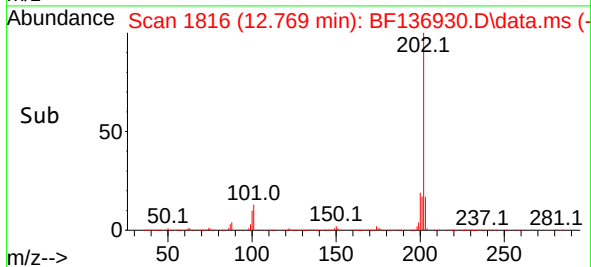
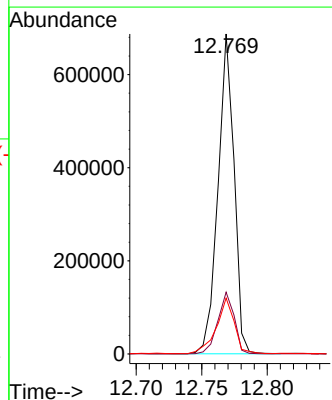
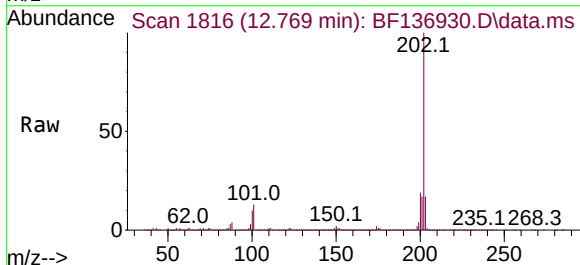
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MSD

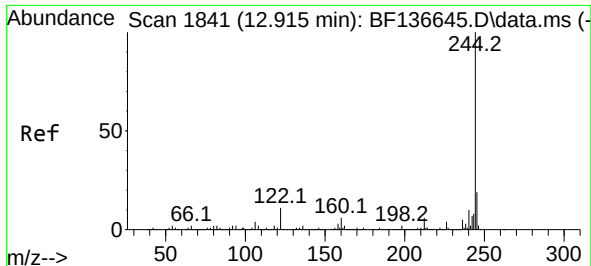
Tgt Ion:184 Resp: 94160
Ion Ratio Lower Upper
184 100
185 15.3 11.2 16.8
183 10.4 9.3 13.9



#78
Pyrene
Concen: 57.720 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion:202 Resp: 584880
Ion Ratio Lower Upper
202 100
200 19.3 15.9 23.9
203 17.5 13.8 20.6

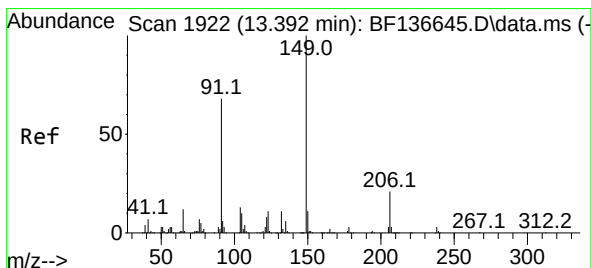
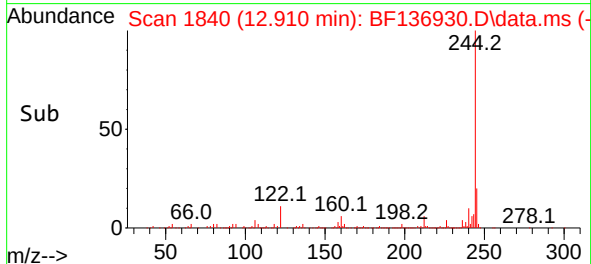
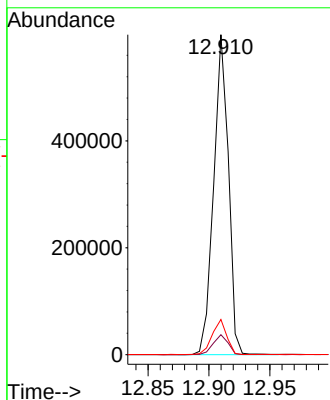
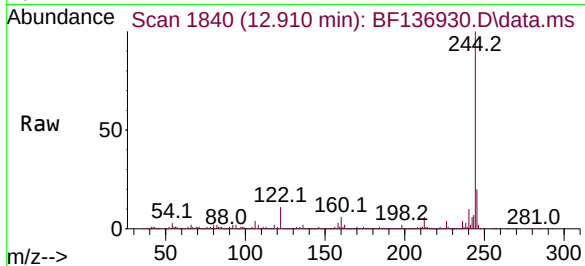




#79
 Terphenyl-d14
 Concen: 68.150 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136930.D
 Acq: 04 Jan 2024 03:09

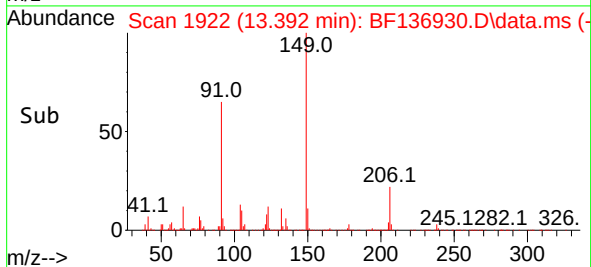
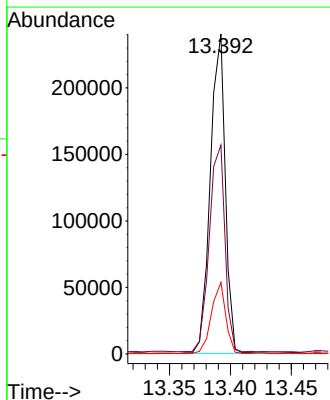
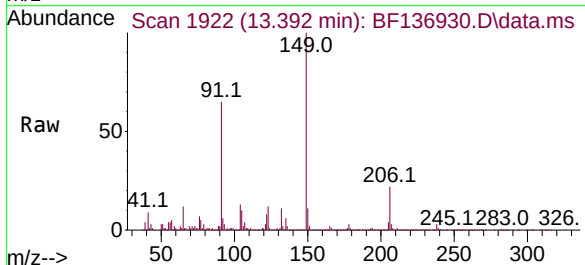
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-12282023MSD

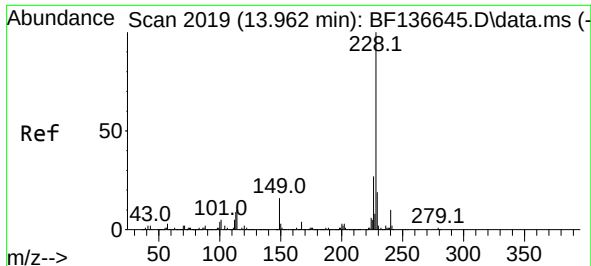
Tgt Ion:244 Resp: 503388
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 11.0 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 55.672 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. 0.000 min
 Lab File: BF136930.D
 Acq: 04 Jan 2024 03:09

Tgt Ion:149 Resp: 205271
 Ion Ratio Lower Upper
 149 100
 91 65.3 54.1 81.1
 206 22.3 17.1 25.7

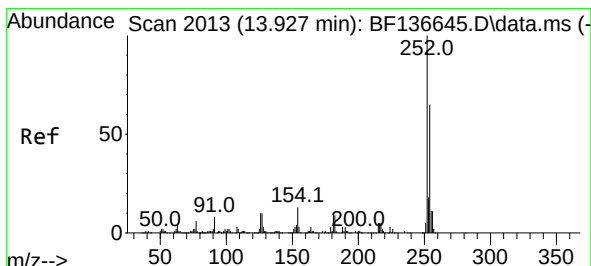
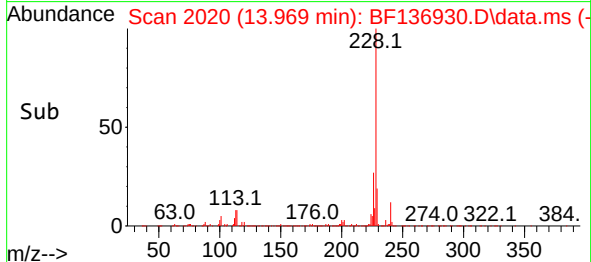
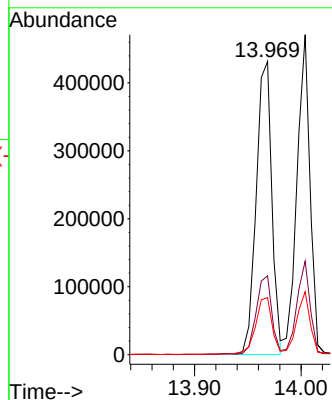
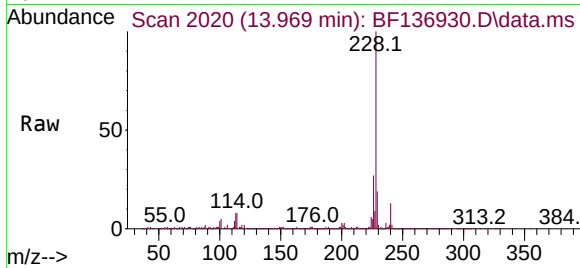




#81
Benzo(a)anthracene
Concen: 61.209 ng
RT: 13.969 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

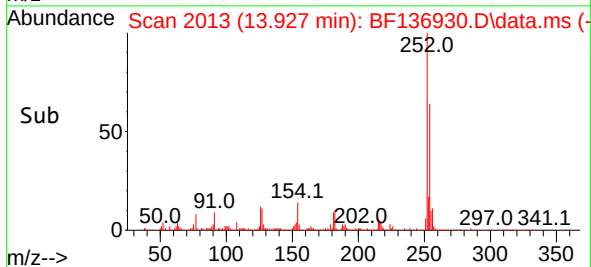
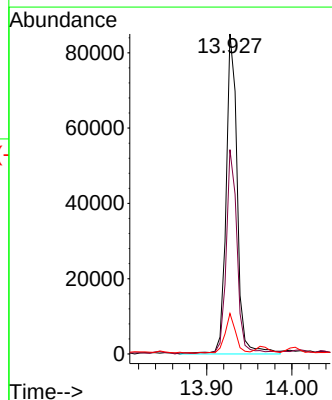
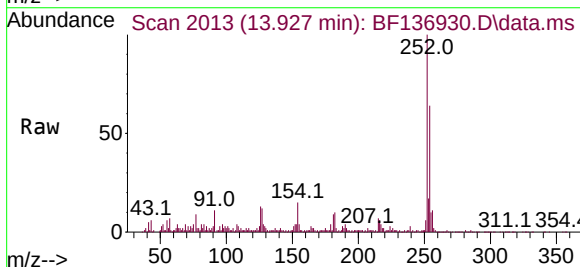
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MSD

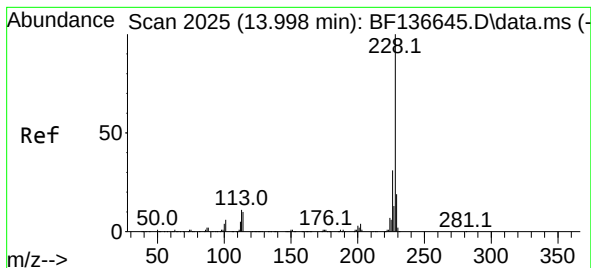
Tgt Ion:228 Resp: 438730
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.0
229 19.5 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 38.073 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion:252 Resp: 77501
Ion Ratio Lower Upper
252 100
254 63.8 52.2 78.4
126 12.7 8.0 12.0#





#83

Chrysene

Concen: 57.394 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MSD

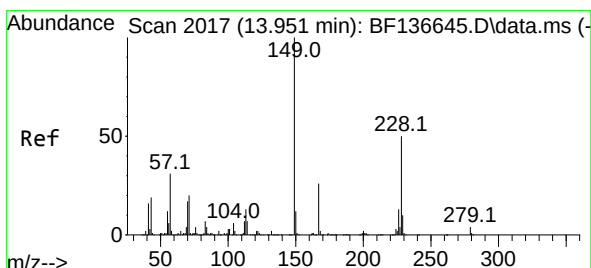
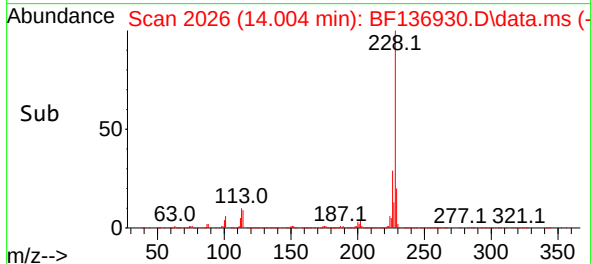
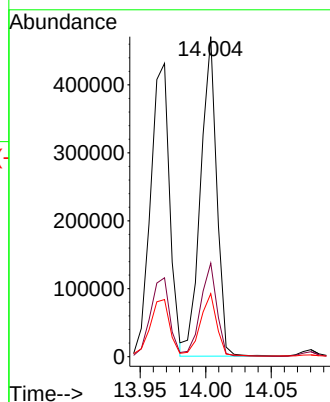
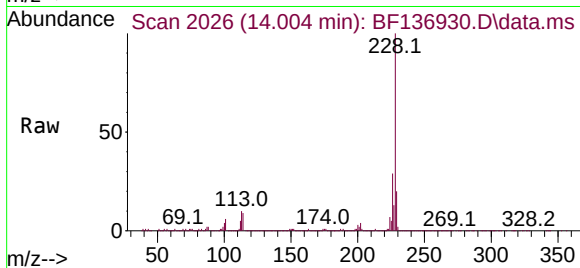
Tgt Ion:228 Resp: 402288

Ion Ratio Lower Upper

228 100

226 29.2 24.7 37.1

229 19.7 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.280 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

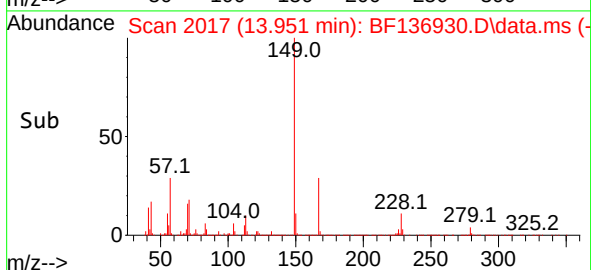
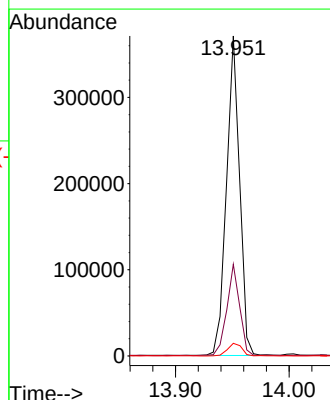
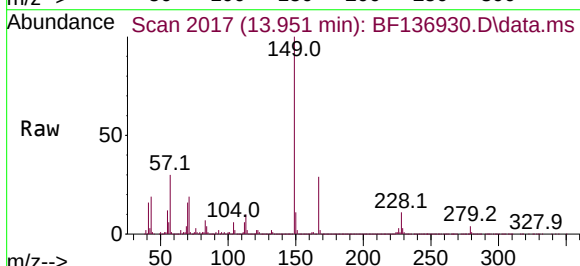
Tgt Ion:149 Resp: 298200

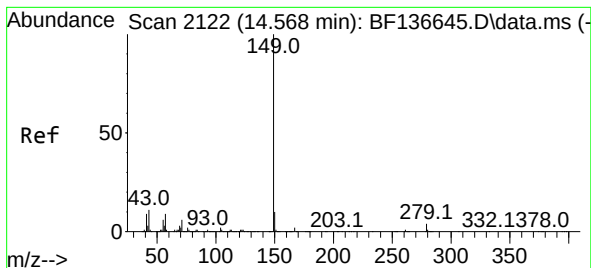
Ion Ratio Lower Upper

149 100

167 28.7 20.9 31.3

279 4.0 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 68.705 ng

RT: 14.569 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MSD

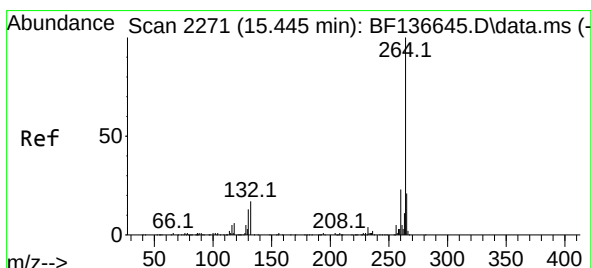
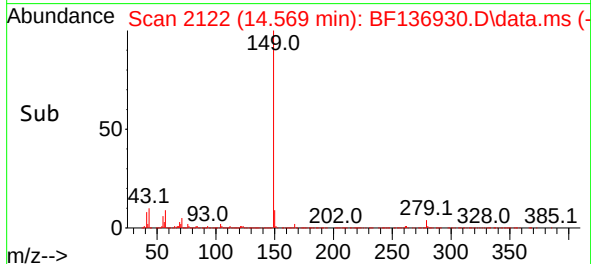
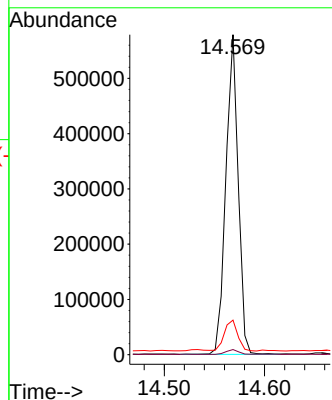
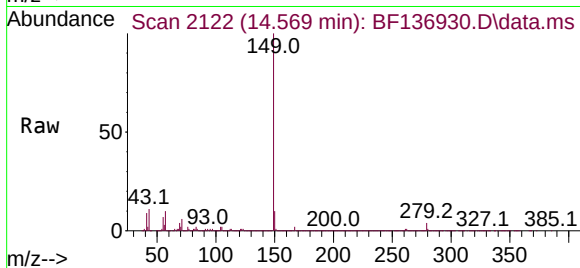
Tgt Ion:149 Resp: 493030

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.4 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.012 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

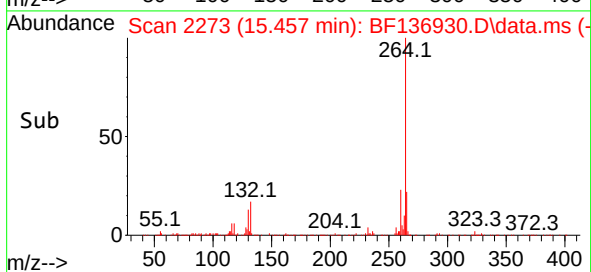
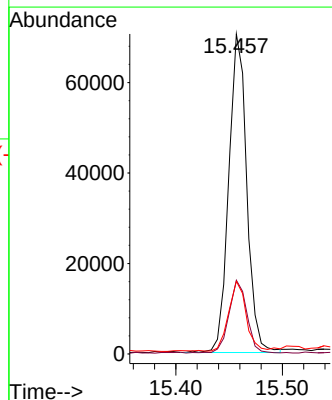
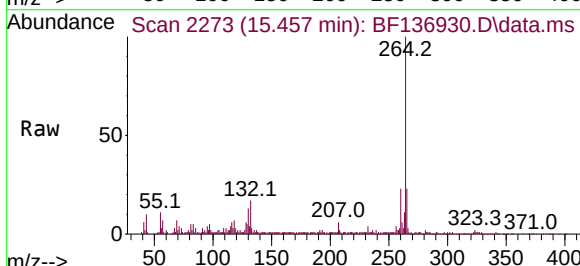
Tgt Ion:264 Resp: 82690

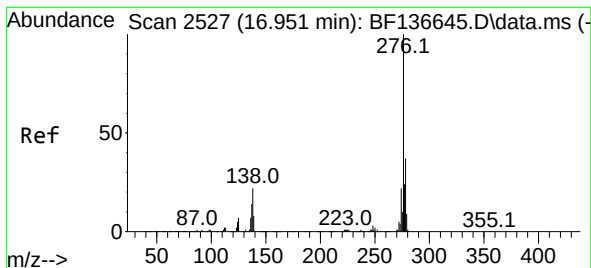
Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 22.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.436 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MSD

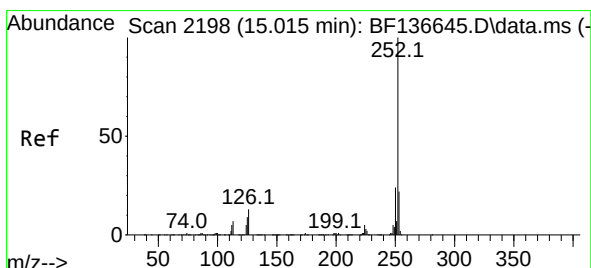
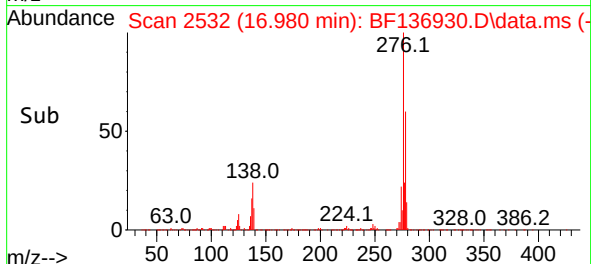
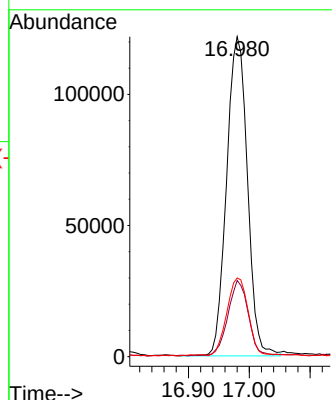
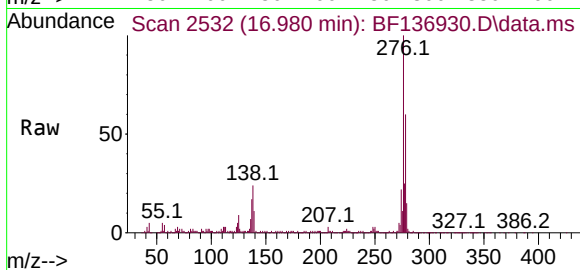
Tgt Ion:276 Resp: 289176

Ion Ratio Lower Upper

276 100

138 23.0 18.7 28.1

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 61.079 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

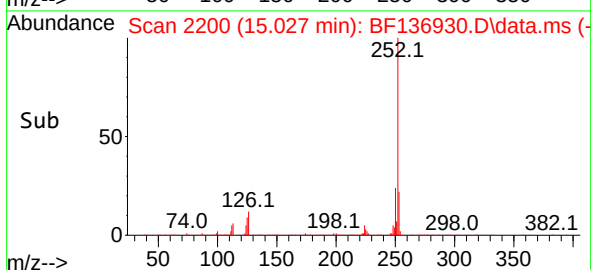
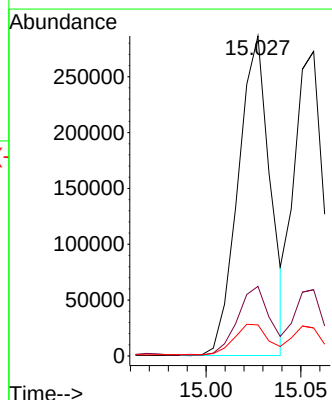
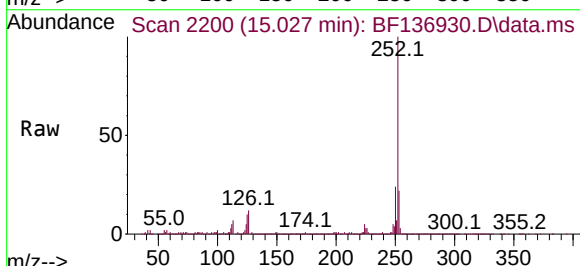
Tgt Ion:252 Resp: 337338

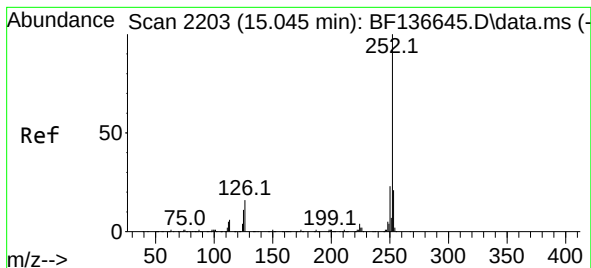
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 9.7 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 55.346 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MSD

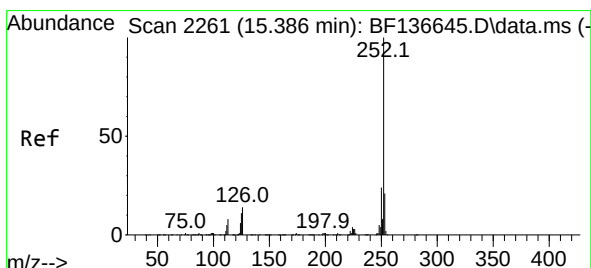
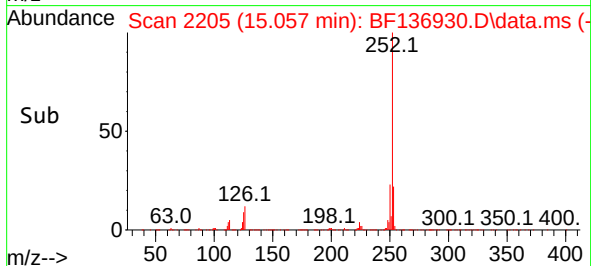
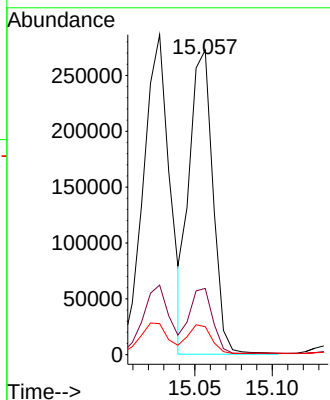
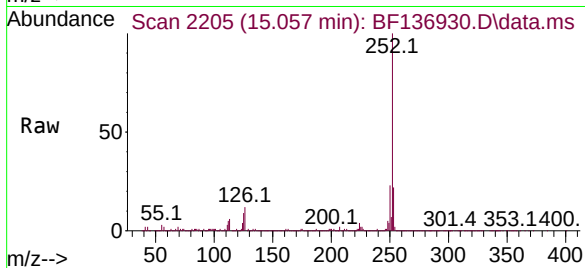
Tgt Ion:252 Resp: 288831

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 9.2 8.2 12.4



#90

Benzo(a)pyrene

Concen: 58.316 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.012 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

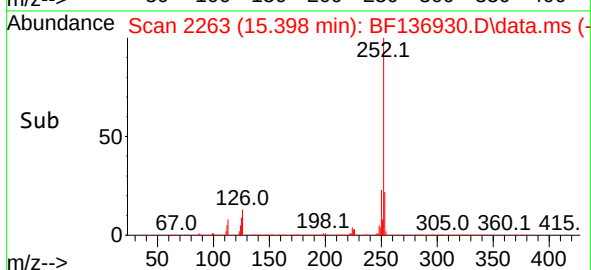
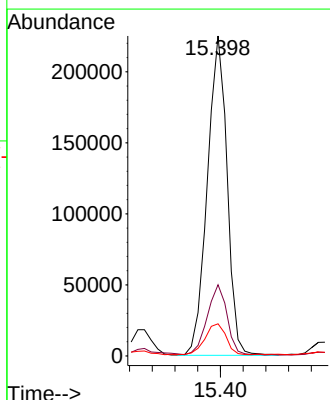
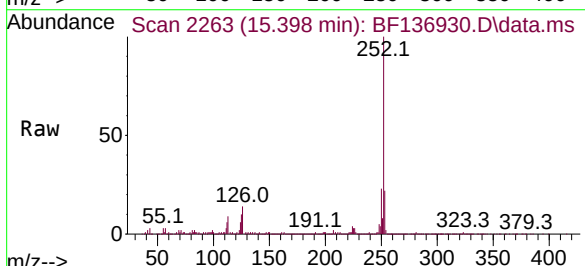
Tgt Ion:252 Resp: 271868

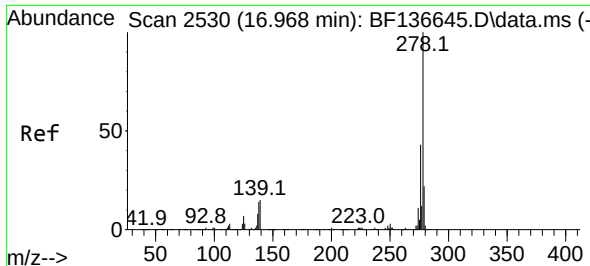
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 10.1 8.8 13.2

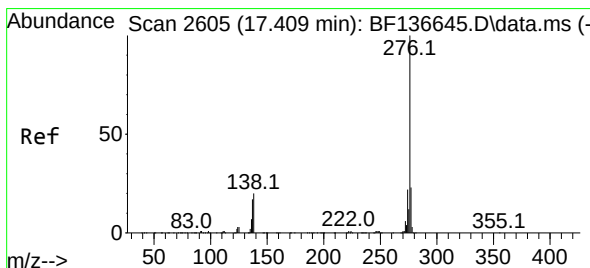
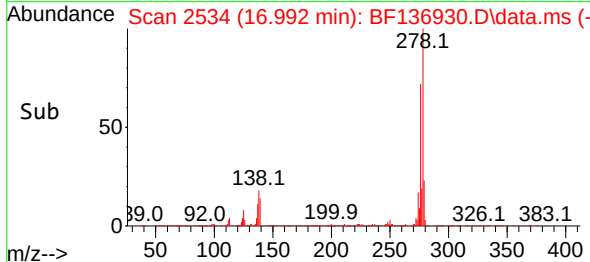
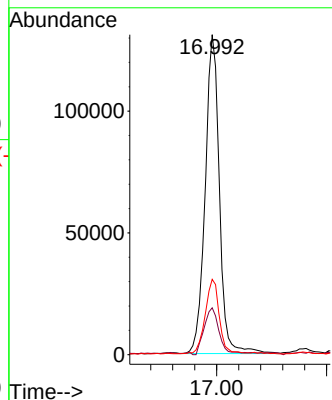
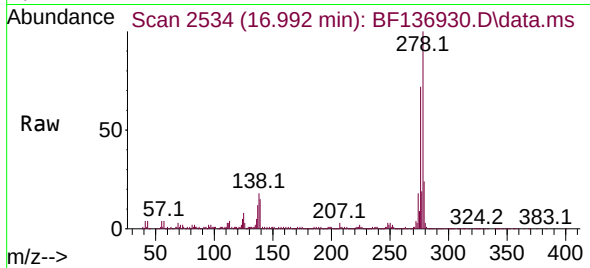




#91
Dibenzo(a,h)anthracene
Concen: 48.016 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MSD

Tgt Ion:278 Resp: 235185
Ion Ratio Lower Upper
278 100
139 14.6 12.2 18.4
279 23.6 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 46.133 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.030 min
Lab File: BF136930.D
Acq: 04 Jan 2024 03:09

Tgt Ion:276 Resp: 231431
Ion Ratio Lower Upper
276 100
277 24.6 18.3 27.5
138 20.2 15.6 23.4

