

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136783.D
 Acq On : 28 Dec 2023 04:11
 Operator : CG\JU
 Sample : 05940-05MSD 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-04-122023MSD

Quant Time: Dec 28 04:33:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	58225	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	189768	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	83061	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	165089	20.000	ng	0.00
76) Chrysene-d12	13.968	240	143925	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	108781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	60454	16.200	ng	0.00
7) Phenol-d6	6.428	99	70930	14.669	ng	-0.01
23) Nitrobenzene-d5	7.339	82	42232	11.388	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	16385	16.750	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	80062	12.964	ng	-0.02
79) Terphenyl-d14	12.904	244	98734	9.587	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.522	88	13568	8.726	ng	92
3) Pyridine	3.310	79	26573	7.005	ng	92
4) n-Nitrosodimethylamine	3.240	42	15495	7.649	ng	92
6) Aniline	6.445	93	23517	4.864	ng	# 53
8) 2-Chlorophenol	6.575	128	31660	7.753	ng	96
9) Benzaldehyde	6.339	77	8260	3.003	ng	97
10) Phenol	6.439	94	39520	7.656	ng	88
11) bis(2-Chloroethyl)ether	6.516	93	32110	8.180	ng	97
12) 1,3-Dichlorobenzene	6.722	146	35767	8.029	ng	98
13) 1,4-Dichlorobenzene	6.798	146	37291	8.192	ng	98
14) 1,2-Dichlorobenzene	6.951	146	34110	8.053	ng	99
15) Benzyl Alcohol	6.928	79	24444	7.493	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	50953	7.939	ng	98
17) 2-Methylphenol	7.039	107	24829	7.339	ng	99
18) Hexachloroethane	7.286	117	10904	6.596	ng	91
19) n-Nitroso-di-n-propyla...	7.186	70	21843	7.452	ng	97
20) 3+4-Methylphenols	7.198	107	32288	7.639	ng	# 59
22) Acetophenone	7.186	105	45800	9.629	ng	# 89
24) Nitrobenzene	7.357	77	30868	8.309	ng	99
25) Isophorone	7.598	82	56074	8.310	ng	97
26) 2-Nitrophenol	7.680	139	9613	5.408	ng	96
27) 2,4-Dimethylphenol	7.722	122	22680	10.481	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	35833	8.736	ng	99
29) 2,4-Dichlorophenol	7.928	162	20955	7.522	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	26462	8.525	ng	95
31) Naphthalene	8.080	128	90185	8.651	ng	100
32) Benzoic acid	7.816	122	9526	4.550	ng	96
33) 4-Chloroaniline	8.133	127	20877	5.424	ng	97
34) Hexachlorobutadiene	8.198	225	16821	8.920	ng	91
35) Caprolactam	8.475	113	6764	7.360	ng	95
36) 4-Chloro-3-methylphenol	8.622	107	21623	6.895	ng	99
37) 2-Methylnaphthalene	8.775	142	54769	8.163	ng	96
38) 1-Methylnaphthalene	8.875	142	51519	7.827	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	24698	9.601	ng	98
41) Hexachlorocyclopentadiene	8.922	237	211	5.140	ng	87
43) 2,4,6-Trichlorophenol	9.057	196	13989	8.480	ng	96

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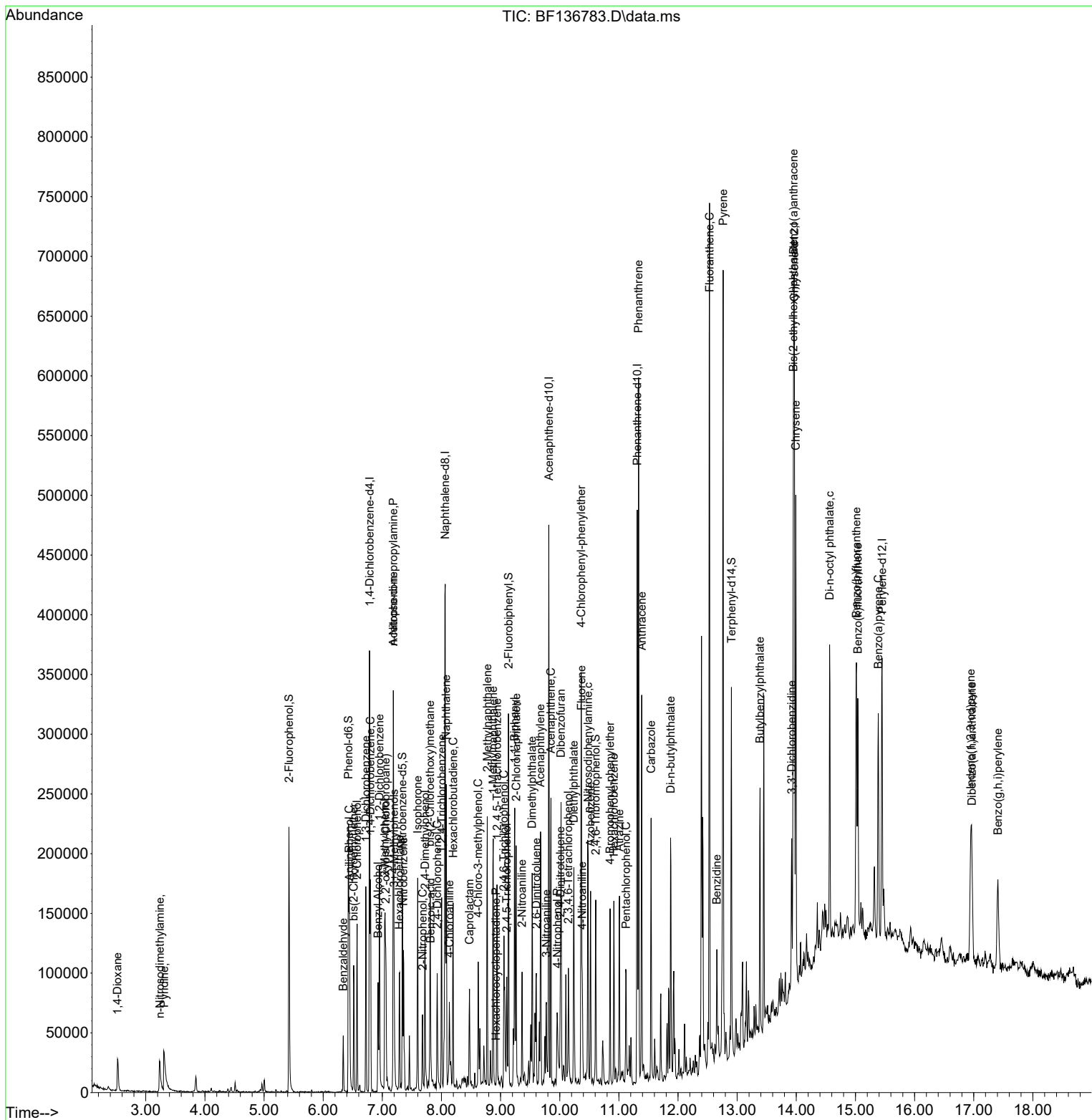
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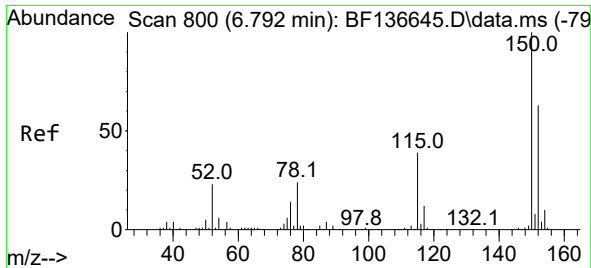
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	15556	8.462	ng	94
46) 1,1'-Biphenyl	9.239	154	67516	9.687	ng	98
47) 2-Chloronaphthalene	9.263	162	46941	8.859	ng	96
48) 2-Nitroaniline	9.363	65	15627	9.418	ng	95
49) Acenaphthylene	9.674	152	84708	10.459	ng	98
50) Dimethylphthalate	9.533	163	54948	9.057	ng	99
51) 2,6-Dinitrotoluene	9.604	165	10238	7.435	ng	98
52) Acenaphthene	9.851	154	48008	9.562	ng	98
53) 3-Nitroaniline	9.774	138	12186	8.355	ng	86
55) Dibenzofuran	10.022	168	74954	9.849	ng	98
56) 4-Nitrophenol	9.957	139	14327	14.551	ng	95
57) 2,4-Dinitrotoluene	10.010	165	12199	6.825	ng	# 97
58) Fluorene	10.369	166	69092	11.442	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	12750	9.010	ng	97
60) Diethylphthalate	10.239	149	58071	9.225	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	26069	8.882	ng	92
62) 4-Nitroaniline	10.380	138	13633	9.696	ng	97
63) Azobenzene	10.521	77	49456	8.412	ng	94
66) n-Nitrosodiphenylamine	10.480	169	48500	9.044	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	15763	8.598	ng	98
68) Hexachlorobenzene	10.916	284	16092	7.876	ng	94
69) Atrazine	11.010	200	15297	11.152	ng	91
70) Pentachlorophenol	11.121	266	13033	13.685	ng	100
71) Phenanthrene	11.333	178	191985	22.664	ng	99
72) Anthracene	11.386	178	112827	13.152	ng	98
73) Carbazole	11.545	167	80851	9.996	ng	100
74) Di-n-butylphthalate	11.874	149	97241	9.853	ng	99
75) Fluoranthene	12.533	202	279590	30.857	ng	99
77) Benzidine	12.657	184	36797	8.671	ng	98
78) Pyrene	12.762	202	259340	18.356	ng	99
80) Butylbenzylphthalate	13.386	149	44919	8.737	ng	97
81) Benzo(a)anthracene	13.957	228	164064	16.416	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	27283	9.613	ng	95
83) Chrysene	13.992	228	140067	14.332	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	68213	10.546	ng	# 93
85) Di-n-octyl phthalate	14.562	149	113884	11.382	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.950	276	77673	9.889	ng	98
88) Benzo(b)fluoranthene	15.015	252	119382	16.431	ng	99
89) Benzo(k)fluoranthene	15.039	252	84904	12.367	ng	98
90) Benzo(a)pyrene	15.386	252	88369	14.409	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	52296	8.116	ng	96
92) Benzo(g,h,i)perylene	17.409	276	62773	9.512	ng	95

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

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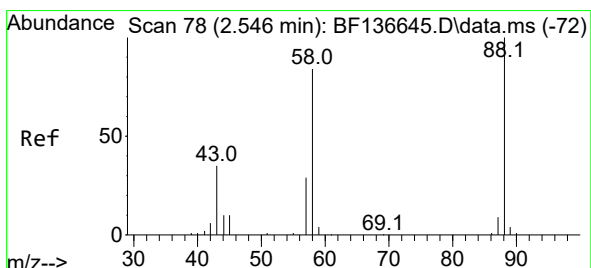
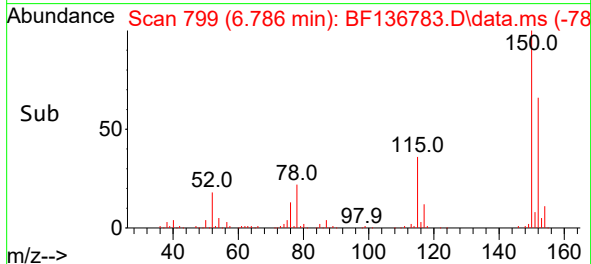
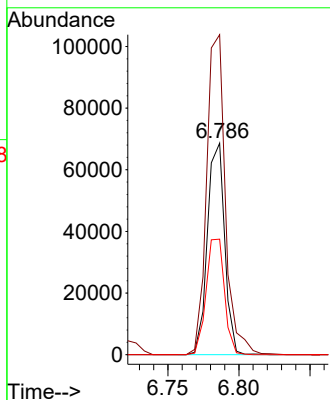
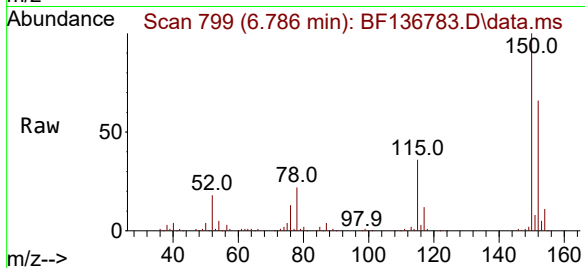




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF136783.D
 Acq: 28 Dec 2023 04:11

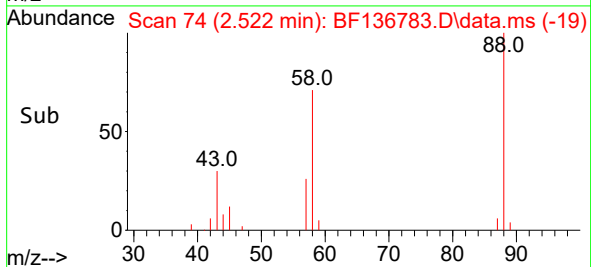
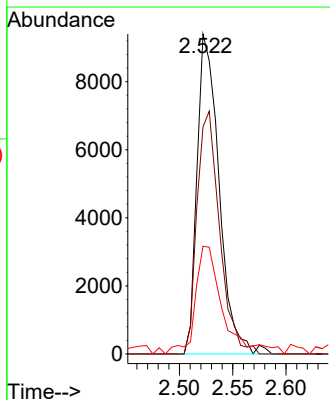
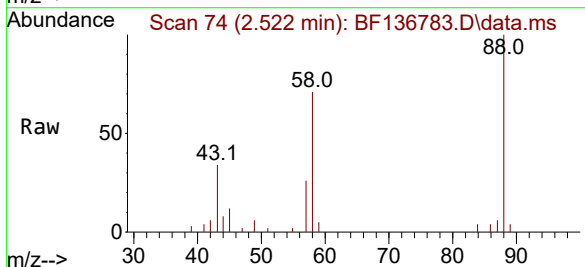
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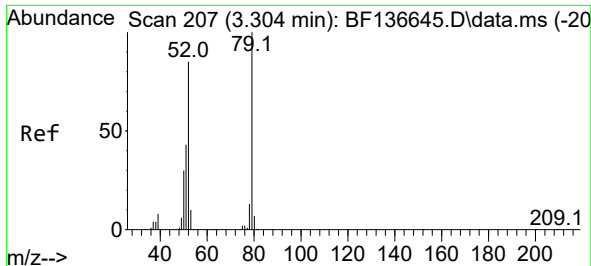
Tgt Ion:152 Resp: 58225
 Ion Ratio Lower Upper
 152 100
 150 151.3 127.0 190.6
 115 54.6 49.0 73.4



#2
 1,4-Dioxane
 Concen: 8.726 ng
 RT: 2.522 min Scan# 74
 Delta R.T. -0.024 min
 Lab File: BF136783.D
 Acq: 28 Dec 2023 04:11

Tgt Ion: 88 Resp: 13568
 Ion Ratio Lower Upper
 88 100
 58 77.6 67.4 101.0
 43 39.4 27.7 41.5

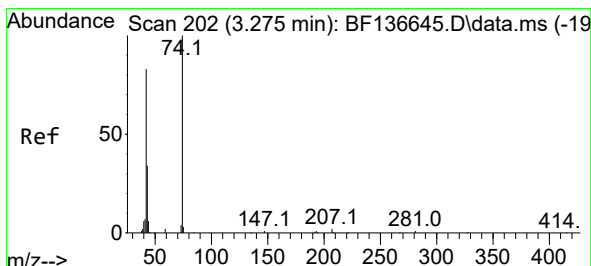
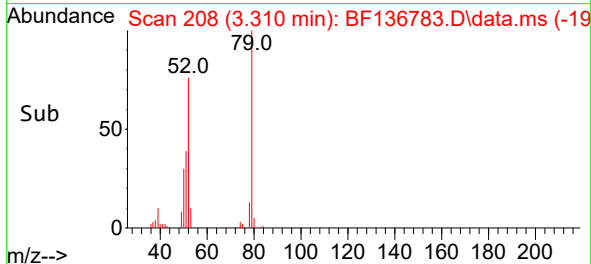
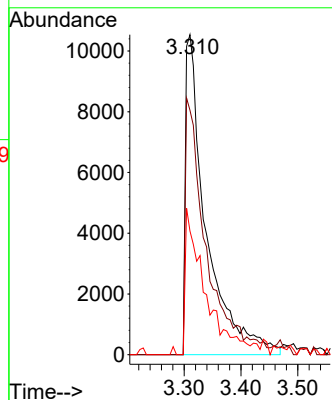
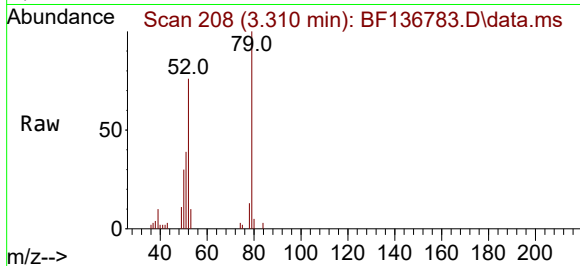




#3
Pyridine
Concen: 7.005 ng
RT: 3.310 min Scan# 207
Delta R.T. 0.006 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

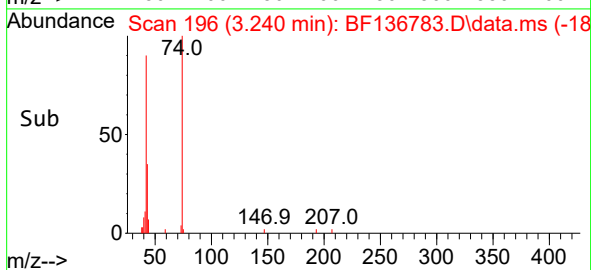
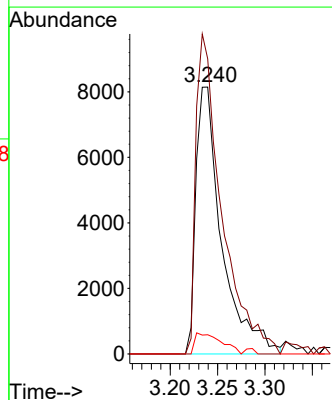
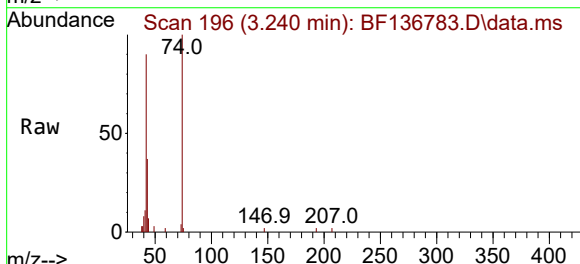
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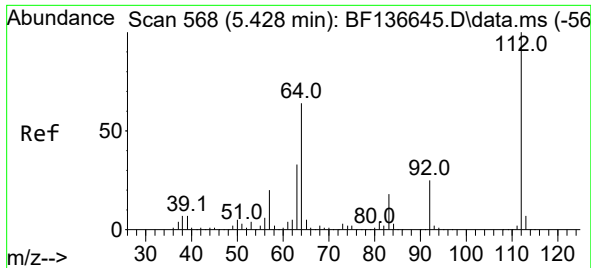
Tgt Ion: 79 Resp: 26573
Ion Ratio Lower Upper
79 100
52 76.4 67.7 101.5
51 38.7 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 7.649 ng
RT: 3.240 min Scan# 196
Delta R.T. -0.035 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion: 42 Resp: 15495
Ion Ratio Lower Upper
42 100
74 110.6 96.0 144.0
44 7.2 5.4 8.2

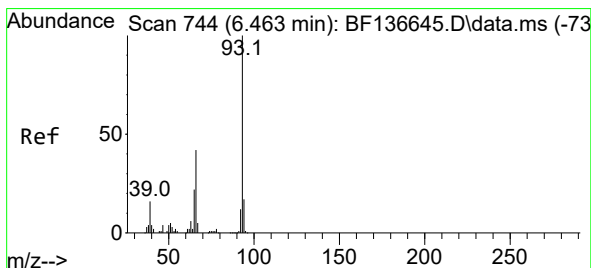
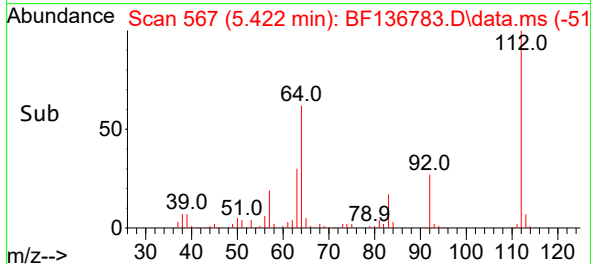
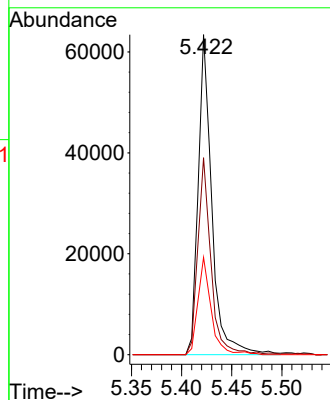
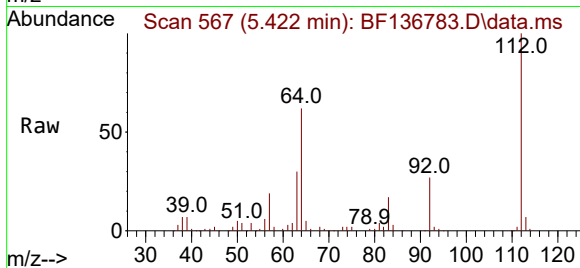




#5
2-Fluorophenol
Concen: 16.200 ng
RT: 5.422 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

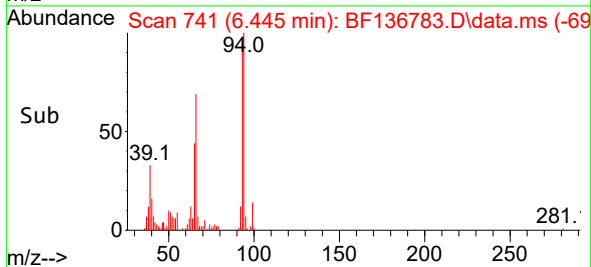
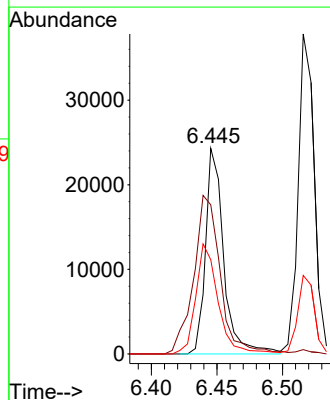
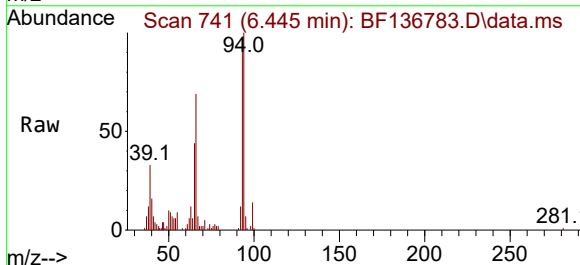
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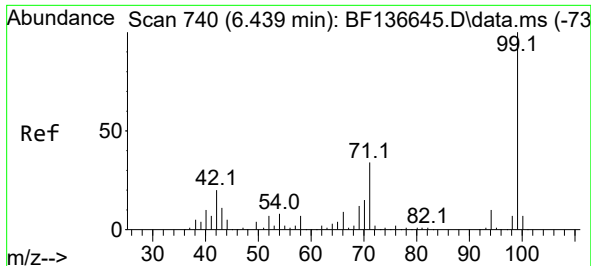
Tgt Ion:112 Resp: 60454
Ion Ratio Lower Upper
112 100
64 61.6 51.1 76.7
63 30.4 26.1 39.1



#6
Aniline
Concen: 4.864 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion: 93 Resp: 23517
Ion Ratio Lower Upper
93 100
66 72.5 34.6 51.8#
65 45.9 17.8 26.8#

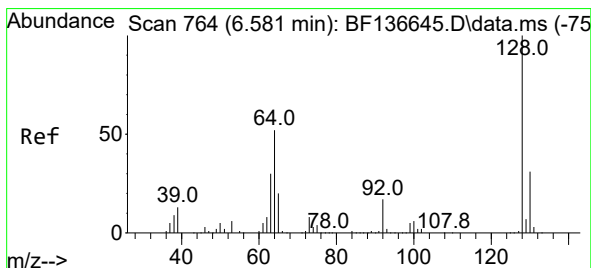
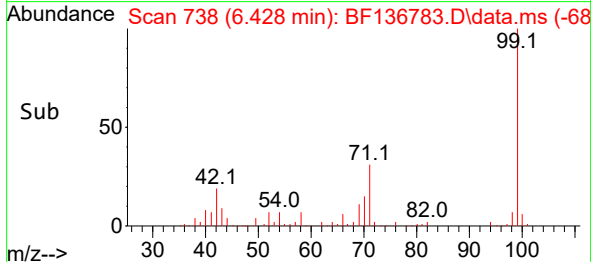
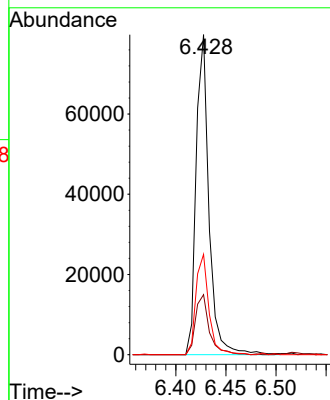
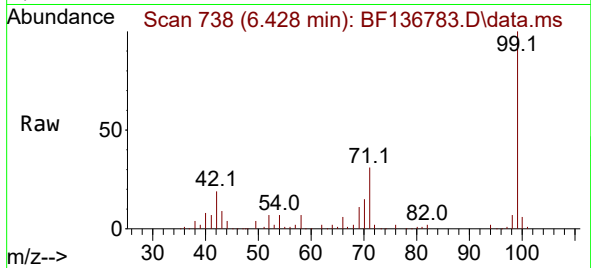




#7
Phenol-d6
Concen: 14.669 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

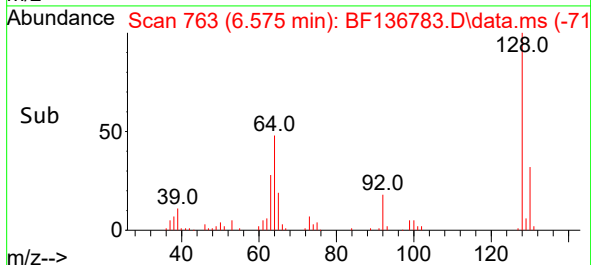
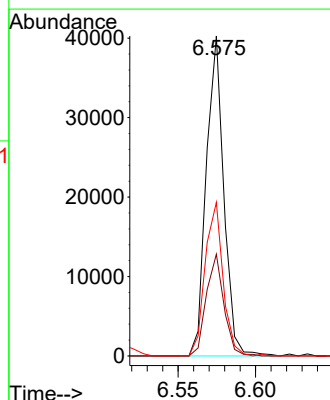
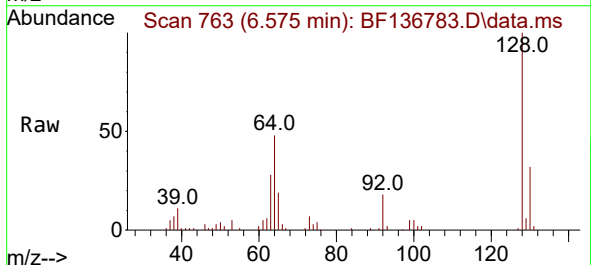
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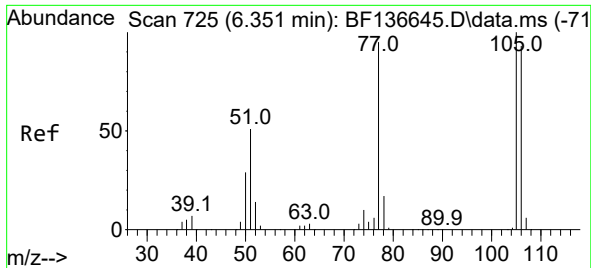
Tgt Ion: 99 Resp: 70930
Ion Ratio Lower Upper
99 100
42 18.7 16.1 24.1
71 31.4 27.4 41.2



#8
2-Chlorophenol
Concen: 7.753 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion:128 Resp: 31660
Ion Ratio Lower Upper
128 100
130 31.8 11.3 51.3
64 48.0 32.5 72.5

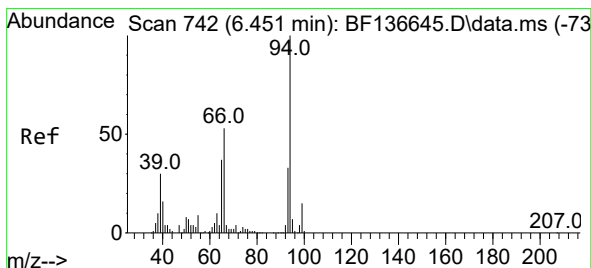
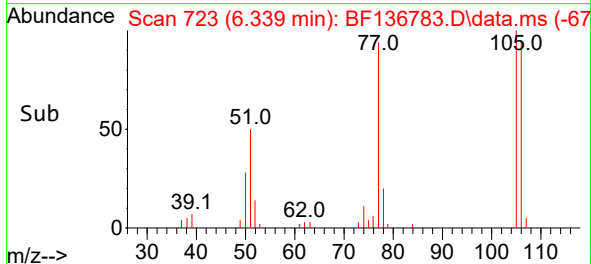
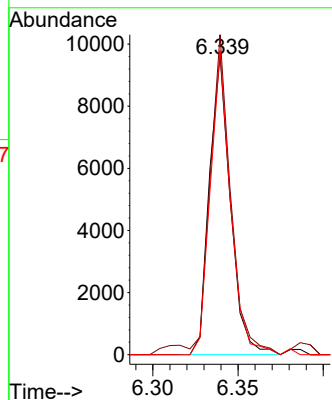
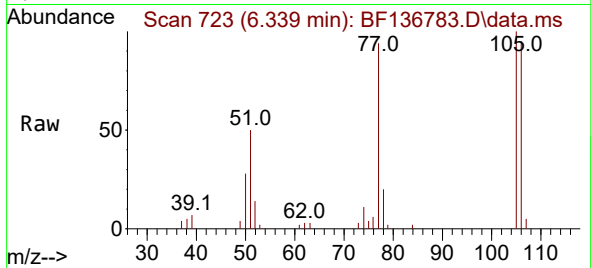




#9
Benzaldehyde
Concen: 3.003 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

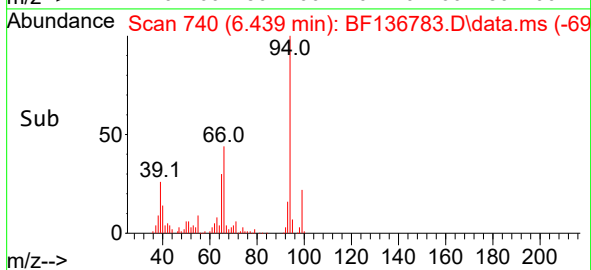
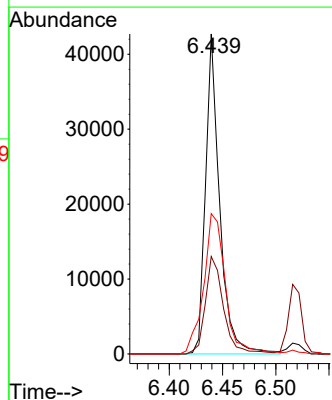
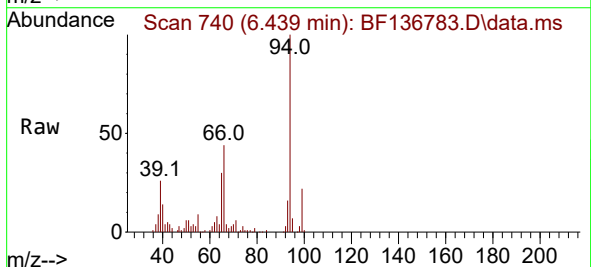
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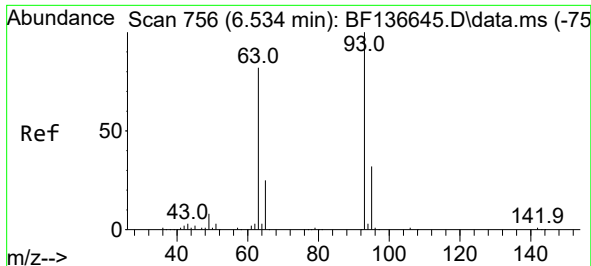
Tgt Ion:	77	Resp:	8260
Ion	Ratio	Lower	Upper
77	100		
105	106.8	84.8	124.8
106	101.6	77.8	117.8



#10
Phenol
Concen: 7.656 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion:	94	Resp:	39520
Ion	Ratio	Lower	Upper
94	100		
65	30.5	16.6	56.6
66	43.9	32.6	72.6

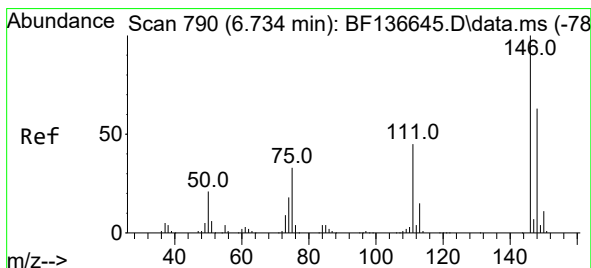
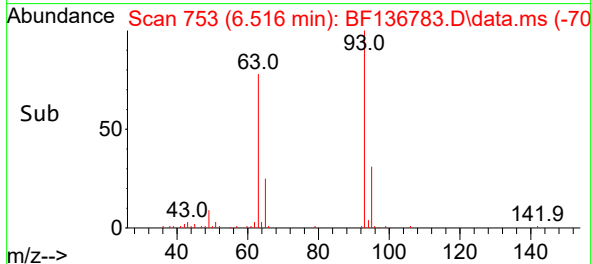
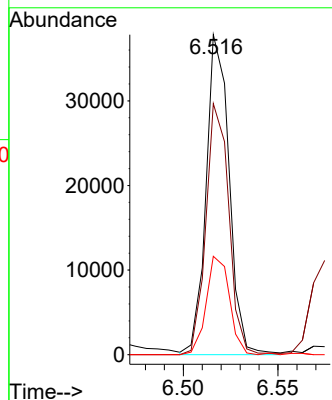
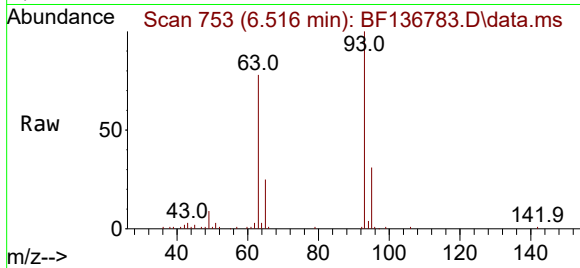




#11
bis(2-Chloroethyl)ether
Concen: 8.180 ng
RT: 6.516 min Scan# 711
Delta R.T. -0.018 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

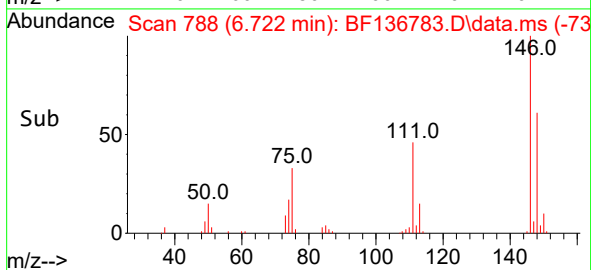
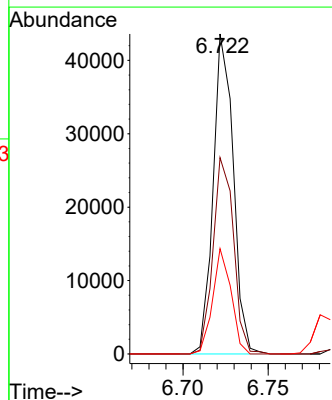
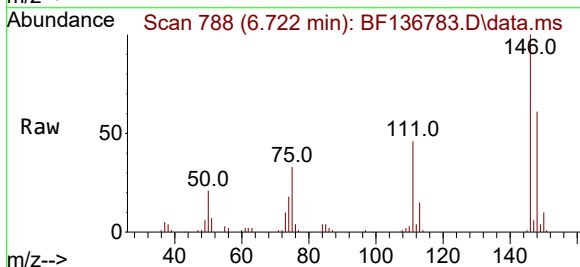
Instrument :
BNA_F
ClientSampleId :
PL-04-122023MSD

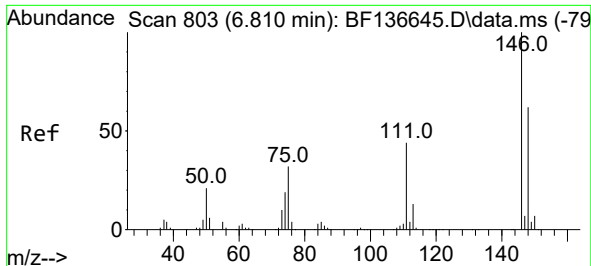
Tgt Ion: 93 Resp: 32110
Ion Ratio Lower Upper
93 100
63 78.5 61.2 101.2
95 30.7 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 8.029 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion: 146 Resp: 35767
Ion Ratio Lower Upper
146 100
148 61.4 50.5 75.7
75 32.9 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 8.192 ng

RT: 6.798 min Scan# 803

Delta R.T. -0.012 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

Instrument :

BNA_F

ClientSampleId :

PL-04-122023MSD

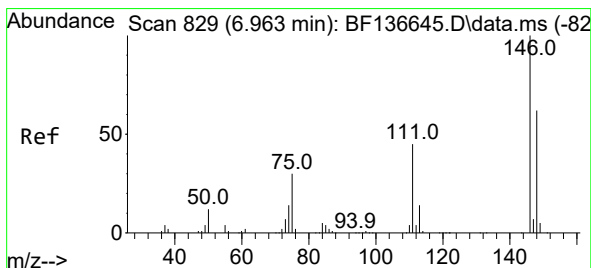
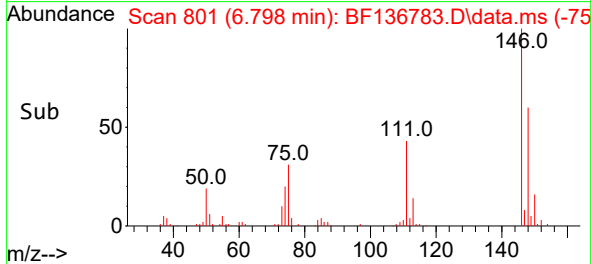
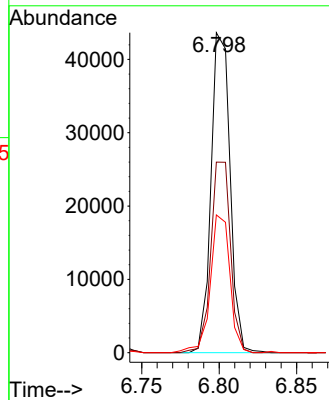
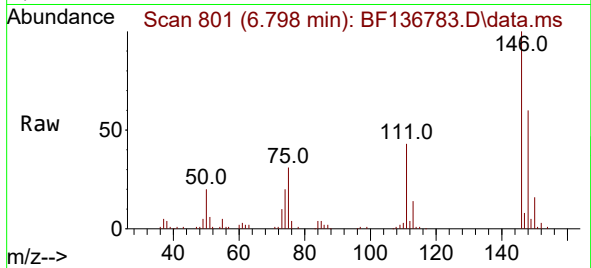
Tgt Ion:146 Resp: 37291

Ion Ratio Lower Upper

146 100

148 59.6 49.2 73.8

111 43.1 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 8.053 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

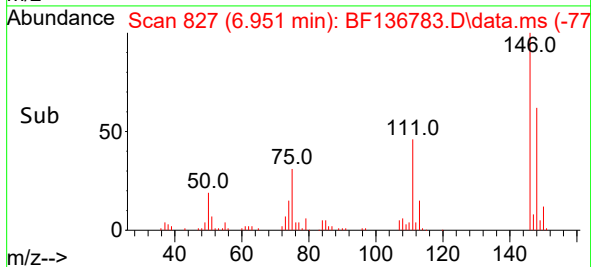
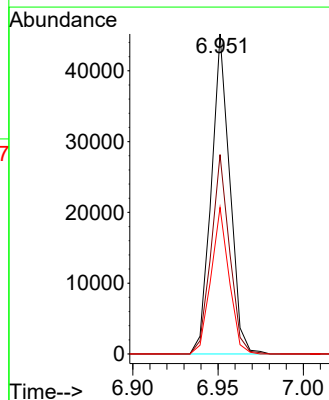
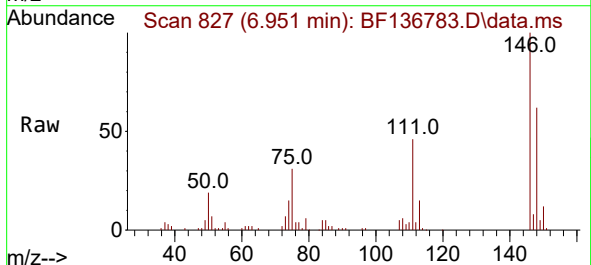
Tgt Ion:146 Resp: 34110

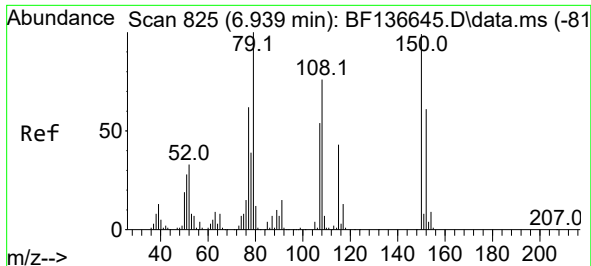
Ion Ratio Lower Upper

146 100

148 62.3 49.6 74.4

111 45.8 36.2 54.2

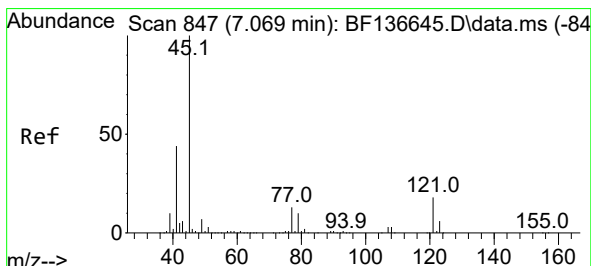
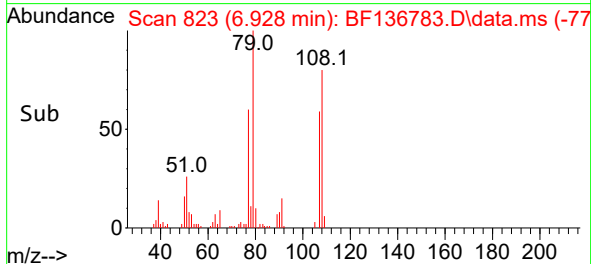
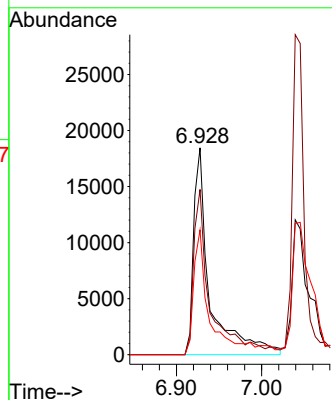
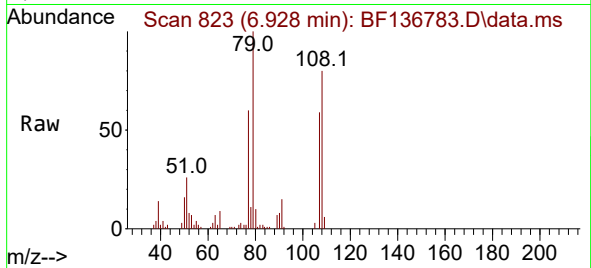




#15
Benzyl Alcohol
Concen: 7.493 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

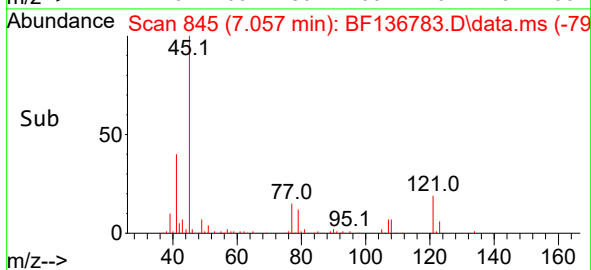
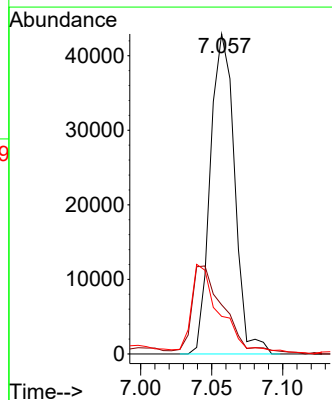
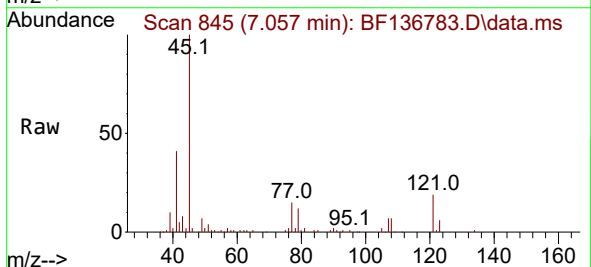
Instrument :
BNA_F
ClientSampleId :
PL-04-122023MSD

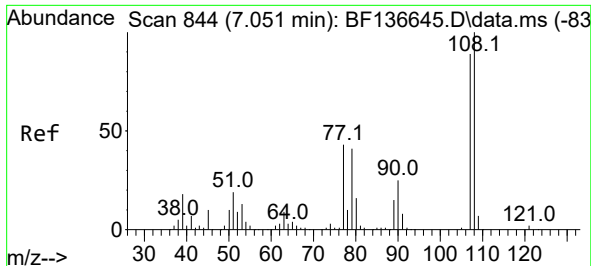
Tgt Ion: 79 Resp: 24444
Ion Ratio Lower Upper
79 100
108 79.9 61.0 91.6
77 60.3 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.939 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion: 45 Resp: 50953
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.3
79 11.7 0.0 31.4

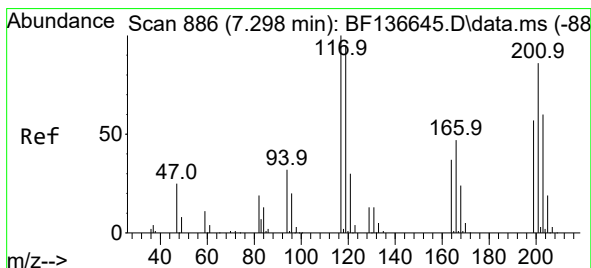
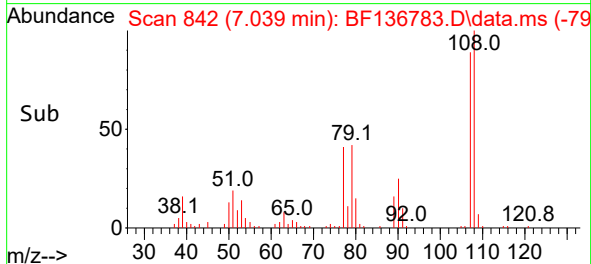
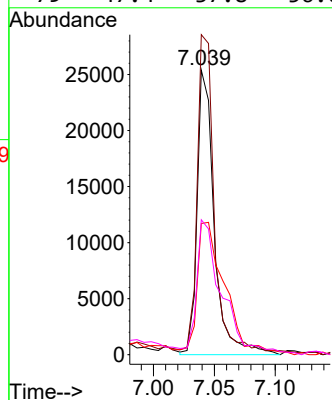
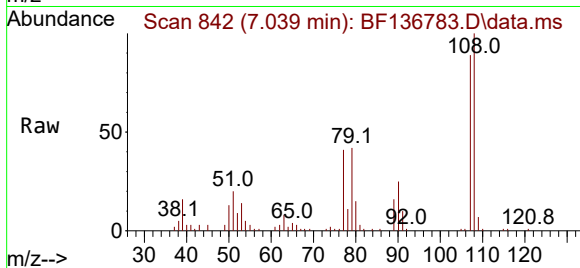




#17
2-Methylphenol
Concen: 7.339 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

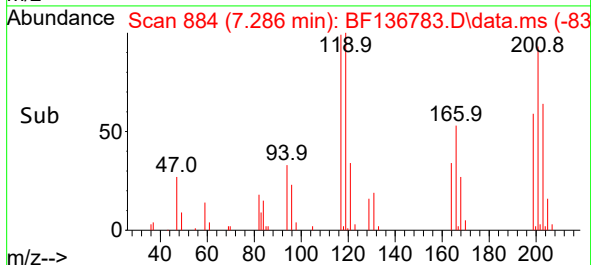
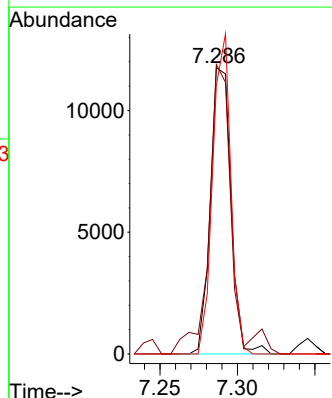
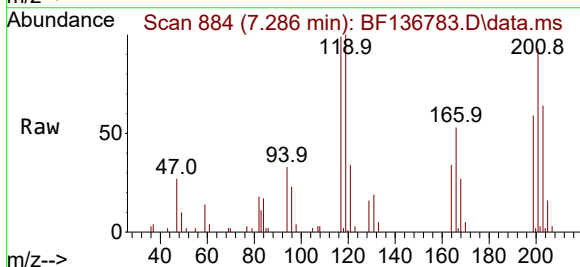
Instrument :
BNA_F
ClientSampleId :
PL-04-122023MSD

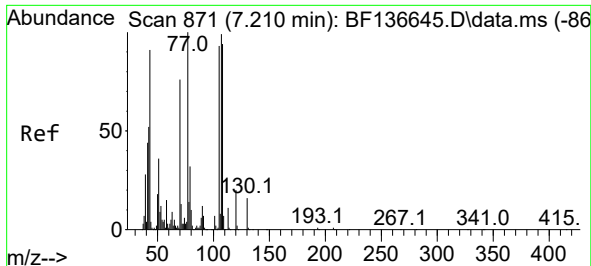
Tgt Ion:107 Resp: 24829
Ion Ratio Lower Upper
107 100
108 112.5 90.3 135.5
77 46.1 38.7 58.1
79 47.4 37.8 56.6



#18
Hexachloroethane
Concen: 6.596 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion:117 Resp: 10904
Ion Ratio Lower Upper
117 100
119 101.1 75.8 113.6
201 97.3 69.1 103.7

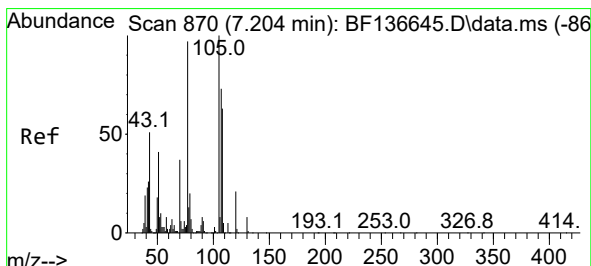
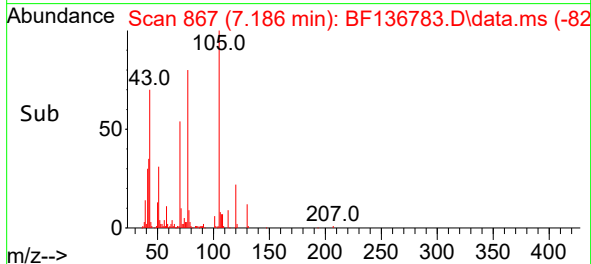
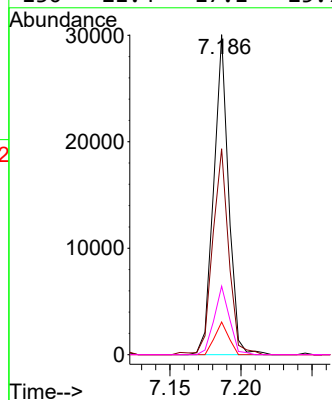
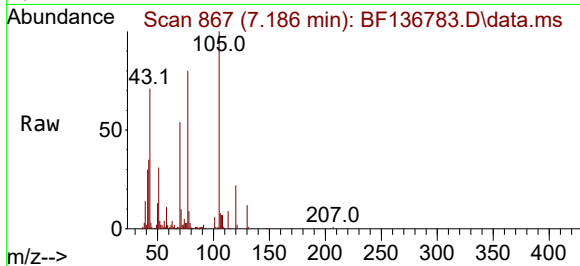




#19
n-Nitroso-di-n-propylamine
Concen: 7.452 ng
RT: 7.186 min Scan# 80
Delta R.T. -0.024 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

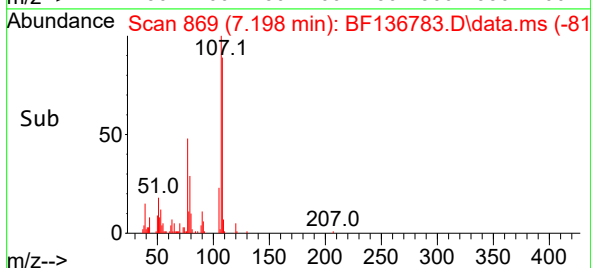
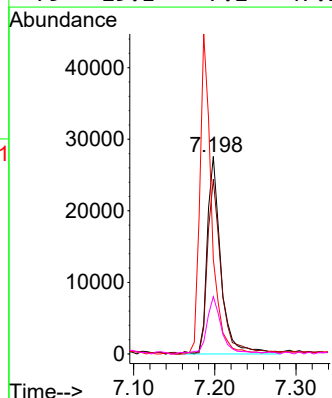
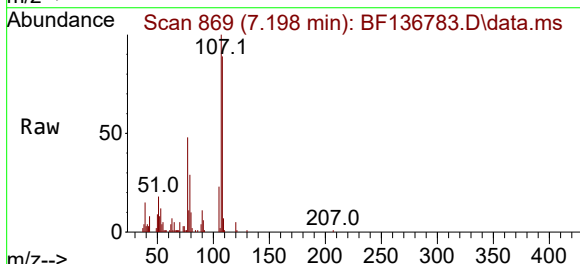
Instrument :
BNA_F
ClientSampleId :
PL-04-122023MSD

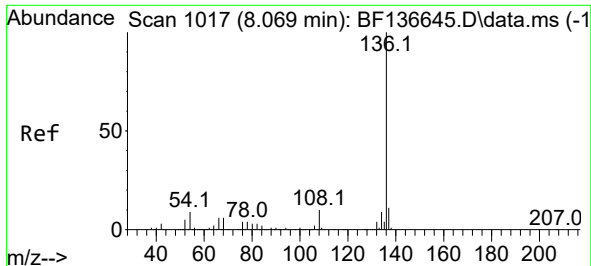
Tgt Ion:	70	Resp:	21843
Ion Ratio	Lower	Upper	
70	100		
42	64.3	54.2	81.4
101	10.2	7.6	11.4
130	21.4	17.1	25.7



#20
3+4-Methylphenols
Concen: 7.639 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion:	107	Resp:	32288
Ion Ratio	Lower	Upper	
107	100		
108	88.5	66.0	106.0
77	48.0	114.2	154.2#
79	29.1	7.2	47.2

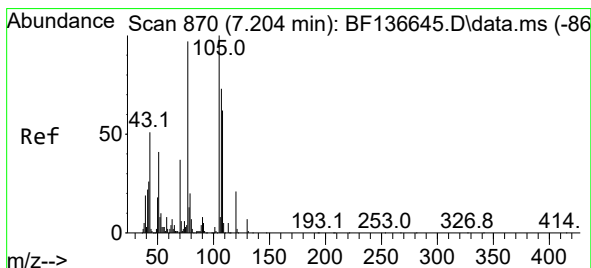
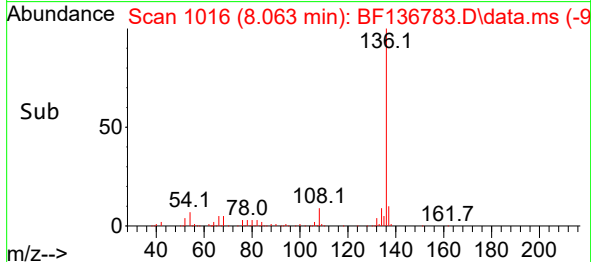
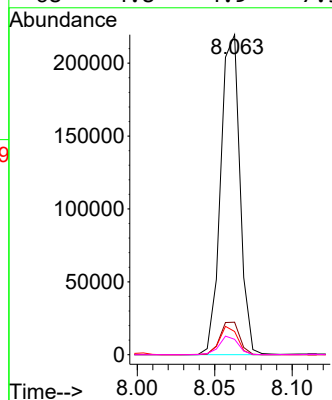
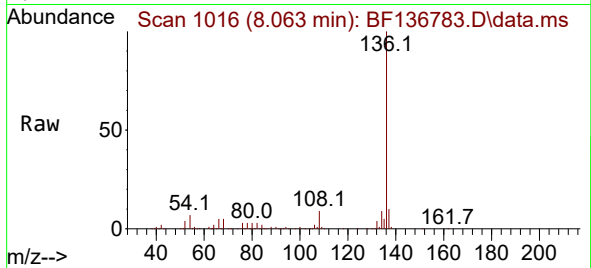




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

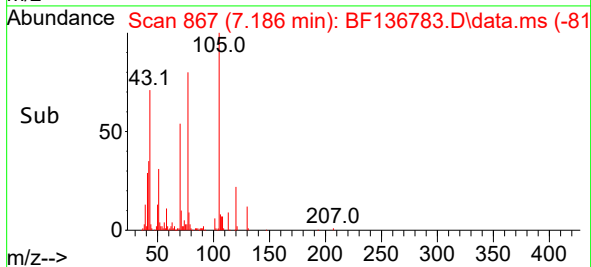
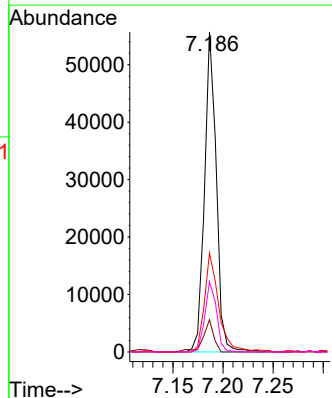
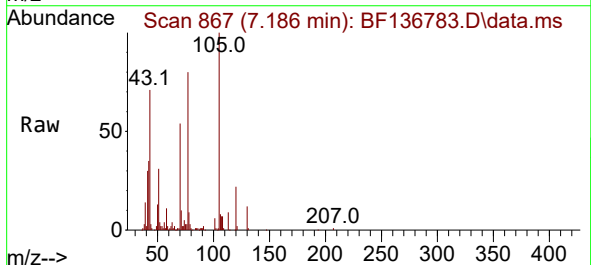
Instrument :
BNA_F
ClientSampleId :
PL-04-122023MSD

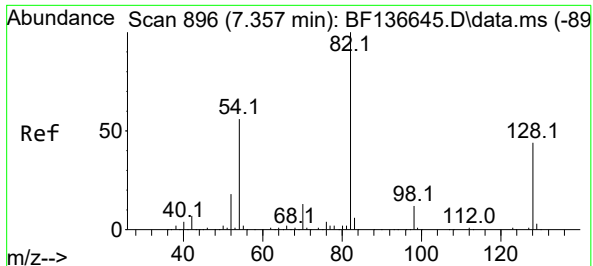
Tgt Ion:136 Resp: 189768
Ion Ratio Lower Upper
136 100
137 10.2 9.0 13.4
54 7.3 7.2 10.8
68 4.8 4.9 7.3#



#22
Acetophenone
Concen: 9.629 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion:105 Resp: 45800
Ion Ratio Lower Upper
105 100
71 10.0 4.8 7.2#
51 30.9 32.8 49.2#
120 22.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 11.388 ng

RT: 7.339 min Scan# 893

Delta R.T. -0.018 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

Instrument :

BNA_F

ClientSampleId :

PL-04-122023MSD

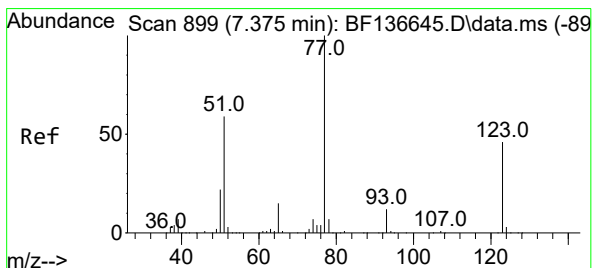
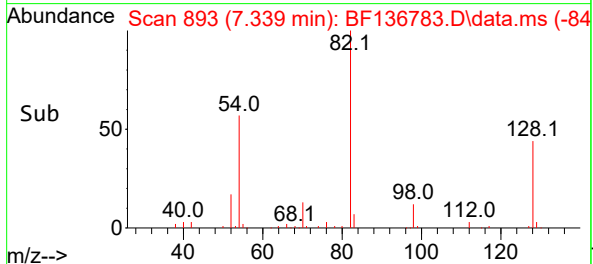
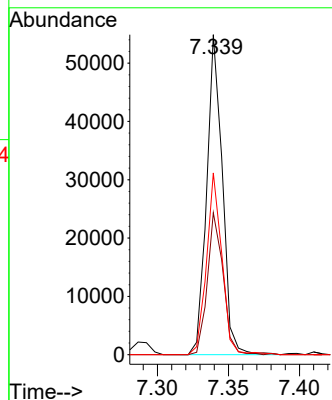
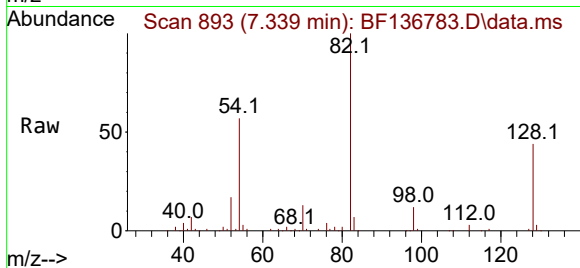
Tgt Ion: 82 Resp: 42232

Ion Ratio Lower Upper

82 100

128 44.3 35.3 52.9

54 56.8 44.5 66.7



#24

Nitrobenzene

Concen: 8.309 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.018 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

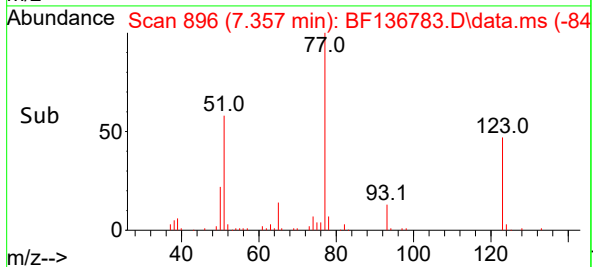
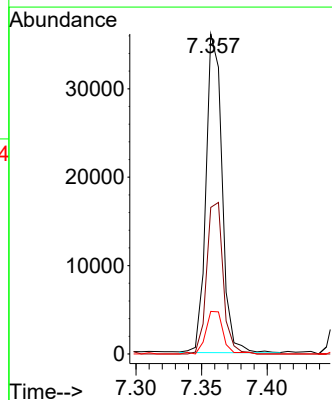
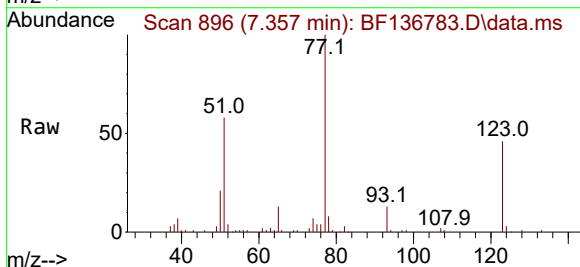
Tgt Ion: 77 Resp: 30868

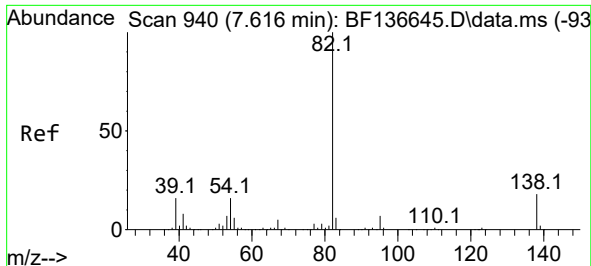
Ion Ratio Lower Upper

77 100

123 45.8 36.7 55.1

65 13.3 11.8 17.6

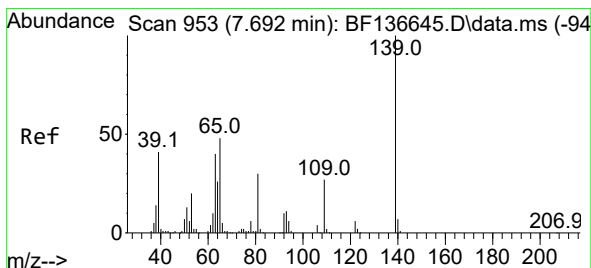
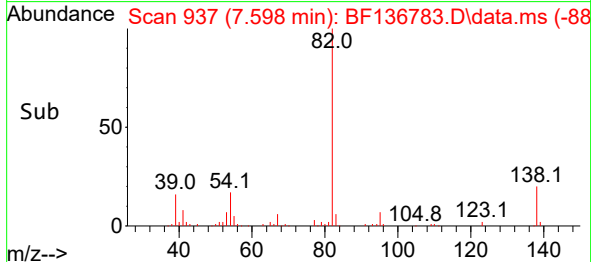
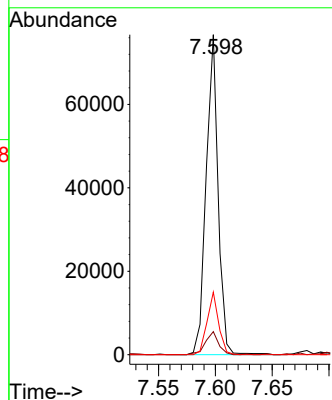
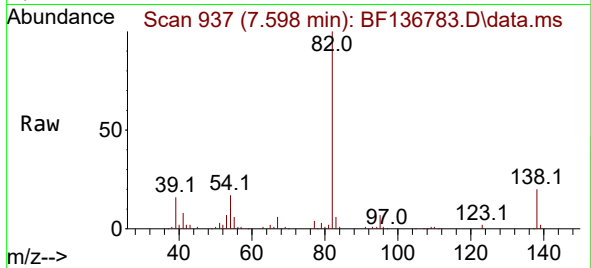




#25
Isophorone
Concen: 8.310 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

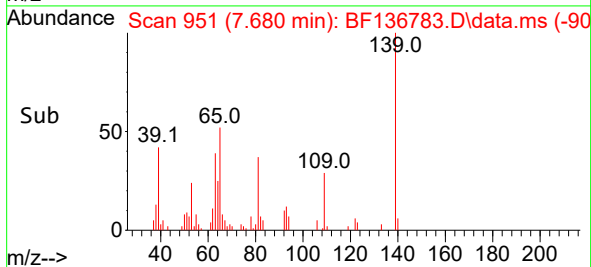
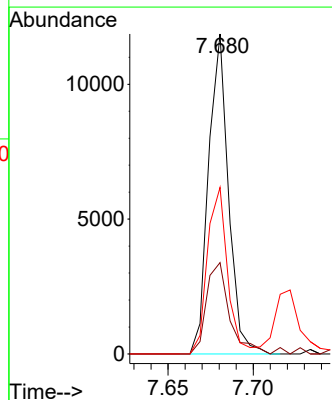
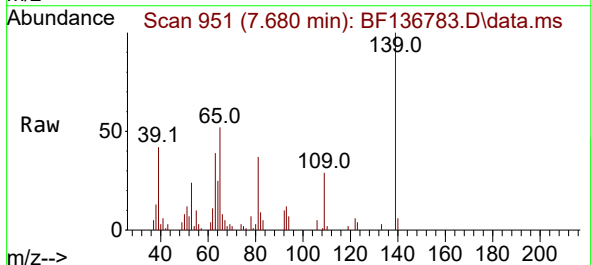
Instrument :
BNA_F
ClientSampleId :
PL-04-122023MSD

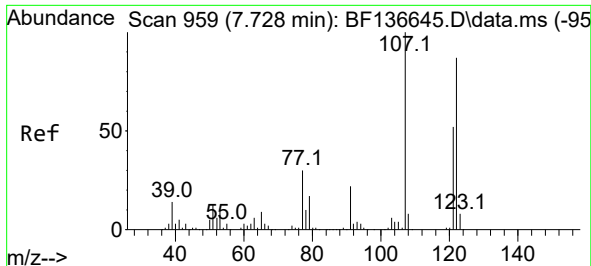
Tgt Ion: 82 Resp: 56074
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 19.6 14.5 21.7



#26
2-Nitrophenol
Concen: 5.408 ng
RT: 7.680 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion: 139 Resp: 9613
Ion Ratio Lower Upper
139 100
109 28.6 21.9 32.9
65 52.0 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 10.481 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

Instrument :

BNA_F

ClientSampleId :

PL-04-122023MSD

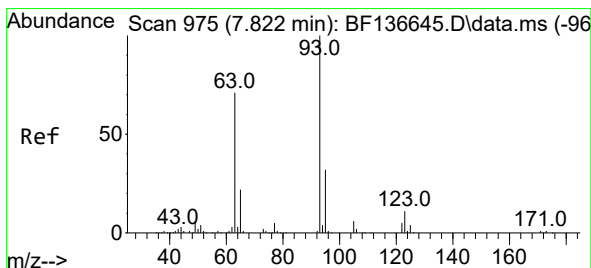
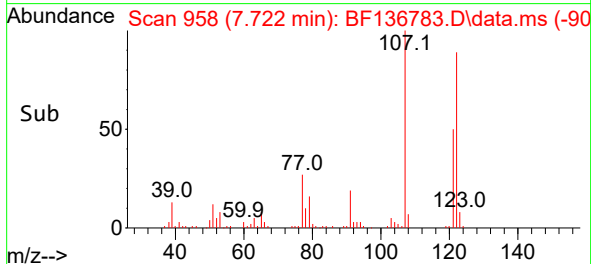
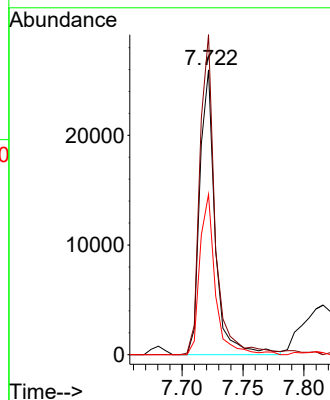
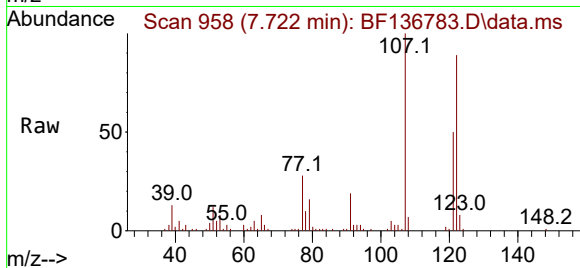
Tgt Ion:122 Resp: 22680

Ion Ratio Lower Upper

122 100

107 112.4 92.0 138.0

121 56.3 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 8.736 ng

RT: 7.810 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

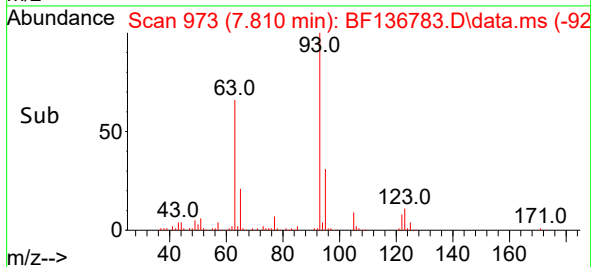
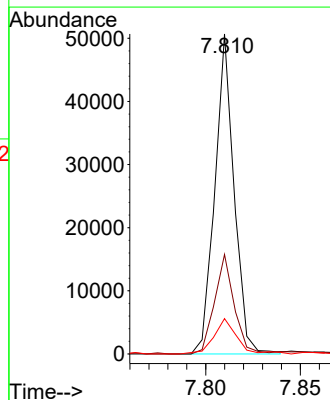
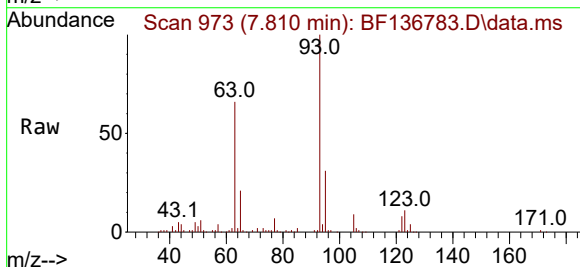
Tgt Ion: 93 Resp: 35833

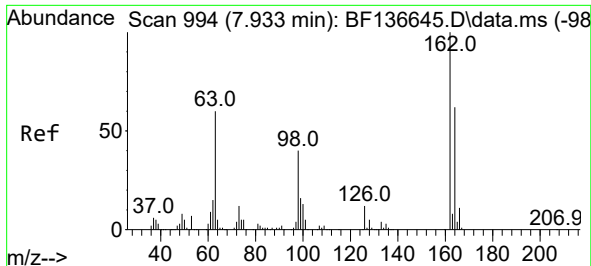
Ion Ratio Lower Upper

93 100

95 31.1 25.5 38.3

123 11.1 9.2 13.8

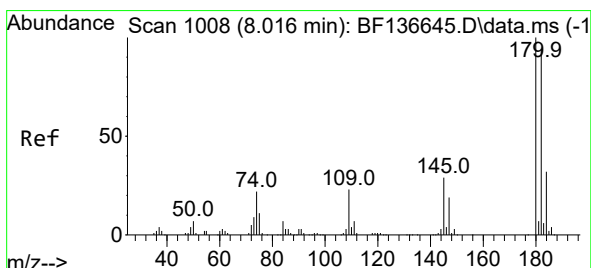
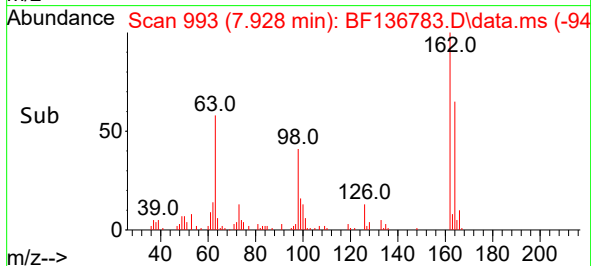
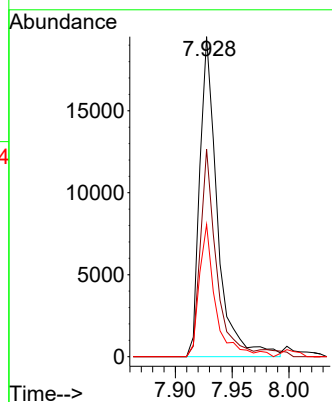
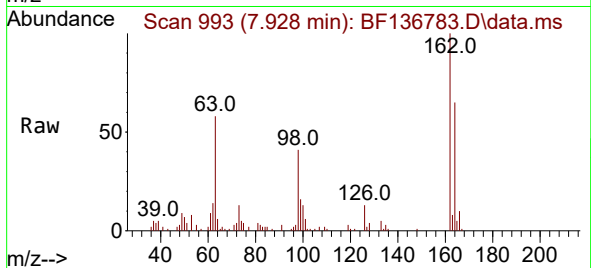




#29
2,4-Dichlorophenol
Concen: 7.522 ng
RT: 7.928 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

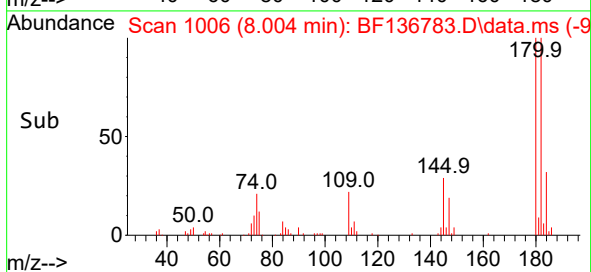
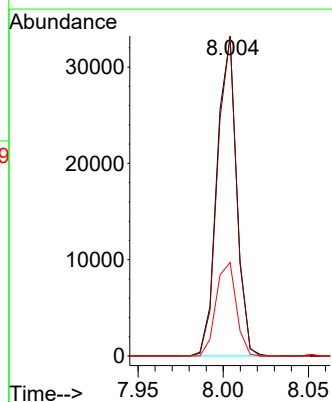
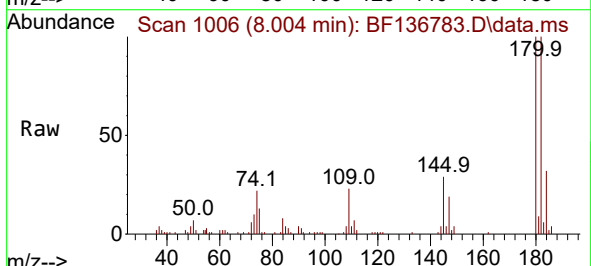
Instrument :
BNA_F
ClientSampleId :
PL-04-122023MSD

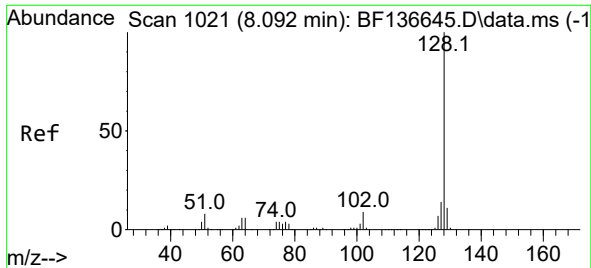
Tgt Ion:162	Resp:	20955
Ion Ratio	Lower	Upper
162	100	
164	64.8	41.7 81.7
98	41.3	19.5 59.5



#30
1,2,4-Trichlorobenzene
Concen: 8.525 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion:180	Resp:	26462
Ion Ratio	Lower	Upper
180	100	
182	100.3	75.4 113.0
145	29.3	23.1 34.7

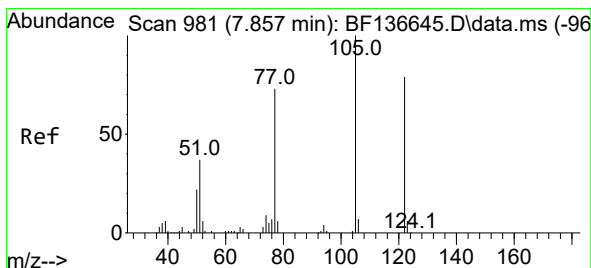
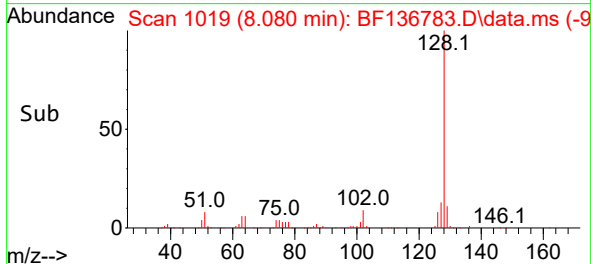
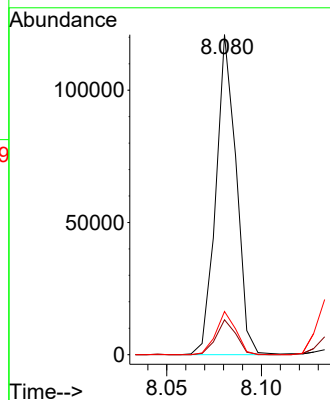
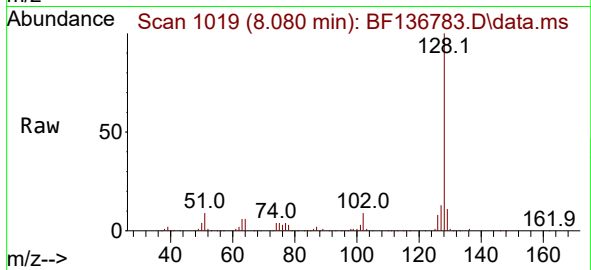




#31
Naphthalene
Concen: 8.651 ng
RT: 8.080 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

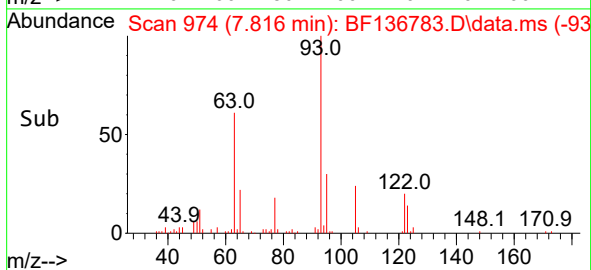
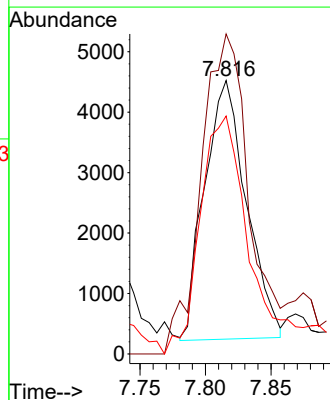
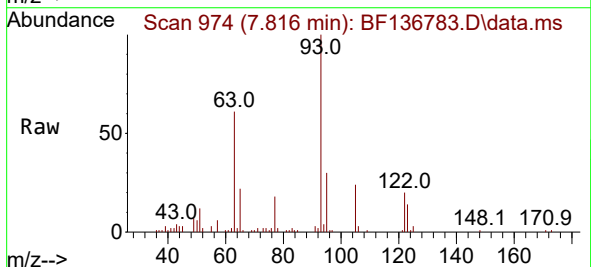
Instrument :
BNA_F
ClientSampleId :
PL-04-122023MSD

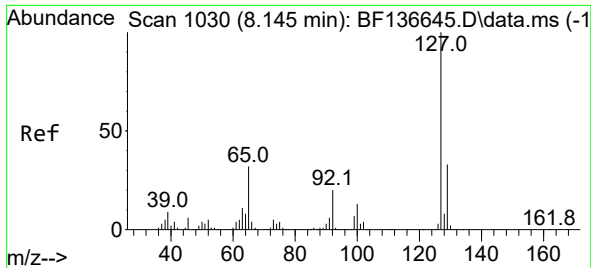
Tgt Ion:128 Resp: 90185
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 4.550 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.041 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion:122 Resp: 9526
Ion Ratio Lower Upper
122 100
105 117.0 100.8 140.8
77 87.0 70.9 110.9

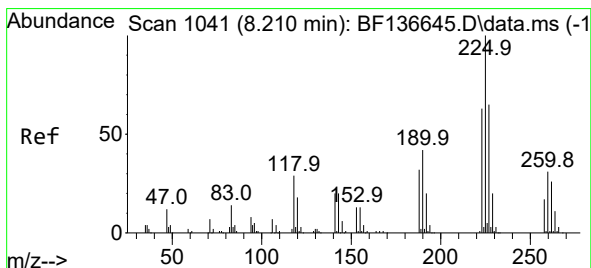
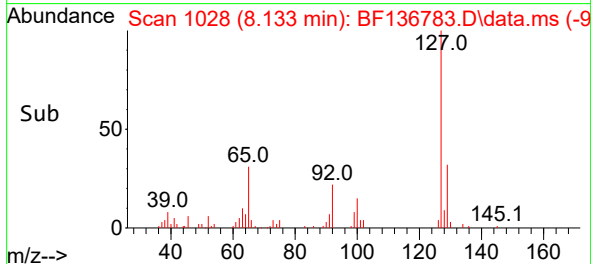
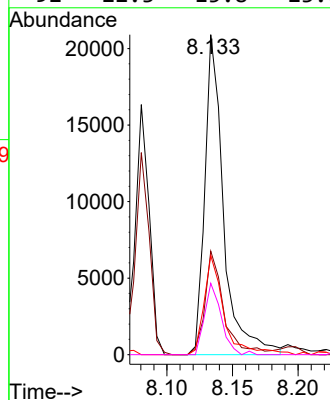
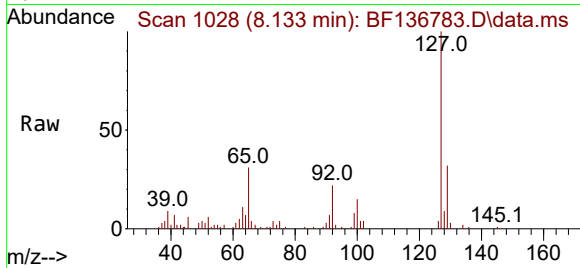




#33
4-Chloroaniline
Concen: 5.424 ng
RT: 8.133 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

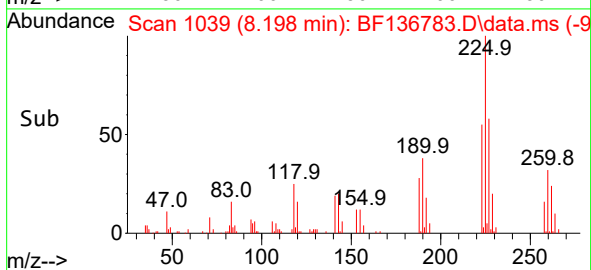
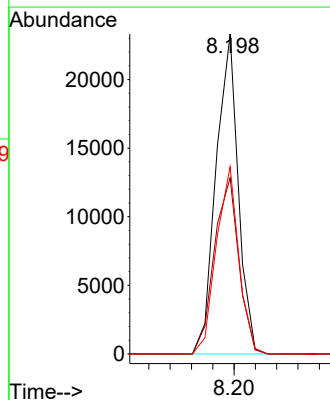
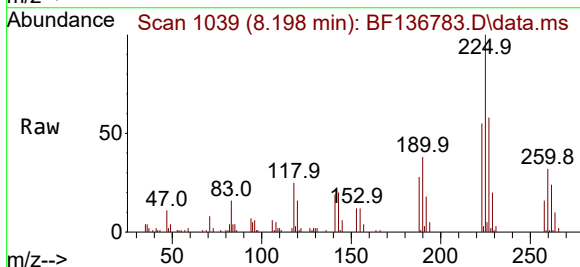
Instrument :
BNA_F
ClientSampleId :
PL-04-122023MSD

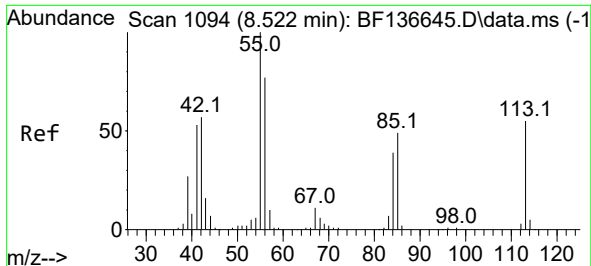
Tgt Ion:	127	Resp:	20877
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	31.0	25.8	38.8
92	22.3	15.8	23.6



#34
Hexachlorobutadiene
Concen: 8.920 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion:	225	Resp:	16821
Ion	Ratio	Lower	Upper
225	100		
223	55.1	50.6	76.0
227	58.5	51.9	77.9

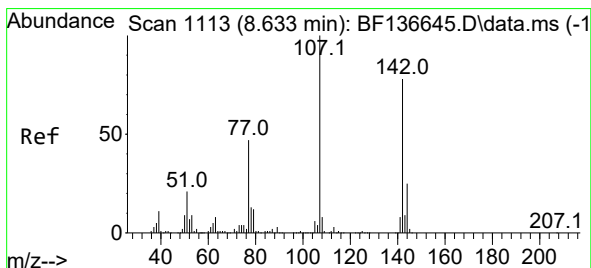
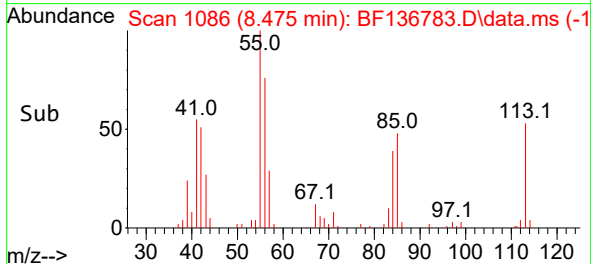
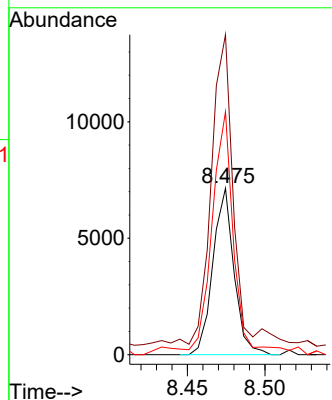
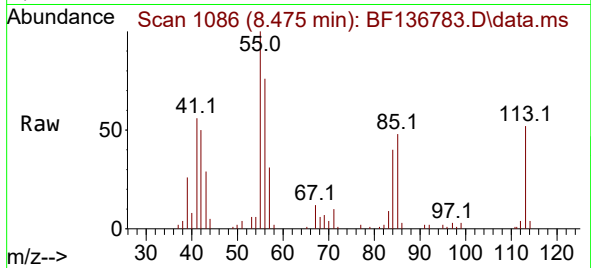




#35
 Caprolactam
 Concen: 7.360 ng
 RT: 8.475 min Scan# 1086
 Delta R.T. -0.047 min
 Lab File: BF136783.D
 Acq: 28 Dec 2023 04:11

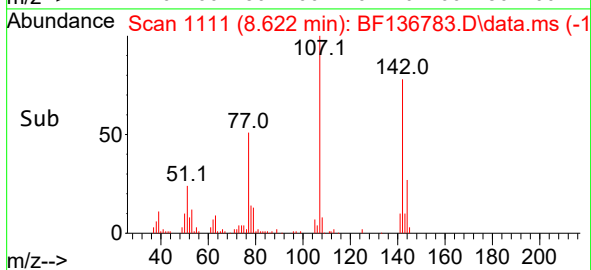
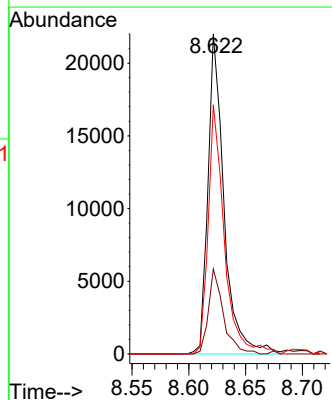
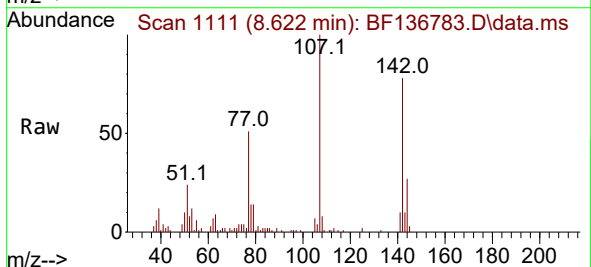
Instrument :
 BNA_F
 ClientSampleId :
 PL-04-122023MSD

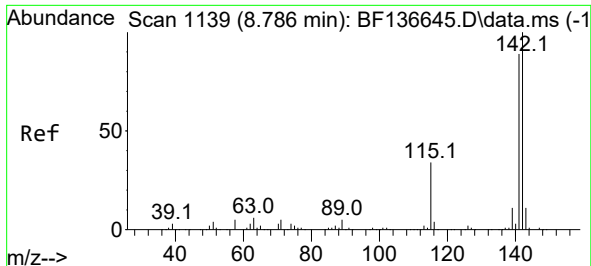
Tgt Ion:113 Resp: 6764
 Ion Ratio Lower Upper
 113 100
 55 192.3 163.1 203.1
 56 146.0 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 6.895 ng
 RT: 8.622 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF136783.D
 Acq: 28 Dec 2023 04:11

Tgt Ion:107 Resp: 21623
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.2 30.2
 142 77.9 62.3 93.5

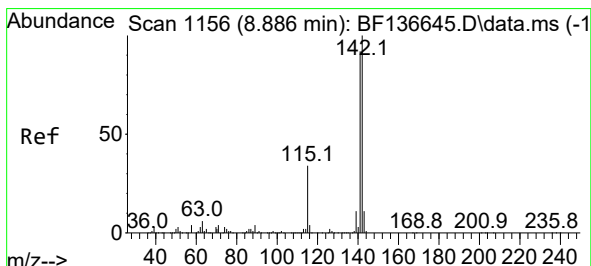
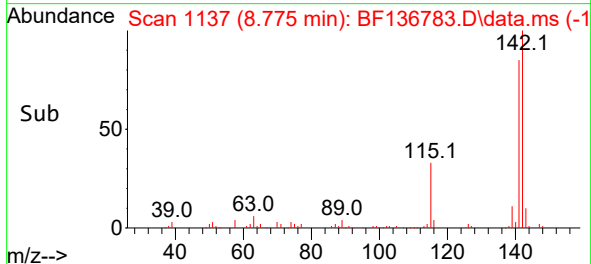
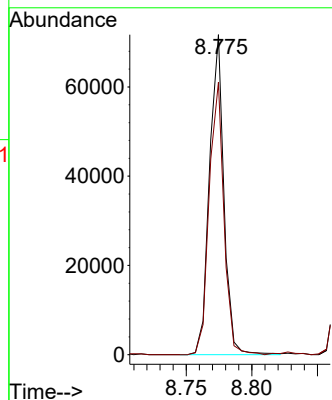
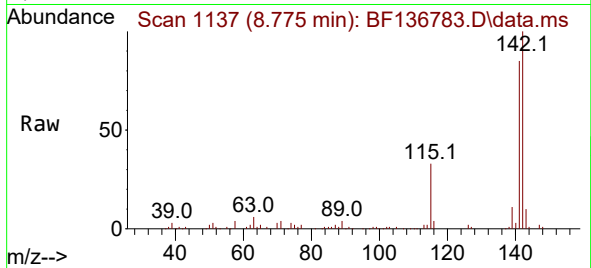




#37
2-Methylnaphthalene
Concen: 8.163 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

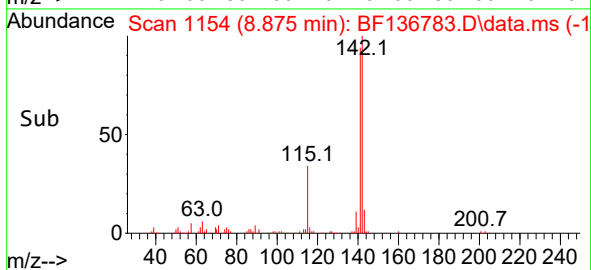
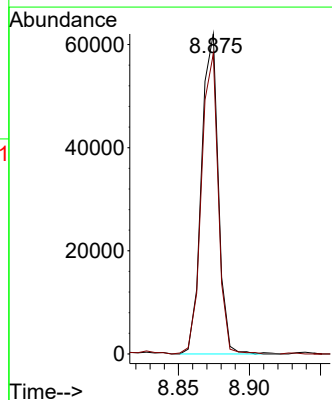
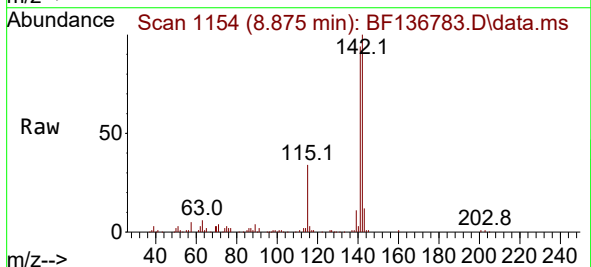
Instrument :
BNA_F
ClientSampleId :
PL-04-122023MSD

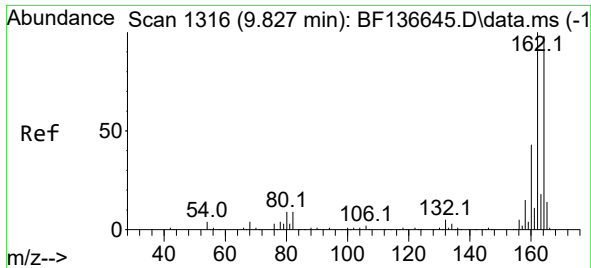
Tgt Ion:142 Resp: 54769
Ion Ratio Lower Upper
142 100
141 85.2 71.1 106.7



#38
1-Methylnaphthalene
Concen: 7.827 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion:142 Resp: 51519
Ion Ratio Lower Upper
142 100
141 93.8 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136783.D

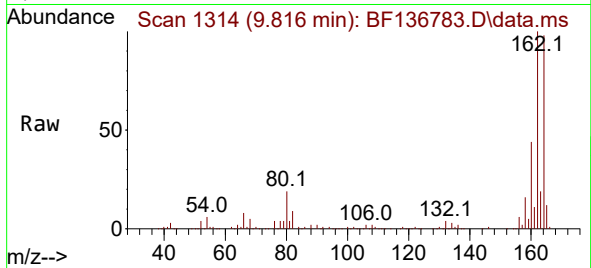
Acq: 28 Dec 2023 04:11

Instrument :

BNA_F

ClientSampleId :

PL-04-122023MSD



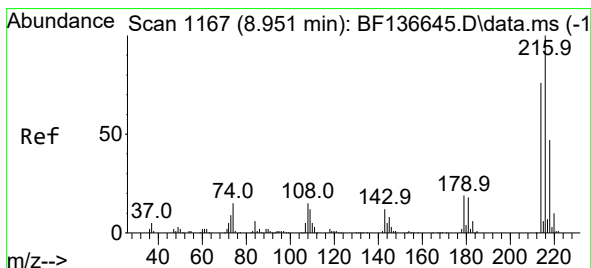
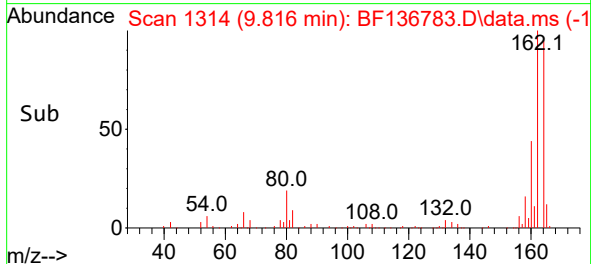
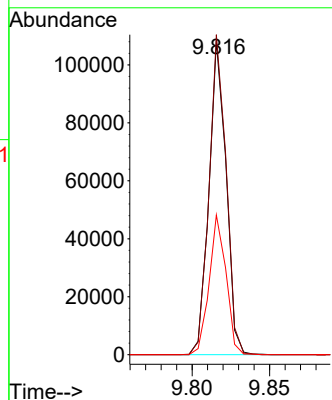
Tgt Ion:164 Resp: 83061

Ion Ratio Lower Upper

164 100

162 102.1 81.6 122.4

160 44.6 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.601 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

Tgt Ion:216 Resp: 24698

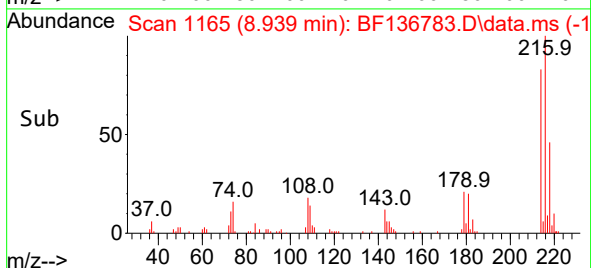
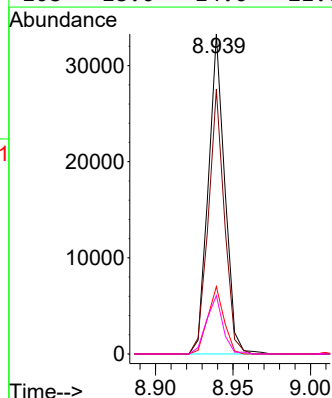
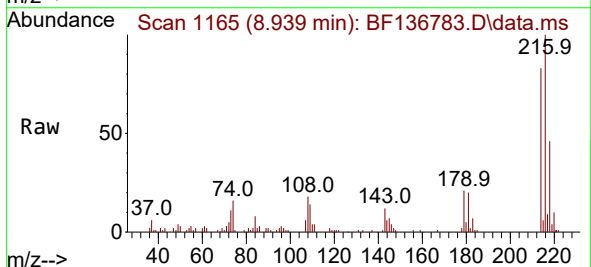
Ion Ratio Lower Upper

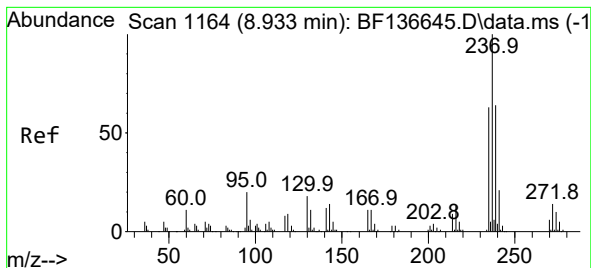
216 100

214 80.4 62.3 93.5

179 20.5 16.4 24.6

108 18.0 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 5.140 ng

RT: 8.922 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

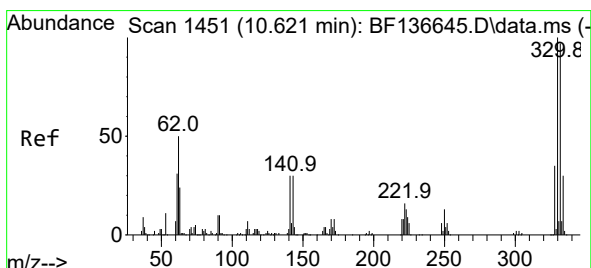
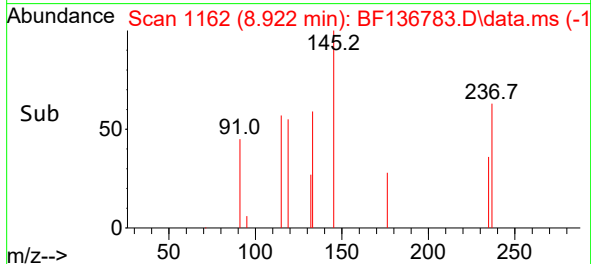
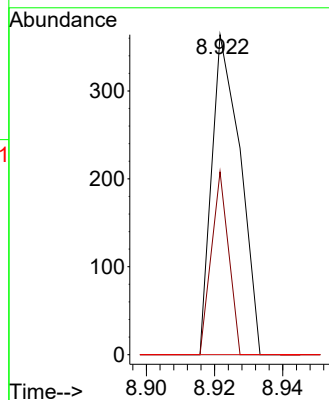
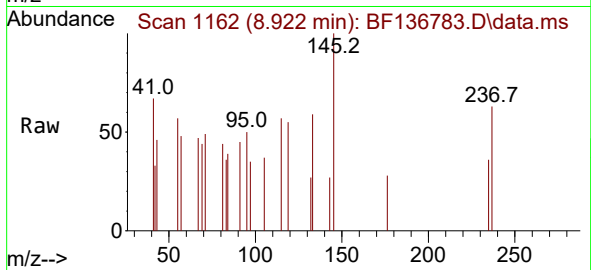
Instrument :

BNA_F

ClientSampleId :

PL-04-122023MSD

Tgt Ion:237	Resp:	211
Ion Ratio	Lower	Upper
237	100	
235	57.1	43.2 83.2
272	0.0	0.0 34.2



#42

2,4,6-Tribromophenol

Concen: 16.750 ng

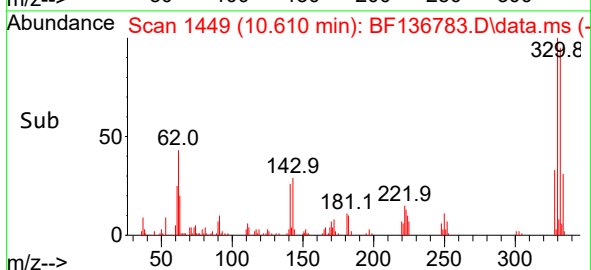
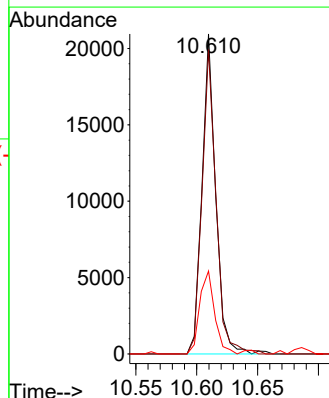
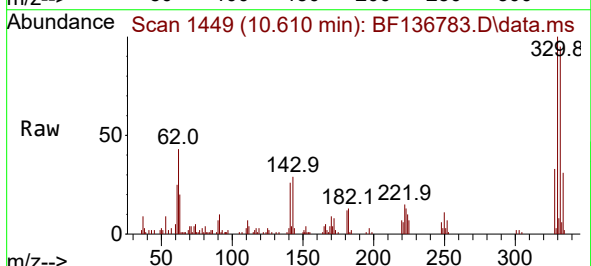
RT: 10.610 min Scan# 1449

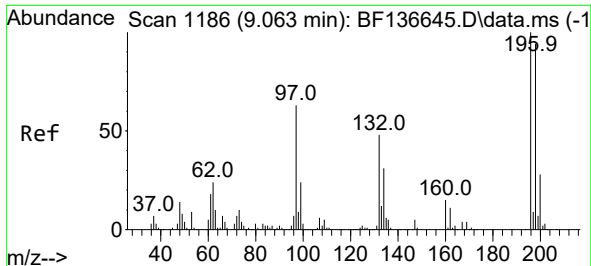
Delta R.T. -0.012 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

Tgt Ion:330	Resp:	16385
Ion Ratio	Lower	Upper
330	100	
332	97.5	77.4 116.0
141	28.2	23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 8.480 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

Instrument :

BNA_F

ClientSampleId :

PL-04-122023MSD

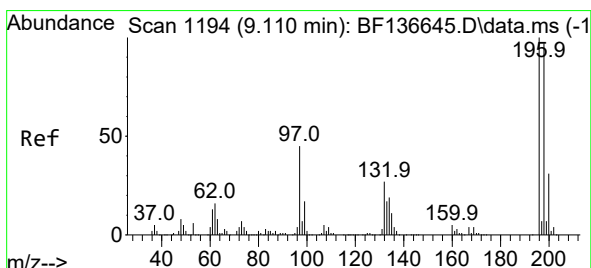
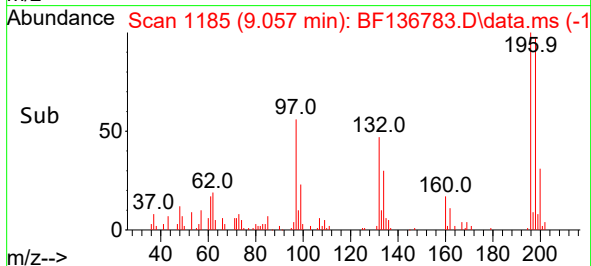
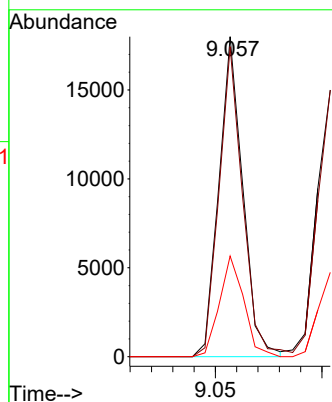
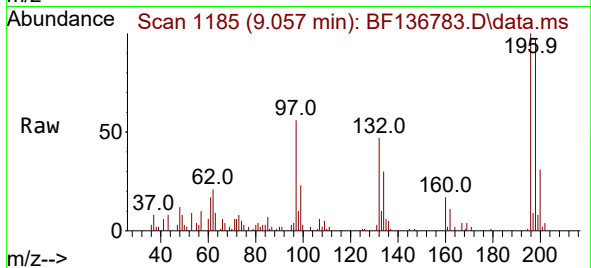
Tgt Ion:196 Resp: 13989

Ion Ratio Lower Upper

196 100

198 96.9 75.1 112.7

200 31.5 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 8.462 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

Tgt Ion:196 Resp: 15556

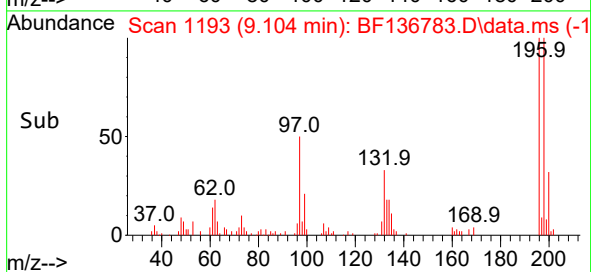
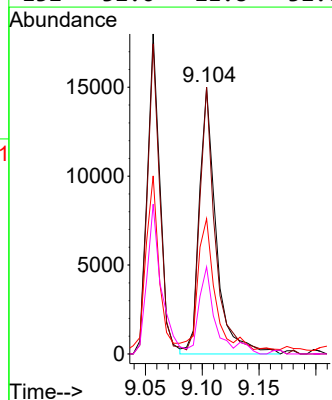
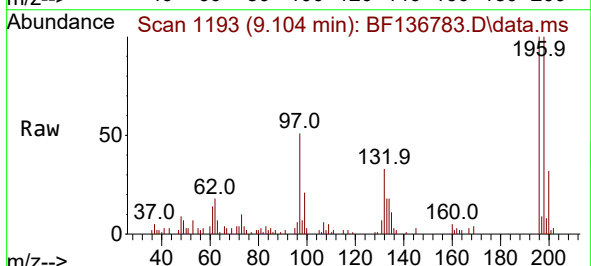
Ion Ratio Lower Upper

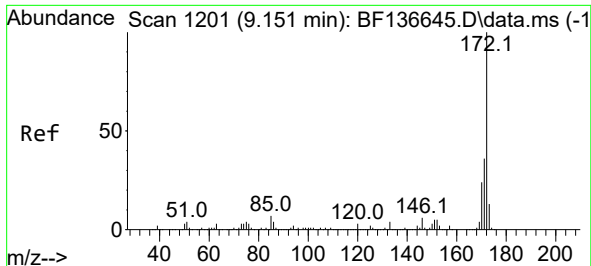
196 100

198 100.0 77.0 115.6

97 50.7 36.1 54.1

132 32.6 21.8 32.6

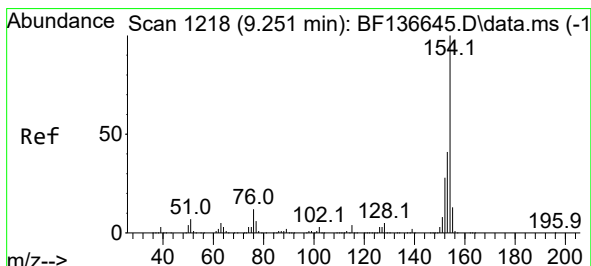
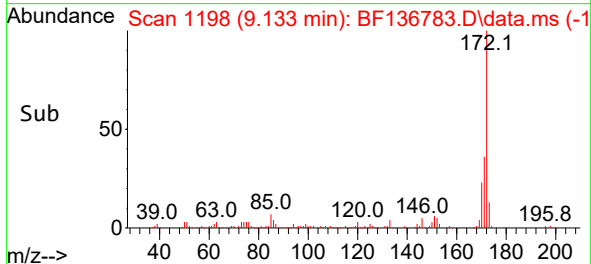
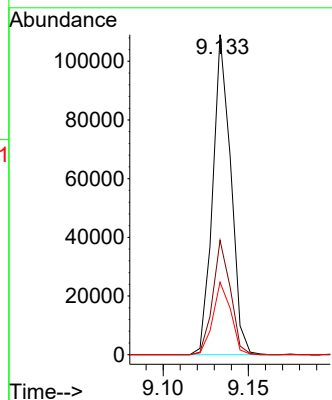
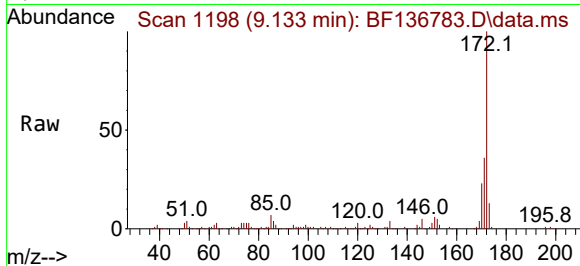




#45
2-Fluorobiphenyl
Concen: 12.964 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

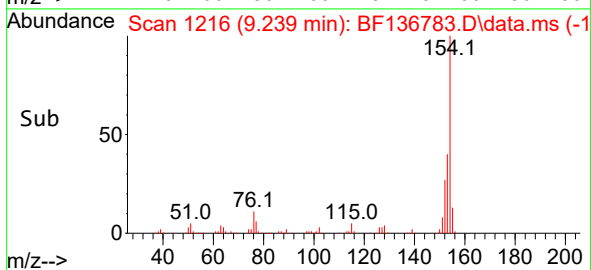
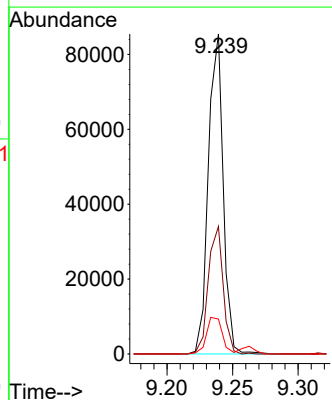
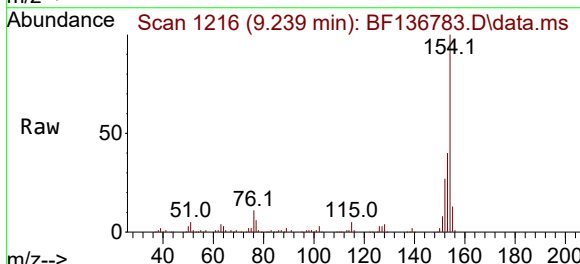
Instrument :
BNA_F
ClientSampleId :
PL-04-122023MSD

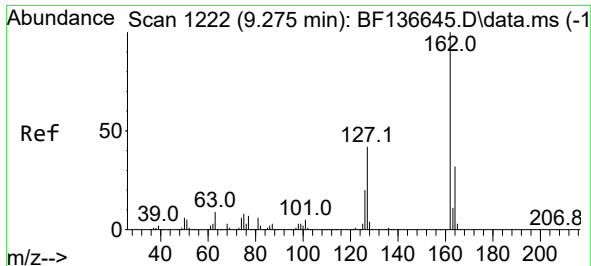
Tgt Ion:172 Resp: 80062
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 22.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 9.687 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion:154 Resp: 67516
Ion Ratio Lower Upper
154 100
153 39.8 21.1 61.1
76 10.9 0.0 31.7





#47

2-Chloronaphthalene

Concen: 8.859 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.012 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

Instrument :

BNA_F

ClientSampleId :

PL-04-122023MSD

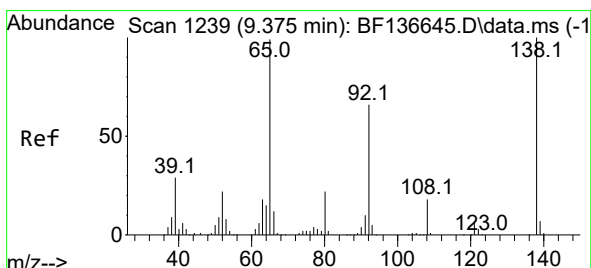
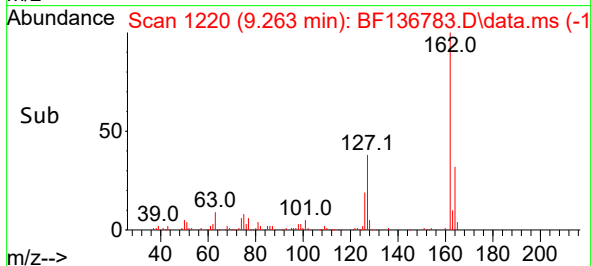
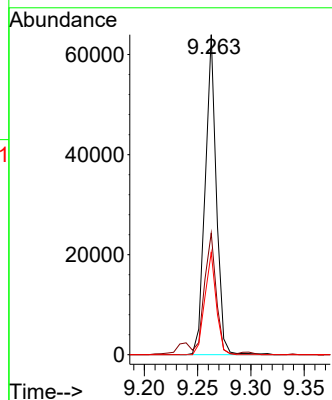
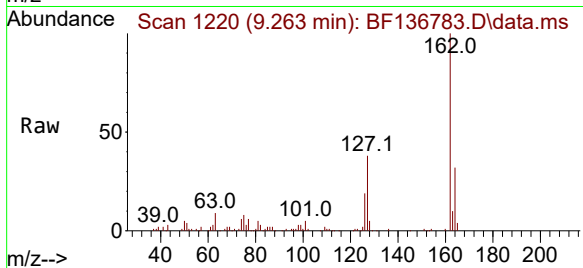
Tgt Ion:162 Resp: 46941

Ion Ratio Lower Upper

162 100

127 38.0 33.6 50.4

164 32.0 25.7 38.5



#48

2-Nitroaniline

Concen: 9.418 ng

RT: 9.363 min Scan# 1237

Delta R.T. -0.012 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

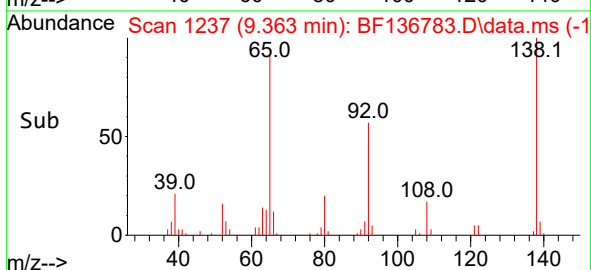
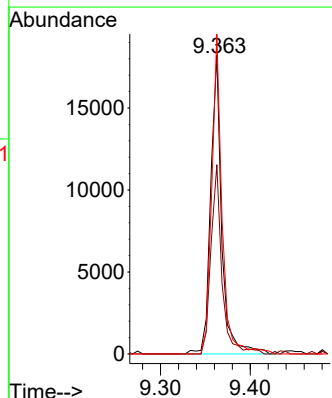
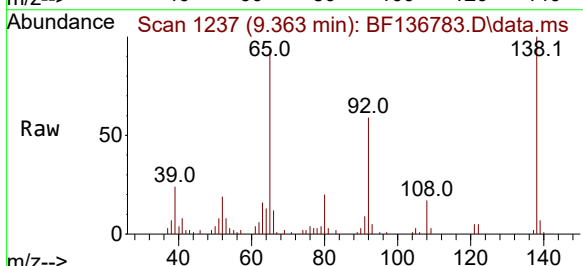
Tgt Ion: 65 Resp: 15627

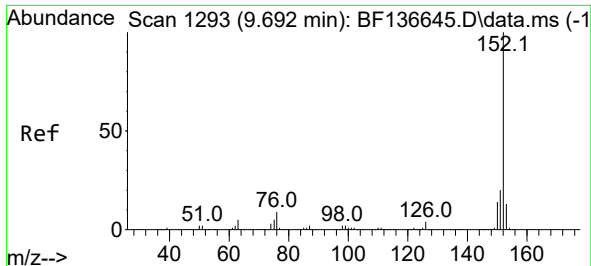
Ion Ratio Lower Upper

65 100

92 63.3 53.2 79.8

138 107.0 81.1 121.7





#49

Acenaphthylene

Concen: 10.459 ng

RT: 9.674 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

Instrument :

BNA_F

ClientSampleId :

PL-04-122023MSD

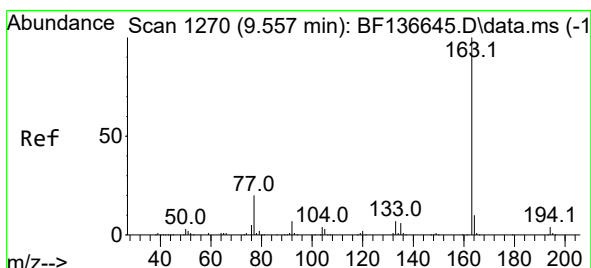
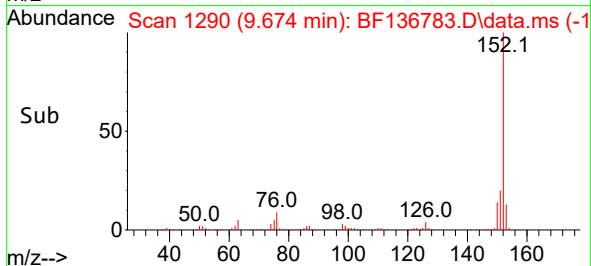
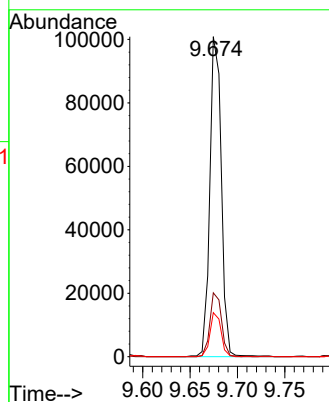
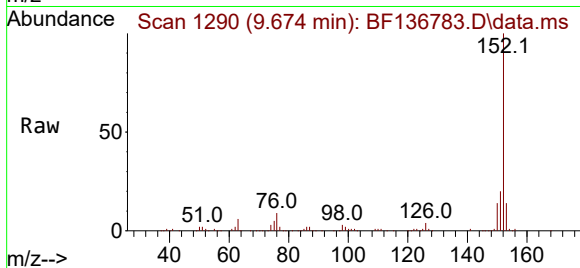
Tgt Ion:152 Resp: 84708

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

153 13.8 10.2 15.2



#50

Dimethylphthalate

Concen: 9.057 ng

RT: 9.533 min Scan# 1266

Delta R.T. -0.024 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

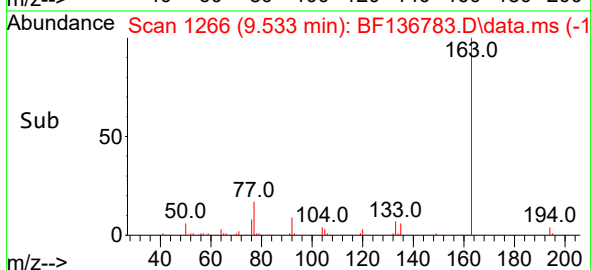
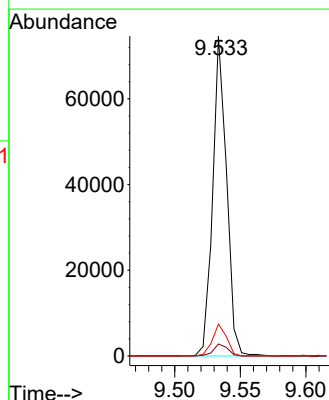
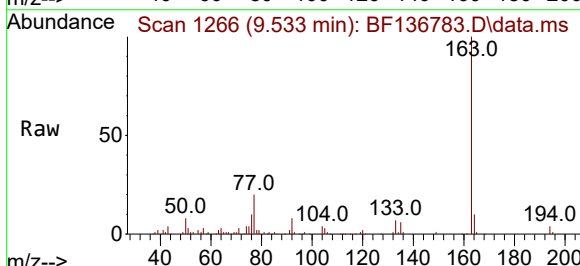
Tgt Ion:163 Resp: 54948

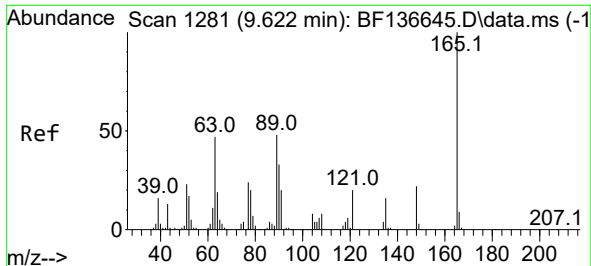
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.0 7.8 11.6

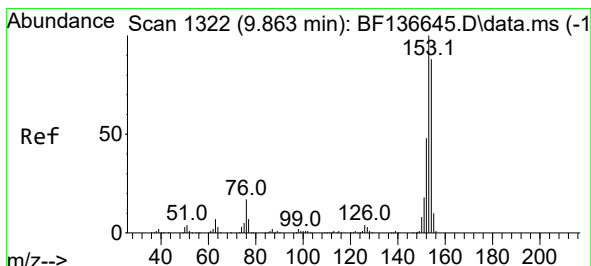
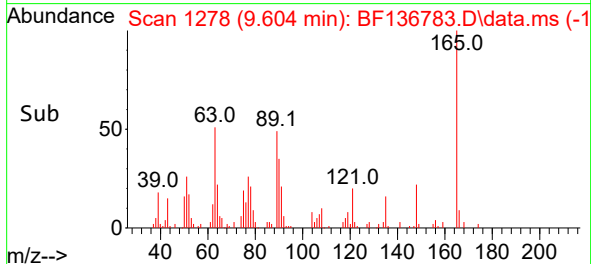
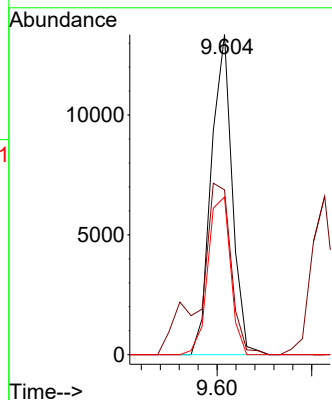
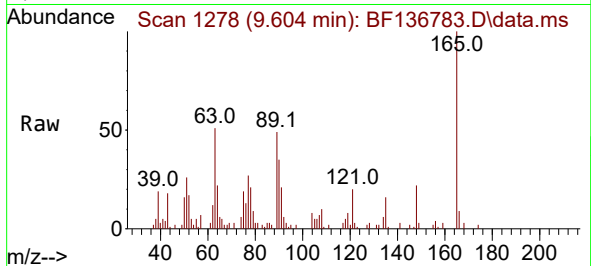




#51
2,6-Dinitrotoluene
Concen: 7.435 ng
RT: 9.604 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

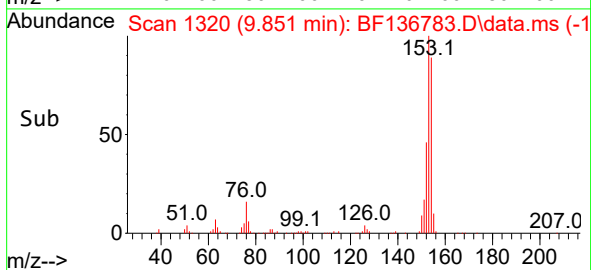
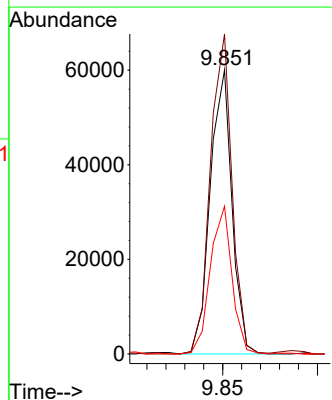
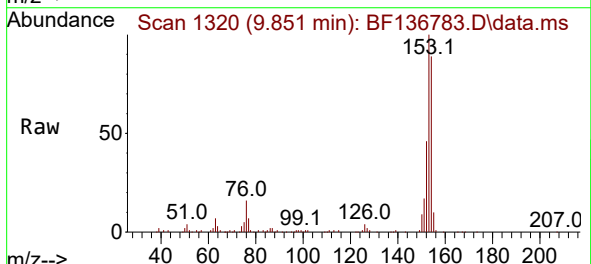
Instrument :
BNA_F
ClientSampleId :
PL-04-122023MSD

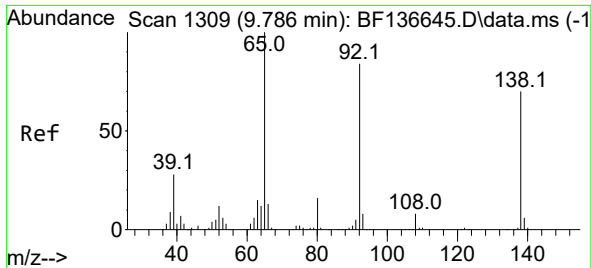
Tgt Ion:165 Resp: 10238
Ion Ratio Lower Upper
165 100
63 51.5 39.8 59.6
89 49.3 38.8 58.2



#52
Acenaphthene
Concen: 9.562 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion:154 Resp: 48008
Ion Ratio Lower Upper
154 100
153 112.7 90.7 136.1
152 52.0 43.7 65.5

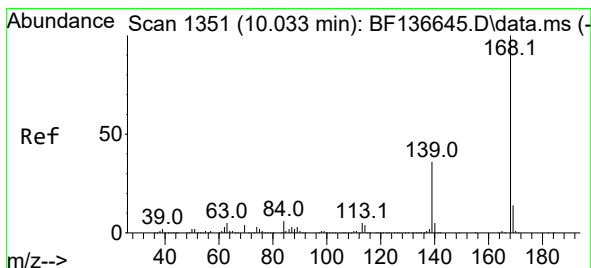
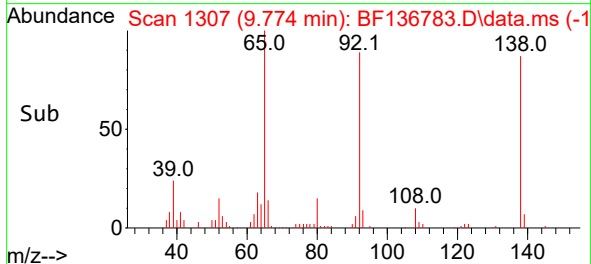
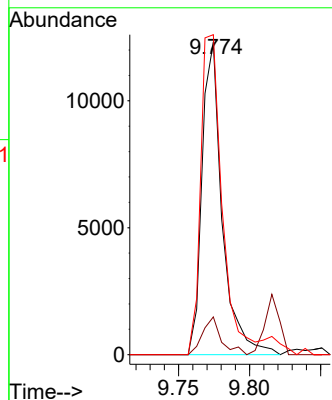
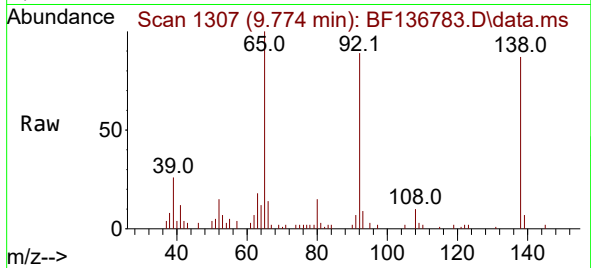




#53
3-Nitroaniline
Concen: 8.355 ng
RT: 9.774 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

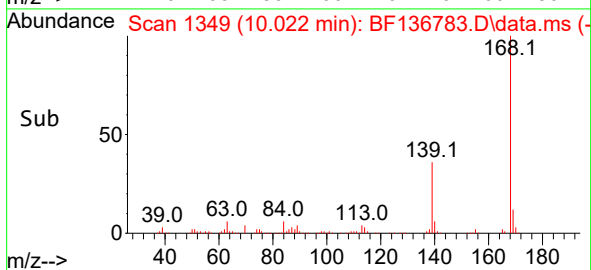
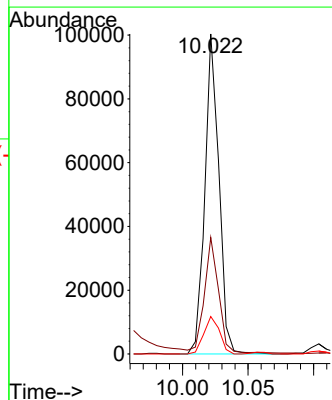
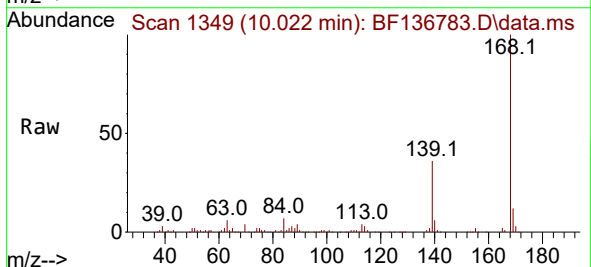
Instrument :
BNA_F
ClientSampleId :
PL-04-122023MSD

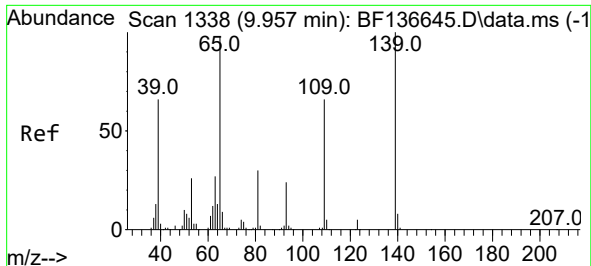
Tgt Ion:138 Resp: 12186
Ion Ratio Lower Upper
138 100
108 12.1 8.6 12.8
92 102.5 95.2 142.8



#55
Dibenzofuran
Concen: 9.849 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion:168 Resp: 74954
Ion Ratio Lower Upper
168 100
139 36.4 29.3 43.9
169 11.7 11.0 16.4

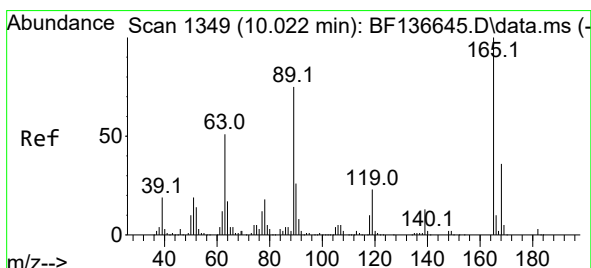
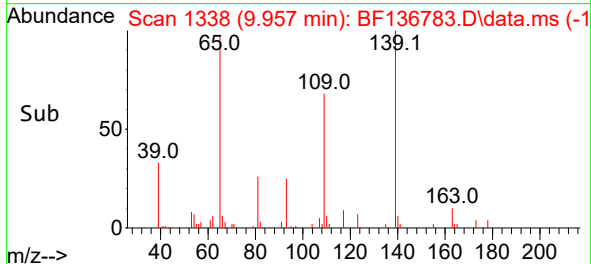
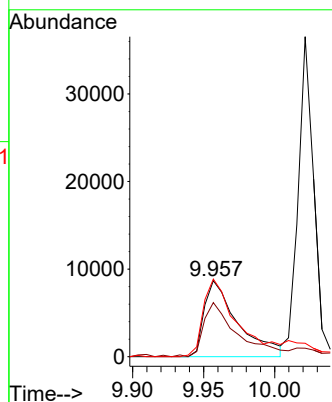
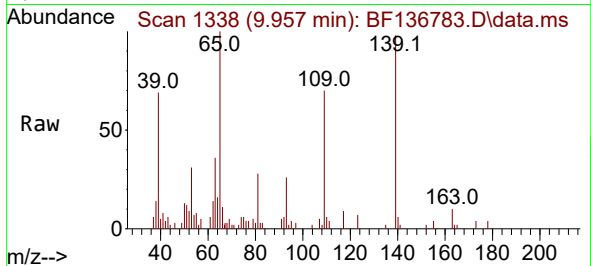




#56
4-Nitrophenol
Concen: 14.551 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

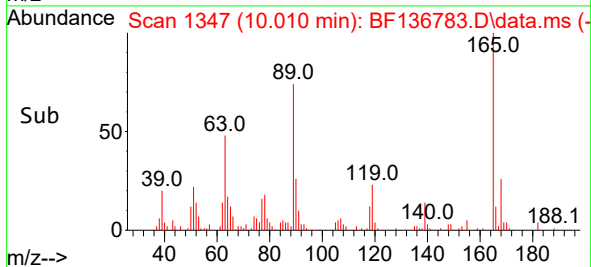
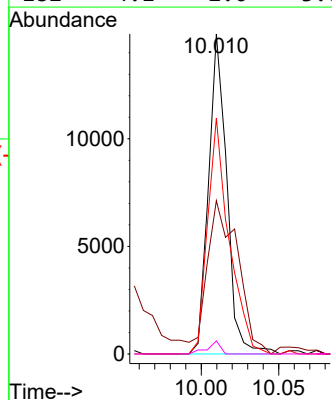
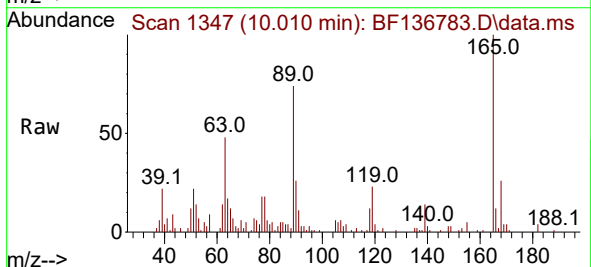
Instrument :
BNA_F
ClientSampleId :
PL-04-122023MSD

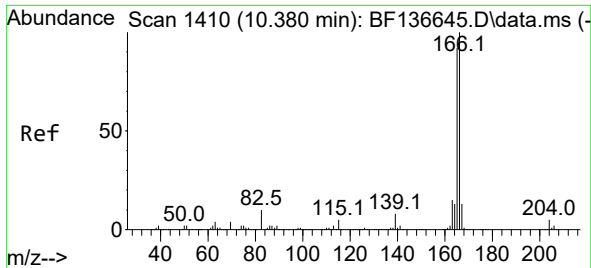
Tgt Ion:139 Resp: 14327
Ion Ratio Lower Upper
139 100
109 71.1 45.8 85.8
65 102.0 77.8 117.8



#57
2,4-Dinitrotoluene
Concen: 6.825 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion:165 Resp: 12199
Ion Ratio Lower Upper
165 100
63 47.9 41.0 61.6
89 73.8 59.9 89.9
182 4.1 2.0 3.0#

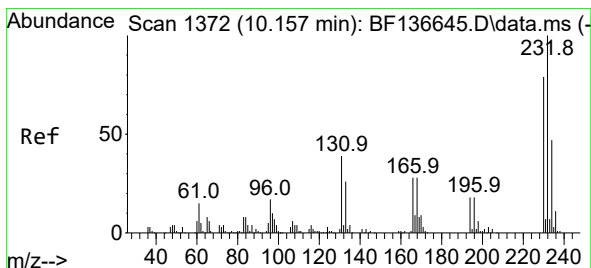
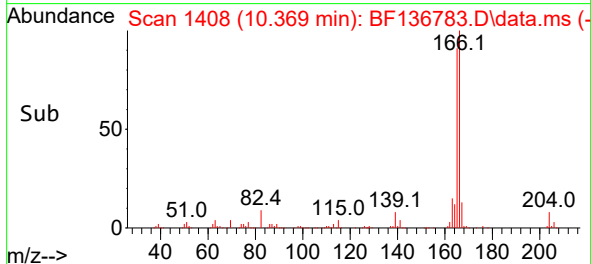
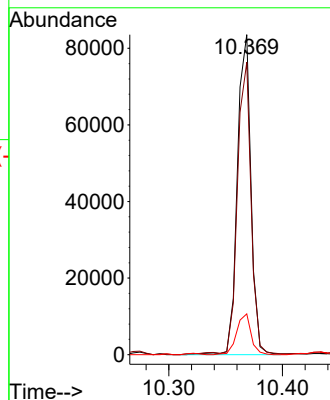
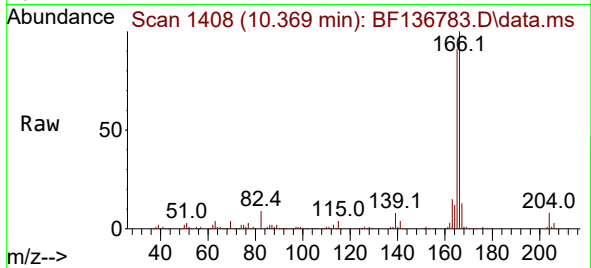




#58
Fluorene
Concen: 11.442 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

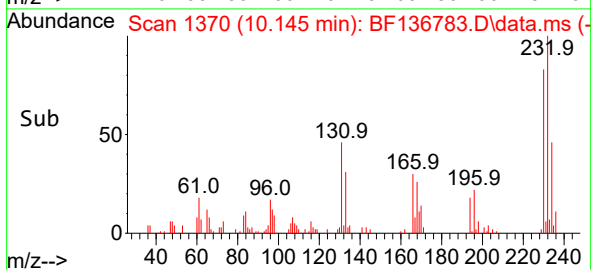
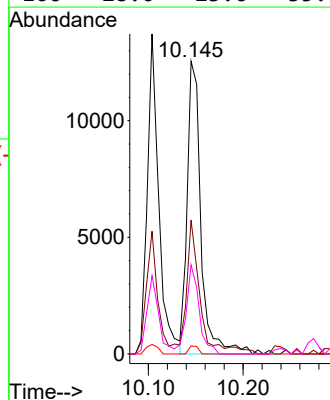
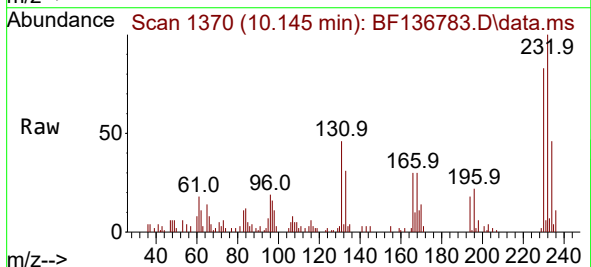
Instrument :
BNA_F
ClientSampleId :
PL-04-122023MSD

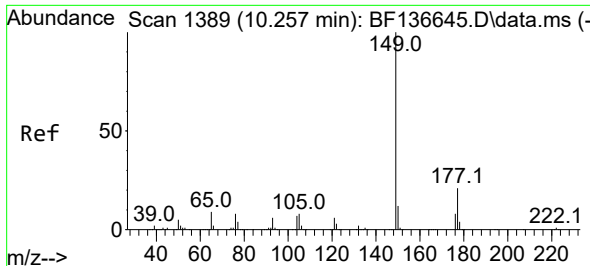
Tgt Ion:166 Resp: 69092
Ion Ratio Lower Upper
166 100
165 91.4 73.7 110.5
167 12.8 10.4 15.6



#59
2,3,4,6-Tetrachlorophenol
Concen: 9.010 ng
RT: 10.145 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion:232 Resp: 12750
Ion Ratio Lower Upper
232 100
131 45.7 35.1 52.7
130 1.8 1.6 2.4
166 28.0 23.6 35.4

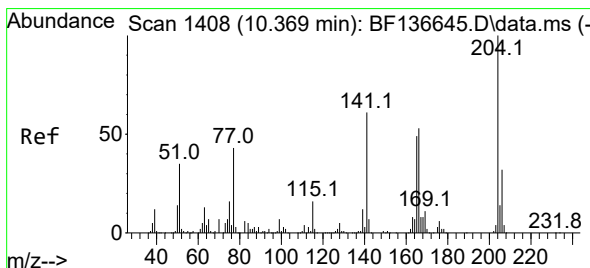
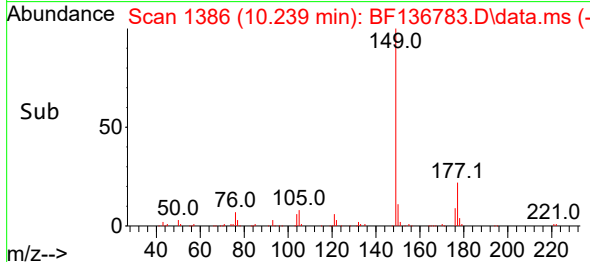
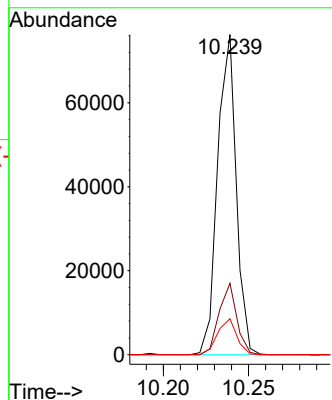
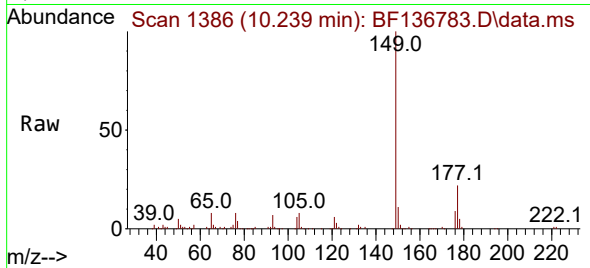




#60
Diethylphthalate
Concen: 9.225 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

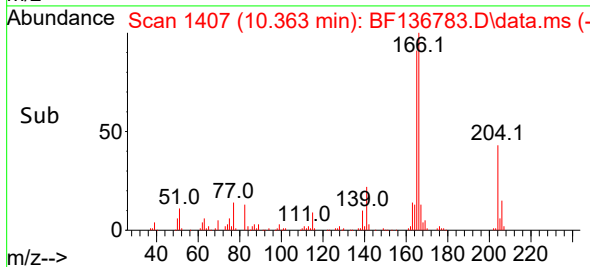
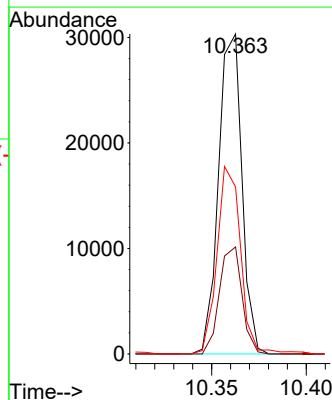
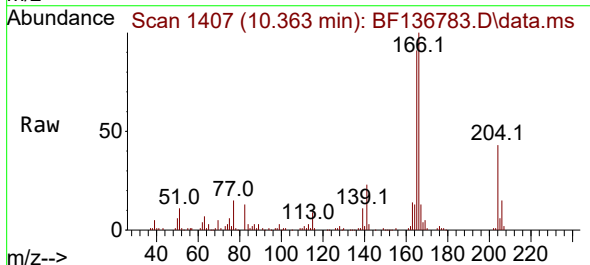
Instrument :
BNA_F
ClientSampleId :
PL-04-122023MSD

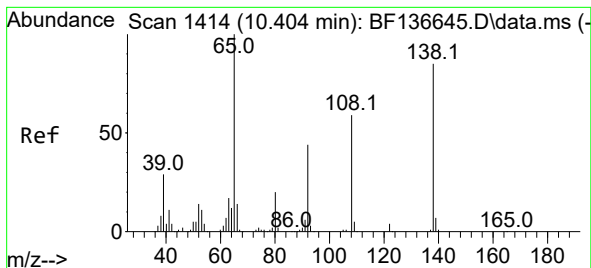
Tgt Ion:149 Resp: 58071
Ion Ratio Lower Upper
149 100
177 22.3 16.9 25.3
150 11.2 9.3 13.9



#61
4-Chlorophenyl-phenylether
Concen: 8.882 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion:204 Resp: 26069
Ion Ratio Lower Upper
204 100
206 33.4 25.6 38.4
141 52.2 48.4 72.6





#62

4-Nitroaniline

Concen: 9.696 ng

RT: 10.380 min Scan# 1410

Delta R.T. -0.024 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

Instrument :

BNA_F

ClientSampleId :

PL-04-122023MSD

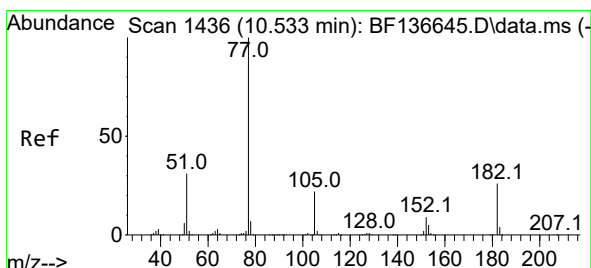
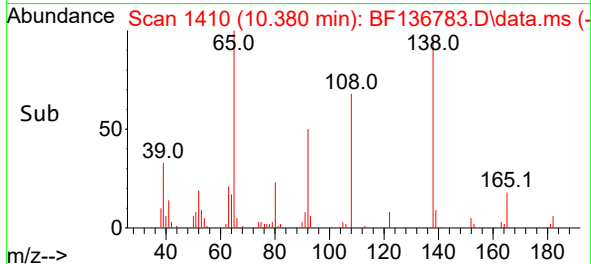
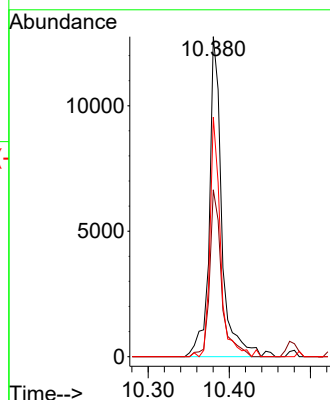
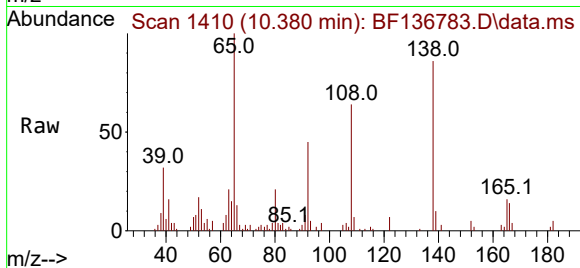
Tgt Ion:138 Resp: 13633

Ion Ratio Lower Upper

138 100

92 52.2 32.1 72.1

108 74.8 50.1 90.1



#63

Azobenzene

Concen: 8.412 ng

RT: 10.521 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

Tgt Ion: 77 Resp: 49456

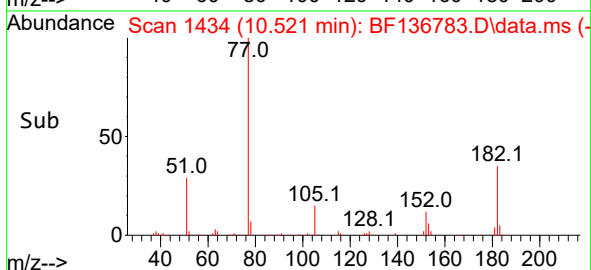
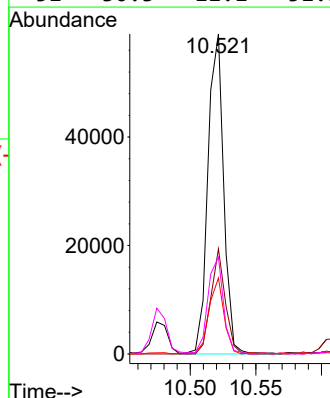
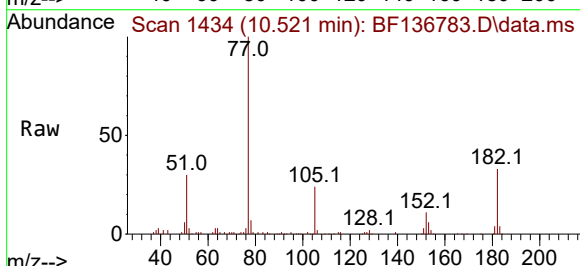
Ion Ratio Lower Upper

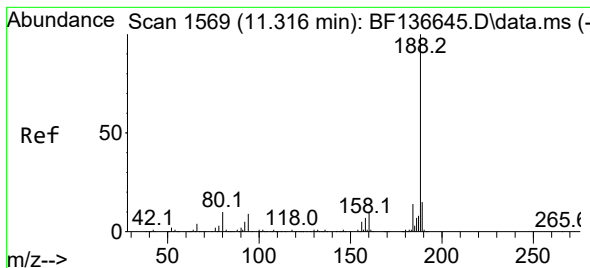
77 100

182 32.9 6.0 46.0

105 23.8 2.3 42.3

51 30.3 11.1 51.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

Instrument :

BNA_F

ClientSampleId :

PL-04-122023MSD

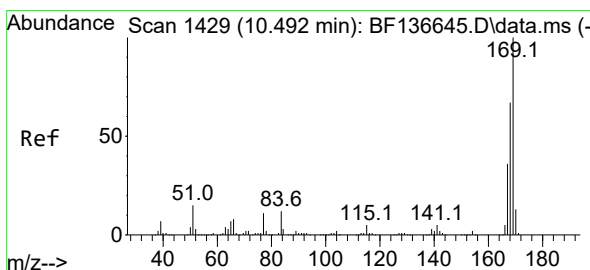
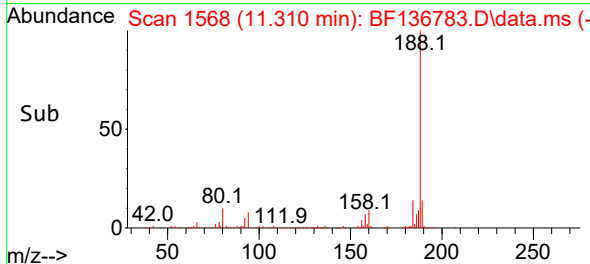
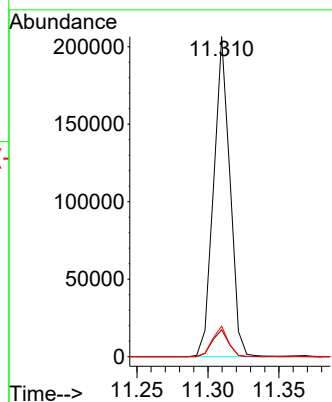
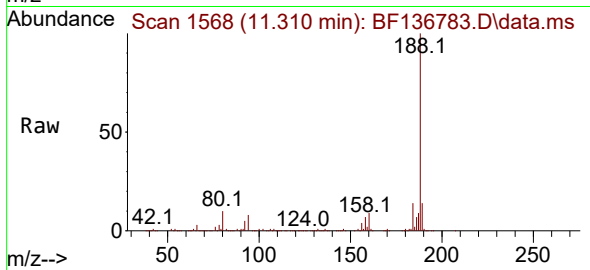
Tgt Ion:188 Resp: 165089

Ion Ratio Lower Upper

188 100

94 8.4 7.5 11.3

80 9.6 8.1 12.1



#66

n-Nitrosodiphenylamine

Concen: 9.044 ng

RT: 10.480 min Scan# 1427

Delta R.T. -0.012 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

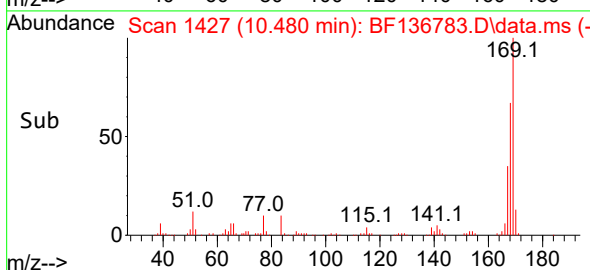
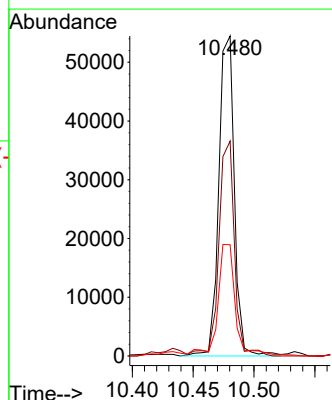
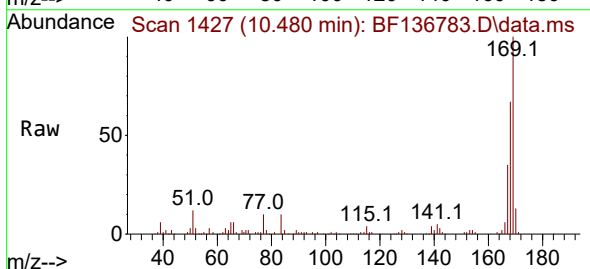
Tgt Ion:169 Resp: 48500

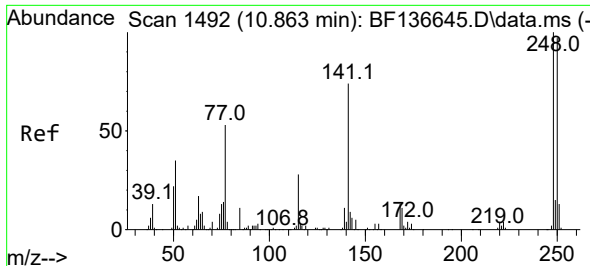
Ion Ratio Lower Upper

169 100

168 67.2 53.8 80.6

167 34.7 28.7 43.1

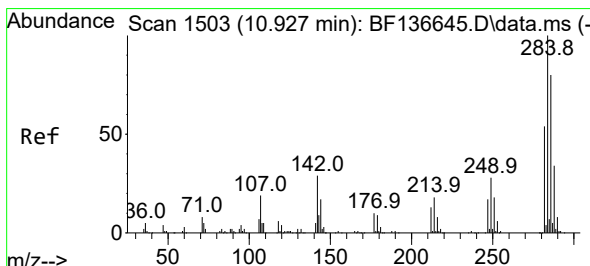
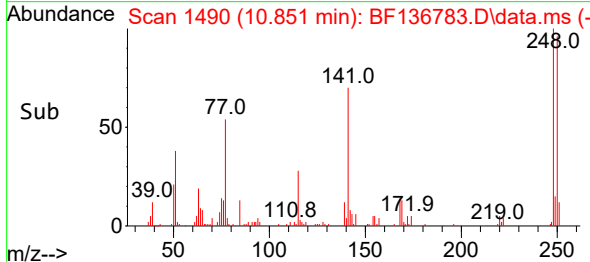
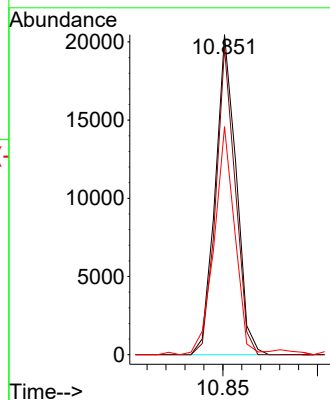
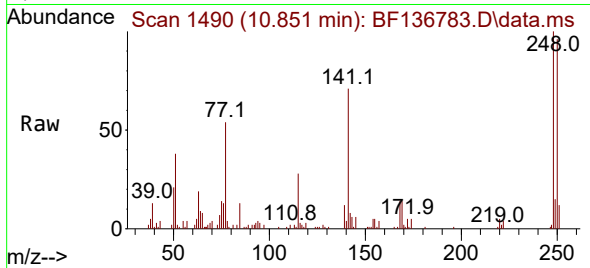




#67
4-Bromophenyl-phenylether
Concen: 8.598 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

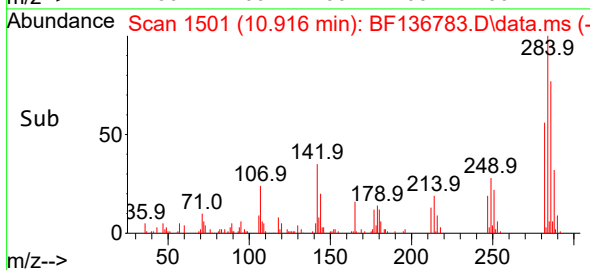
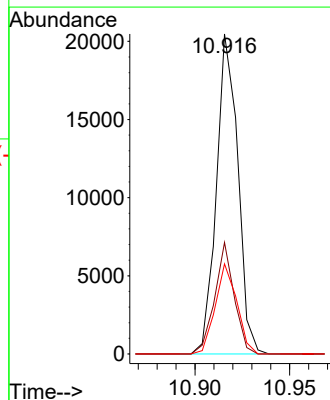
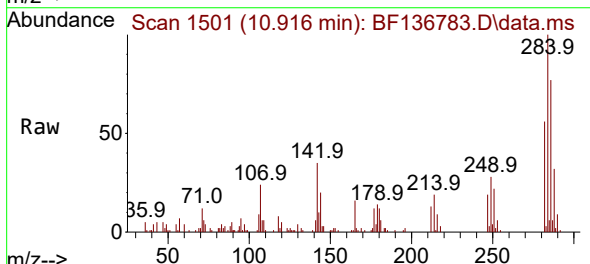
Instrument :
BNA_F
ClientSampleId :
PL-04-122023MSD

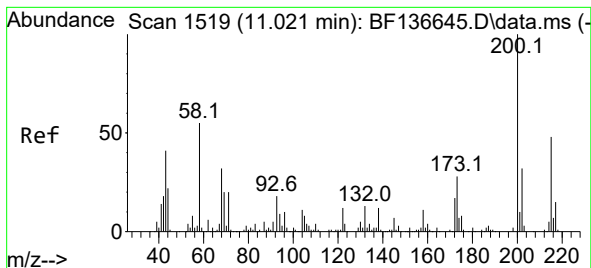
Tgt Ion:248 Resp: 15763
Ion Ratio Lower Upper
248 100
250 96.0 77.8 116.6
141 71.2 59.2 88.8



#68
Hexachlorobenzene
Concen: 7.876 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion:284 Resp: 16092
Ion Ratio Lower Upper
284 100
142 34.8 23.4 35.0
249 28.2 22.3 33.5





#69

Atrazine

Concen: 11.152 ng

RT: 11.010 min Scan# 1517

Delta R.T. -0.012 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

Instrument :

BNA_F

ClientSampleId :

PL-04-122023MSD

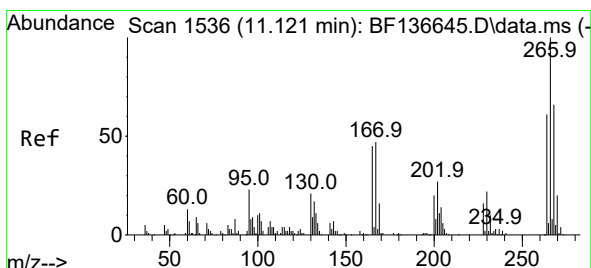
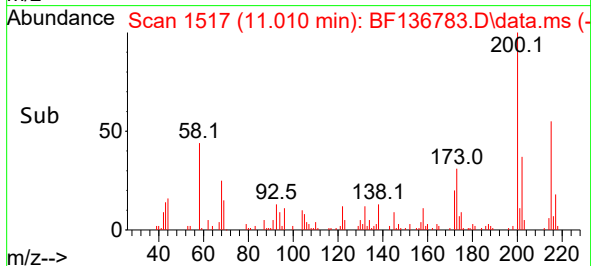
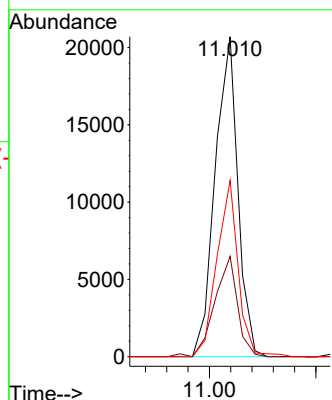
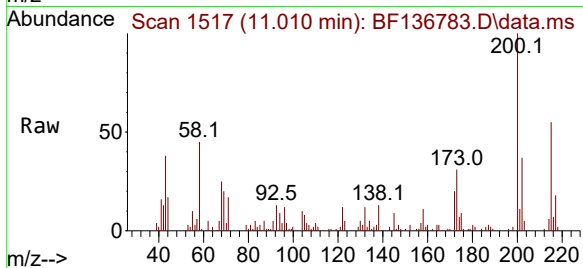
Tgt Ion:200 Resp: 15297

Ion Ratio Lower Upper

200 100

173 31.3 7.6 47.6

215 55.1 28.3 68.3



#70

Pentachlorophenol

Concen: 13.685 ng

RT: 11.121 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

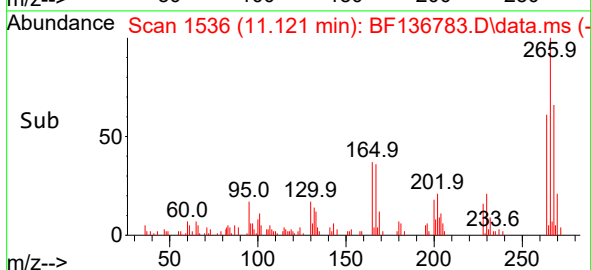
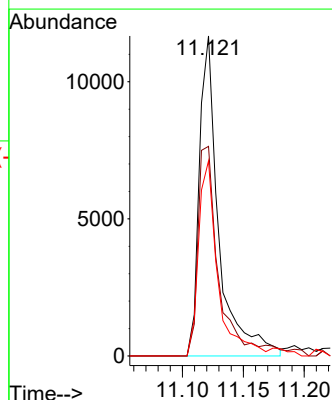
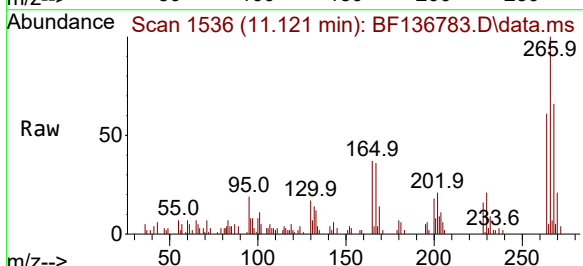
Tgt Ion:266 Resp: 13033

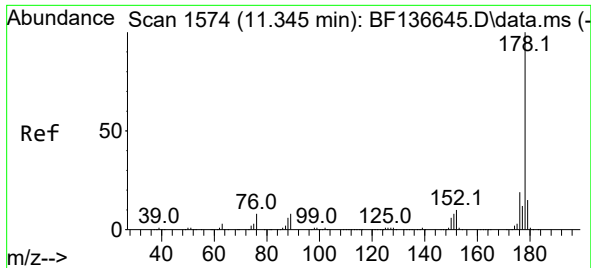
Ion Ratio Lower Upper

266 100

268 65.5 52.6 78.8

264 61.0 49.0 73.4

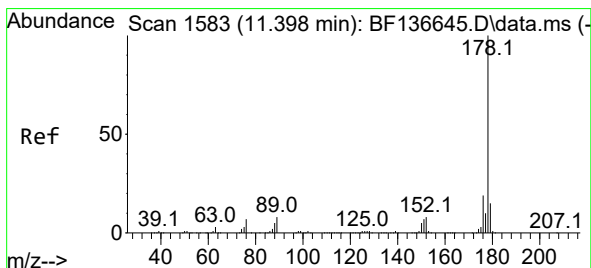
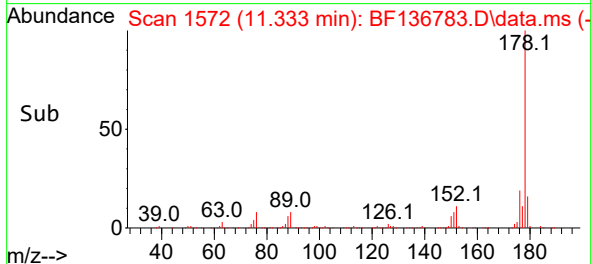
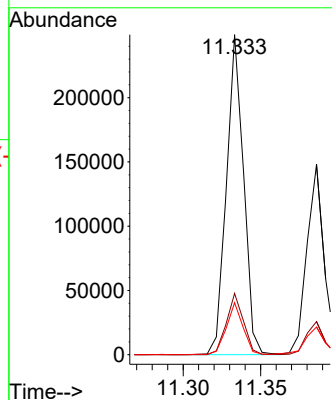
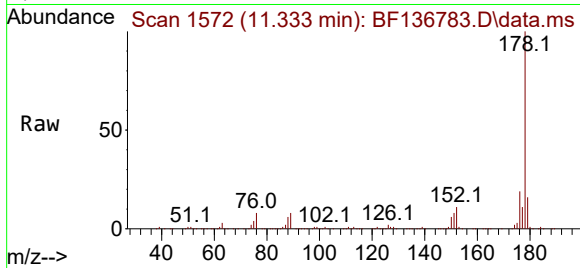




#71
Phenanthrene
Concen: 22.664 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

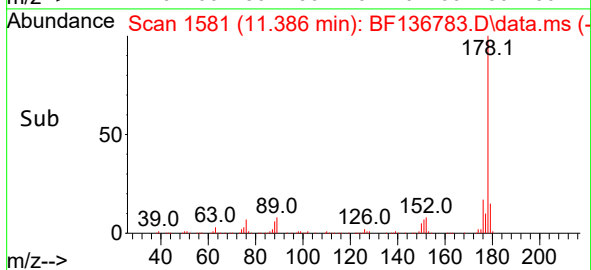
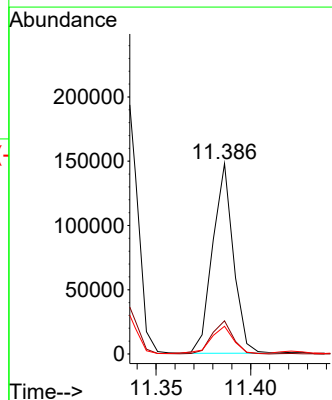
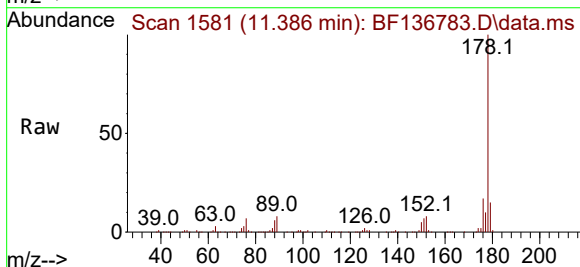
Instrument :
BNA_F
ClientSampleId :
PL-04-122023MSD

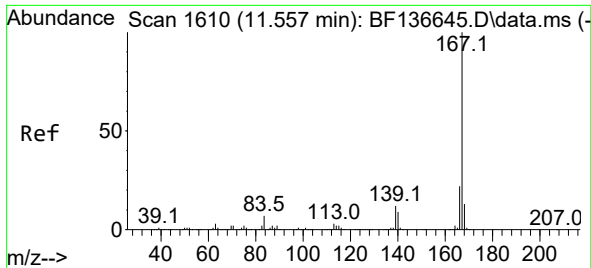
Tgt Ion:178 Resp: 191985
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 16.2 11.9 17.9



#72
Anthracene
Concen: 13.152 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion:178 Resp: 112827
Ion Ratio Lower Upper
178 100
176 17.4 14.9 22.3
179 14.5 11.8 17.6

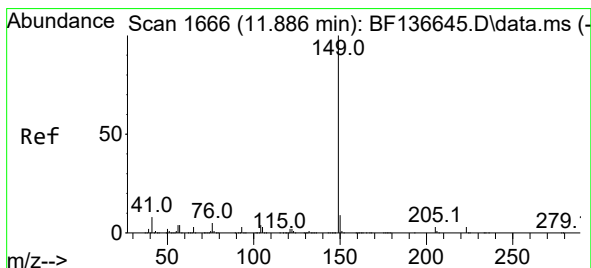
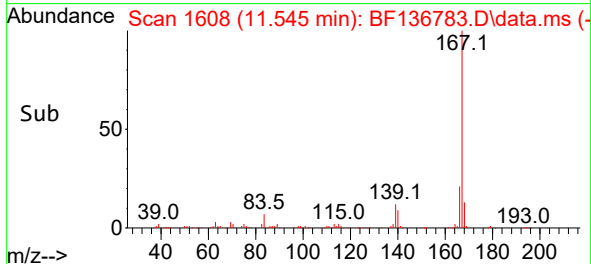
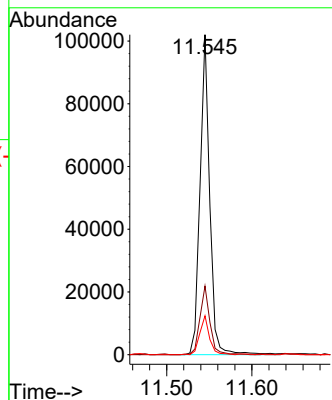
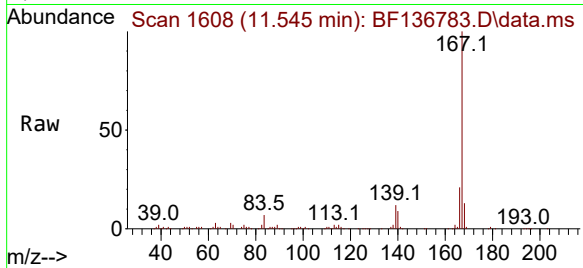




#73
 Carbazole
 Concen: 9.996 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. -0.012 min
 Lab File: BF136783.D
 Acq: 28 Dec 2023 04:11

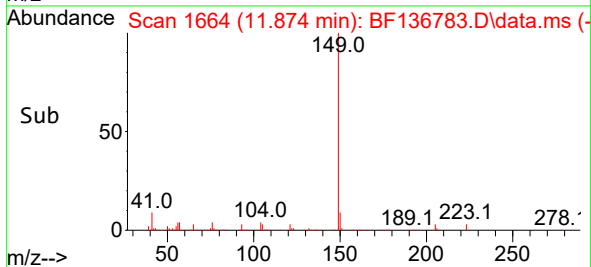
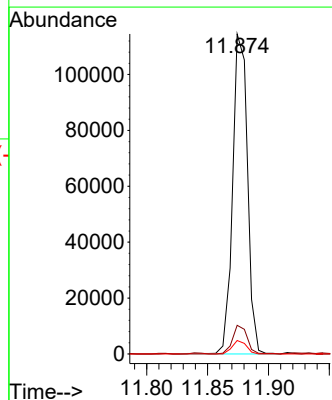
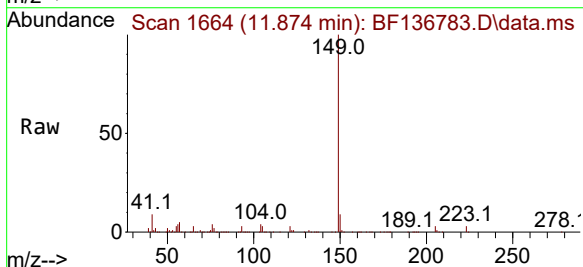
Instrument :
 BNA_F
 ClientSampleId :
 PL-04-122023MSD

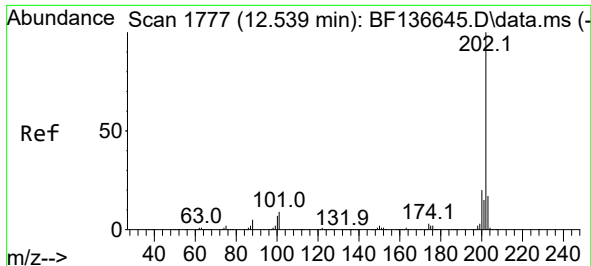
Tgt Ion:167 Resp: 80851
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.3 25.9
 139 12.2 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 9.853 ng
 RT: 11.874 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF136783.D
 Acq: 28 Dec 2023 04:11

Tgt Ion:149 Resp: 97241
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.2 3.6 5.4

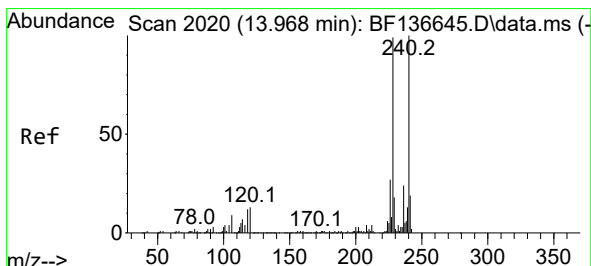
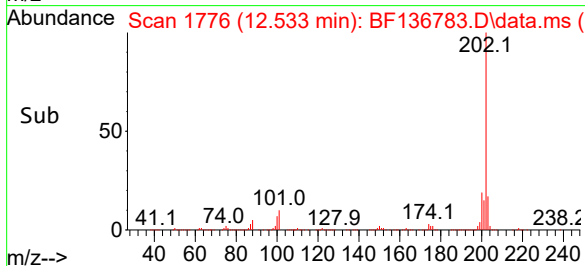
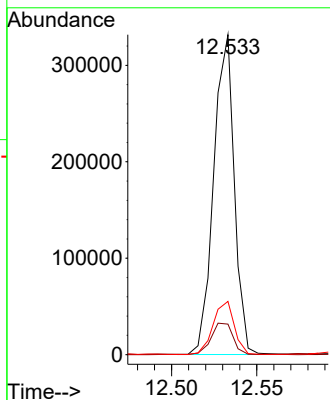
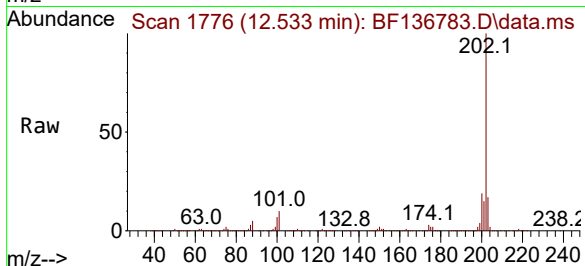




#75
Fluoranthene
Concen: 30.857 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

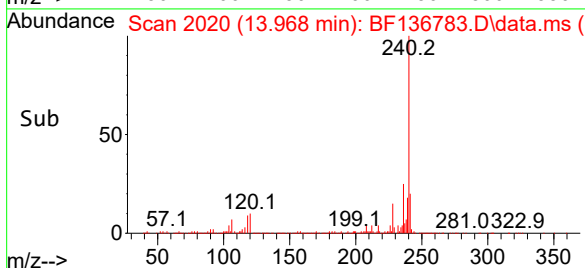
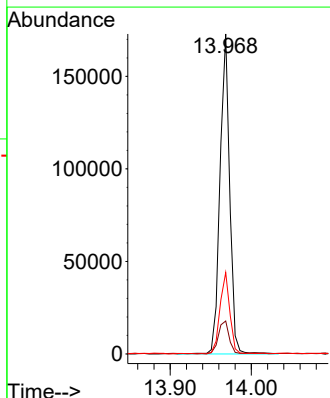
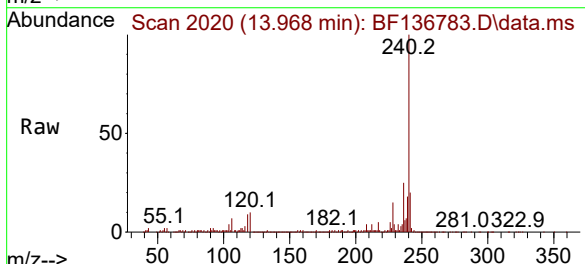
Instrument :
BNA_F
ClientSampleId :
PL-04-122023MSD

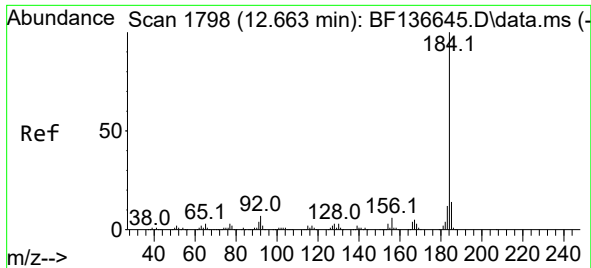
Tgt Ion:202 Resp: 279590
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.3
203 16.6 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion:240 Resp: 143925
Ion Ratio Lower Upper
240 100
120 10.3 10.3 15.5#
236 25.5 19.4 29.2

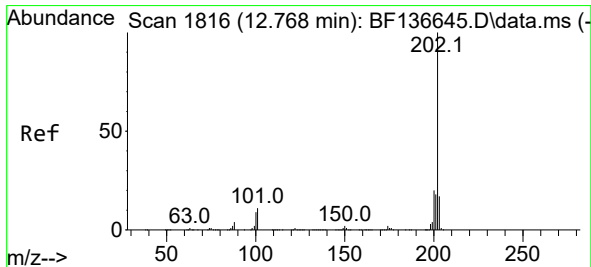
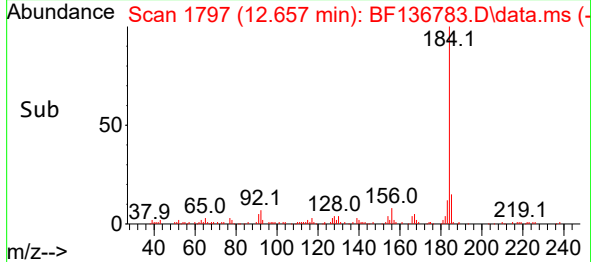
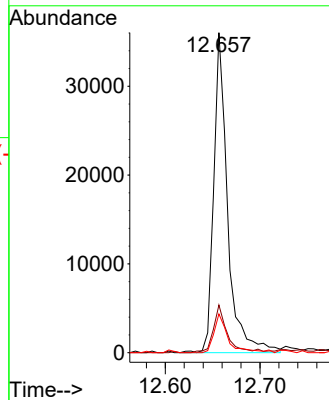
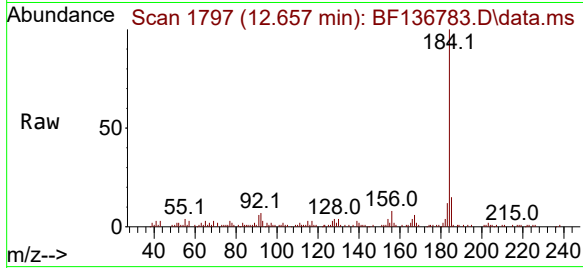




#77
Benzidine
Concen: 8.671 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

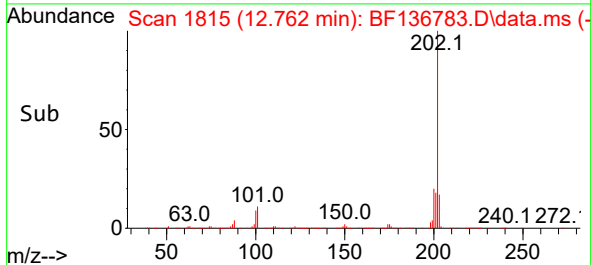
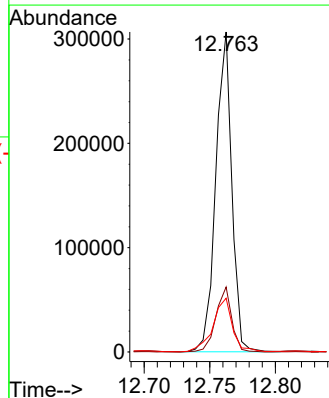
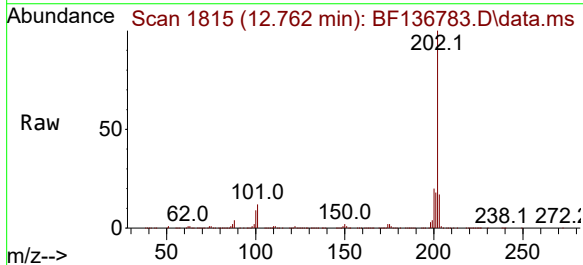
Instrument :
BNA_F
ClientSampleId :
PL-04-122023MSD

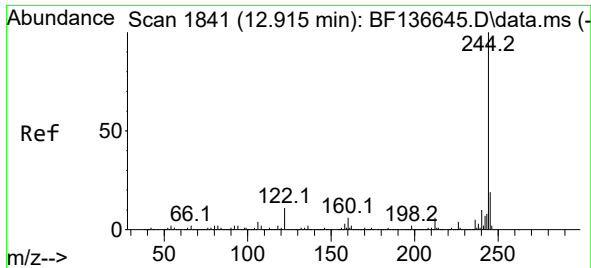
Tgt Ion:184 Resp: 36797
Ion Ratio Lower Upper
184 100
185 14.9 11.2 16.8
183 12.1 9.3 13.9



#78
Pyrene
Concen: 18.356 ng
RT: 12.762 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion:202 Resp: 259340
Ion Ratio Lower Upper
202 100
200 20.3 15.9 23.9
203 16.8 13.8 20.6

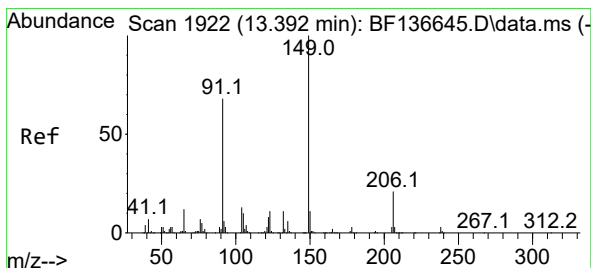
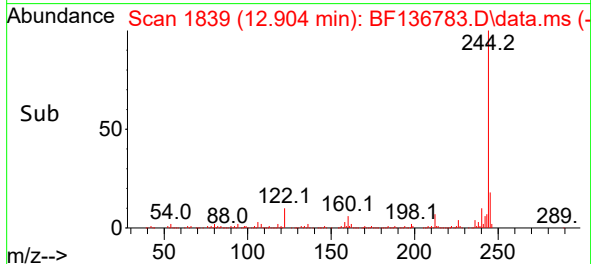
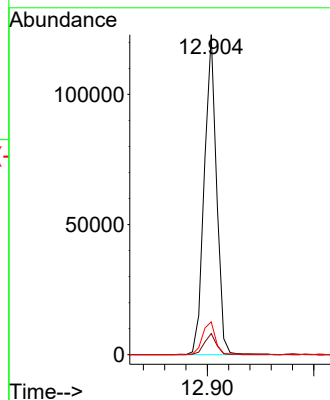
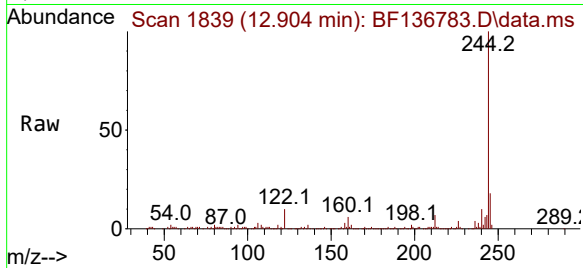




#79
 Terphenyl-d14
 Concen: 9.587 ng
 RT: 12.904 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF136783.D
 Acq: 28 Dec 2023 04:11

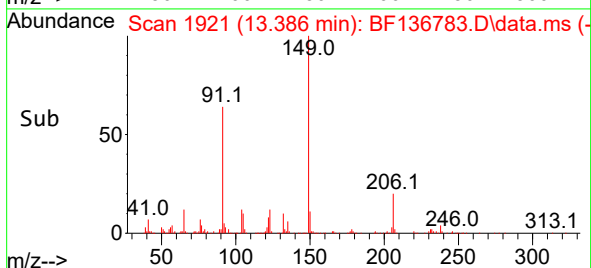
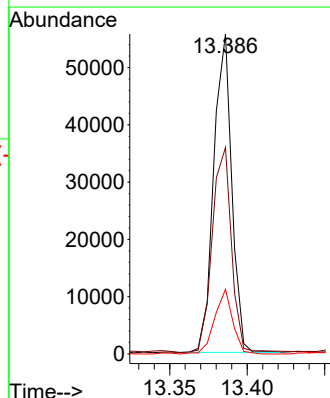
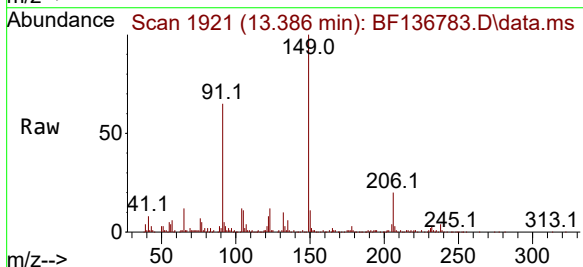
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 BNA_F
 ClientSampleId :
 PL-04-122023MSD

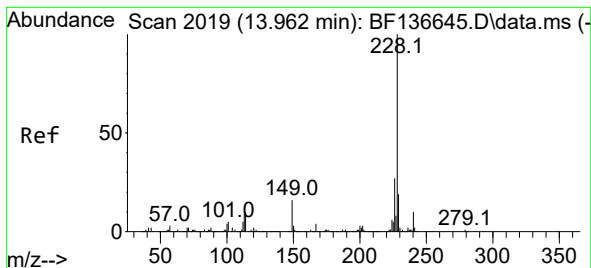
Tgt Ion:244 Resp: 98734
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 10.2 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 8.737 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136783.D
 Acq: 28 Dec 2023 04:11

Tgt Ion:149 Resp: 44919
 Ion Ratio Lower Upper
 149 100
 91 64.6 54.1 81.1
 206 20.2 17.1 25.7





#81

Benzo(a)anthracene

Concen: 16.416 ng

RT: 13.957 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

Instrument :

BNA_F

ClientSampleId :

PL-04-122023MSD

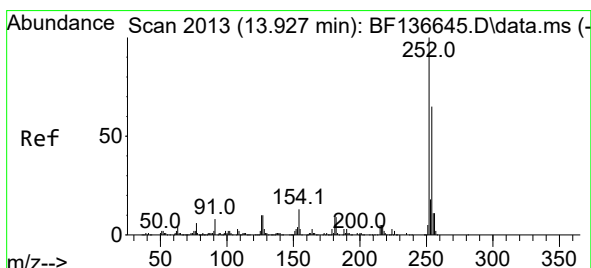
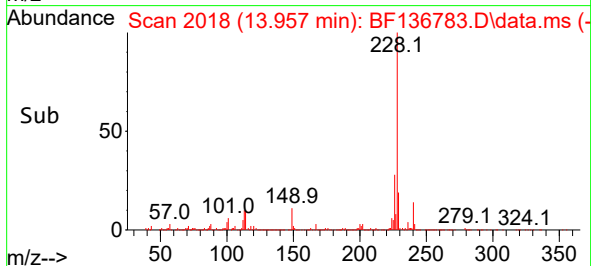
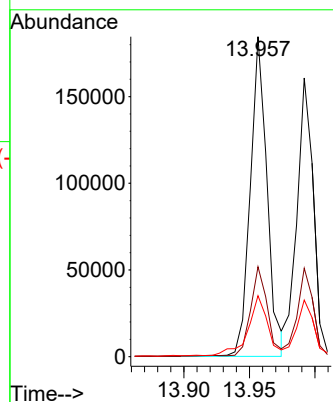
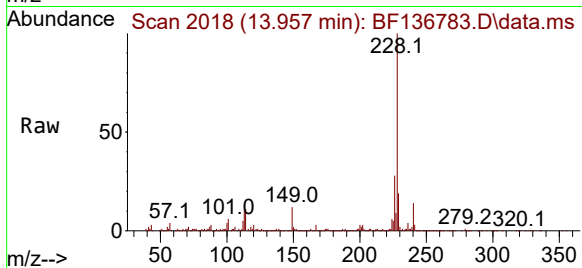
Tgt Ion:228 Resp: 164064

Ion Ratio Lower Upper

228 100

226 28.1 21.4 32.0

229 19.0 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 9.613 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

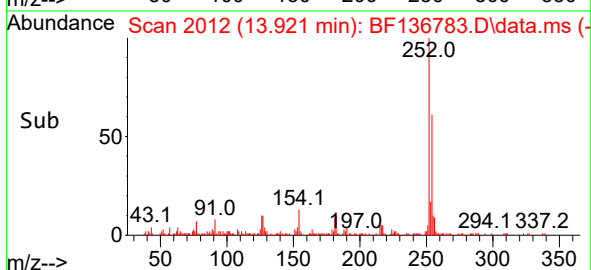
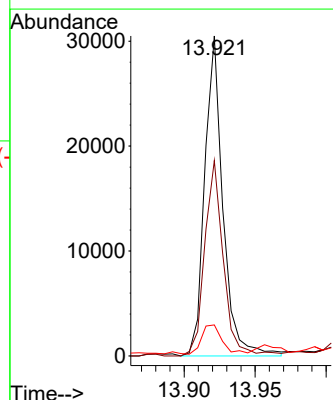
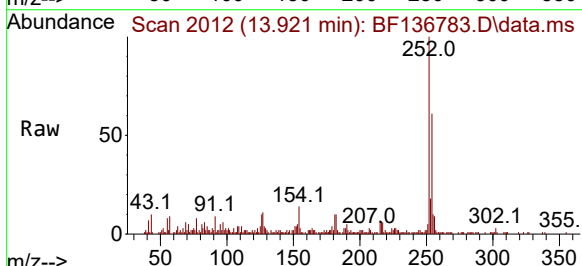
Tgt Ion:252 Resp: 27283

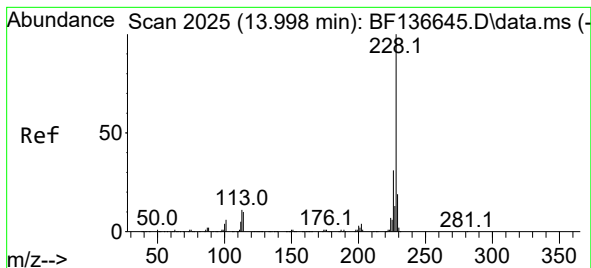
Ion Ratio Lower Upper

252 100

254 61.0 52.2 78.4

126 9.7 8.0 12.0





#83

Chrysene

Concen: 14.332 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

Instrument :

BNA_F

ClientSampleId :

PL-04-122023MSD

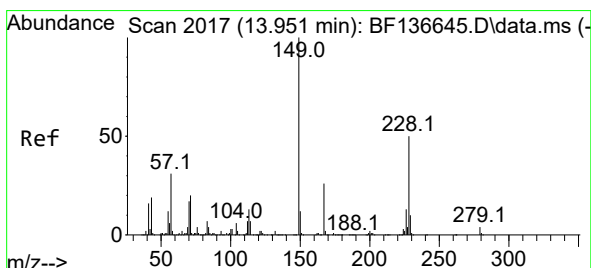
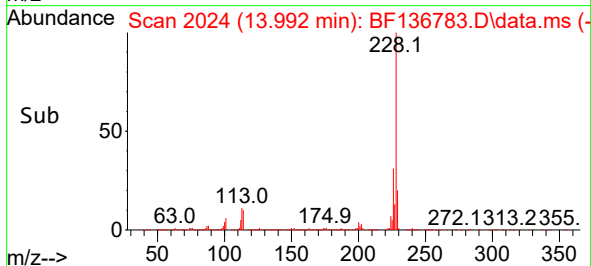
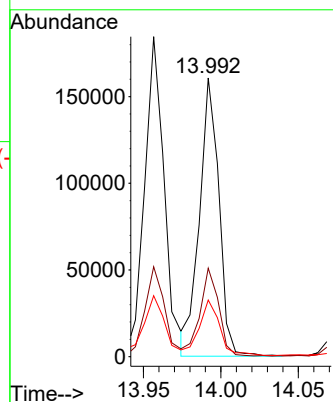
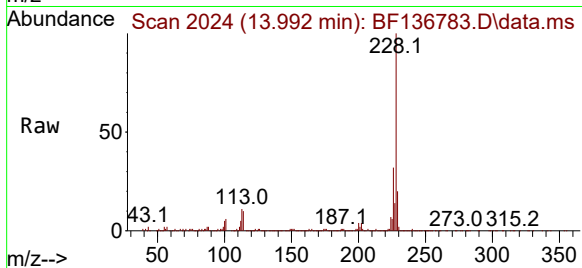
Tgt Ion:228 Resp: 140067

Ion Ratio Lower Upper

228 100

226 31.8 24.7 37.1

229 20.3 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.546 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

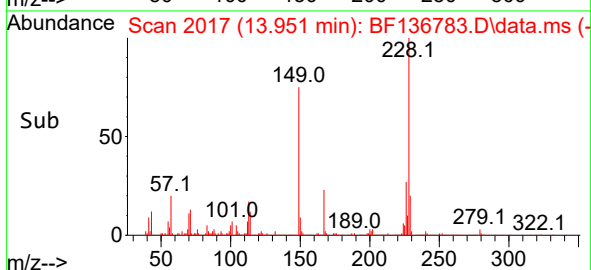
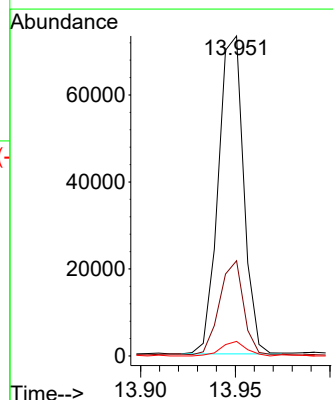
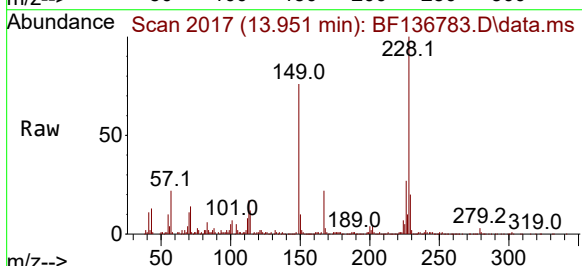
Tgt Ion:149 Resp: 68213

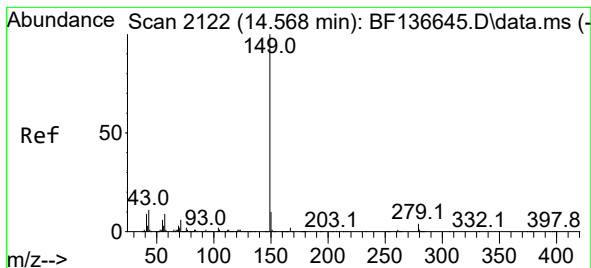
Ion Ratio Lower Upper

149 100

167 29.8 20.9 31.3

279 4.5 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 11.382 ng

RT: 14.562 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

Instrument :

BNA_F

ClientSampleId :

PL-04-122023MSD

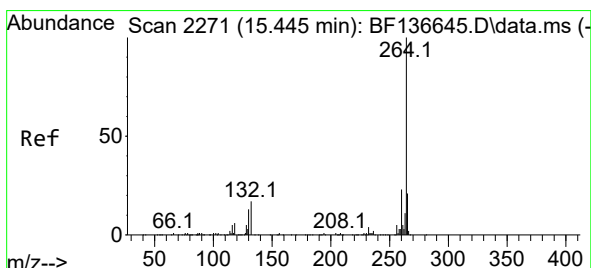
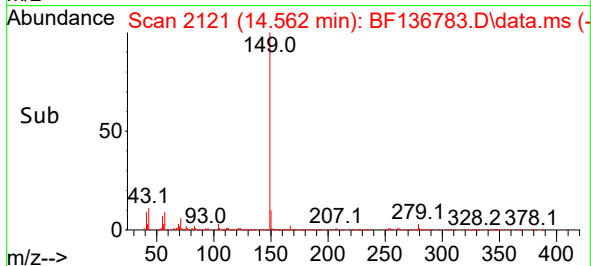
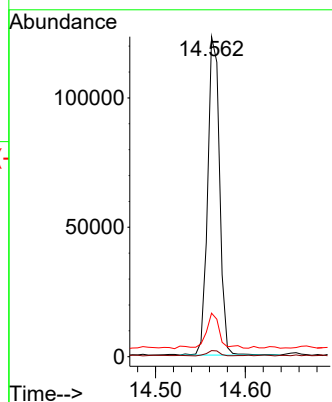
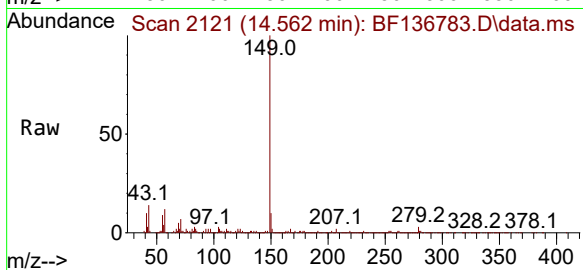
Tgt Ion:149 Resp: 113884

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8#

43 11.7 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.006 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

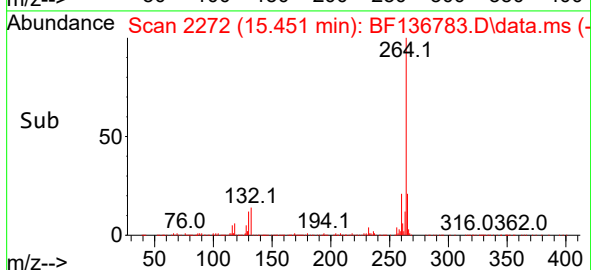
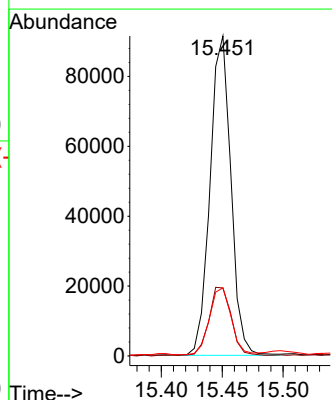
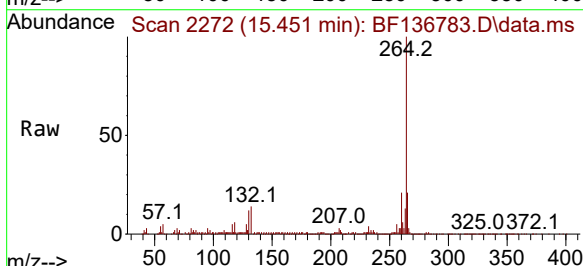
Tgt Ion:264 Resp: 108781

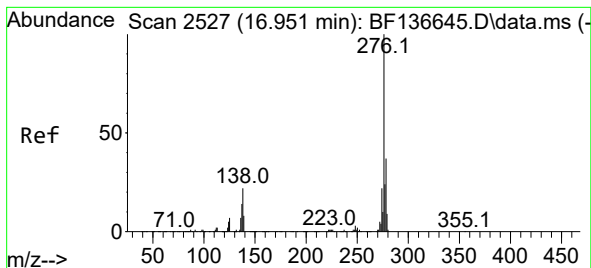
Ion Ratio Lower Upper

264 100

260 21.3 18.3 27.5

265 21.3 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.889 ng

RT: 16.950 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

Instrument :

BNA_F

ClientSampleId :

PL-04-122023MSD

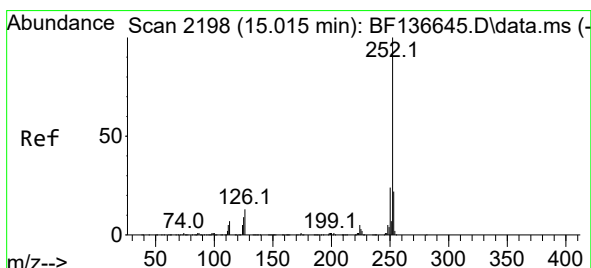
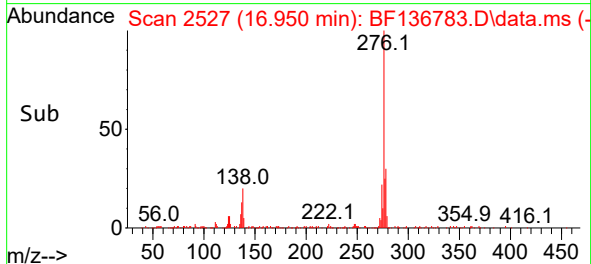
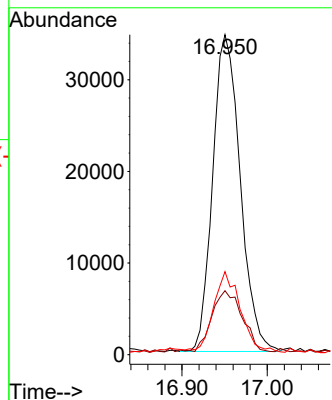
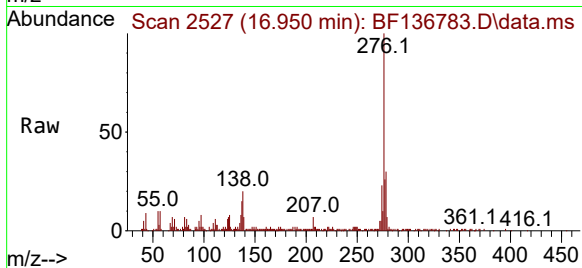
Tgt Ion:276 Resp: 77673

Ion Ratio Lower Upper

276 100

138 21.2 18.7 28.1

277 24.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 16.431 ng

RT: 15.015 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

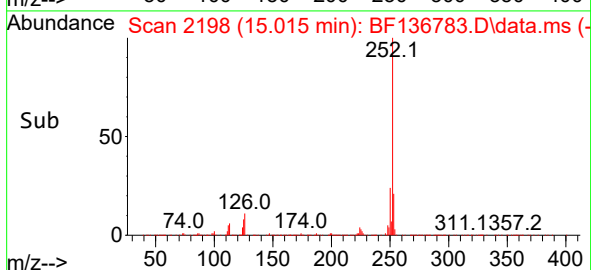
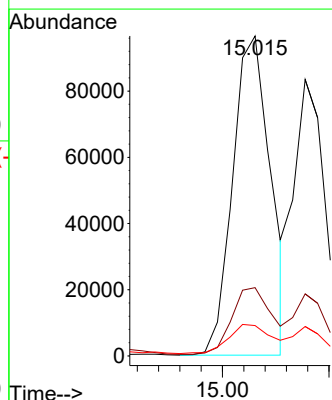
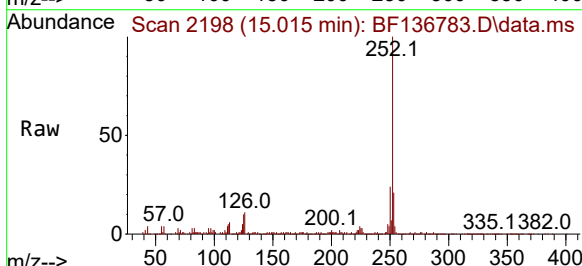
Tgt Ion:252 Resp: 119382

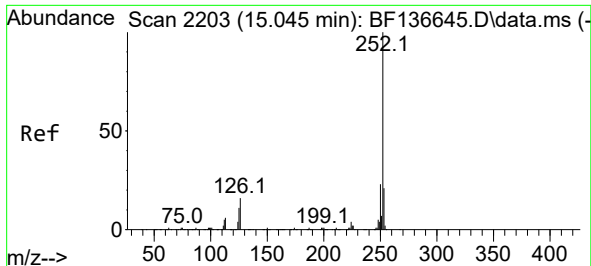
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 9.5 7.4 11.2

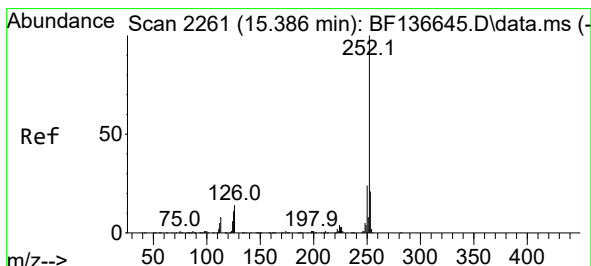
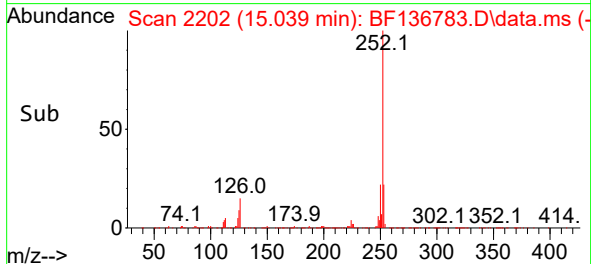
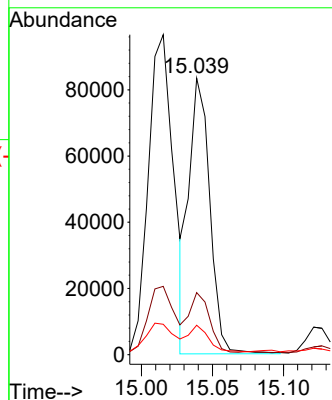
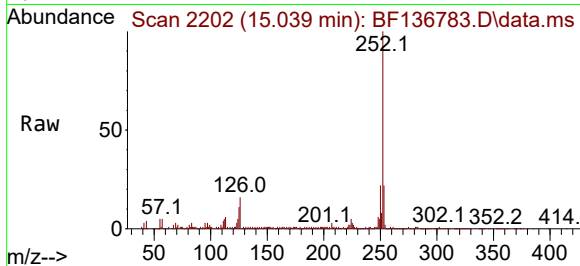




#89
Benzo(k)fluoranthene
Concen: 12.367 ng
RT: 15.039 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

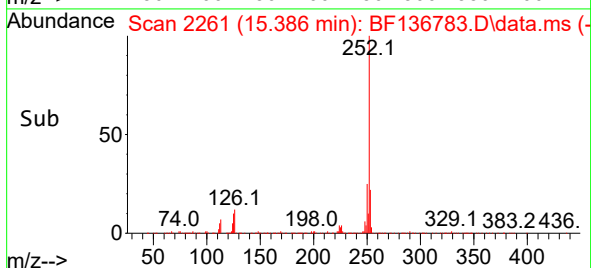
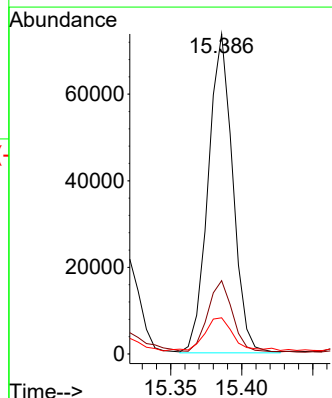
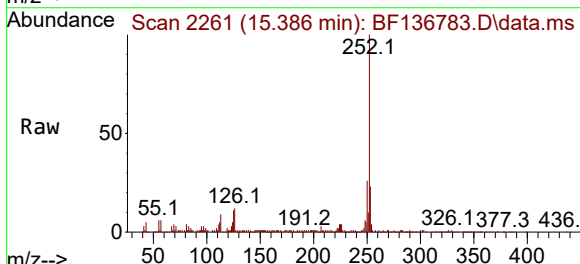
Instrument :
BNA_F
ClientSampleId :
PL-04-122023MSD

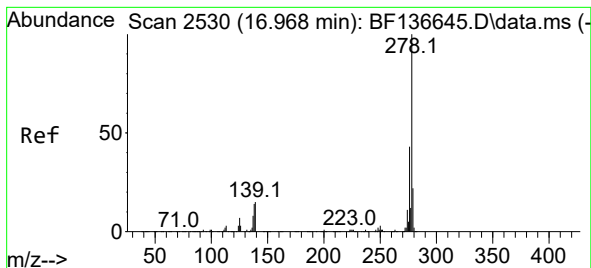
Tgt Ion:252 Resp: 84904
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 10.6 8.2 12.4



#90
Benzo(a)pyrene
Concen: 14.409 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.000 min
Lab File: BF136783.D
Acq: 28 Dec 2023 04:11

Tgt Ion:252 Resp: 88369
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 11.3 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 8.116 ng

RT: 16.968 min Scan# 2530

Delta R.T. -0.000 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

Instrument :

BNA_F

ClientSampleId :

PL-04-122023MSD

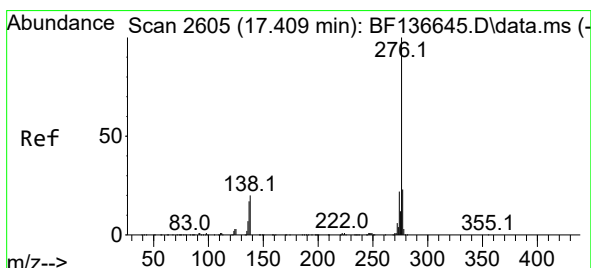
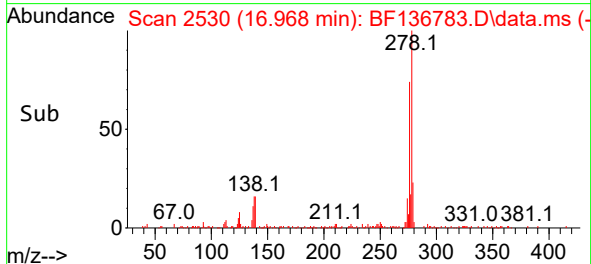
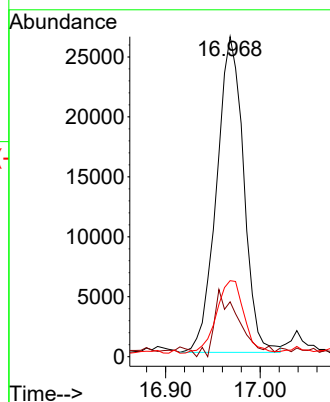
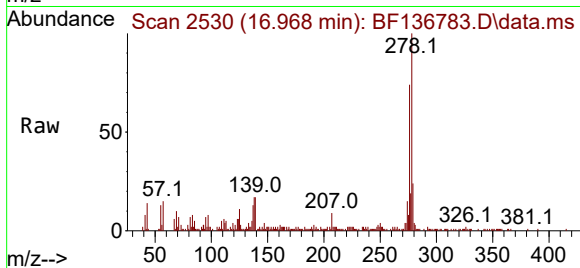
Tgt Ion:278 Resp: 52296

Ion Ratio Lower Upper

278 100

139 17.1 12.2 18.4

279 23.7 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 9.512 ng

RT: 17.409 min Scan# 2605

Delta R.T. -0.000 min

Lab File: BF136783.D

Acq: 28 Dec 2023 04:11

Tgt Ion:276 Resp: 62773

Ion Ratio Lower Upper

276 100

277 27.1 18.3 27.5

138 20.1 15.6 23.4

