

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
 Data File : BF136651.D
 Acq On : 20 Dec 2023 16:53
 Operator : CG\JU
 Sample : PB157585BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157585BS

Quant Time: Dec 21 02:16:54 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	6.793	152	91874	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	369581	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	193460	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	372219	20.000	ng	0.00
76) Chrysene-d12	13.974	240	200994	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	161791	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	675436	114.708	ng	0.02
7) Phenol-d6	6.446	99	869867	114.009	ng	0.00
23) Nitrobenzene-d5	7.363	82	538992	74.627	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	265304	116.442	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1056361	73.441	ng	0.00
79) Terphenyl-d14	12.916	244	1117481	77.696	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	80864	32.960	ng	98
3) Pyridine	3.410	79	186562	31.166	ng	97
4) n-Nitrosodimethylamine	3.375	42	129030	40.364	ng	94
6) Aniline	6.463	93	268081	35.143	ng	# 65
8) 2-Chlorophenol	6.581	128	267229	41.471	ng	99
9) Benzaldehyde	6.346	77	94874	21.861	ng	95
10) Phenol	6.457	94	321141	39.429	ng	88
11) bis(2-Chloroethyl)ether	6.534	93	248661	40.145	ng	99
12) 1,3-Dichlorobenzene	6.734	146	259674	36.941	ng	99
13) 1,4-Dichlorobenzene	6.810	146	267558	37.251	ng	99
14) 1,2-Dichlorobenzene	6.963	146	252854	37.833	ng	99
15) Benzyl Alcohol	6.940	79	220195	42.778	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	407459	40.235	ng	100
17) 2-Methylphenol	7.057	107	216923	40.636	ng	98
18) Hexachloroethane	7.298	117	97617	37.423	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	184199	39.826	ng	95
20) 3+4-Methylphenols	7.210	107	265748	39.848	ng	# 77
22) Acetophenone	7.204	105	369678	39.907	ng	98
24) Nitrobenzene	7.381	77	276764	38.253	ng	95
25) Isophorone	7.616	82	517818	39.402	ng	99
26) 2-Nitrophenol	7.692	139	142117	41.056	ng	98
27) 2,4-Dimethylphenol	7.734	122	238482	56.590	ng	100
28) bis(2-Chloroethoxy)met...	7.828	93	317461	39.740	ng	98
29) 2,4-Dichlorophenol	7.934	162	220101	40.568	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	228480	37.797	ng	97
31) Naphthalene	8.092	128	768006	37.826	ng	100
32) Benzoic acid	7.881	122	177291	43.480	ng	97
33) 4-Chloroaniline	8.145	127	210369	28.062	ng	98
34) Hexachlorobutadiene	8.204	225	132569	36.096	ng	98
35) Caprolactam	8.528	113	41657	23.274	ng	96
36) 4-Chloro-3-methylphenol	8.640	107	250180	40.960	ng	99
37) 2-Methylnaphthalene	8.787	142	507076	38.806	ng	100
38) 1-Methylnaphthalene	8.887	142	466981	36.427	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	235172	39.252	ng	97
41) Hexachlorocyclopentadiene	8.934	237	210469	108.328	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	160332	41.727	ng	98

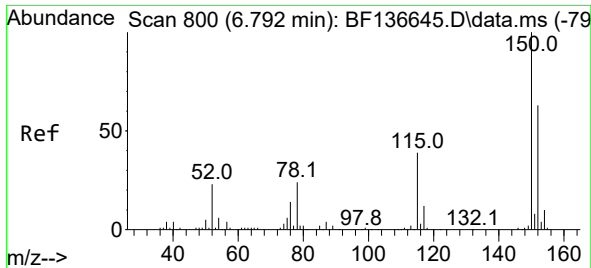
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 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	175518	40.992	ng	# 94
46) 1,1'-Biphenyl	9.251	154	645978	39.791	ng	99
47) 2-Chloronaphthalene	9.275	162	478837	38.799	ng	99
48) 2-Nitroaniline	9.375	65	161537	41.798	ng	100
49) Acenaphthylene	9.692	152	756866	40.123	ng	99
50) Dimethylphthalate	9.557	163	579389	41.002	ng	98
51) 2,6-Dinitrotoluene	9.622	165	125394	39.100	ng	# 86
52) Acenaphthene	9.863	154	456304	39.023	ng	100
53) 3-Nitroaniline	9.792	138	113068	33.282	ng	91
54) 2,4-Dinitrophenol	9.904	184	146144	82.120	ng	# 89
55) Dibenzofuran	10.039	168	695043	39.211	ng	97
56) 4-Nitrophenol	9.969	139	192836	84.086	ng	94
57) 2,4-Dinitrotoluene	10.028	165	163183	39.196	ng	96
58) Fluorene	10.381	166	553527	39.356	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	143436	43.518	ng	99
60) Diethylphthalate	10.263	149	589365	40.198	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	261831	38.300	ng	95
62) 4-Nitroaniline	10.416	138	137450	41.970	ng	98
63) Azobenzene	10.534	77	545154	39.810	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	96348	45.166	ng	100
66) n-Nitrosodiphenylamine	10.498	169	504318	41.709	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	162892	39.405	ng	98
68) Hexachlorobenzene	10.928	284	181067	39.305	ng	98
69) Atrazine	11.033	200	195333	63.161	ng	98
70) Pentachlorophenol	11.128	266	179075	83.398	ng	97
71) Phenanthrene	11.345	178	784080	41.054	ng	99
72) Anthracene	11.398	178	794414	41.072	ng	100
73) Carbazole	11.557	167	725274	39.772	ng	99
74) Di-n-butylphthalate	11.886	149	926103	41.618	ng	100
75) Fluoranthene	12.539	202	809892	39.644	ng	99
77) Benzidine	12.663	184	186506	31.470	ng	100
78) Pyrene	12.769	202	803754	40.736	ng	99
80) Butylbenzylphthalate	13.392	149	317122	44.170	ng	99
81) Benzo(a)anthracene	13.963	228	562436	40.298	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	168393	42.485	ng	98
83) Chrysene	13.998	228	542154	39.723	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	400206	44.304	ng	98
85) Di-n-octyl phthalate	14.569	149	620364	44.397	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	542246	46.419	ng	100
88) Benzo(b)fluoranthene	15.016	252	464370	42.973	ng	99
89) Benzo(k)fluoranthene	15.045	252	471080	46.135	ng	99
90) Benzo(a)pyrene	15.386	252	403670	44.255	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	456134	47.596	ng	97
92) Benzo(g,h,i)perylene	17.410	276	457964	46.657	ng	99

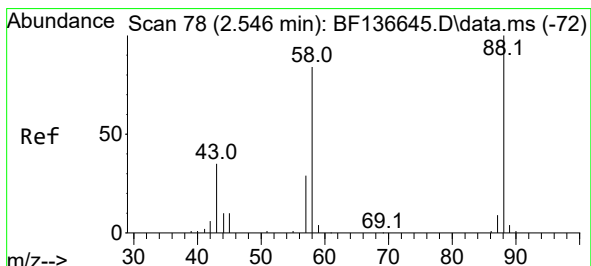
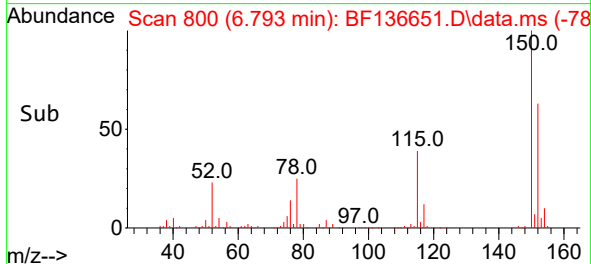
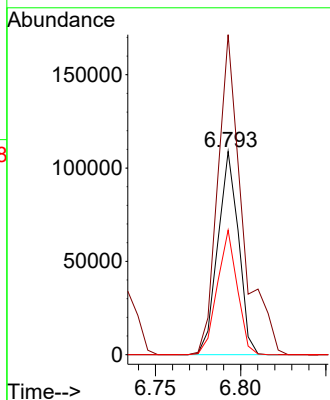
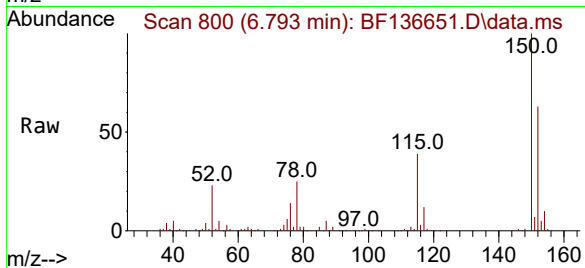
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: BF136651.D
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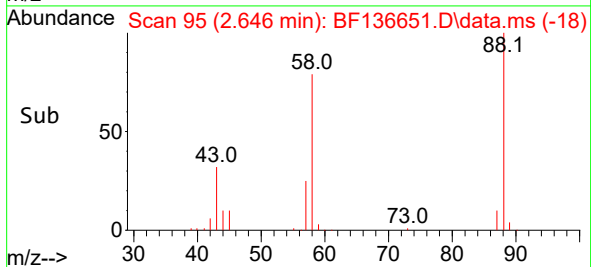
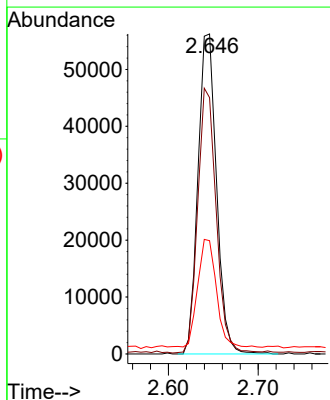
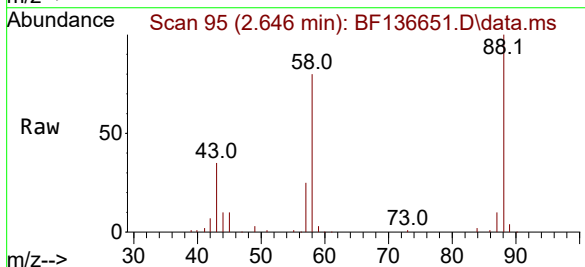
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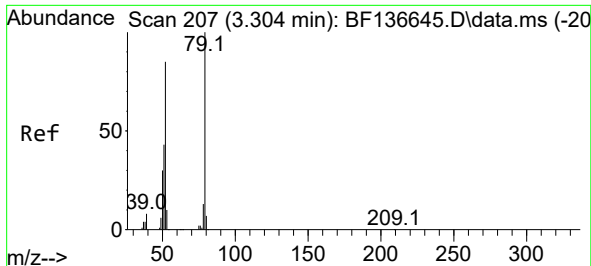
Tgt Ion:152 Resp: 91874
 Ion Ratio Lower Upper
 152 100
 150 157.5 127.0 190.6
 115 61.3 49.0 73.4



#2
 1,4-Dioxane
 Concen: 32.960 ng
 RT: 2.646 min Scan# 95
 Delta R.T. 0.100 min
 Lab File: BF136651.D
 Acq: 20 Dec 2023 16:53

Tgt Ion: 88 Resp: 80864
 Ion Ratio Lower Upper
 88 100
 58 82.5 67.4 101.0
 43 34.0 27.7 41.5

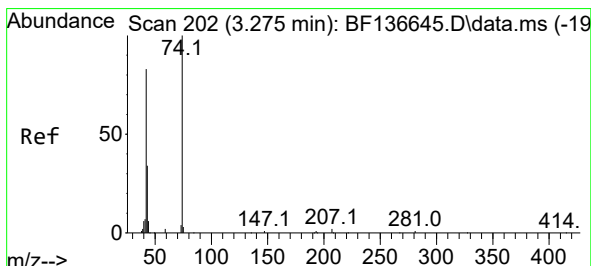
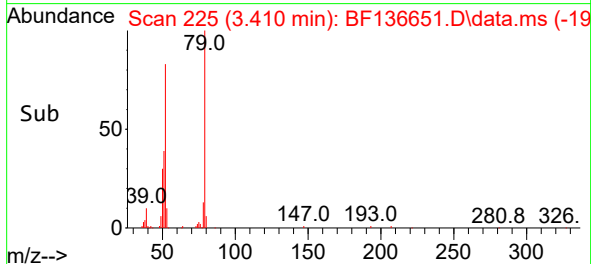
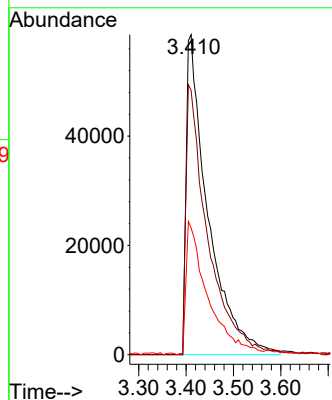
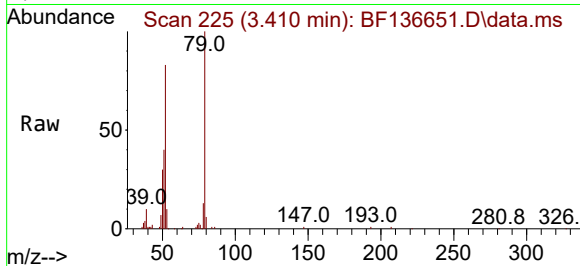




#3
Pyridine
Concen: 31.166 ng
RT: 3.410 min Scan# 219
Delta R.T. 0.106 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

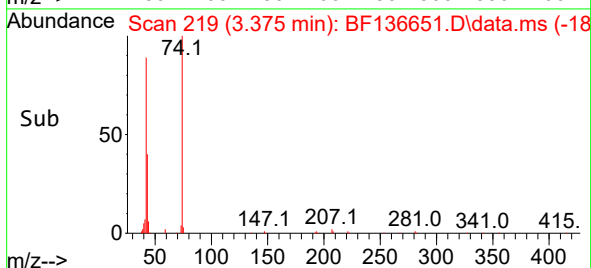
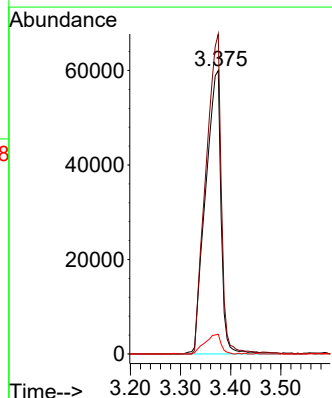
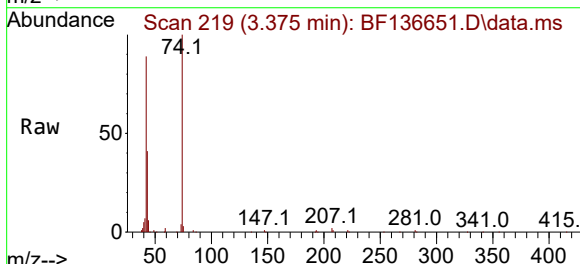
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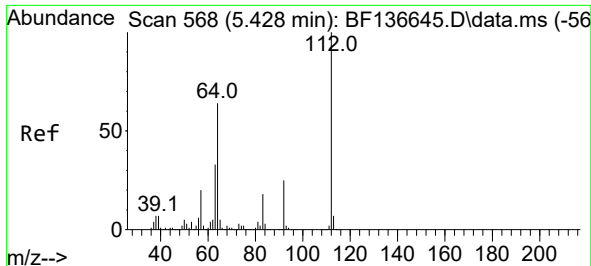
Tgt Ion: 79 Resp: 186562
Ion Ratio Lower Upper
79 100
52 82.6 67.7 101.5
51 39.6 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 40.364 ng
RT: 3.375 min Scan# 219
Delta R.T. 0.100 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion: 42 Resp: 129030
Ion Ratio Lower Upper
42 100
74 113.0 96.0 144.0
44 7.0 5.4 8.2

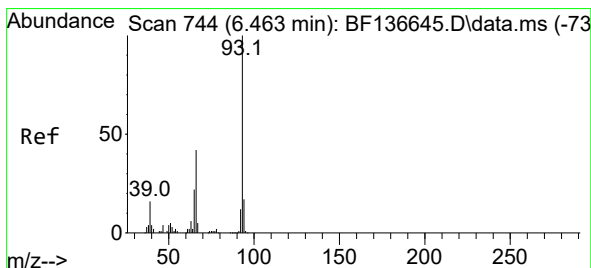
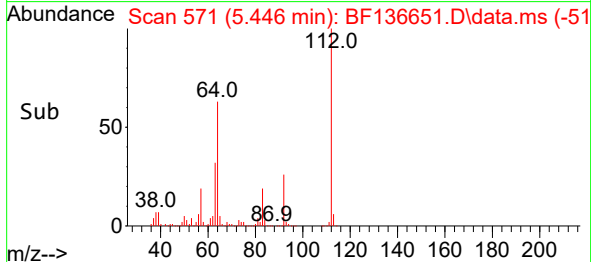
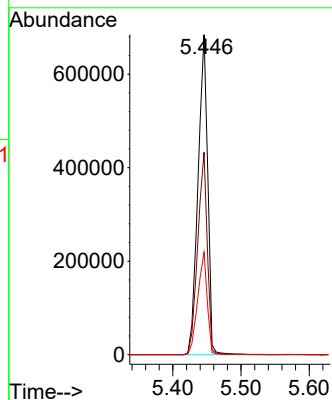
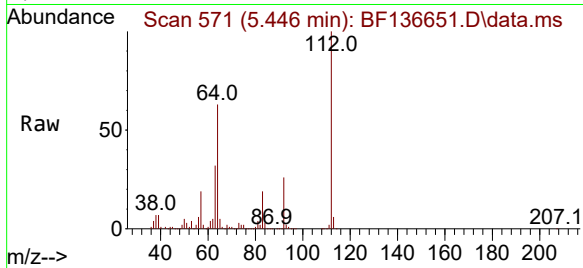




#5
2-Fluorophenol
Concen: 114.708 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

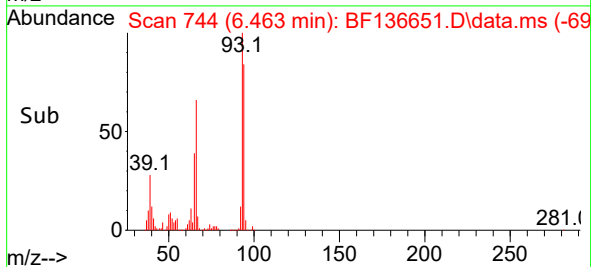
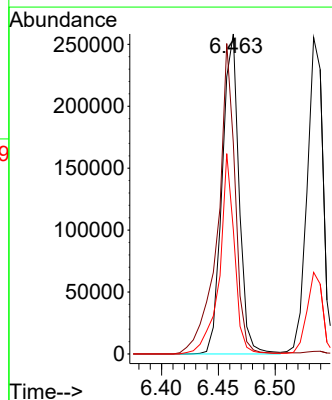
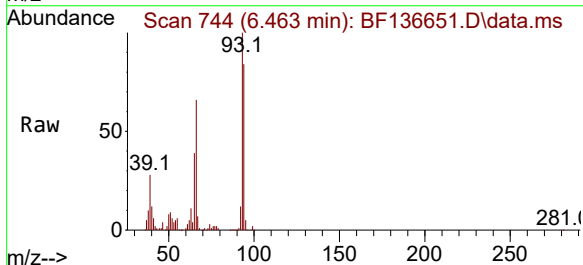
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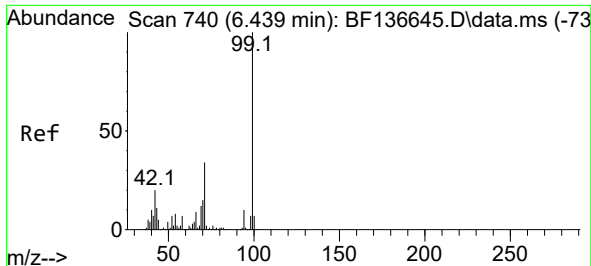
Tgt Ion:112 Resp: 675436
Ion Ratio Lower Upper
112 100
64 63.3 51.1 76.7
63 32.0 26.1 39.1



#6
Aniline
Concen: 35.143 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion: 93 Resp: 268081
Ion Ratio Lower Upper
93 100
66 65.9 34.6 51.8#
65 38.9 17.8 26.8#

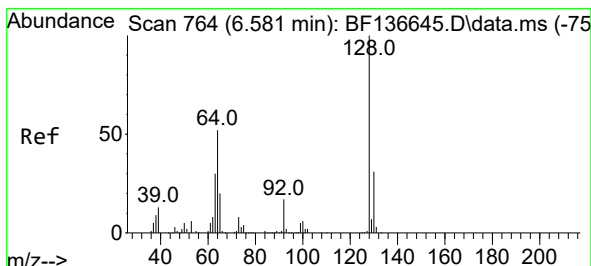
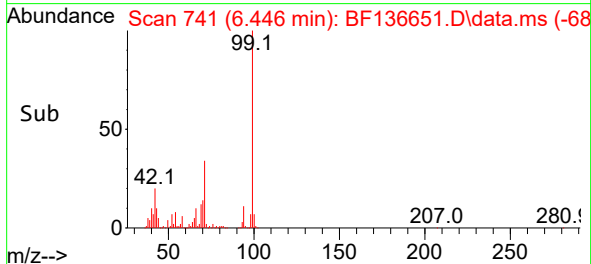
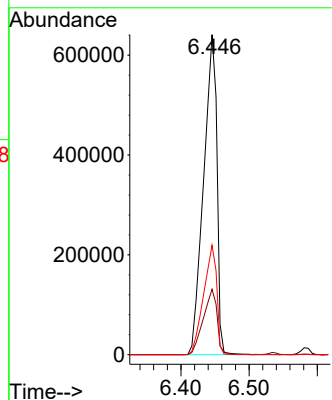
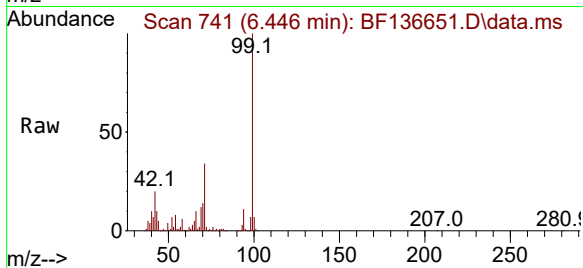




#7
Phenol-d6
Concen: 114.009 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

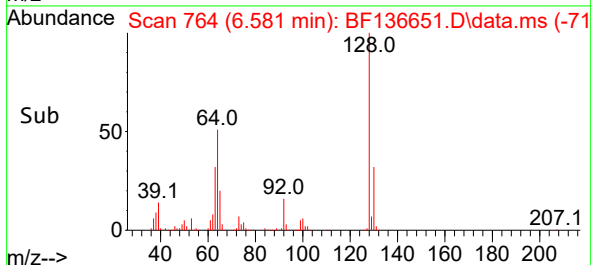
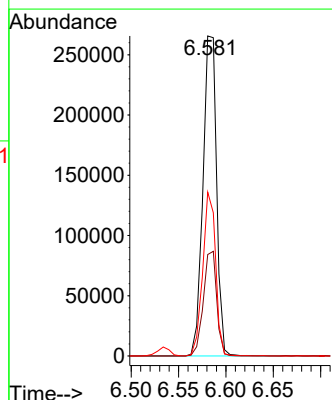
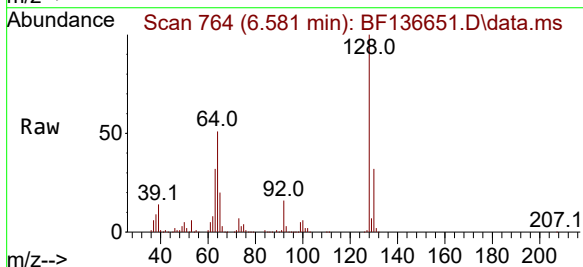
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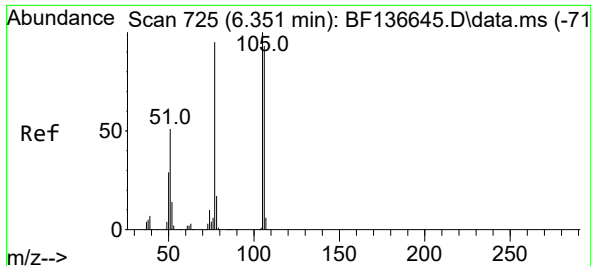
Tgt Ion: 99 Resp: 869867
Ion Ratio Lower Upper
99 100
42 20.5 16.1 24.1
71 34.2 27.4 41.2



#8
2-Chlorophenol
Concen: 41.471 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion: 128 Resp: 267229
Ion Ratio Lower Upper
128 100
130 31.7 11.3 51.3
64 51.2 32.5 72.5

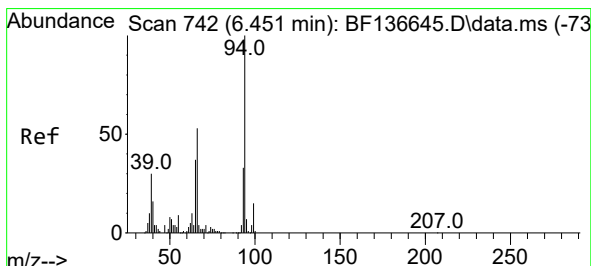
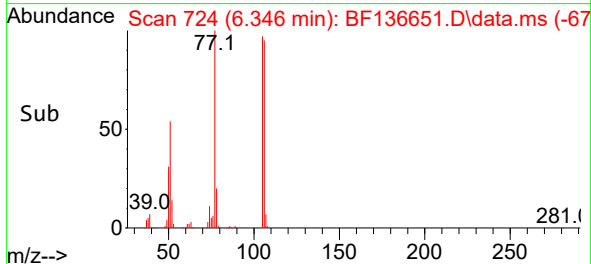
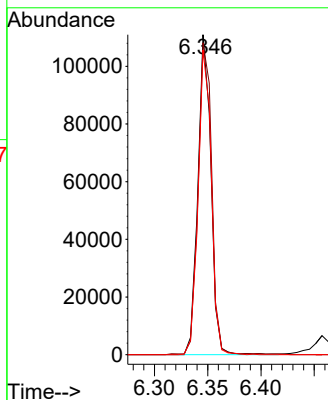
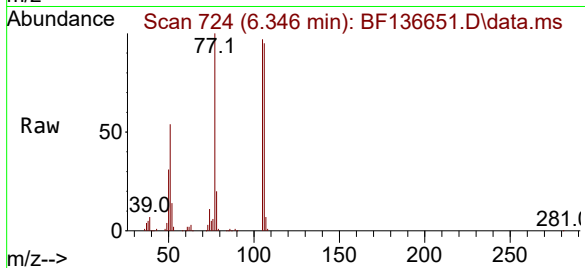




#9
Benzaldehyde
Concen: 21.861 ng
RT: 6.346 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

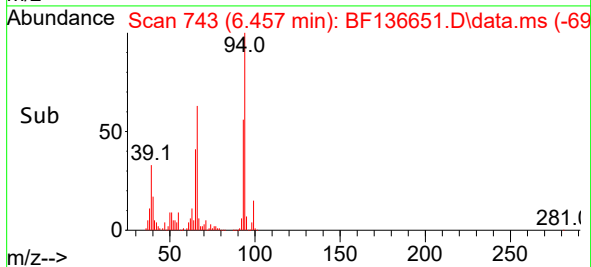
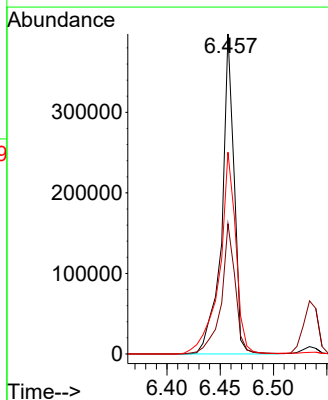
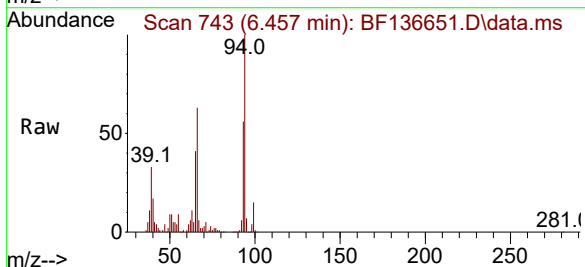
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ClientSampleId :
PB157585BS

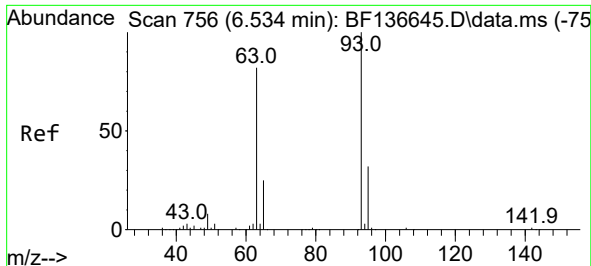
Tgt Ion: 77 Resp: 94874
Ion Ratio Lower Upper
77 100
105 97.5 84.8 124.8
106 95.2 77.8 117.8



#10
Phenol
Concen: 39.429 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion: 94 Resp: 321141
Ion Ratio Lower Upper
94 100
65 40.7 16.6 56.6
66 63.1 32.6 72.6

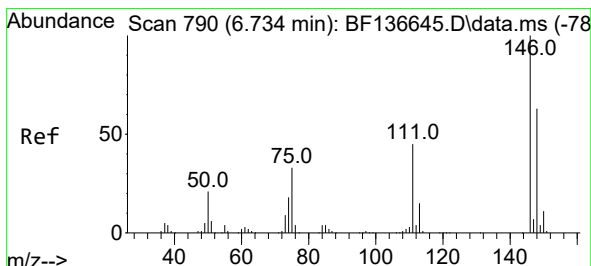
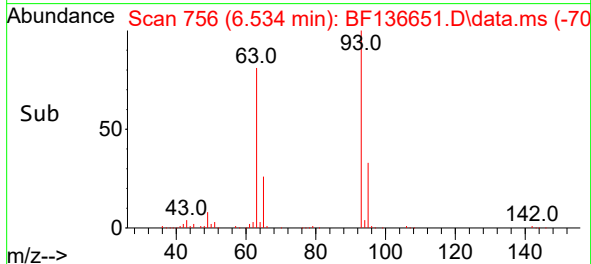
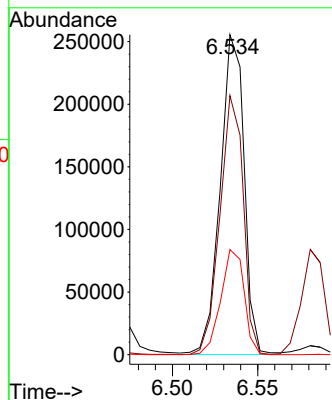
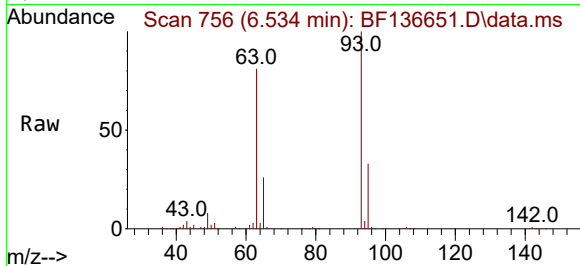




#11
bis(2-Chloroethyl)ether
Concen: 40.145 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

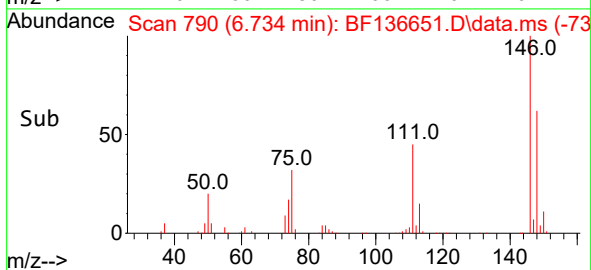
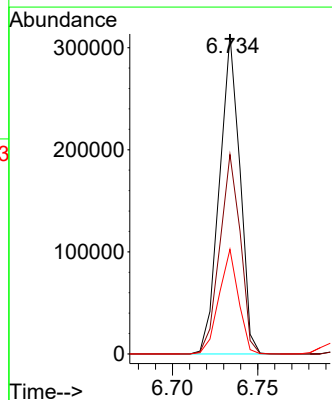
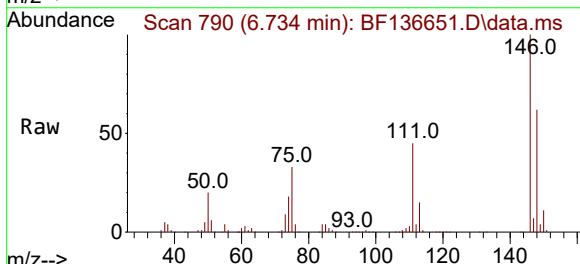
Instrument :
BNA_F
ClientSampleId :
PB157585BS

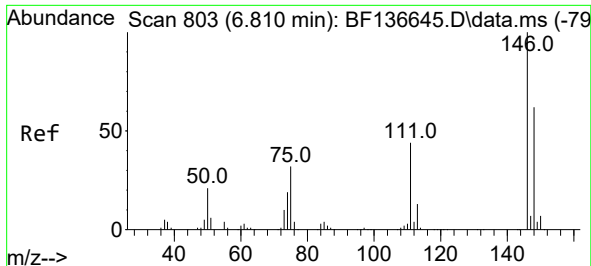
Tgt Ion:	93	Resp:	248661
Ion	Ratio	Lower	Upper
93	100		
63	81.0	61.2	101.2
95	32.8	11.6	51.6



#12
1,3-Dichlorobenzene
Concen: 36.941 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion:	146	Resp:	259674
Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.5	75.7
75	32.7	26.2	39.4

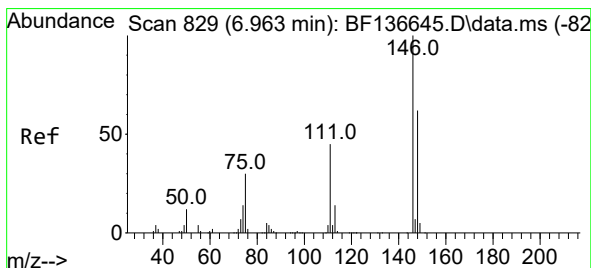
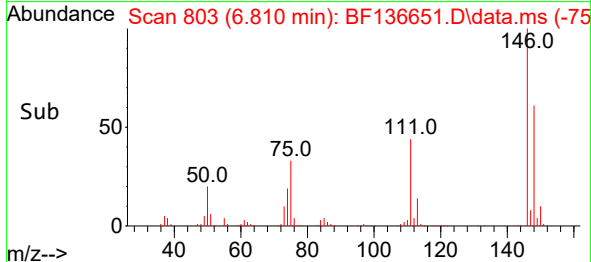
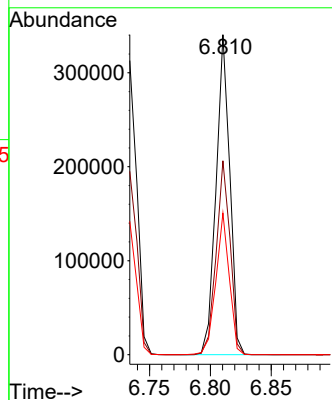
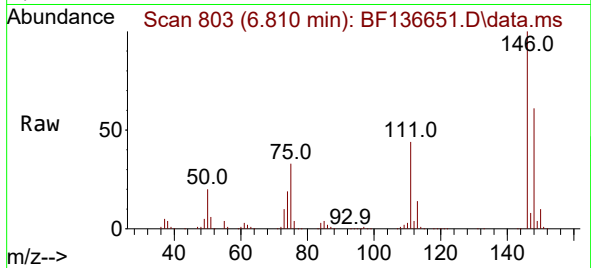




#13
1,4-Dichlorobenzene
Concen: 37.251 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

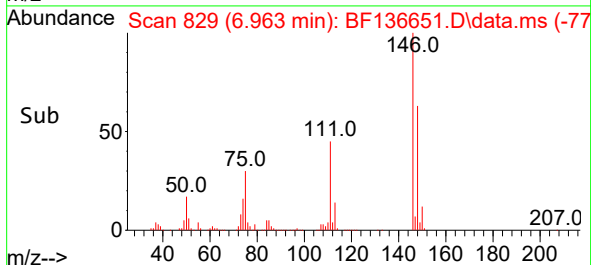
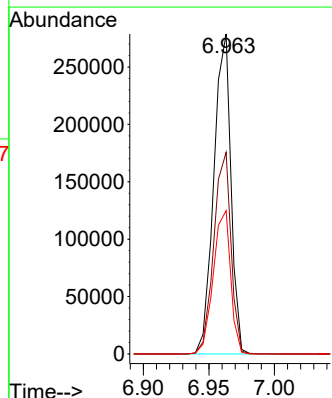
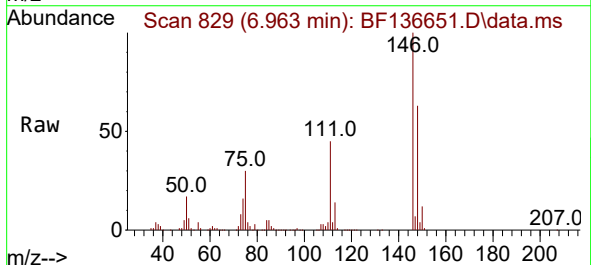
Instrument :
BNA_F
ClientSampleId :
PB157585BS

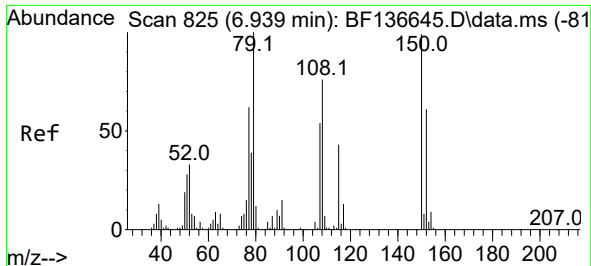
Tgt Ion:146 Resp: 267558
Ion Ratio Lower Upper
146 100
148 60.6 49.2 73.8
111 44.3 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 37.833 ng
RT: 6.963 min Scan# 829
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion:146 Resp: 252854
Ion Ratio Lower Upper
146 100
148 63.0 49.6 74.4
111 44.8 36.2 54.2

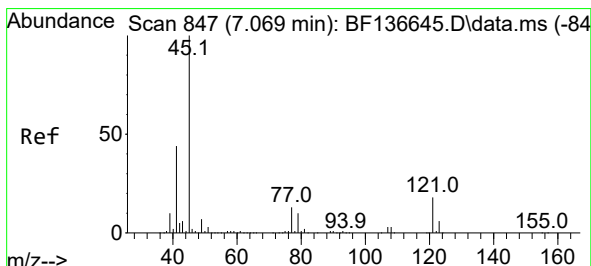
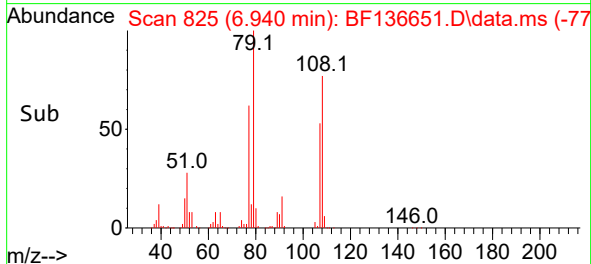
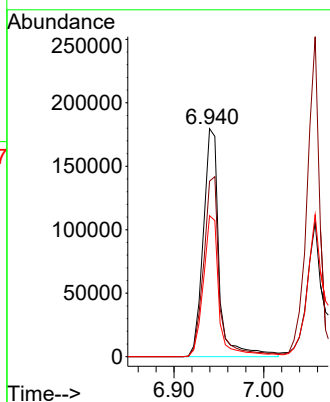
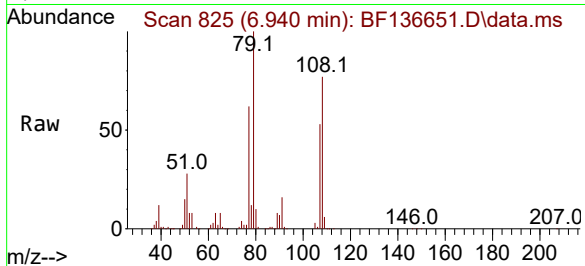




#15
Benzyl Alcohol
Concen: 42.778 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

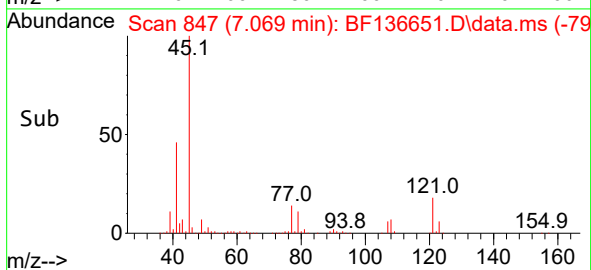
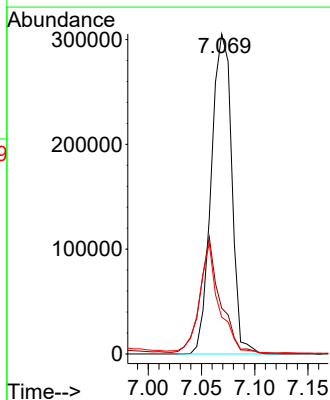
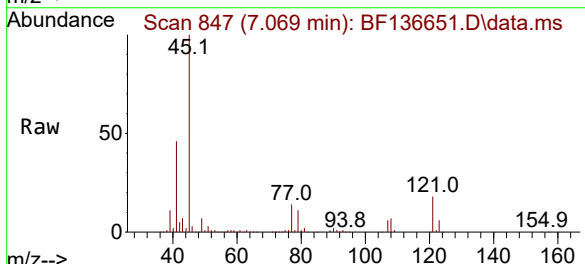
Instrument :
BNA_F
ClientSampleId :
PB157585BS

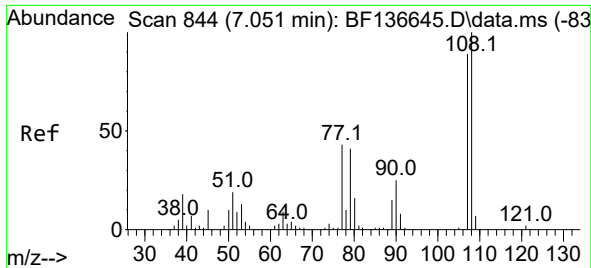
Tgt Ion: 79 Resp: 220195
Ion Ratio Lower Upper
79 100
108 77.0 61.0 91.6
77 61.9 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.235 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion: 45 Resp: 407459
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.3
79 11.5 0.0 31.4

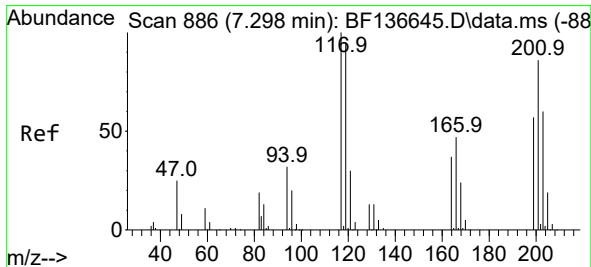
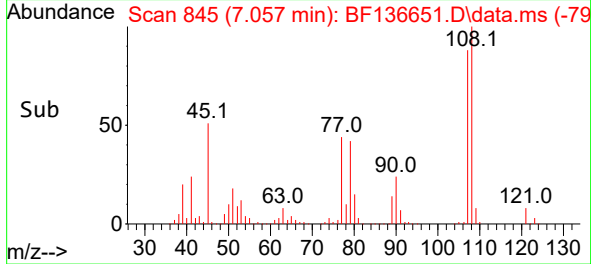
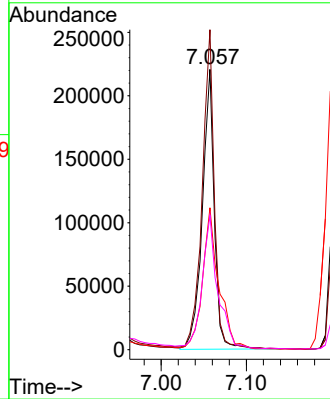
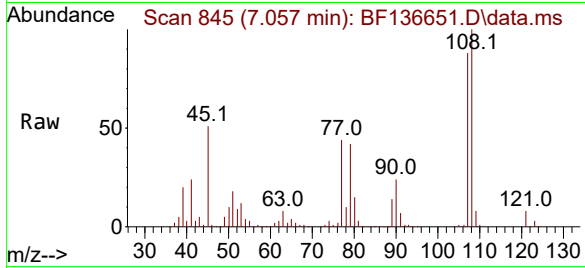




#17
2-Methylphenol
Concen: 40.636 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

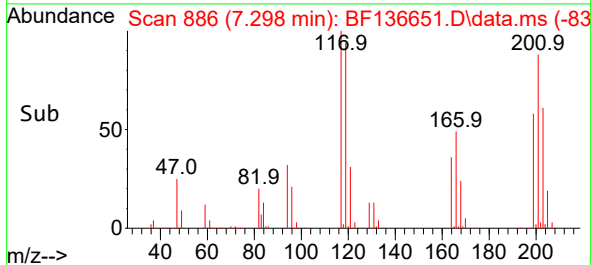
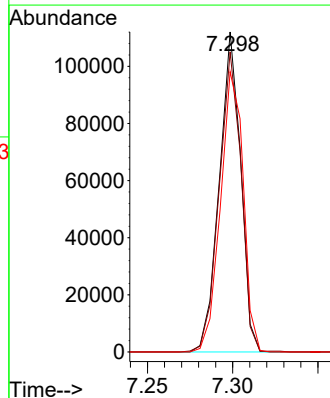
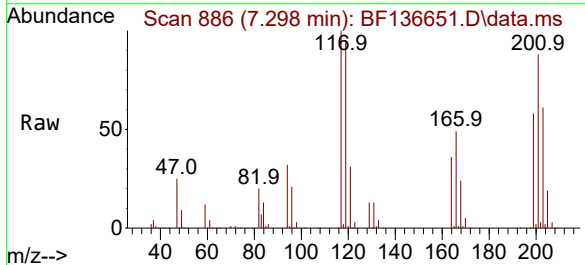
Instrument :
BNA_F
ClientSampleId :
PB157585BS

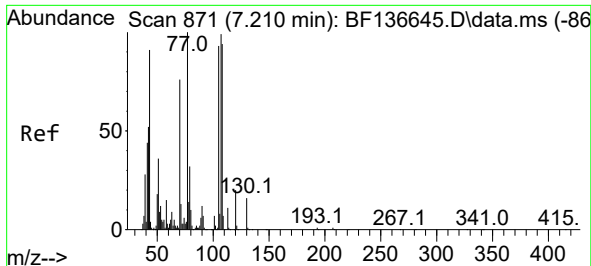
Tgt Ion:107 Resp: 216923
Ion Ratio Lower Upper
107 100
108 114.1 90.3 135.5
77 50.6 38.7 58.1
79 47.9 37.8 56.6



#18
Hexachloroethane
Concen: 37.423 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion:117 Resp: 97617
Ion Ratio Lower Upper
117 100
119 93.8 75.8 113.6
201 87.6 69.1 103.7

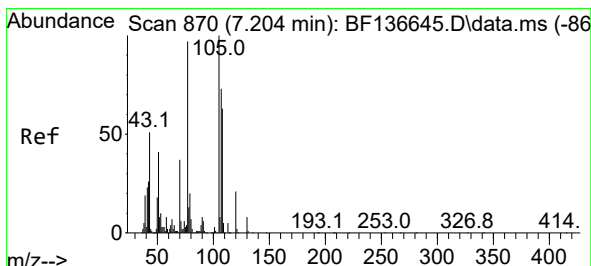
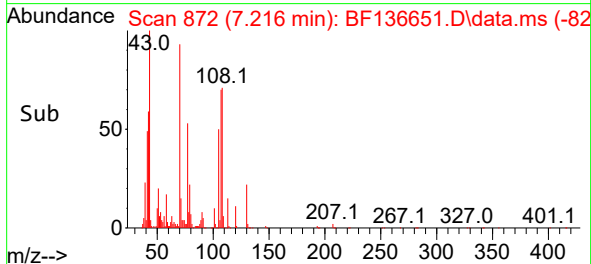
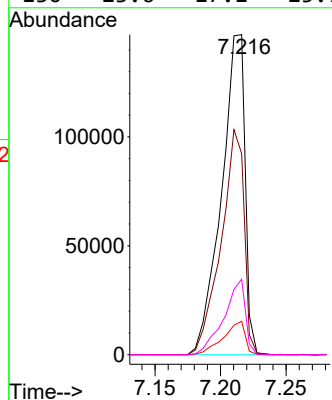
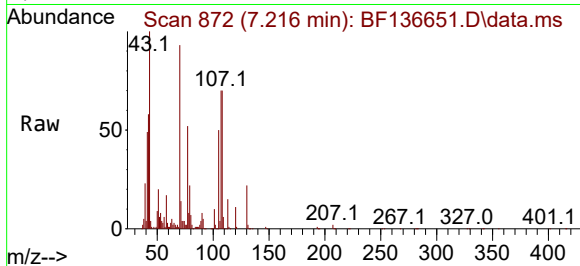




#19
n-Nitroso-di-n-propylamine
Concen: 39.826 ng
RT: 7.216 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

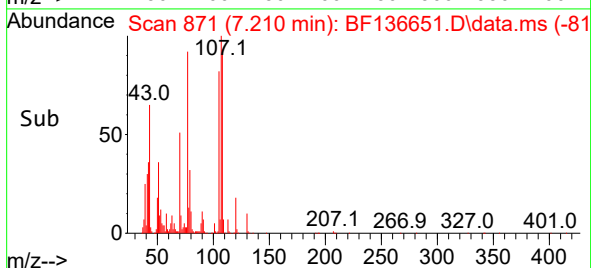
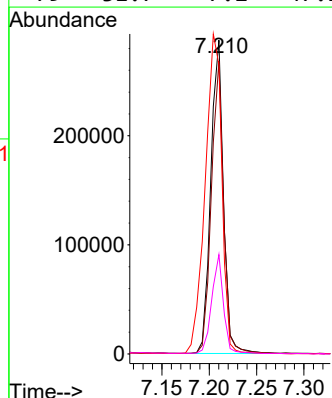
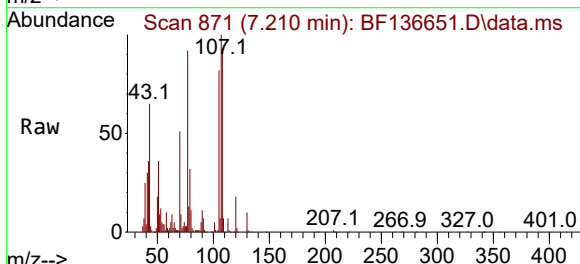
Instrument :
BNA_F
ClientSampleId :
PB157585BS

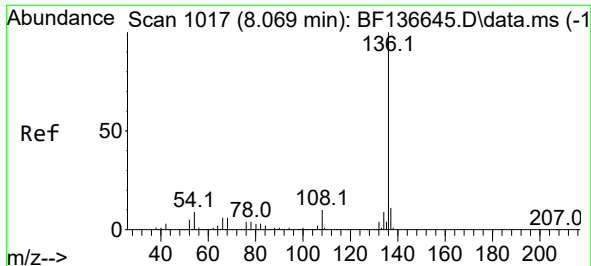
Tgt Ion: 70 Resp: 184199
Ion Ratio Lower Upper
70 100
42 62.9 54.2 81.4
101 10.5 7.6 11.4
130 23.6 17.1 25.7



#20
3+4-Methylphenols
Concen: 39.848 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion: 107 Resp: 265748
Ion Ratio Lower Upper
107 100
108 93.3 66.0 106.0
77 92.2 114.2 154.2#
79 31.7 7.2 47.2



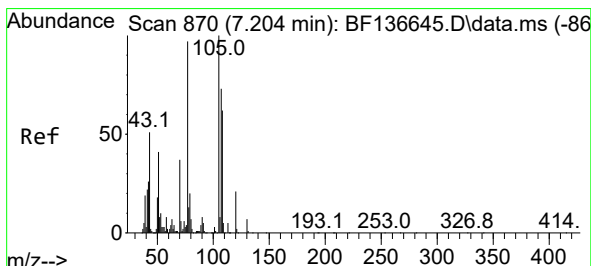
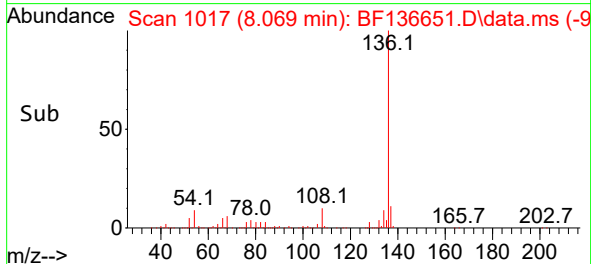
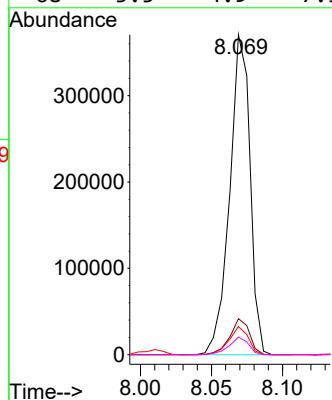
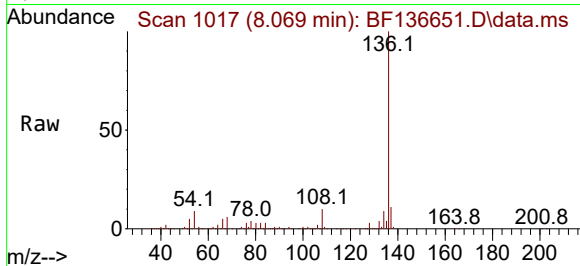


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Instrument :
BNA_F
ClientSampleId :
PB157585BS

Tgt Ion:136 Resp: 369581

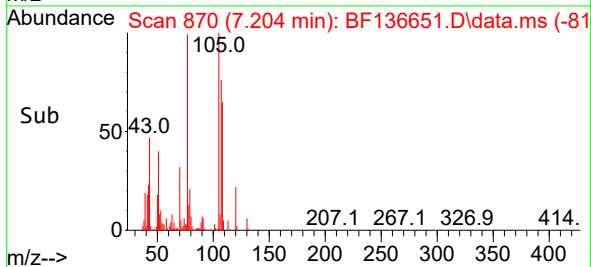
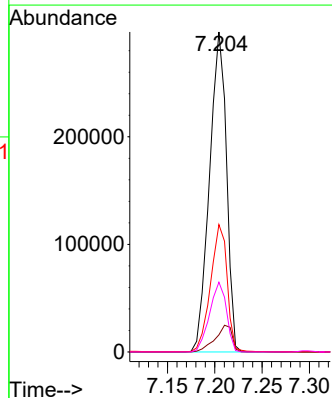
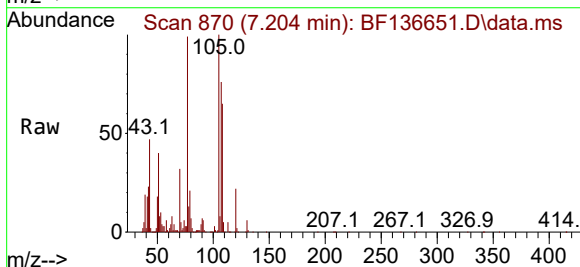
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.8	7.2	10.8
68	5.5	4.9	7.3

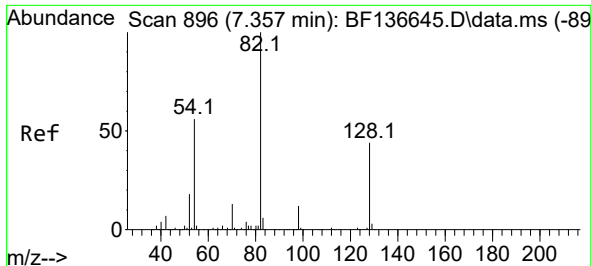


#22
Acetophenone
Concen: 39.907 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion:105 Resp: 369678

Ion	Ratio	Lower	Upper
105	100		
71	5.4	4.8	7.2
51	39.8	32.8	49.2
120	21.8	17.0	25.6





#23

Nitrobenzene-d5

Concen: 74.627 ng

RT: 7.363 min Scan# 89

Delta R.T. 0.006 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

Instrument :

BNA_F

ClientSampleId :

PB157585BS

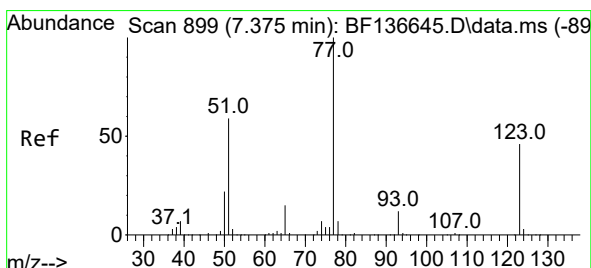
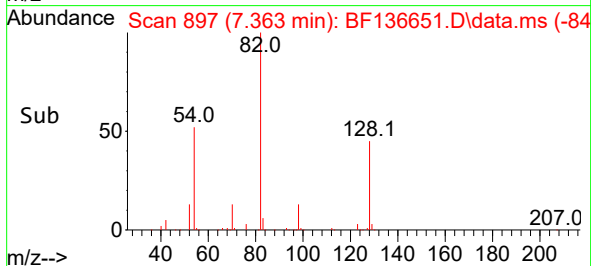
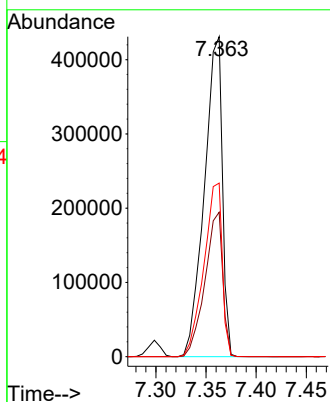
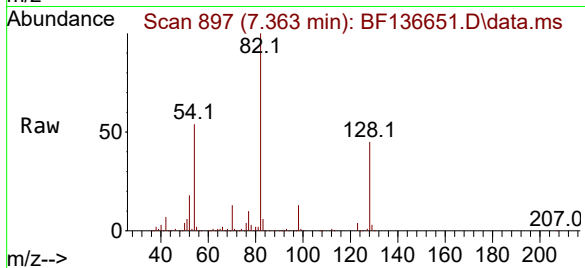
Tgt Ion: 82 Resp: 538992

Ion Ratio Lower Upper

82 100

128 45.2 35.3 52.9

54 54.3 44.5 66.7



#24

Nitrobenzene

Concen: 38.253 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.006 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

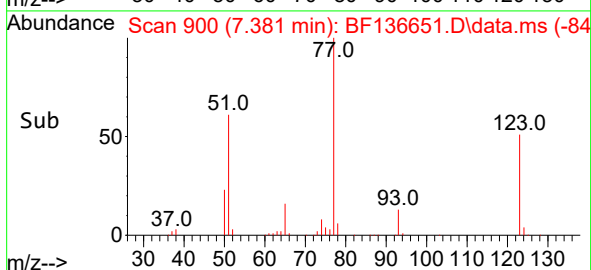
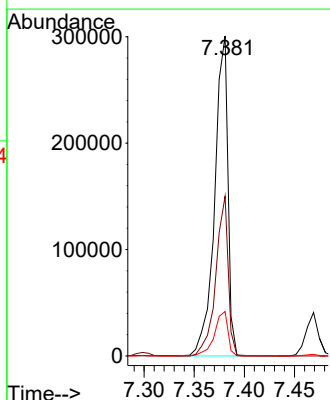
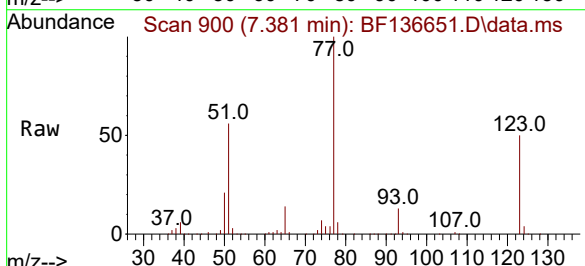
Tgt Ion: 77 Resp: 276764

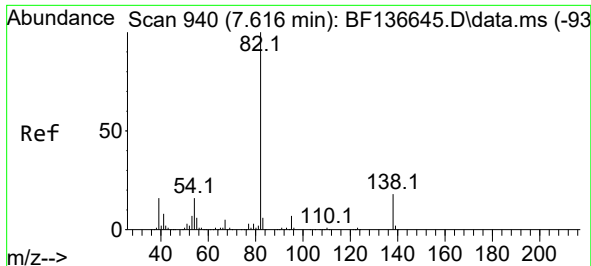
Ion Ratio Lower Upper

77 100

123 49.9 36.7 55.1

65 13.9 11.8 17.6

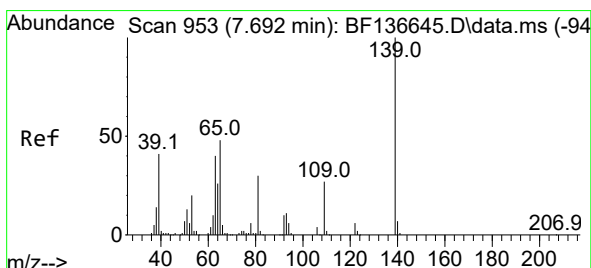
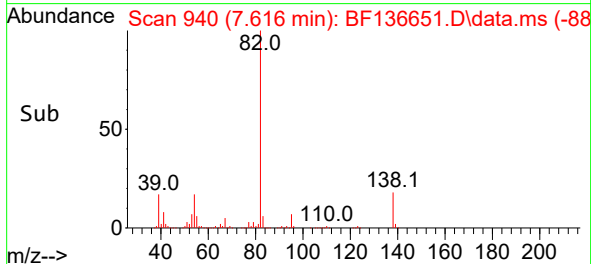
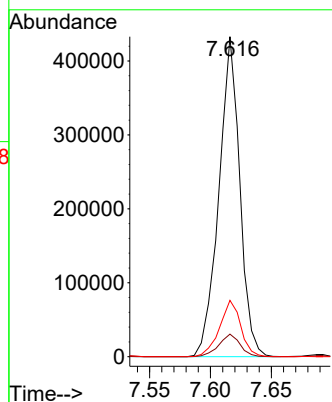
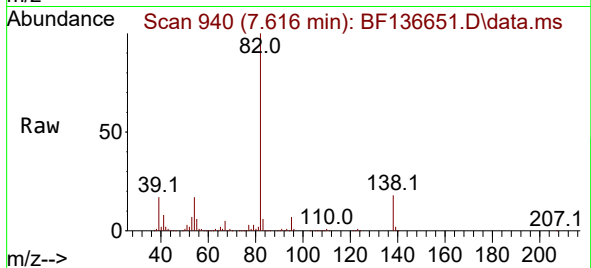




#25
Isophorone
Concen: 39.402 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

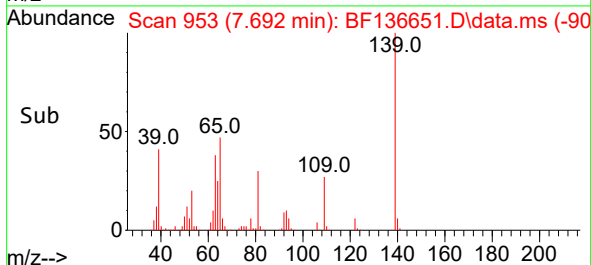
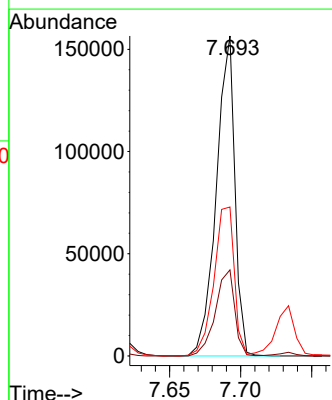
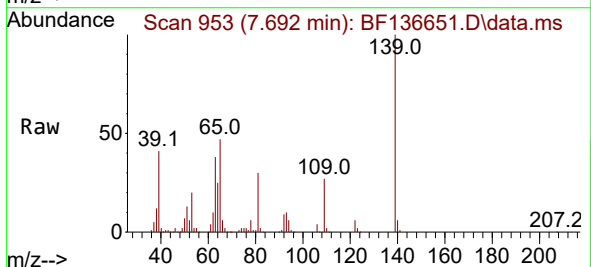
Instrument :
BNA_F
ClientSampleId :
PB157585BS

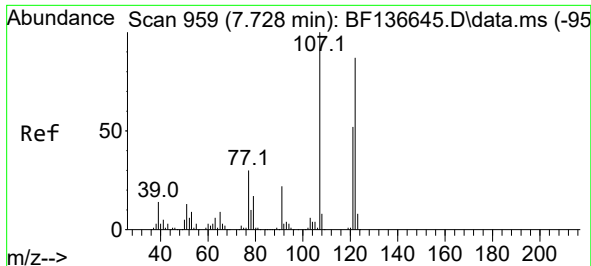
Tgt Ion: 82 Resp: 517818
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.6 14.5 21.7



#26
2-Nitrophenol
Concen: 41.056 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion: 139 Resp: 142117
Ion Ratio Lower Upper
139 100
109 26.9 21.9 32.9
65 46.6 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 56.590 ng

RT: 7.734 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

Instrument :

BNA_F

ClientSampleId :

PB157585BS

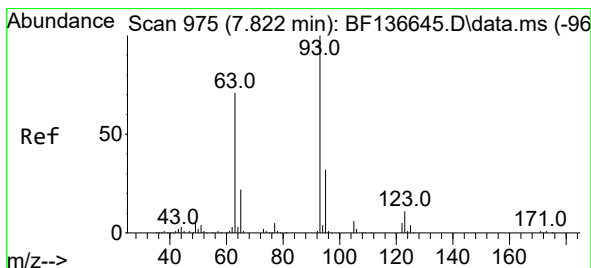
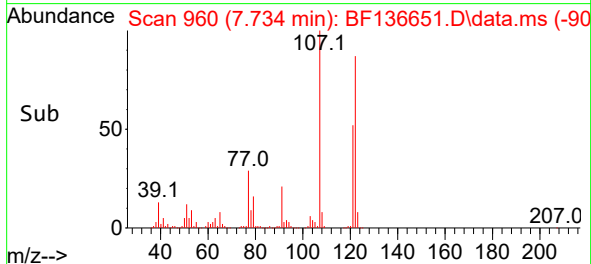
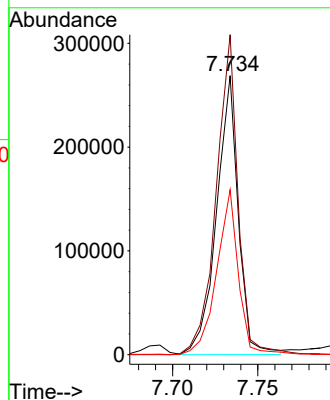
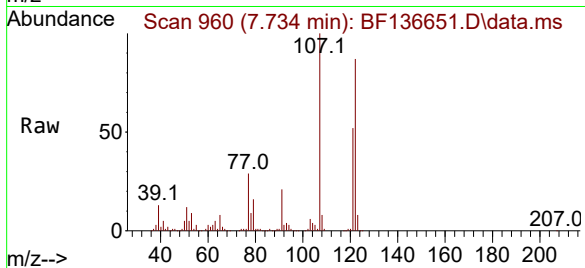
Tgt Ion:122 Resp: 238482

Ion Ratio Lower Upper

122 100

107 114.7 92.0 138.0

121 59.1 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.740 ng

RT: 7.828 min Scan# 976

Delta R.T. 0.006 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

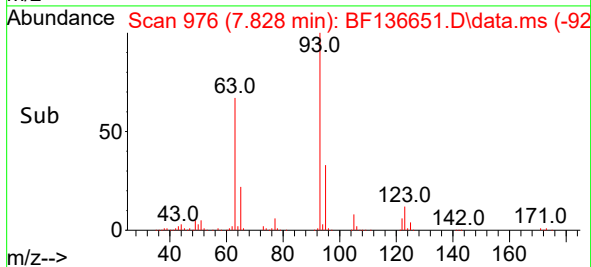
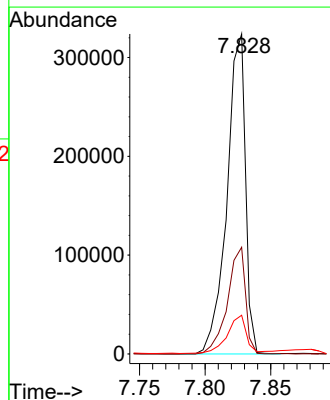
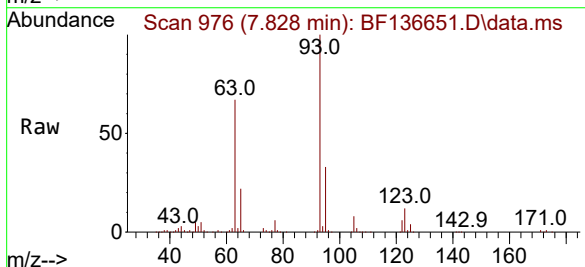
Tgt Ion: 93 Resp: 317461

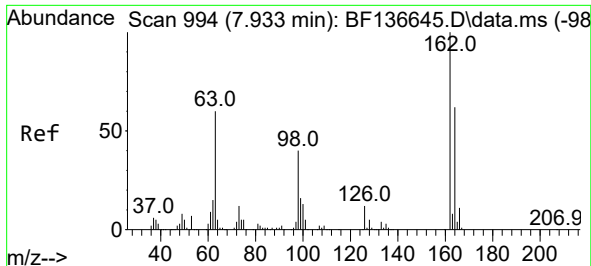
Ion Ratio Lower Upper

93 100

95 33.4 25.5 38.3

123 12.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.568 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

Instrument :

BNA_F

ClientSampleId :

PB157585BS

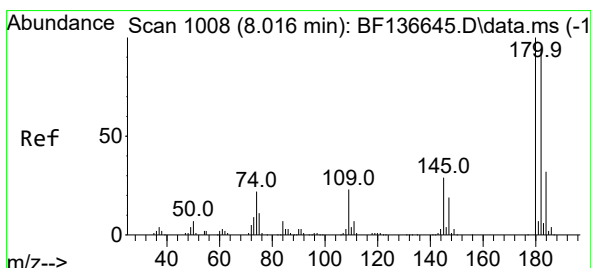
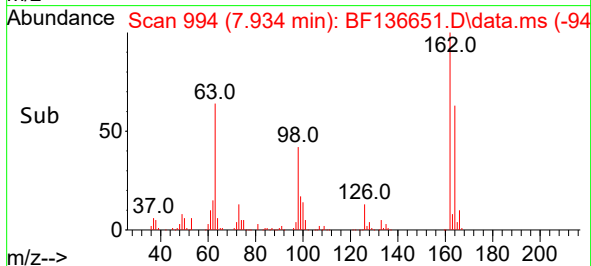
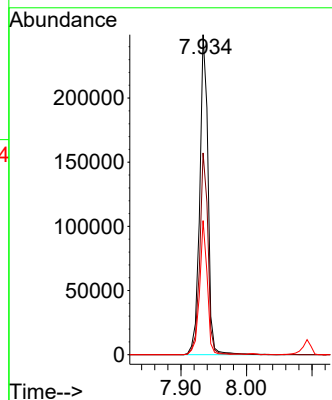
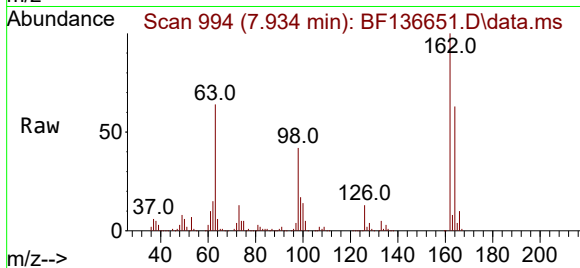
Tgt Ion:162 Resp: 220101

Ion Ratio Lower Upper

162 100

164 63.0 41.7 81.7

98 41.9 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 37.797 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

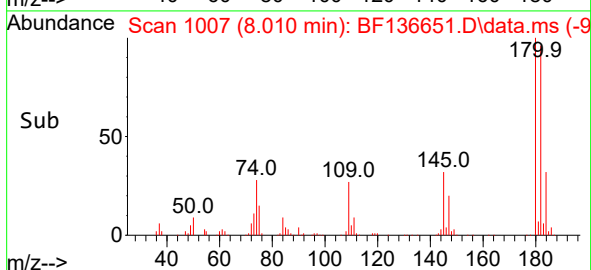
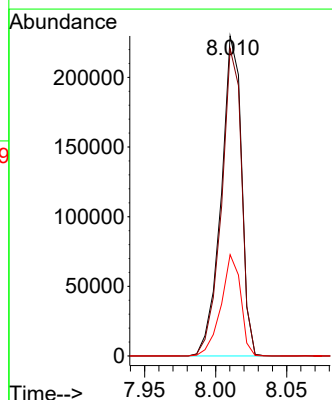
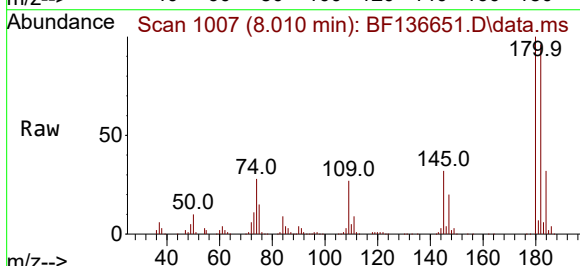
Tgt Ion:180 Resp: 228480

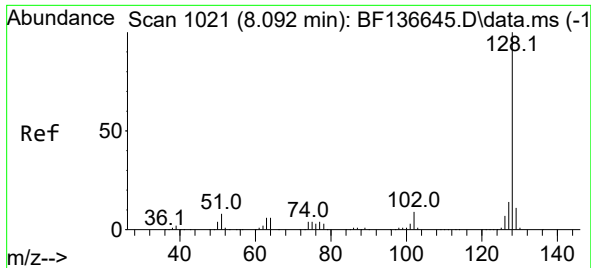
Ion Ratio Lower Upper

180 100

182 96.0 75.4 113.0

145 31.6 23.1 34.7

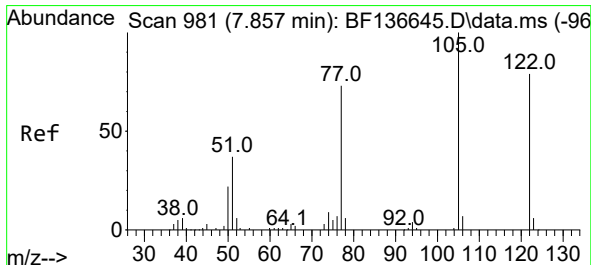
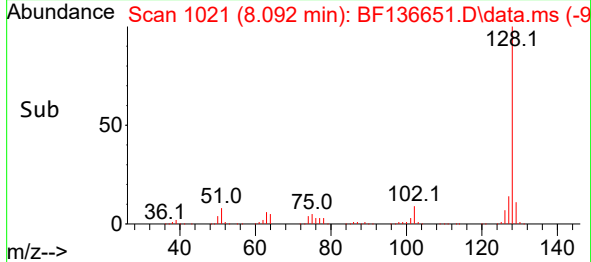
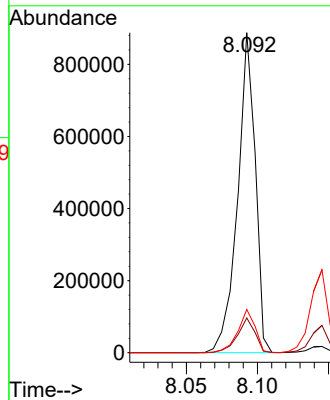
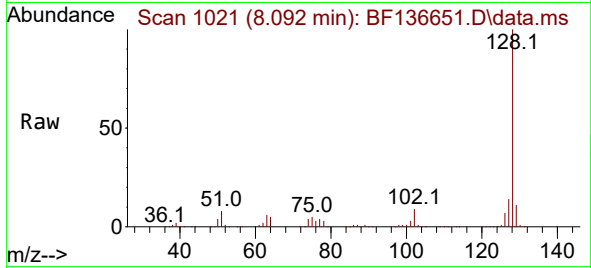




#31
Naphthalene
Concen: 37.826 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

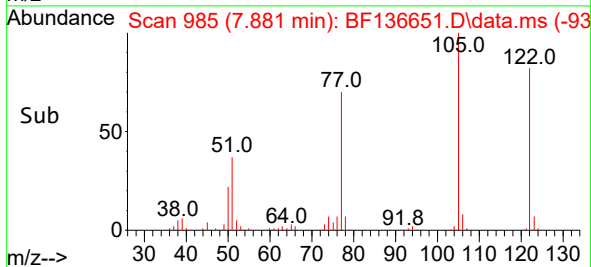
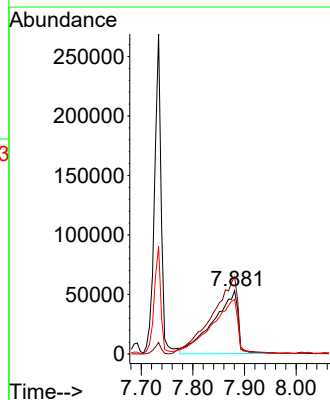
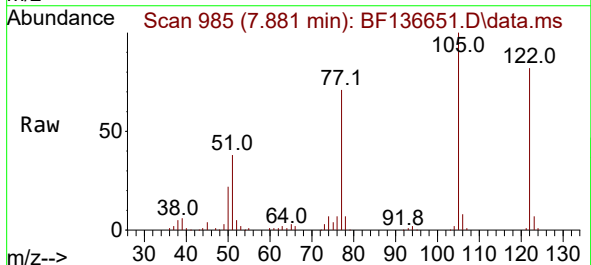
Instrument :
BNA_F
ClientSampleId :
PB157585BS

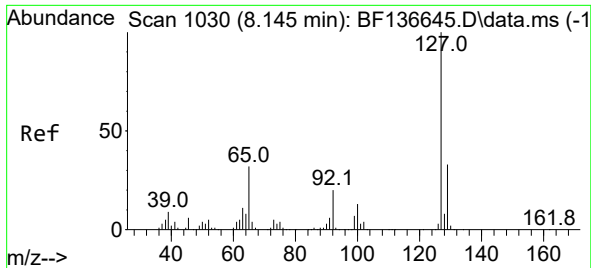
Tgt Ion:128 Resp: 768006
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 43.480 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.024 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion:122 Resp: 177291
Ion Ratio Lower Upper
122 100
105 122.2 100.8 140.8
77 86.5 70.9 110.9

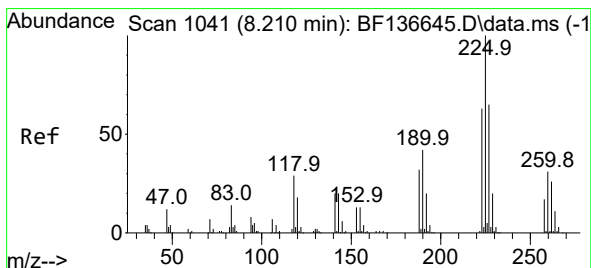
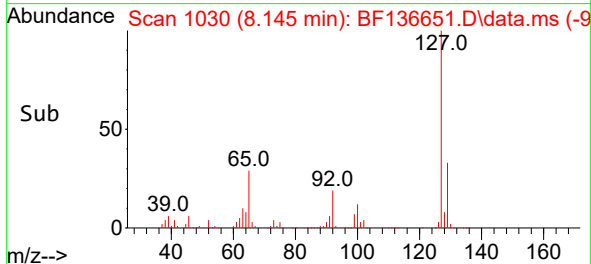
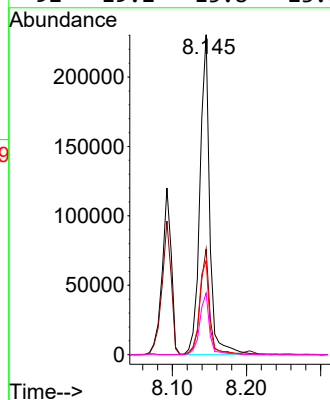
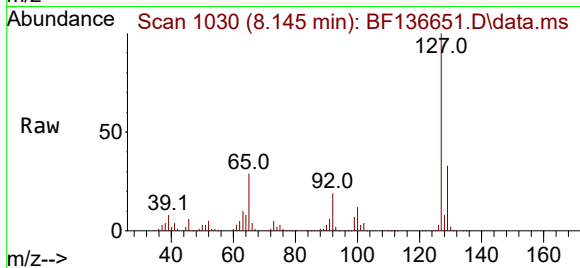




#33
4-Chloroaniline
Concen: 28.062 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

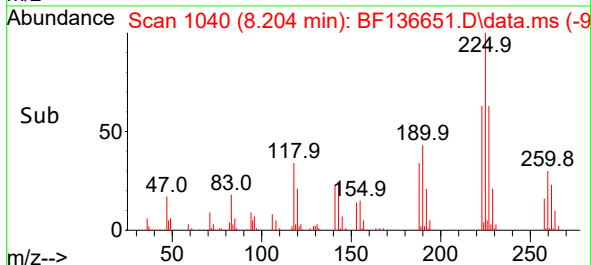
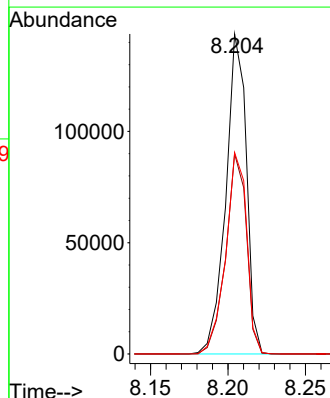
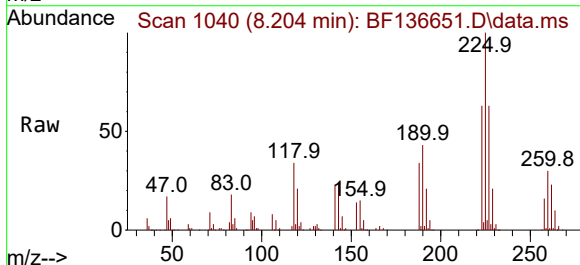
Instrument :
BNA_F
ClientSampleId :
PB157585BS

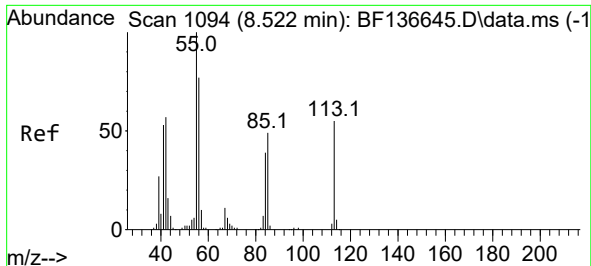
Tgt Ion:	127	Resp:	210369
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.3	39.5
65	29.3	25.8	38.8
92	19.2	15.8	23.6



#34
Hexachlorobutadiene
Concen: 36.096 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion:	225	Resp:	132569
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	62.9	51.9	77.9

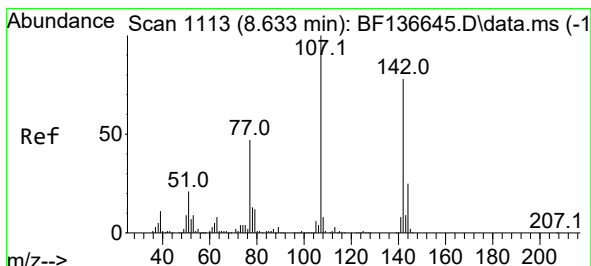
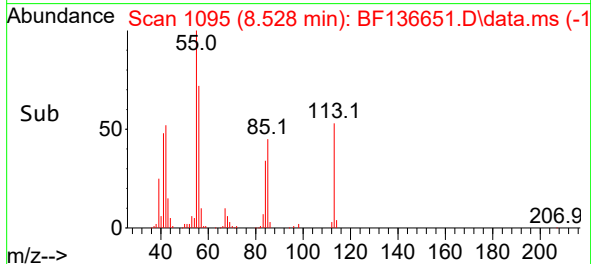
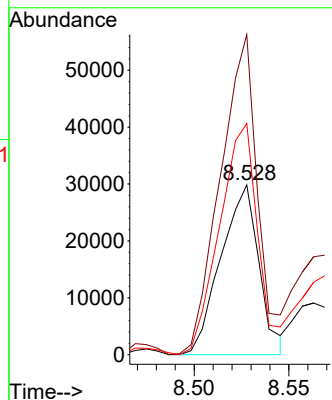
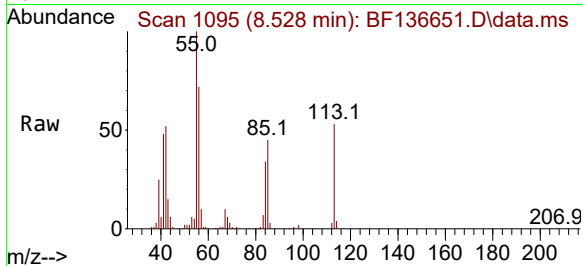




#35
 Caprolactam
 Concen: 23.274 ng
 RT: 8.528 min Scan# 1094
 Delta R.T. 0.006 min
 Lab File: BF136651.D
 Acq: 20 Dec 2023 16:53

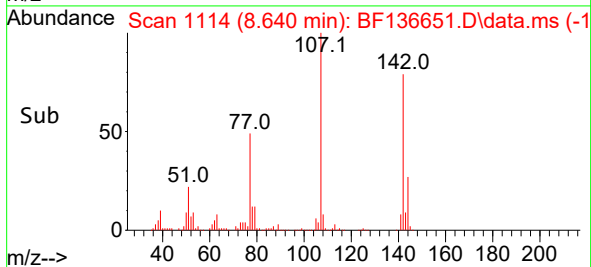
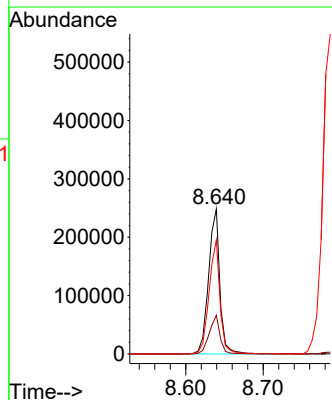
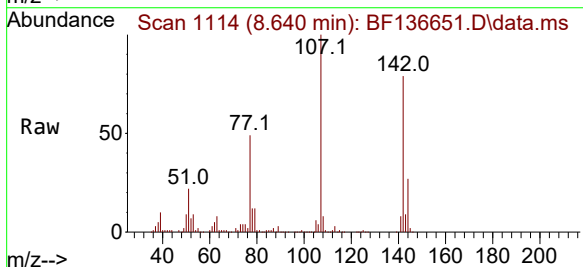
Instrument :
 BNA_F
 ClientSampleId :
 PB157585BS

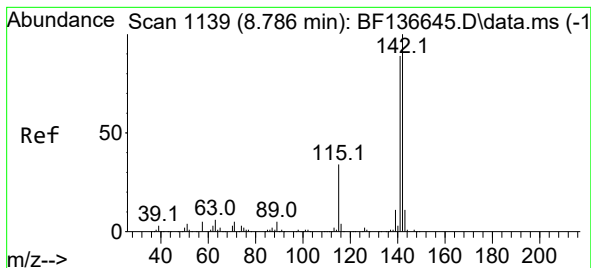
Tgt Ion:113 Resp: 41657
 Ion Ratio Lower Upper
 113 100
 55 188.5 163.1 203.1
 56 136.2 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.960 ng
 RT: 8.640 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF136651.D
 Acq: 20 Dec 2023 16:53

Tgt Ion:107 Resp: 250180
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.2 30.2
 142 78.6 62.3 93.5





#37

2-Methylnaphthalene

Concen: 38.806 ng

RT: 8.787 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

Instrument :

BNA_F

ClientSampleId :

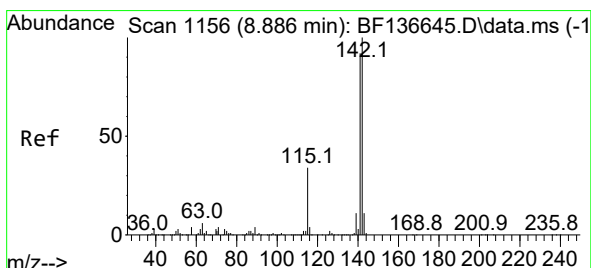
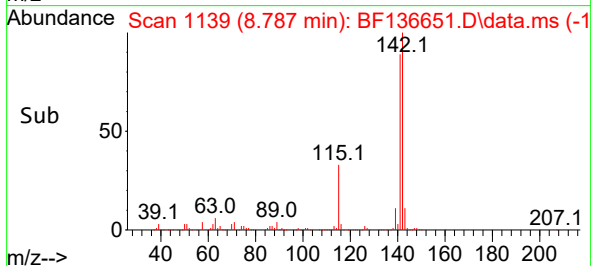
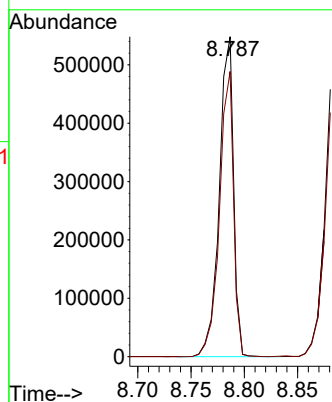
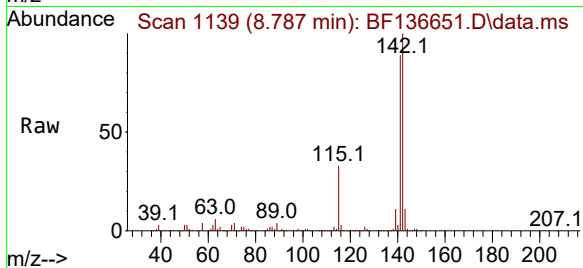
PB157585BS

Tgt Ion:142 Resp: 507076

Ion Ratio Lower Upper

142 100

141 89.1 71.1 106.7



#38

1-Methylnaphthalene

Concen: 36.427 ng

RT: 8.887 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF136651.D

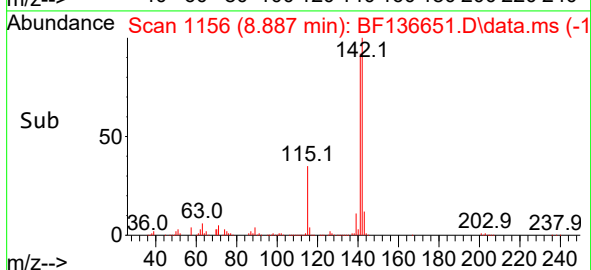
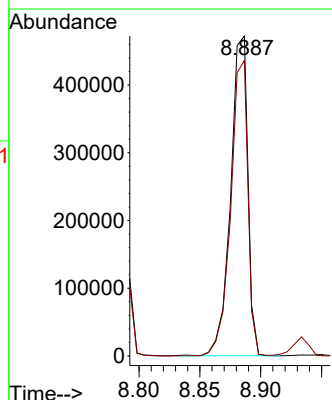
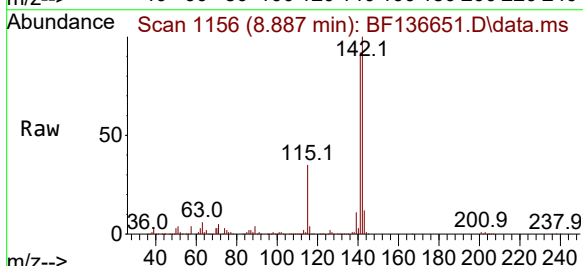
Acq: 20 Dec 2023 16:53

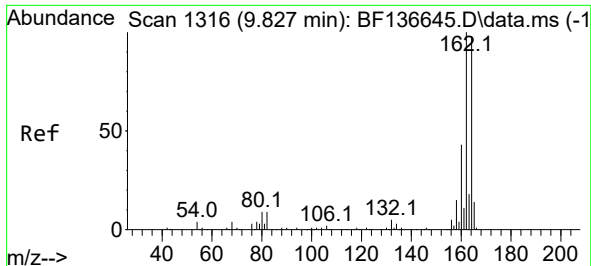
Tgt Ion:142 Resp: 466981

Ion Ratio Lower Upper

142 100

141 92.3 73.6 110.4

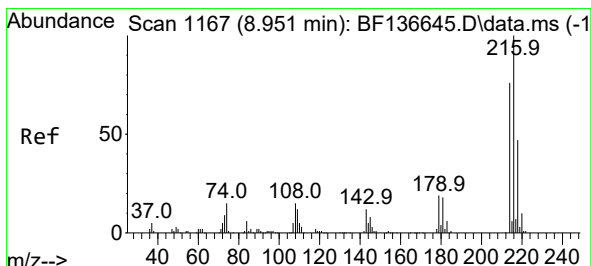
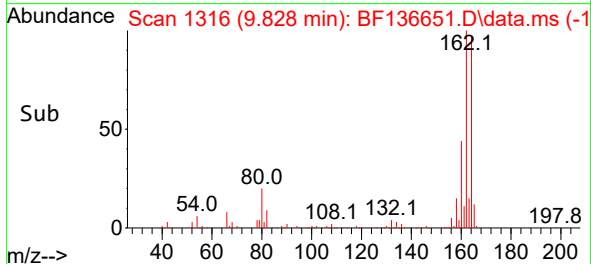
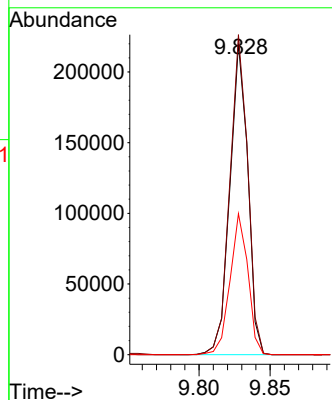
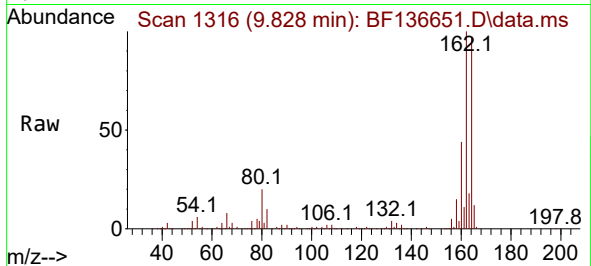




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

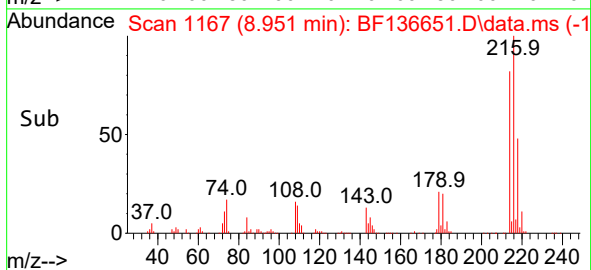
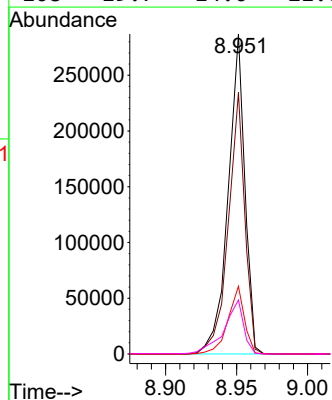
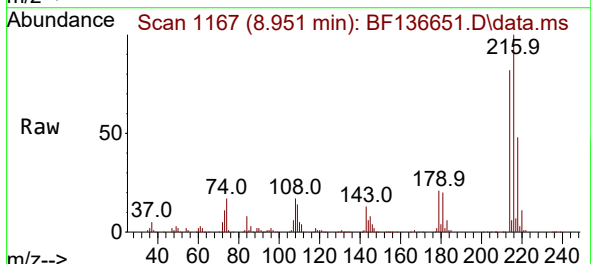
Instrument :
BNA_F
ClientSampleId :
PB157585BS

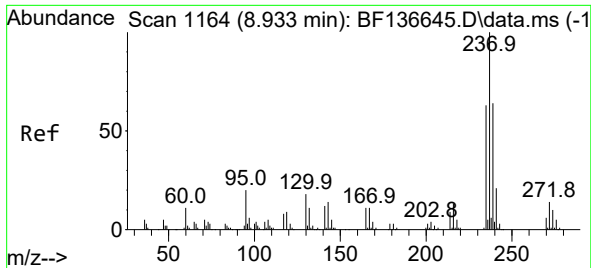
Tgt Ion:164 Resp: 193460
Ion Ratio Lower Upper
164 100
162 102.9 81.6 122.4
160 45.3 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.252 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

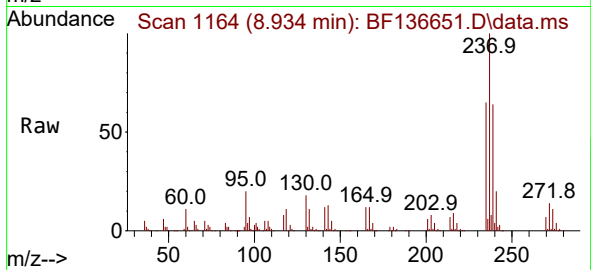
Tgt Ion:216 Resp: 235172
Ion Ratio Lower Upper
216 100
214 80.7 62.3 93.5
179 20.8 16.4 24.6
108 19.7 14.0 21.0



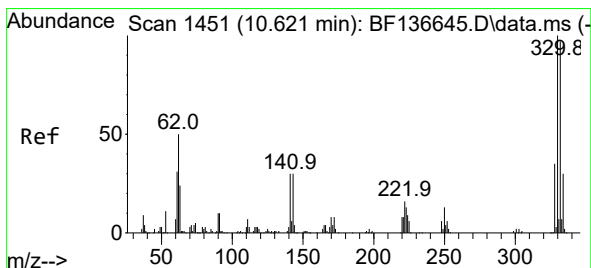
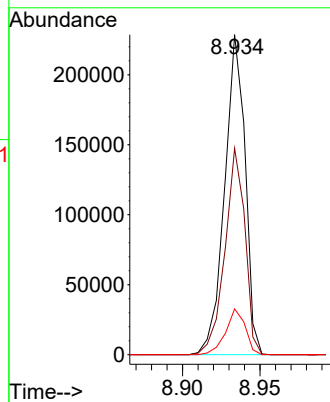
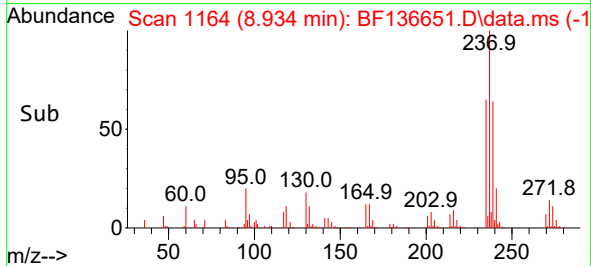


#41
Hexachlorocyclopentadiene
Concen: 108.328 ng
RT: 8.934 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

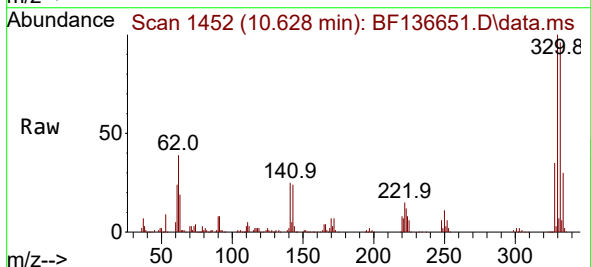
Instrument :
BNA_F
ClientSampleId :
PB157585BS



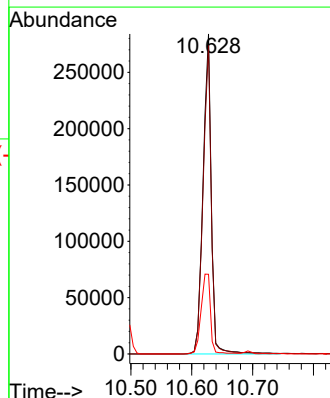
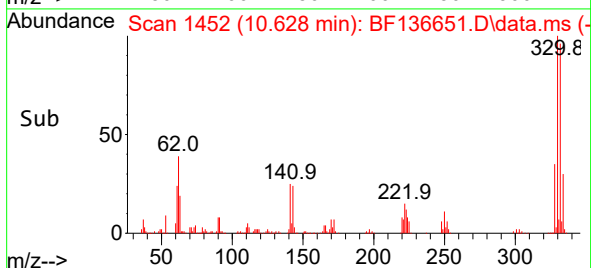
Tgt Ion:237 Resp: 210469
Ion Ratio Lower Upper
237 100
235 64.5 43.2 83.2
272 14.3 0.0 34.2

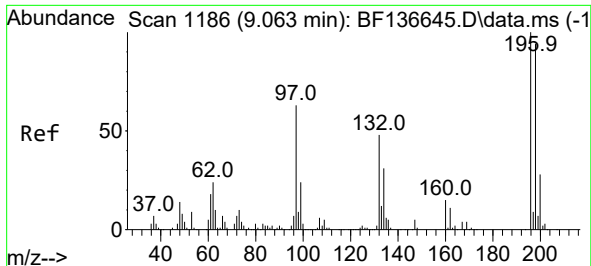


#42
2,4,6-Tribromophenol
Concen: 116.442 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53



Tgt Ion:330 Resp: 265304
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 28.6 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 41.727 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

Instrument :

BNA_F

ClientSampleId :

PB157585BS

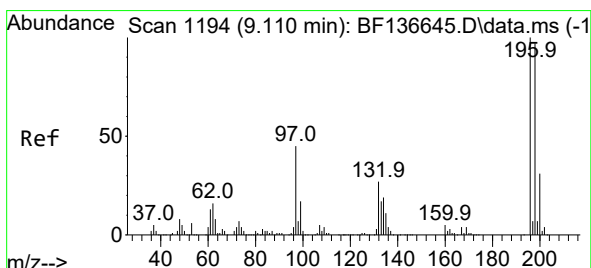
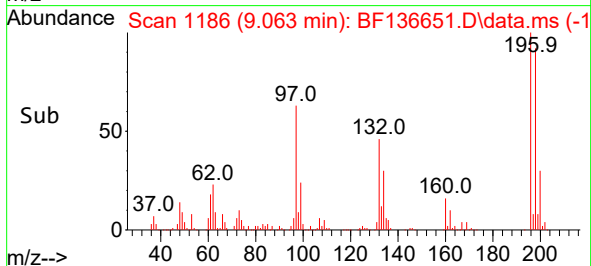
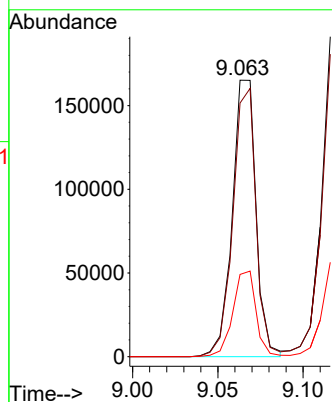
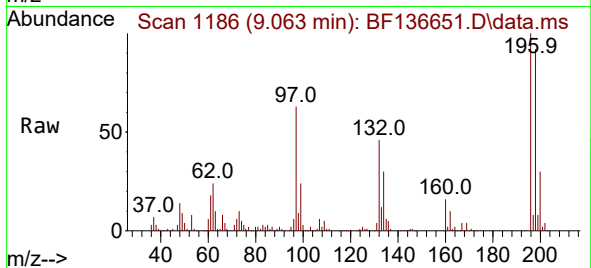
Tgt Ion:196 Resp: 160332

Ion Ratio Lower Upper

196 100

198 91.7 75.1 112.7

200 29.8 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 40.992 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

Tgt Ion:196 Resp: 175518

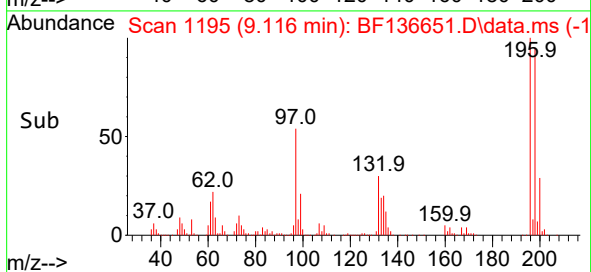
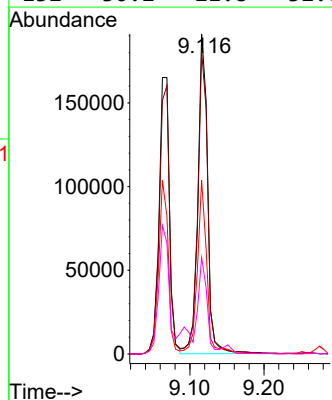
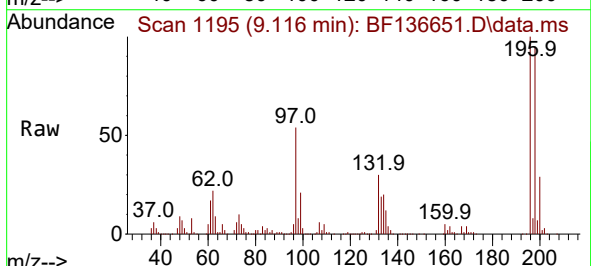
Ion Ratio Lower Upper

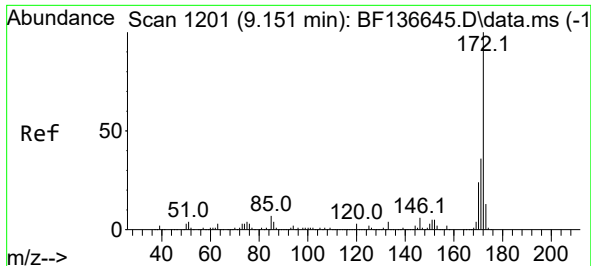
196 100

198 94.6 77.0 115.6

97 54.3 36.1 54.1#

132 30.2 21.8 32.6

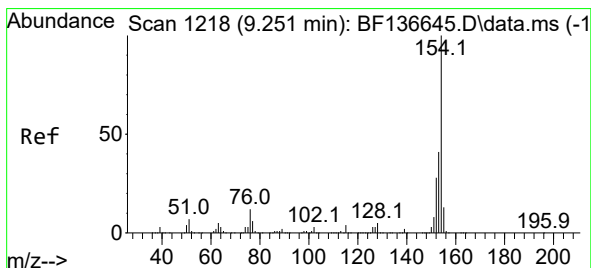
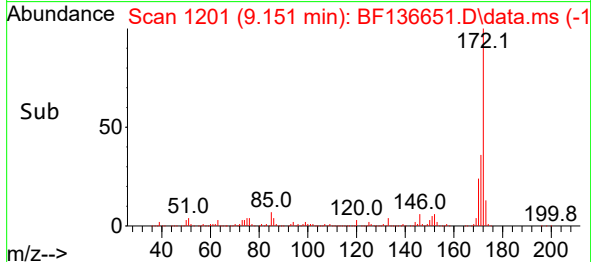
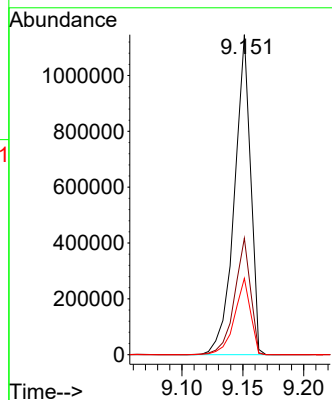
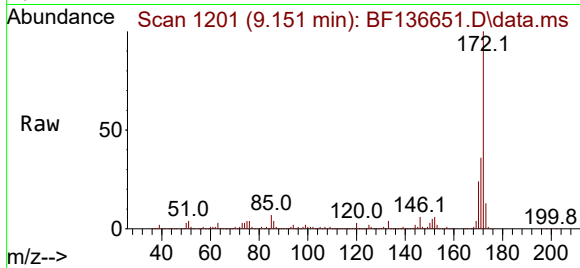




#45
2-Fluorobiphenyl
Concen: 73.441 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

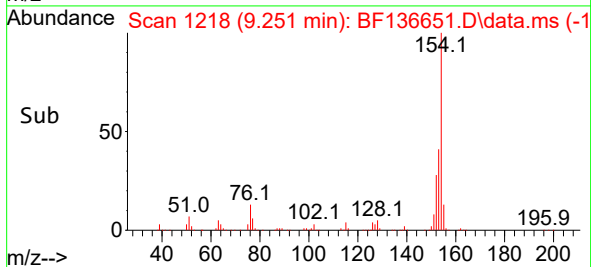
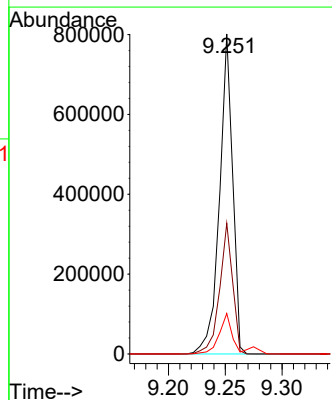
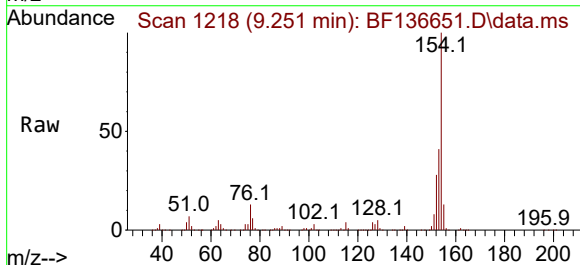
Instrument :
BNA_F
ClientSampleId :
PB157585BS

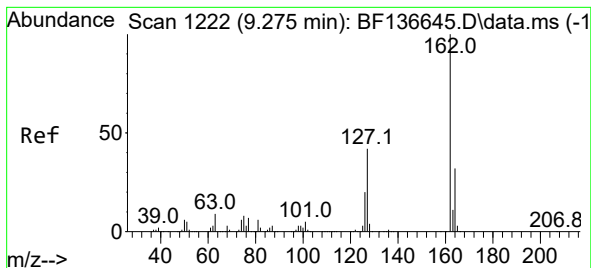
Tgt Ion:172 Resp: 1056361
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 23.8 19.0 28.4



#46
1,1'-Biphenyl
Concen: 39.791 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion:154 Resp: 645978
Ion Ratio Lower Upper
154 100
153 40.8 21.1 61.1
76 12.6 0.0 31.7





#47

2-Chloronaphthalene

Concen: 38.799 ng

RT: 9.275 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

Instrument :

BNA_F

ClientSampleId :

PB157585BS

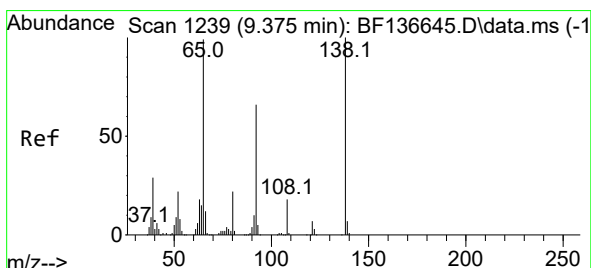
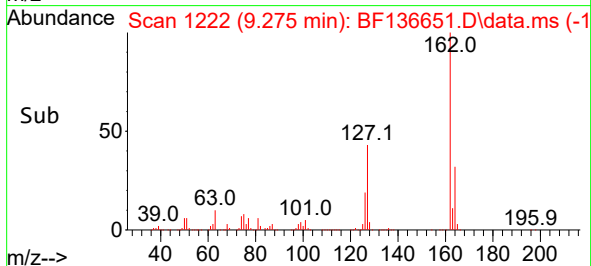
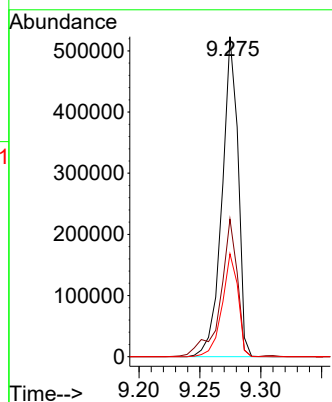
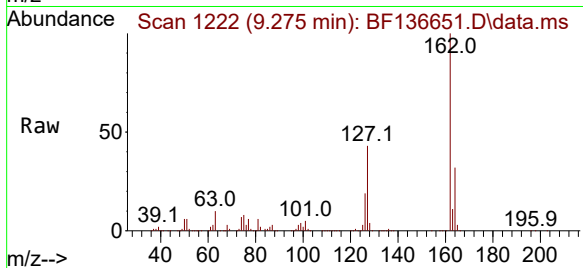
Tgt Ion:162 Resp: 478837

Ion Ratio Lower Upper

162 100

127 43.0 33.6 50.4

164 32.1 25.7 38.5



#48

2-Nitroaniline

Concen: 41.798 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

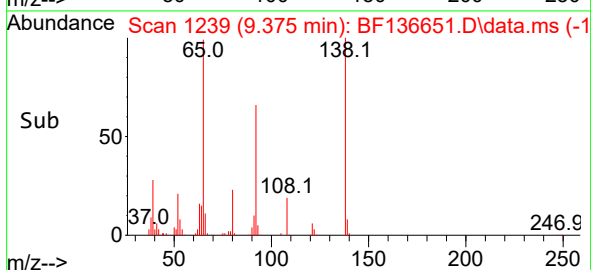
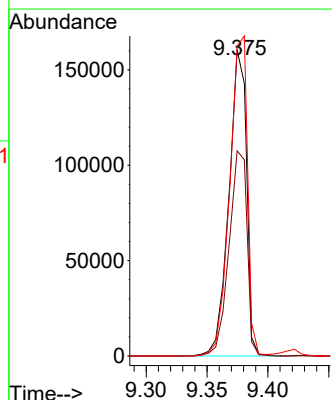
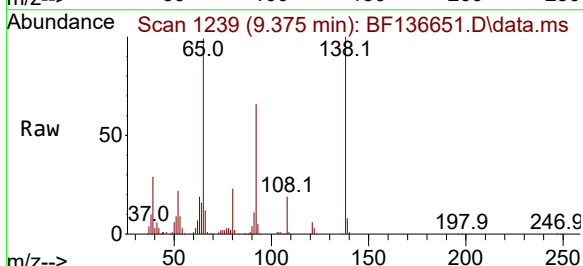
Tgt Ion: 65 Resp: 161537

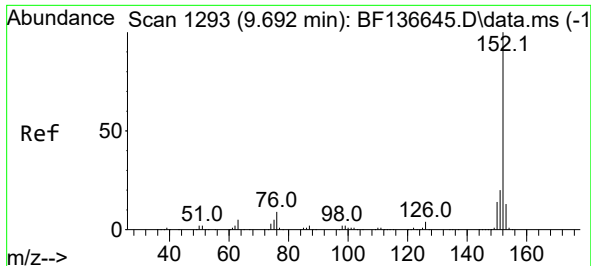
Ion Ratio Lower Upper

65 100

92 67.0 53.2 79.8

138 101.3 81.1 121.7





#49

Acenaphthylene

Concen: 40.123 ng

RT: 9.692 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

Instrument :

BNA_F

ClientSampleId :

PB157585BS

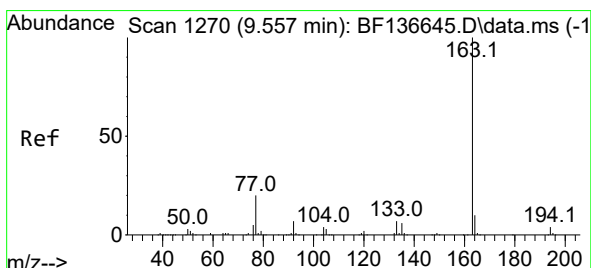
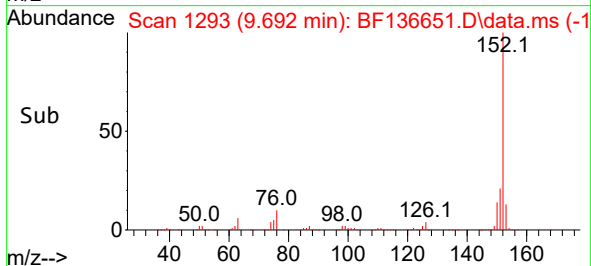
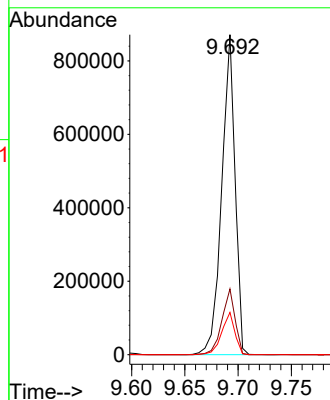
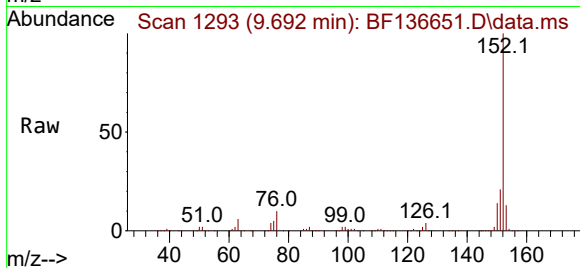
Tgt Ion:152 Resp: 756866

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 13.2 10.2 15.2



#50

Dimethylphthalate

Concen: 41.002 ng

RT: 9.557 min Scan# 1270

Delta R.T. 0.000 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

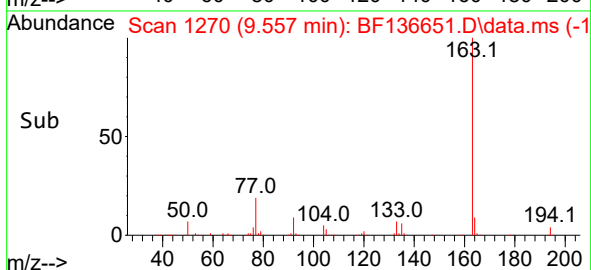
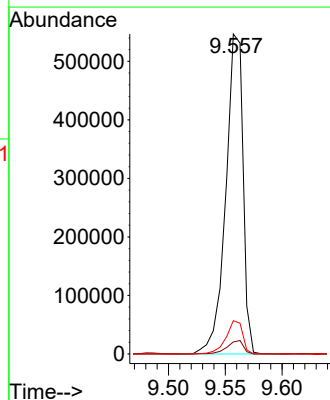
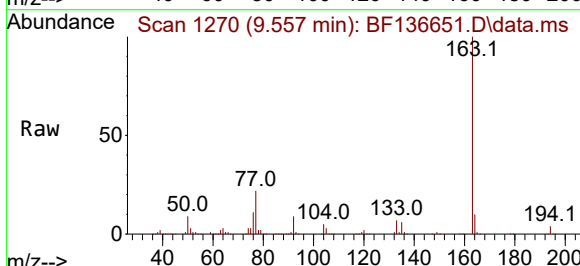
Tgt Ion:163 Resp: 579389

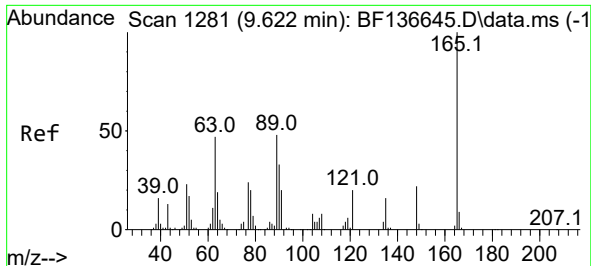
Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

164 10.4 7.8 11.6

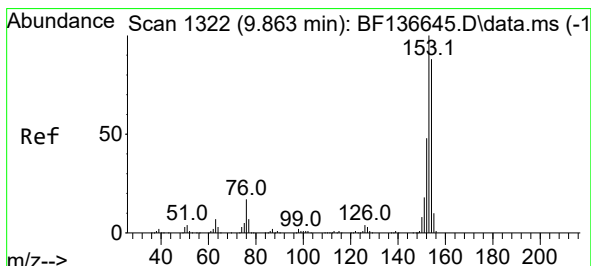
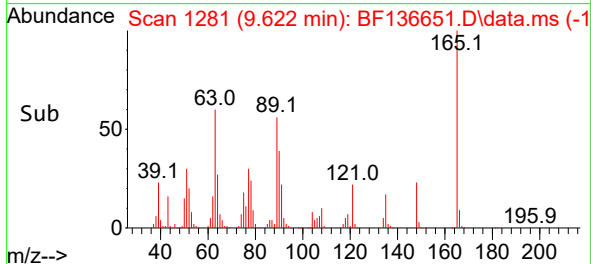
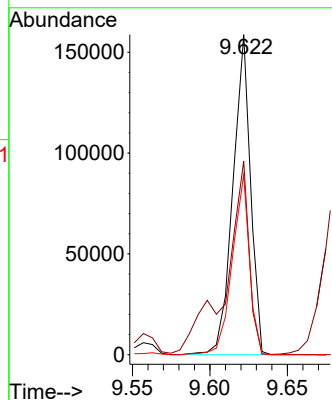
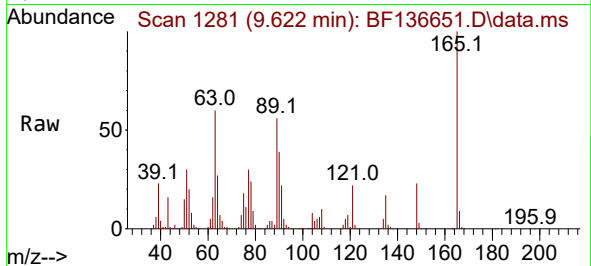




#51
2,6-Dinitrotoluene
Concen: 39.100 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

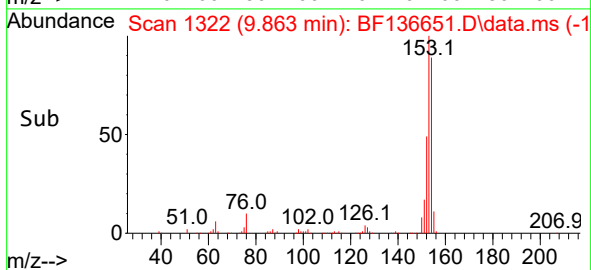
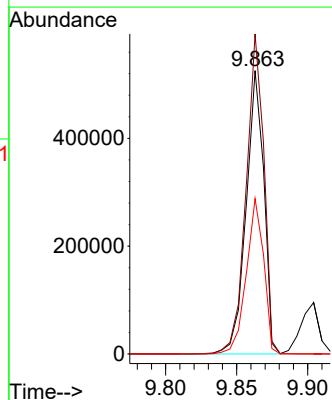
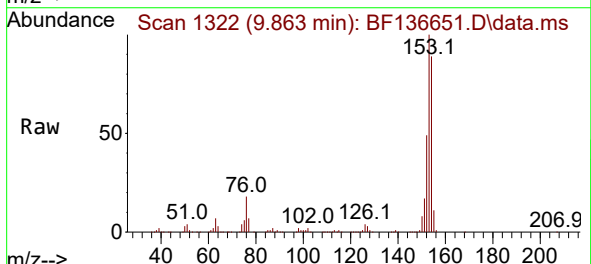
Instrument :
BNA_F
ClientSampleId :
PB157585BS

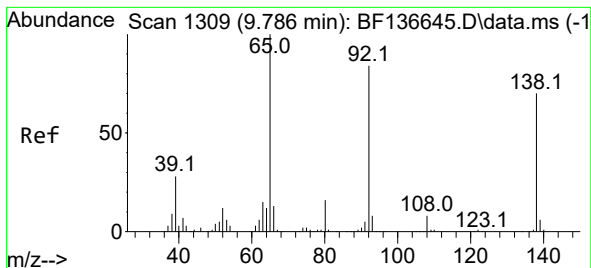
Tgt Ion:165 Resp: 125394
Ion Ratio Lower Upper
165 100
63 60.5 39.8 59.6#
89 56.2 38.8 58.2



#52
Acenaphthene
Concen: 39.023 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion:154 Resp: 456304
Ion Ratio Lower Upper
154 100
153 113.0 90.7 136.1
152 54.8 43.7 65.5





#53

3-Nitroaniline

Concen: 33.282 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

Instrument :

BNA_F

ClientSampleId :

PB157585BS

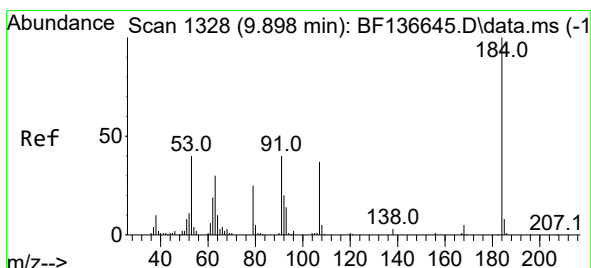
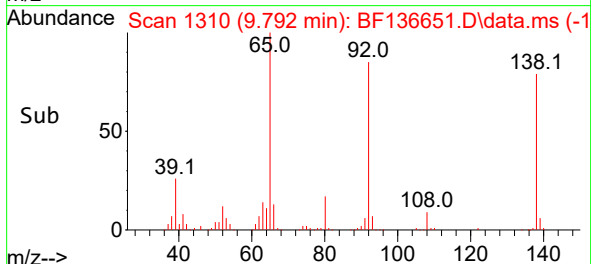
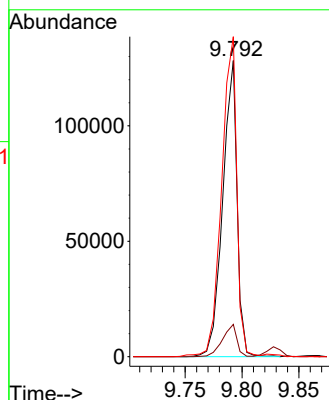
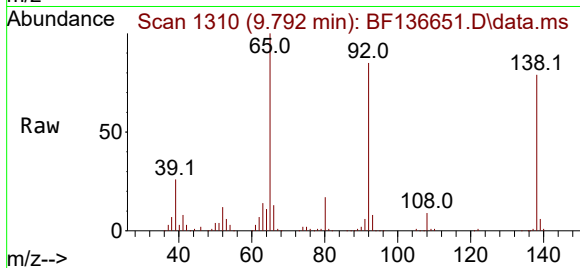
Tgt Ion:138 Resp: 113068

Ion Ratio Lower Upper

138 100

108 10.9 8.6 12.8

92 108.0 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 82.120 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.006 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

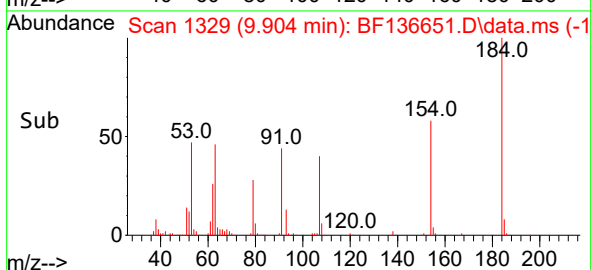
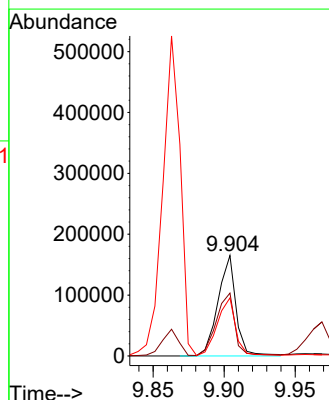
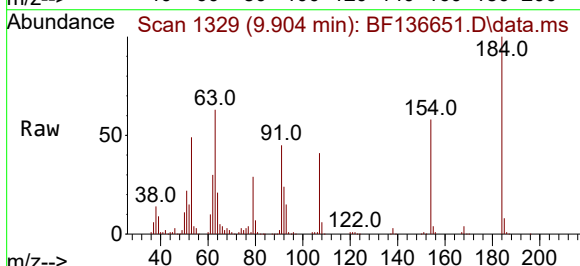
Tgt Ion:184 Resp: 146144

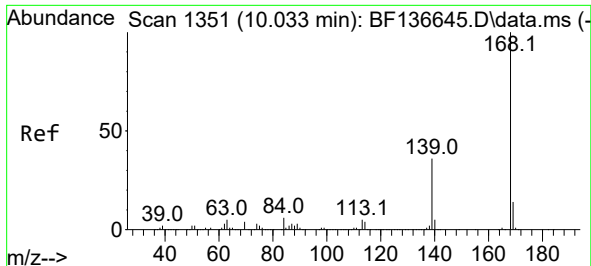
Ion Ratio Lower Upper

184 100

63 62.6 40.9 61.3#

154 57.8 42.7 64.1

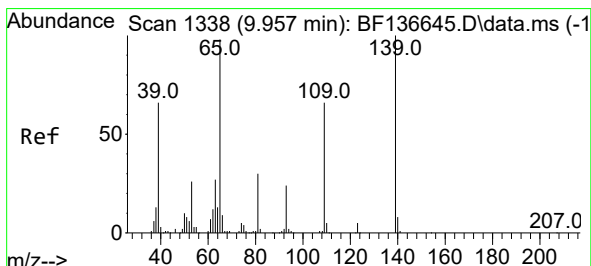
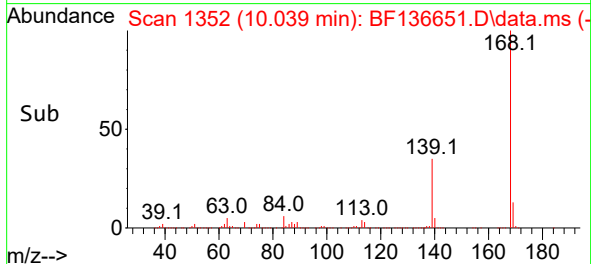
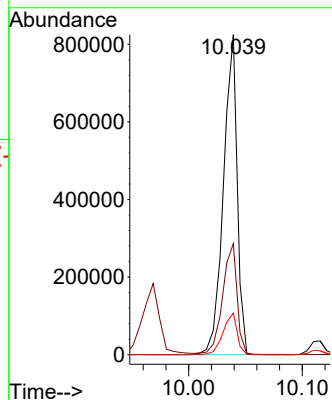
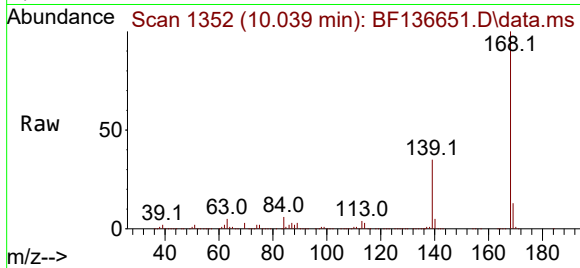




#55
Dibenzenofuran
Concen: 39.211 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

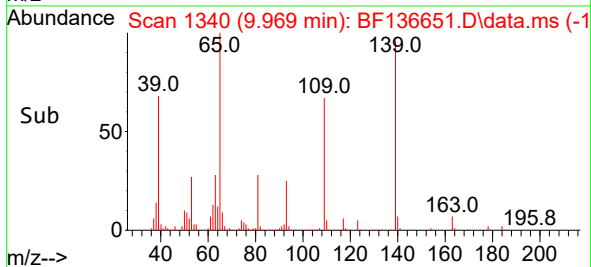
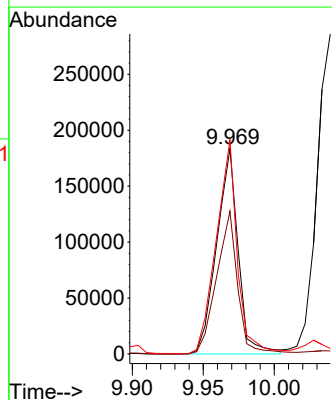
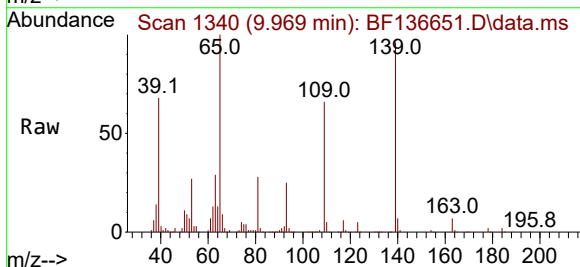
Instrument :
BNA_F
ClientSampleId :
PB157585BS

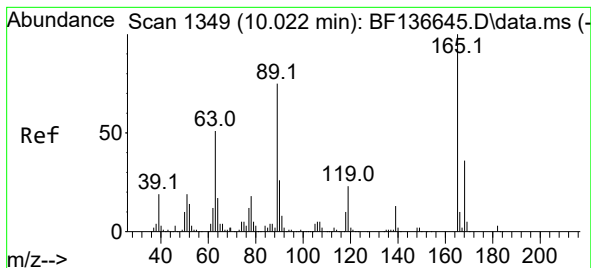
Tgt Ion:168 Resp: 695043
Ion Ratio Lower Upper
168 100
139 34.7 29.3 43.9
169 13.0 11.0 16.4



#56
4-Nitrophenol
Concen: 84.086 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion:139 Resp: 192836
Ion Ratio Lower Upper
139 100
109 69.5 45.8 85.8
65 104.5 77.8 117.8

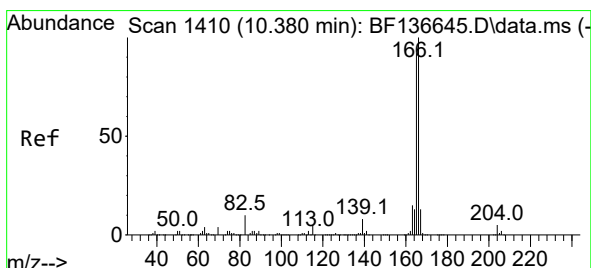
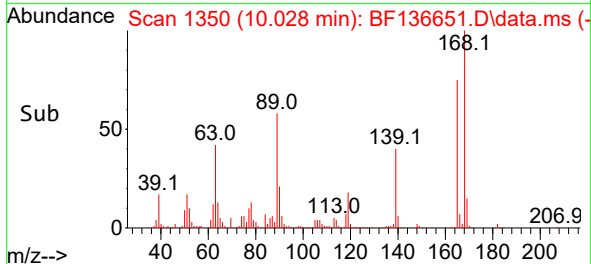
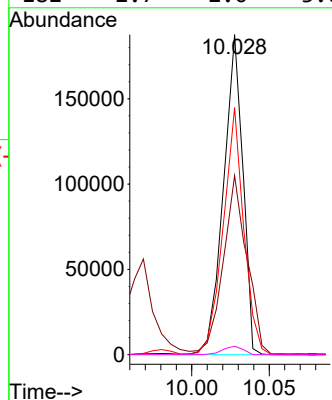
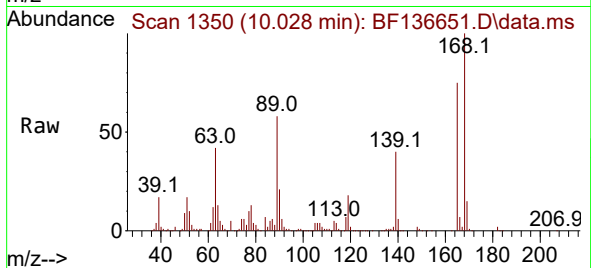




#57
2,4-Dinitrotoluene
Concen: 39.196 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

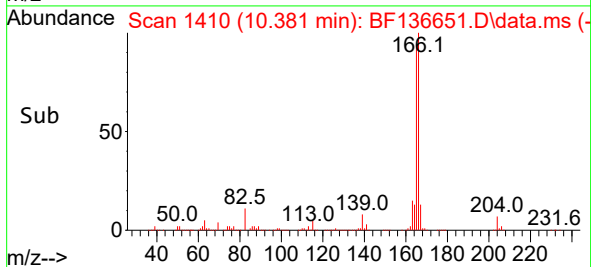
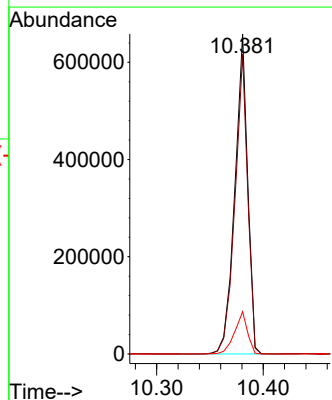
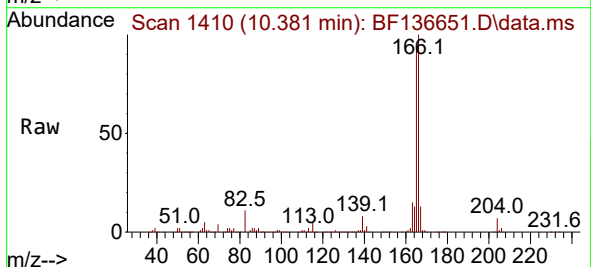
Instrument :
BNA_F
ClientSampleId :
PB157585BS

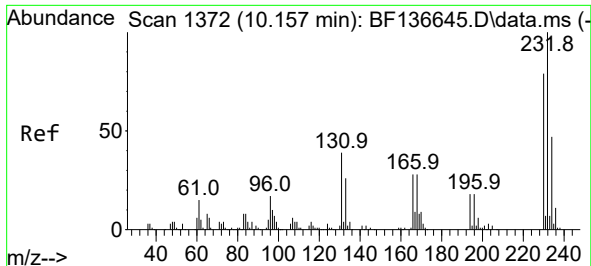
Tgt Ion:165 Resp: 163183
Ion Ratio Lower Upper
165 100
63 55.9 41.0 61.6
89 77.2 59.9 89.9
182 2.7 2.0 3.0



#58
Fluorene
Concen: 39.356 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion:166 Resp: 553527
Ion Ratio Lower Upper
166 100
165 93.7 73.7 110.5
167 13.2 10.4 15.6

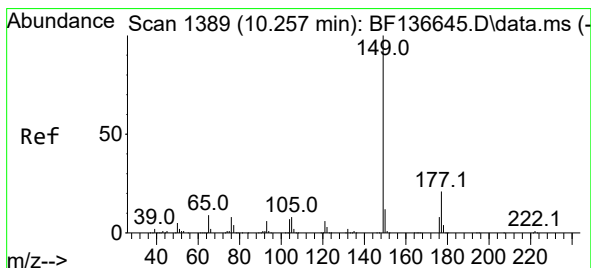
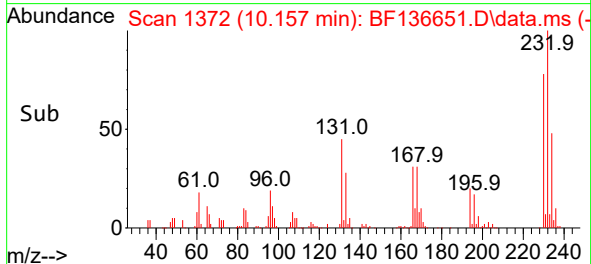
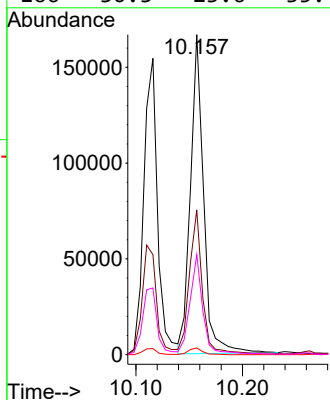
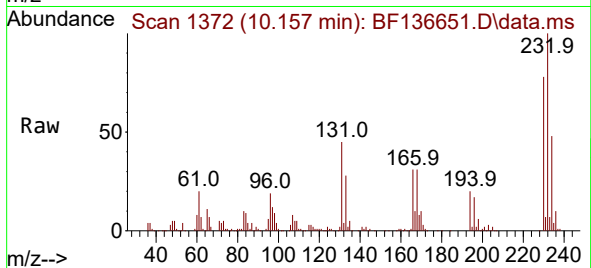




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.518 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

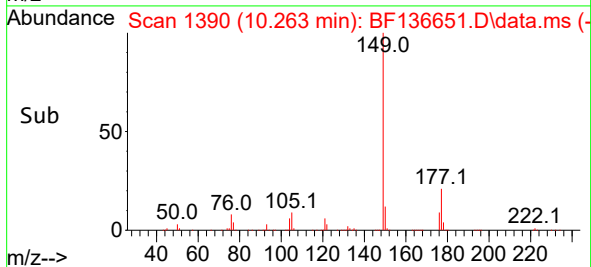
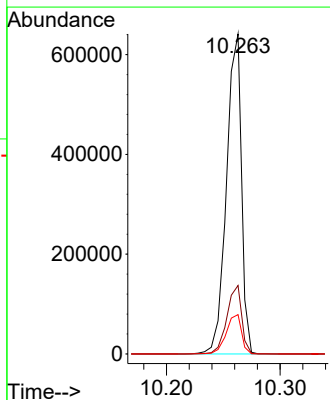
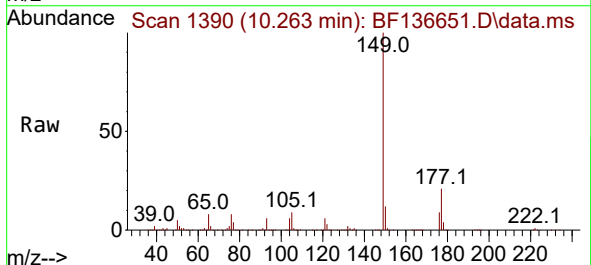
Instrument :
BNA_F
ClientSampleId :
PB157585BS

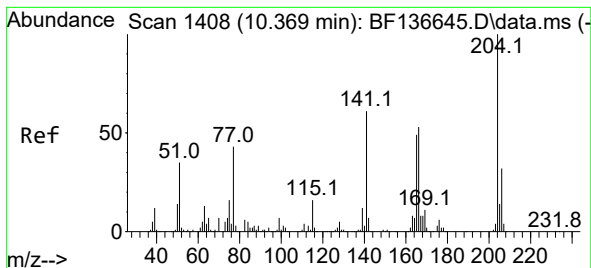
Tgt Ion:232 Resp: 143436
Ion Ratio Lower Upper
232 100
131 43.8 35.1 52.7
130 2.3 1.6 2.4
166 30.3 23.6 35.4



#60
Diethylphthalate
Concen: 40.198 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion:149 Resp: 589365
Ion Ratio Lower Upper
149 100
177 21.4 16.9 25.3
150 12.3 9.3 13.9

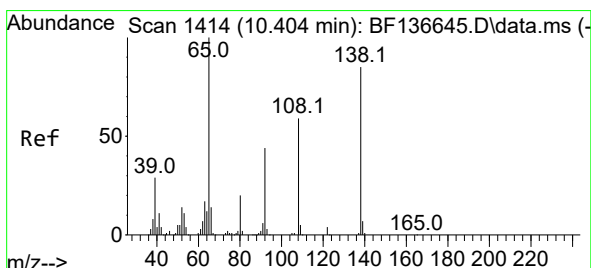
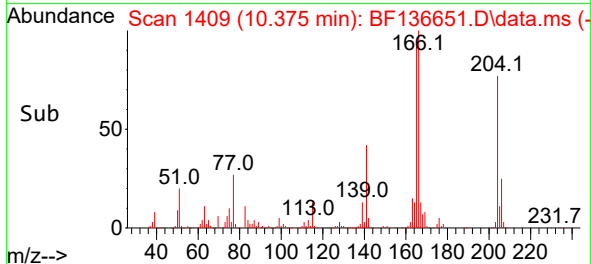
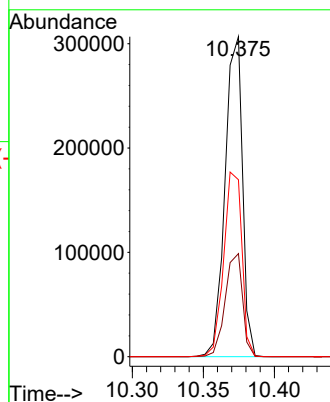
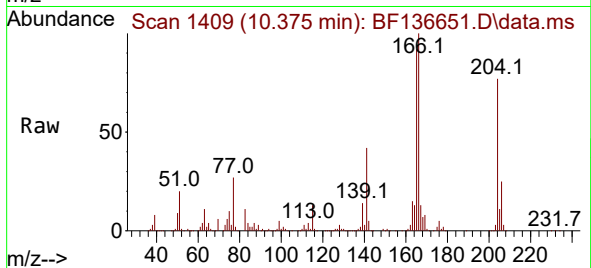




#61
4-Chlorophenyl-phenylether
Concen: 38.300 ng
RT: 10.375 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

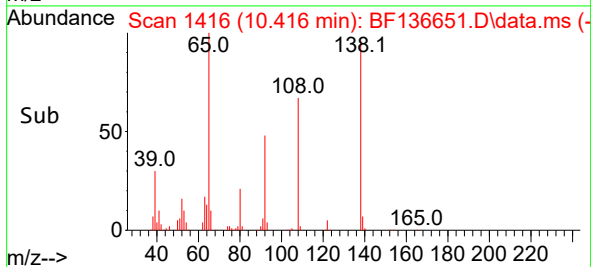
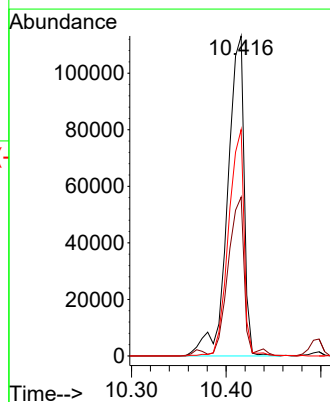
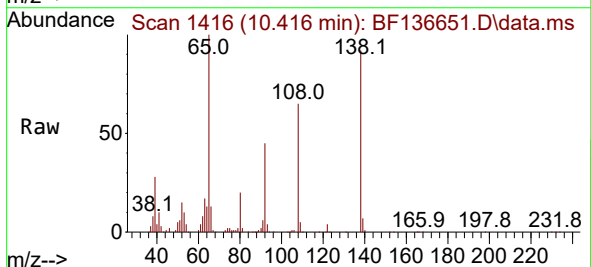
Instrument :
BNA_F
ClientSampleId :
PB157585BS

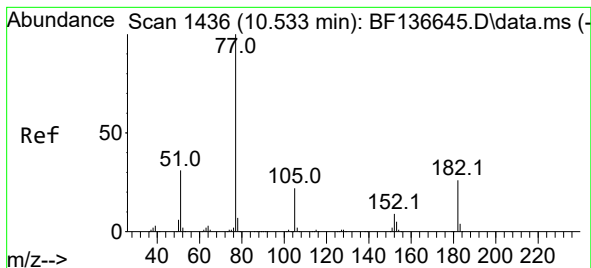
Tgt Ion:204 Resp: 261831
Ion Ratio Lower Upper
204 100
206 32.2 25.6 38.4
141 55.3 48.4 72.6



#62
4-Nitroaniline
Concen: 41.970 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion:138 Resp: 137450
Ion Ratio Lower Upper
138 100
92 49.7 32.1 72.1
108 70.8 50.1 90.1





#63

Azobenzene

Concen: 39.810 ng

RT: 10.534 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

Instrument :

BNA_F

ClientSampleId :

PB157585BS

Tgt Ion: 77 Resp: 545154

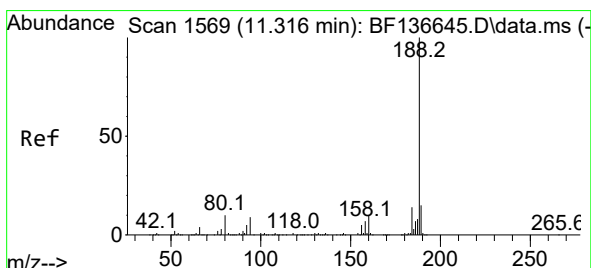
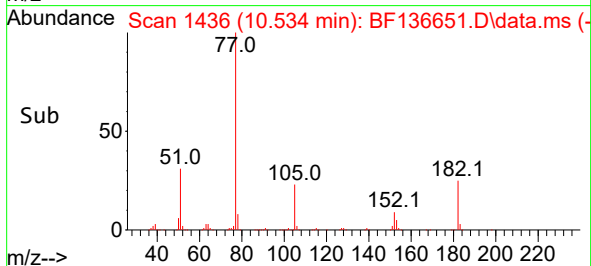
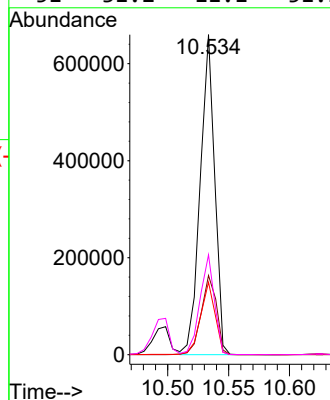
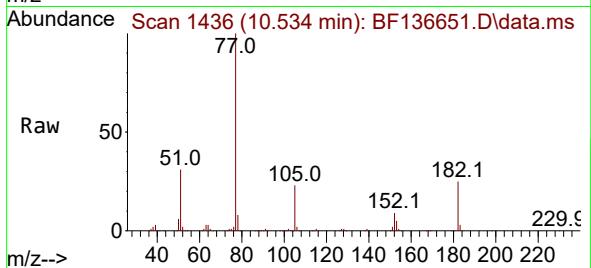
Ion Ratio Lower Upper

77 100

182 24.7 6.0 46.0

105 22.6 2.3 42.3

51 31.2 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: BF136651.D

Acq: 20 Dec 2023 16:53

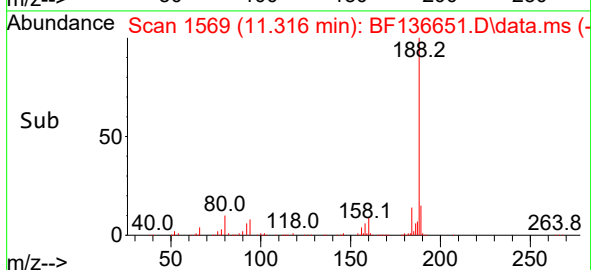
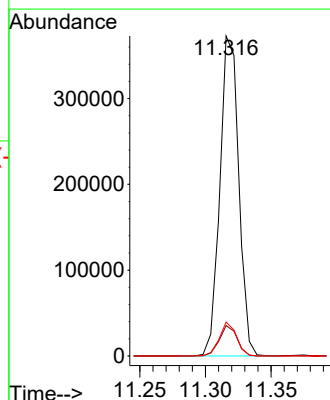
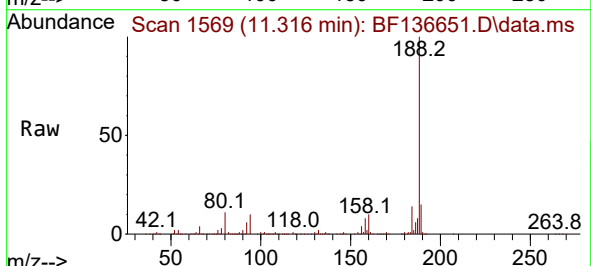
Tgt Ion: 188 Resp: 372219

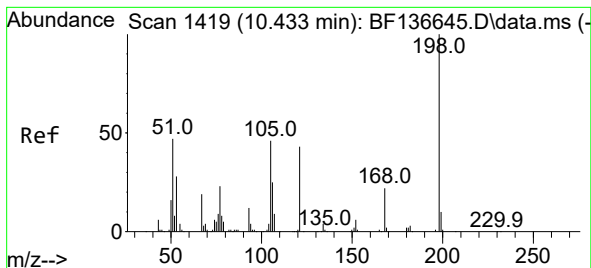
Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 10.6 8.1 12.1

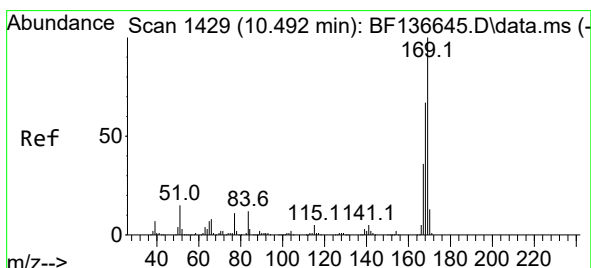
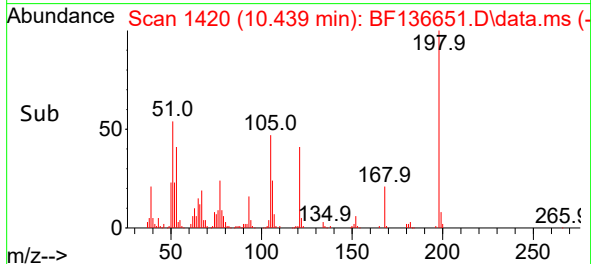
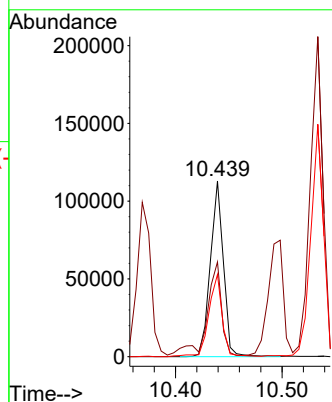
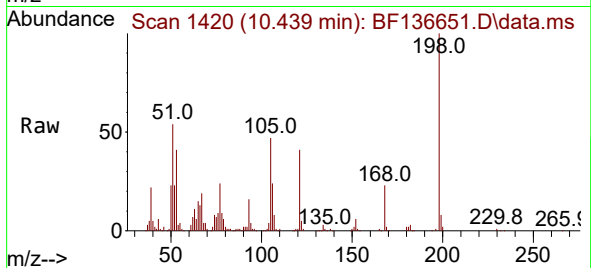




#65
4,6-Dinitro-2-methylphenol
Concen: 45.166 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

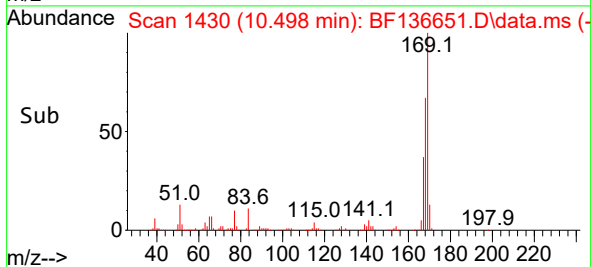
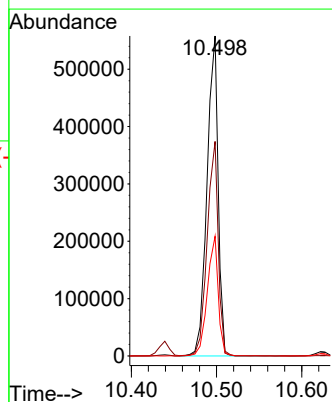
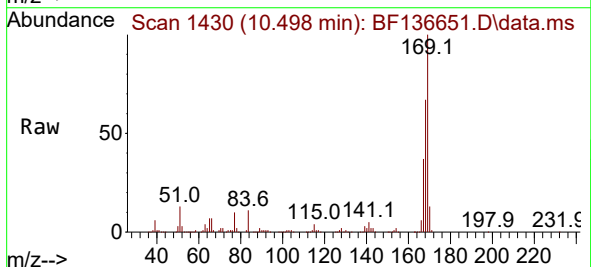
Instrument :
BNA_F
ClientSampleId :
PB157585BS

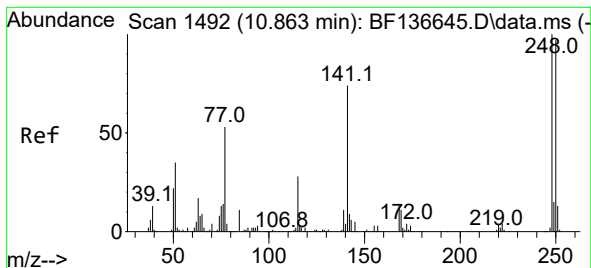
Tgt Ion:198 Resp: 96348
Ion Ratio Lower Upper
198 100
51 53.9 34.1 74.1
105 46.8 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 41.709 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion:169 Resp: 504318
Ion Ratio Lower Upper
169 100
168 67.1 53.8 80.6
167 37.4 28.7 43.1

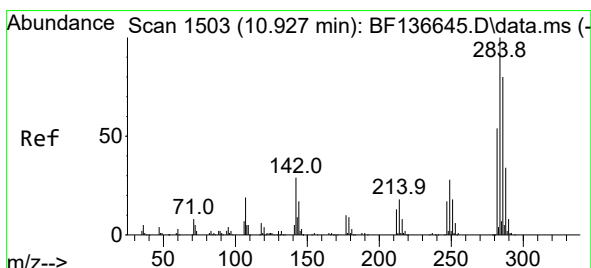
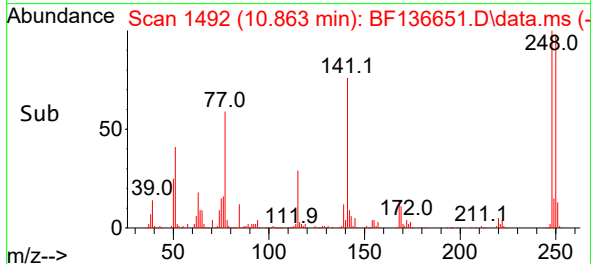
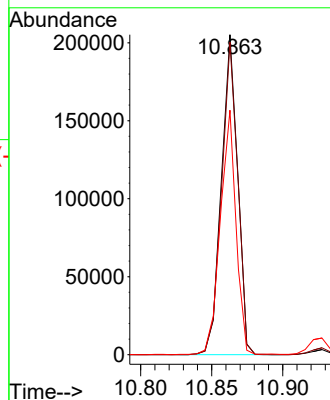
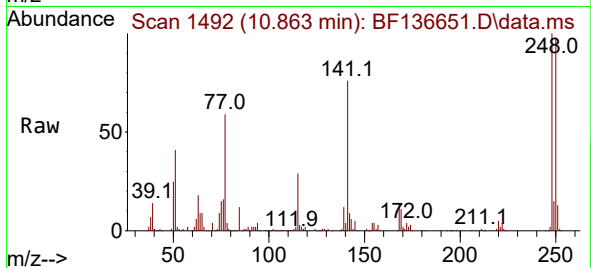




#67
4-Bromophenyl-phenylether
Concen: 39.405 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

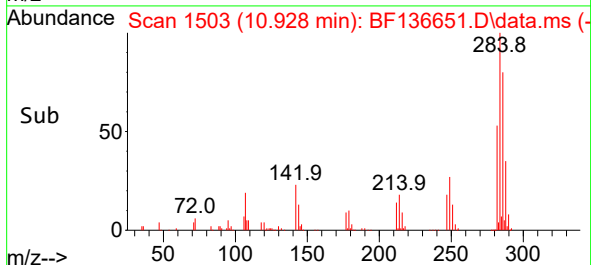
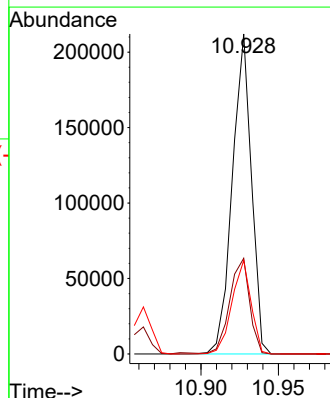
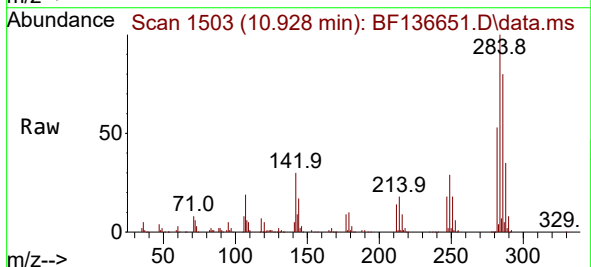
Instrument :
BNA_F
ClientSampleId :
PB157585BS

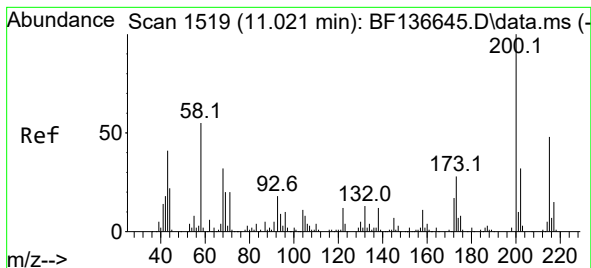
Tgt Ion:248 Resp: 162892
Ion Ratio Lower Upper
248 100
250 97.7 77.8 116.6
141 76.4 59.2 88.8



#68
Hexachlorobenzene
Concen: 39.305 ng
RT: 10.928 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion:284 Resp: 181067
Ion Ratio Lower Upper
284 100
142 29.9 23.4 35.0
249 29.2 22.3 33.5





#69

Atrazine

Concen: 63.161 ng

RT: 11.033 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

Instrument :

BNA_F

ClientSampleId :

PB157585BS

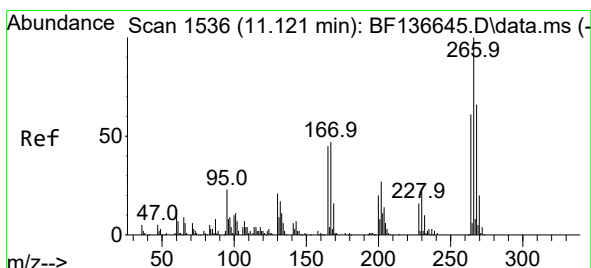
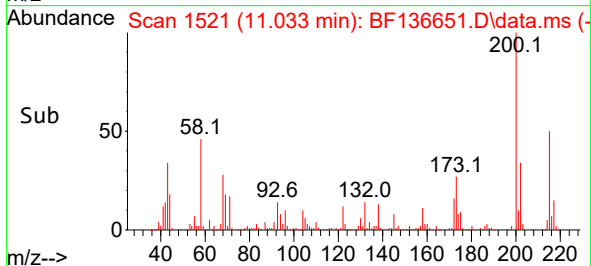
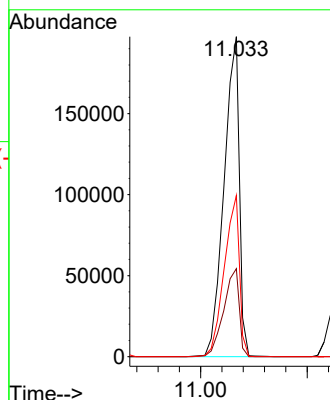
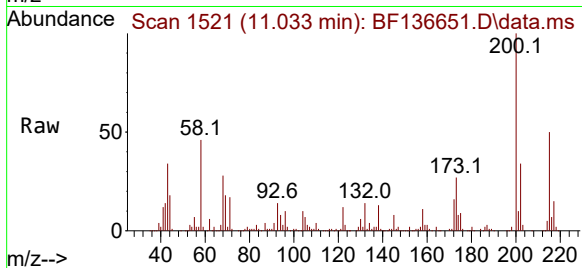
Tgt Ion:200 Resp: 195333

Ion Ratio Lower Upper

200 100

173 27.5 7.6 47.6

215 50.4 28.3 68.3



#70

Pentachlorophenol

Concen: 83.398 ng

RT: 11.128 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

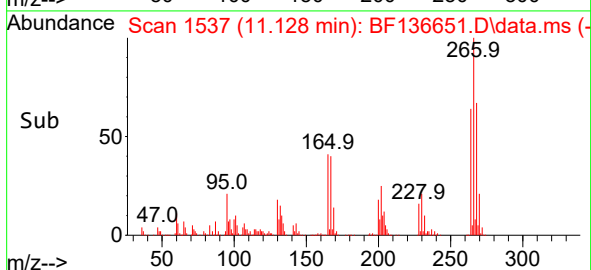
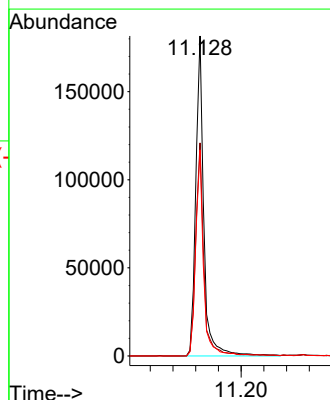
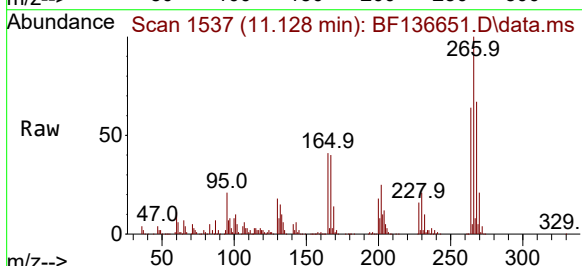
Tgt Ion:266 Resp: 179075

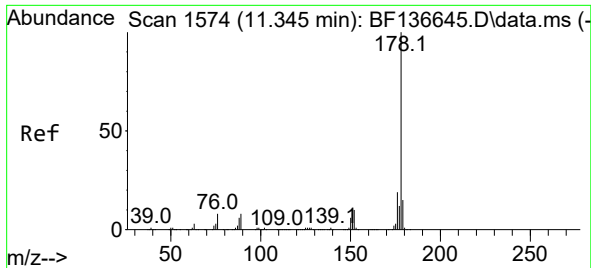
Ion Ratio Lower Upper

266 100

268 66.6 52.6 78.8

264 64.4 49.0 73.4

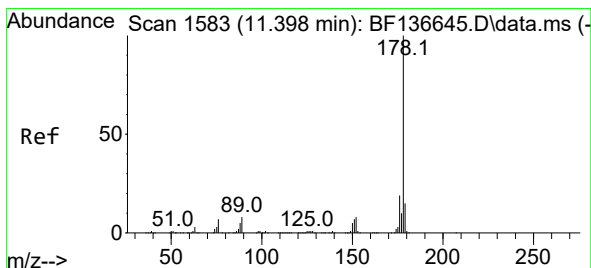
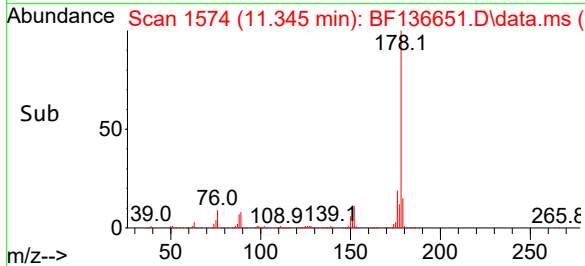
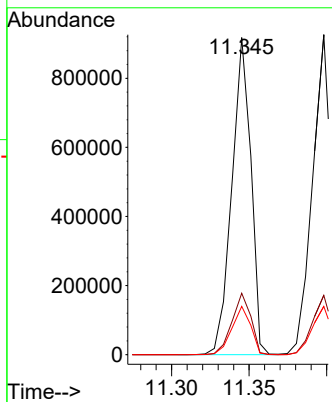
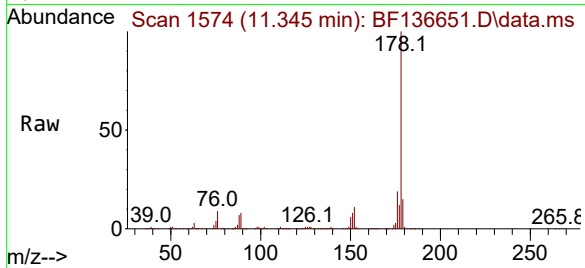




#71
Phenanthrene
Concen: 41.054 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

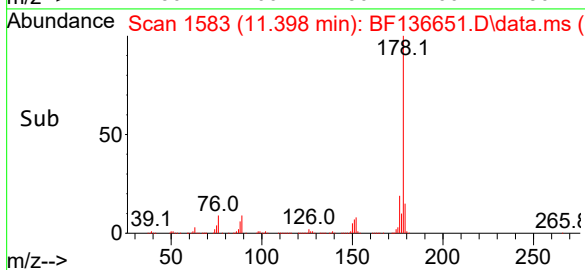
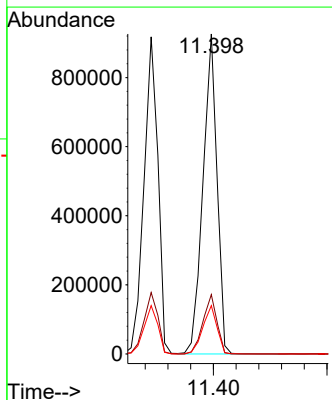
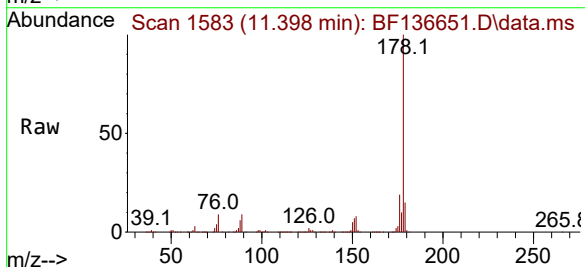
Instrument :
BNA_F
ClientSampleId :
PB157585BS

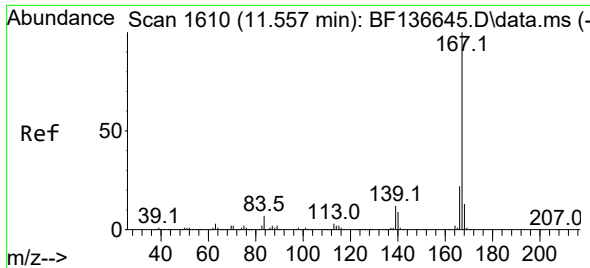
Tgt Ion:178 Resp: 784080
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.2 11.9 17.9



#72
Anthracene
Concen: 41.072 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion:178 Resp: 794414
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.1 11.8 17.6

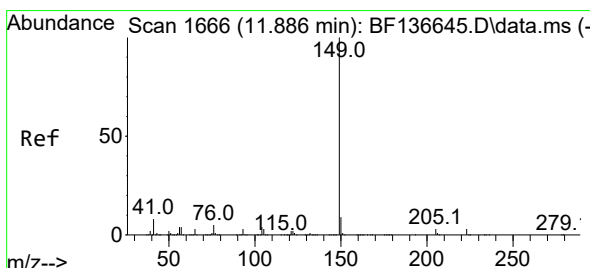
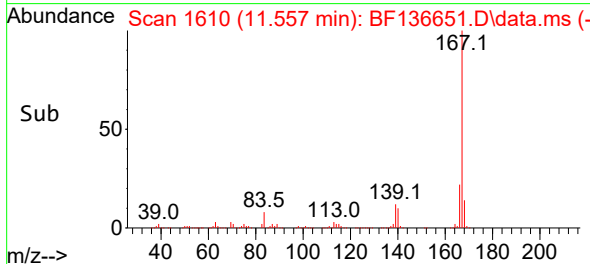
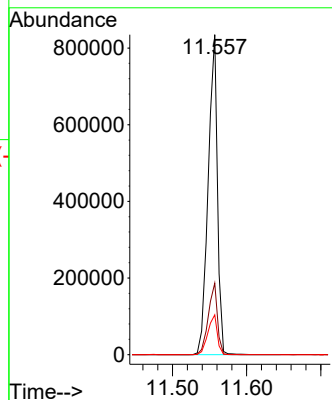
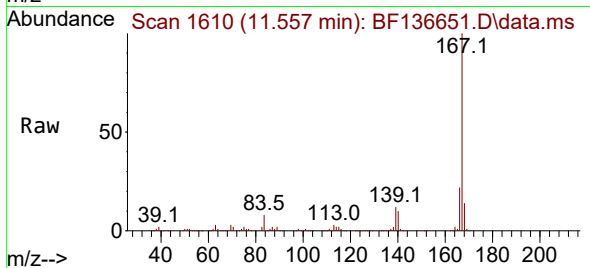




#73
 Carbazole
 Concen: 39.772 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF136651.D
 Acq: 20 Dec 2023 16:53

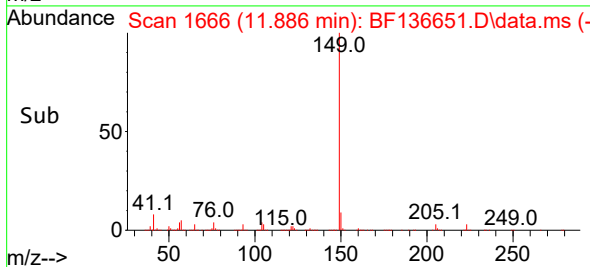
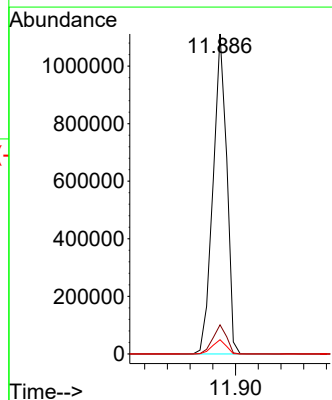
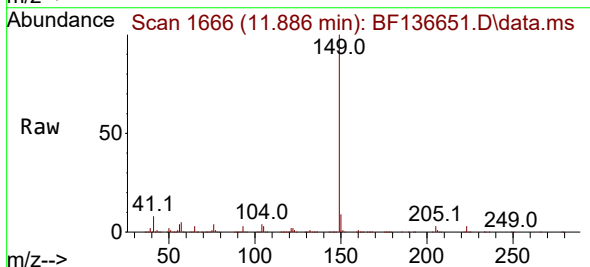
Instrument :
 BNA_F
 ClientSampleId :
 PB157585BS

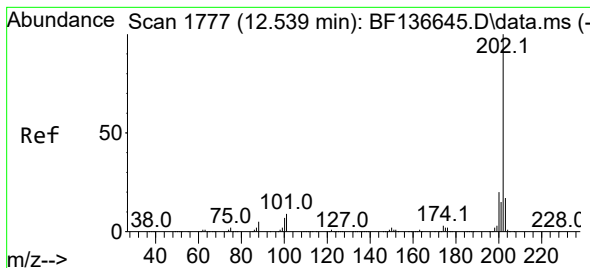
Tgt Ion:167 Resp: 725274
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.3 25.9
 139 12.4 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 41.618 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF136651.D
 Acq: 20 Dec 2023 16:53

Tgt Ion:149 Resp: 926103
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.4 3.6 5.4





#75

Fluoranthene

Concen: 39.644 ng

RT: 12.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

Instrument :

BNA_F

ClientSampleId :

PB157585BS

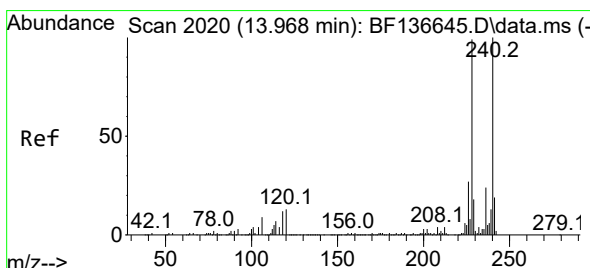
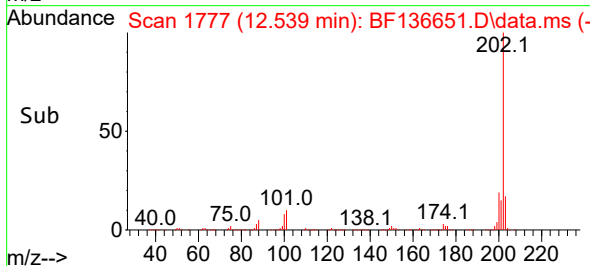
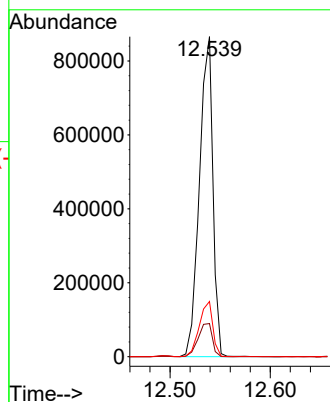
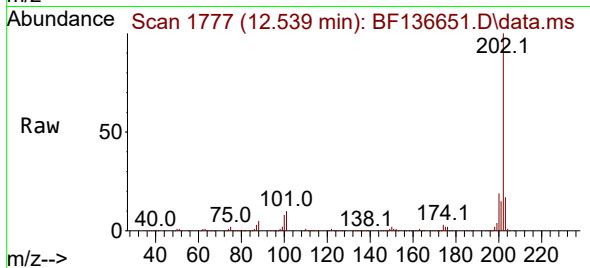
Tgt Ion:202 Resp: 809892

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.3

203 17.3 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: BF136651.D

Acq: 20 Dec 2023 16:53

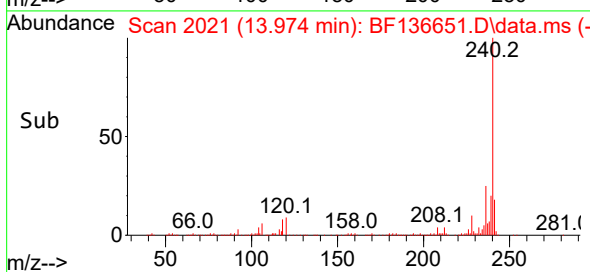
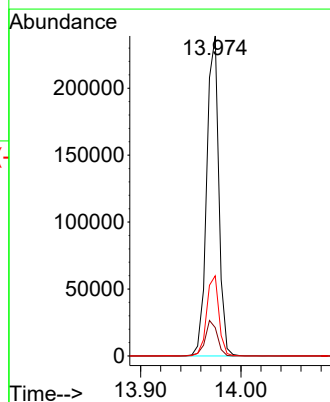
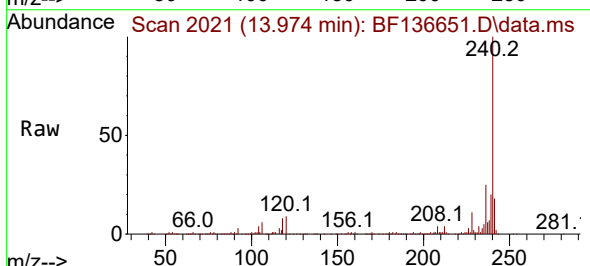
Tgt Ion:240 Resp: 200994

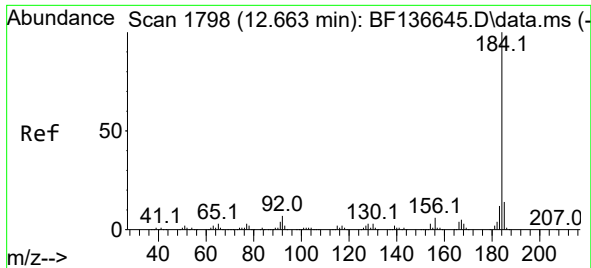
Ion Ratio Lower Upper

240 100

120 8.9 10.3 15.5#

236 25.0 19.4 29.2

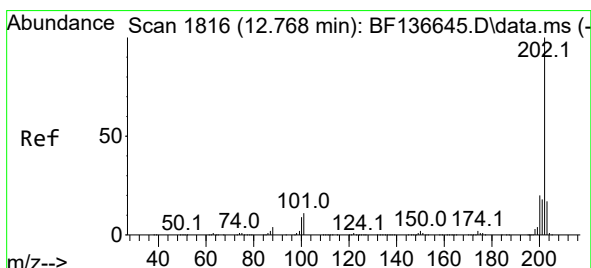
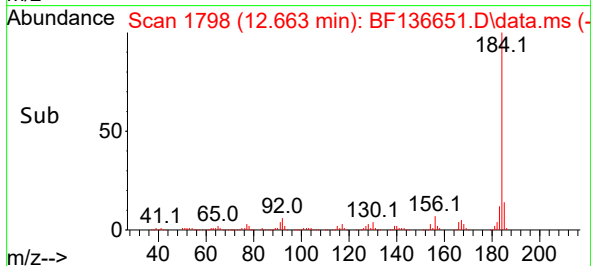
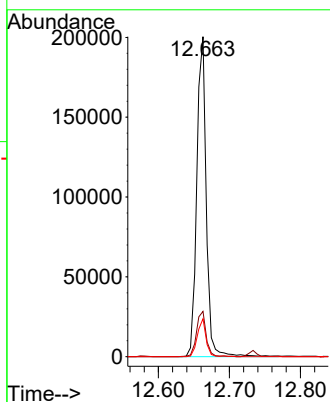
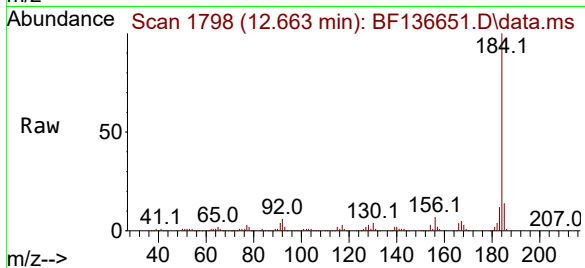




#77
Benzidine
Concen: 31.470 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

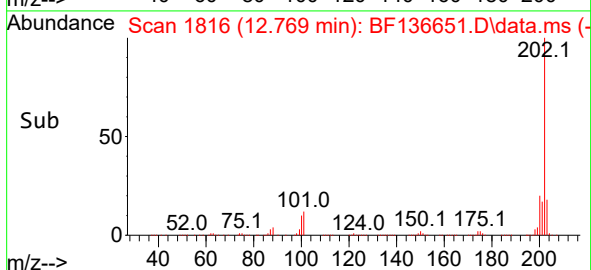
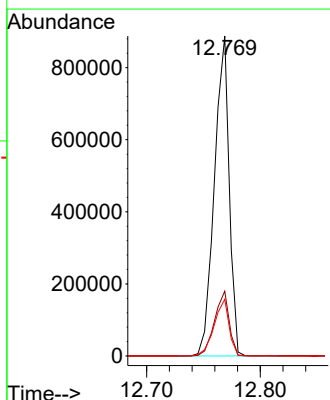
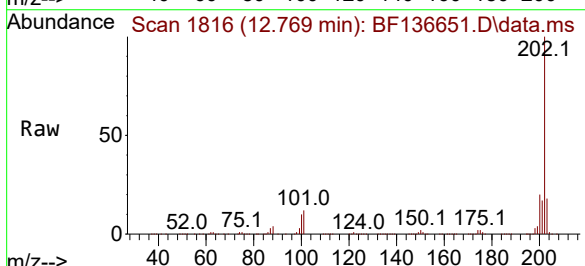
Instrument :
BNA_F
ClientSampleId :
PB157585BS

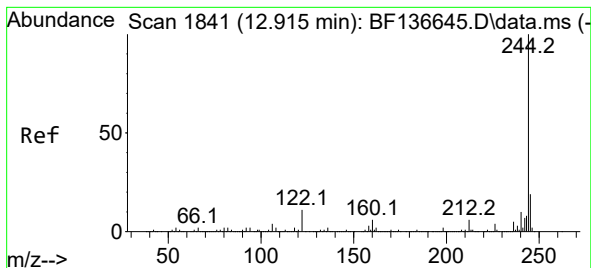
Tgt Ion:184 Resp: 186506
Ion Ratio Lower Upper
184 100
185 14.2 11.2 16.8
183 11.8 9.3 13.9



#78
Pyrene
Concen: 40.736 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion:202 Resp: 803754
Ion Ratio Lower Upper
202 100
200 20.2 15.9 23.9
203 17.7 13.8 20.6





#79

Terphenyl-d14

Concen: 77.696 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

Instrument :

BNA_F

ClientSampleId :

PB157585BS

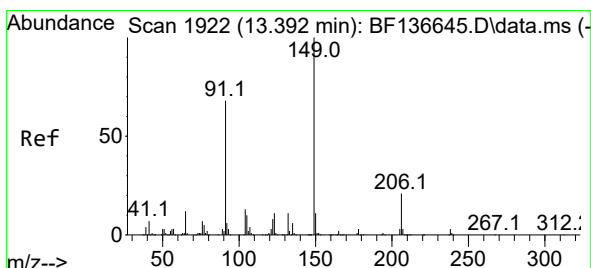
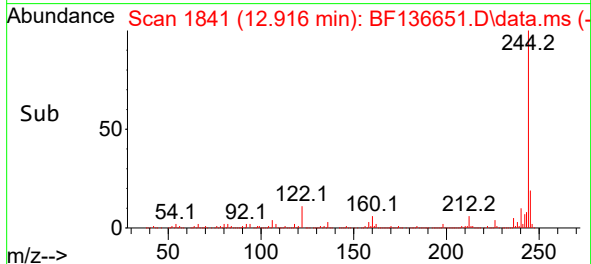
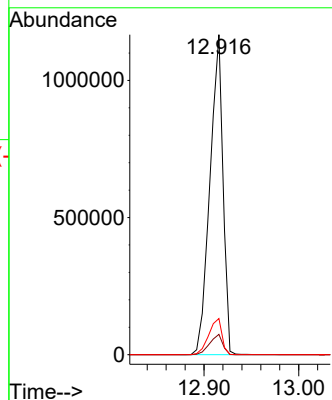
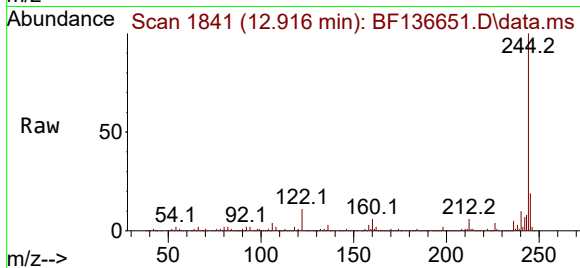
Tgt Ion:244 Resp: 1117481

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 11.3 9.0 13.4



#80

Butylbenzylphthalate

Concen: 44.170 ng

RT: 13.392 min Scan# 1922

Delta R.T. 0.000 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

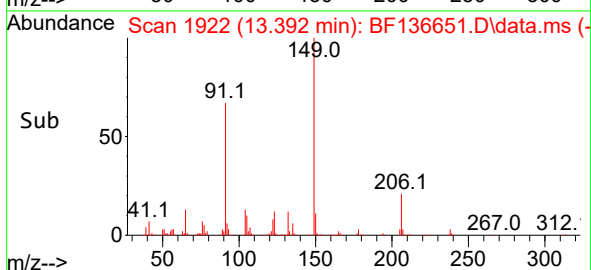
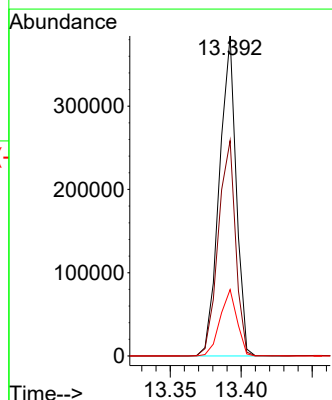
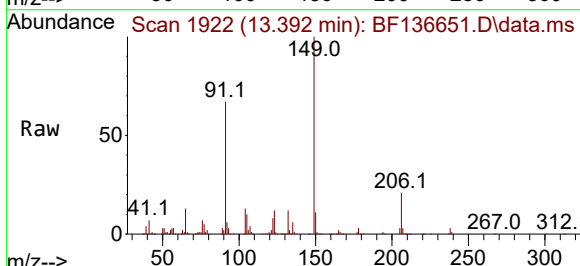
Tgt Ion:149 Resp: 317122

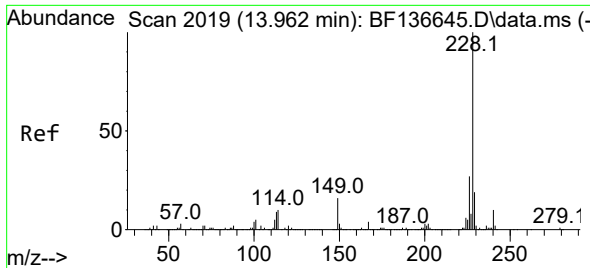
Ion Ratio Lower Upper

149 100

91 67.3 54.1 81.1

206 20.8 17.1 25.7

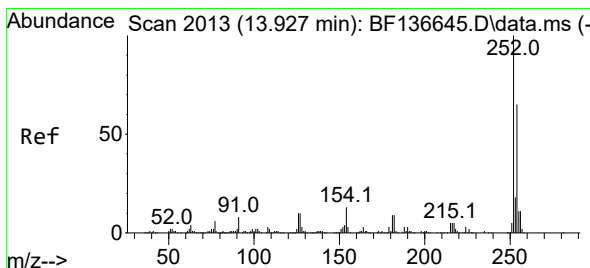
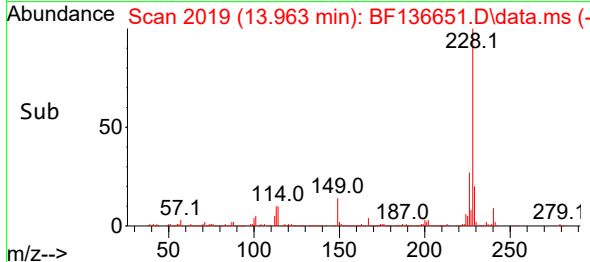
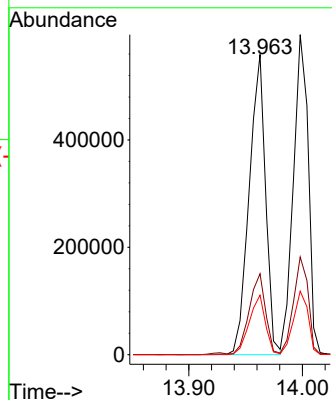
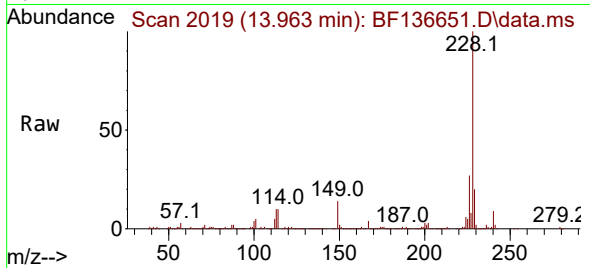




#81
Benzo(a)anthracene
Concen: 40.298 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

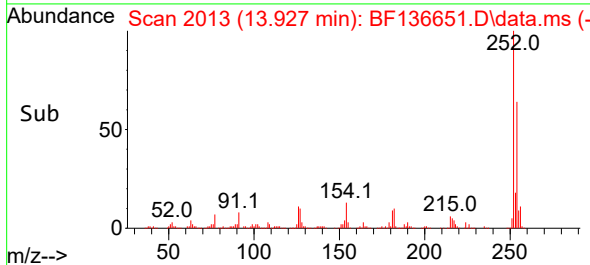
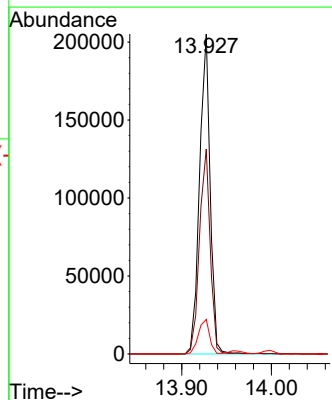
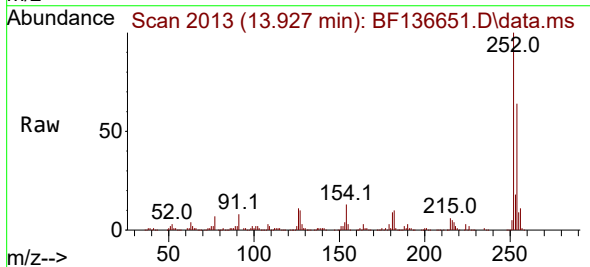
Instrument :
BNA_F
ClientSampleId :
PB157585BS

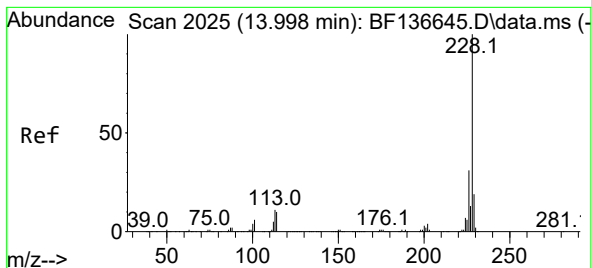
Tgt Ion:228 Resp: 562436
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 19.8 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 42.485 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion:252 Resp: 168393
Ion Ratio Lower Upper
252 100
254 64.0 52.2 78.4
126 10.8 8.0 12.0





#83

Chrysene

Concen: 39.723 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

Instrument :

BNA_F

ClientSampleId :

PB157585BS

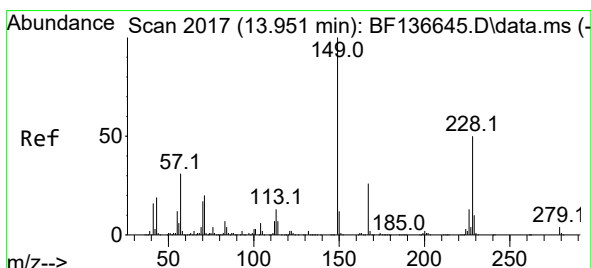
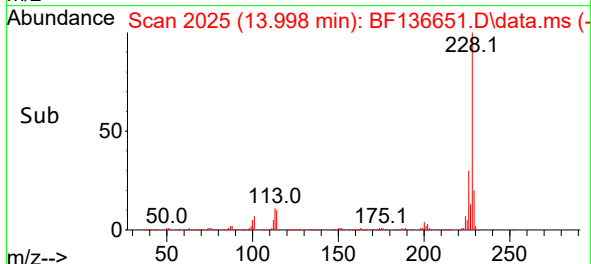
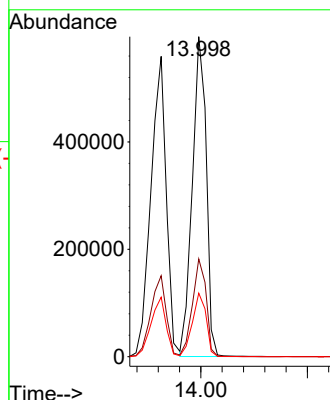
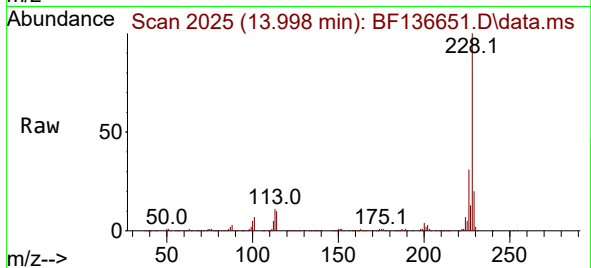
Tgt Ion:228 Resp: 542154

Ion Ratio Lower Upper

228 100

226 30.5 24.7 37.1

229 19.9 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.304 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

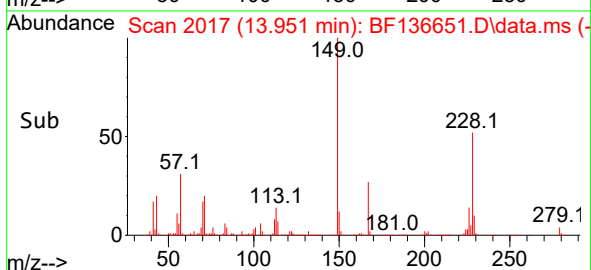
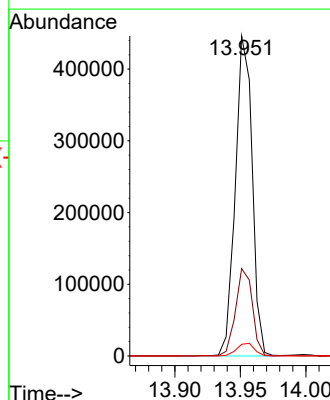
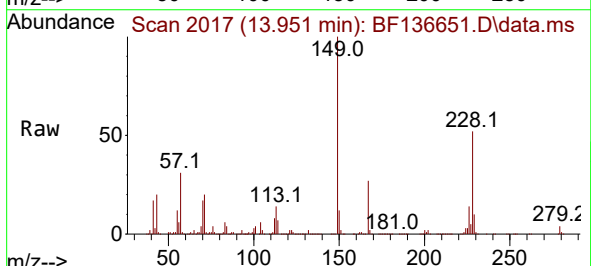
Tgt Ion:149 Resp: 400206

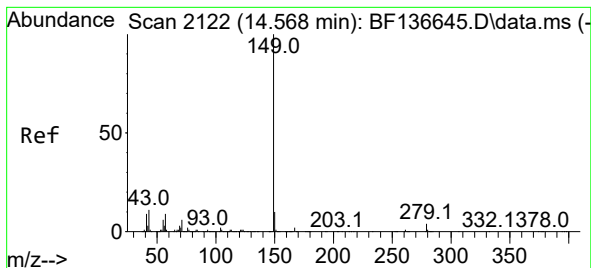
Ion Ratio Lower Upper

149 100

167 27.3 20.9 31.3

279 3.7 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 44.397 ng

RT: 14.569 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

Instrument :

BNA_F

ClientSampleId :

PB157585BS

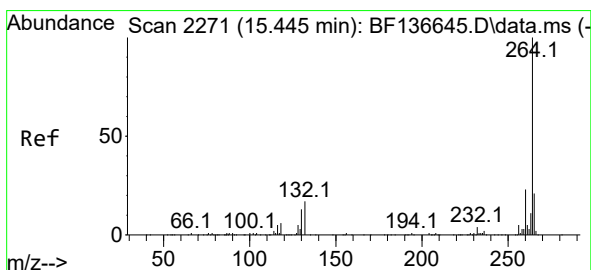
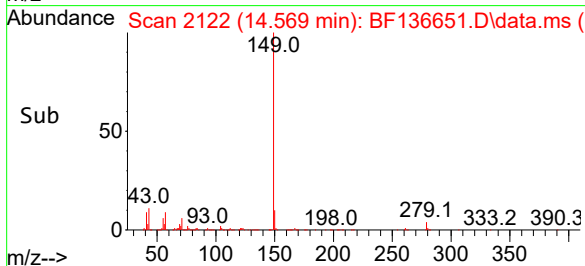
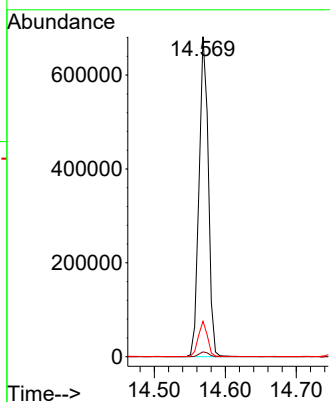
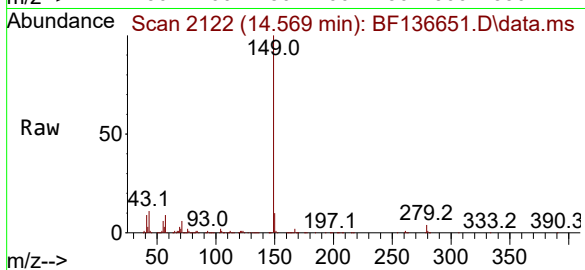
Tgt Ion:149 Resp: 620364

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.9 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

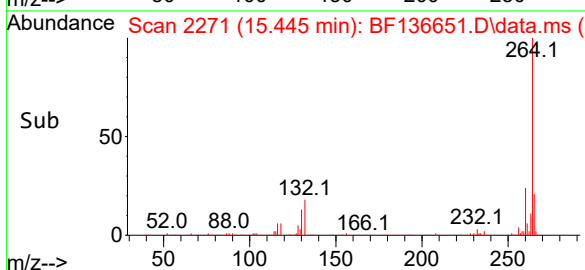
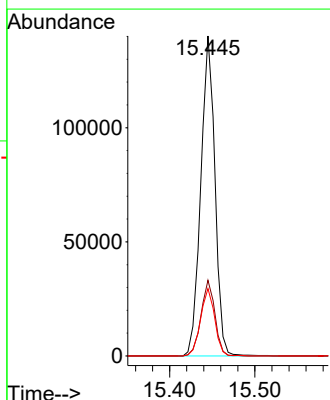
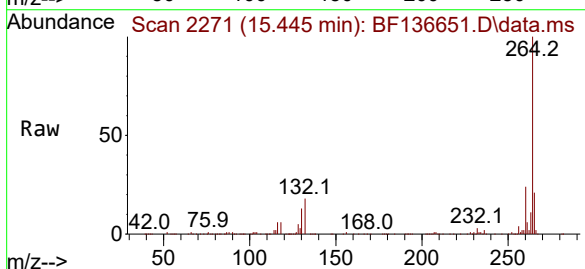
Tgt Ion:264 Resp: 161791

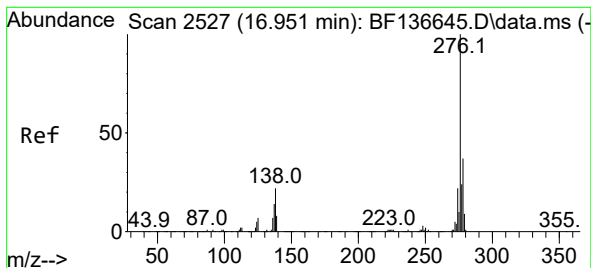
Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 21.1 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.419 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

Instrument :

BNA_F

ClientSampleId :

PB157585BS

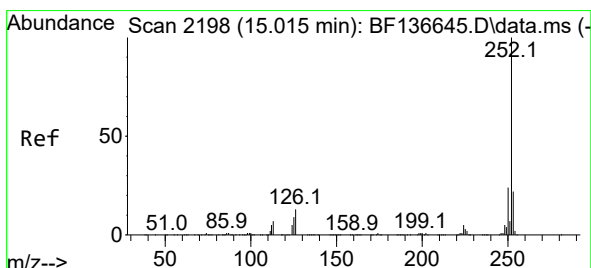
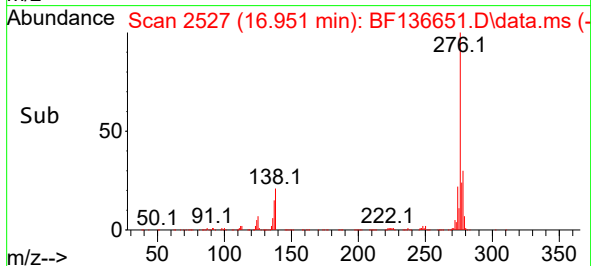
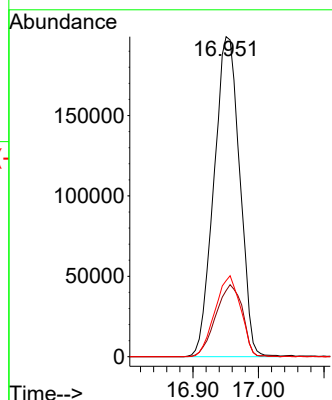
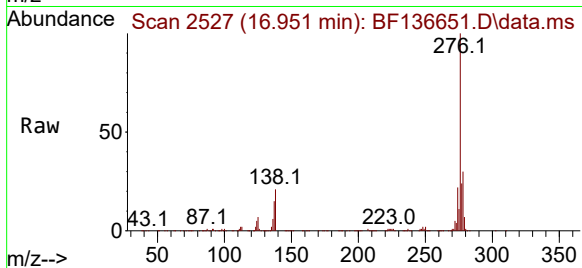
Tgt Ion:276 Resp: 542246

Ion Ratio Lower Upper

276 100

138 23.5 18.7 28.1

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.973 ng

RT: 15.016 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

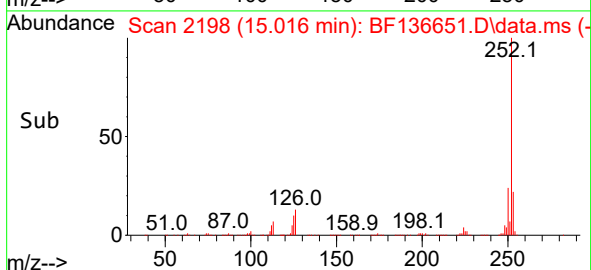
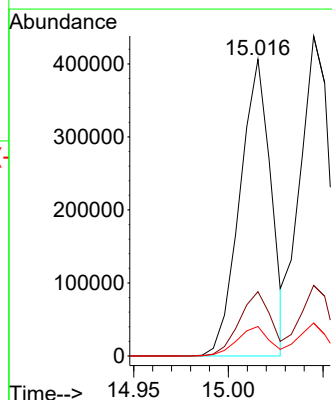
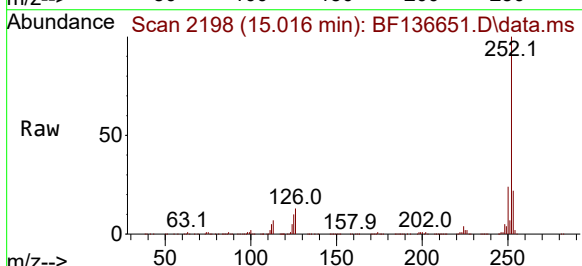
Tgt Ion:252 Resp: 464370

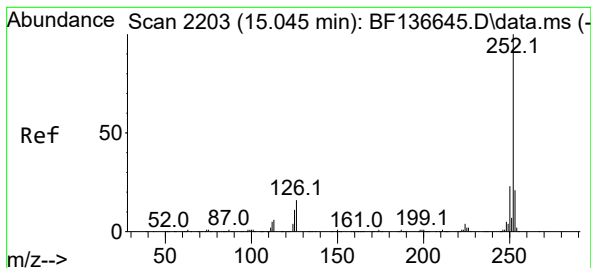
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.9 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 46.135 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

Instrument :

BNA_F

ClientSampleId :

PB157585BS

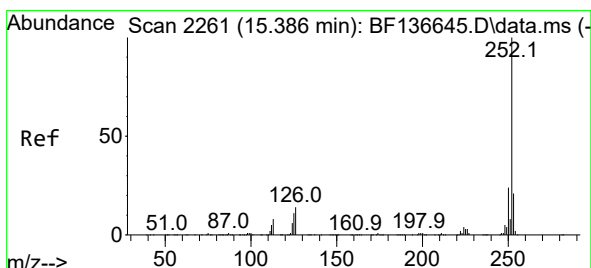
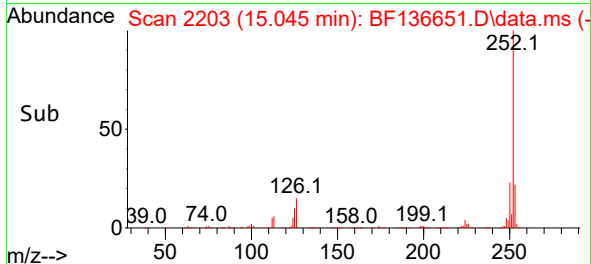
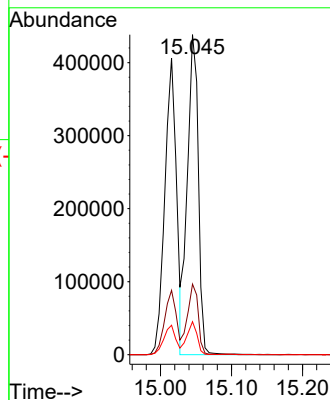
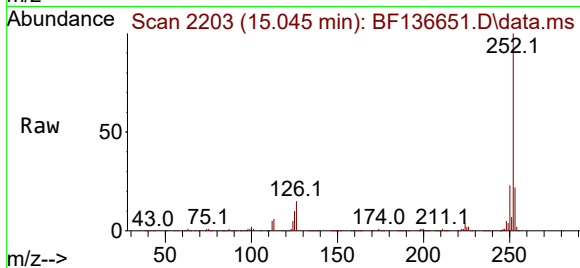
Tgt Ion:252 Resp: 471080

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 10.3 8.2 12.4



#90

Benzo(a)pyrene

Concen: 44.255 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF136651.D

Acq: 20 Dec 2023 16:53

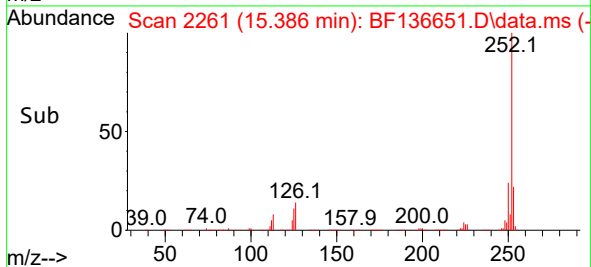
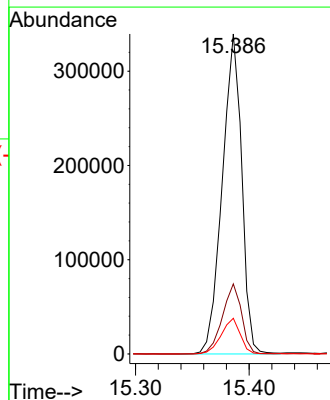
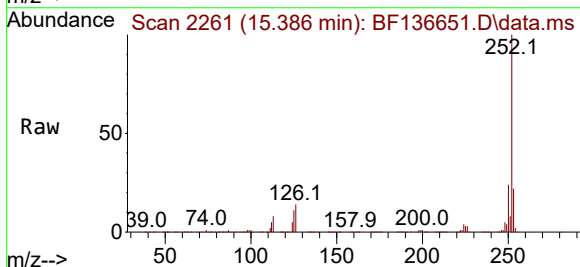
Tgt Ion:252 Resp: 403670

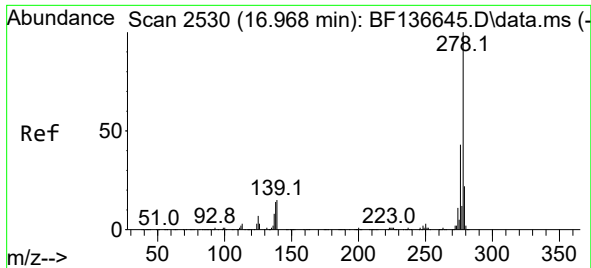
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 11.2 8.8 13.2

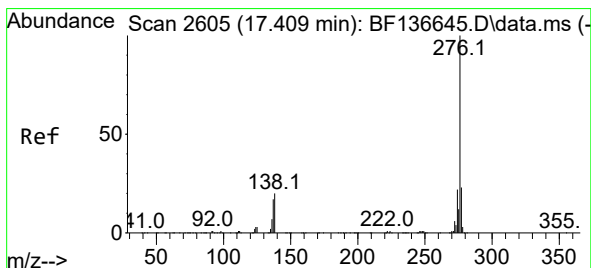
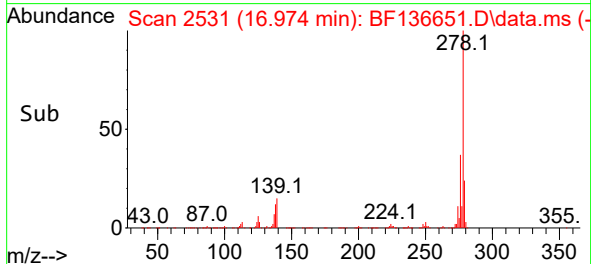
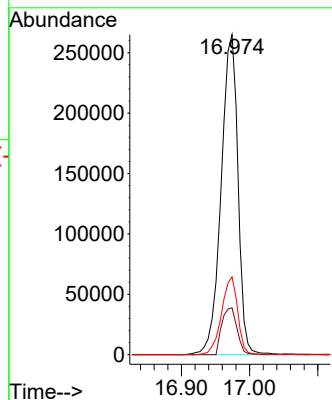
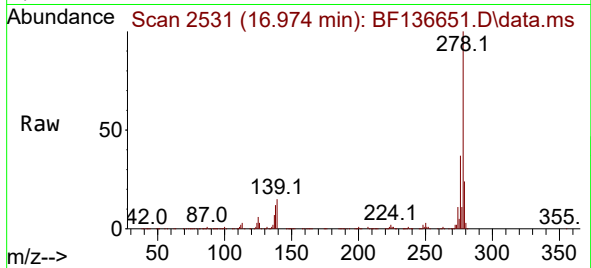




#91
Dibenzo(a,h)anthracene
Concen: 47.596 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Instrument :
BNA_F
ClientSampleId :
PB157585BS

Tgt Ion:278 Resp: 456134
Ion Ratio Lower Upper
278 100
139 14.6 12.2 18.4
279 24.3 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 46.657 ng
RT: 17.410 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136651.D
Acq: 20 Dec 2023 16:53

Tgt Ion:276 Resp: 457964
Ion Ratio Lower Upper
276 100
277 22.6 18.3 27.5
138 19.7 15.6 23.4

