

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
 Data File : BF136654.D
 Acq On : 20 Dec 2023 18:33
 Operator : CG\JU
 Sample : PB157565BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157565BS

Quant Time: Dec 21 02:18:39 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	6.792	152	91997	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	382722	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	196113	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	379679	20.000	ng	0.00
76) Chrysene-d12	13.974	240	198863	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	157102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	706638	119.847	ng	0.02
7) Phenol-d6	6.445	99	877773	114.892	ng	0.00
23) Nitrobenzene-d5	7.363	82	552118	73.820	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	256499	111.055	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1045655	71.713	ng	0.00
79) Terphenyl-d14	12.915	244	1104280	77.601	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	74396	30.283	ng	99
3) Pyridine	3.416	79	180091	30.045	ng	96
4) n-Nitrosodimethylamine	3.381	42	134363	41.976	ng	94
6) Aniline	6.463	93	202355	26.491	ng	# 21
8) 2-Chlorophenol	6.586	128	278397	43.146	ng	93
9) Benzaldehyde	6.345	77	74359	17.111	ng	95
10) Phenol	6.457	94	324993	39.848	ng	89
11) bis(2-Chloroethyl)ether	6.533	93	262199	42.274	ng	100
12) 1,3-Dichlorobenzene	6.733	146	273283	38.825	ng	99
13) 1,4-Dichlorobenzene	6.810	146	274778	38.205	ng	98
14) 1,2-Dichlorobenzene	6.963	146	267255	39.934	ng	99
15) Benzyl Alcohol	6.945	79	221318	42.939	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	420852	41.502	ng	95
17) 2-Methylphenol	7.057	107	218750	40.923	ng	97
18) Hexachloroethane	7.298	117	102195	39.126	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	189514	40.920	ng	97
20) 3+4-Methylphenols	7.210	107	264784	39.650	ng	# 79
22) Acetophenone	7.204	105	379455	39.556	ng	96
24) Nitrobenzene	7.380	77	286151	38.193	ng	96
25) Isophorone	7.616	82	524985	38.575	ng	99
26) 2-Nitrophenol	7.692	139	146008	40.732	ng	95
27) 2,4-Dimethylphenol	7.733	122	224177	51.369	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	317835	38.421	ng	98
29) 2,4-Dichlorophenol	7.933	162	221829	39.483	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	237826	37.992	ng	98
31) Naphthalene	8.092	128	792902	37.711	ng	99
32) Benzoic acid	7.880	122	180937	42.850	ng	94
33) 4-Chloroaniline	8.145	127	183803	23.677	ng	97
34) Hexachlorobutadiene	8.204	225	139469	36.670	ng	98
35) Caprolactam	8.527	113	43397	23.414	ng	93
36) 4-Chloro-3-methylphenol	8.639	107	247496	39.129	ng	97
37) 2-Methylnaphthalene	8.786	142	500903	37.017	ng	99
38) 1-Methylnaphthalene	8.886	142	477768	35.988	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	238437	39.258	ng	98
41) Hexachlorocyclopentadiene	8.933	237	185845	94.991	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	158717	40.748	ng	95

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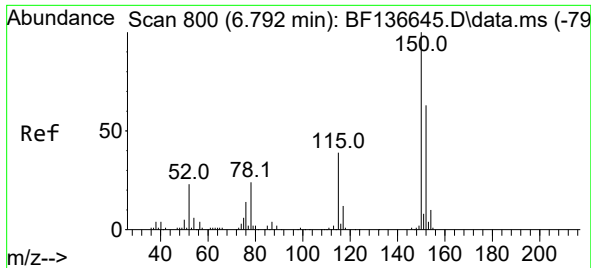
Quant Time: Dec 21 02:18:39 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	173752	40.030	ng	99
46) 1,1'-Biphenyl	9.251	154	630152	38.291	ng	99
47) 2-Chloronaphthalene	9.274	162	476247	38.067	ng	99
48) 2-Nitroaniline	9.374	65	160054	40.854	ng	97
49) Acenaphthylene	9.692	152	776581	40.611	ng	100
50) Dimethylphthalate	9.557	163	567591	39.624	ng	100
51) 2,6-Dinitrotoluene	9.622	165	126152	38.804	ng	91
52) Acenaphthene	9.863	154	456296	38.494	ng	98
53) 3-Nitroaniline	9.792	138	112158	32.568	ng	95
54) 2,4-Dinitrophenol	9.904	184	146739	81.375	ng	93
55) Dibenzofuran	10.039	168	686170	38.187	ng	98
56) 4-Nitrophenol	9.969	139	189486	81.507	ng	94
57) 2,4-Dinitrotoluene	10.027	165	161340	38.229	ng	95
58) Fluorene	10.380	166	544867	38.216	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	145780	43.631	ng	99
60) Diethylphthalate	10.263	149	583519	39.261	ng	99
61) 4-Chlorophenyl-phenylether	10.374	204	257909	37.216	ng	95
62) 4-Nitroaniline	10.416	138	129138	38.898	ng	93
63) Azobenzene	10.533	77	545030	39.262	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	91509	42.055	ng	94
66) n-Nitrosodiphenylamine	10.498	169	493811	40.037	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	163108	38.682	ng	99
68) Hexachlorobenzene	10.927	284	179324	38.162	ng	96
69) Atrazine	11.027	200	125267	39.709	ng	98
70) Pentachlorophenol	11.127	266	157445	71.883	ng	99
71) Phenanthrene	11.345	178	781882	40.134	ng	98
72) Anthracene	11.398	178	776767	39.371	ng	99
73) Carbazole	11.557	167	713796	38.373	ng	100
74) Di-n-butylphthalate	11.886	149	920094	40.536	ng	100
75) Fluoranthene	12.539	202	802353	38.503	ng	98
77) Benzidine	12.663	184	33883	5.779	ng	98
78) Pyrene	12.768	202	807310	41.354	ng	100
80) Butylbenzylphthalate	13.392	149	317019	44.629	ng	98
81) Benzo(a)anthracene	13.962	228	558188	40.423	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	160153	40.839	ng	98
83) Chrysene	13.998	228	542914	40.205	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	397996	44.532	ng	99
85) Di-n-octyl phthalate	14.568	149	623334	45.088	ng	99
87) Indeno(1,2,3-cd)pyrene	16.950	276	553775	48.821	ng	100
88) Benzo(b)fluoranthene	15.015	252	469788	44.772	ng	100
89) Benzo(k)fluoranthene	15.045	252	455881	45.979	ng	99
90) Benzo(a)pyrene	15.386	252	410822	46.383	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	467630	50.252	ng	97
92) Benzo(g,h,i)perylene	17.409	276	460626	48.329	ng	98

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

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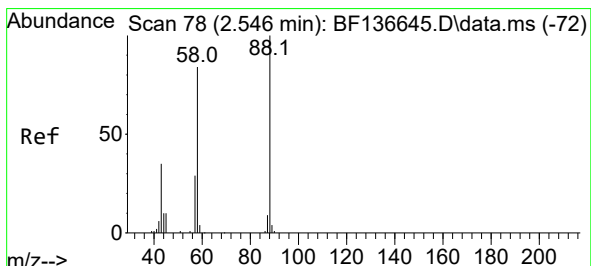
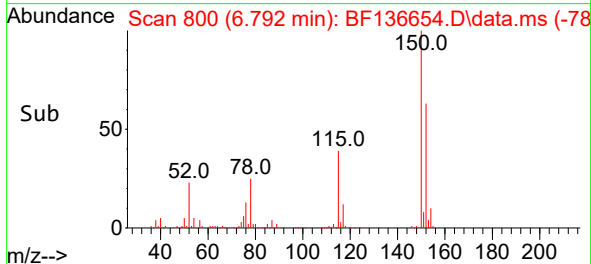
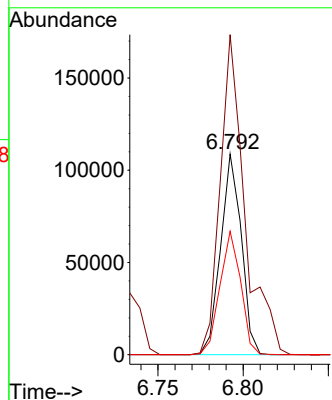
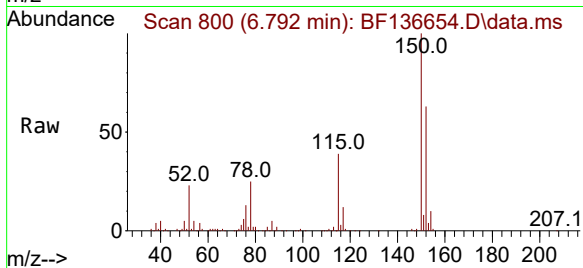




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136654.D
 Acq: 20 Dec 2023 18:33

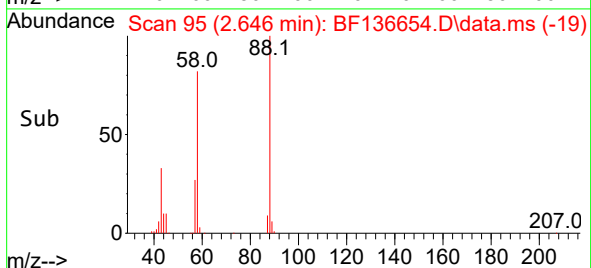
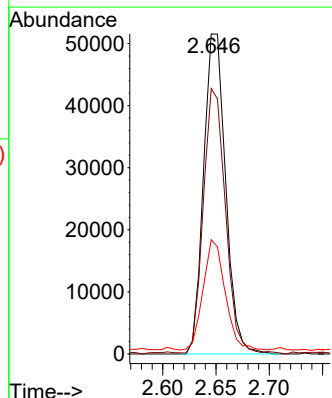
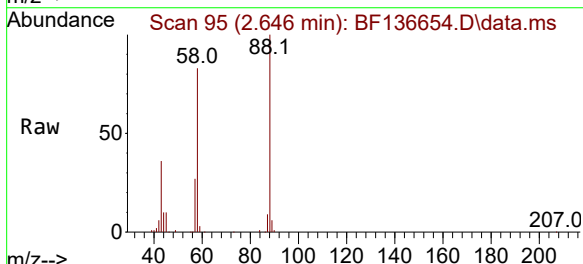
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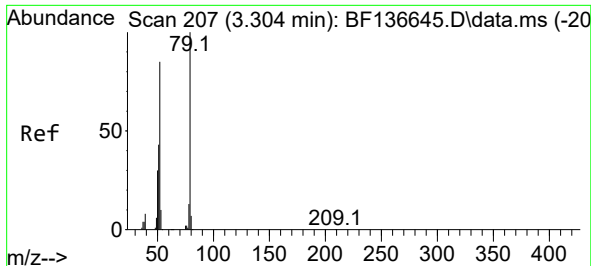
Tgt Ion:152 Resp: 91997
 Ion Ratio Lower Upper
 152 100
 150 159.5 127.0 190.6
 115 61.5 49.0 73.4



#2
 1,4-Dioxane
 Concen: 30.283 ng
 RT: 2.646 min Scan# 95
 Delta R.T. 0.100 min
 Lab File: BF136654.D
 Acq: 20 Dec 2023 18:33

Tgt Ion: 88 Resp: 74396
 Ion Ratio Lower Upper
 88 100
 58 83.5 67.4 101.0
 43 34.3 27.7 41.5

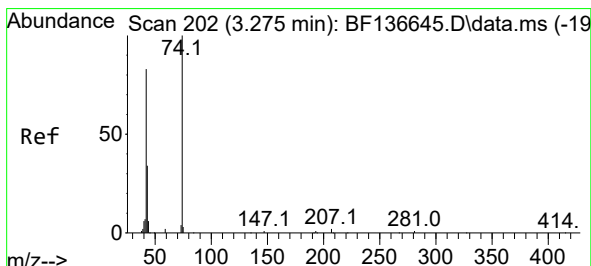
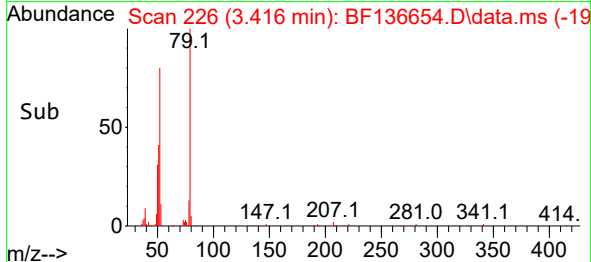
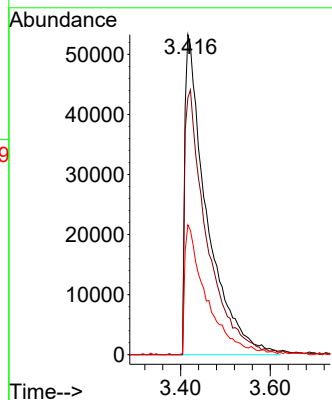
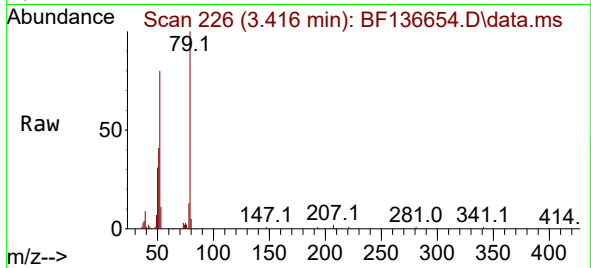




#3
Pyridine
Concen: 30.045 ng
RT: 3.416 min Scan# 21
Delta R.T. 0.112 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

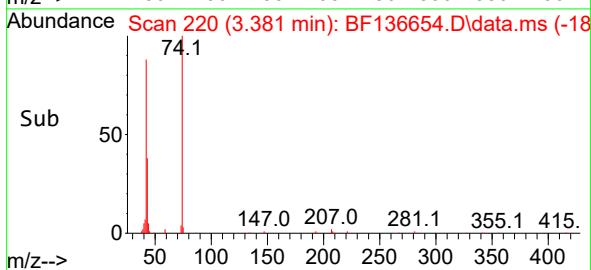
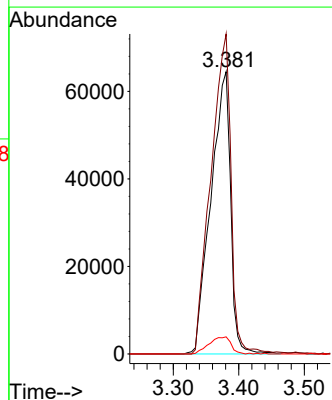
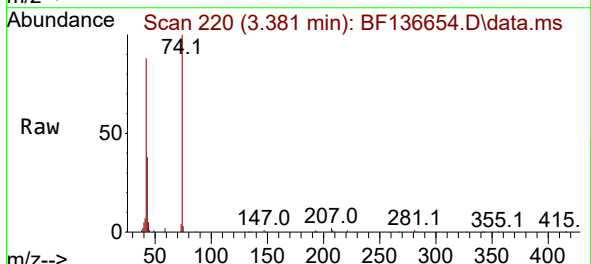
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ClientSampleId :
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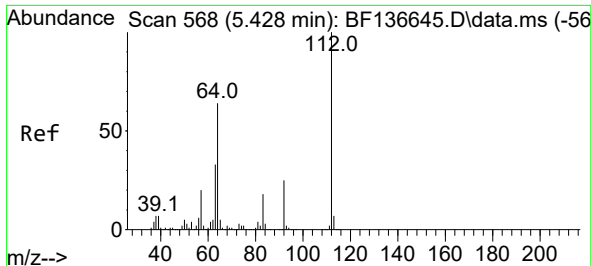
Tgt Ion: 79 Resp: 180091
Ion Ratio Lower Upper
79 100
52 80.2 67.7 101.5
51 40.5 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 41.976 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.106 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion: 42 Resp: 134363
Ion Ratio Lower Upper
42 100
74 113.4 96.0 144.0
44 6.1 5.4 8.2

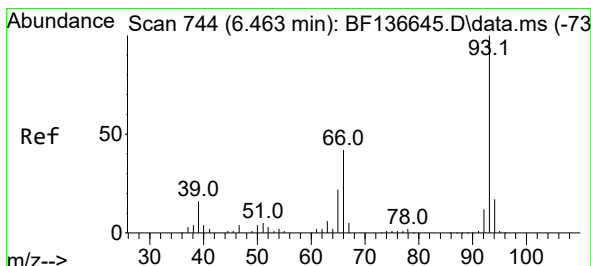
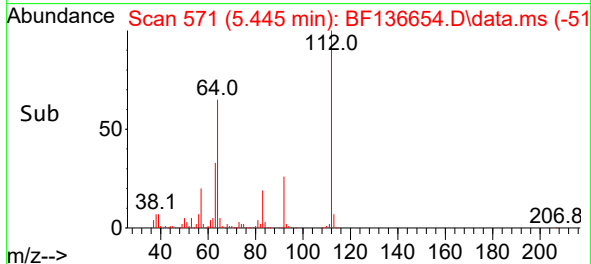
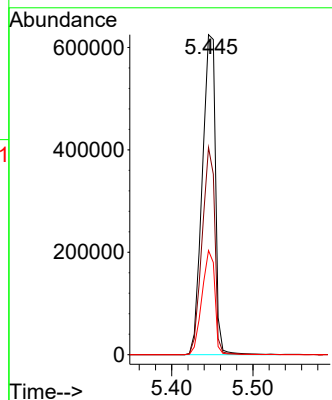
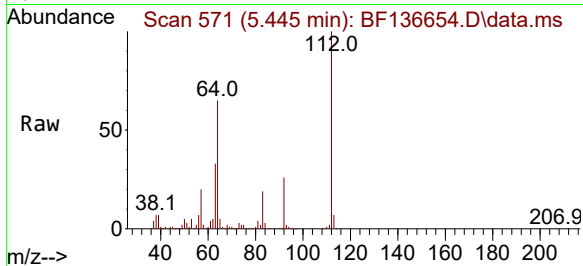




#5
2-Fluorophenol
Concen: 119.847 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

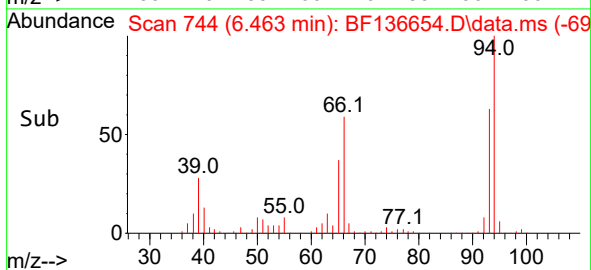
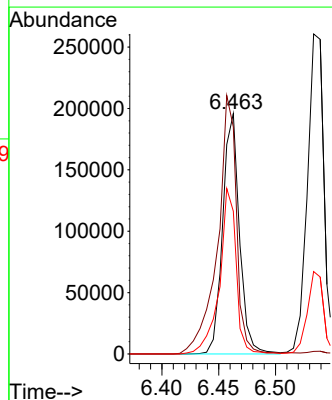
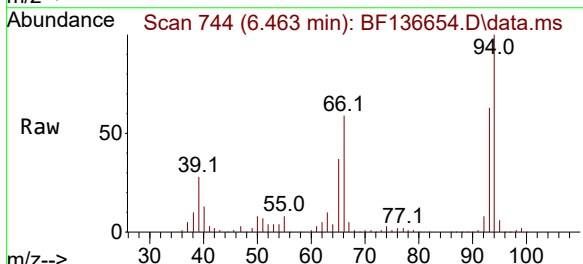
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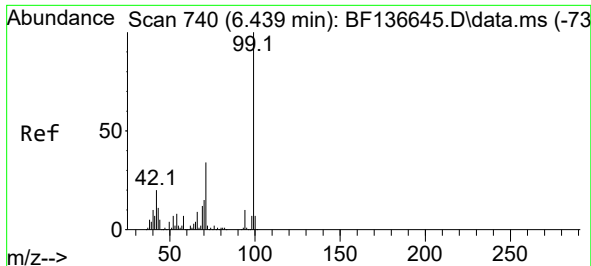
Tgt Ion:112 Resp: 706638
Ion Ratio Lower Upper
112 100
64 64.7 51.1 76.7
63 32.6 26.1 39.1



#6
Aniline
Concen: 26.491 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion: 93 Resp: 202355
Ion Ratio Lower Upper
93 100
66 94.4 34.6 51.8#
65 59.4 17.8 26.8#





#7

Phenol-d6

Concen: 114.892 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF136654.D

Acq: 20 Dec 2023 18:33

Instrument :

BNA_F

ClientSampleId :

PB157565BS

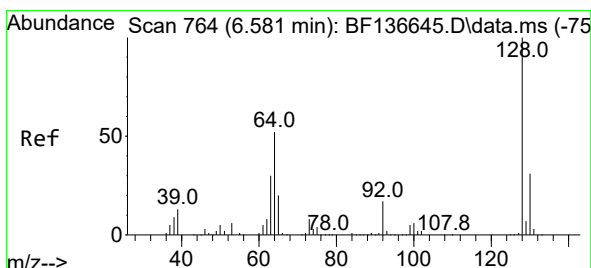
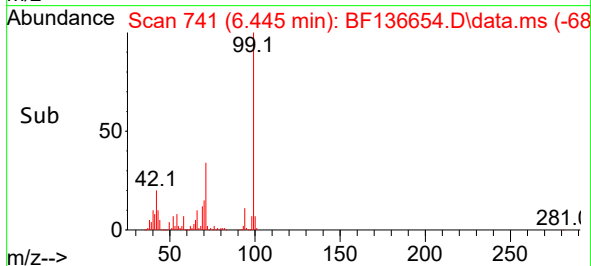
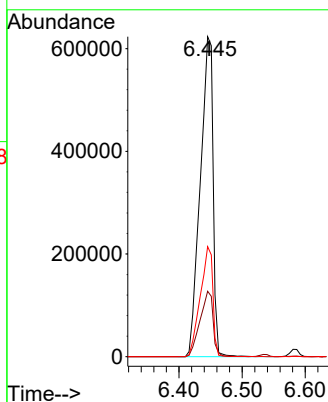
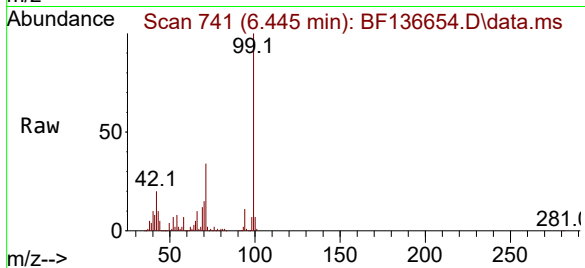
Tgt Ion: 99 Resp: 877773

Ion Ratio Lower Upper

99 100

42 20.4 16.1 24.1

71 34.4 27.4 41.2



#8

2-Chlorophenol

Concen: 43.146 ng

RT: 6.586 min Scan# 765

Delta R.T. 0.006 min

Lab File: BF136654.D

Acq: 20 Dec 2023 18:33

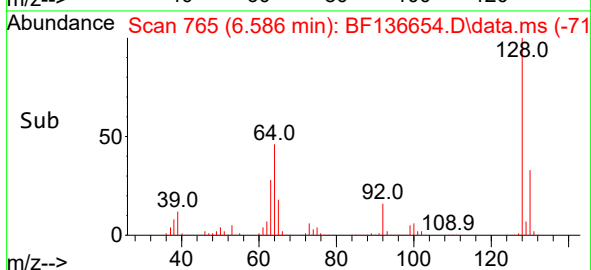
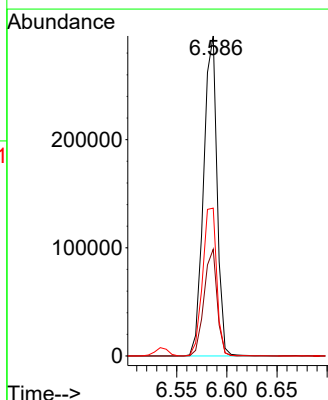
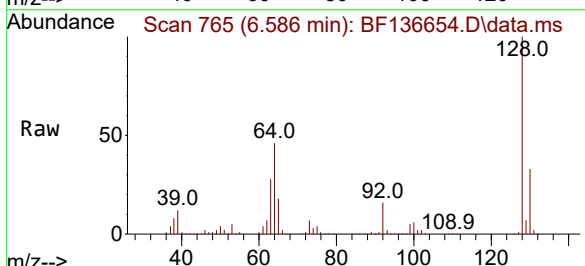
Tgt Ion:128 Resp: 278397

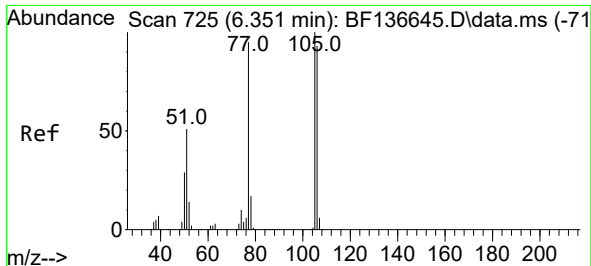
Ion Ratio Lower Upper

128 100

130 33.4 11.3 51.3

64 46.2 32.5 72.5

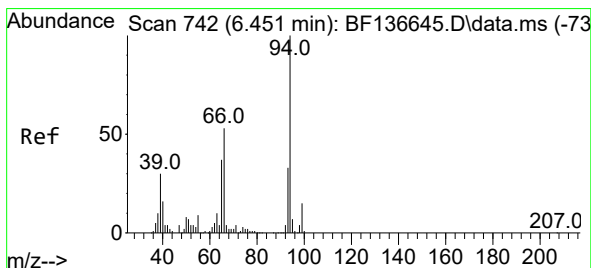
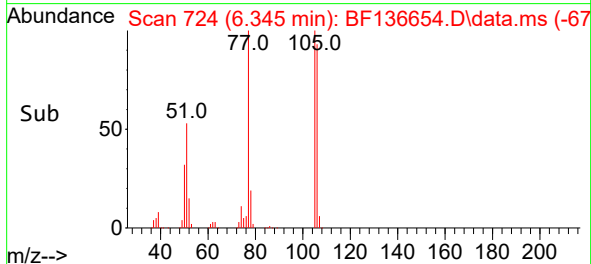
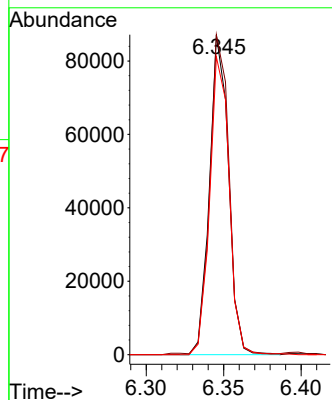
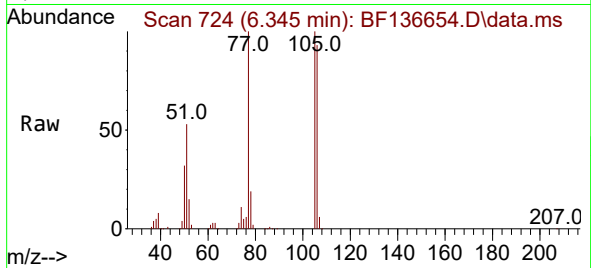




#9
Benzaldehyde
Concen: 17.111 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

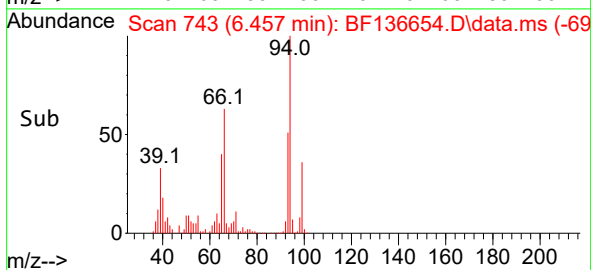
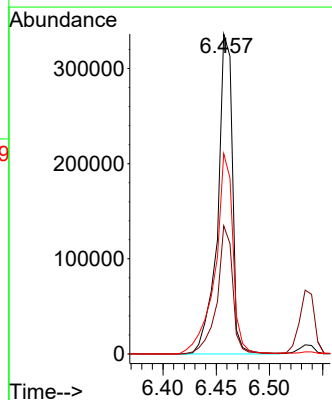
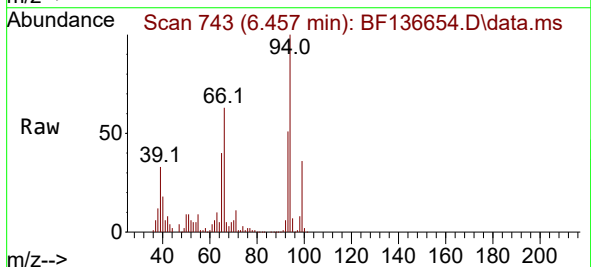
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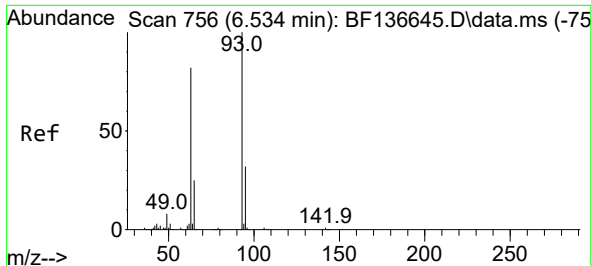
Tgt Ion: 77 Resp: 74359
Ion Ratio Lower Upper
77 100
105 100.1 84.8 124.8
106 93.2 77.8 117.8



#10
Phenol
Concen: 39.848 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion: 94 Resp: 324993
Ion Ratio Lower Upper
94 100
65 40.1 16.6 56.6
66 62.6 32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 42.274 ng

RT: 6.533 min Scan# 756

Delta R.T. -0.000 min

Lab File: BF136654.D

Acq: 20 Dec 2023 18:33

Instrument :

BNA_F

ClientSampleId :

PB157565BS

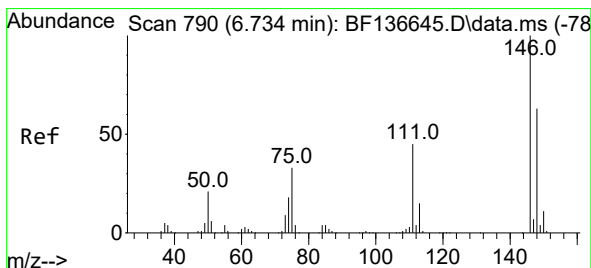
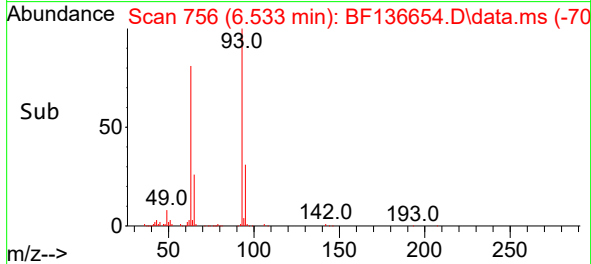
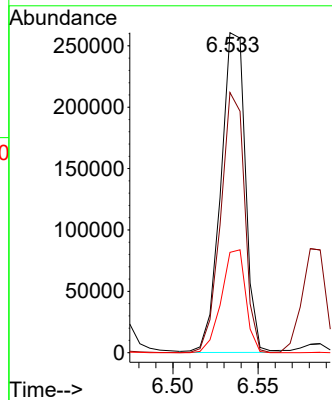
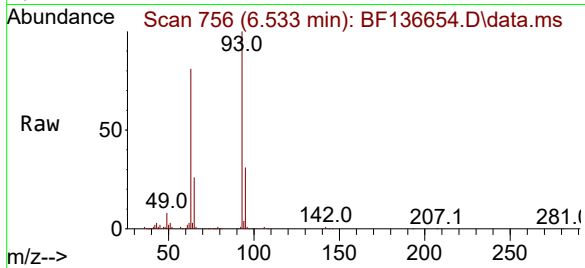
Tgt Ion: 93 Resp: 262199

Ion Ratio Lower Upper

93 100

63 81.3 61.2 101.2

95 31.4 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 38.825 ng

RT: 6.733 min Scan# 790

Delta R.T. -0.000 min

Lab File: BF136654.D

Acq: 20 Dec 2023 18:33

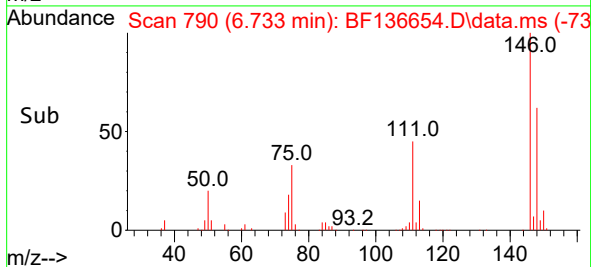
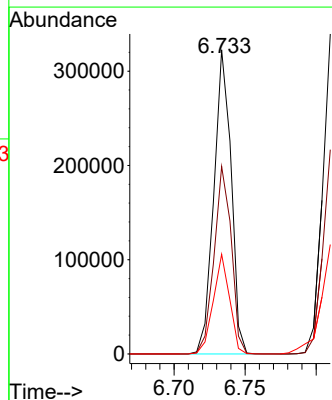
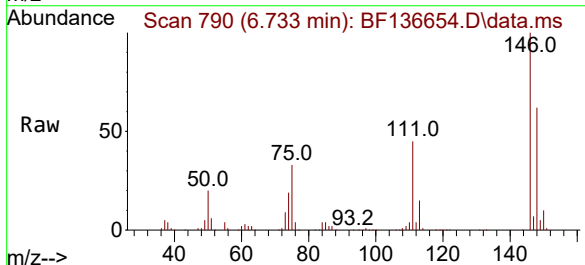
Tgt Ion:146 Resp: 273283

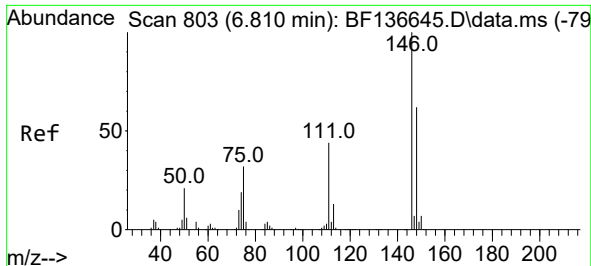
Ion Ratio Lower Upper

146 100

148 61.7 50.5 75.7

75 32.8 26.2 39.4

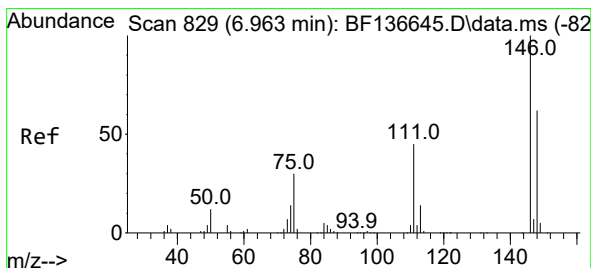
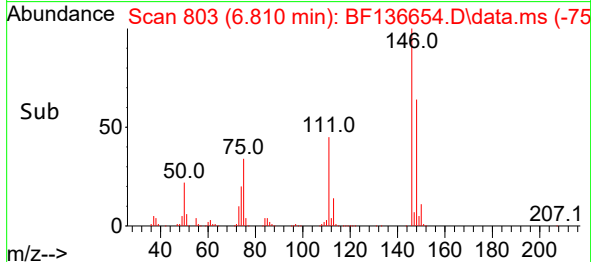
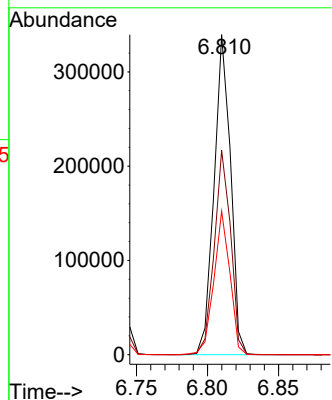
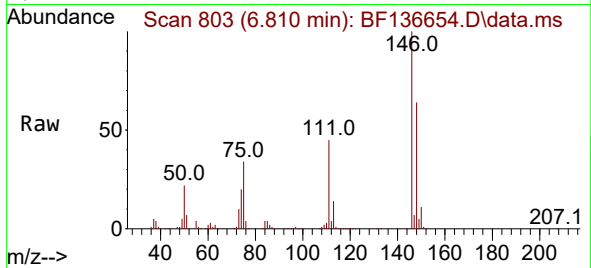




#13
1,4-Dichlorobenzene
Concen: 38.205 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

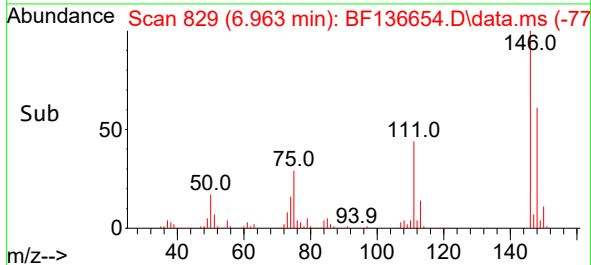
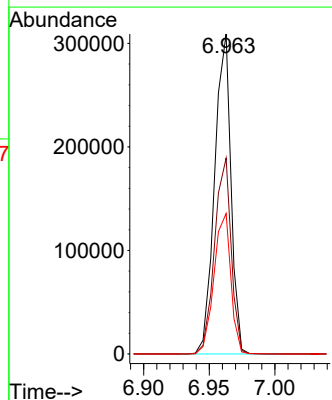
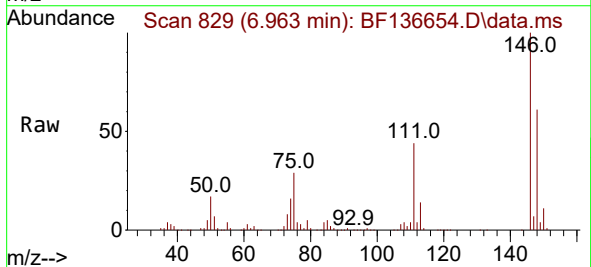
Instrument :
BNA_F
ClientSampleId :
PB157565BS

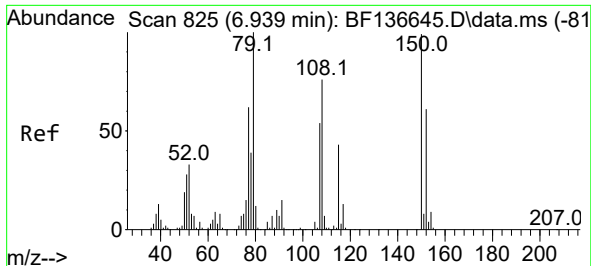
Tgt Ion:146 Resp: 274778
Ion Ratio Lower Upper
146 100
148 63.9 49.2 73.8
111 44.9 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 39.934 ng
RT: 6.963 min Scan# 829
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion:146 Resp: 267255
Ion Ratio Lower Upper
146 100
148 61.2 49.6 74.4
111 43.9 36.2 54.2

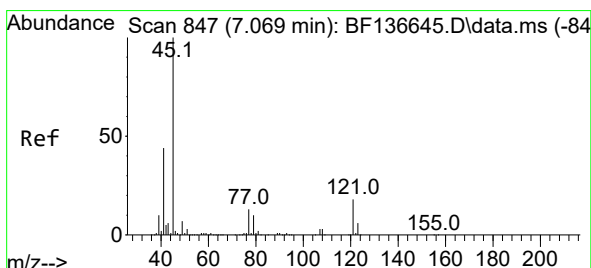
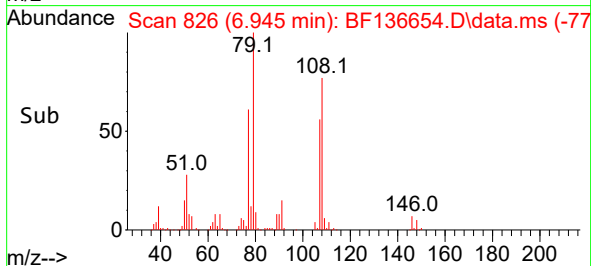
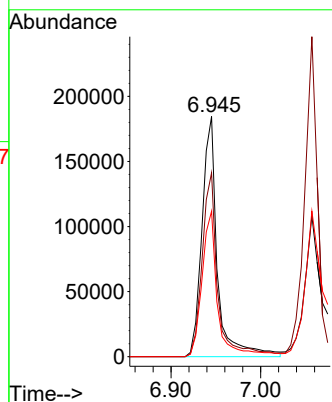
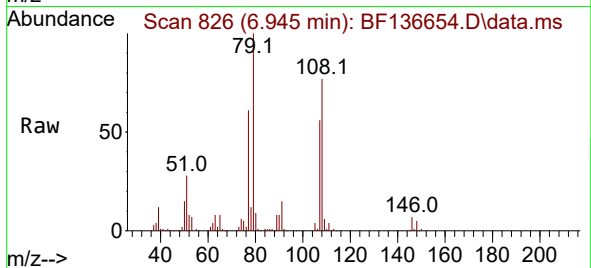




#15
Benzyl Alcohol
Concen: 42.939 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

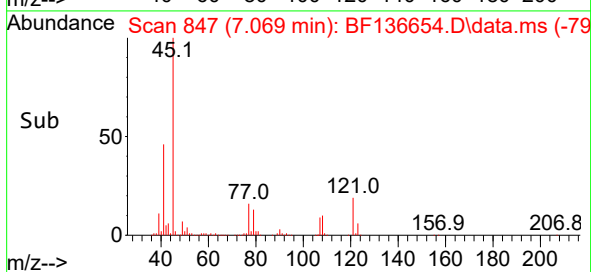
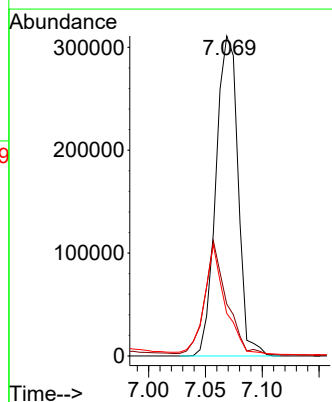
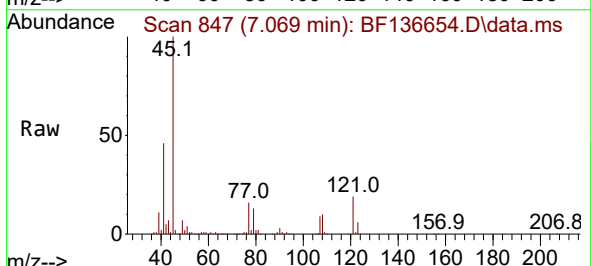
Instrument :
BNA_F
ClientSampleId :
PB157565BS

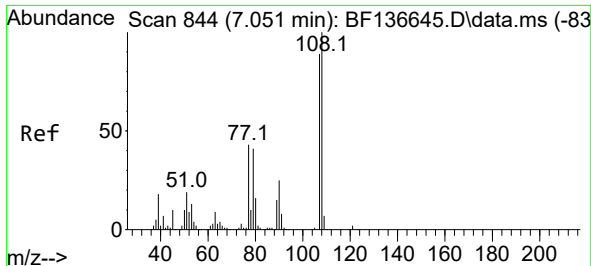
Tgt Ion: 79 Resp: 221318
Ion Ratio Lower Upper
79 100
108 76.6 61.0 91.6
77 60.5 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.502 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion: 45 Resp: 420852
Ion Ratio Lower Upper
45 100
77 16.2 0.0 34.3
79 13.3 0.0 31.4

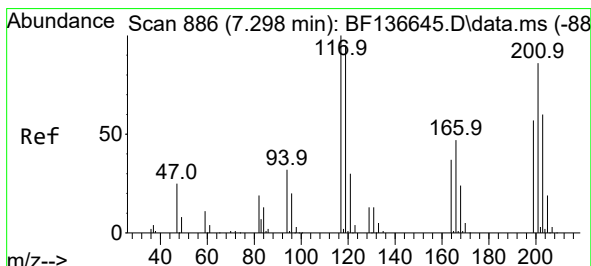
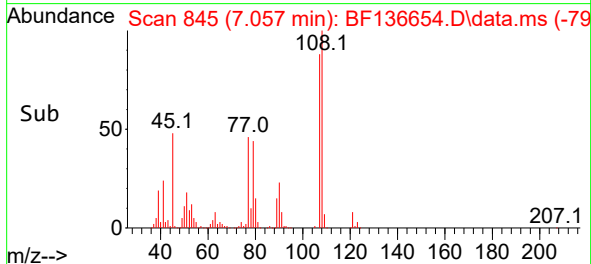
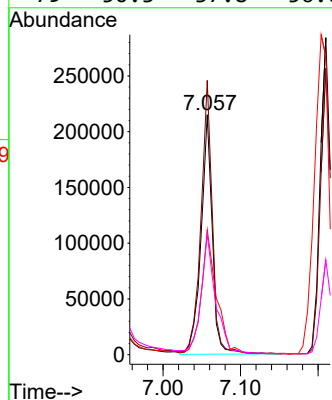
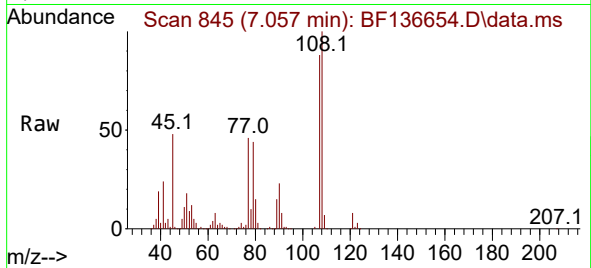




#17
2-Methylphenol
Concen: 40.923 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

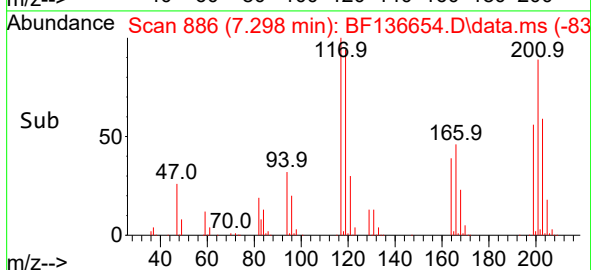
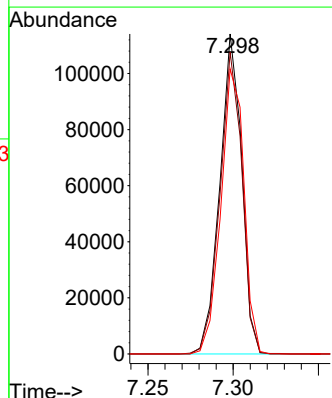
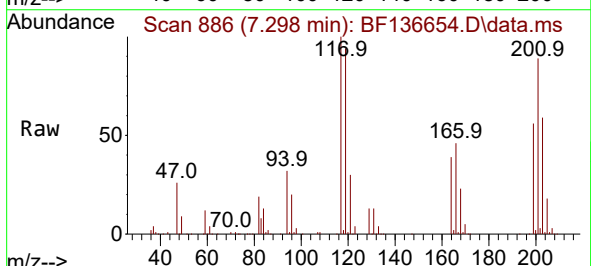
Instrument :
BNA_F
ClientSampleId :
PB157565BS

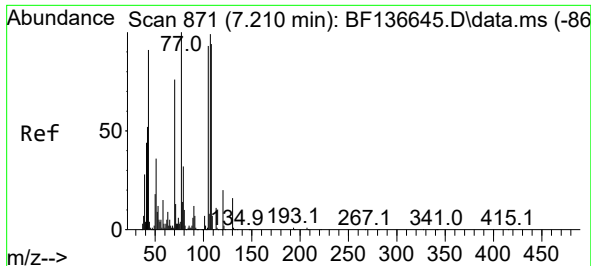
Tgt Ion:107 Resp: 218750
Ion Ratio Lower Upper
107 100
108 114.3 90.3 135.5
77 52.0 38.7 58.1
79 50.3 37.8 56.6



#18
Hexachloroethane
Concen: 39.126 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion:117 Resp: 102195
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.6
201 89.1 69.1 103.7

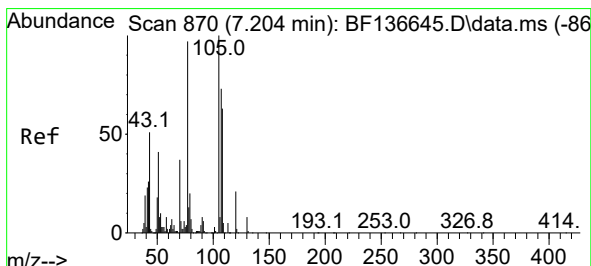
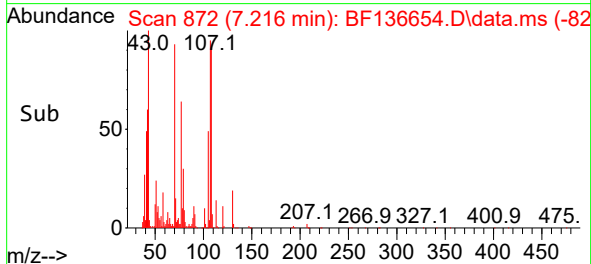
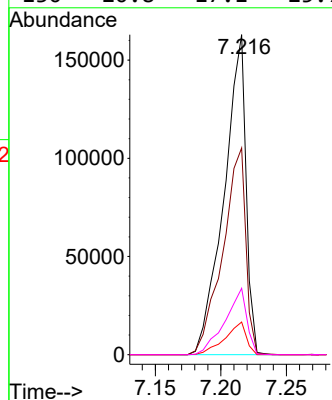
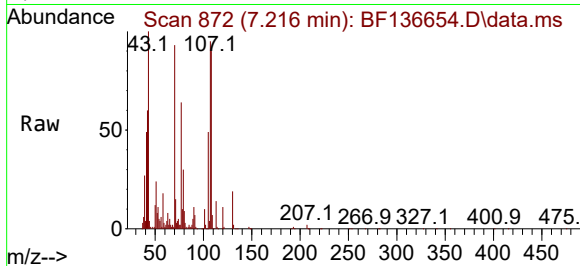




#19
n-Nitroso-di-n-propylamine
Concen: 40.920 ng
RT: 7.216 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

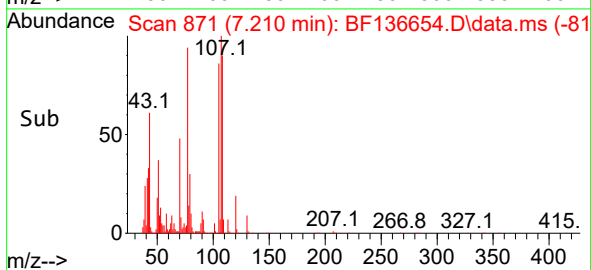
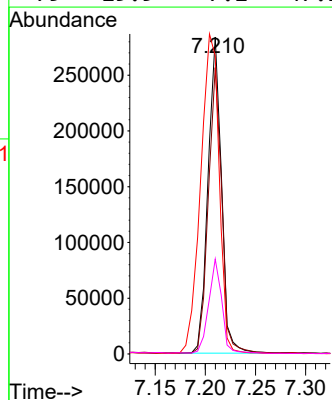
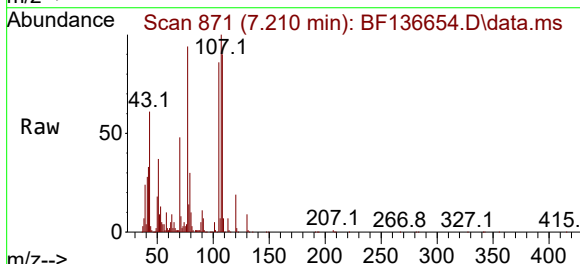
Instrument :
BNA_F
ClientSampleId :
PB157565BS

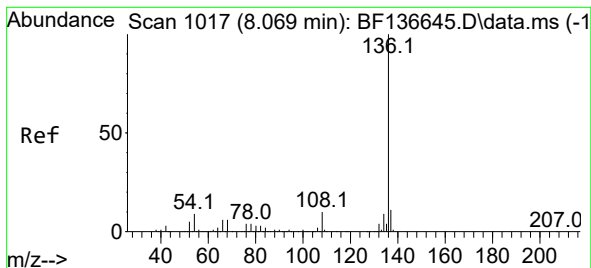
Tgt Ion: 70 Resp: 189514
Ion Ratio Lower Upper
70 100
42 64.6 54.2 81.4
101 10.2 7.6 11.4
130 20.8 17.1 25.7



#20
3+4-Methylphenols
Concen: 39.650 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion: 107 Resp: 264784
Ion Ratio Lower Upper
107 100
108 90.4 66.0 106.0
77 94.1 114.2 154.2#
79 29.9 7.2 47.2



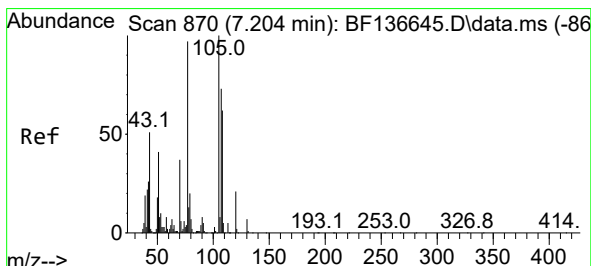
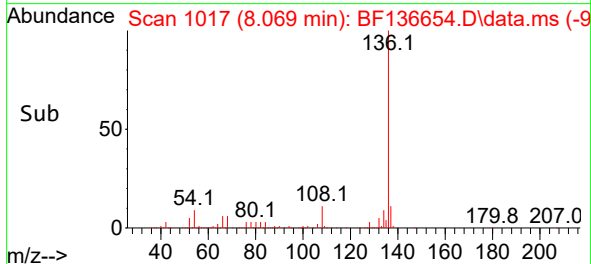
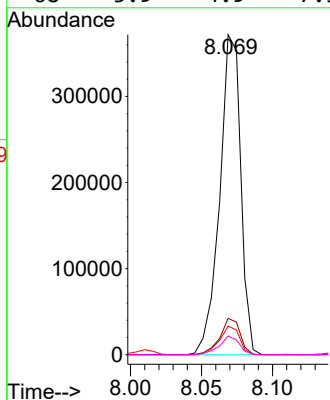
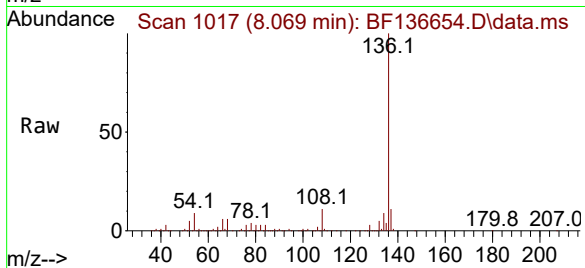


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Instrument :
BNA_F
ClientSampleId :
PB157565BS

Tgt Ion:136 Resp: 382722

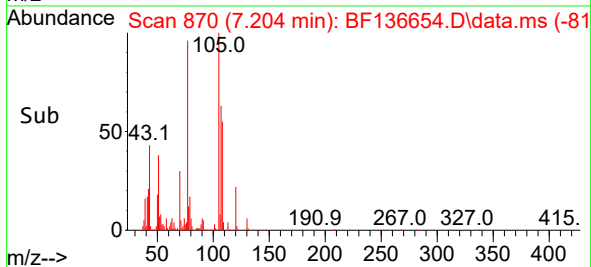
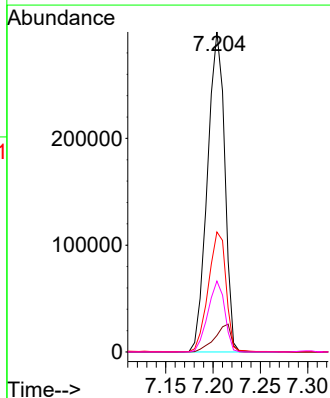
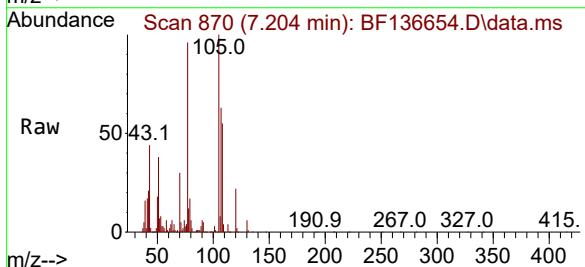
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.9	7.2	10.8
68	5.9	4.9	7.3

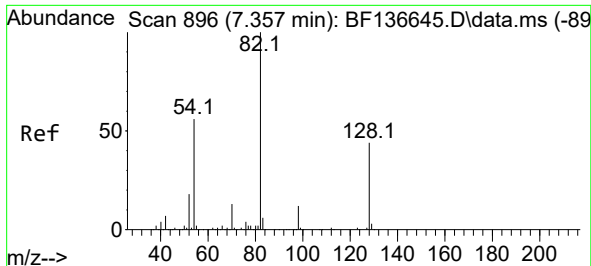


#22
Acetophenone
Concen: 39.556 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion:105 Resp: 379455

Ion	Ratio	Lower	Upper
105	100		
71	5.2	4.8	7.2
51	37.5	32.8	49.2
120	22.2	17.0	25.6





#23

Nitrobenzene-d5

Concen: 73.820 ng

RT: 7.363 min Scan# 89

Delta R.T. 0.006 min

Lab File: BF136654.D

Acq: 20 Dec 2023 18:33

Instrument :

BNA_F

ClientSampleId :

PB157565BS

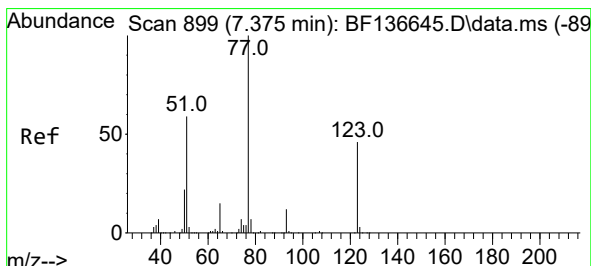
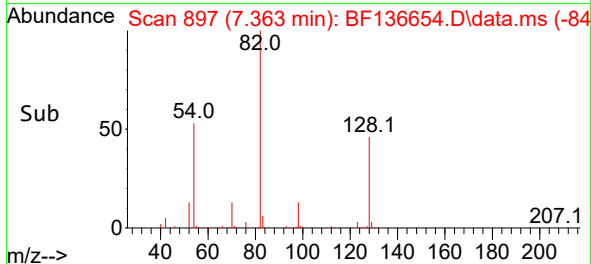
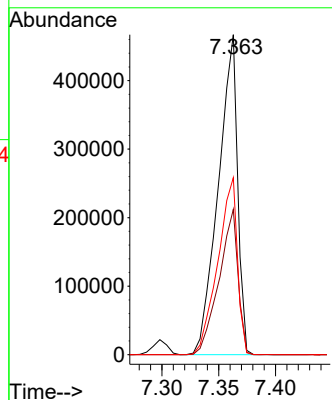
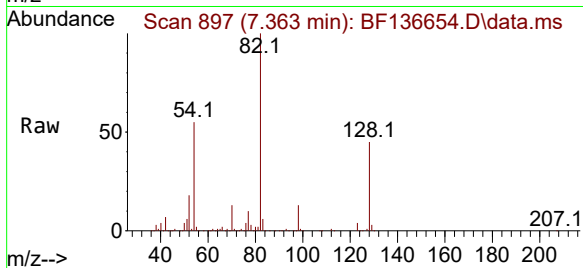
Tgt Ion: 82 Resp: 552118

Ion Ratio Lower Upper

82 100

128 45.4 35.3 52.9

54 55.3 44.5 66.7



#24

Nitrobenzene

Concen: 38.193 ng

RT: 7.380 min Scan# 900

Delta R.T. 0.006 min

Lab File: BF136654.D

Acq: 20 Dec 2023 18:33

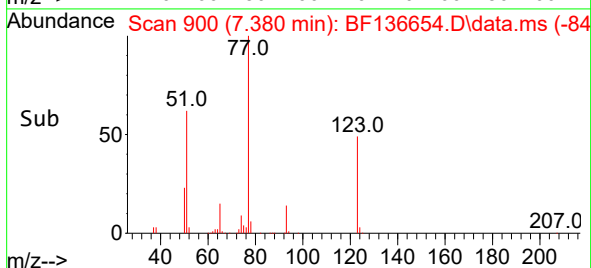
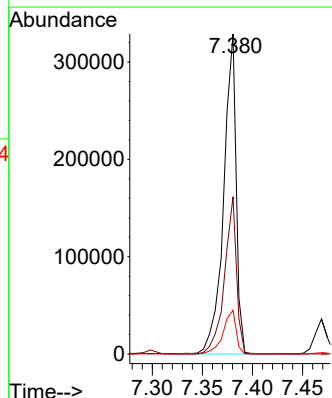
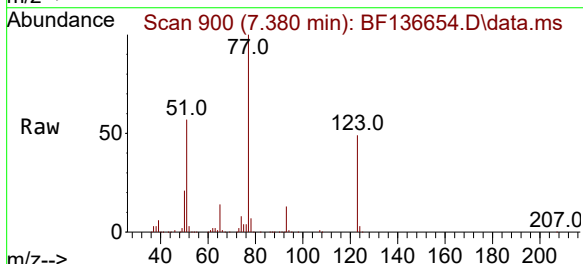
Tgt Ion: 77 Resp: 286151

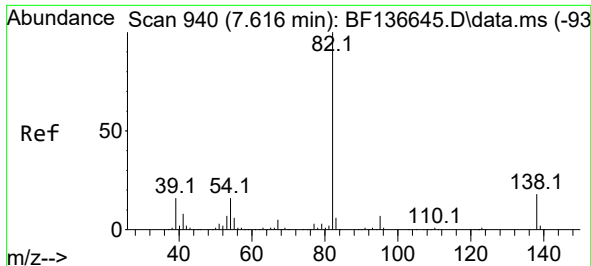
Ion Ratio Lower Upper

77 100

123 49.1 36.7 55.1

65 13.7 11.8 17.6

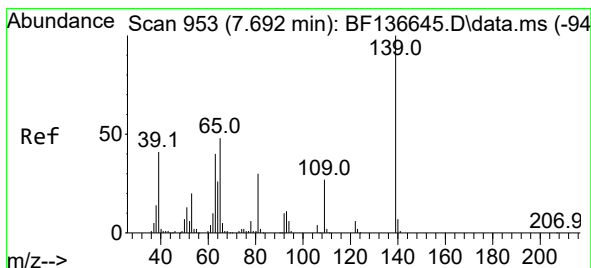
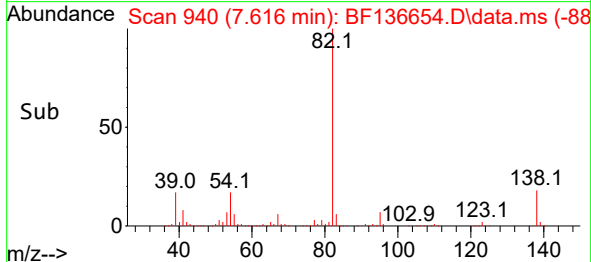
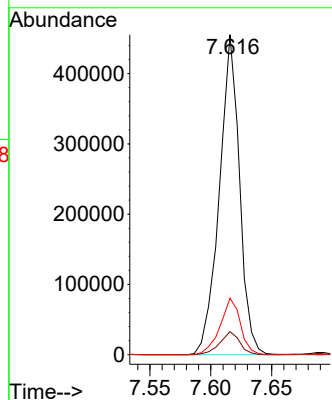
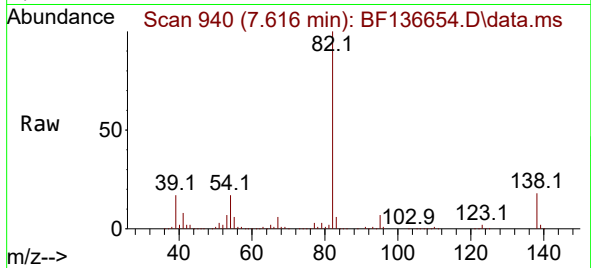




#25
Isophorone
Concen: 38.575 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

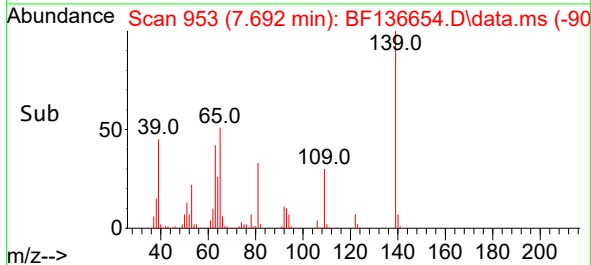
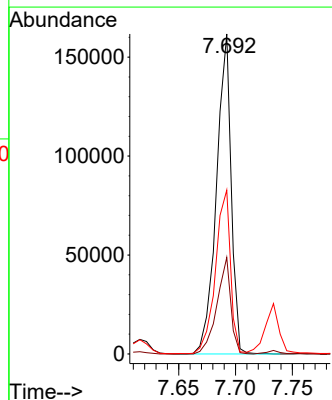
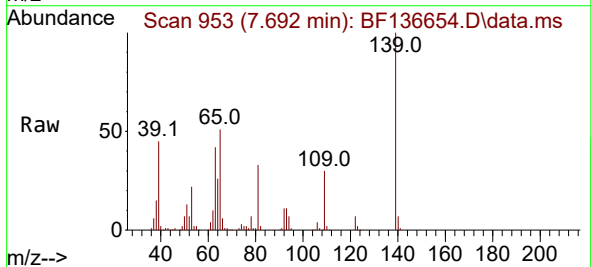
Instrument :
BNA_F
ClientSampleId :
PB157565BS

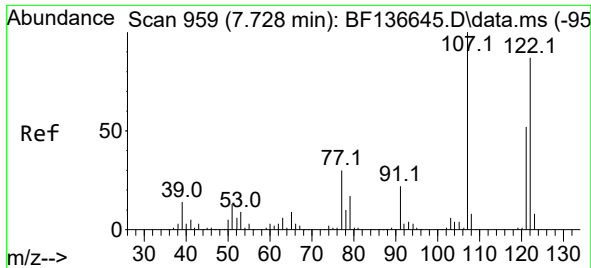
Tgt Ion: 82 Resp: 524985
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.6 14.5 21.7



#26
2-Nitrophenol
Concen: 40.732 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion:139 Resp: 146008
Ion Ratio Lower Upper
139 100
109 30.1 21.9 32.9
65 51.2 38.6 58.0

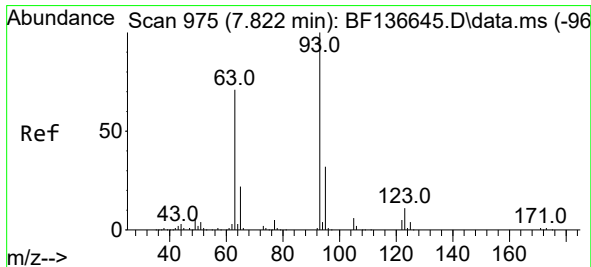
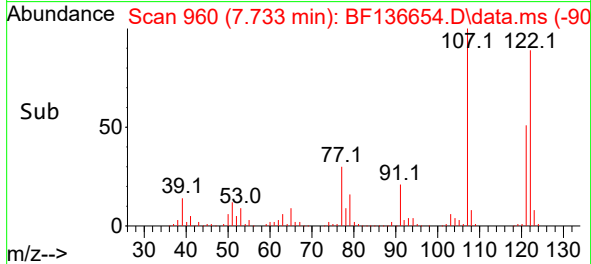
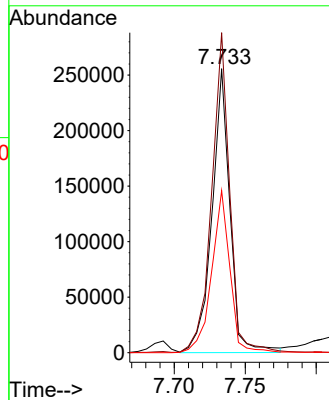
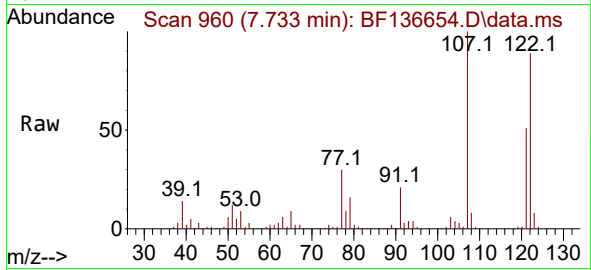




#27
2,4-Dimethylphenol
Concen: 51.369 ng
RT: 7.733 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

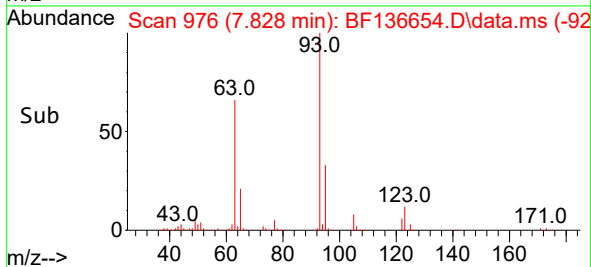
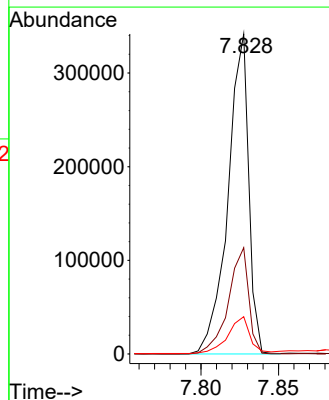
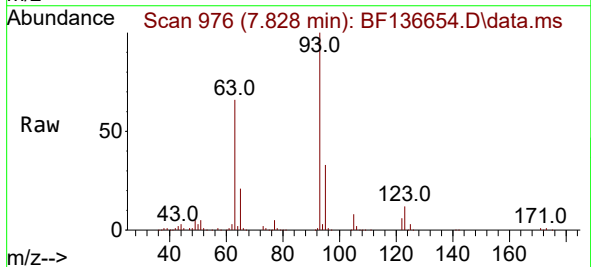
Instrument :
BNA_F
ClientSampleId :
PB157565BS

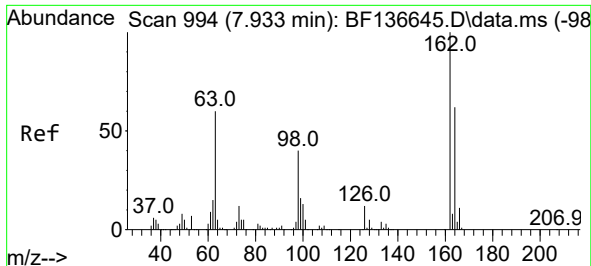
Tgt Ion:122 Resp: 224177
Ion Ratio Lower Upper
122 100
107 112.7 92.0 138.0
121 57.1 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 38.421 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.006 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion: 93 Resp: 317835
Ion Ratio Lower Upper
93 100
95 33.2 25.5 38.3
123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.483 ng

RT: 7.933 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF136654.D

Acq: 20 Dec 2023 18:33

Instrument :

BNA_F

ClientSampleId :

PB157565BS

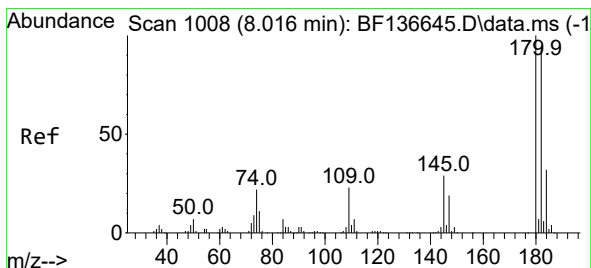
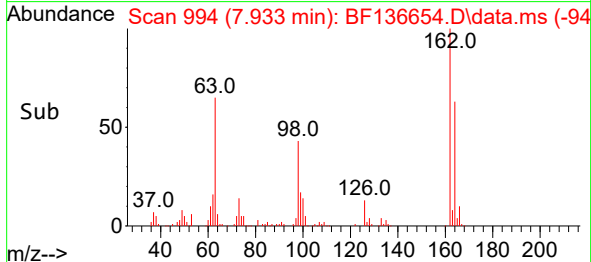
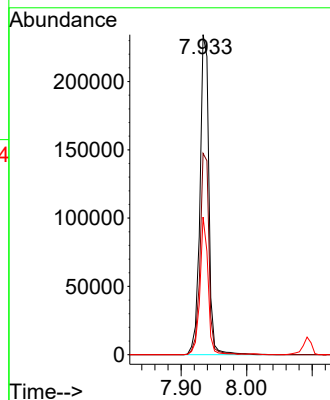
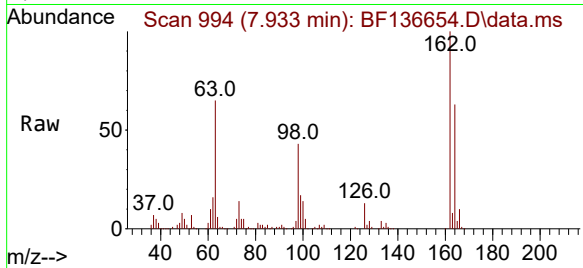
Tgt Ion:162 Resp: 221829

Ion Ratio Lower Upper

162 100

164 62.9 41.7 81.7

98 43.0 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 37.992 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF136654.D

Acq: 20 Dec 2023 18:33

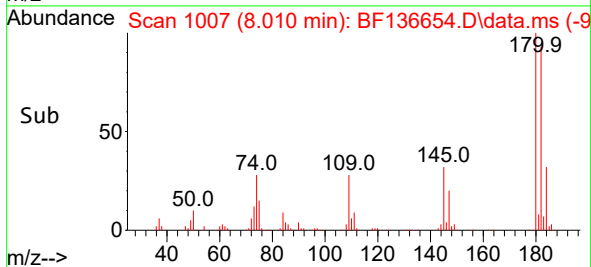
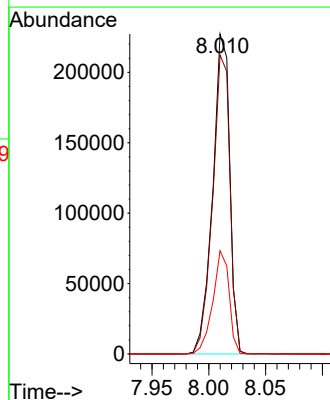
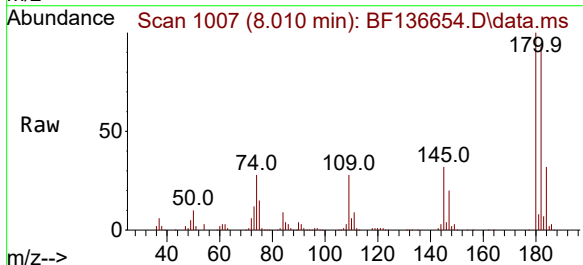
Tgt Ion:180 Resp: 237826

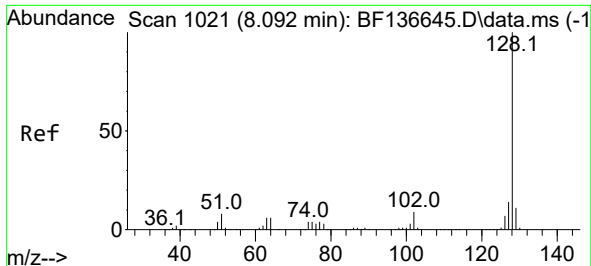
Ion Ratio Lower Upper

180 100

182 93.4 75.4 113.0

145 32.2 23.1 34.7

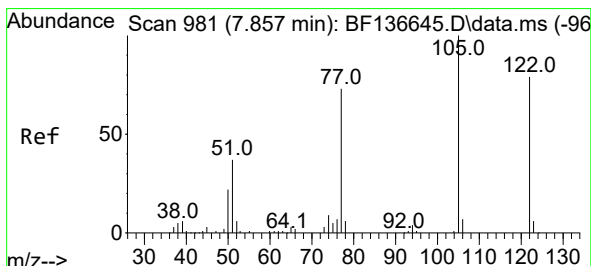
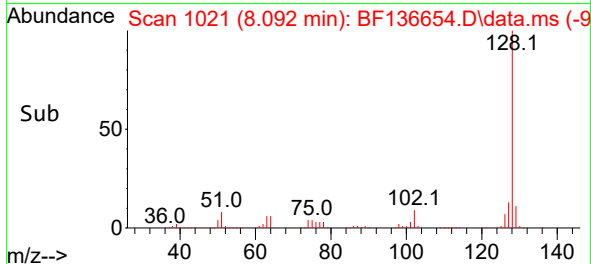
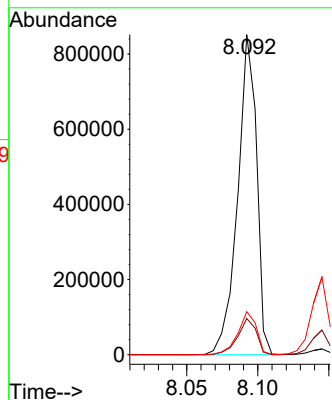
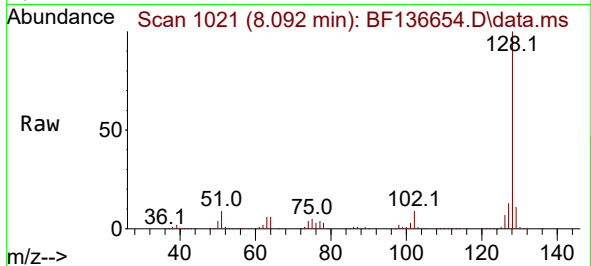




#31
Naphthalene
Concen: 37.711 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

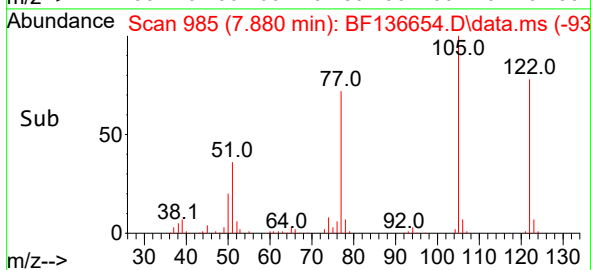
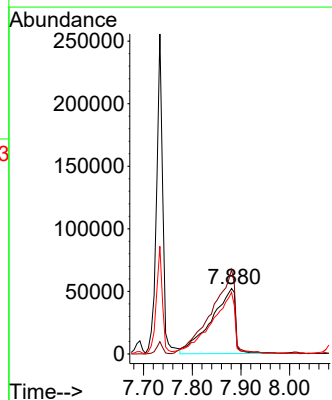
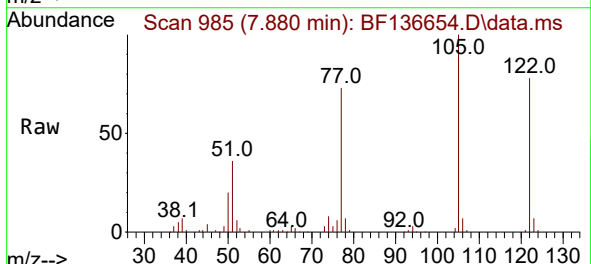
Instrument :
BNA_F
ClientSampleId :
PB157565BS

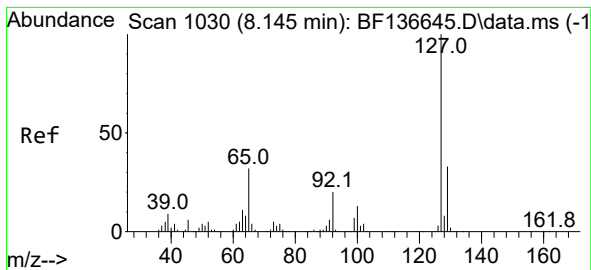
Tgt Ion:128 Resp: 792902
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 42.850 ng
RT: 7.880 min Scan# 985
Delta R.T. 0.024 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion:122 Resp: 180937
Ion Ratio Lower Upper
122 100
105 128.9 100.8 140.8
77 94.0 70.9 110.9

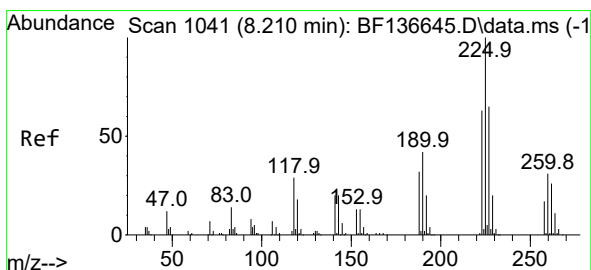
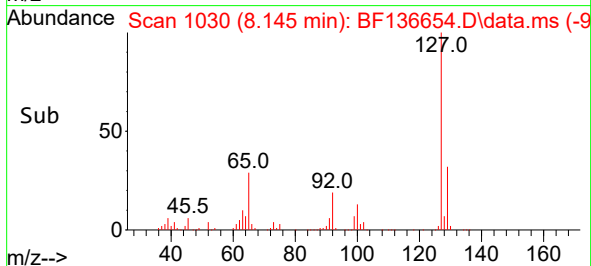
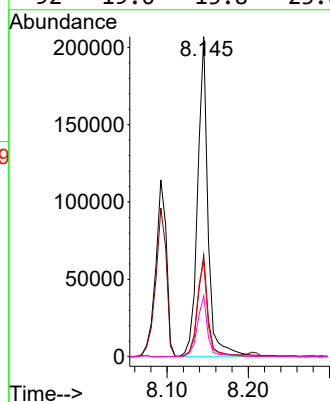
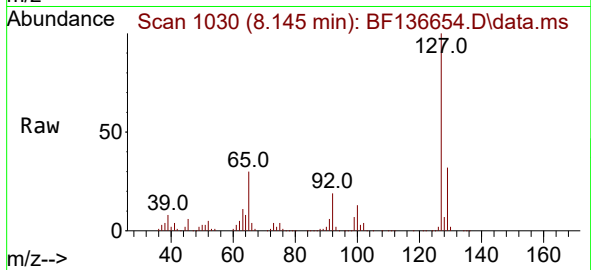




#33
4-Chloroaniline
Concen: 23.677 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

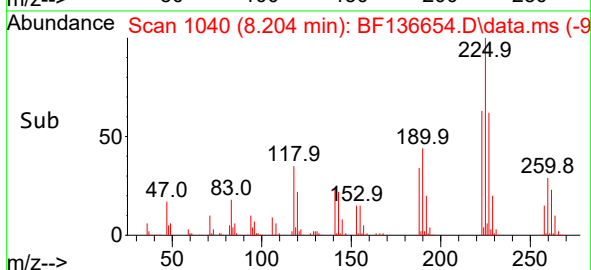
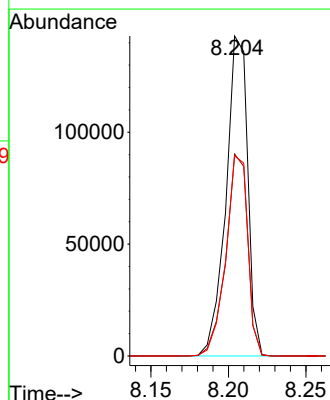
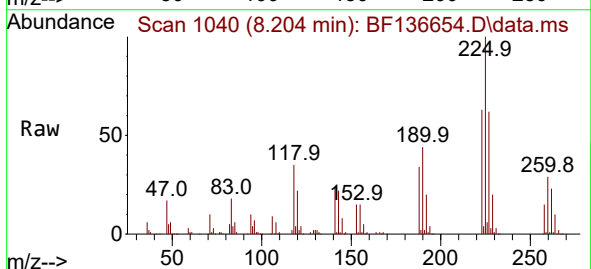
Instrument :
BNA_F
ClientSampleId :
PB157565BS

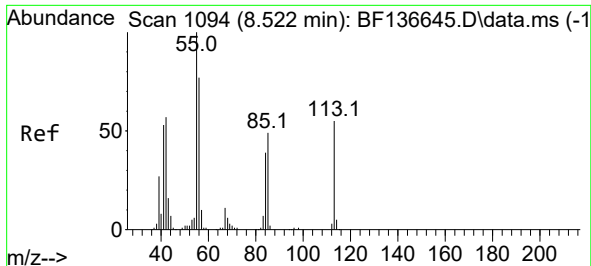
Tgt Ion:	127	Resp:	183803
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	29.7	25.8	38.8
92	19.0	15.8	23.6



#34
Hexachlorobutadiene
Concen: 36.670 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion:	225	Resp:	139469
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	62.5	51.9	77.9

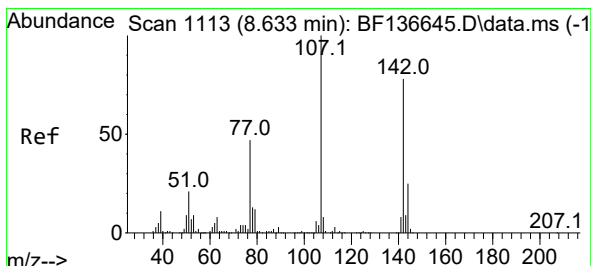
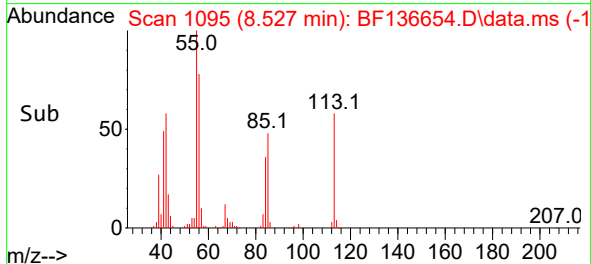
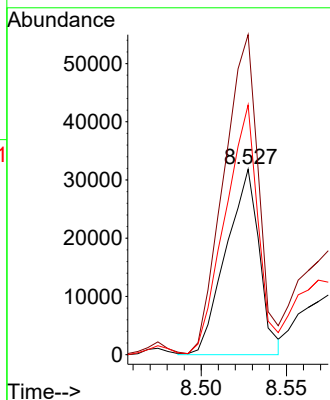
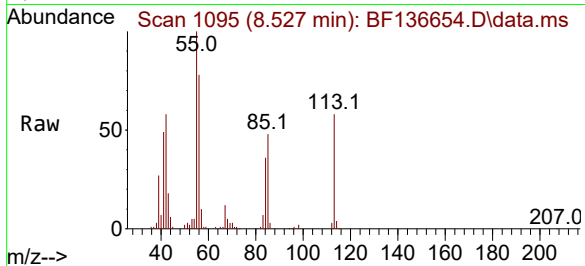




#35
 Caprolactam
 Concen: 23.414 ng
 RT: 8.527 min Scan# 1094
 Delta R.T. 0.006 min
 Lab File: BF136654.D
 Acq: 20 Dec 2023 18:33

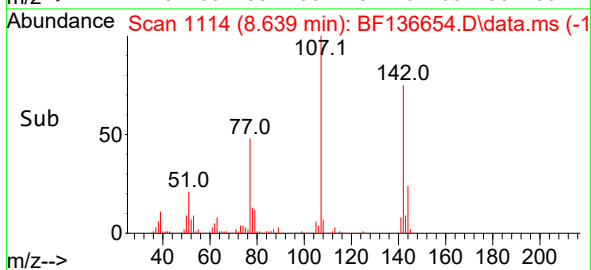
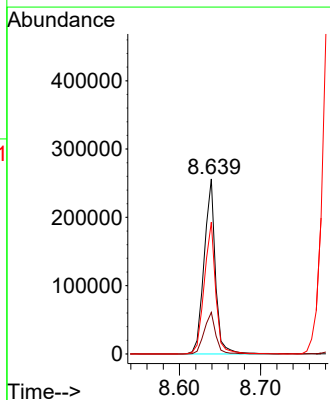
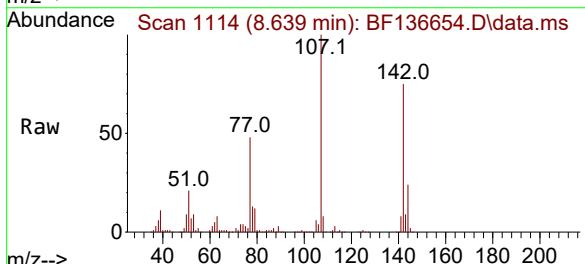
Instrument :
 BNA_F
 ClientSampleId :
 PB157565BS

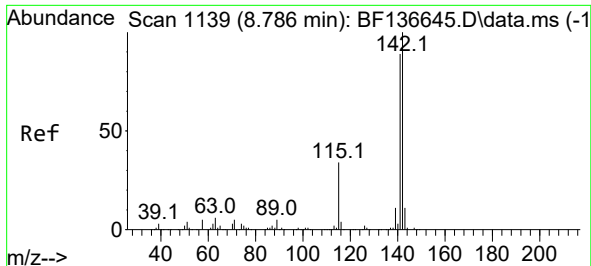
Tgt Ion:113 Resp: 43397
 Ion Ratio Lower Upper
 113 100
 55 172.6 163.1 203.1
 56 134.7 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.129 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF136654.D
 Acq: 20 Dec 2023 18:33

Tgt Ion:107 Resp: 247496
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.2 30.2
 142 75.3 62.3 93.5

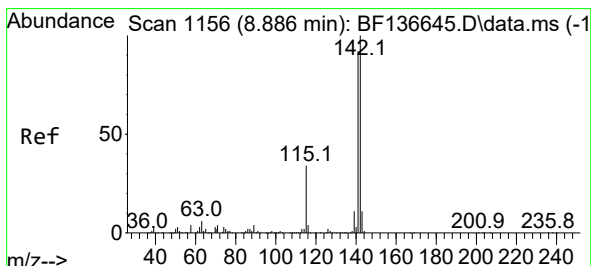
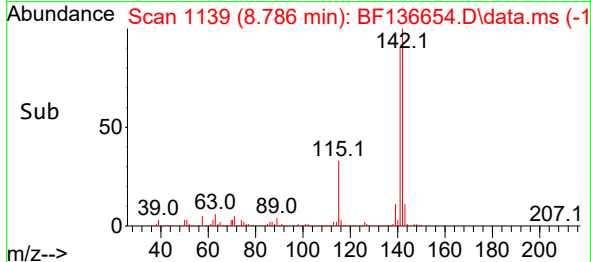
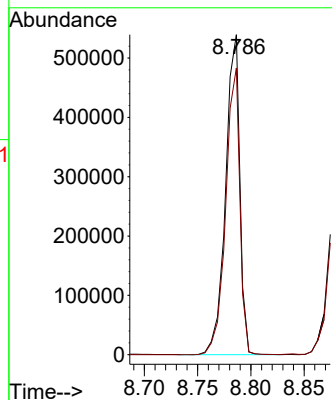
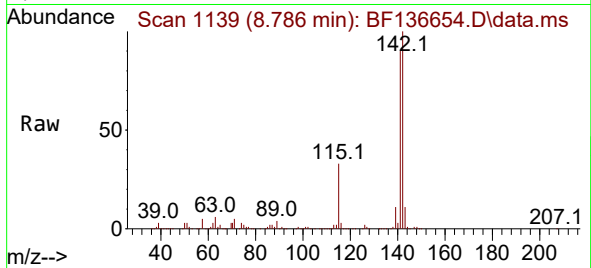




#37
2-Methylnaphthalene
Concen: 37.017 ng
RT: 8.786 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

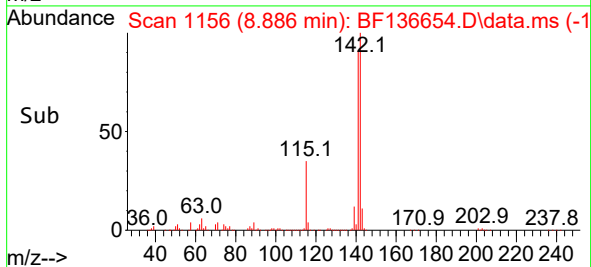
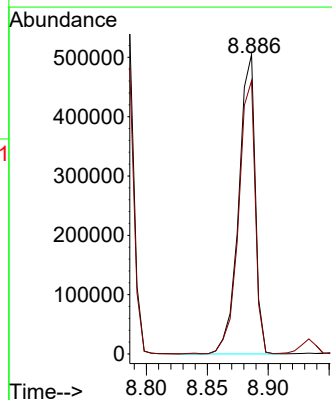
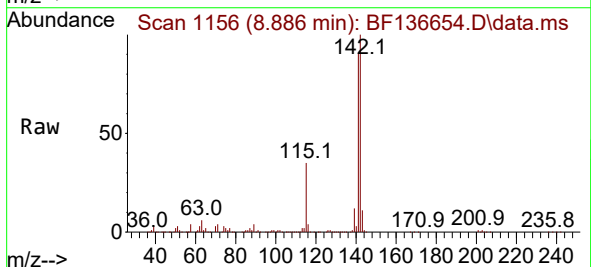
Instrument :
BNA_F
ClientSampleId :
PB157565BS

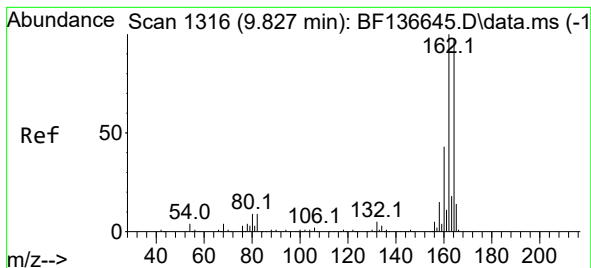
Tgt Ion:142 Resp: 500903
Ion Ratio Lower Upper
142 100
141 89.6 71.1 106.7



#38
1-Methylnaphthalene
Concen: 35.988 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion:142 Resp: 477768
Ion Ratio Lower Upper
142 100
141 91.2 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF136654.D

Acq: 20 Dec 2023 18:33

Instrument :

BNA_F

ClientSampleId :

PB157565BS

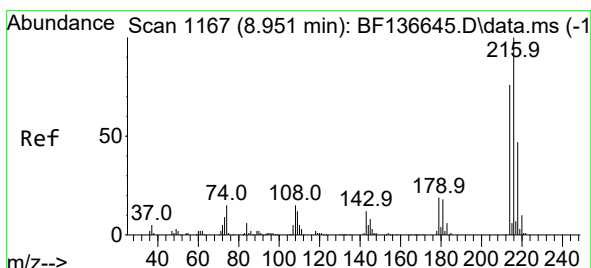
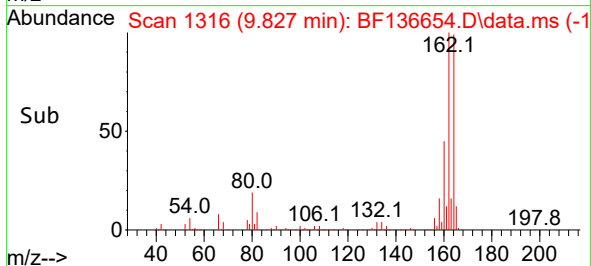
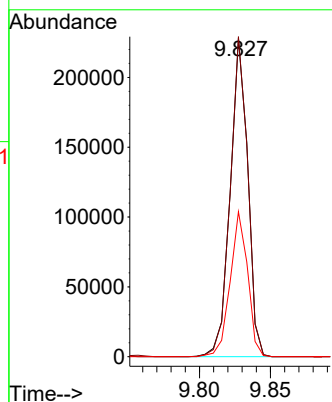
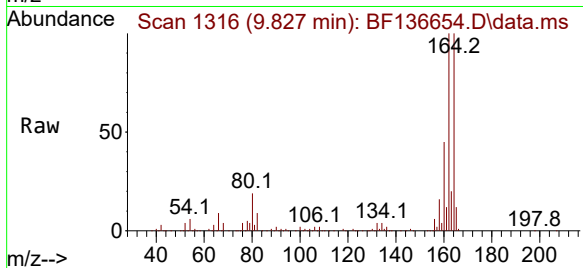
Tgt Ion:164 Resp: 196113

Ion Ratio Lower Upper

164 100

162 100.5 81.6 122.4

160 45.5 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.258 ng

RT: 8.951 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF136654.D

Acq: 20 Dec 2023 18:33

Tgt Ion:216 Resp: 238437

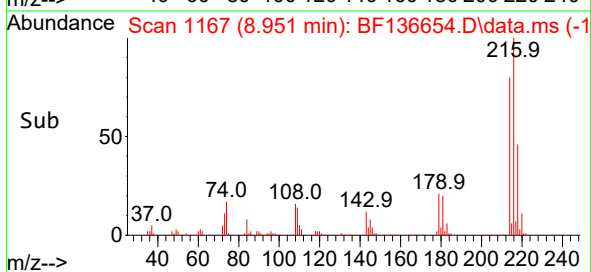
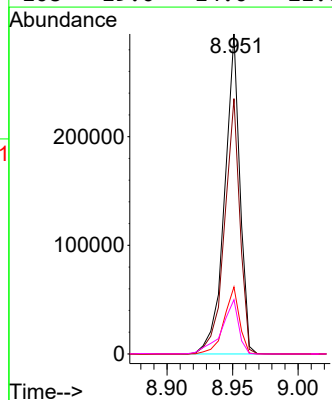
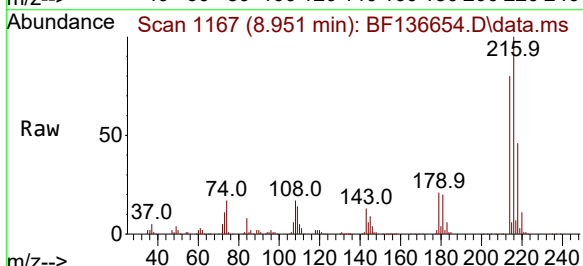
Ion Ratio Lower Upper

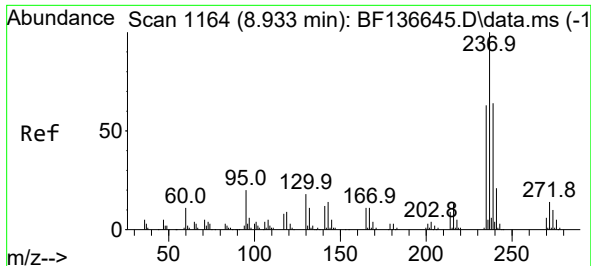
216 100

214 79.7 62.3 93.5

179 20.8 16.4 24.6

108 19.0 14.0 21.0

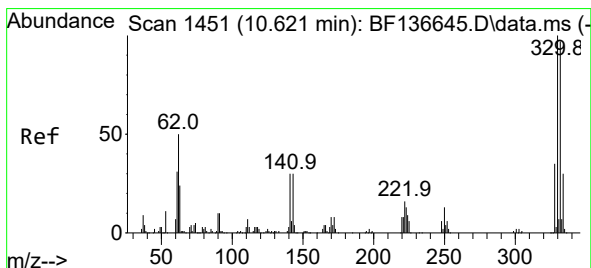
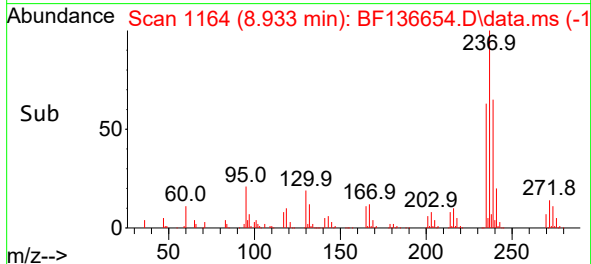
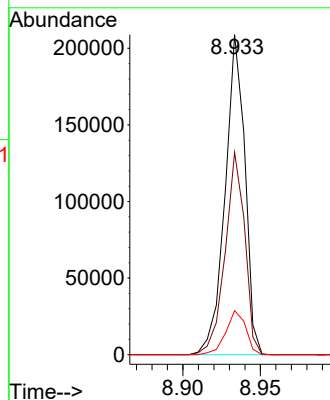
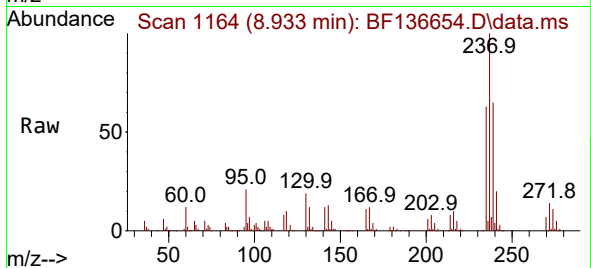




#41
Hexachlorocyclopentadiene
Concen: 94.991 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

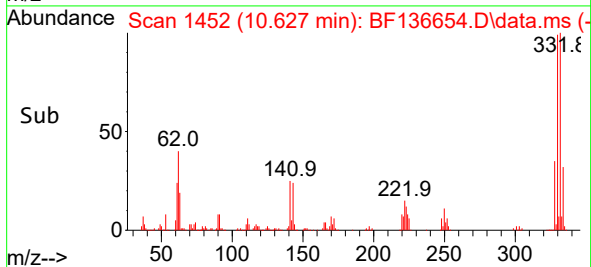
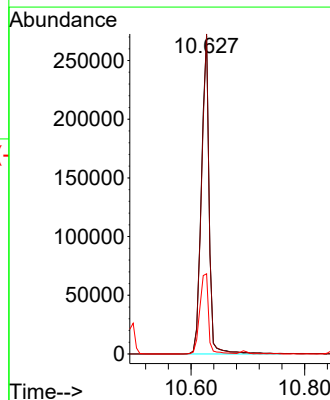
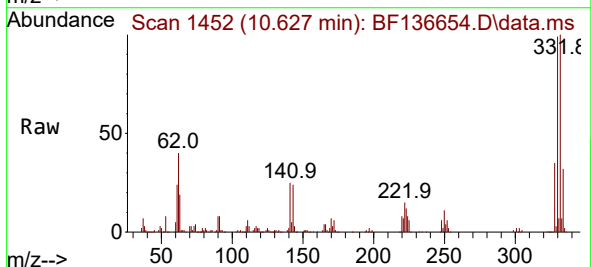
Instrument :
BNA_F
ClientSampleId :
PB157565BS

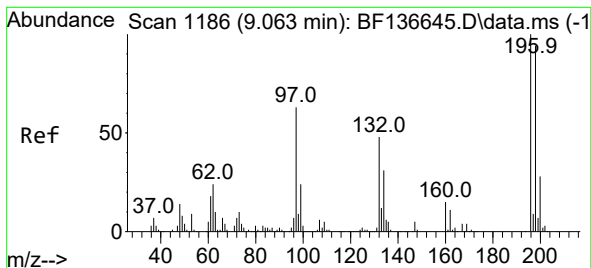
Tgt Ion:237 Resp: 185845
Ion Ratio Lower Upper
237 100
235 63.2 43.2 83.2
272 13.8 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 111.055 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion:330 Resp: 256499
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.0
141 28.7 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 40.748 ng

RT: 9.069 min Scan# 1186

Delta R.T. 0.006 min

Lab File: BF136654.D

Acq: 20 Dec 2023 18:33

Instrument :

BNA_F

ClientSampleId :

PB157565BS

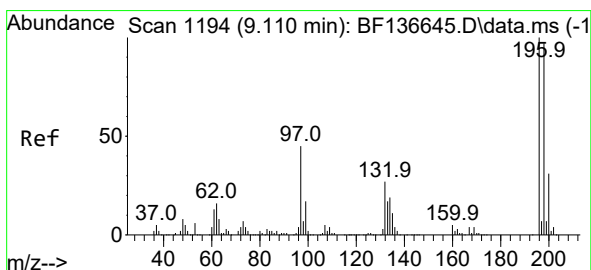
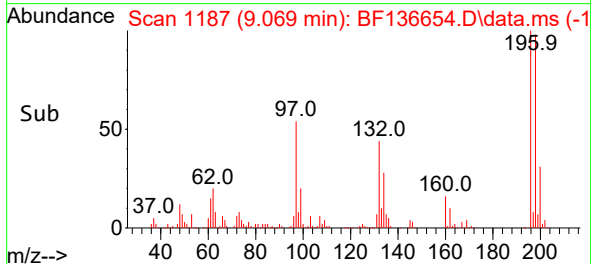
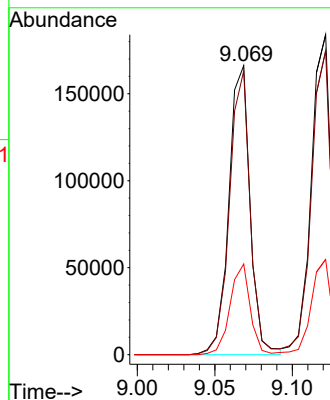
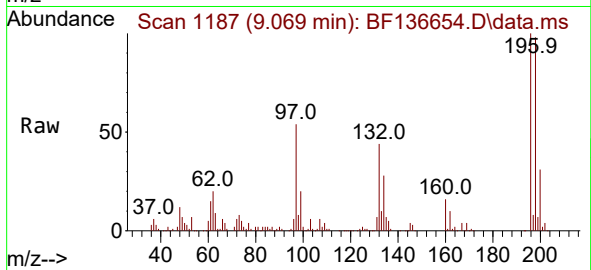
Tgt Ion:196 Resp: 158717

Ion Ratio Lower Upper

196 100

198 98.2 75.1 112.7

200 31.4 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 40.030 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.012 min

Lab File: BF136654.D

Acq: 20 Dec 2023 18:33

Tgt Ion:196 Resp: 173752

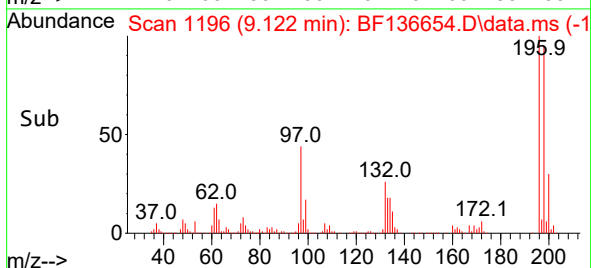
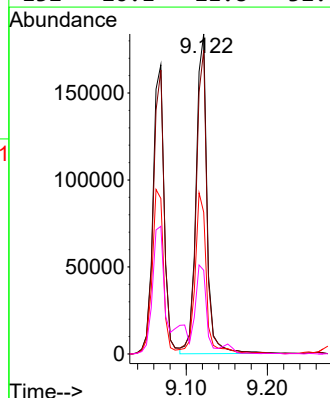
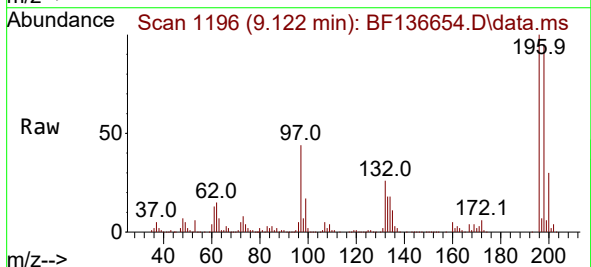
Ion Ratio Lower Upper

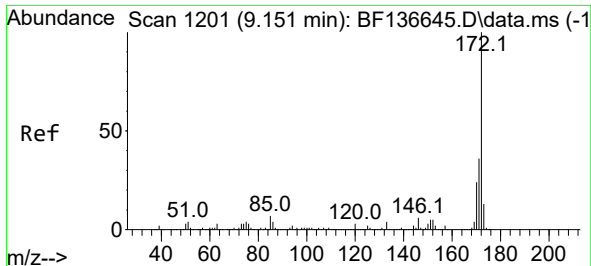
196 100

198 95.0 77.0 115.6

97 44.2 36.1 54.1

132 26.1 21.8 32.6

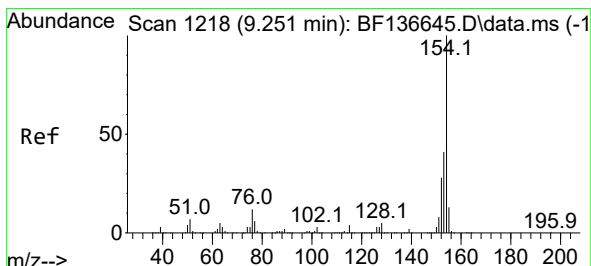
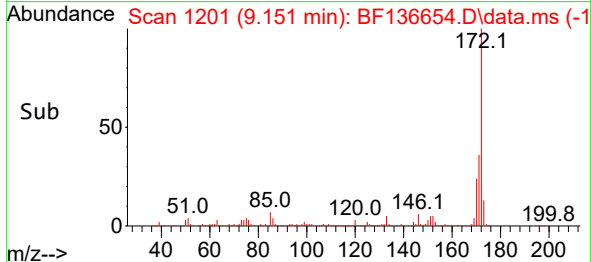
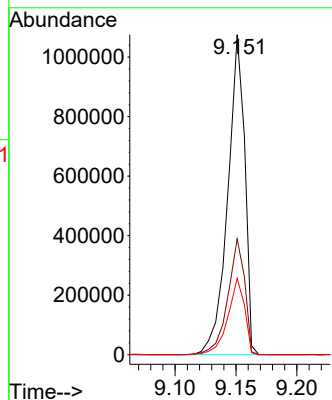
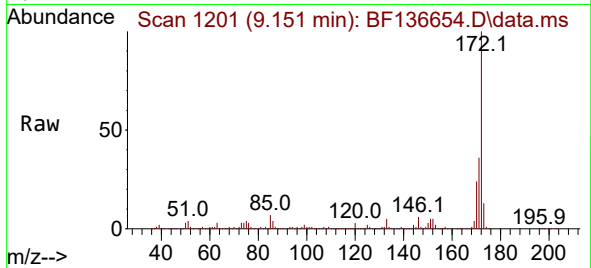




#45
2-Fluorobiphenyl
Concen: 71.713 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

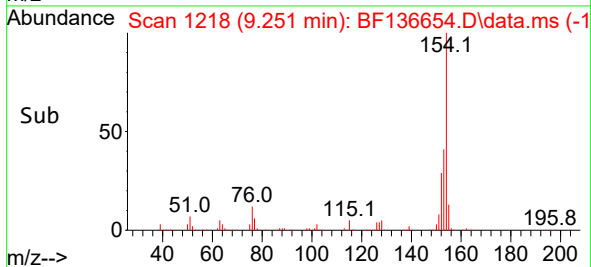
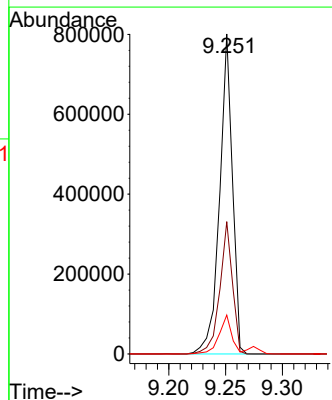
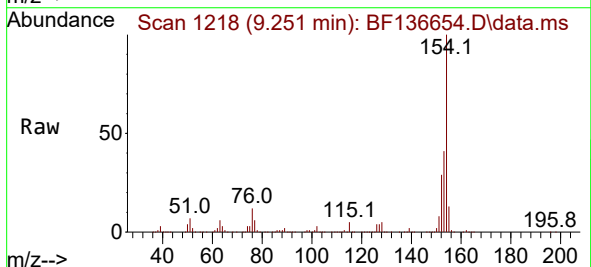
Instrument :
BNA_F
ClientSampleId :
PB157565BS

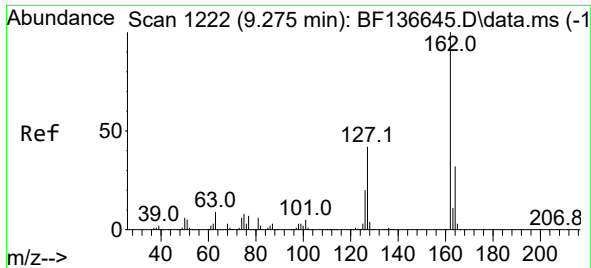
Tgt Ion:172 Resp: 1045655
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 23.8 19.0 28.4



#46
1,1'-Biphenyl
Concen: 38.291 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion:154 Resp: 630152
Ion Ratio Lower Upper
154 100
153 41.3 21.1 61.1
76 12.1 0.0 31.7

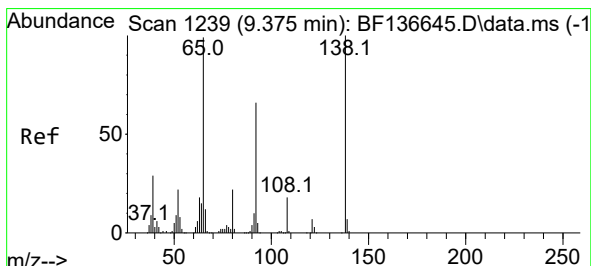
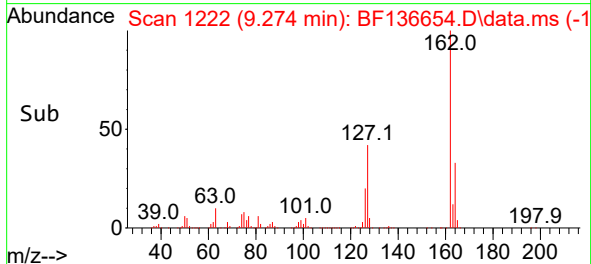
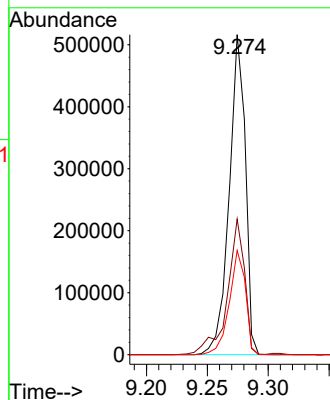
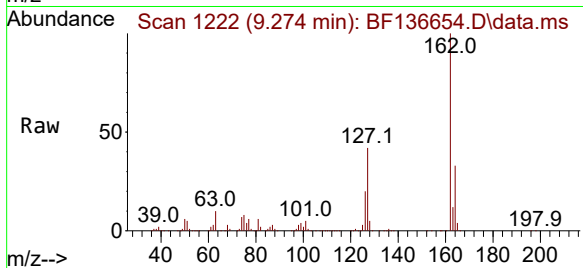




#47
2-Chloronaphthalene
Concen: 38.067 ng
RT: 9.274 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

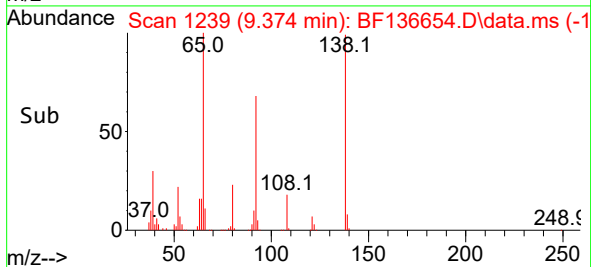
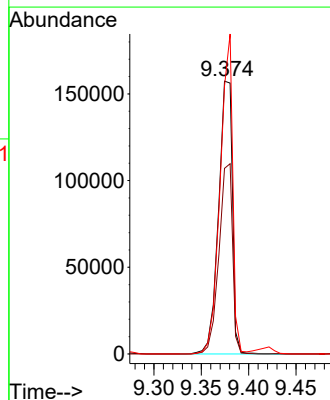
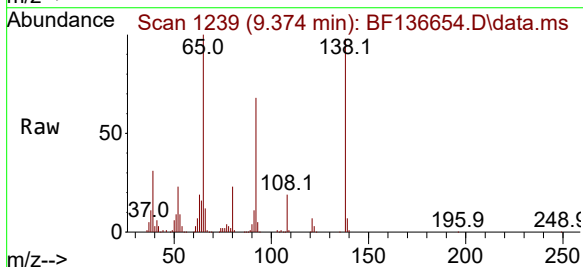
Instrument :
BNA_F
ClientSampleId :
PB157565BS

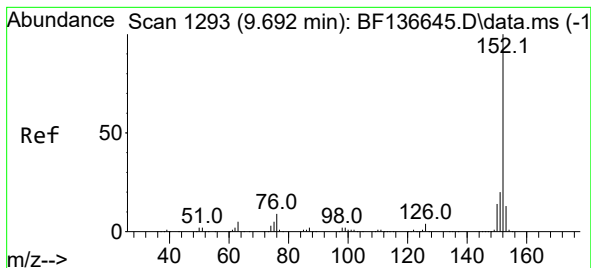
Tgt Ion:162 Resp: 476247
Ion Ratio Lower Upper
162 100
127 42.4 33.6 50.4
164 32.6 25.7 38.5



#48
2-Nitroaniline
Concen: 40.854 ng
RT: 9.374 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion: 65 Resp: 160054
Ion Ratio Lower Upper
65 100
92 68.1 53.2 79.8
138 98.2 81.1 121.7





#49

Acenaphthylene

Concen: 40.611 ng

RT: 9.692 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BF136654.D

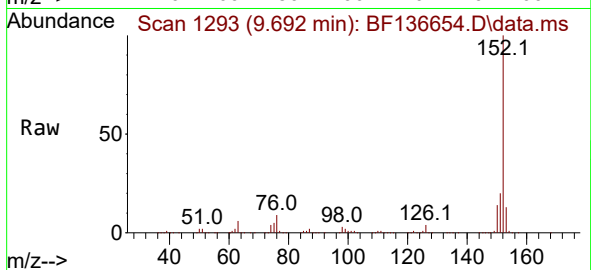
Acq: 20 Dec 2023 18:33

Instrument :

BNA_F

ClientSampleId :

PB157565BS



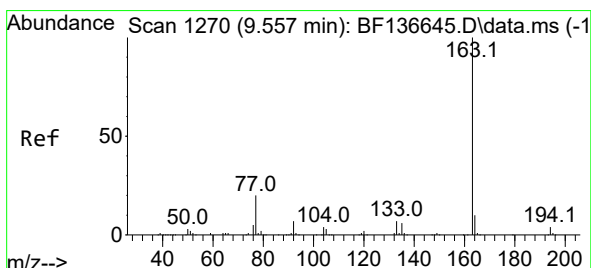
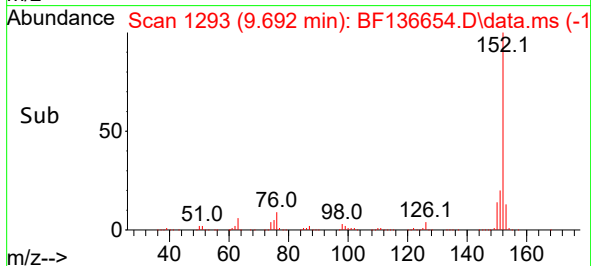
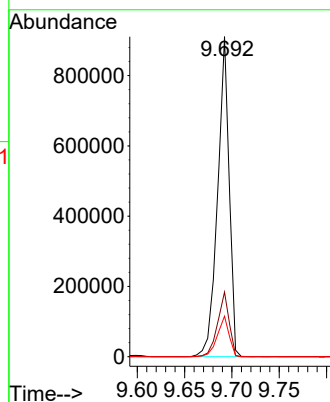
Tgt Ion:152 Resp: 776581

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 12.6 10.2 15.2



#50

Dimethylphthalate

Concen: 39.624 ng

RT: 9.557 min Scan# 1270

Delta R.T. -0.000 min

Lab File: BF136654.D

Acq: 20 Dec 2023 18:33

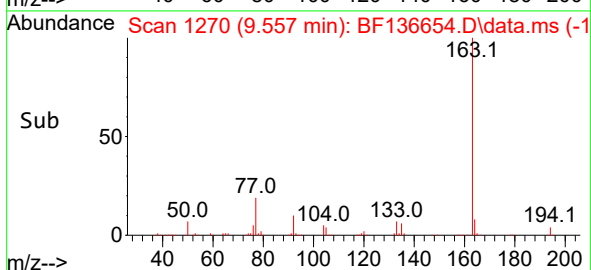
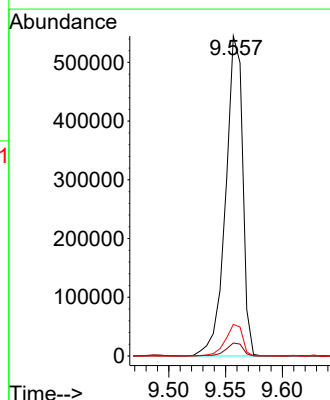
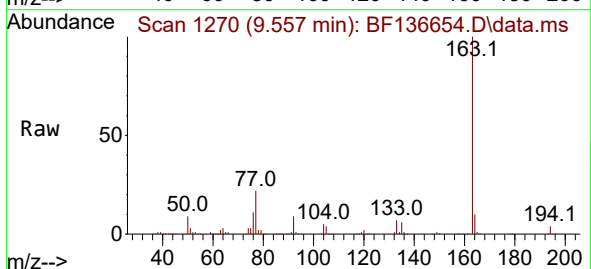
Tgt Ion:163 Resp: 567591

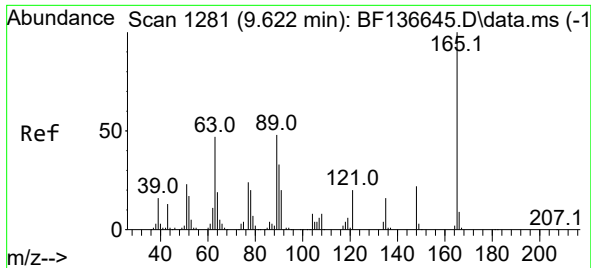
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.9 7.8 11.6

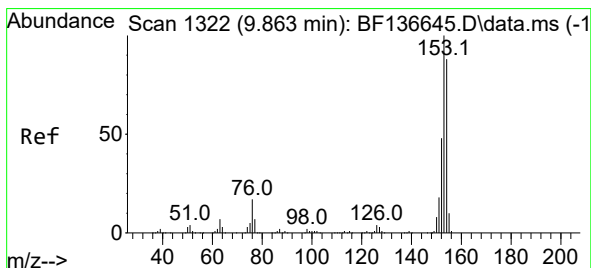
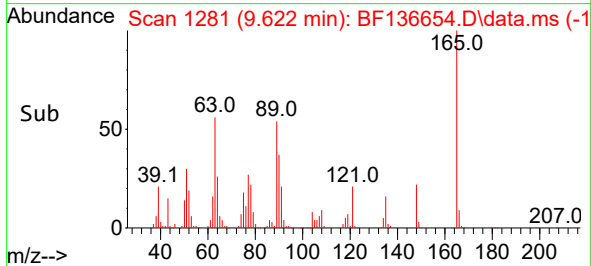
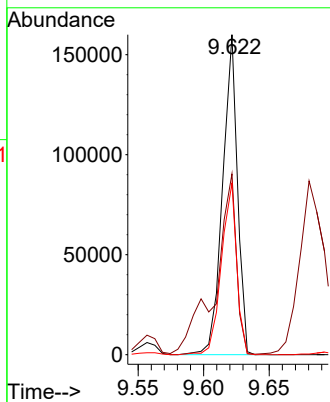
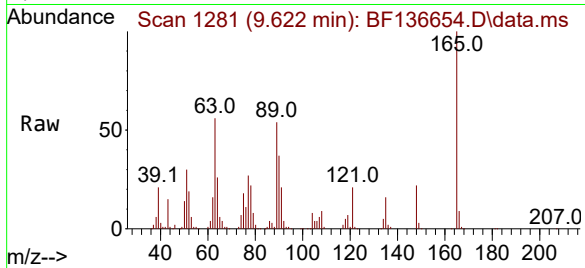




#51
2,6-Dinitrotoluene
Concen: 38.804 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

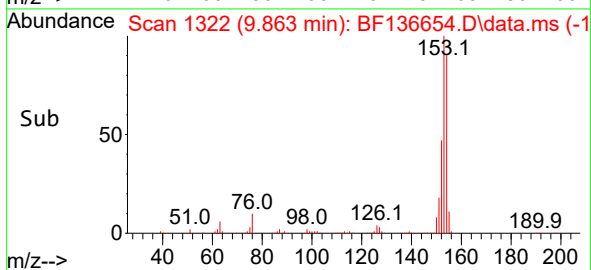
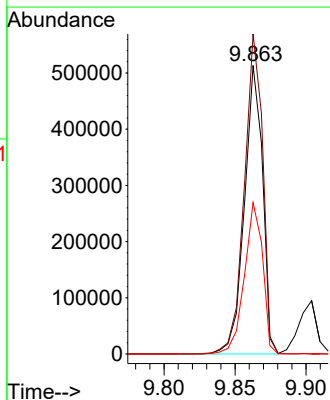
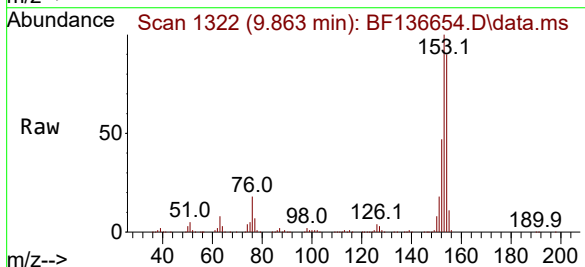
Instrument :
BNA_F
ClientSampleId :
PB157565BS

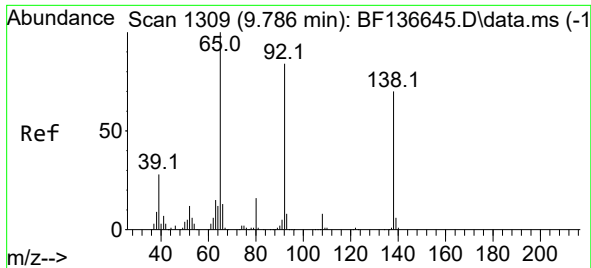
Tgt Ion:165 Resp: 126152
Ion Ratio Lower Upper
165 100
63 56.5 39.8 59.6
89 53.6 38.8 58.2



#52
Acenaphthene
Concen: 38.494 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion:154 Resp: 456296
Ion Ratio Lower Upper
154 100
153 110.9 90.7 136.1
152 52.5 43.7 65.5

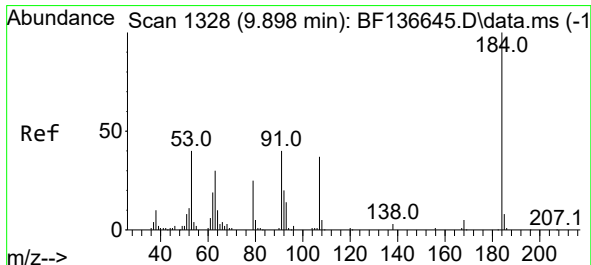
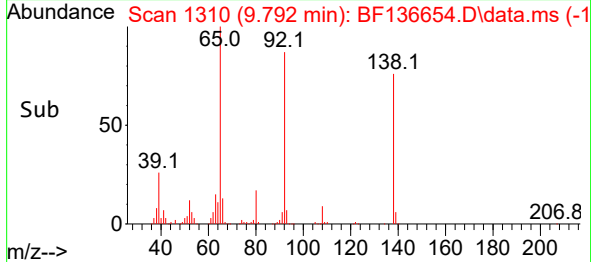
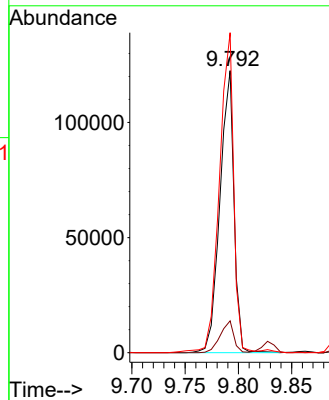
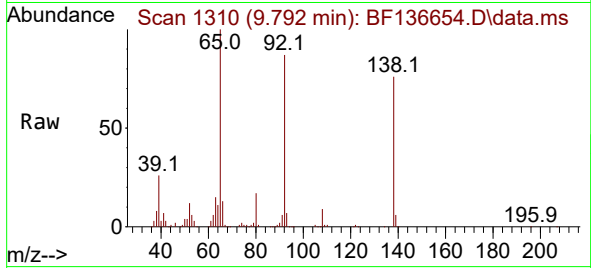




#53
3-Nitroaniline
Concen: 32.568 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

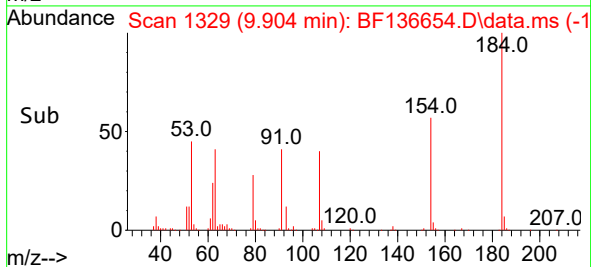
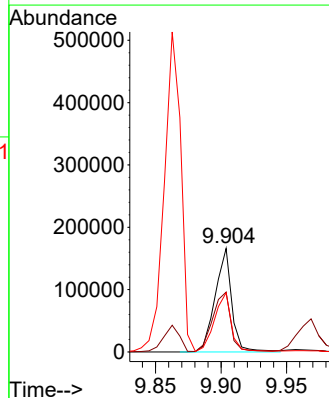
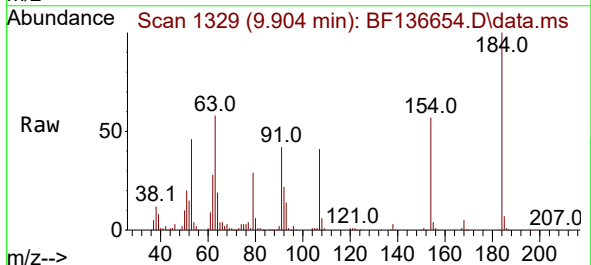
Instrument :
BNA_F
ClientSampleId :
PB157565BS

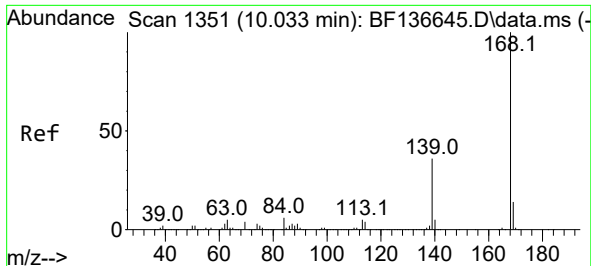
Tgt Ion:138 Resp: 112158
Ion Ratio Lower Upper
138 100
108 11.3 8.6 12.8
92 113.5 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 81.375 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion:184 Resp: 146739
Ion Ratio Lower Upper
184 100
63 57.9 40.9 61.3
154 57.2 42.7 64.1

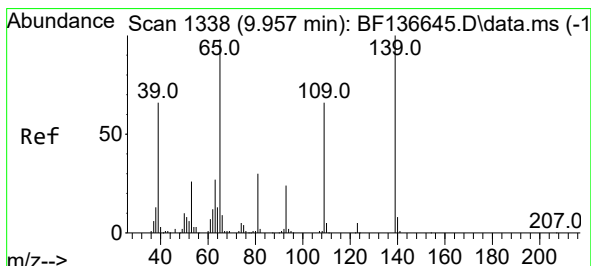
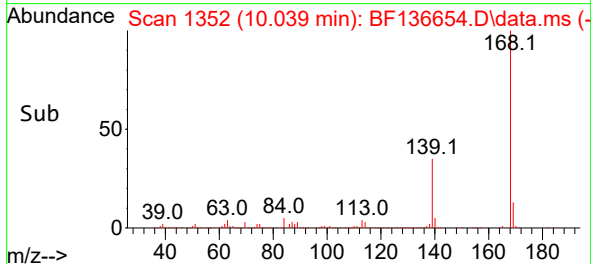
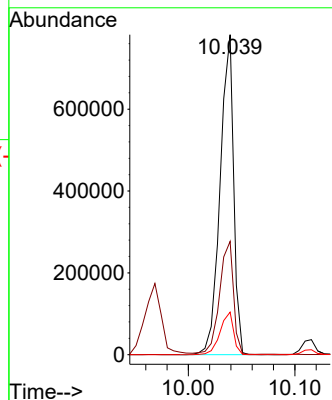
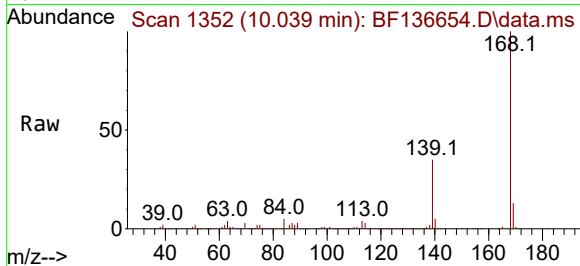




#55
Dibenzenofuran
Concen: 38.187 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

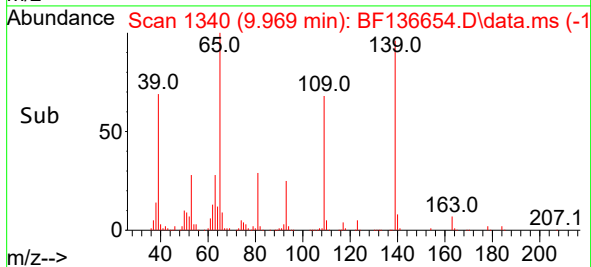
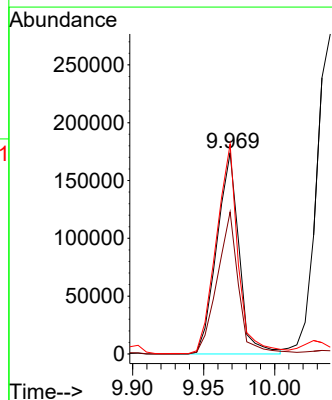
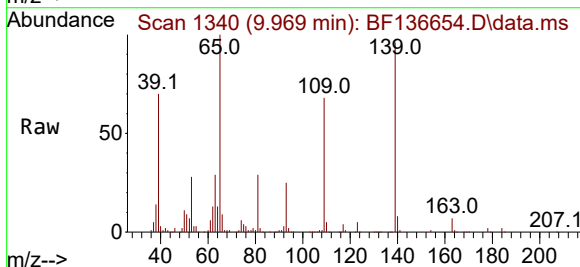
Instrument :
BNA_F
ClientSampleId :
PB157565BS

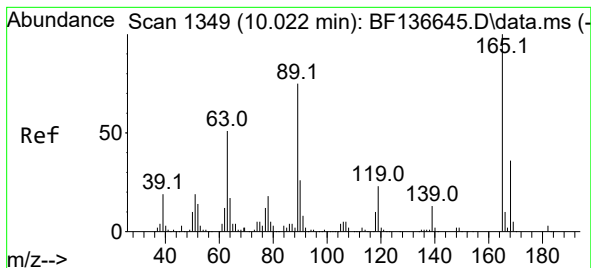
Tgt Ion:168 Resp: 686170
Ion Ratio Lower Upper
168 100
139 35.4 29.3 43.9
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 81.507 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion:139 Resp: 189486
Ion Ratio Lower Upper
139 100
109 70.6 45.8 85.8
65 104.4 77.8 117.8

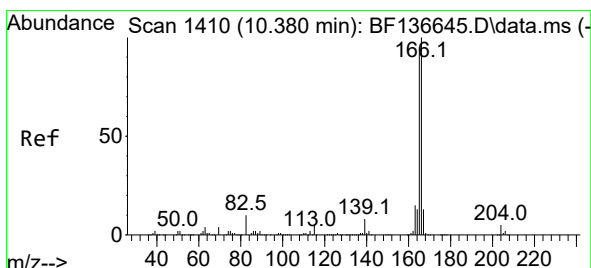
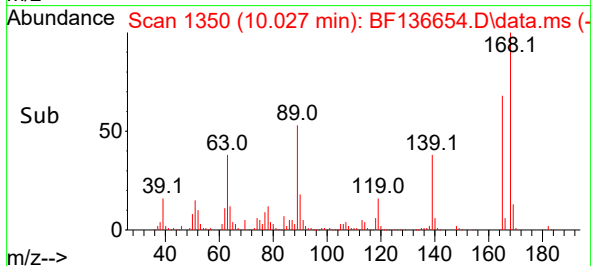
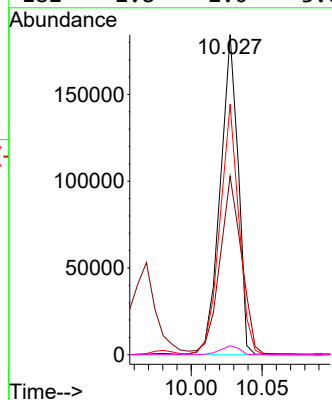
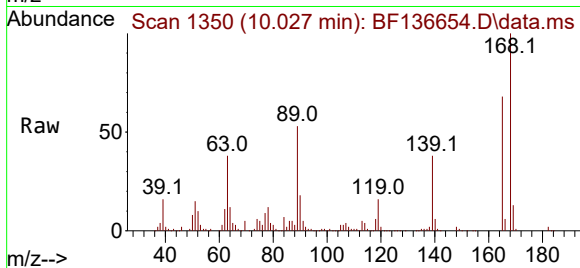




#57
2,4-Dinitrotoluene
Concen: 38.229 ng
RT: 10.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

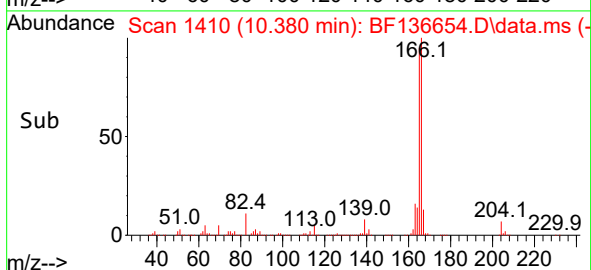
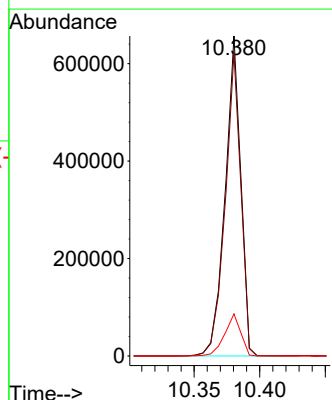
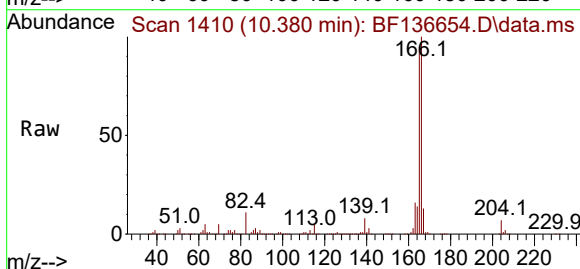
Instrument :
BNA_F
ClientSampleId :
PB157565BS

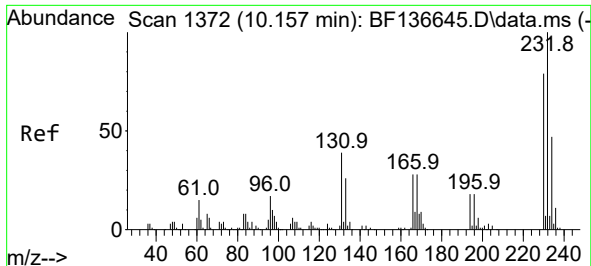
Tgt Ion:165 Resp: 161340
Ion Ratio Lower Upper
165 100
63 55.8 41.0 61.6
89 78.2 59.9 89.9
182 2.8 2.0 3.0



#58
Fluorene
Concen: 38.216 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion:166 Resp: 544867
Ion Ratio Lower Upper
166 100
165 94.7 73.7 110.5
167 13.1 10.4 15.6

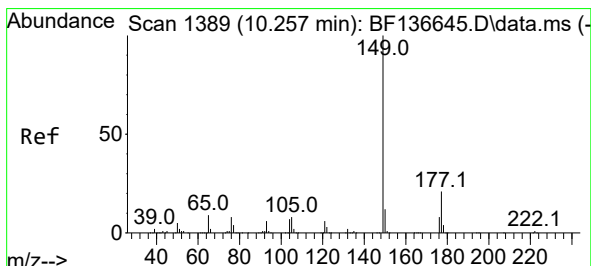
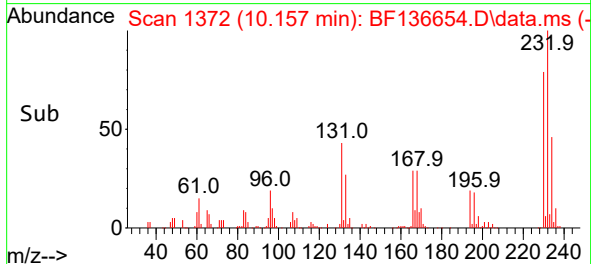
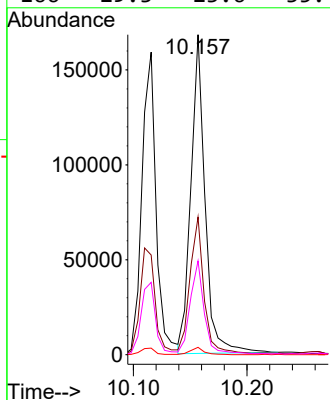
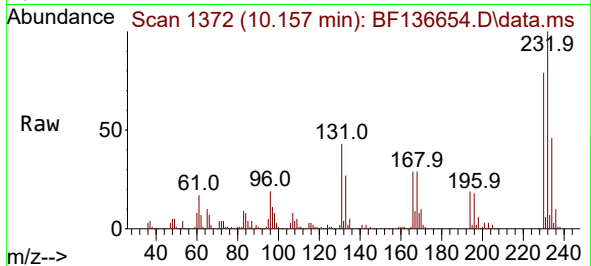




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.631 ng
RT: 10.157 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

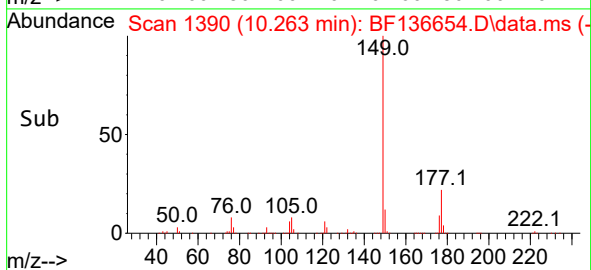
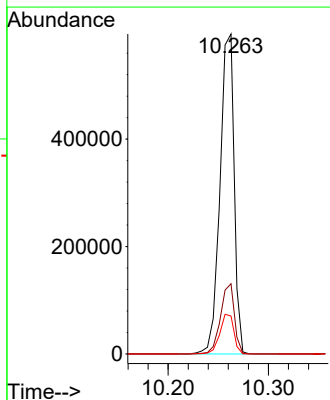
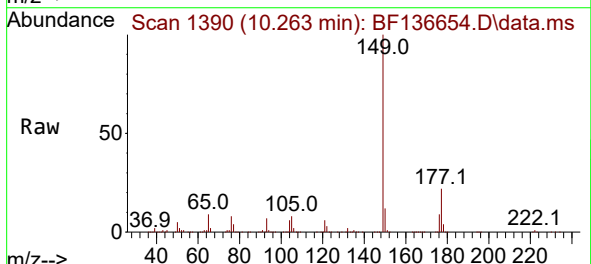
Instrument :
BNA_F
ClientSampleId :
PB157565BS

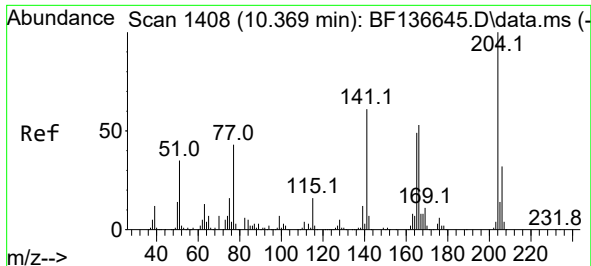
Tgt Ion:232 Resp: 145780
Ion Ratio Lower Upper
232 100
131 43.5 35.1 52.7
130 2.2 1.6 2.4
166 29.3 23.6 35.4



#60
Diethylphthalate
Concen: 39.261 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion:149 Resp: 583519
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 11.9 9.3 13.9

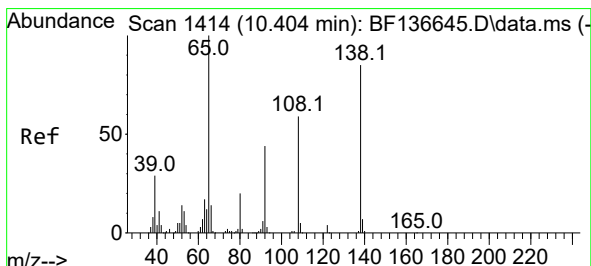
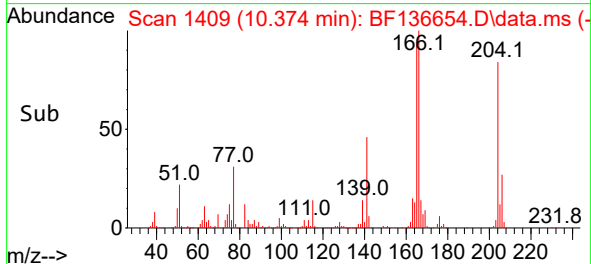
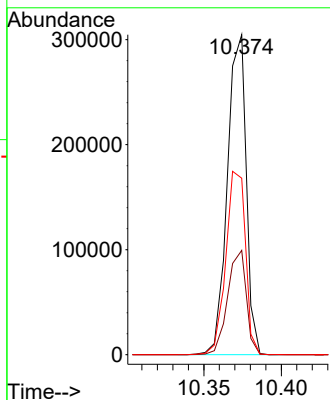
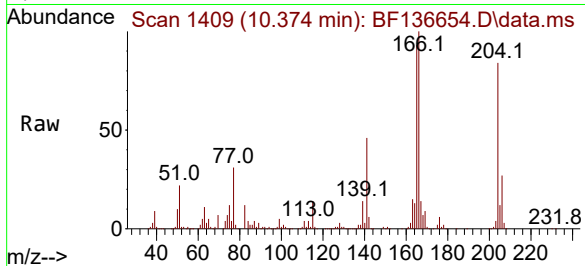




#61
4-Chlorophenyl-phenylether
Concen: 37.216 ng
RT: 10.374 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

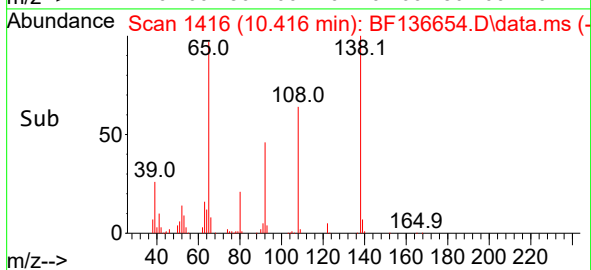
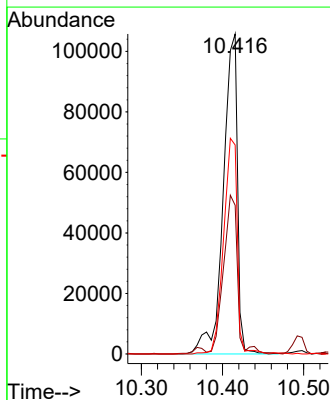
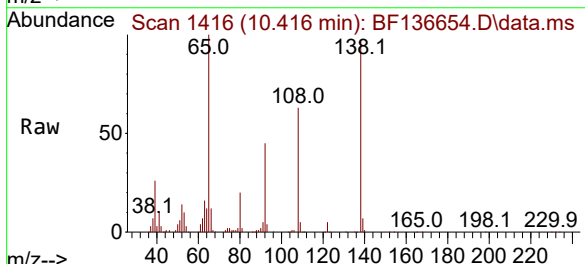
Instrument :
BNA_F
ClientSampleId :
PB157565BS

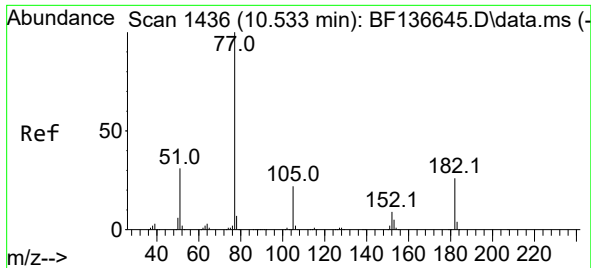
Tgt Ion:204 Resp: 257909
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 55.2 48.4 72.6



#62
4-Nitroaniline
Concen: 38.898 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion:138 Resp: 129138
Ion Ratio Lower Upper
138 100
92 46.5 32.1 72.1
108 65.3 50.1 90.1

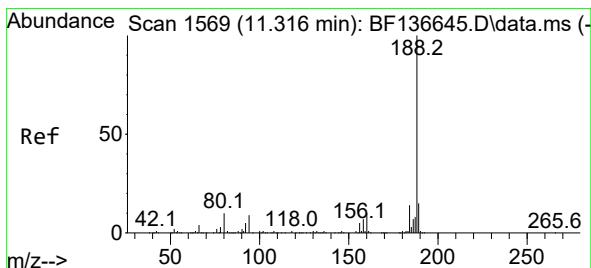
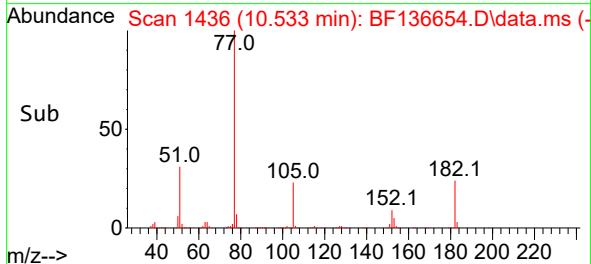
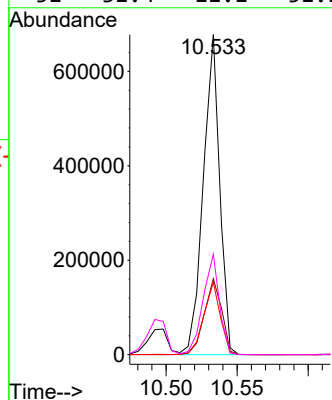
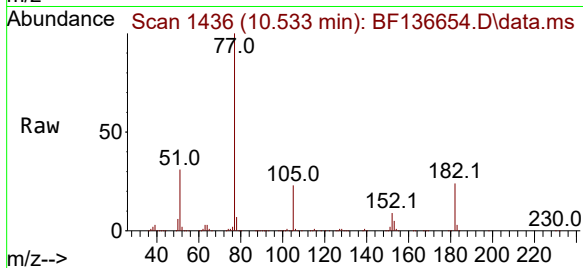




#63
Azobenzene
Concen: 39.262 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

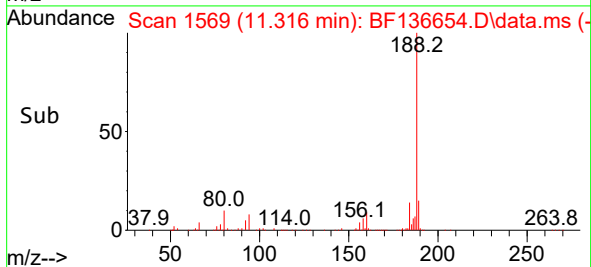
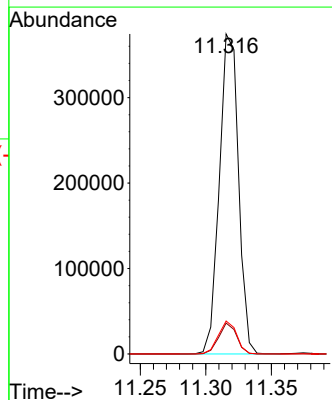
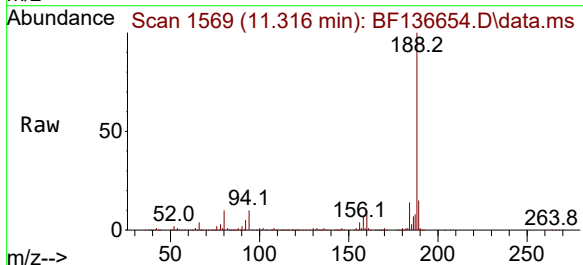
Instrument :
BNA_F
ClientSampleId :
PB157565BS

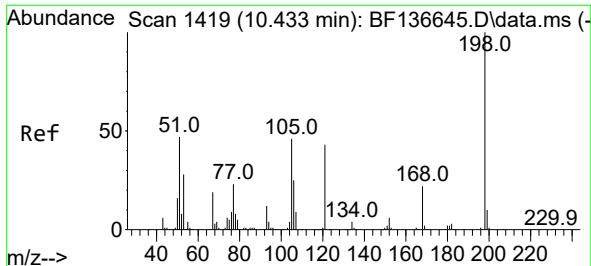
Tgt Ion: 77	Resp: 545030
Ion Ratio	Lower Upper
77 100	
182 23.7	6.0 46.0
105 22.6	2.3 42.3
51 31.4	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion:188	Resp: 379679
Ion Ratio	Lower Upper
188 100	
94 9.6	7.5 11.3
80 10.3	8.1 12.1

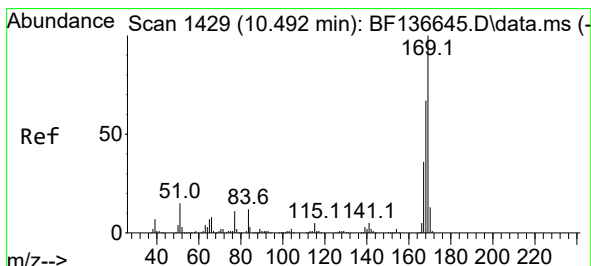
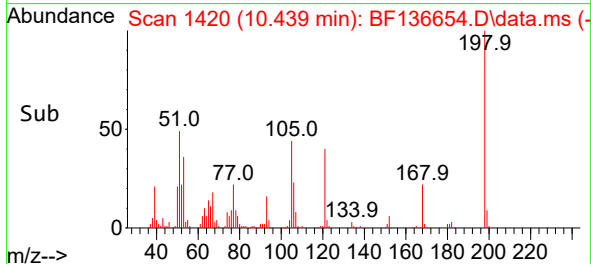
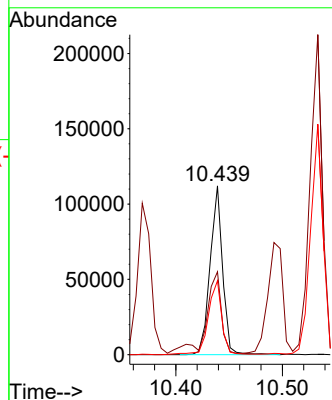
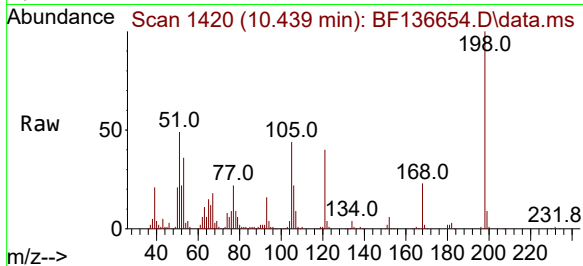




#65
4,6-Dinitro-2-methylphenol
Concen: 42.055 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

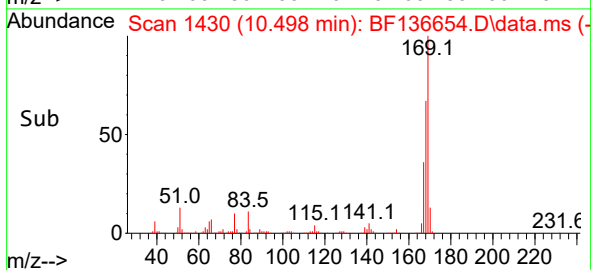
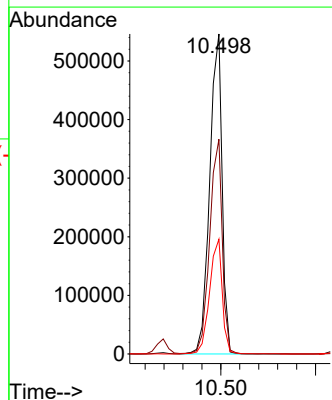
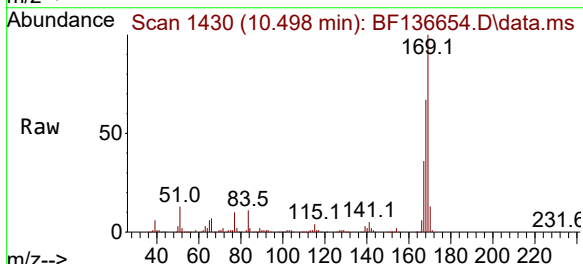
Instrument :
BNA_F
ClientSampleId :
PB157565BS

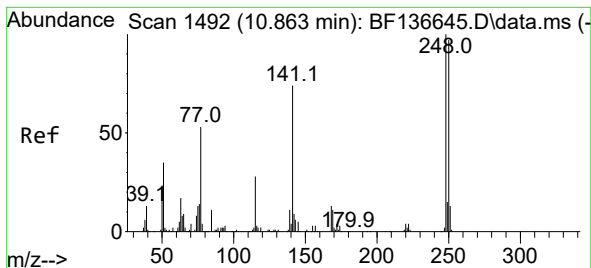
Tgt Ion:198 Resp: 91509
Ion Ratio Lower Upper
198 100
51 49.1 34.1 74.1
105 43.8 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 40.037 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion:169 Resp: 493811
Ion Ratio Lower Upper
169 100
168 67.1 53.8 80.6
167 35.9 28.7 43.1

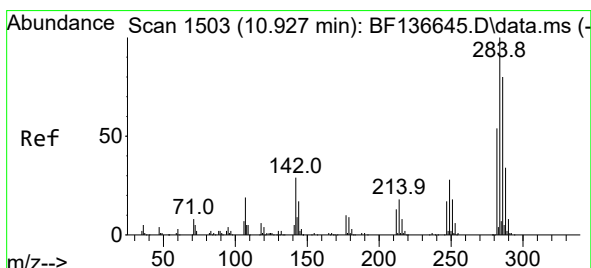
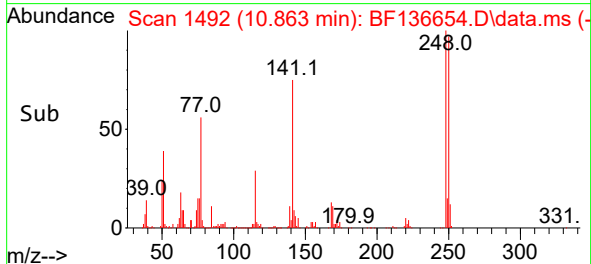
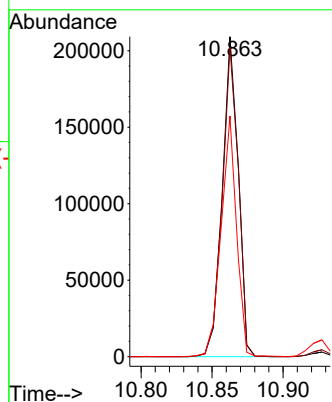
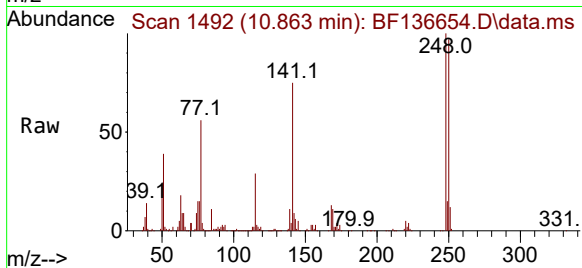




#67
4-Bromophenyl-phenylether
Concen: 38.682 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

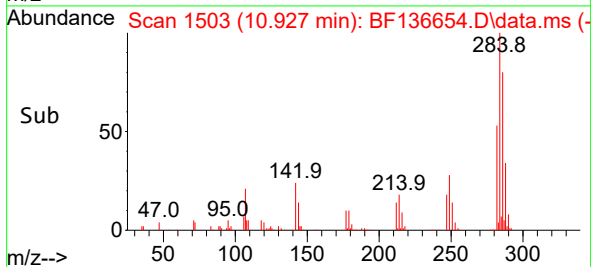
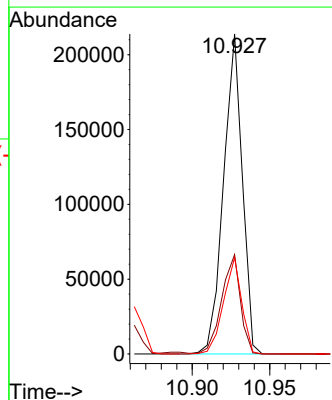
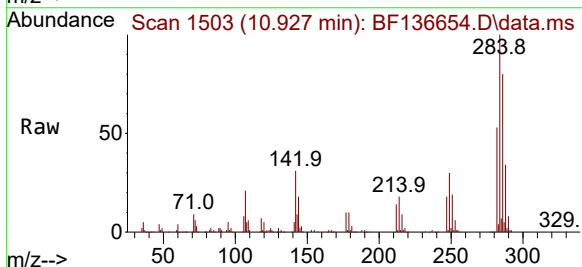
Instrument :
BNA_F
ClientSampleId :
PB157565BS

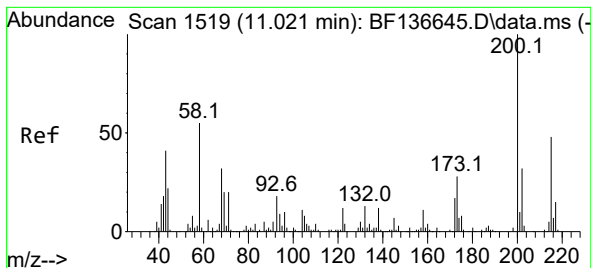
Tgt Ion:248 Resp: 163108
Ion Ratio Lower Upper
248 100
250 96.6 77.8 116.6
141 75.2 59.2 88.8



#68
Hexachlorobenzene
Concen: 38.162 ng
RT: 10.927 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion:284 Resp: 179324
Ion Ratio Lower Upper
284 100
142 31.0 23.4 35.0
249 30.1 22.3 33.5





#69

Atrazine

Concen: 39.709 ng

RT: 11.027 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136654.D

Acq: 20 Dec 2023 18:33

Instrument :

BNA_F

ClientSampleId :

PB157565BS

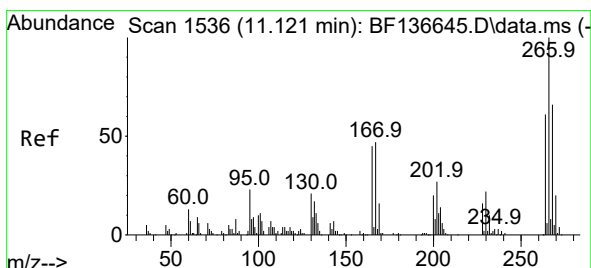
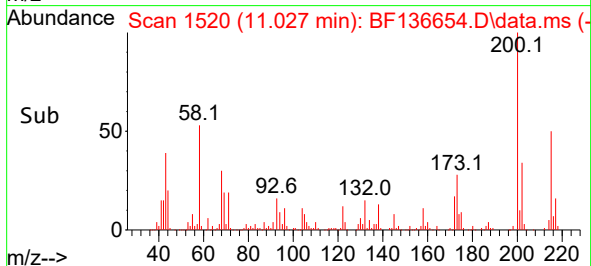
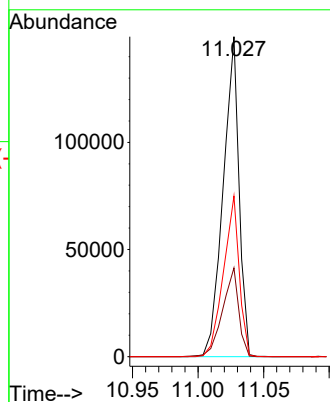
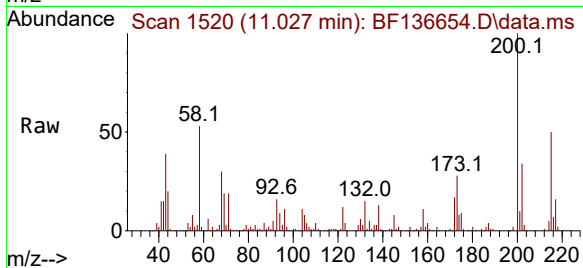
Tgt Ion:200 Resp: 125267

Ion Ratio Lower Upper

200 100

173 27.8 7.6 47.6

215 50.2 28.3 68.3



#70

Pentachlorophenol

Concen: 71.883 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF136654.D

Acq: 20 Dec 2023 18:33

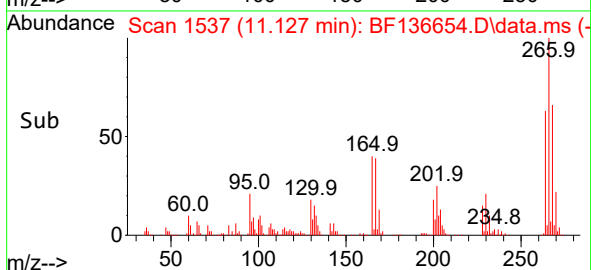
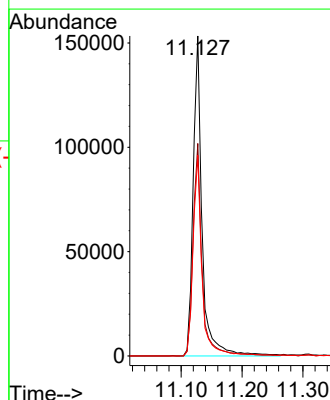
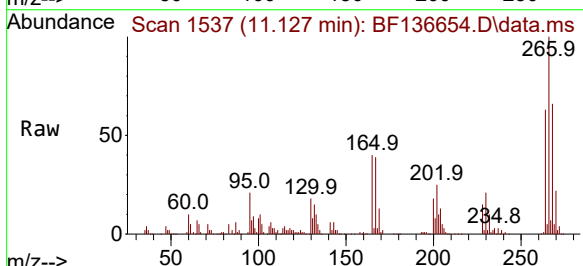
Tgt Ion:266 Resp: 157445

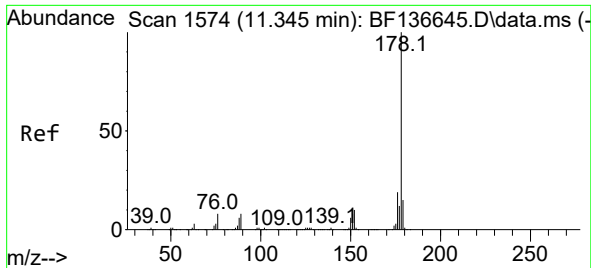
Ion Ratio Lower Upper

266 100

268 66.4 52.6 78.8

264 62.7 49.0 73.4

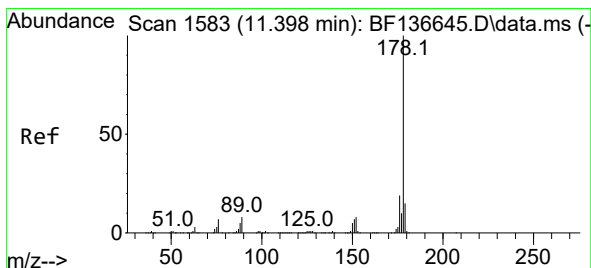
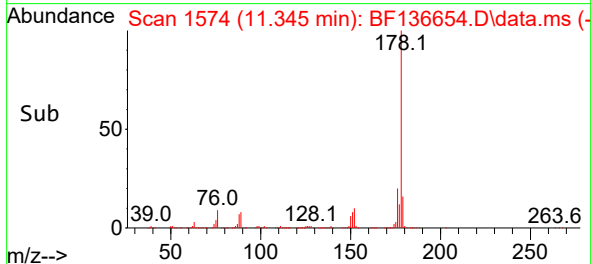
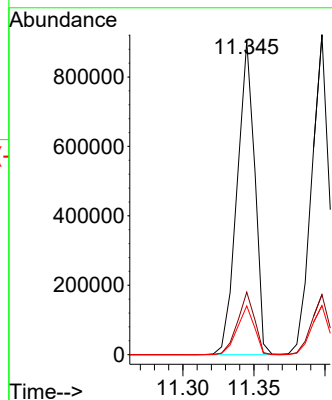
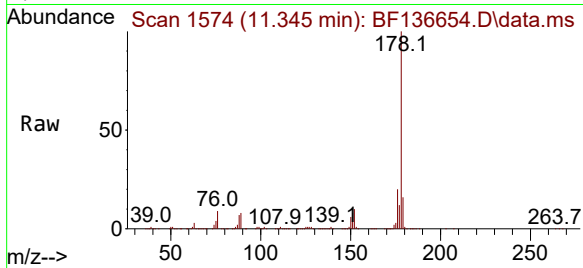




#71
Phenanthrene
Concen: 40.134 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

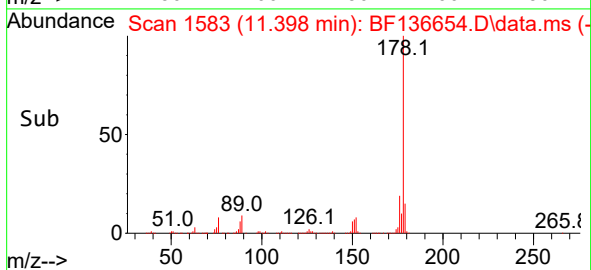
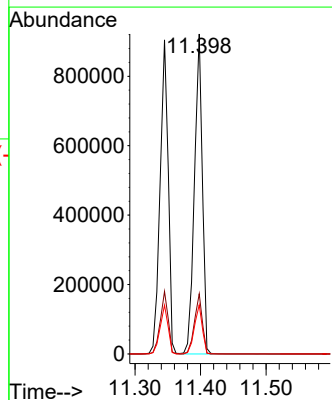
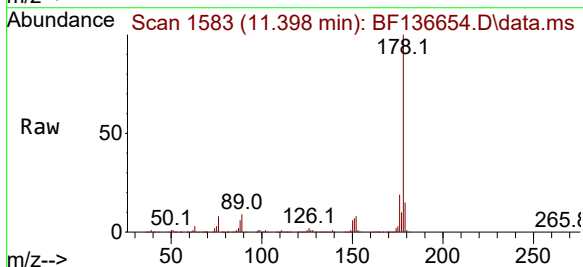
Instrument :
BNA_F
ClientSampleId :
PB157565BS

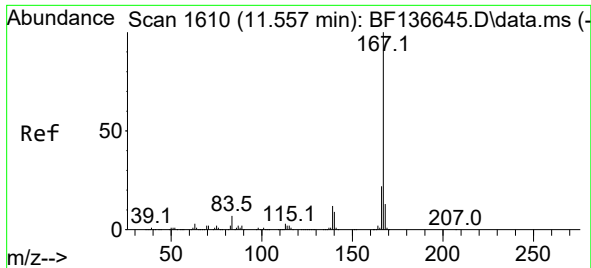
Tgt Ion:178 Resp: 781882
Ion Ratio Lower Upper
178 100
176 19.9 15.3 22.9
179 15.5 11.9 17.9



#72
Anthracene
Concen: 39.371 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion:178 Resp: 776767
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.3 11.8 17.6



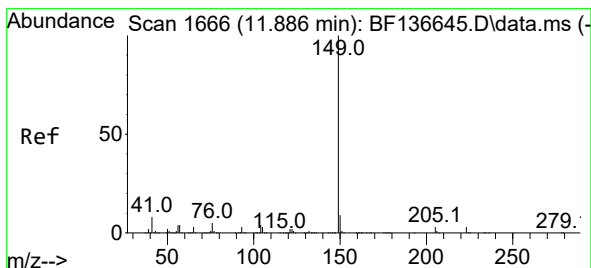
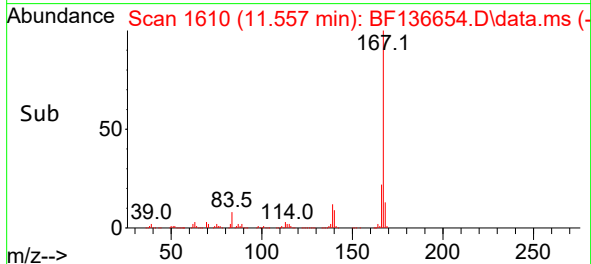
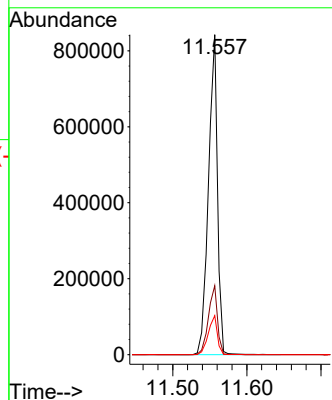
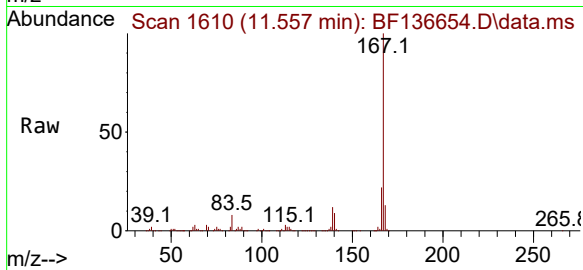


#73
 Carbazole
 Concen: 38.373 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. -0.000 min
 Lab File: BF136654.D
 Acq: 20 Dec 2023 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB157565BS

Tgt Ion:167 Resp: 713796

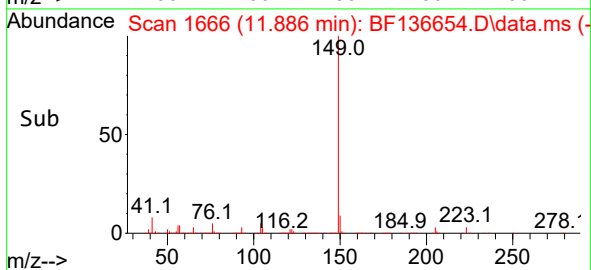
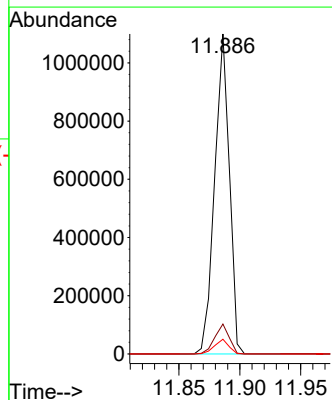
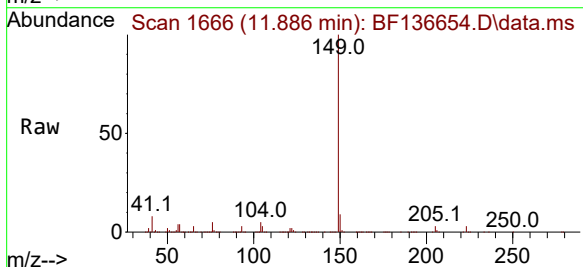
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.3	25.9
139	12.2	9.8	14.6

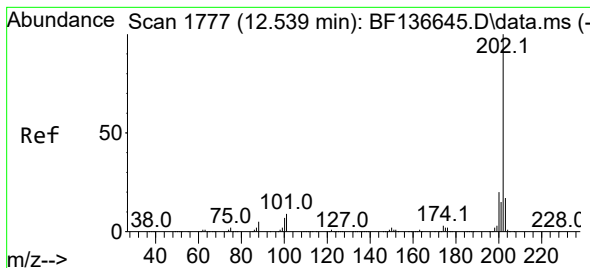


#74
 Di-n-butylphthalate
 Concen: 40.536 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. -0.000 min
 Lab File: BF136654.D
 Acq: 20 Dec 2023 18:33

Tgt Ion:149 Resp: 920094

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.6	3.6	5.4





#75

Fluoranthene

Concen: 38.503 ng

RT: 12.539 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136654.D

Acq: 20 Dec 2023 18:33

Instrument :

BNA_F

ClientSampleId :

PB157565BS

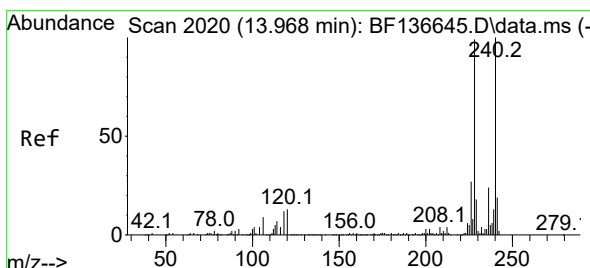
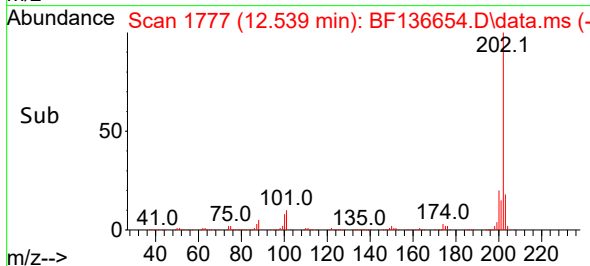
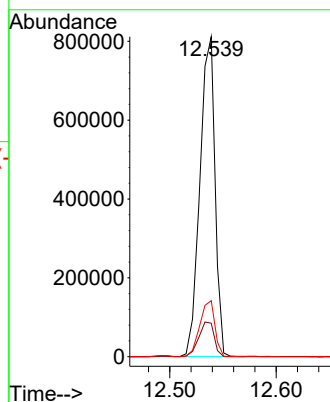
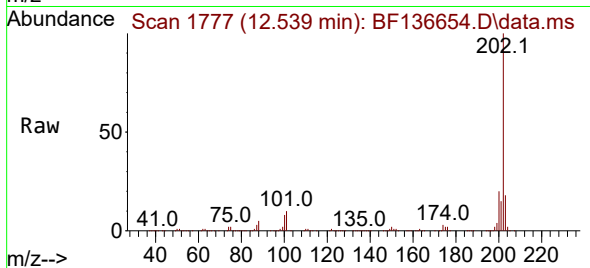
Tgt Ion:202 Resp: 802353

Ion Ratio Lower Upper

202 100

101 10.5 0.0 29.3

203 17.5 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: BF136654.D

Acq: 20 Dec 2023 18:33

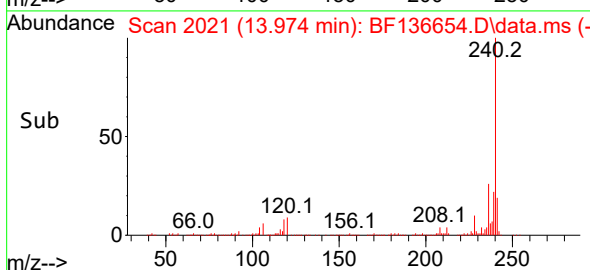
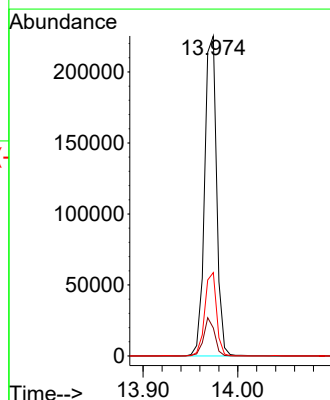
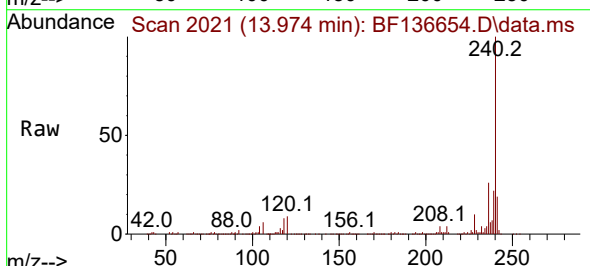
Tgt Ion:240 Resp: 198863

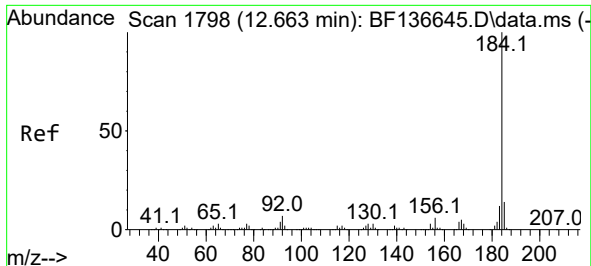
Ion Ratio Lower Upper

240 100

120 8.8 10.3 15.5#

236 26.1 19.4 29.2

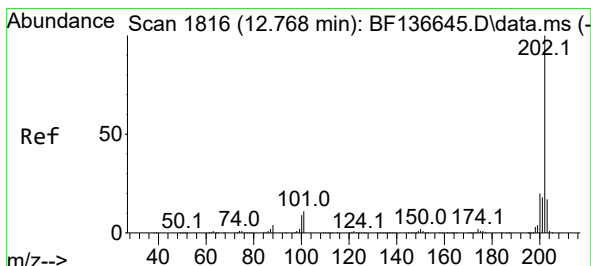
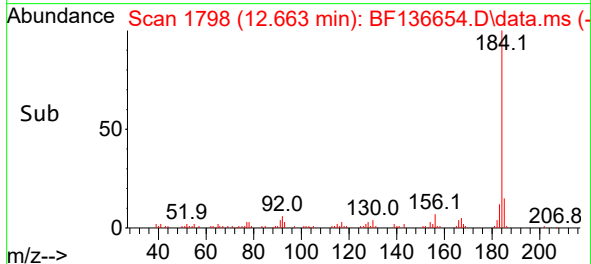
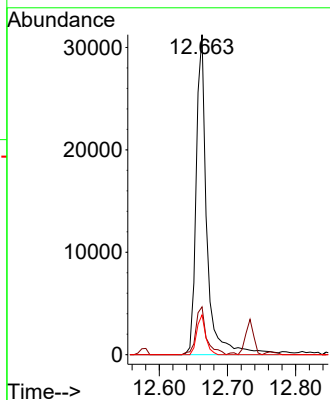
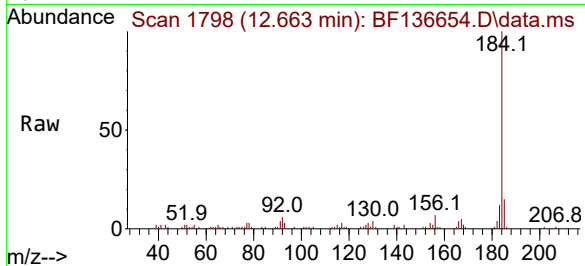




#77
Benzidine
Concen: 5.779 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

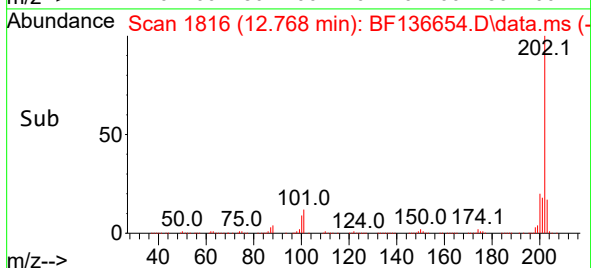
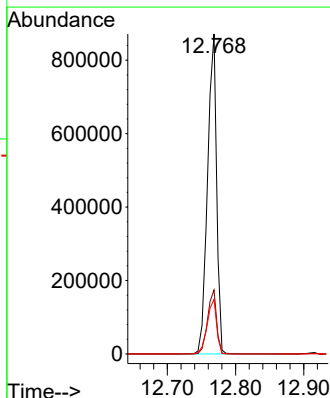
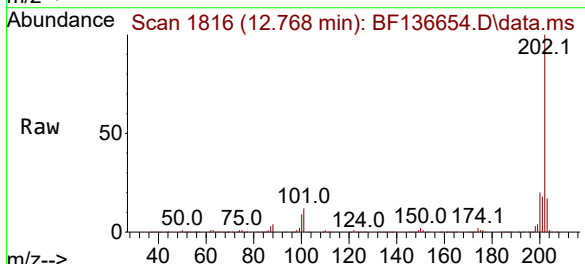
Instrument :
BNA_F
ClientSampleId :
PB157565BS

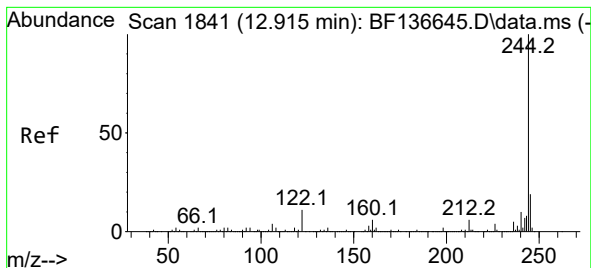
Tgt Ion:184 Resp: 33883
Ion Ratio Lower Upper
184 100
185 15.0 11.2 16.8
183 12.5 9.3 13.9



#78
Pyrene
Concen: 41.354 ng
RT: 12.768 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion:202 Resp: 807310
Ion Ratio Lower Upper
202 100
200 20.0 15.9 23.9
203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 77.601 ng

RT: 12.915 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF136654.D

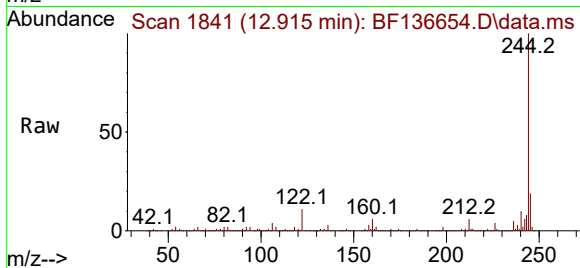
Acq: 20 Dec 2023 18:33

Instrument :

BNA_F

ClientSampleId :

PB157565BS



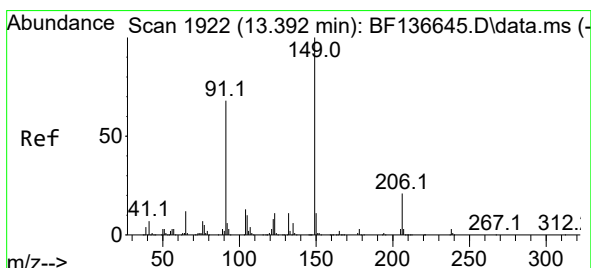
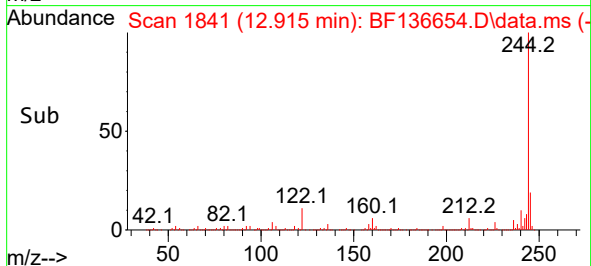
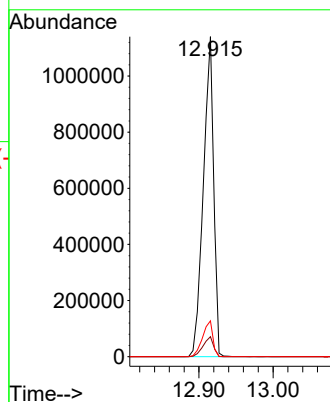
Tgt Ion:244 Resp: 1104280

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 11.2 9.0 13.4



#80

Butylbenzylphthalate

Concen: 44.629 ng

RT: 13.392 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BF136654.D

Acq: 20 Dec 2023 18:33

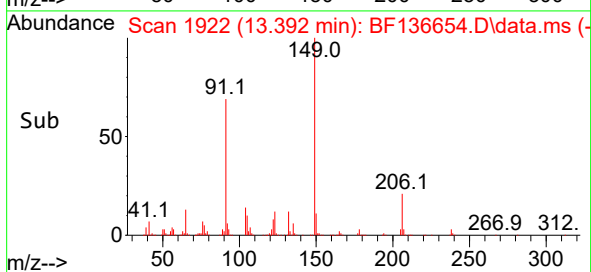
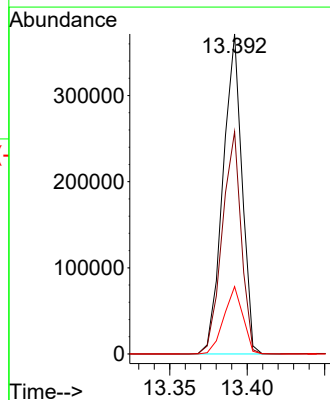
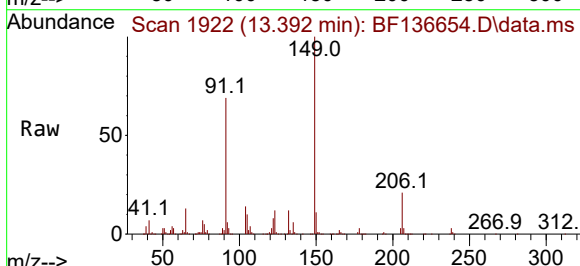
Tgt Ion:149 Resp: 317019

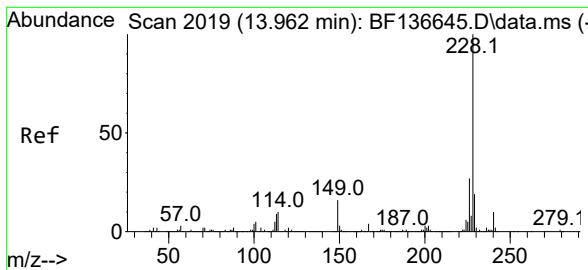
Ion Ratio Lower Upper

149 100

91 69.5 54.1 81.1

206 21.1 17.1 25.7

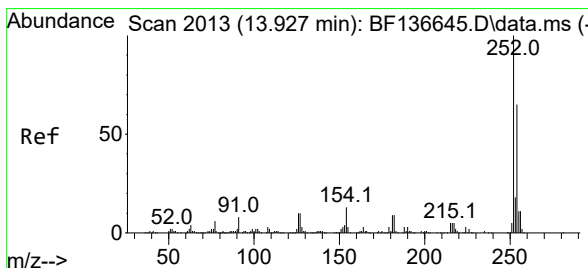
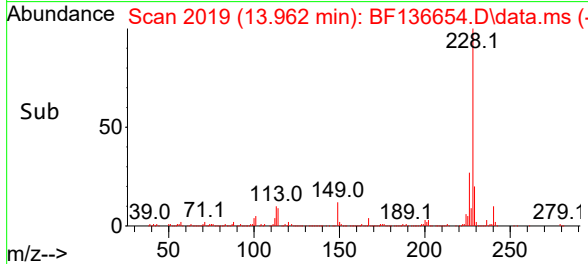
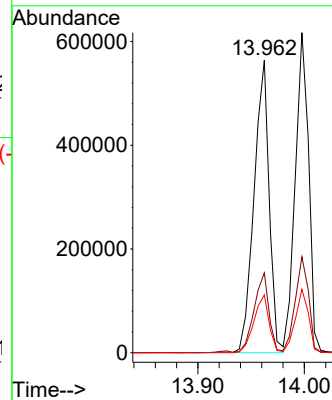
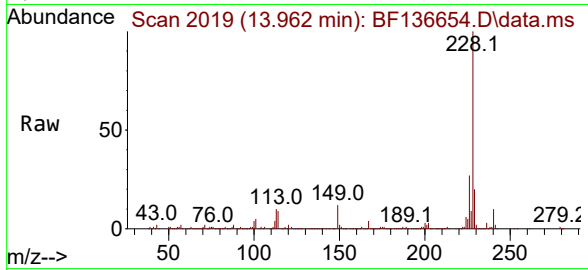




#81
Benzo(a)anthracene
Concen: 40.423 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

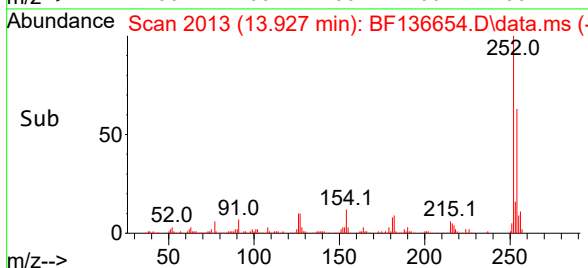
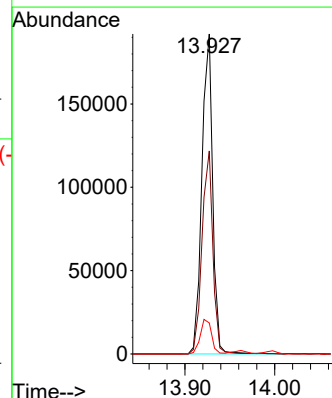
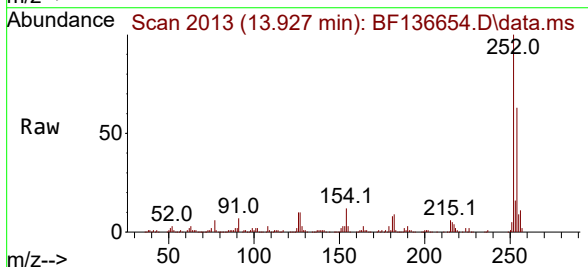
Instrument :
BNA_F
ClientSampleId :
PB157565BS

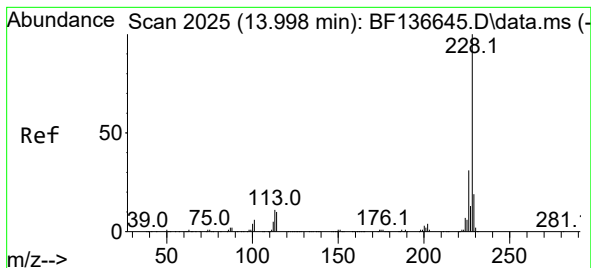
Tgt Ion:228 Resp: 558188
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.0
229 19.7 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 40.839 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion:252 Resp: 160153
Ion Ratio Lower Upper
252 100
254 63.5 52.2 78.4
126 9.7 8.0 12.0





#83

Chrysene

Concen: 40.205 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF136654.D

Acq: 20 Dec 2023 18:33

Instrument :

BNA_F

ClientSampleId :

PB157565BS

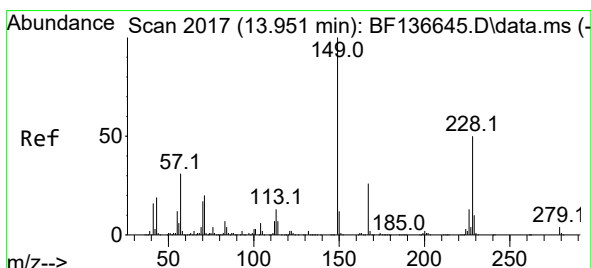
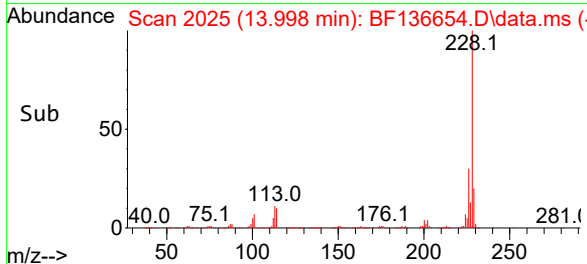
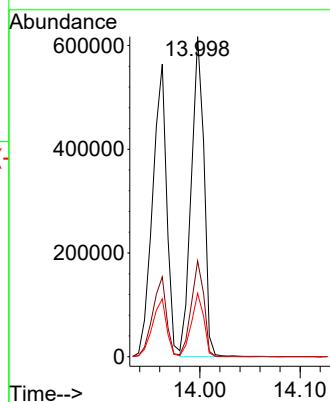
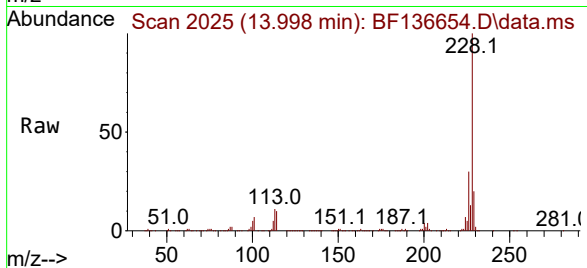
Tgt Ion:228 Resp: 542914

Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

229 19.8 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.532 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF136654.D

Acq: 20 Dec 2023 18:33

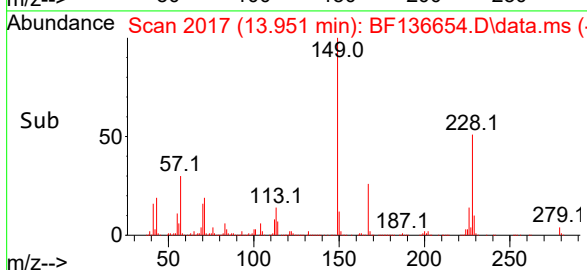
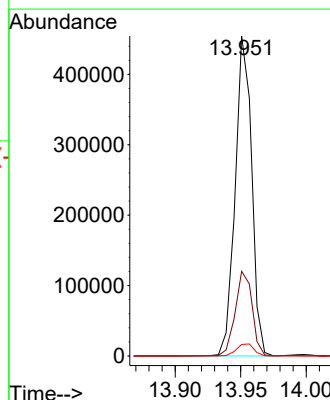
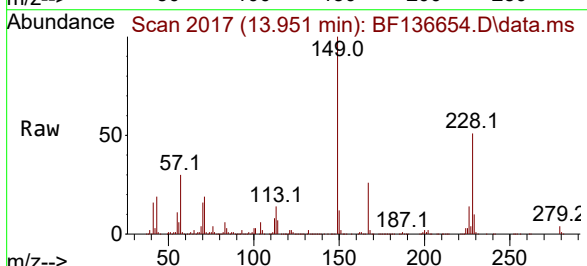
Tgt Ion:149 Resp: 397996

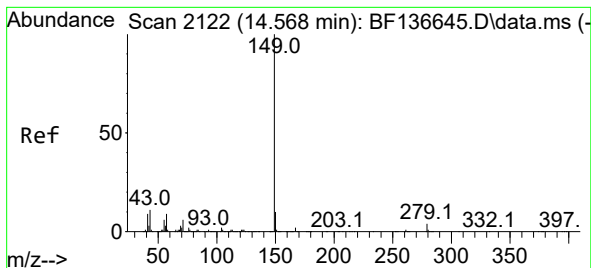
Ion Ratio Lower Upper

149 100

167 26.4 20.9 31.3

279 3.6 2.9 4.3

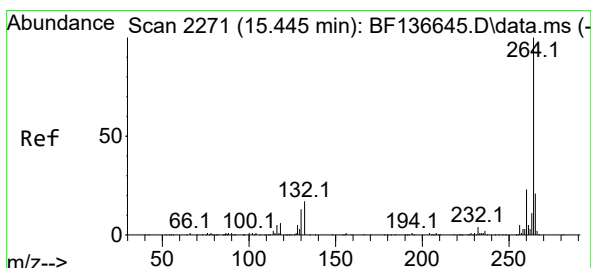
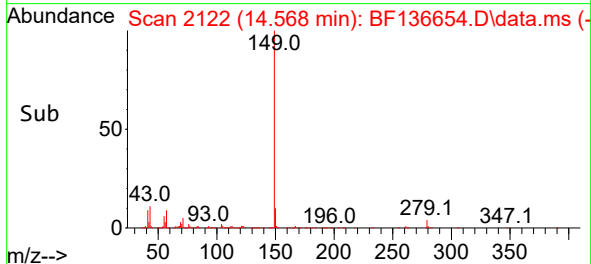
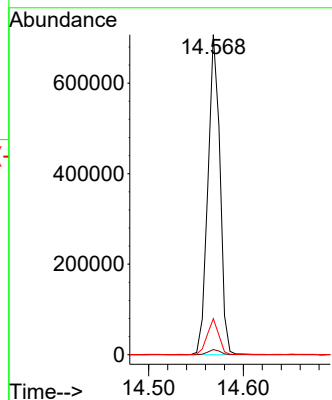
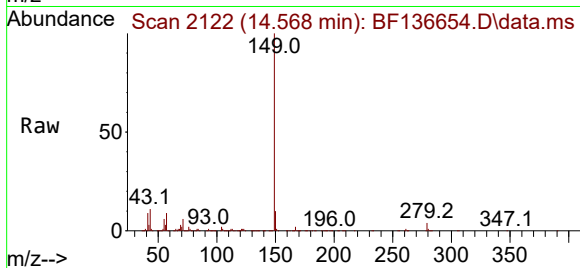




#85
Di-n-octyl phthalate
Concen: 45.088 ng
RT: 14.568 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

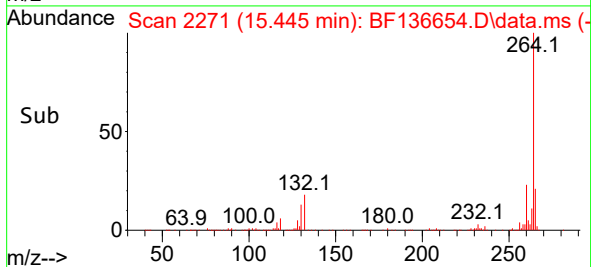
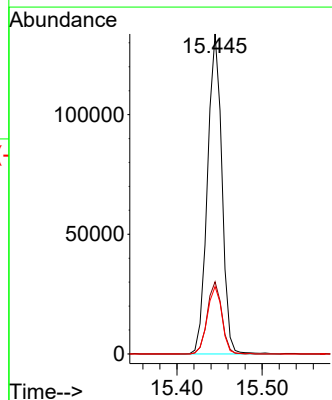
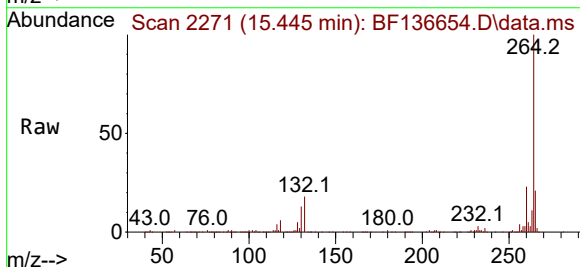
Instrument :
BNA_F
ClientSampleId :
PB157565BS

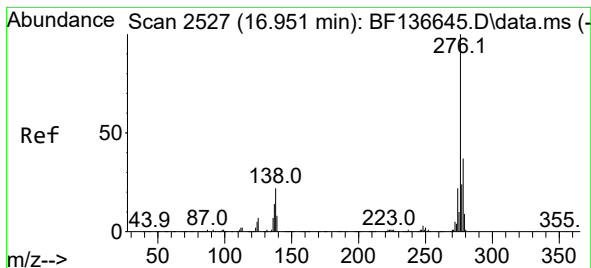
Tgt Ion:149 Resp: 623334
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.8 8.9 13.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion:264 Resp: 157102
Ion Ratio Lower Upper
264 100
260 22.6 18.3 27.5
265 21.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.821 ng

RT: 16.950 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF136654.D

Acq: 20 Dec 2023 18:33

Instrument :

BNA_F

ClientSampleId :

PB157565BS

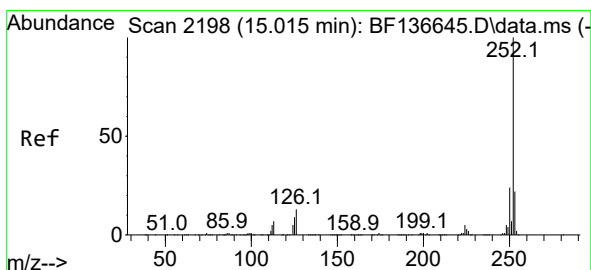
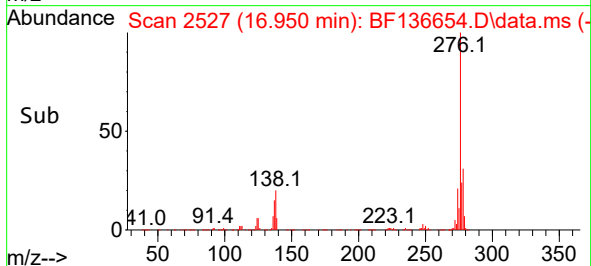
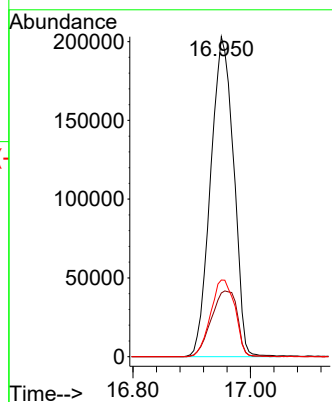
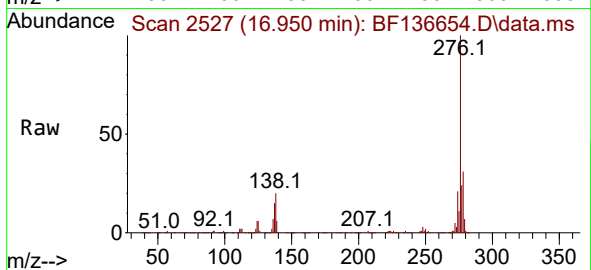
Tgt Ion:276 Resp: 553775

Ion Ratio Lower Upper

276 100

138 23.2 18.7 28.1

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.772 ng

RT: 15.015 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF136654.D

Acq: 20 Dec 2023 18:33

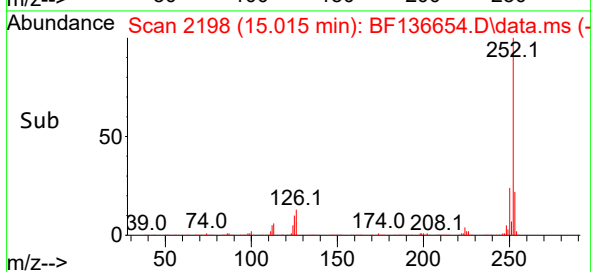
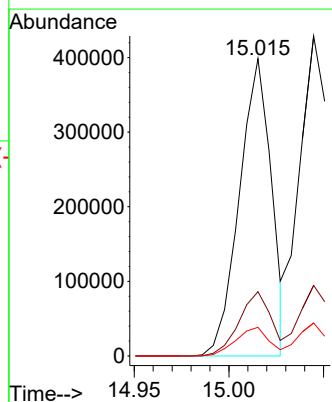
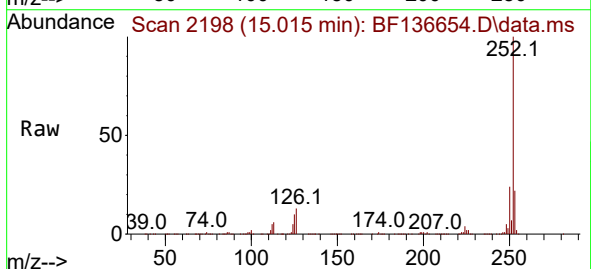
Tgt Ion:252 Resp: 469788

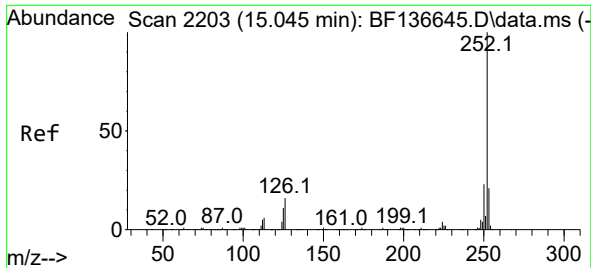
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 9.6 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 45.979 ng

RT: 15.045 min Scan# 2203

Delta R.T. -0.000 min

Lab File: BF136654.D

Acq: 20 Dec 2023 18:33

Instrument :

BNA_F

ClientSampleId :

PB157565BS

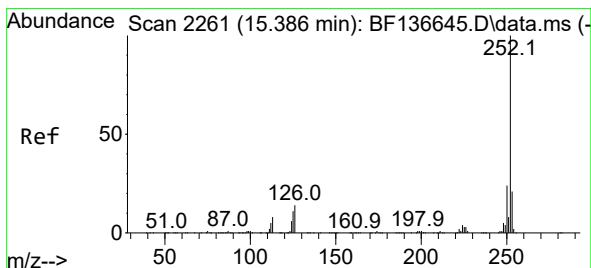
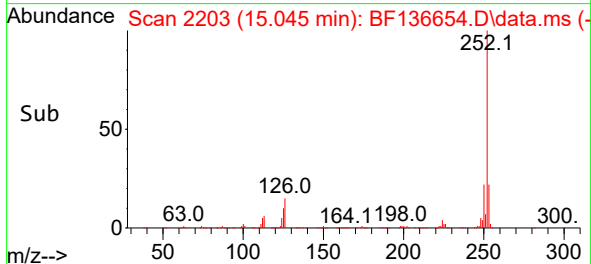
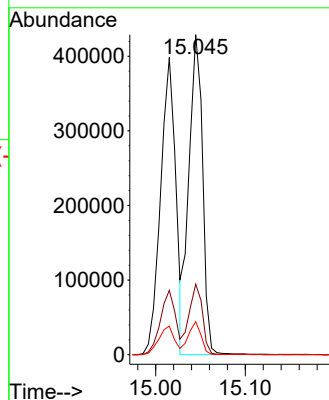
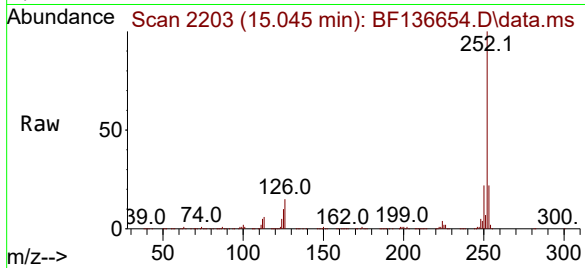
Tgt Ion:252 Resp: 455881

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: 46.383 ng

RT: 15.386 min Scan# 2261

Delta R.T. -0.000 min

Lab File: BF136654.D

Acq: 20 Dec 2023 18:33

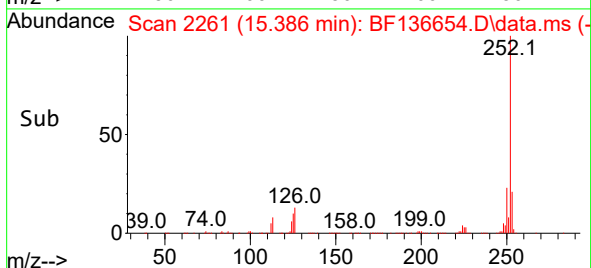
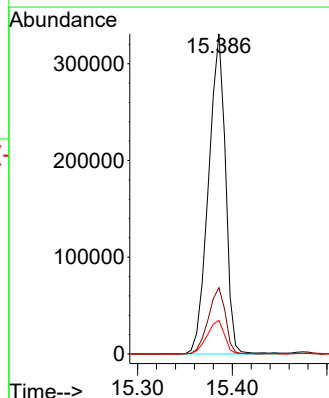
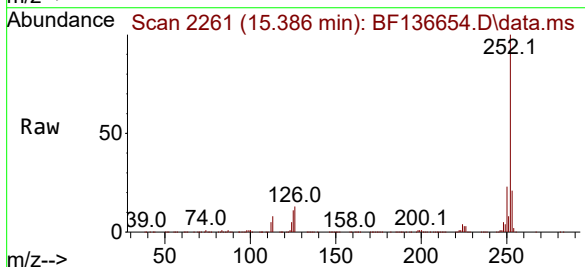
Tgt Ion:252 Resp: 410822

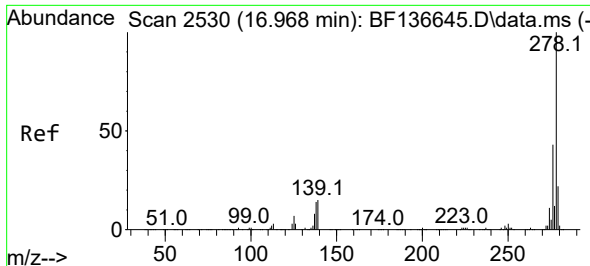
Ion Ratio Lower Upper

252 100

253 20.7 17.0 25.6

125 10.5 8.8 13.2

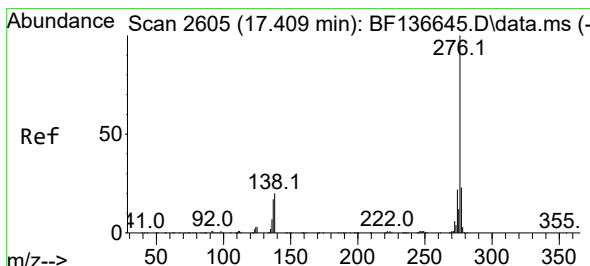
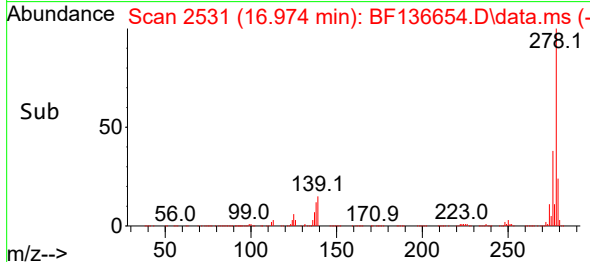
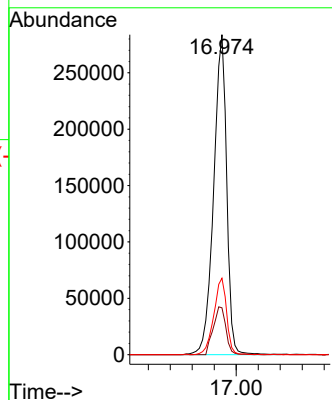
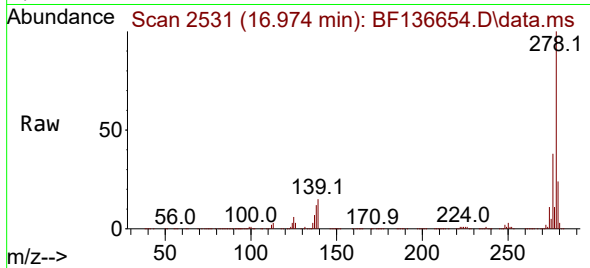




#91
Dibenzo(a,h)anthracene
Concen: 50.252 ng
RT: 16.974 min Scan# 2531
Delta R.T. 0.006 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Instrument :
BNA_F
ClientSampleId :
PB157565BS

Tgt Ion:278 Resp: 467630
Ion Ratio Lower Upper
278 100
139 14.6 12.2 18.4
279 23.9 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 48.329 ng
RT: 17.409 min Scan# 2605
Delta R.T. -0.000 min
Lab File: BF136654.D
Acq: 20 Dec 2023 18:33

Tgt Ion:276 Resp: 460626
Ion Ratio Lower Upper
276 100
277 24.1 18.3 27.5
138 20.4 15.6 23.4

