

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136001.D
 Acq On : 28 Oct 2023 12:56
 Operator : CG\JU
 Sample : PB156435BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156435BS

Quant Time: Oct 30 00:23:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	155455	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	612766	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	315427	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	584248	20.000	ng	0.00
76) Chrysene-d12	14.015	240	335594	20.000	ng	0.00
86) Perylene-d12	15.504	264	315540	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1319786	131.097	ng	0.02
7) Phenol-d6	6.463	99	1635377	130.482	ng	0.00
23) Nitrobenzene-d5	7.392	82	948667	98.251	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	493811	178.857	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1721131	87.372	ng	0.00
79) Terphenyl-d14	12.963	244	2129778	106.032	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	164272	35.127	ng	99
3) Pyridine	3.422	79	402734	31.201	ng	96
4) n-Nitrosodimethylamine	3.387	42	226019	40.158	ng	98
6) Aniline	6.492	93	513825	30.447	ng	99
8) 2-Chlorophenol	6.610	128	514678	49.384	ng	99
9) Benzaldehyde	6.375	77	62771	9.258	ng	96
10) Phenol	6.481	94	620667	47.369	ng	94
11) bis(2-Chloroethyl)ether	6.569	93	480282	47.092	ng	99
12) 1,3-Dichlorobenzene	6.769	146	520399	47.010	ng	97
13) 1,4-Dichlorobenzene	6.845	146	533332	47.971	ng	98
14) 1,2-Dichlorobenzene	6.998	146	496445	48.086	ng	99
15) Benzyl Alcohol	6.969	79	341386	38.531	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	674990	44.941	ng	96
17) 2-Methylphenol	7.081	107	403033	43.878	ng	99
18) Hexachloroethane	7.339	117	186577	49.354	ng	94
19) n-Nitroso-di-n-propyla...	7.245	70	322796	45.291	ng	98
20) 3+4-Methylphenols	7.234	107	485036	43.752	ng	90
22) Acetophenone	7.239	105	654370	47.281	ng	# 95
24) Nitrobenzene	7.410	77	493594	48.606	ng	98
25) Isophorone	7.651	82	916575	47.322	ng	98
26) 2-Nitrophenol	7.728	139	245159	60.861	ng	92
27) 2,4-Dimethylphenol	7.763	122	390891	44.280	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	564342	47.447	ng	98
29) 2,4-Dichlorophenol	7.963	162	409230	51.769	ng	100
30) 1,2,4-Trichlorobenzene	8.051	180	441963	49.380	ng	99
31) Naphthalene	8.134	128	1388411	46.865	ng	100
32) Benzoic acid	7.886	122	333049	64.637	ng	92
33) 4-Chloroaniline	8.175	127	183192	13.990	ng	99
34) Hexachlorobutadiene	8.251	225	249624	49.482	ng	100
35) Caprolactam	8.551	113	99303	37.749	ng	95
36) 4-Chloro-3-methylphenol	8.663	107	432945	51.537	ng	97
37) 2-Methylnaphthalene	8.822	142	897800	45.803	ng	100
38) 1-Methylnaphthalene	8.922	142	870839	47.546	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	427205	47.953	ng	99
41) Hexachlorocyclopentadiene	8.981	237	501969	114.270	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	291550	55.914	ng	98

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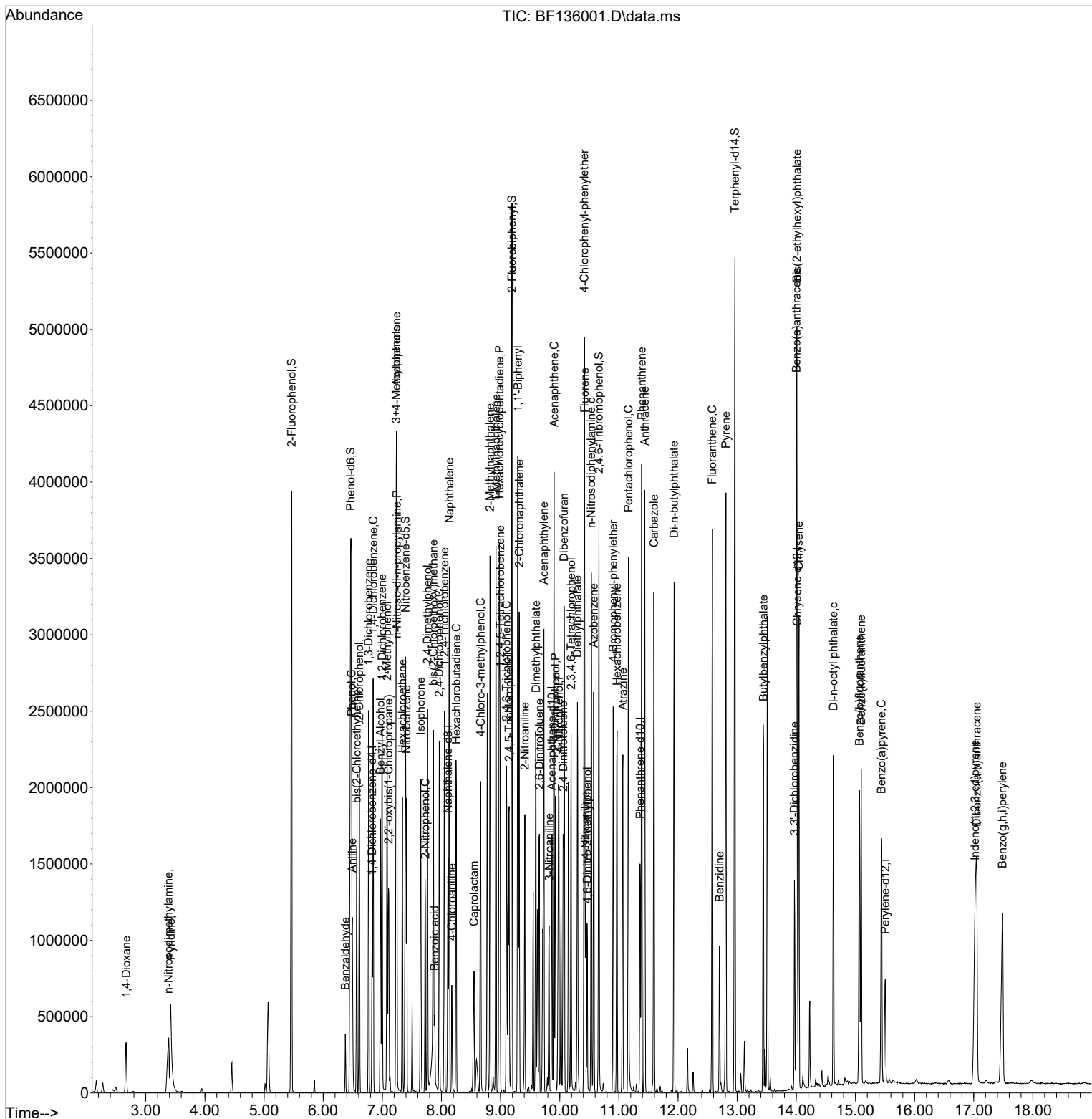
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	317227	51.240	ng	94
46) 1,1'-Biphenyl	9.292	154	1140675	47.725	ng	99
47) 2-Chloronaphthalene	9.316	162	873632	49.417	ng	98
48) 2-Nitroaniline	9.410	65	264846	53.432	ng	98
49) Acenaphthylene	9.733	152	1386311	49.707	ng	100
50) Dimethylphthalate	9.598	163	1004920	49.128	ng	99
51) 2,6-Dinitrotoluene	9.657	165	231213	53.862	ng	# 81
52) Acenaphthene	9.904	154	855346	47.855	ng	99
53) 3-Nitroaniline	9.822	138	161936	33.442	ng	# 89
54) 2,4-Dinitrophenol	9.928	184	238354	110.582	ng	97
55) Dibenzofuran	10.075	168	1230563	47.657	ng	100
56) 4-Nitrophenol	9.986	139	424658	101.139	ng	98
57) 2,4-Dinitrotoluene	10.063	165	305931	57.033	ng	88
58) Fluorene	10.422	166	924249	47.843	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.192	232	276882	59.434	ng	99
60) Diethylphthalate	10.298	149	973339	49.900	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	451398	48.440	ng	98
62) 4-Nitroaniline	10.439	138	252390	50.017	ng	95
63) Azobenzene	10.575	77	941966	47.586	ng	98
65) 4,6-Dinitro-2-methylph...	10.469	198	151281	66.610	ng	81
66) n-Nitrosodiphenylamine	10.533	169	867725	49.162	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	302786	50.605	ng	99
68) Hexachlorobenzene	10.969	284	345114	53.994	ng	# 91
69) Atrazine	11.069	200	290817	60.441	ng	99
70) Pentachlorophenol	11.163	266	418534	102.049	ng	99
71) Phenanthrene	11.386	178	1454150	49.195	ng	100
72) Anthracene	11.439	178	1470788	48.596	ng	99
73) Carbazole	11.592	167	1327256	49.160	ng	99
74) Di-n-butylphthalate	11.933	149	1509022	52.525	ng	100
75) Fluoranthene	12.580	202	1505077	48.399	ng	98
77) Benzidine	12.704	184	370628	57.275	ng	99
78) Pyrene	12.810	202	1535189	54.482	ng	100
80) Butylbenzylphthalate	13.445	149	564458	52.606	ng	98
81) Benzo(a)anthracene	14.004	228	1127436	49.409	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	284176	40.934	ng	99
83) Chrysene	14.045	228	1089392	49.018	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	628697	54.259	ng	99
85) Di-n-octyl phthalate	14.627	149	987883	54.122	ng	97
87) Indeno(1,2,3-cd)pyrene	17.021	276	1182825	66.108	ng	98
88) Benzo(b)fluoranthene	15.068	252	942251	50.177	ng	99
89) Benzo(k)fluoranthene	15.098	252	881378	47.790	ng	99
90) Benzo(a)pyrene	15.439	252	828379	47.864	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	967883	63.243	ng	99
92) Benzo(g,h,i)perylene	17.486	276	982298	55.790	ng	100

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

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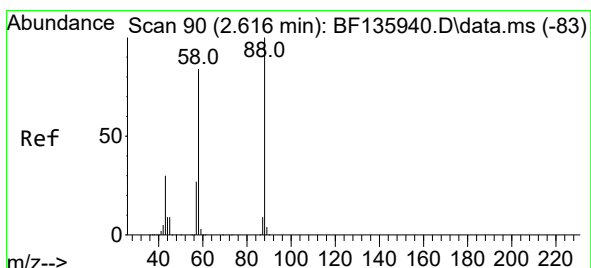
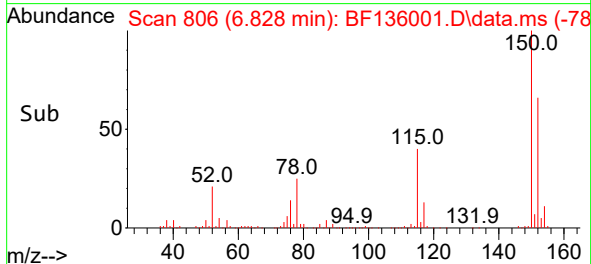
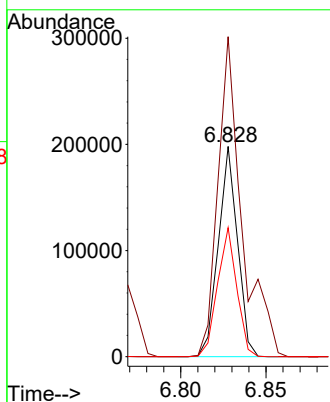
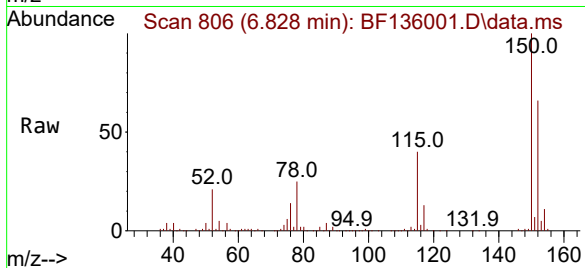




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF136001.D
 Acq: 28 Oct 2023 12:56

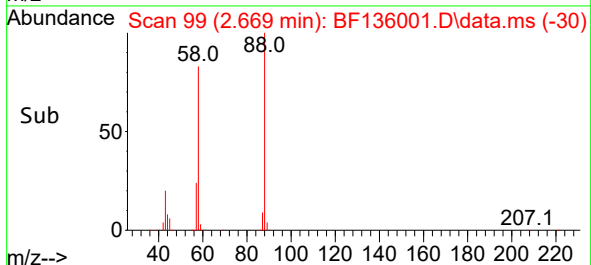
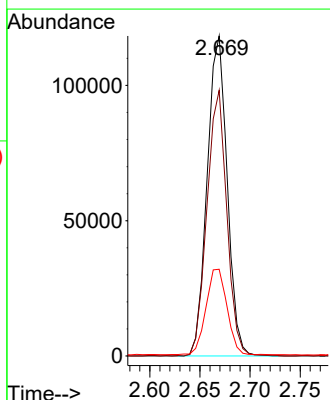
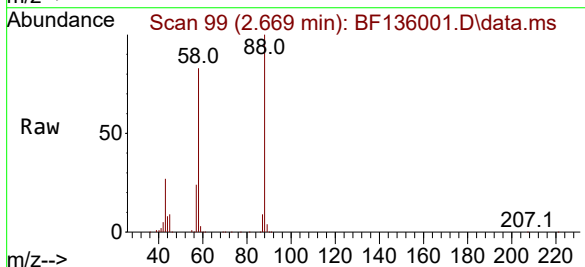
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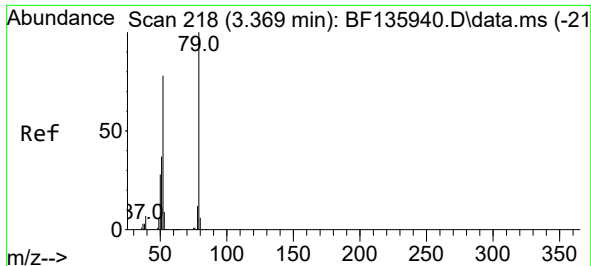
Tgt Ion:152 Resp: 155455
 Ion Ratio Lower Upper
 152 100
 150 152.2 124.6 186.8
 115 61.4 46.6 69.8



#2
 1,4-Dioxane
 Concen: 35.127 ng
 RT: 2.669 min Scan# 99
 Delta R.T. 0.053 min
 Lab File: BF136001.D
 Acq: 28 Oct 2023 12:56

Tgt Ion: 88 Resp: 164272
 Ion Ratio Lower Upper
 88 100
 58 82.6 66.6 100.0
 43 28.0 23.8 35.8

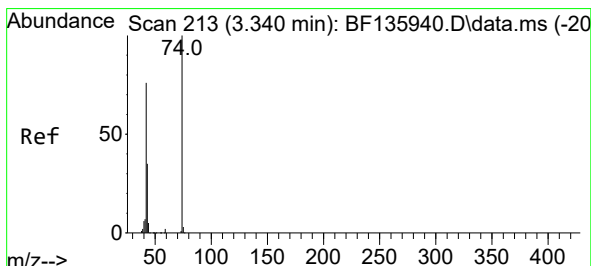
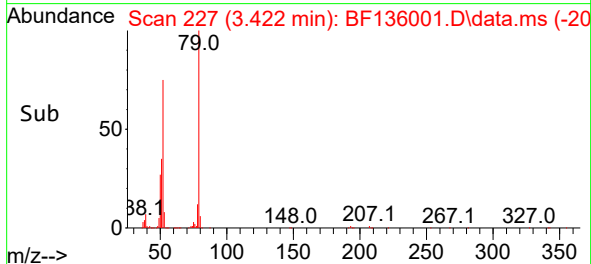
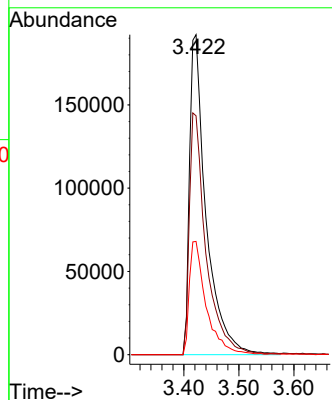
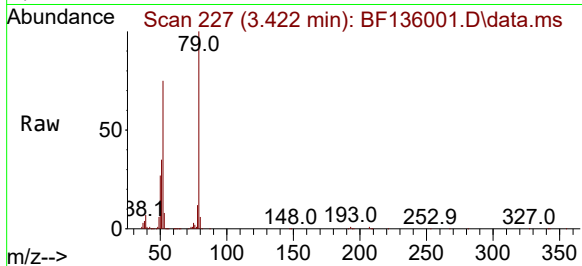




#3
Pyridine
Concen: 31.201 ng
RT: 3.422 min Scan# 218
Delta R.T. 0.053 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

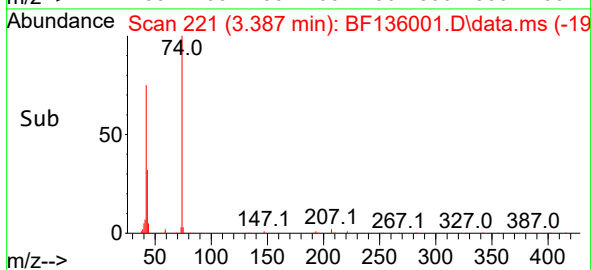
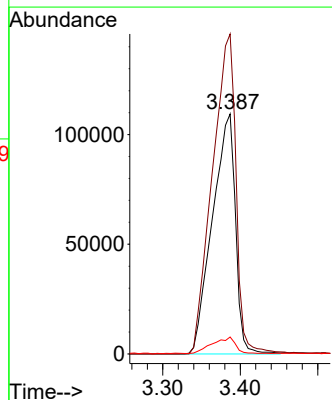
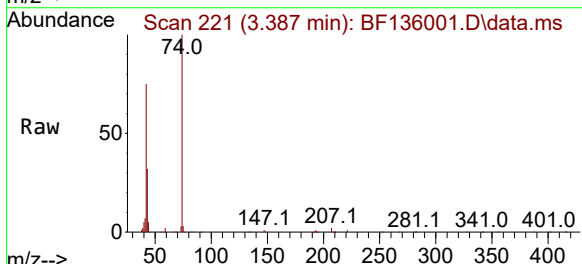
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ClientSampleId :
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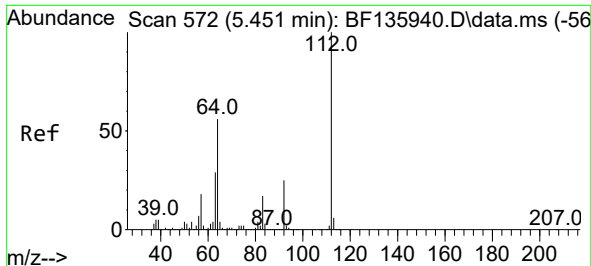
Tgt Ion: 79 Resp: 402734
Ion Ratio Lower Upper
79 100
52 74.7 62.6 93.8
51 35.4 29.8 44.8



#4
n-Nitrosodimethylamine
Concen: 40.158 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.047 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion: 42 Resp: 226019
Ion Ratio Lower Upper
42 100
74 133.3 104.8 157.2
44 7.1 5.9 8.9

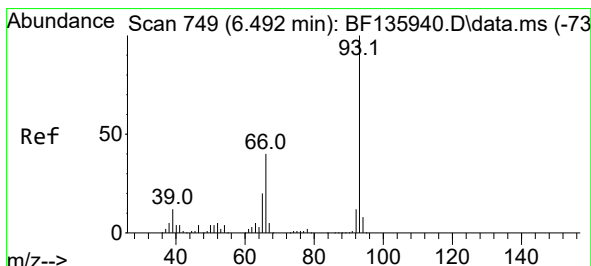
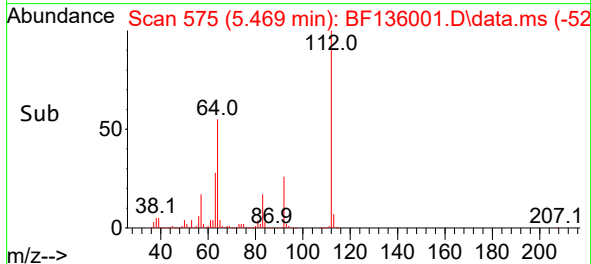
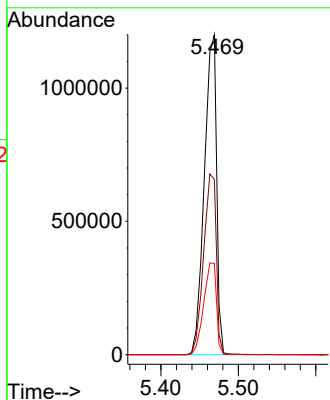
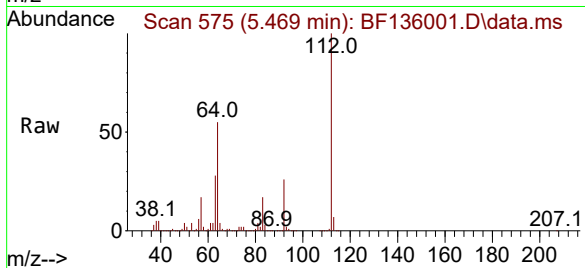




#5
2-Fluorophenol
Concen: 131.097 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

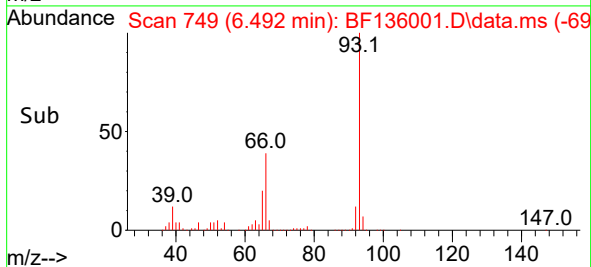
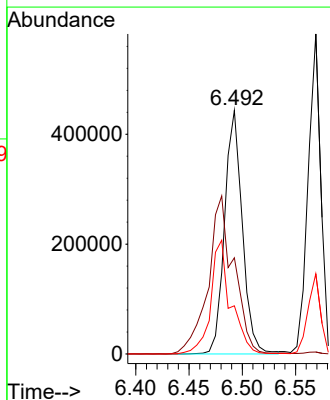
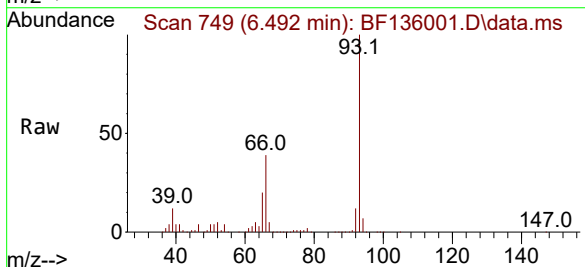
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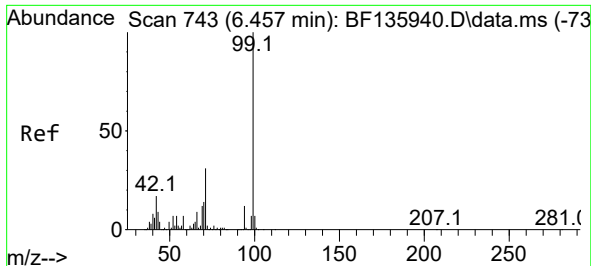
Tgt Ion:112 Resp: 1319786
Ion Ratio Lower Upper
112 100
64 54.8 45.1 67.7
63 28.5 23.0 34.4



#6
Aniline
Concen: 30.447 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion: 93 Resp: 513825
Ion Ratio Lower Upper
93 100
66 39.5 32.0 48.0
65 19.8 16.2 24.4

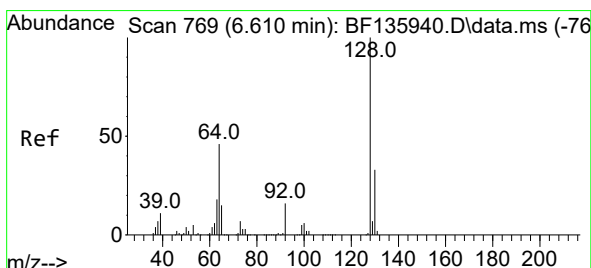
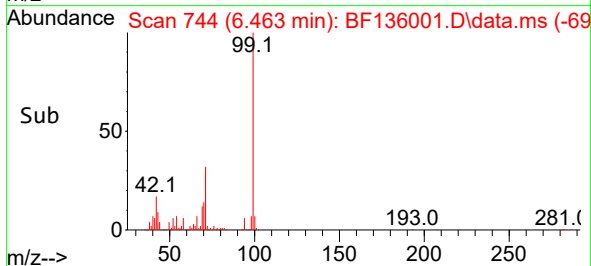
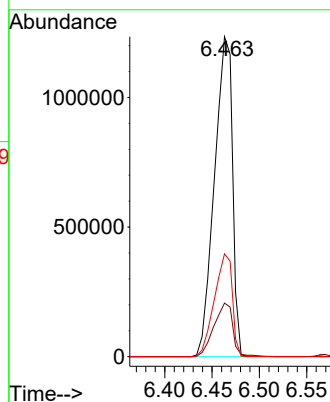
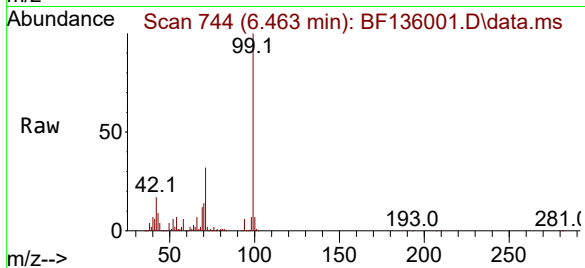




#7
Phenol-d6
Concen: 130.482 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

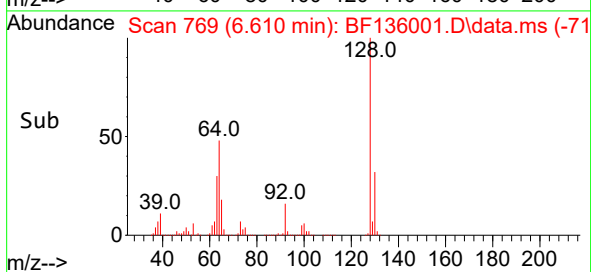
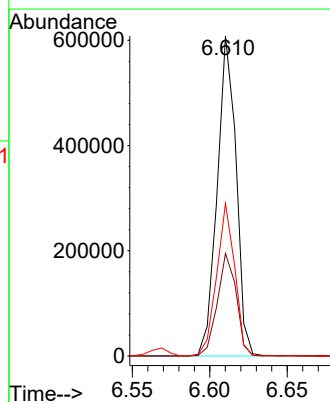
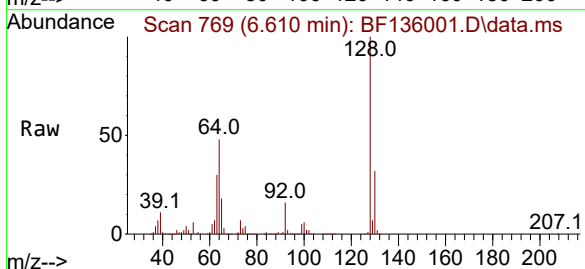
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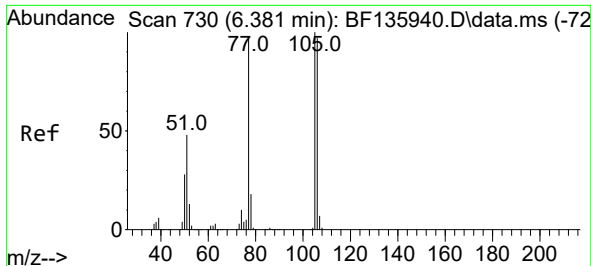
Tgt Ion: 99 Resp: 1635377
Ion Ratio Lower Upper
99 100
42 16.7 13.8 20.8
71 32.2 25.1 37.7



#8
2-Chlorophenol
Concen: 49.384 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:128 Resp: 514678
Ion Ratio Lower Upper
128 100
130 32.1 13.1 53.1
64 47.7 27.0 67.0





#9

Benzaldehyde

Concen: 9.258 ng

RT: 6.375 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

PB156435BS

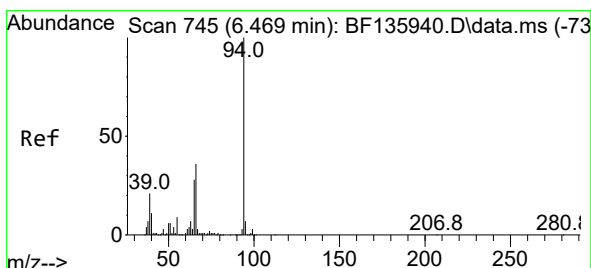
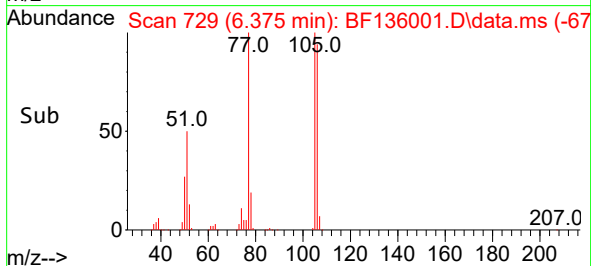
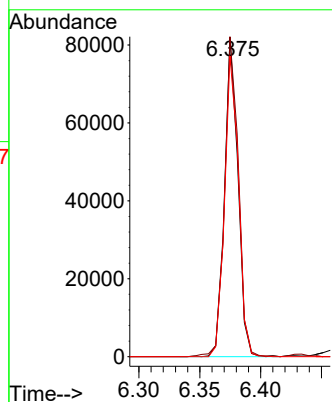
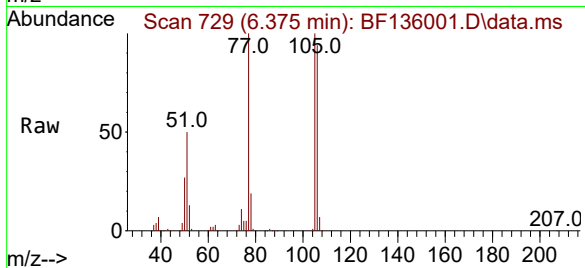
Tgt Ion: 77 Resp: 62771

Ion Ratio Lower Upper

77 100

105 100.1 83.2 123.2

106 94.1 80.0 120.0



#10

Phenol

Concen: 47.369 ng

RT: 6.481 min Scan# 747

Delta R.T. 0.012 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

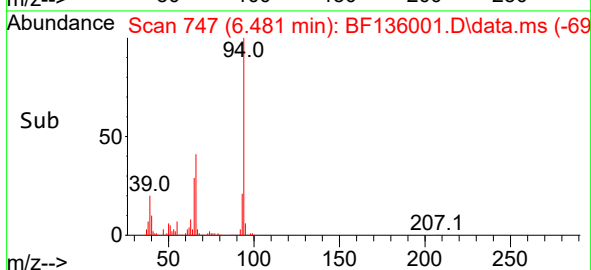
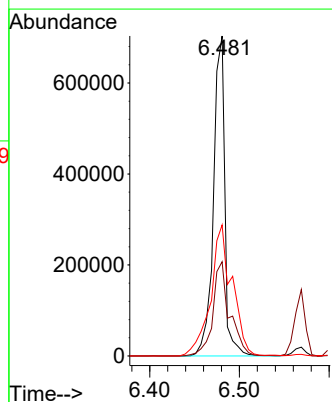
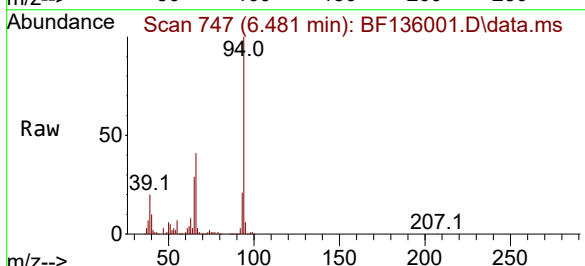
Tgt Ion: 94 Resp: 620667

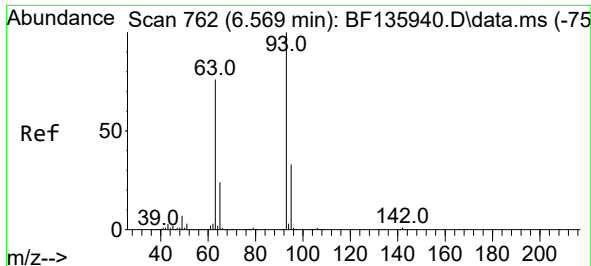
Ion Ratio Lower Upper

94 100

65 29.4 7.8 47.8

66 40.9 16.5 56.5

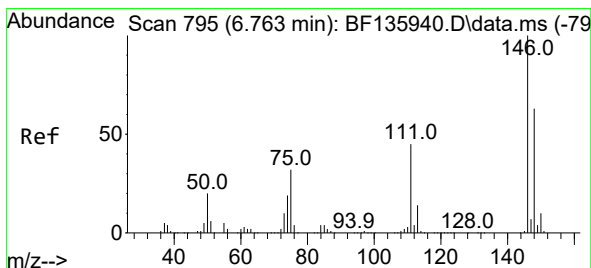
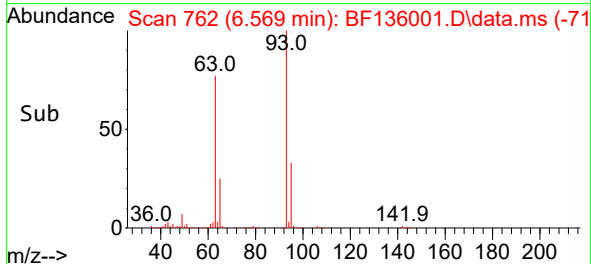
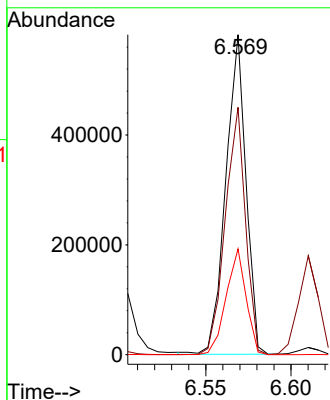
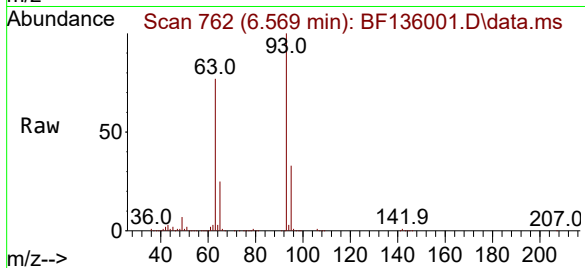




#11
bis(2-Chloroethyl)ether
Concen: 47.092 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

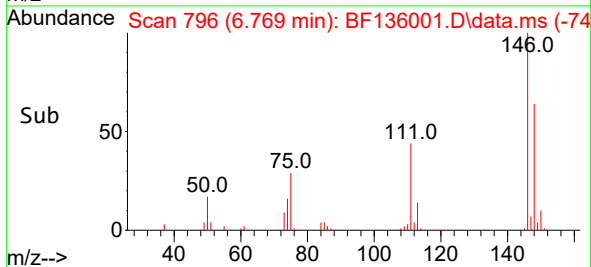
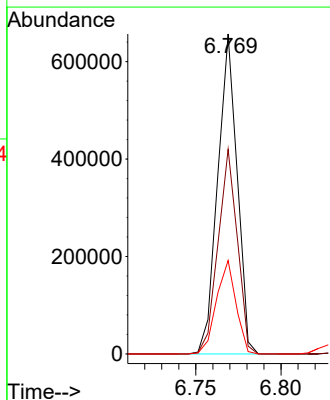
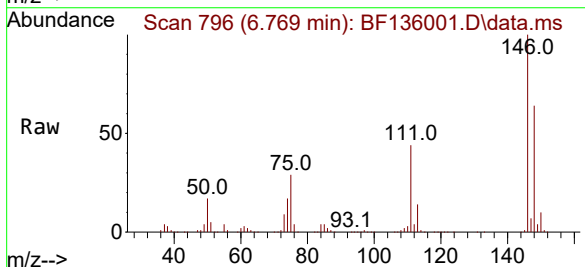
Instrument :
BNA_F
ClientSampleId :
PB156435BS

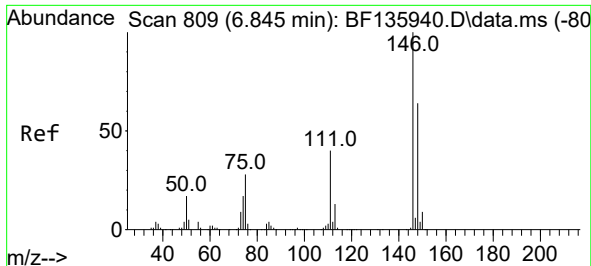
Tgt Ion: 93 Resp: 480282
Ion Ratio Lower Upper
93 100
63 77.3 56.2 96.2
95 33.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 47.010 ng
RT: 6.769 min Scan# 796
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:146 Resp: 520399
Ion Ratio Lower Upper
146 100
148 64.0 50.2 75.4
75 29.2 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 47.971 ng

RT: 6.845 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

PB156435BS

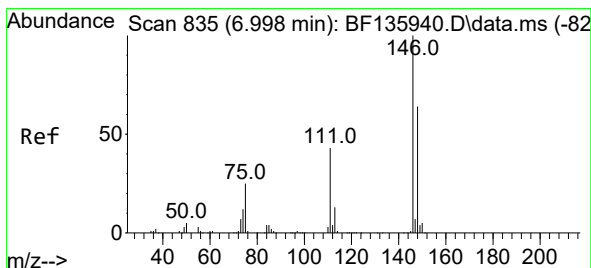
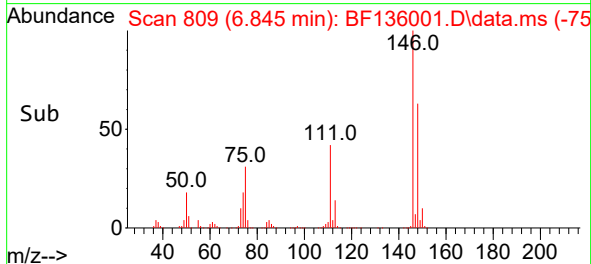
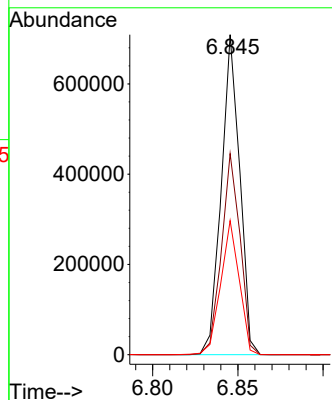
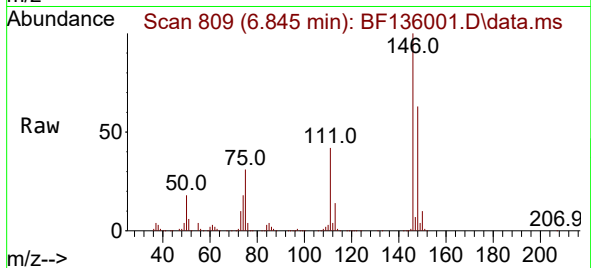
Tgt Ion:146 Resp: 533332

Ion Ratio Lower Upper

146 100

148 62.8 51.4 77.2

111 41.9 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 48.086 ng

RT: 6.998 min Scan# 835

Delta R.T. 0.000 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

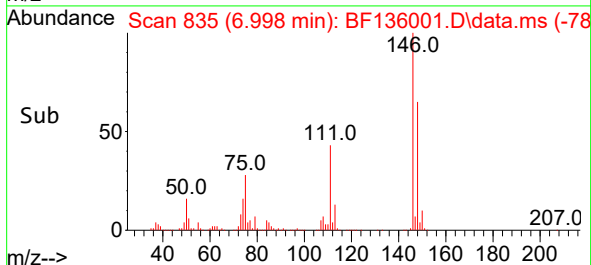
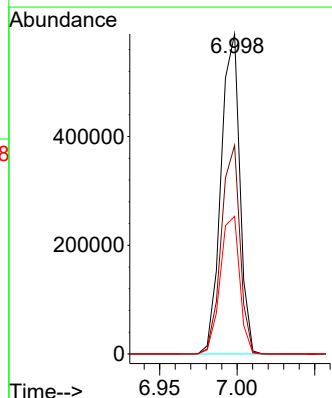
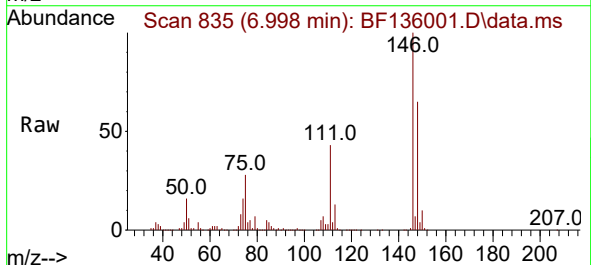
Tgt Ion:146 Resp: 496445

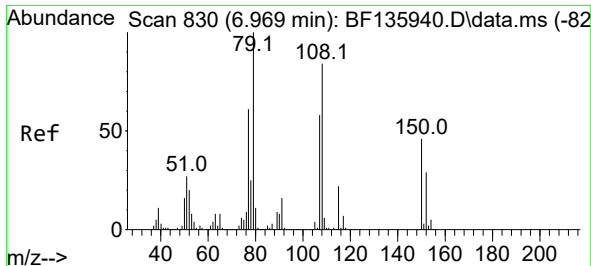
Ion Ratio Lower Upper

146 100

148 65.2 51.4 77.0

111 43.0 34.2 51.4

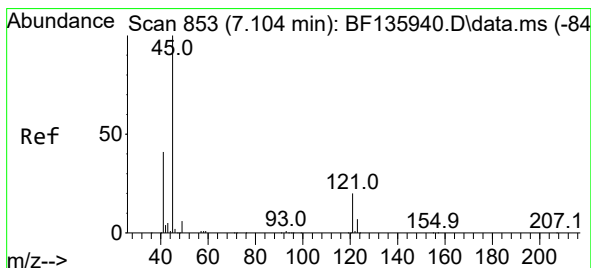
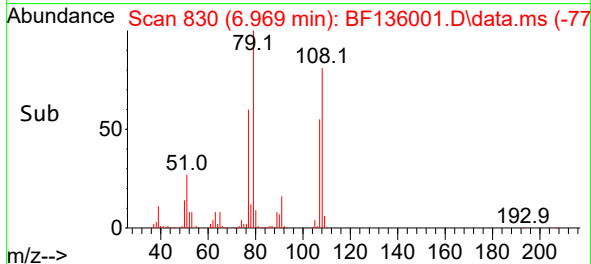
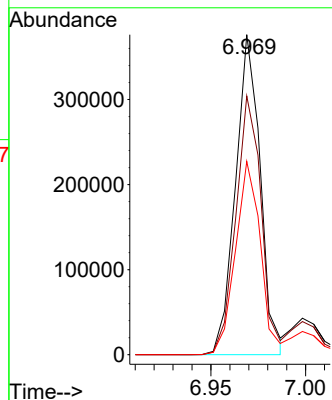
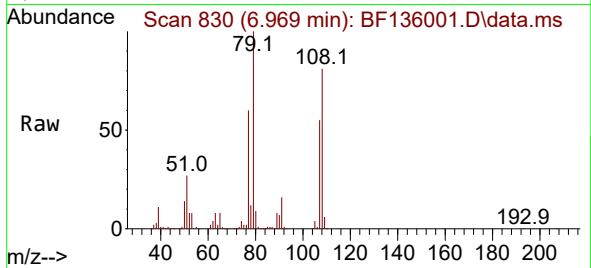




#15
Benzyl Alcohol
Concen: 38.531 ng
RT: 6.969 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

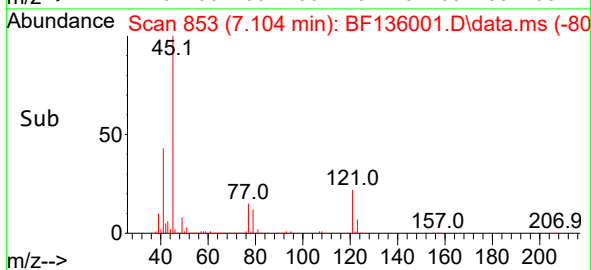
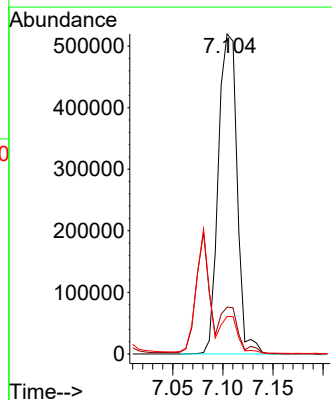
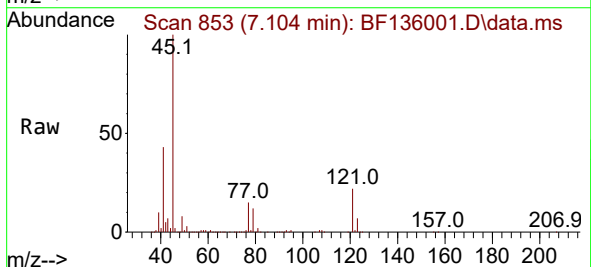
Instrument :
BNA_F
ClientSampleId :
PB156435BS

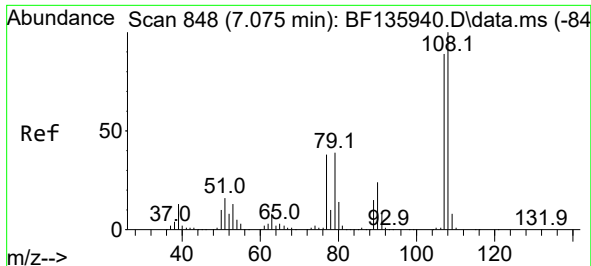
Tgt Ion: 79 Resp: 341386
Ion Ratio Lower Upper
79 100
108 80.9 67.2 100.8
77 60.4 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.941 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion: 45 Resp: 674990
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.2
79 11.7 0.0 29.8

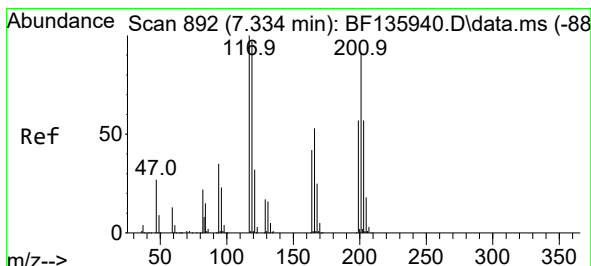
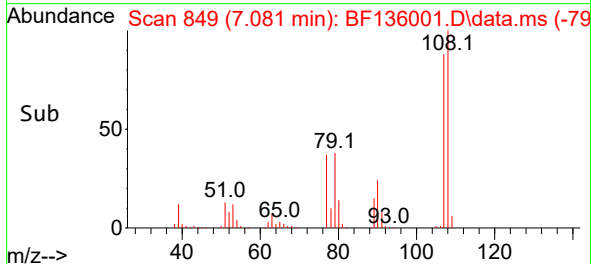
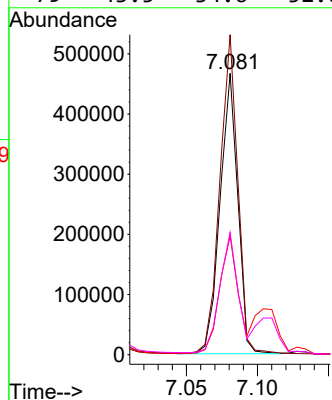
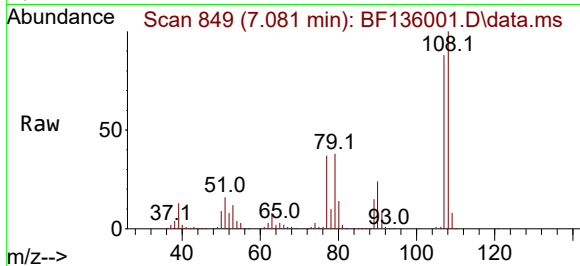




#17
2-Methylphenol
Concen: 43.878 ng
RT: 7.081 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

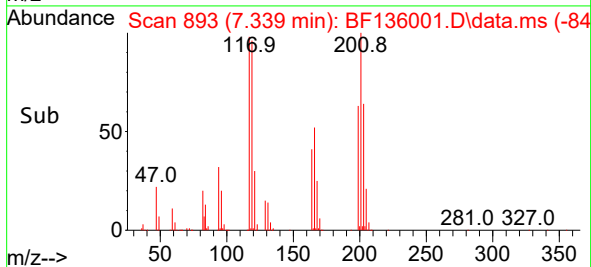
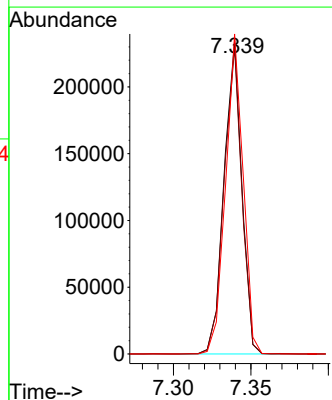
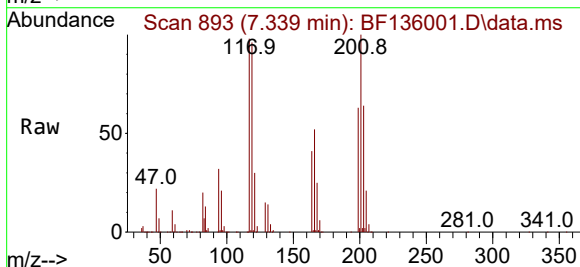
Instrument :
BNA_F
ClientSampleId :
PB156435BS

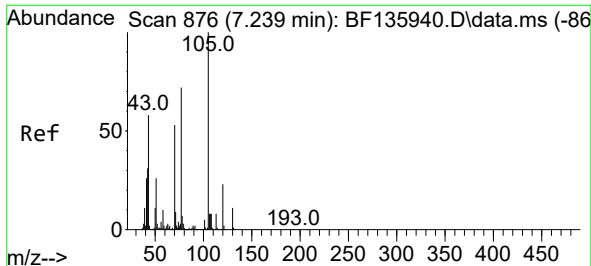
Tgt Ion:107 Resp: 403033
Ion Ratio Lower Upper
107 100
108 113.8 89.8 134.6
77 42.2 34.2 51.2
79 43.5 34.6 52.0



#18
Hexachloroethane
Concen: 49.354 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:117 Resp: 186577
Ion Ratio Lower Upper
117 100
119 97.7 77.3 115.9
201 102.1 72.8 109.2

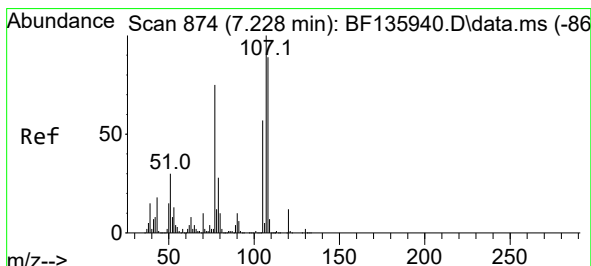
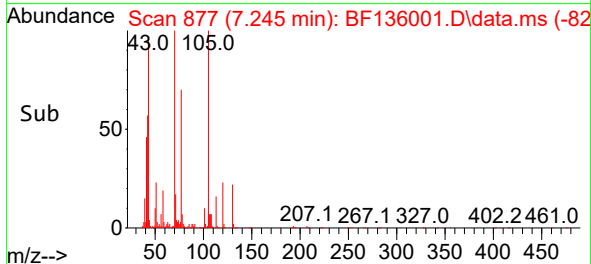
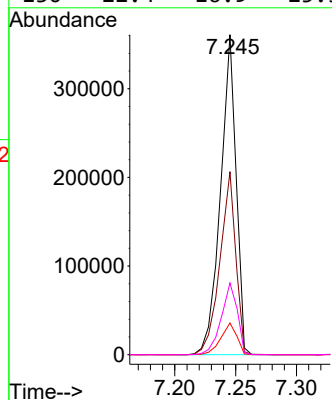
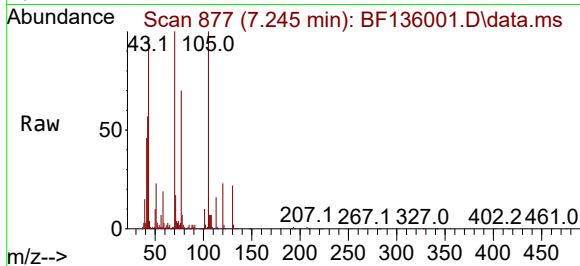




#19
n-Nitroso-di-n-propylamine
Concen: 45.291 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

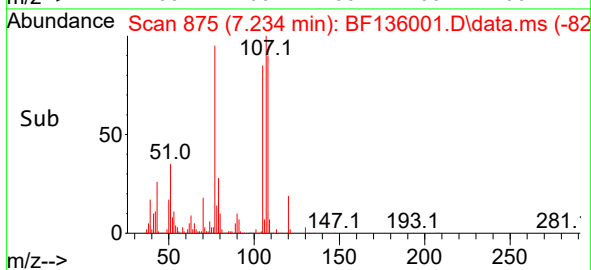
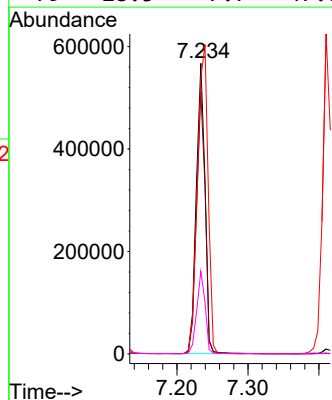
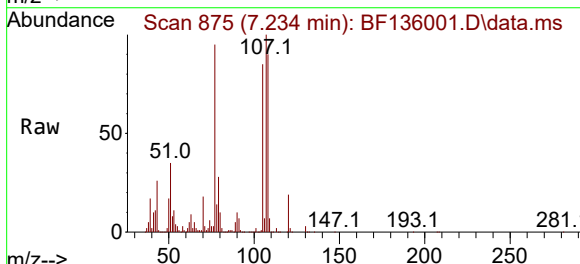
Instrument :
BNA_F
ClientSampleId :
PB156435BS

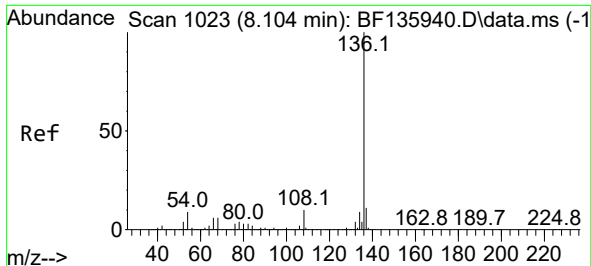
Tgt Ion: 70 Resp: 322796
Ion Ratio Lower Upper
70 100
42 57.2 47.3 70.9
101 9.9 7.8 11.8
130 22.4 16.9 25.3



#20
3+4-Methylphenols
Concen: 43.752 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion: 107 Resp: 485036
Ion Ratio Lower Upper
107 100
108 90.2 69.1 109.1
77 95.0 55.0 95.0
79 28.5 7.7 47.7



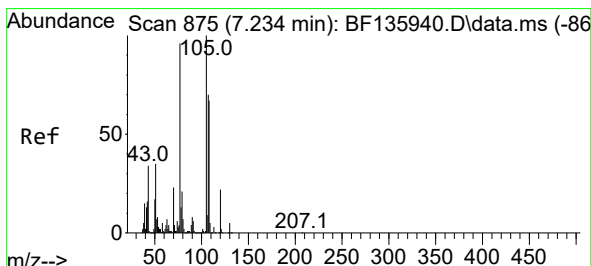
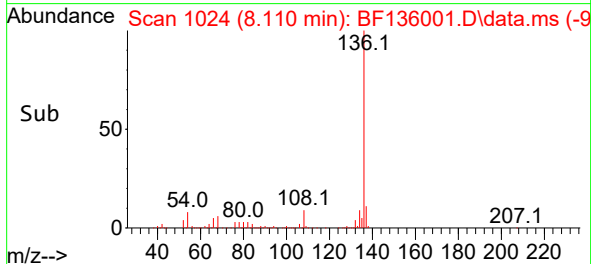
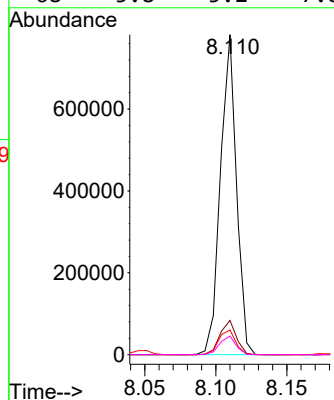
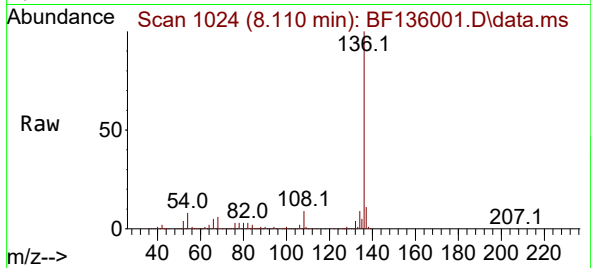


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :
BNA_F
ClientSampleId :
PB156435BS

Tgt Ion:136 Resp: 612766

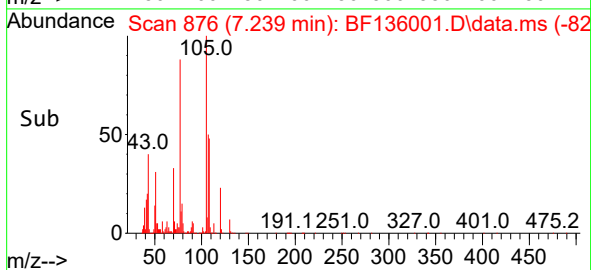
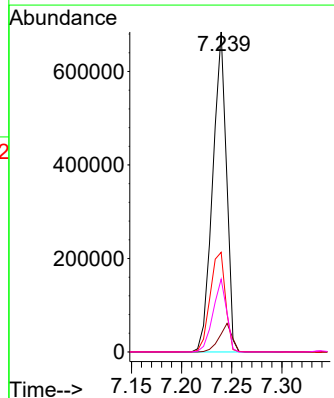
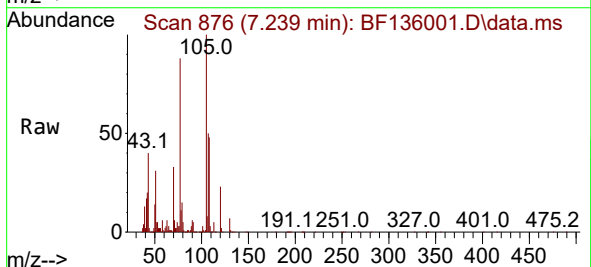
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	7.7	7.1	10.7
68	5.8	5.2	7.8

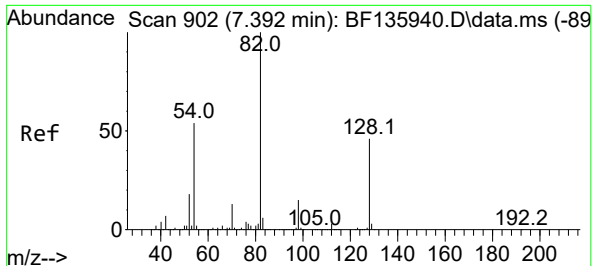


#22
Acetophenone
Concen: 47.281 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:105 Resp: 654370

Ion	Ratio	Lower	Upper
105	100		
71	5.6	3.4	5.2#
51	31.2	28.4	42.6
120	22.8	17.8	26.6





#23

Nitrobenzene-d5

Concen: 98.251 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

PB156435BS

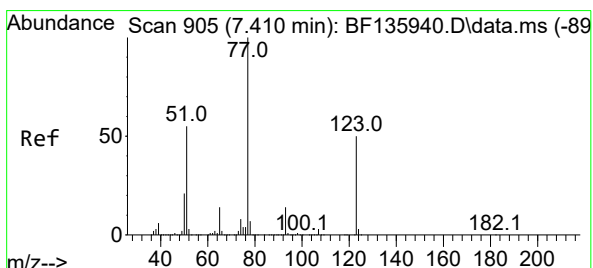
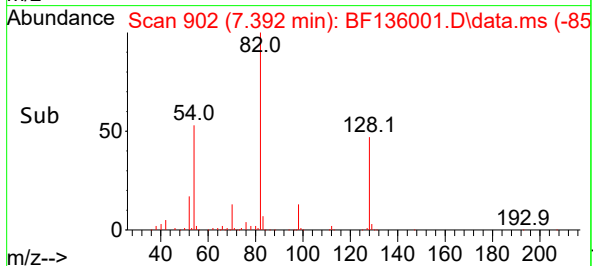
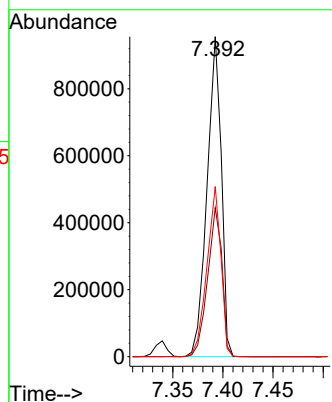
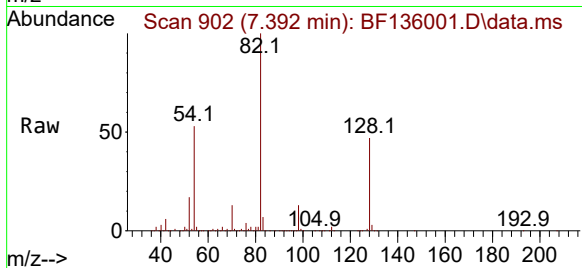
Tgt Ion: 82 Resp: 948667

Ion Ratio Lower Upper

82 100

128 46.5 36.8 55.2

54 53.2 43.4 65.0



#24

Nitrobenzene

Concen: 48.606 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

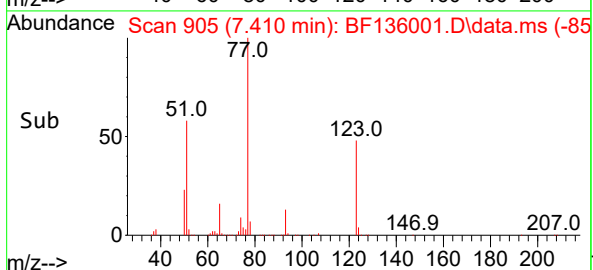
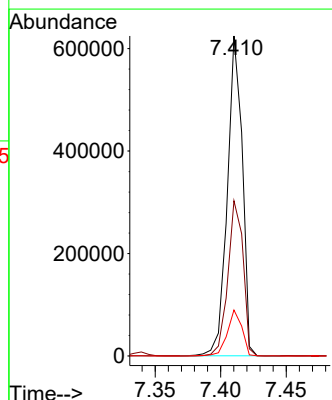
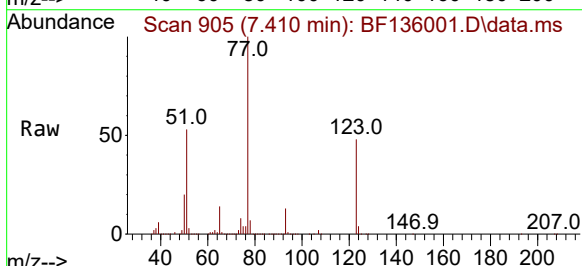
Tgt Ion: 77 Resp: 493594

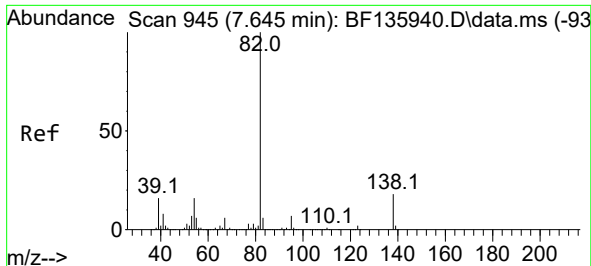
Ion Ratio Lower Upper

77 100

123 48.5 40.2 60.2

65 14.4 11.0 16.4

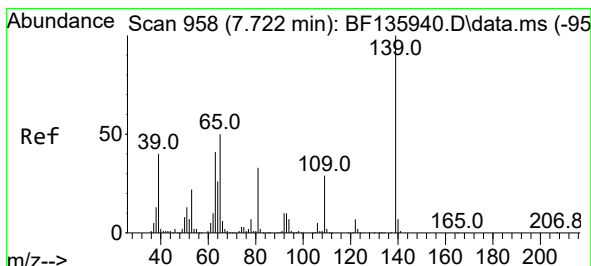
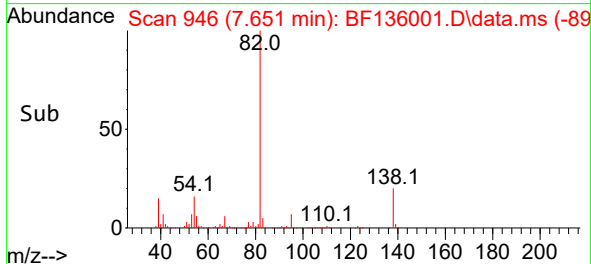
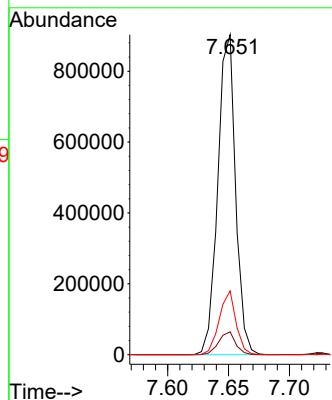
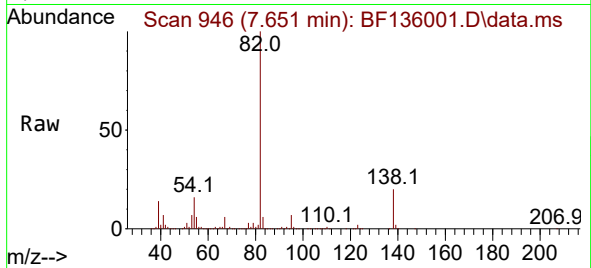




#25
Isophorone
Concen: 47.322 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

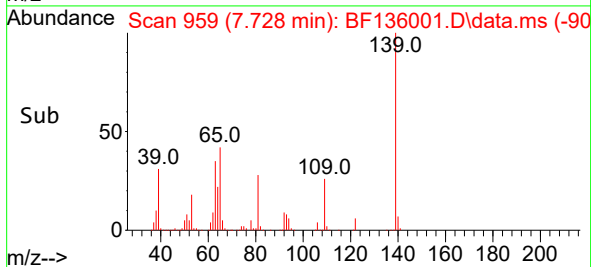
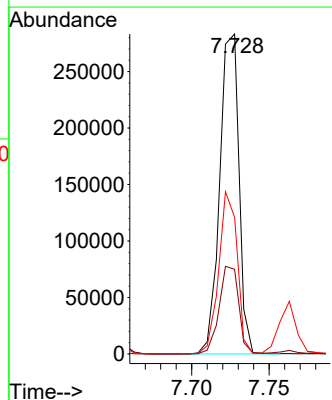
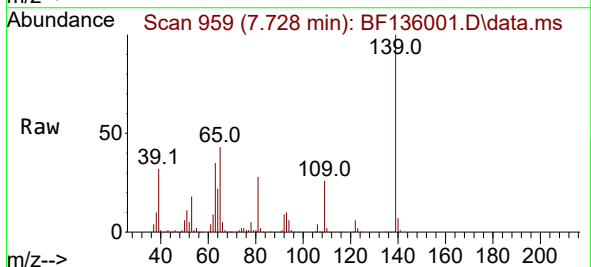
Instrument :
BNA_F
ClientSampleId :
PB156435BS

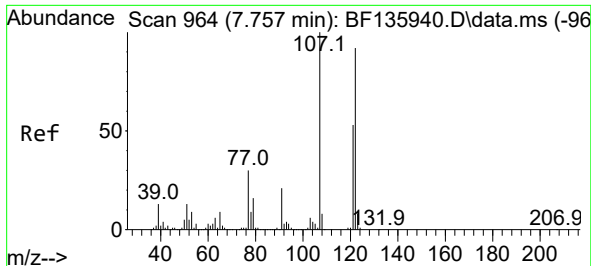
Tgt Ion: 82 Resp: 916575
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 19.9 14.8 22.2



#26
2-Nitrophenol
Concen: 60.861 ng
RT: 7.728 min Scan# 959
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:139 Resp: 245159
Ion Ratio Lower Upper
139 100
109 26.5 23.1 34.7
65 42.7 39.8 59.8





#27

2,4-Dimethylphenol

Concen: 44.280 ng

RT: 7.763 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

PB156435BS

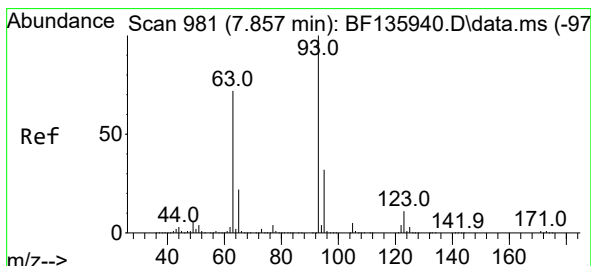
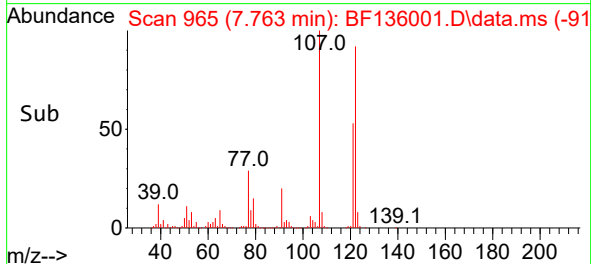
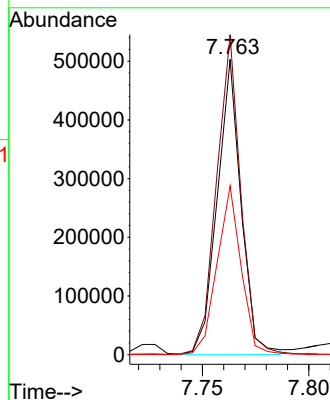
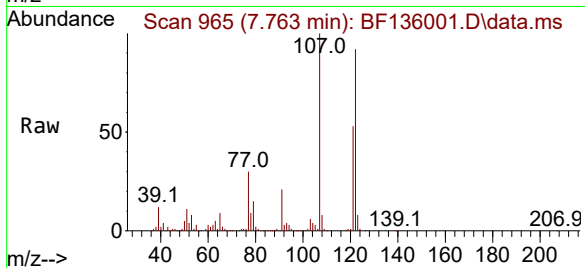
Tgt Ion:122 Resp: 390891

Ion Ratio Lower Upper

122 100

107 108.3 87.1 130.7

121 57.1 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 47.447 ng

RT: 7.863 min Scan# 982

Delta R.T. 0.006 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

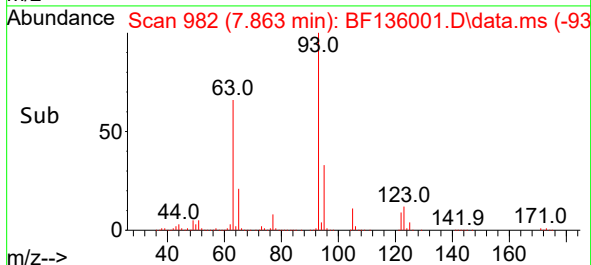
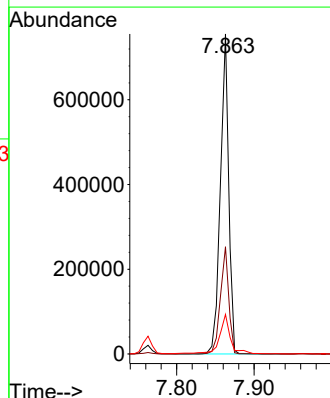
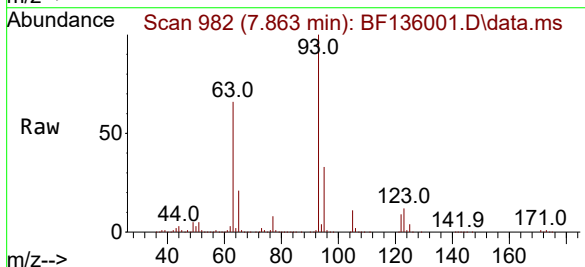
Tgt Ion: 93 Resp: 564342

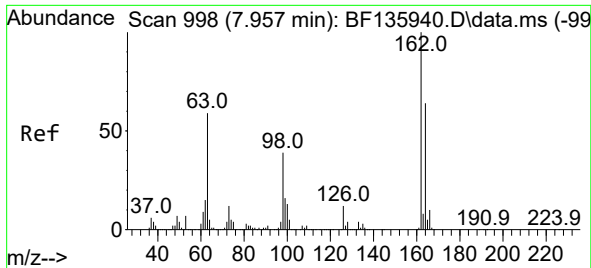
Ion Ratio Lower Upper

93 100

95 33.5 25.9 38.9

123 12.3 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 51.769 ng

RT: 7.963 min Scan# 99

Delta R.T. 0.006 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

PB156435BS

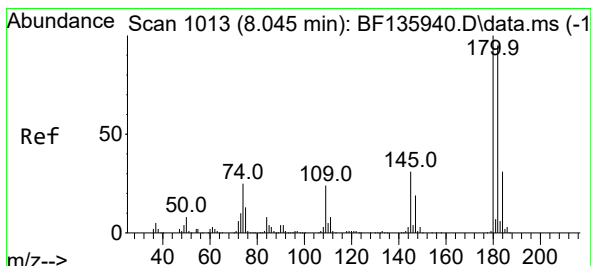
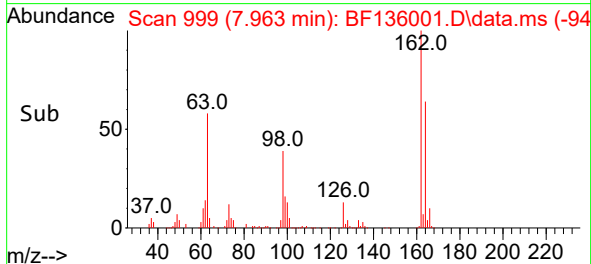
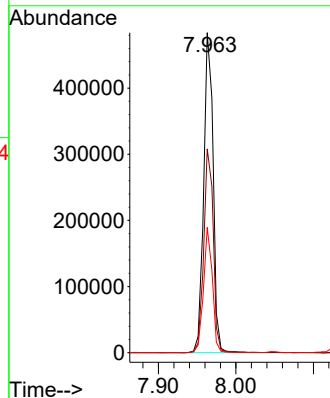
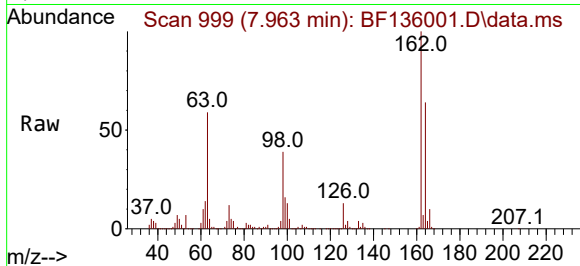
Tgt Ion:162 Resp: 409230

Ion Ratio Lower Upper

162 100

164 63.7 43.7 83.7

98 39.2 18.8 58.8



#30

1,2,4-Trichlorobenzene

Concen: 49.380 ng

RT: 8.051 min Scan# 1014

Delta R.T. 0.006 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

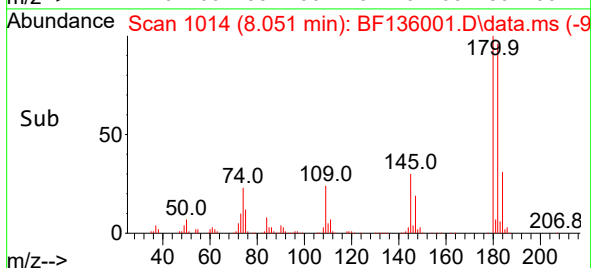
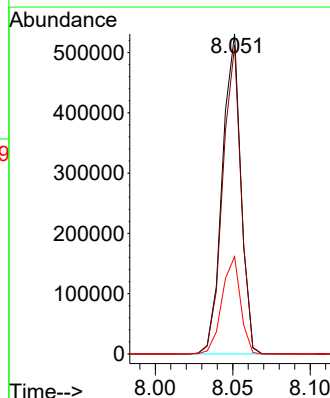
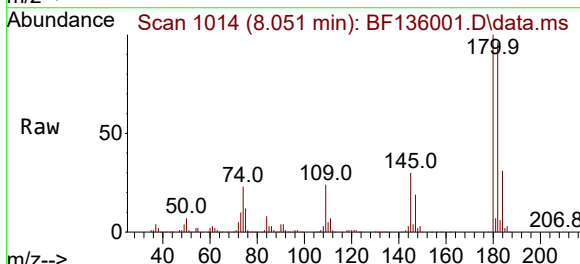
Tgt Ion:180 Resp: 441963

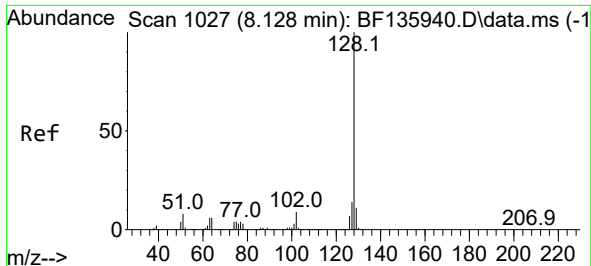
Ion Ratio Lower Upper

180 100

182 96.4 76.0 114.0

145 30.4 24.6 36.8

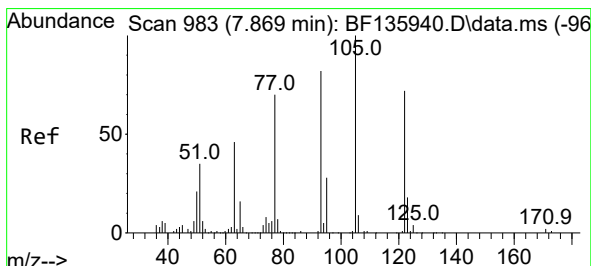
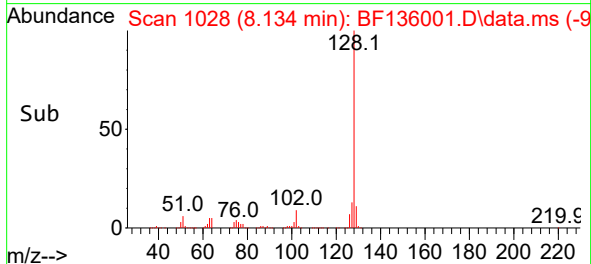
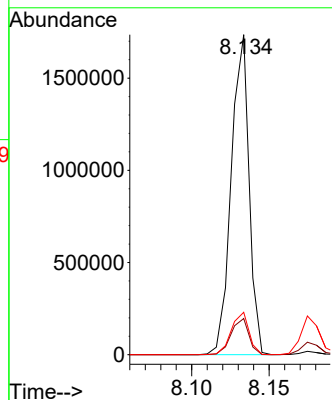
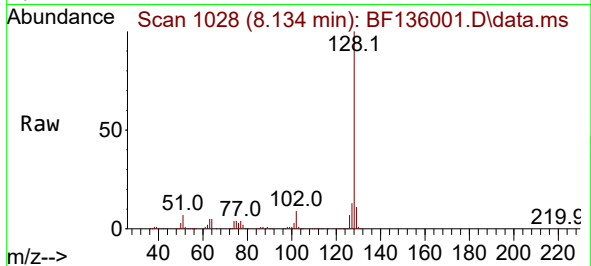




#31
Naphthalene
Concen: 46.865 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

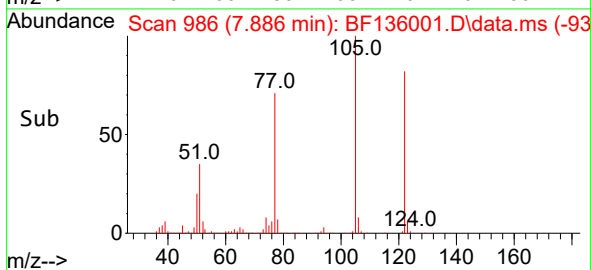
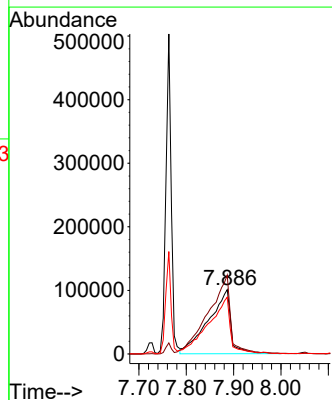
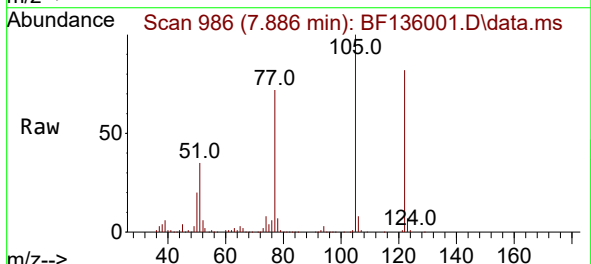
Instrument :
BNA_F
ClientSampleId :
PB156435BS

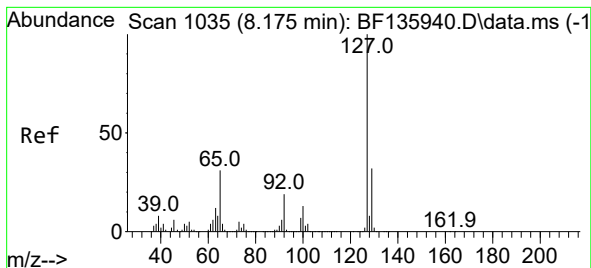
Tgt Ion:128 Resp: 1388411
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.3 10.9 16.3



#32
Benzoic acid
Concen: 64.637 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.017 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:122 Resp: 333049
Ion Ratio Lower Upper
122 100
105 122.5 113.1 153.1
77 88.2 75.2 115.2





#33

4-Chloroaniline

Concen: 13.990 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

PB156435BS

Tgt Ion:127 Resp: 183192

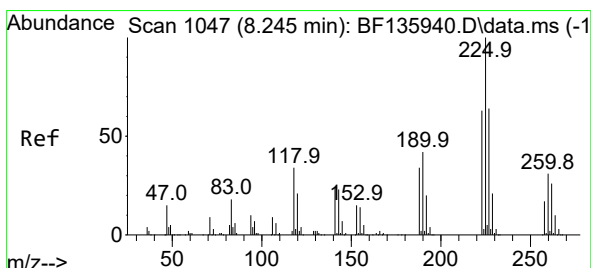
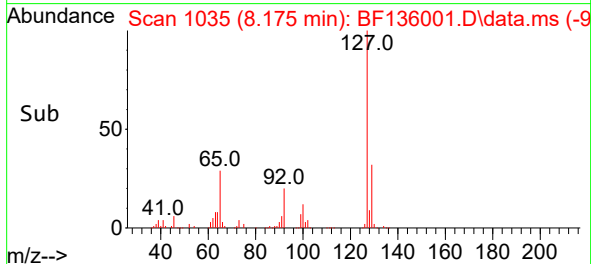
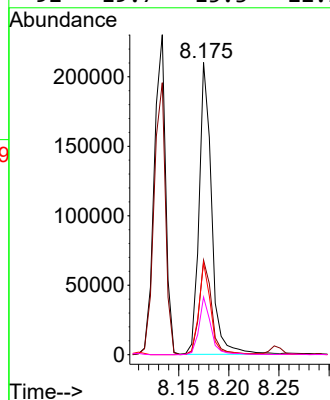
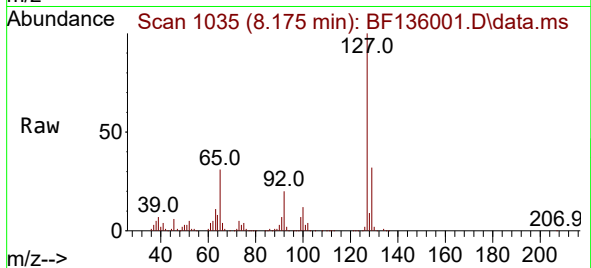
Ion Ratio Lower Upper

127 100

129 32.4 25.7 38.5

65 31.5 24.8 37.2

92 19.7 15.3 22.9



#34

Hexachlorobutadiene

Concen: 49.482 ng

RT: 8.251 min Scan# 1048

Delta R.T. 0.006 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

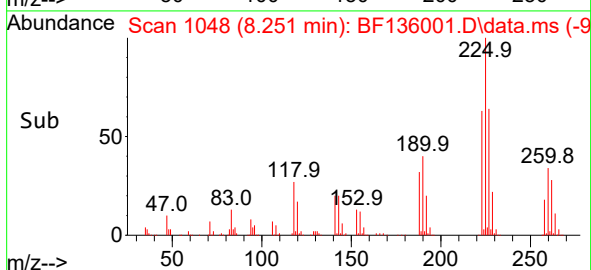
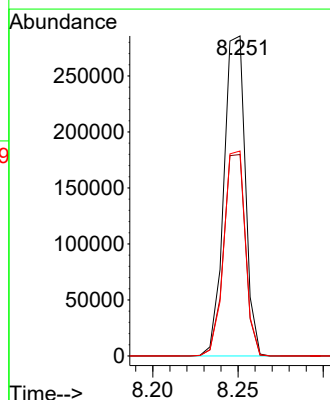
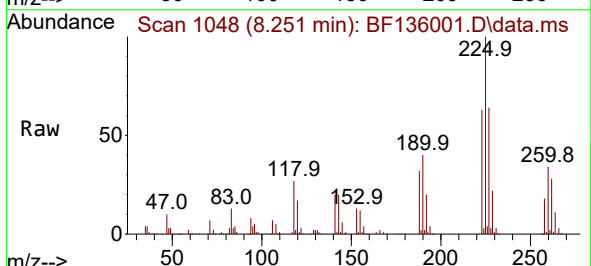
Tgt Ion:225 Resp: 249624

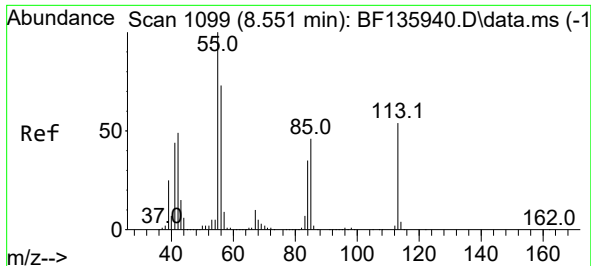
Ion Ratio Lower Upper

225 100

223 62.9 50.6 75.8

227 64.1 50.9 76.3

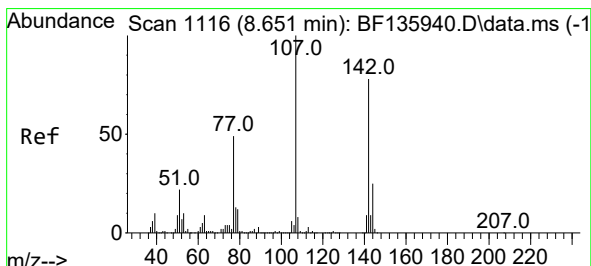
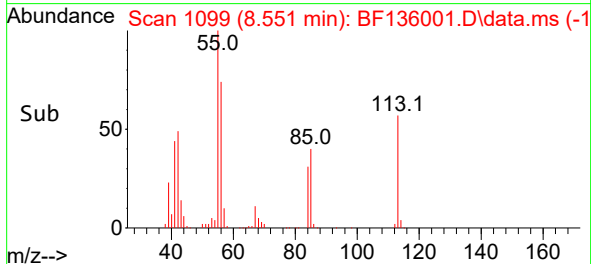
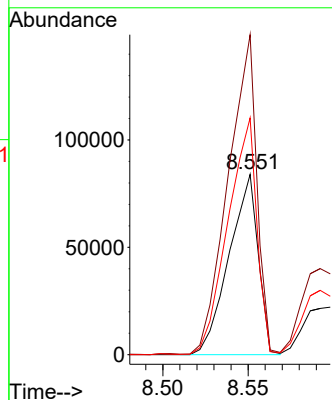
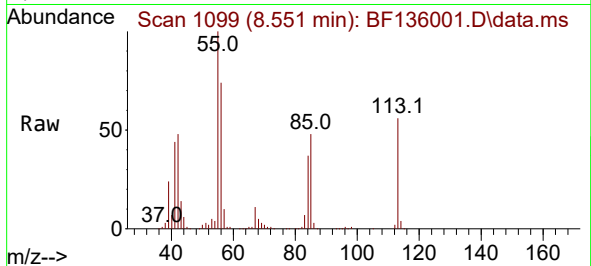




#35
 Caprolactam
 Concen: 37.749 ng
 RT: 8.551 min Scan# 1099
 Delta R.T. 0.000 min
 Lab File: BF136001.D
 Acq: 28 Oct 2023 12:56

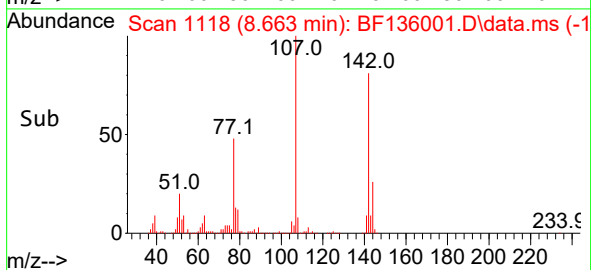
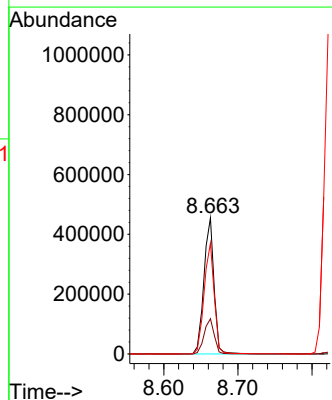
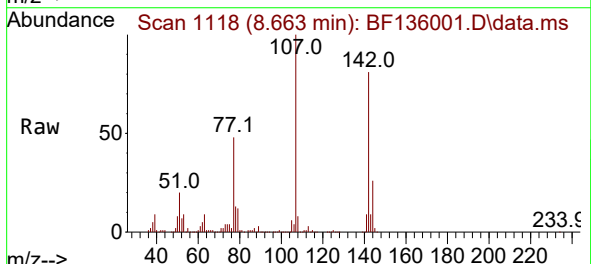
Instrument :
 BNA_F
 ClientSampleId :
 PB156435BS

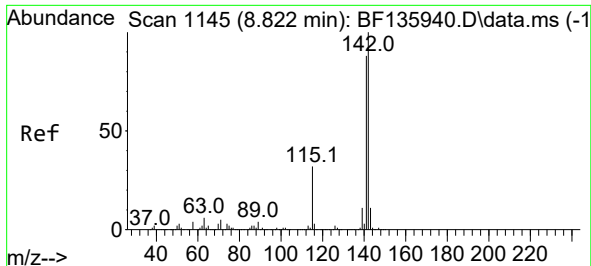
Tgt Ion:113 Resp: 99303
 Ion Ratio Lower Upper
 113 100
 55 177.4 165.4 205.4
 56 131.3 115.2 155.2



#36
 4-Chloro-3-methylphenol
 Concen: 51.537 ng
 RT: 8.663 min Scan# 1118
 Delta R.T. 0.012 min
 Lab File: BF136001.D
 Acq: 28 Oct 2023 12:56

Tgt Ion:107 Resp: 432945
 Ion Ratio Lower Upper
 107 100
 144 25.9 19.9 29.9
 142 81.5 62.8 94.2

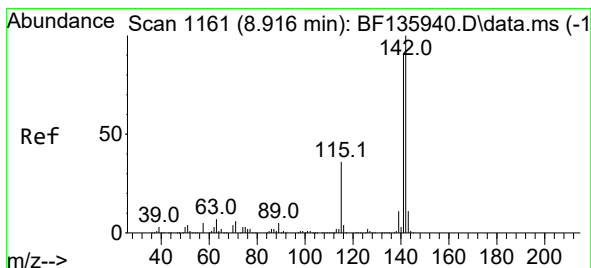
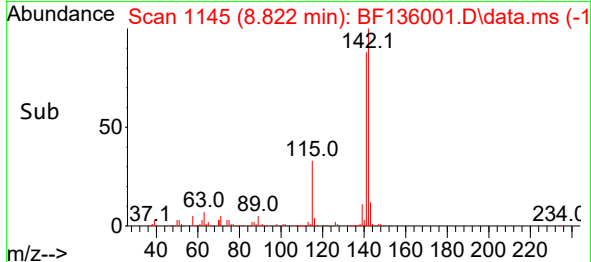
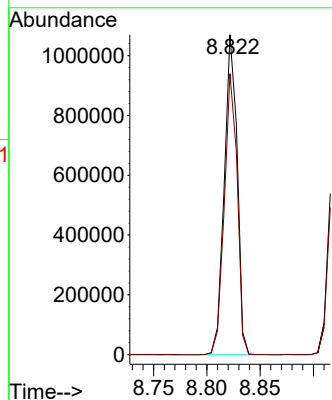
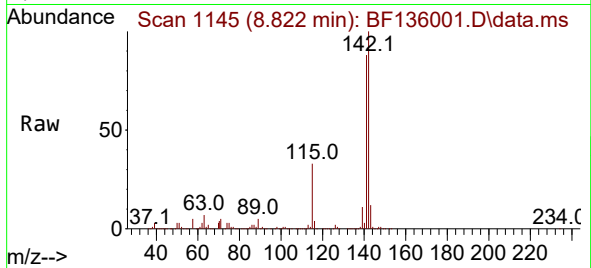




#37
2-Methylnaphthalene
Concen: 45.803 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

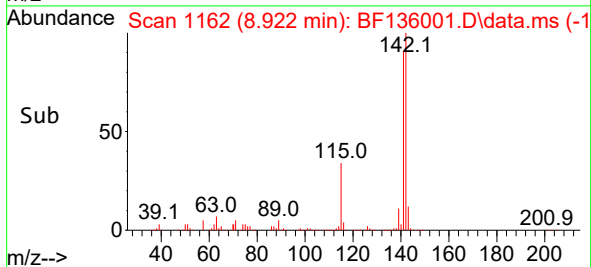
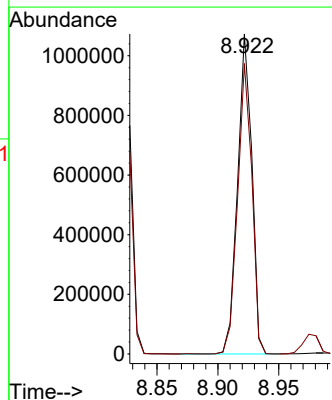
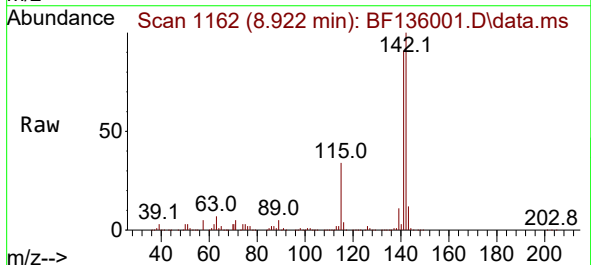
Instrument :
BNA_F
ClientSampleId :
PB156435BS

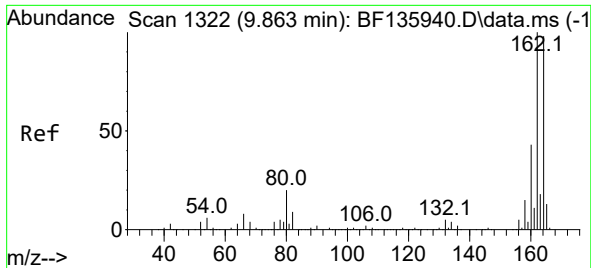
Tgt Ion:142 Resp: 897800
Ion Ratio Lower Upper
142 100
141 87.8 70.4 105.6



#38
1-Methylnaphthalene
Concen: 47.546 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:142 Resp: 870839
Ion Ratio Lower Upper
142 100
141 90.8 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1174

Delta R.T. 0.006 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

PB156435BS

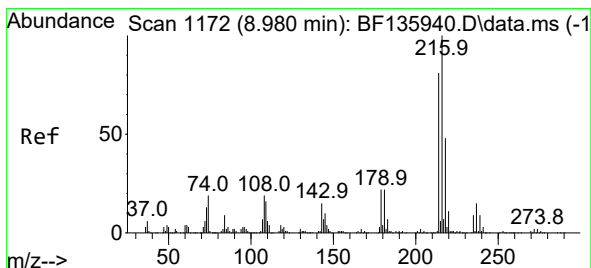
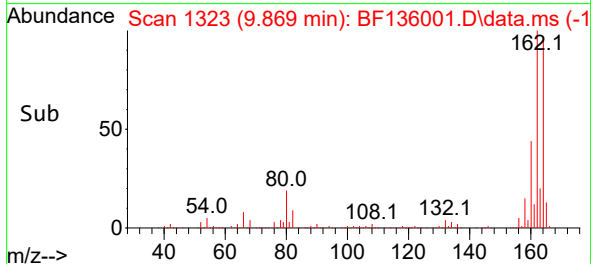
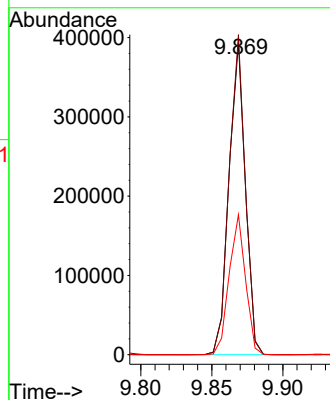
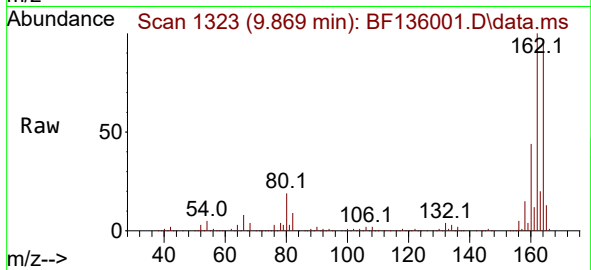
Tgt Ion:164 Resp: 315427

Ion Ratio Lower Upper

164 100

162 102.6 82.0 123.0

160 44.9 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.953 ng

RT: 8.992 min Scan# 1174

Delta R.T. 0.012 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

Tgt Ion:216 Resp: 427205

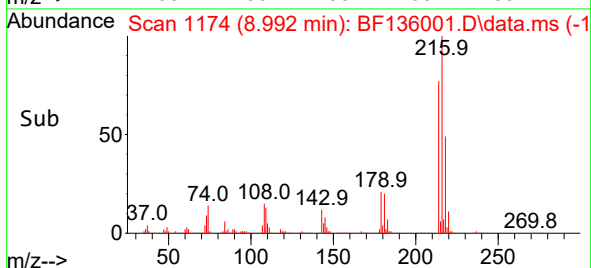
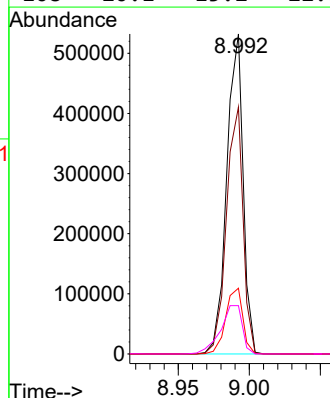
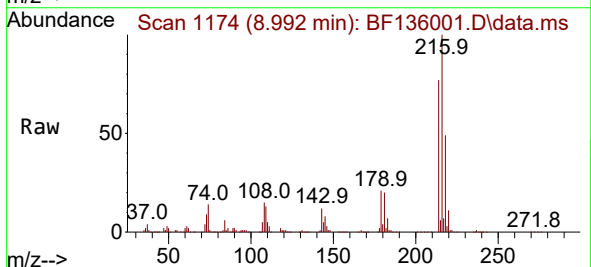
Ion Ratio Lower Upper

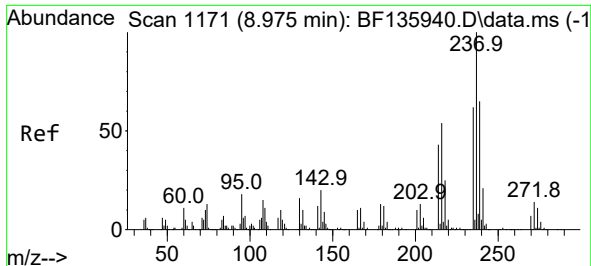
216 100

214 78.2 63.3 94.9

179 21.4 17.3 25.9

108 20.1 15.2 22.8

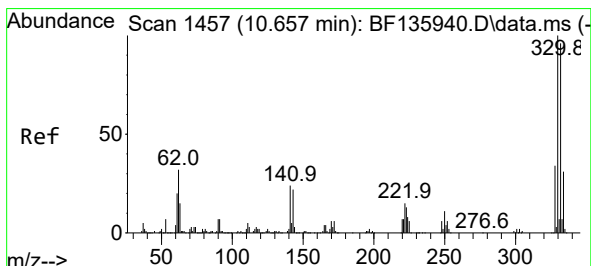
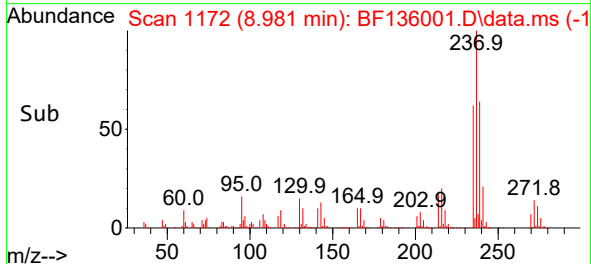
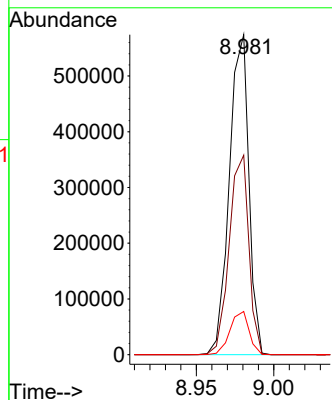
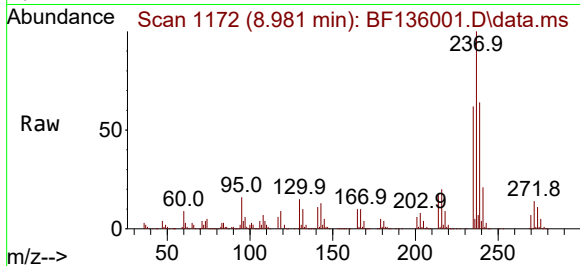




#41
 Hexachlorocyclopentadiene
 Concen: 114.270 ng
 RT: 8.981 min Scan# 1172
 Delta R.T. 0.006 min
 Lab File: BF136001.D
 Acq: 28 Oct 2023 12:56

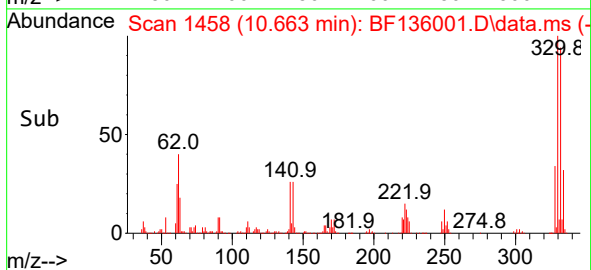
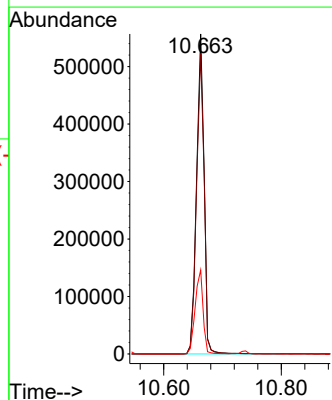
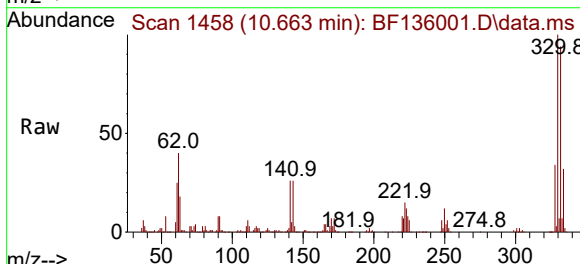
Instrument :
 BNA_F
 ClientSampleId :
 PB156435BS

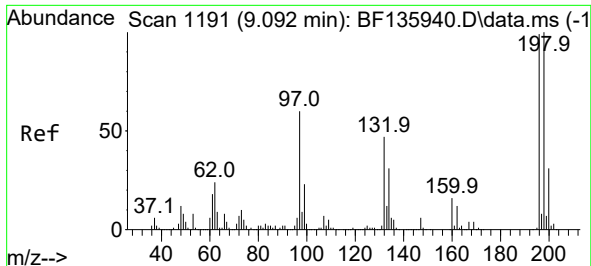
Tgt Ion:237 Resp: 501969
 Ion Ratio Lower Upper
 237 100
 235 62.4 41.7 81.7
 272 13.5 0.0 33.6



#42
 2,4,6-Tribromophenol
 Concen: 178.857 ng
 RT: 10.663 min Scan# 1458
 Delta R.T. 0.006 min
 Lab File: BF136001.D
 Acq: 28 Oct 2023 12:56

Tgt Ion:330 Resp: 493811
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.4 116.2
 141 27.7 24.9 37.3

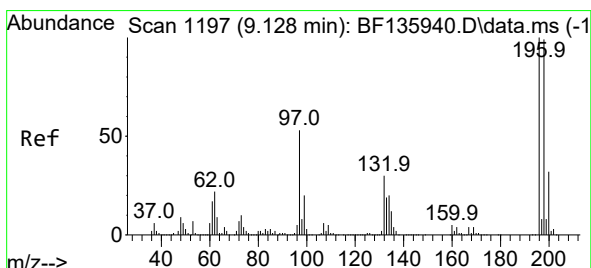
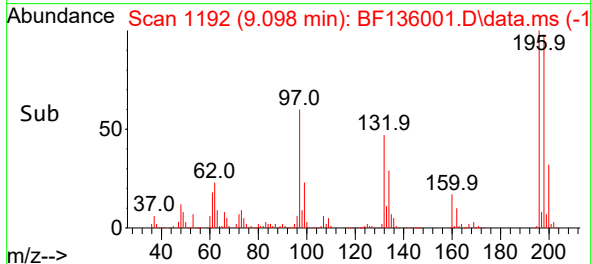
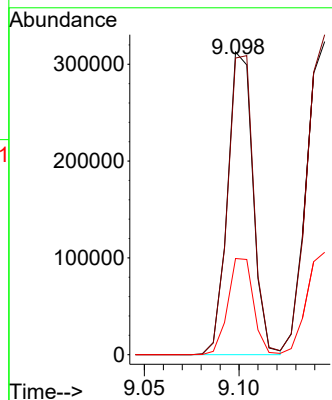
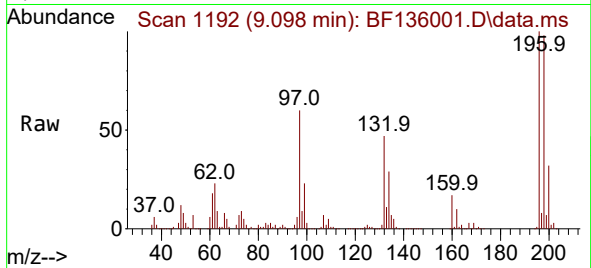




#43
 2,4,6-Trichlorophenol
 Concen: 55.914 ng
 RT: 9.098 min Scan# 1191
 Delta R.T. 0.006 min
 Lab File: BF136001.D
 Acq: 28 Oct 2023 12:56

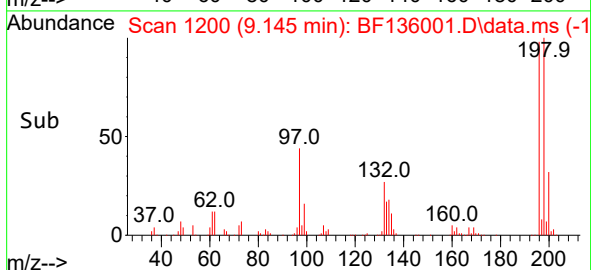
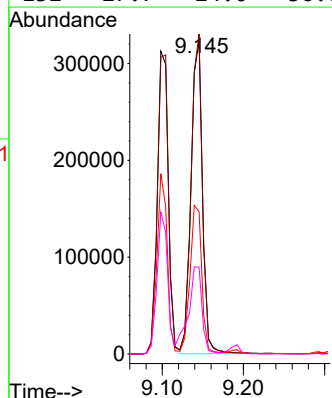
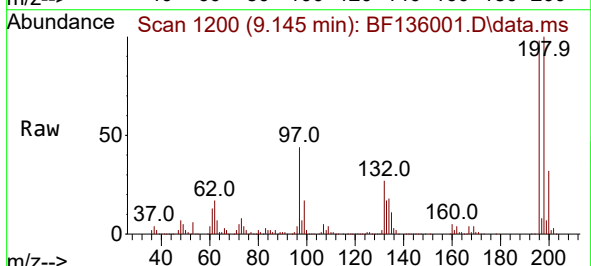
Instrument :
 BNA_F
 ClientSampleId :
 PB156435BS

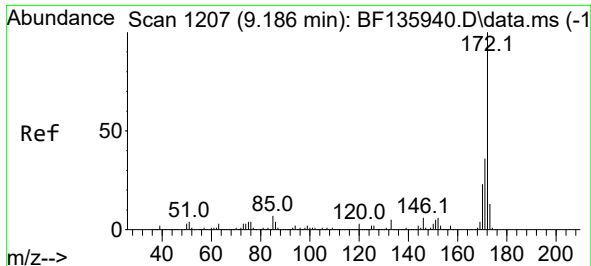
Tgt Ion:196 Resp: 291550
 Ion Ratio Lower Upper
 196 100
 198 98.0 81.0 121.4
 200 31.7 25.4 38.0



#44
 2,4,5-Trichlorophenol
 Concen: 51.240 ng
 RT: 9.145 min Scan# 1200
 Delta R.T. 0.018 min
 Lab File: BF136001.D
 Acq: 28 Oct 2023 12:56

Tgt Ion:196 Resp: 317227
 Ion Ratio Lower Upper
 196 100
 198 102.2 79.1 118.7
 97 45.5 42.3 63.5
 132 27.7 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 87.372 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

PB156435BS

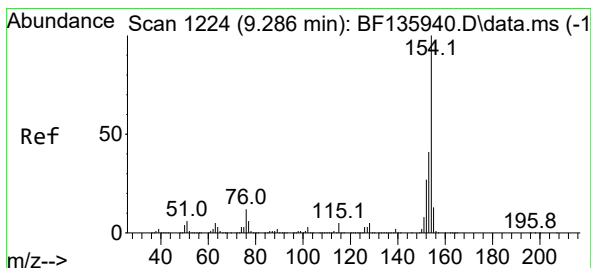
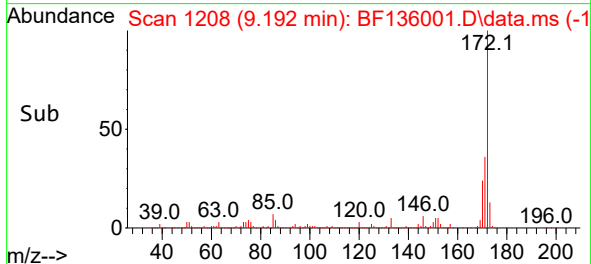
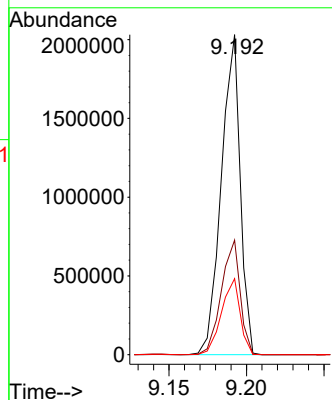
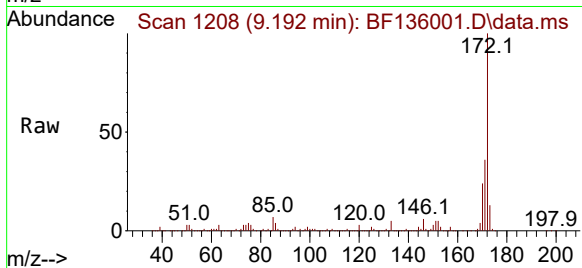
Tgt Ion:172 Resp: 1721131

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.7 18.6 28.0



#46

1,1'-Biphenyl

Concen: 47.725 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.006 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

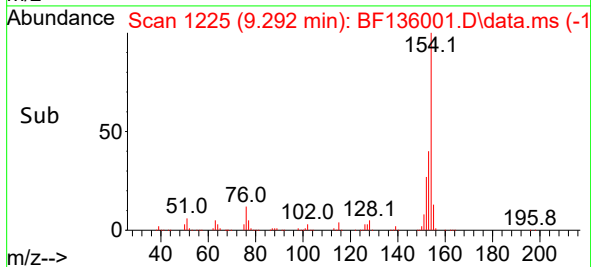
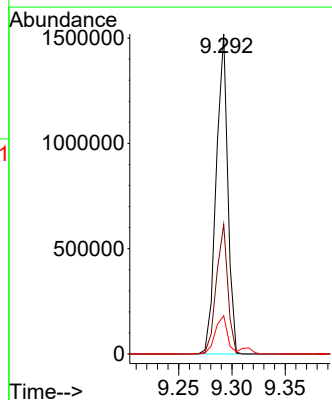
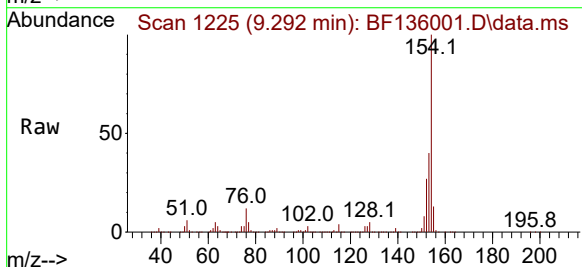
Tgt Ion:154 Resp: 1140675

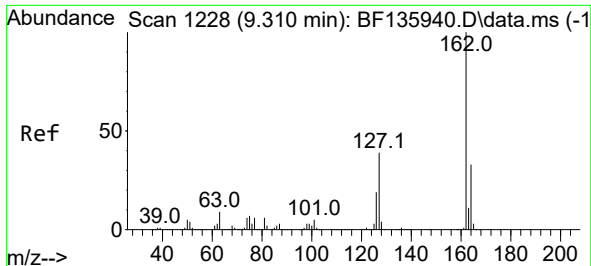
Ion Ratio Lower Upper

154 100

153 40.5 20.7 60.7

76 12.0 0.0 32.4





#47

2-Chloronaphthalene

Concen: 49.417 ng

RT: 9.316 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

PB156435BS

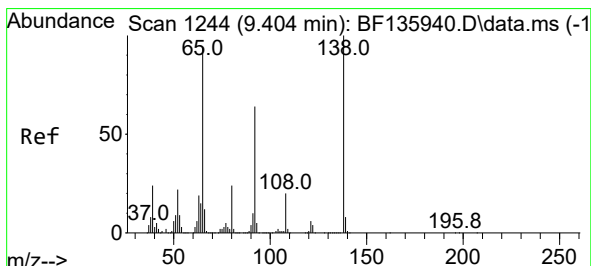
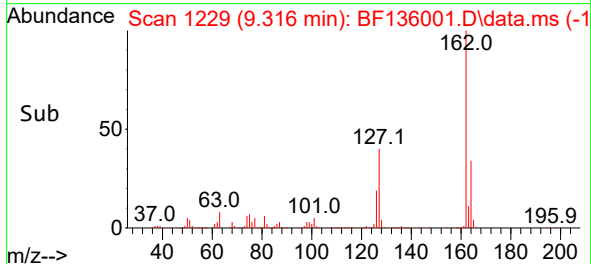
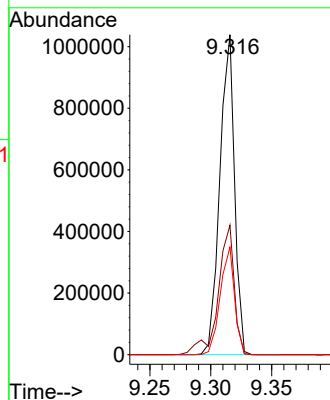
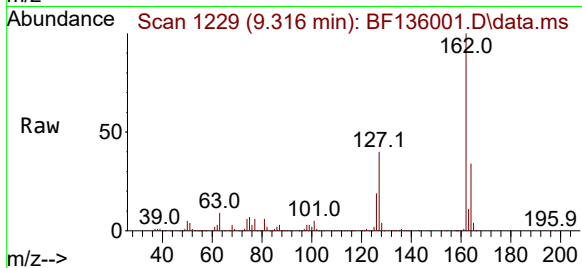
Tgt Ion:162 Resp: 873632

Ion Ratio Lower Upper

162 100

127 40.4 31.0 46.4

164 33.6 26.6 39.8



#48

2-Nitroaniline

Concen: 53.432 ng

RT: 9.410 min Scan# 1245

Delta R.T. 0.006 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

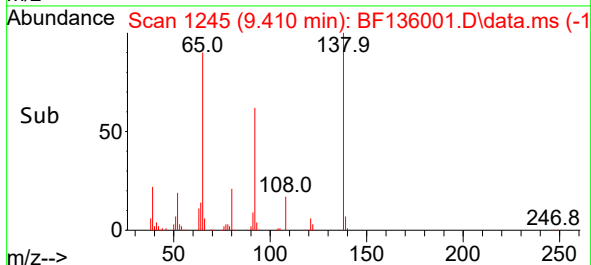
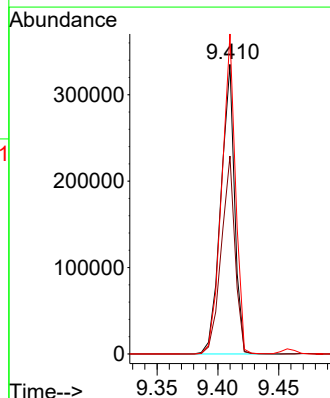
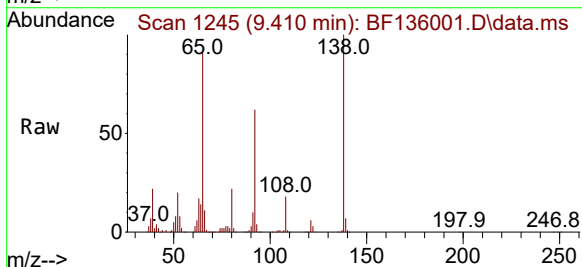
Tgt Ion: 65 Resp: 264846

Ion Ratio Lower Upper

65 100

92 68.3 54.9 82.3

138 110.5 85.2 127.8

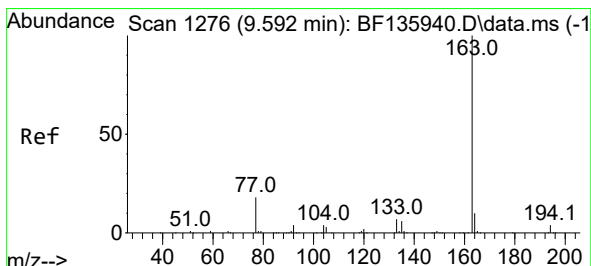
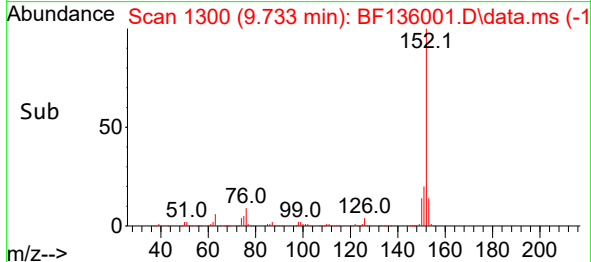
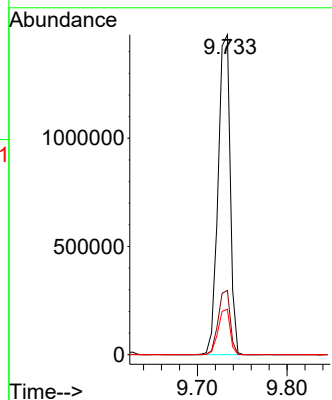
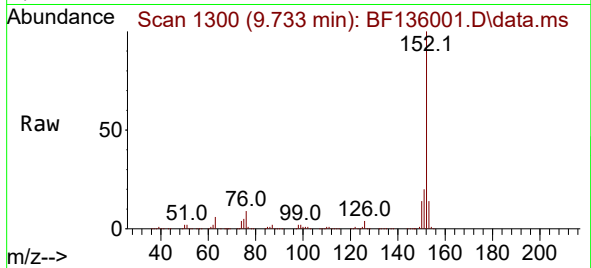




#49
Acenaphthylene
Concen: 49.707 ng
RT: 9.733 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

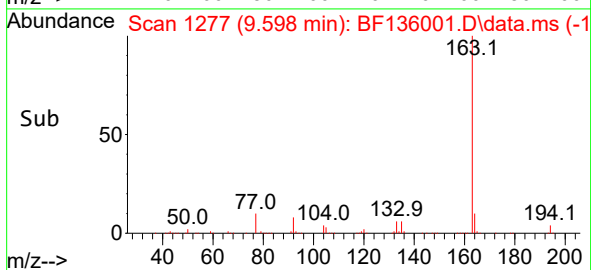
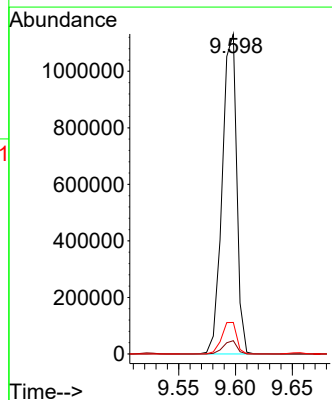
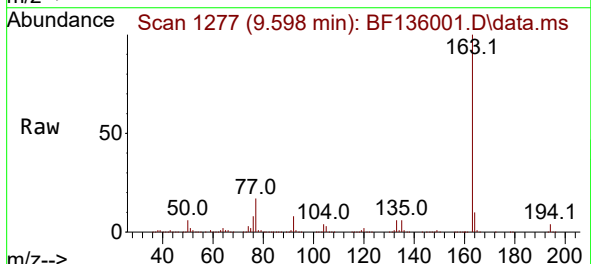
Instrument :
BNA_F
ClientSampleId :
PB156435BS

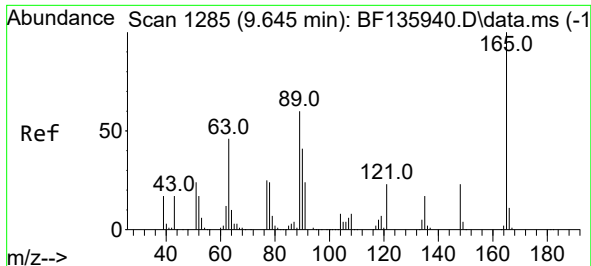
Tgt Ion:152 Resp: 1386311
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 14.2 11.0 16.6



#50
Dimethylphthalate
Concen: 49.128 ng
RT: 9.598 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:163 Resp: 1004920
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.9 8.3 12.5

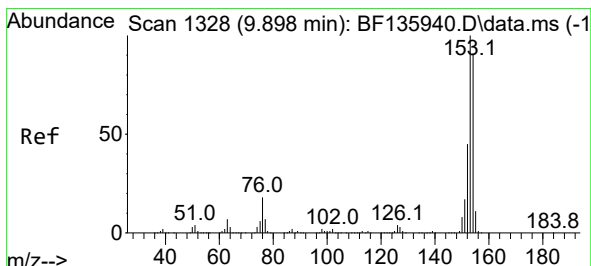
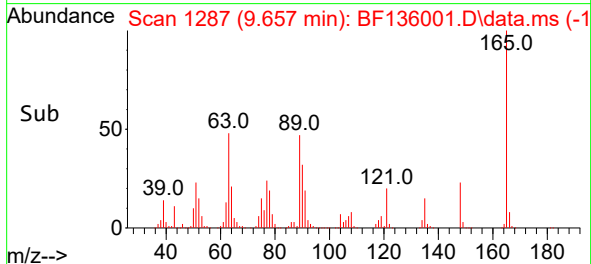
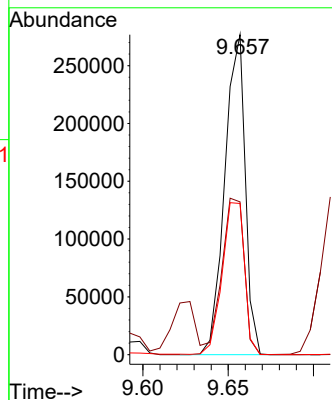
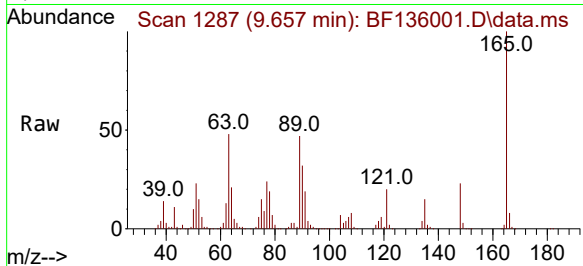




#51
2,6-Dinitrotoluene
Concen: 53.862 ng
RT: 9.657 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

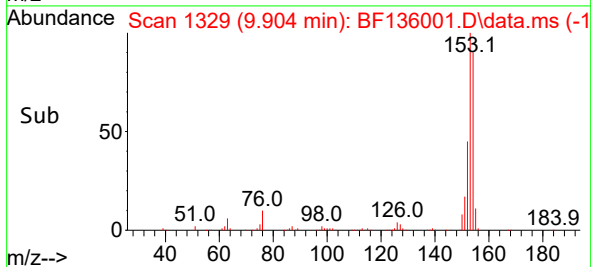
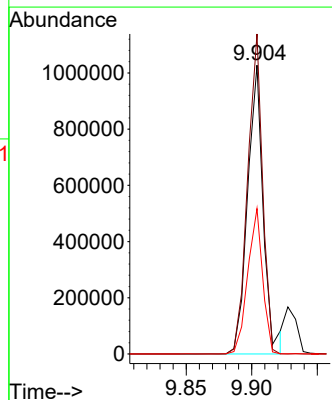
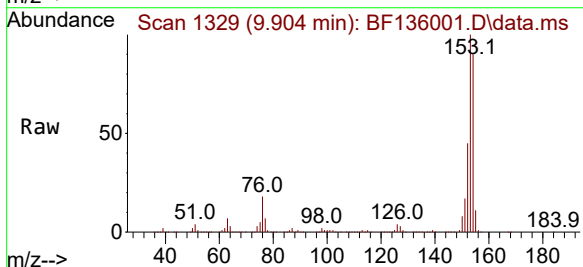
Instrument :
BNA_F
ClientSampleId :
PB156435BS

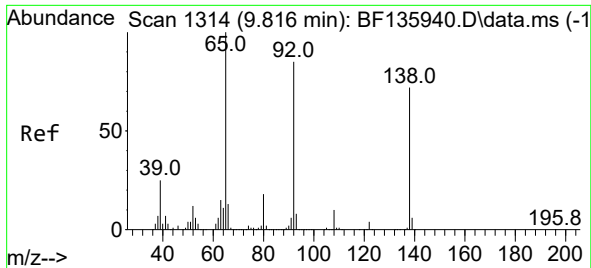
Tgt Ion:165 Resp: 231213
Ion Ratio Lower Upper
165 100
63 47.8 51.7 77.5#
89 47.2 48.3 72.5#



#52
Acenaphthene
Concen: 47.855 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:154 Resp: 855346
Ion Ratio Lower Upper
154 100
153 110.8 88.0 132.0
152 50.4 39.4 59.2

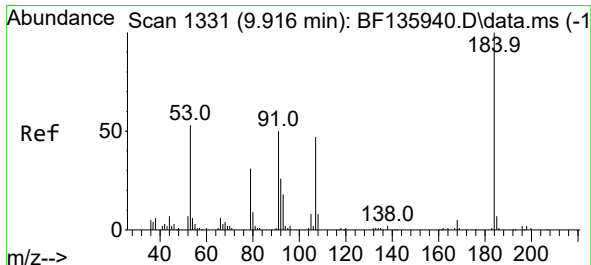
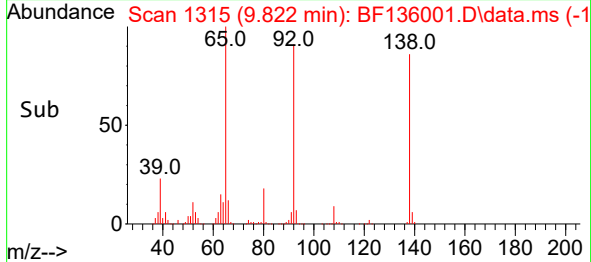
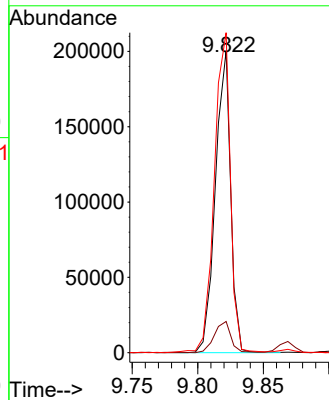
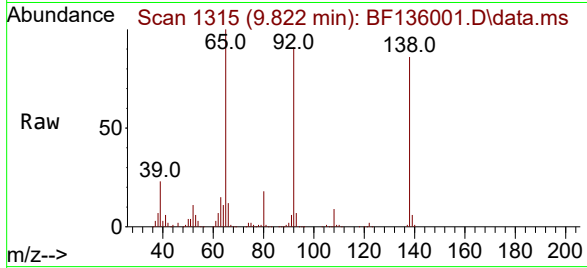




#53
3-Nitroaniline
Concen: 33.442 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

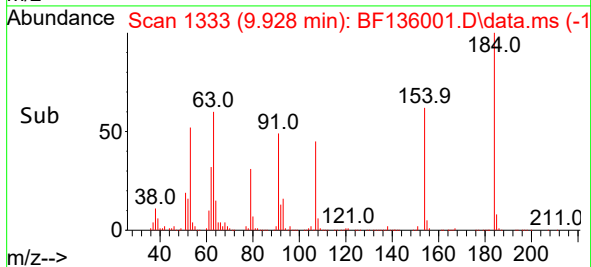
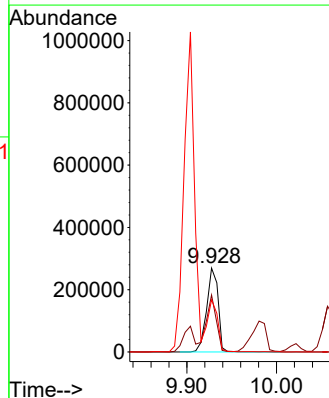
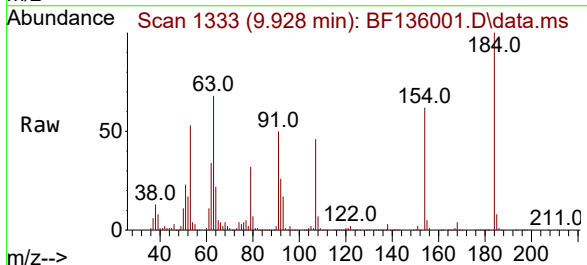
Instrument :
BNA_F
ClientSampleId :
PB156435BS

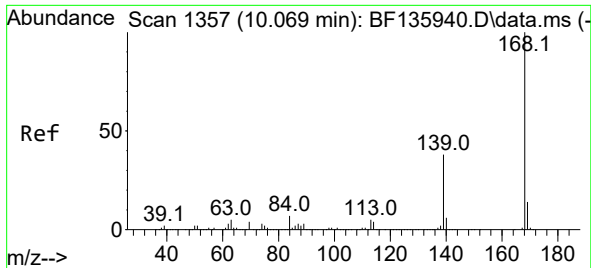
Tgt Ion:138 Resp: 161936
Ion Ratio Lower Upper
138 100
108 10.3 11.3 16.9#
92 106.0 95.0 142.6



#54
2,4-Dinitrophenol
Concen: 110.582 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.012 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:184 Resp: 238354
Ion Ratio Lower Upper
184 100
63 68.0 56.3 84.5
154 62.2 48.1 72.1

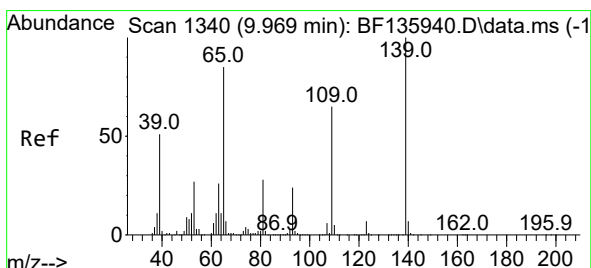
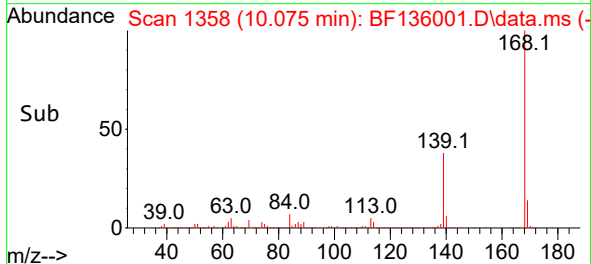
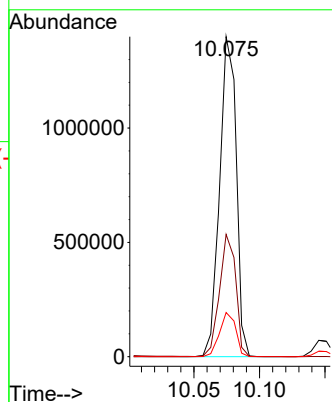
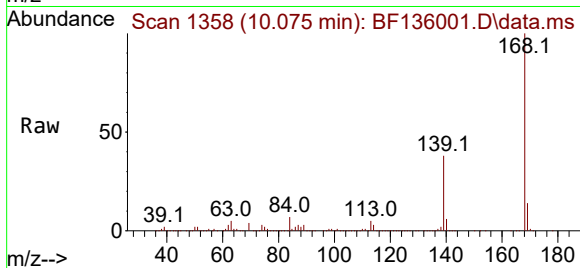




#55
Dibenzenofuran
Concen: 47.657 ng
RT: 10.075 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

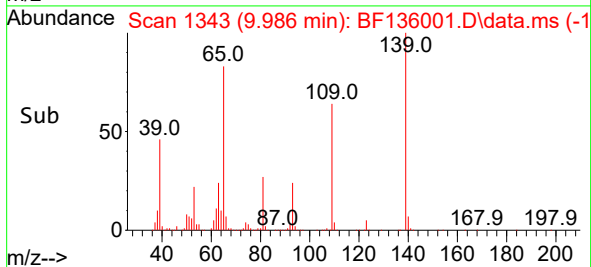
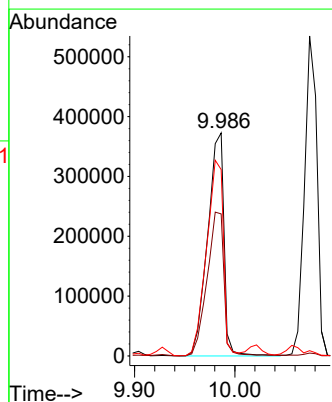
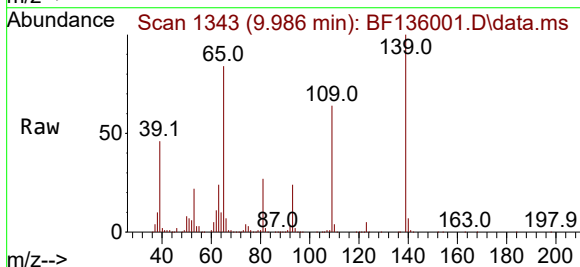
Instrument :
BNA_F
ClientSampleId :
PB156435BS

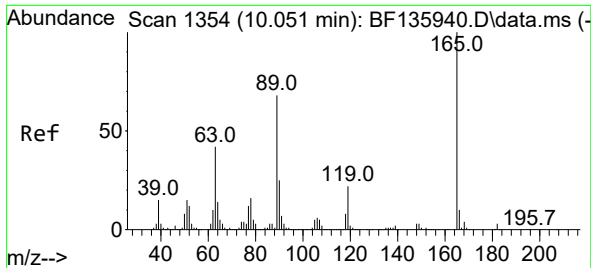
Tgt Ion:168 Resp: 1230563
Ion Ratio Lower Upper
168 100
139 38.2 30.7 46.1
169 13.8 11.1 16.7



#56
4-Nitrophenol
Concen: 101.139 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.017 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:139 Resp: 424658
Ion Ratio Lower Upper
139 100
109 63.7 45.2 85.2
65 83.6 65.1 105.1

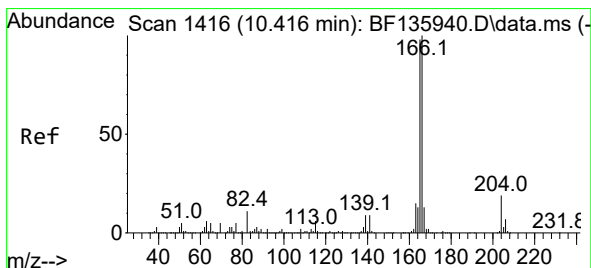
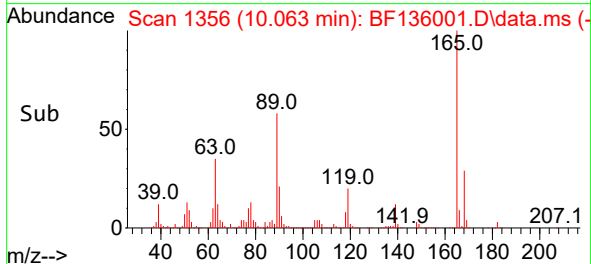
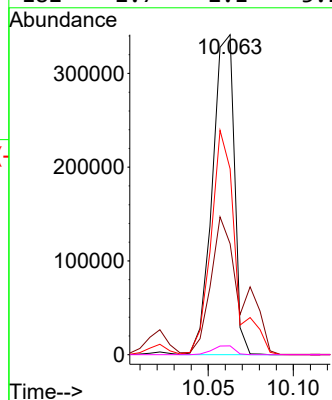
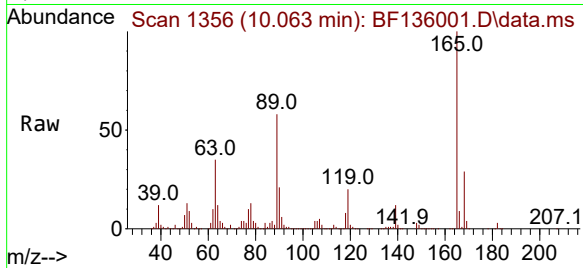




#57
2,4-Dinitrotoluene
Concen: 57.033 ng
RT: 10.063 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

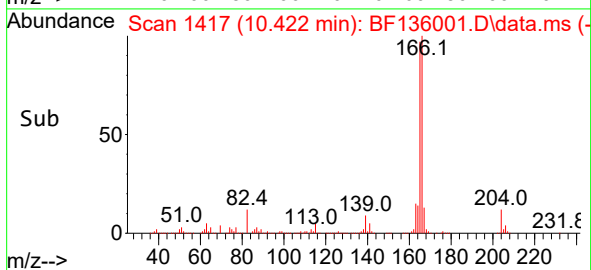
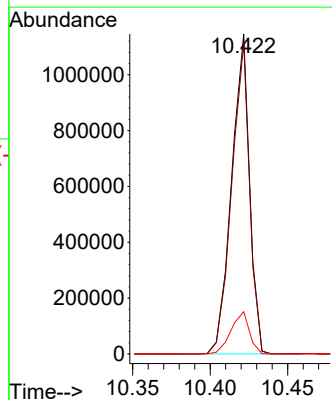
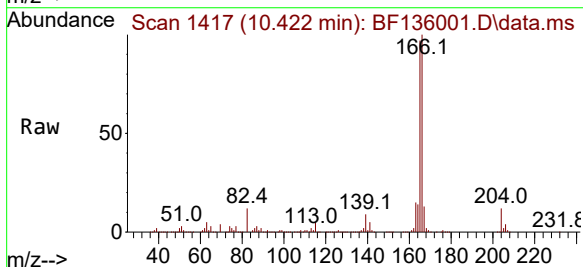
Instrument :
BNA_F
ClientSampleId :
PB156435BS

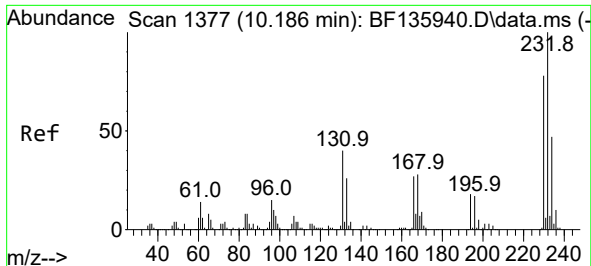
Tgt Ion:165 Resp: 305931
Ion Ratio Lower Upper
165 100
63 34.6 33.7 50.5
89 58.1 54.6 81.8
182 2.7 2.1 3.1



#58
Fluorene
Concen: 47.843 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:166 Resp: 924249
Ion Ratio Lower Upper
166 100
165 97.2 78.0 117.0
167 13.2 10.6 16.0

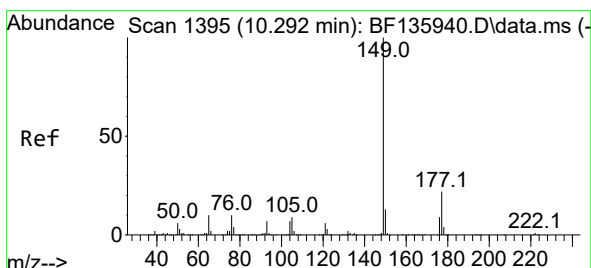
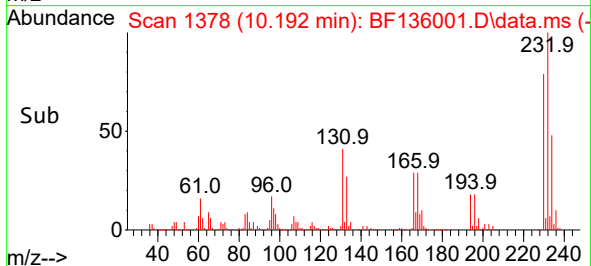
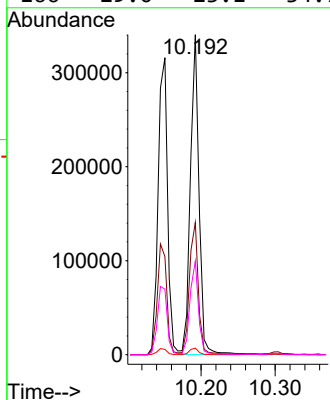
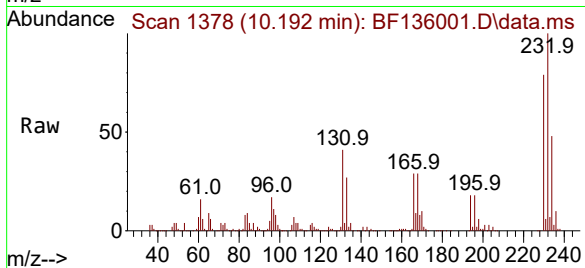




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.434 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

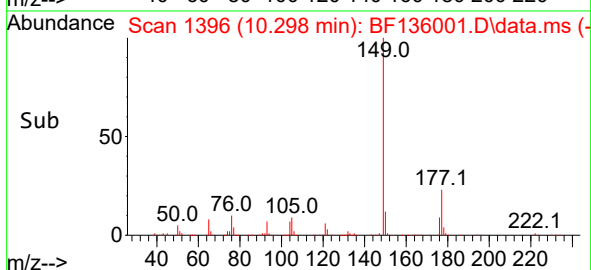
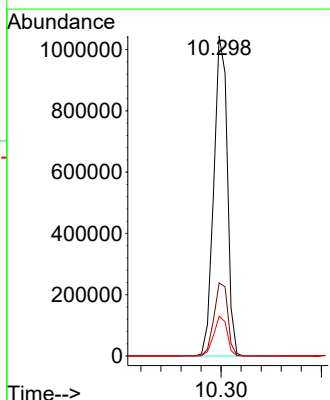
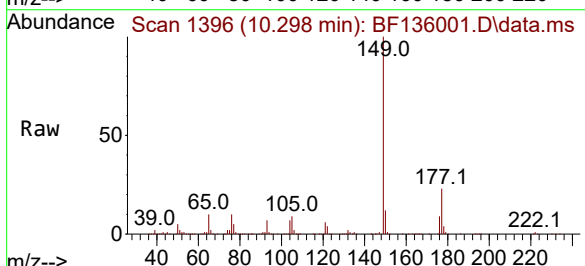
Instrument :
BNA_F
ClientSampleId :
PB156435BS

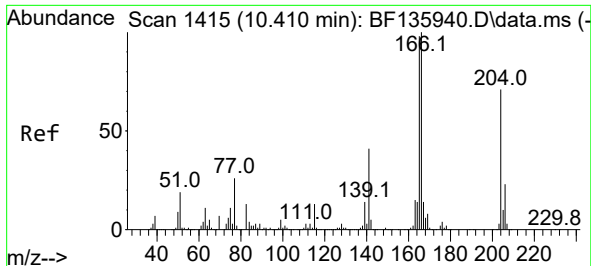
Tgt Ion:232 Resp: 276882
Ion Ratio Lower Upper
232 100
131 42.5 35.2 52.8
130 2.1 1.7 2.5
166 29.0 23.1 34.7



#60
Diethylphthalate
Concen: 49.900 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:149 Resp: 973339
Ion Ratio Lower Upper
149 100
177 22.8 17.9 26.9
150 12.4 10.2 15.2

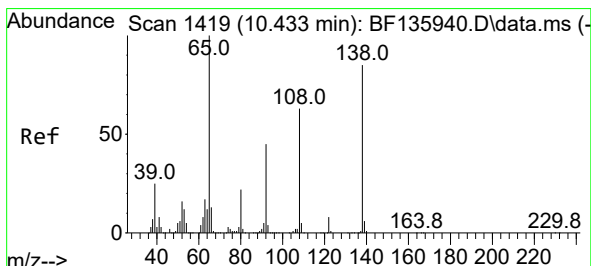
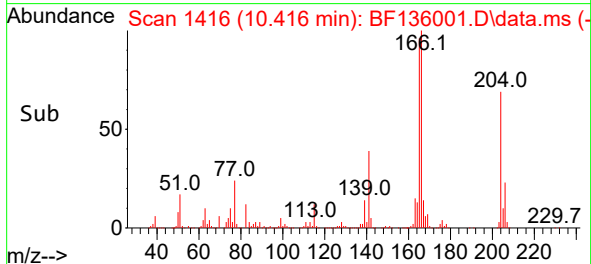
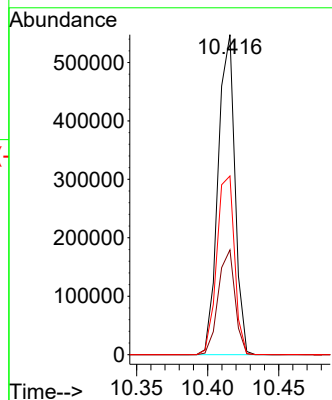
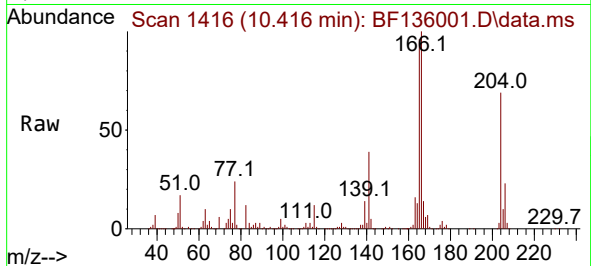




#61
4-Chlorophenyl-phenylether
Concen: 48.440 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

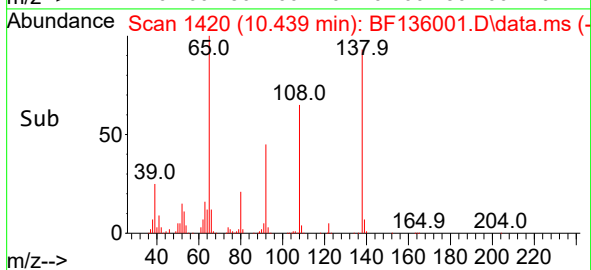
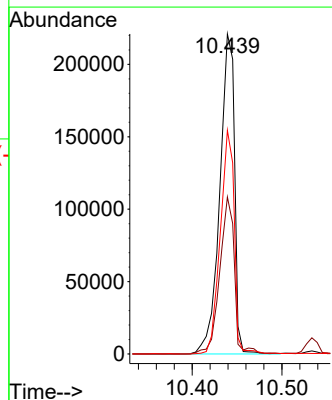
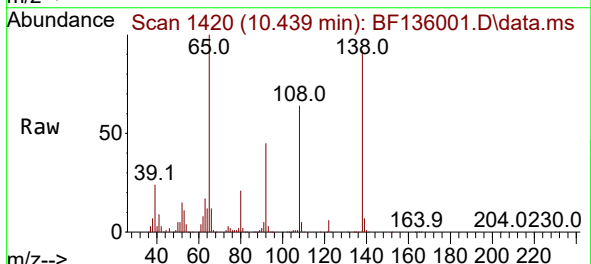
Instrument :
BNA_F
ClientSampleId :
PB156435BS

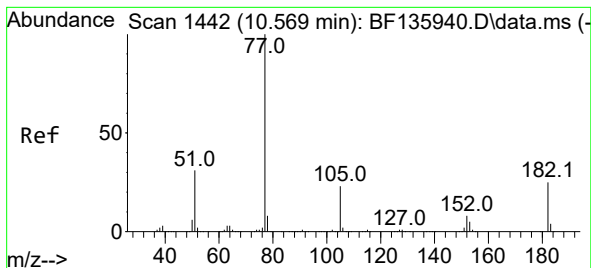
Tgt Ion:204 Resp: 451398
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 55.8 46.2 69.2



#62
4-Nitroaniline
Concen: 50.017 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:138 Resp: 252390
Ion Ratio Lower Upper
138 100
92 49.0 32.9 72.9
108 69.9 53.5 93.5





#63

Azobenzene

Concen: 47.586 ng

RT: 10.575 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

PB156435BS

Tgt Ion: 77 Resp: 941966

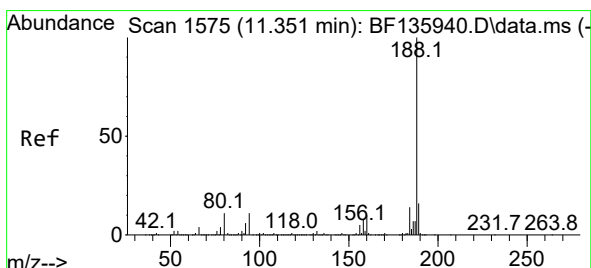
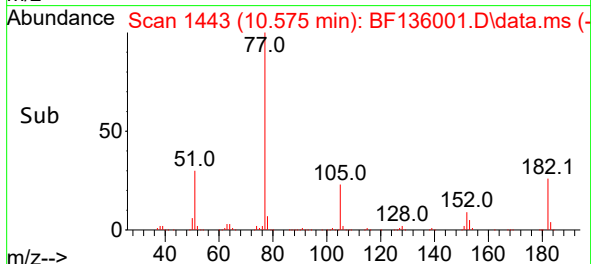
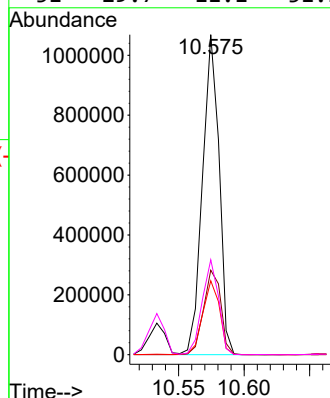
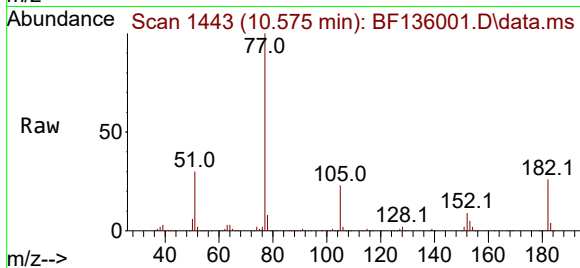
Ion Ratio Lower Upper

77 100

182 26.4 5.1 45.1

105 23.1 2.8 42.8

51 29.7 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. 0.006 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

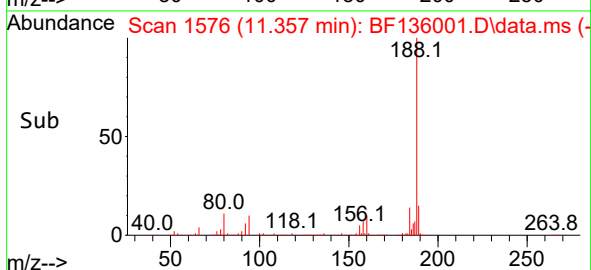
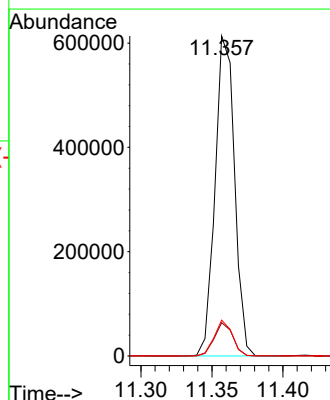
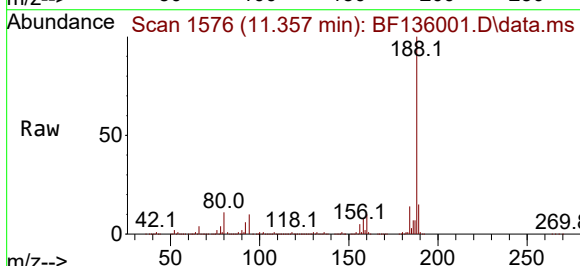
Tgt Ion: 188 Resp: 584248

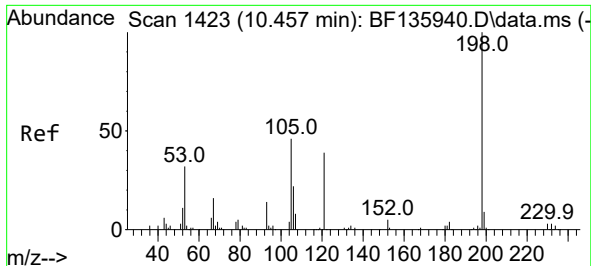
Ion Ratio Lower Upper

188 100

94 10.4 8.6 13.0

80 11.2 9.0 13.6

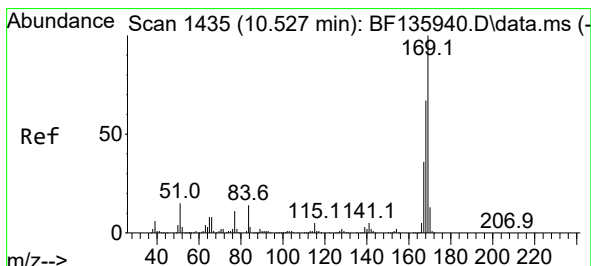
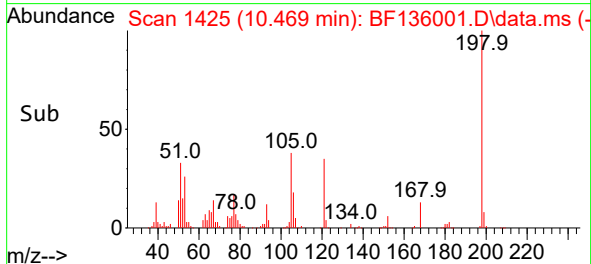
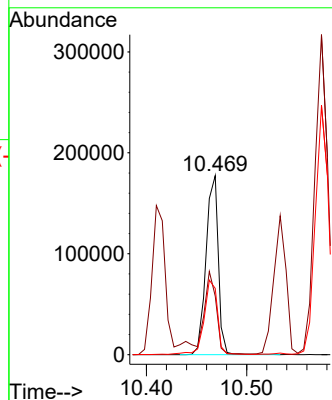
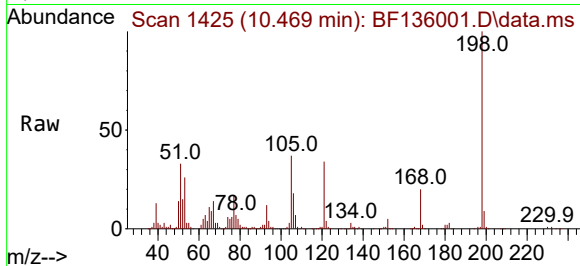




#65
4,6-Dinitro-2-methylphenol
Concen: 66.610 ng
RT: 10.469 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

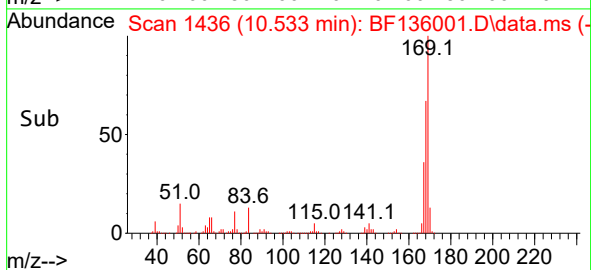
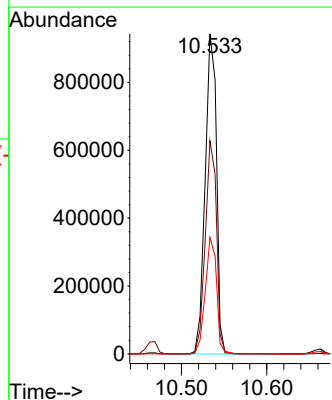
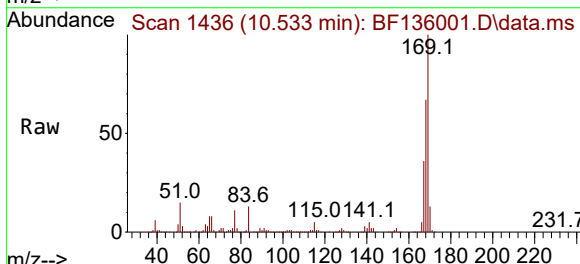
Instrument :
BNA_F
ClientSampleId :
PB156435BS

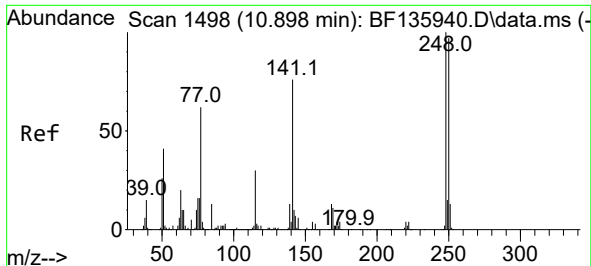
Tgt Ion:198 Resp: 151281
Ion Ratio Lower Upper
198 100
51 32.7 28.7 68.7
105 37.0 27.2 67.2



#66
n-Nitrosodiphenylamine
Concen: 49.162 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:169 Resp: 867725
Ion Ratio Lower Upper
169 100
168 66.6 53.5 80.3
167 36.4 29.0 43.4

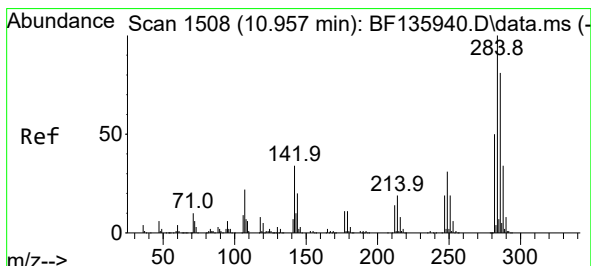
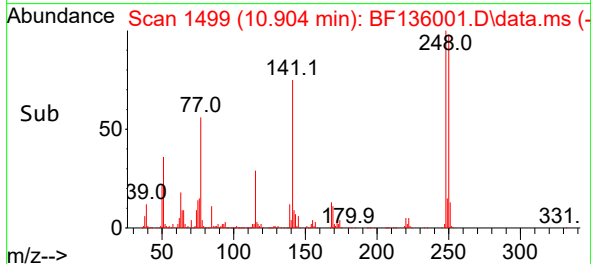
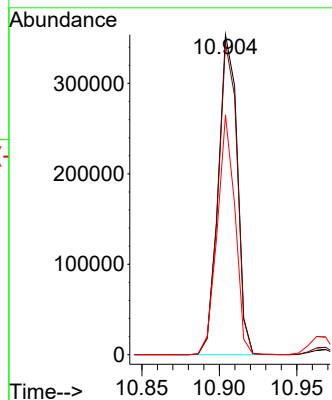
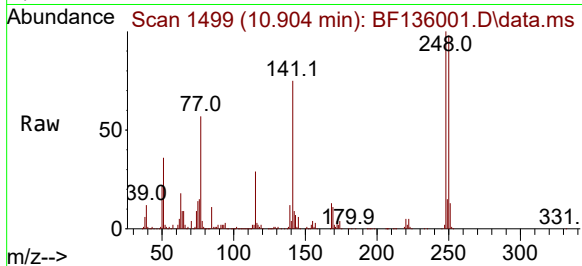




#67
4-Bromophenyl-phenylether
Concen: 50.605 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

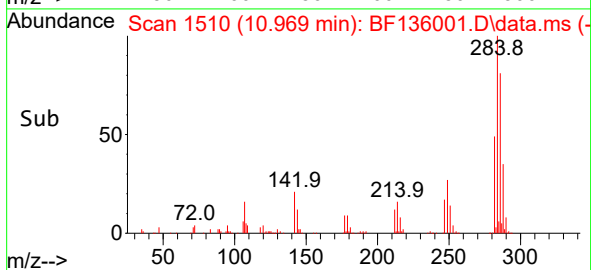
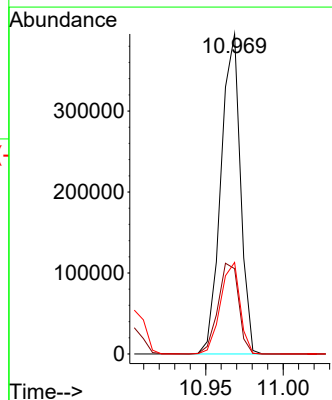
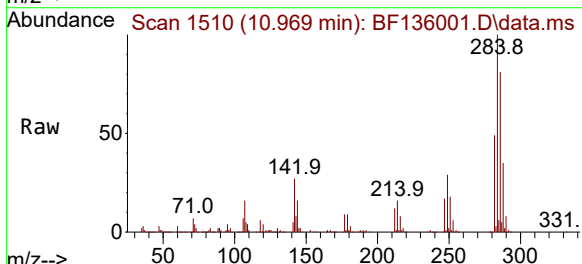
Instrument :
BNA_F
ClientSampleId :
PB156435BS

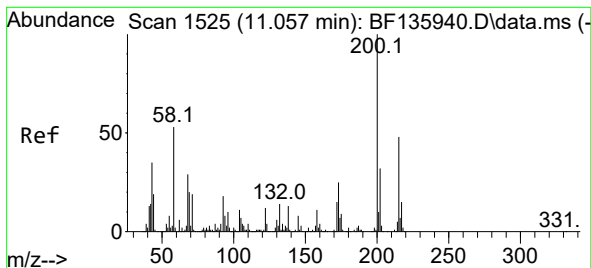
Tgt Ion:248 Resp: 302786
Ion Ratio Lower Upper
248 100
250 97.5 77.9 116.9
141 74.9 60.8 91.2



#68
Hexachlorobenzene
Concen: 53.994 ng
RT: 10.969 min Scan# 1510
Delta R.T. 0.012 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:284 Resp: 345114
Ion Ratio Lower Upper
284 100
142 26.6 27.6 41.4#
249 28.6 24.7 37.1





#69

Atrazine

Concen: 60.441 ng

RT: 11.069 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

PB156435BS

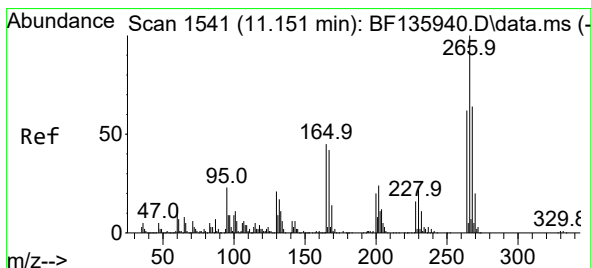
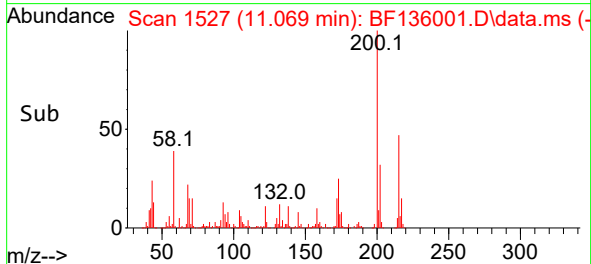
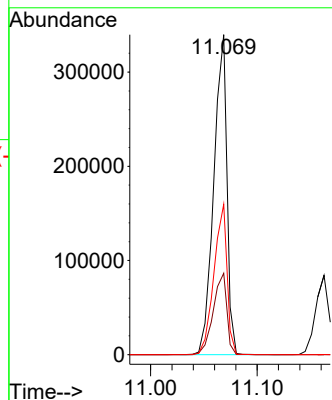
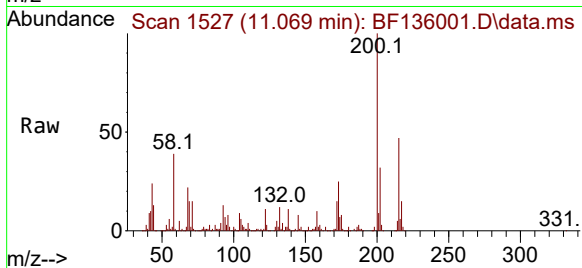
Tgt Ion:200 Resp: 290817

Ion Ratio Lower Upper

200 100

173 25.5 5.5 45.5

215 47.0 27.5 67.5



#70

Pentachlorophenol

Concen: 102.049 ng

RT: 11.163 min Scan# 1543

Delta R.T. 0.012 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

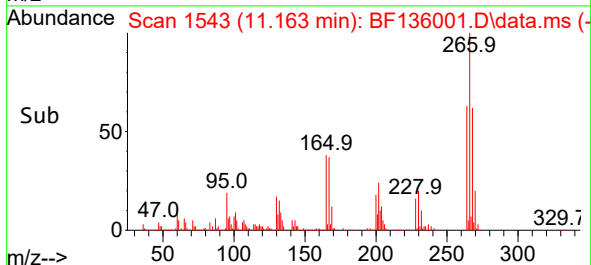
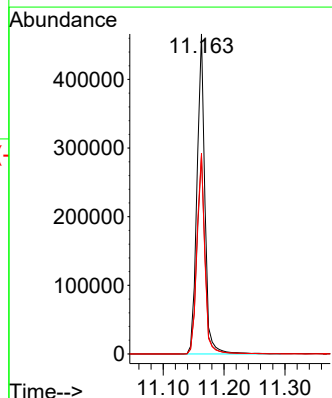
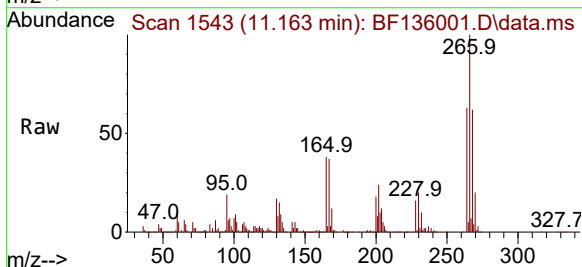
Tgt Ion:266 Resp: 418534

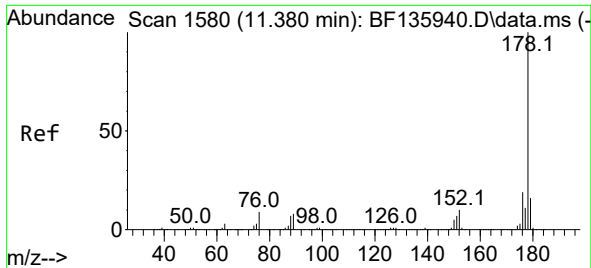
Ion Ratio Lower Upper

266 100

268 62.0 50.8 76.2

264 62.6 49.8 74.6

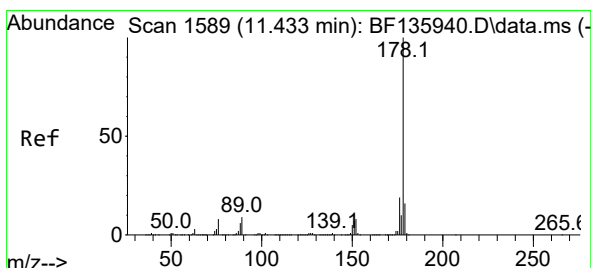
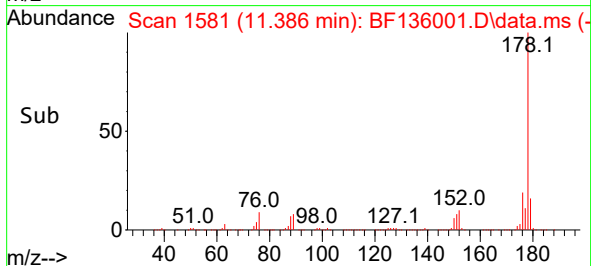
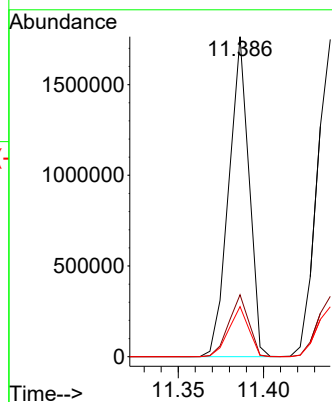
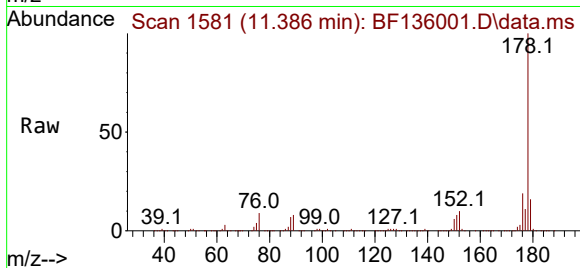




#71
Phenanthrene
Concen: 49.195 ng
RT: 11.386 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

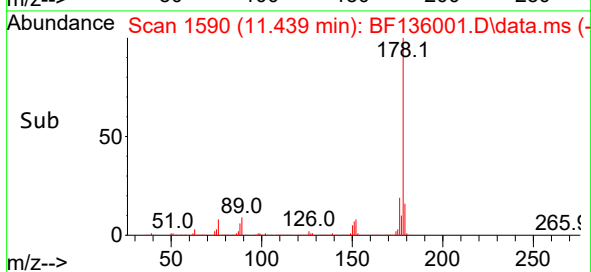
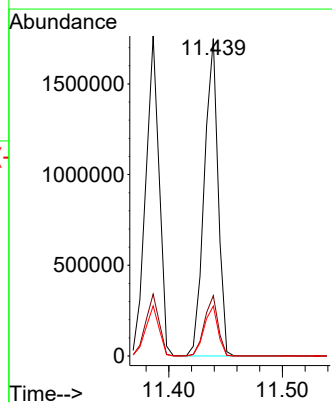
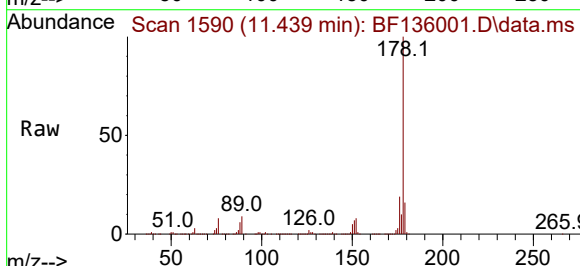
Instrument :
BNA_F
ClientSampleId :
PB156435BS

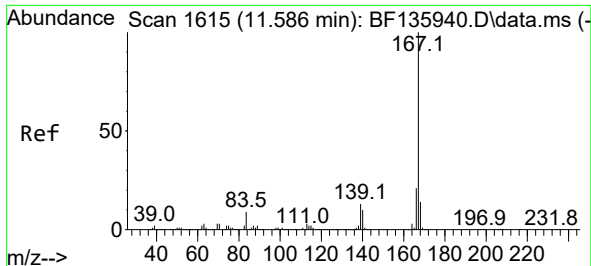
Tgt Ion:178 Resp: 1454150
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.7 12.5 18.7



#72
Anthracene
Concen: 48.596 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:178 Resp: 1470788
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.7 12.5 18.7

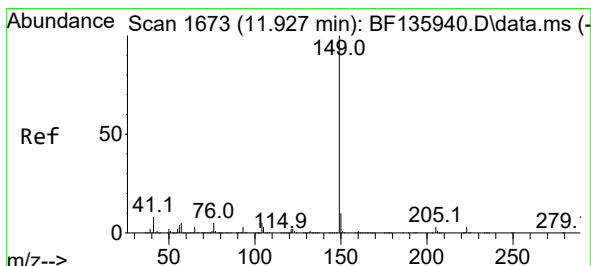
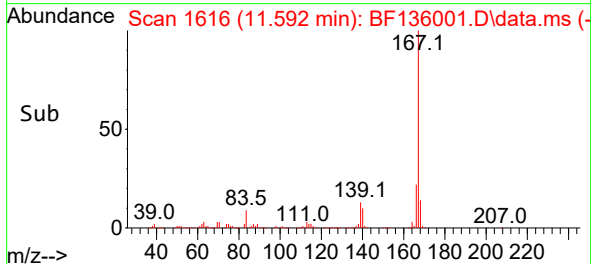
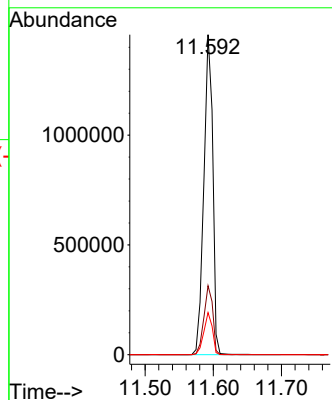
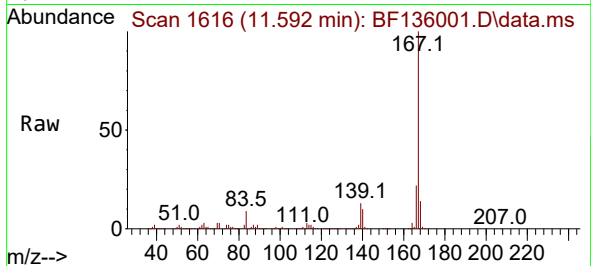




#73
 Carbazole
 Concen: 49.160 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. 0.006 min
 Lab File: BF136001.D
 Acq: 28 Oct 2023 12:56

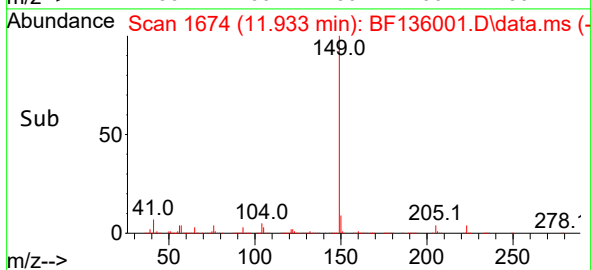
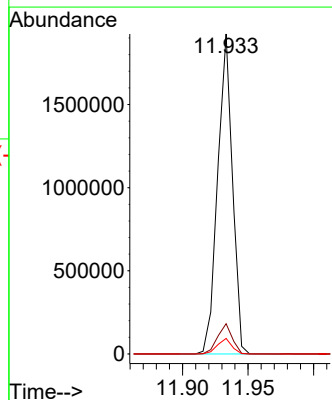
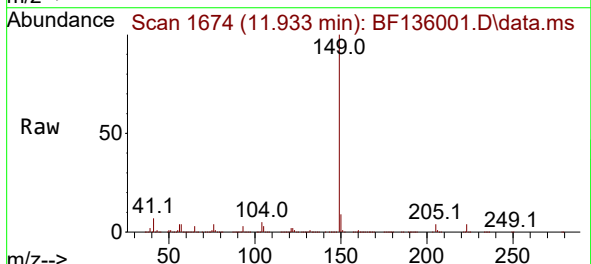
Instrument :
 BNA_F
 ClientSampleId :
 PB156435BS

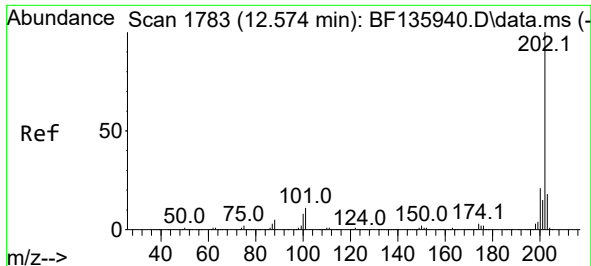
Tgt Ion:167 Resp: 1327256
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 13.2 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 52.525 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. 0.006 min
 Lab File: BF136001.D
 Acq: 28 Oct 2023 12:56

Tgt Ion:149 Resp: 1509022
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.8 3.9 5.9

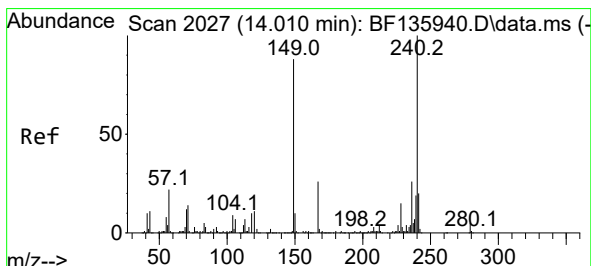
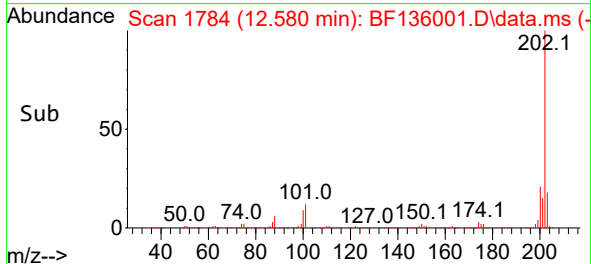
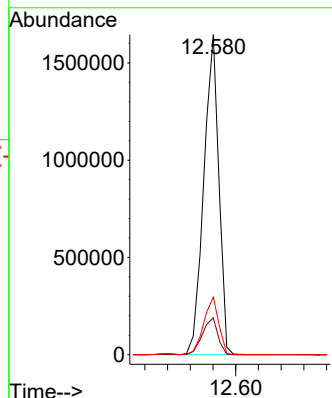
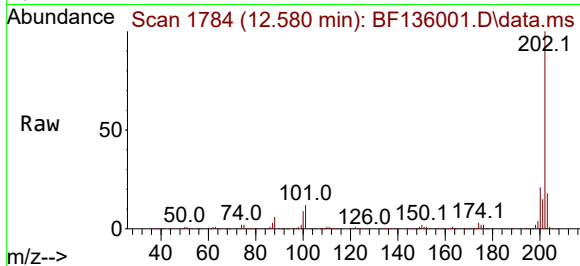




#75
Fluoranthene
Concen: 48.399 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

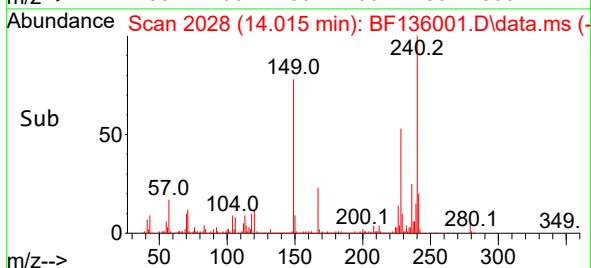
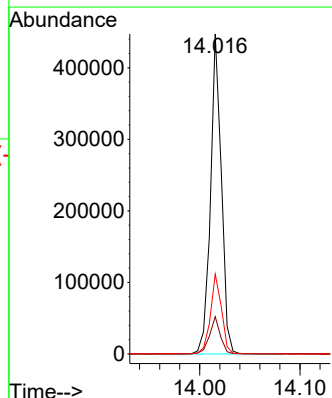
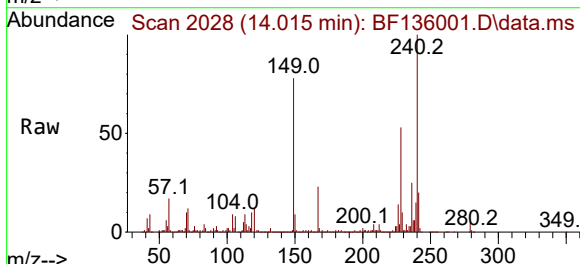
Instrument :
BNA_F
ClientSampleId :
PB156435BS

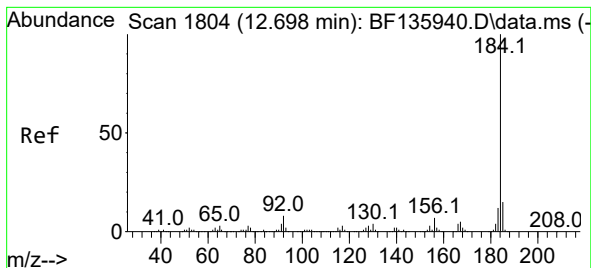
Tgt Ion:202 Resp: 1505077
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.6
203 18.0 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:240 Resp: 335594
Ion Ratio Lower Upper
240 100
120 11.6 8.6 13.0
236 24.9 20.6 30.8





#77

Benzidine

Concen: 57.275 ng

RT: 12.704 min Scan# 1805

Delta R.T. 0.006 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

PB156435BS

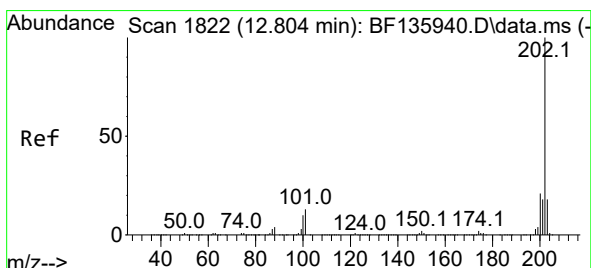
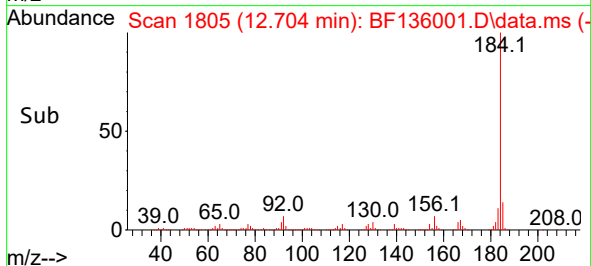
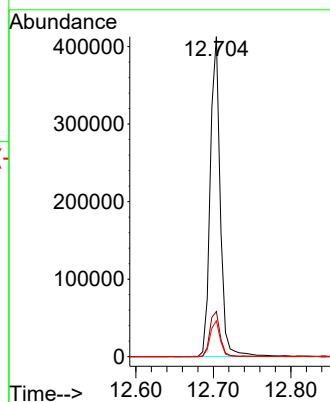
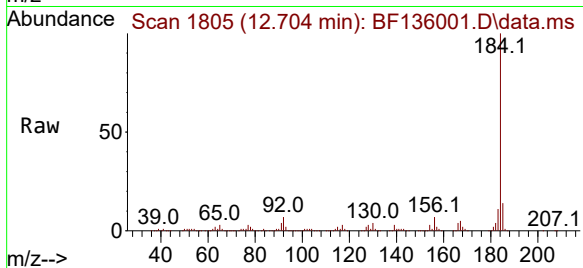
Tgt Ion:184 Resp: 370628

Ion Ratio Lower Upper

184 100

185 14.1 11.7 17.5

183 11.2 9.2 13.8



#78

Pyrene

Concen: 54.482 ng

RT: 12.810 min Scan# 1823

Delta R.T. 0.006 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

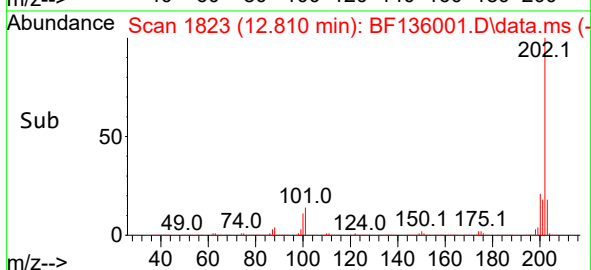
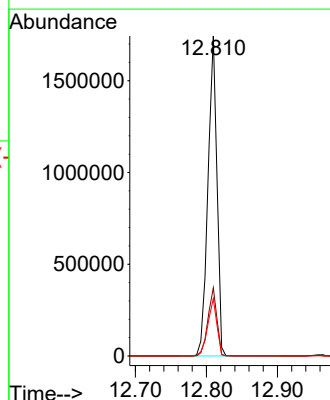
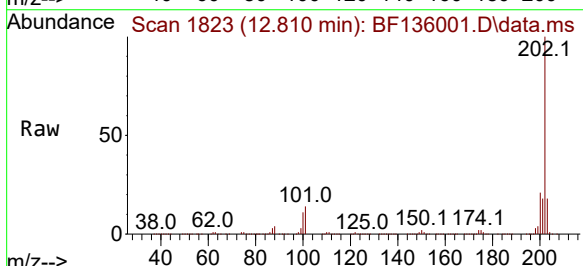
Tgt Ion:202 Resp: 1535189

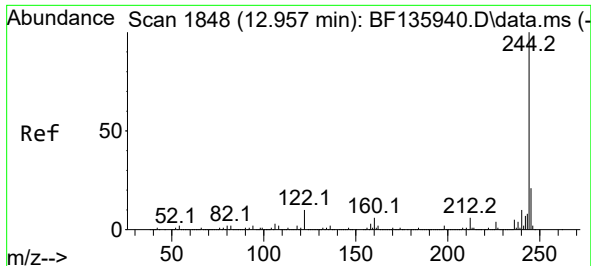
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

203 17.9 14.5 21.7

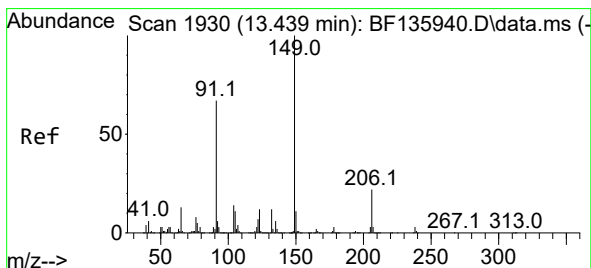
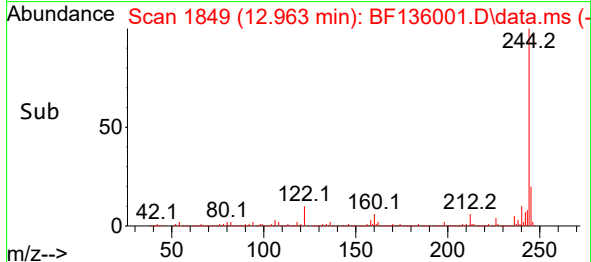
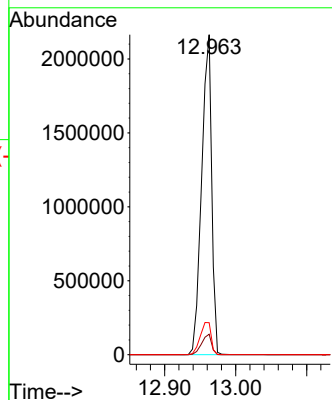
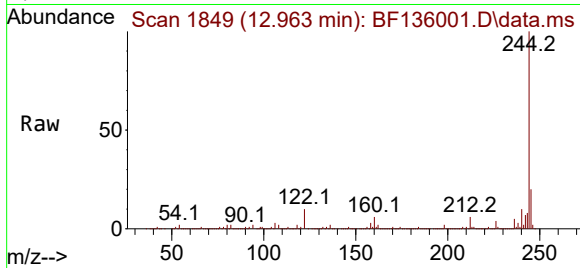




#79
 Terphenyl-d14
 Concen: 106.032 ng
 RT: 12.963 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF136001.D
 Acq: 28 Oct 2023 12:56

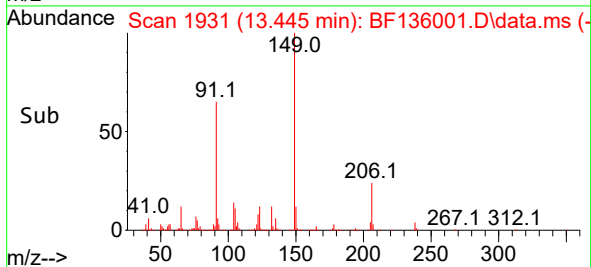
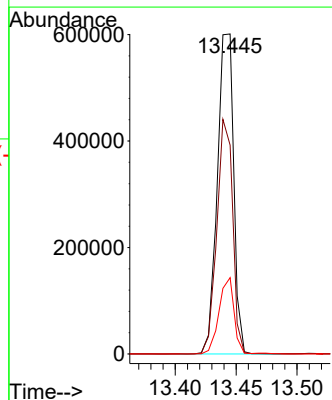
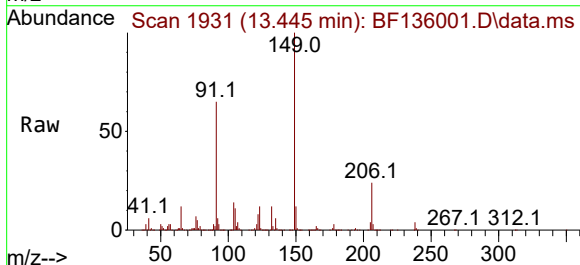
Instrument :
 BNA_F
 ClientSampleId :
 PB156435BS

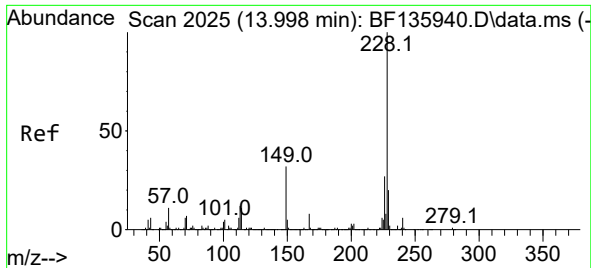
Tgt Ion:244 Resp: 2129778
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.6
 122 10.0 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 52.606 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. 0.006 min
 Lab File: BF136001.D
 Acq: 28 Oct 2023 12:56

Tgt Ion:149 Resp: 564458
 Ion Ratio Lower Upper
 149 100
 91 65.2 53.4 80.0
 206 23.8 17.5 26.3

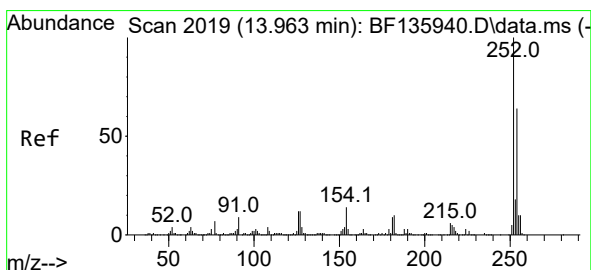
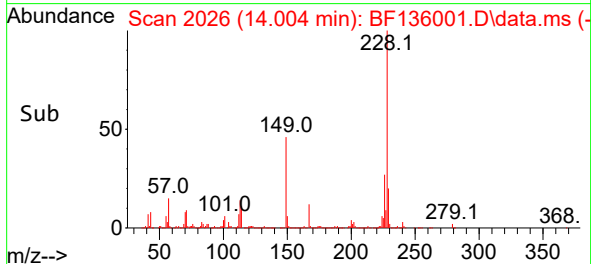
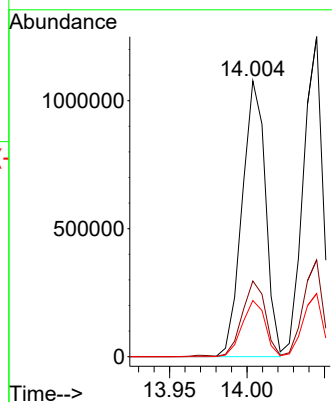
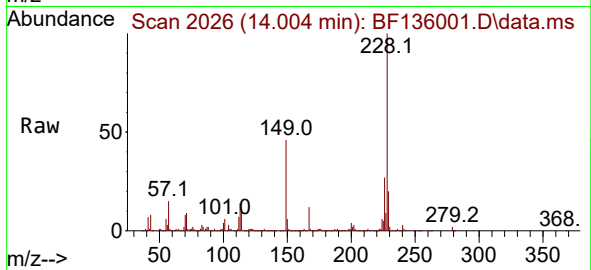




#81
Benzo(a)anthracene
Concen: 49.409 ng
RT: 14.004 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

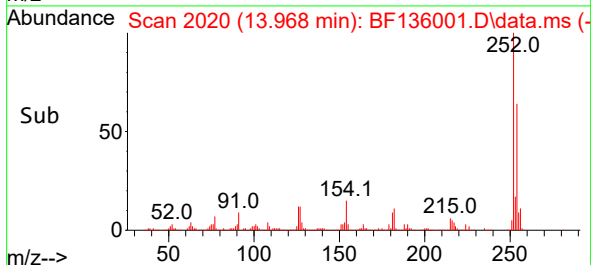
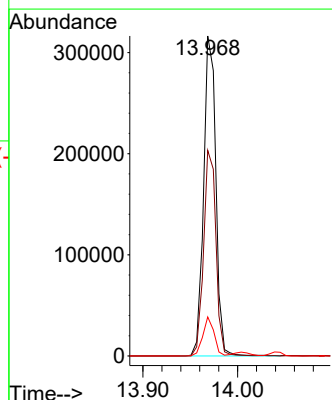
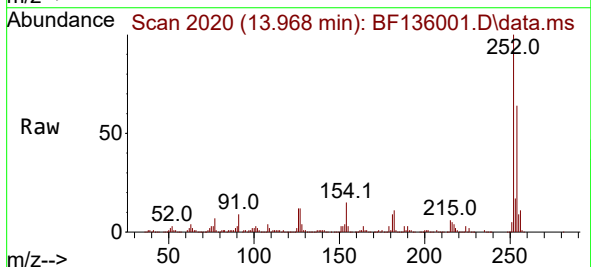
Instrument :
BNA_F
ClientSampleId :
PB156435BS

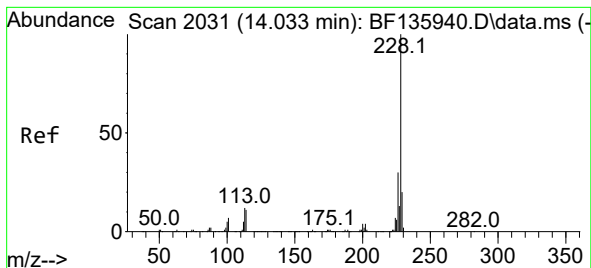
Tgt Ion:228 Resp: 1127436
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.6
229 20.3 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 40.934 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:252 Resp: 284176
Ion Ratio Lower Upper
252 100
254 64.3 50.9 76.3
126 12.2 9.8 14.6





#83

Chrysene

Concen: 49.018 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.012 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

PB156435BS

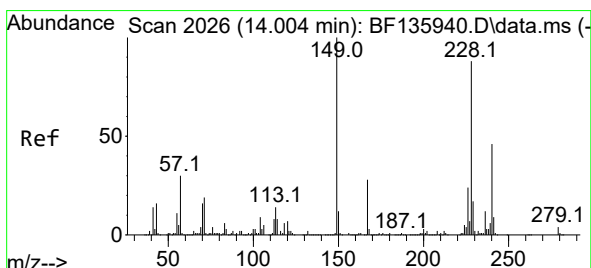
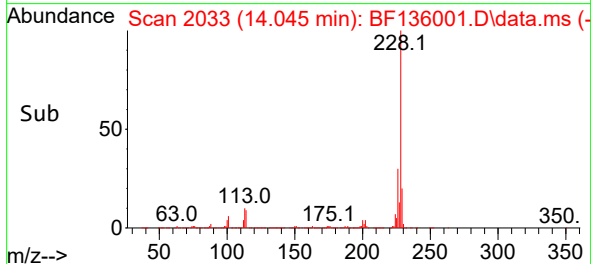
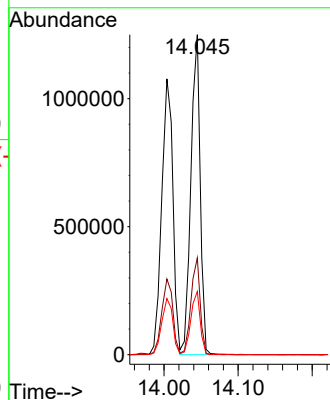
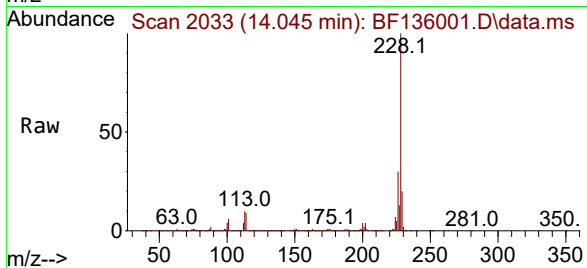
Tgt Ion:228 Resp: 1089392

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

229 19.8 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.259 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

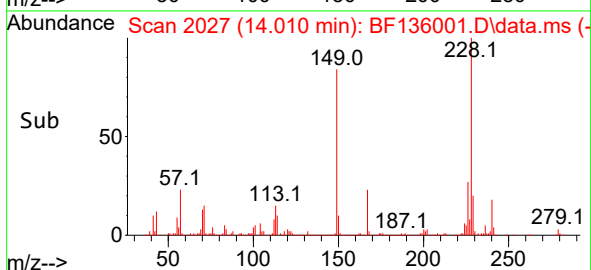
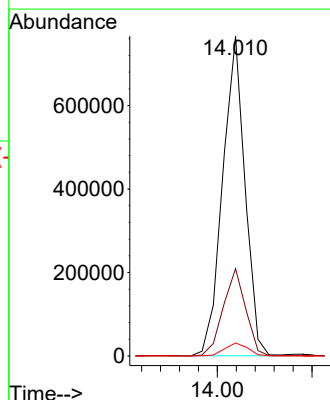
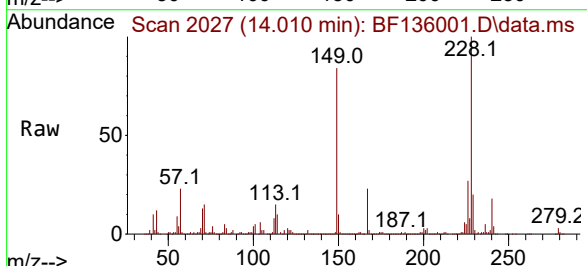
Tgt Ion:149 Resp: 628697

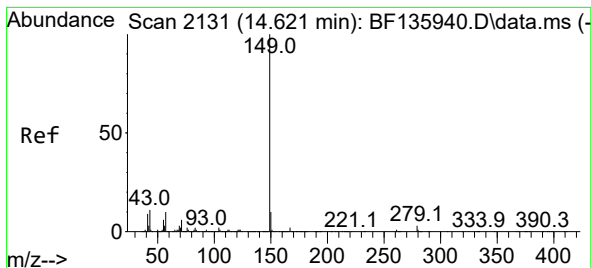
Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.2

279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 54.122 ng

RT: 14.627 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

PB156435BS

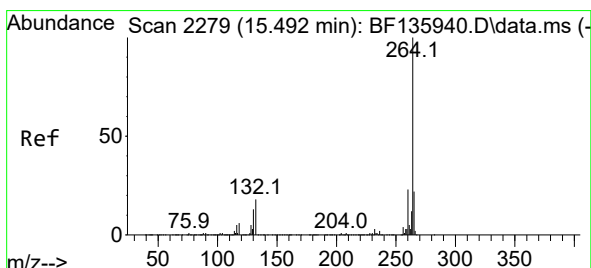
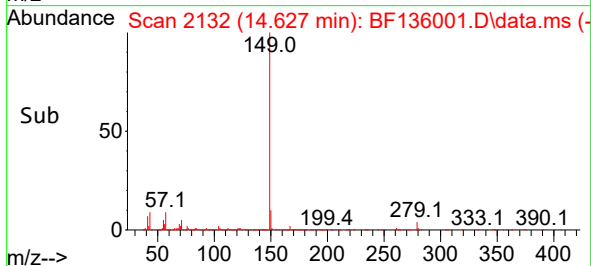
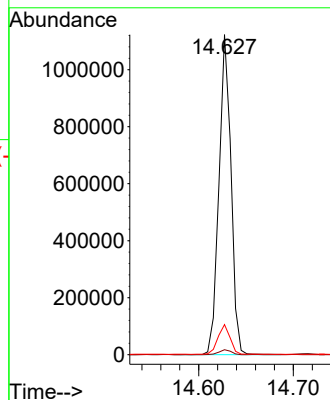
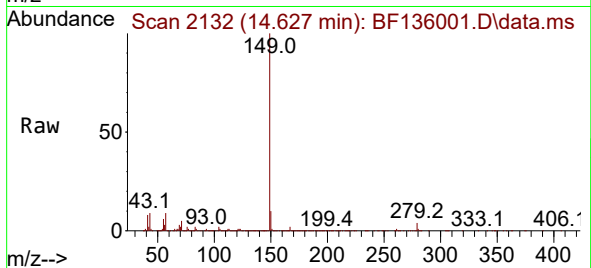
Tgt Ion:149 Resp: 987883

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.4 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2281

Delta R.T. 0.012 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

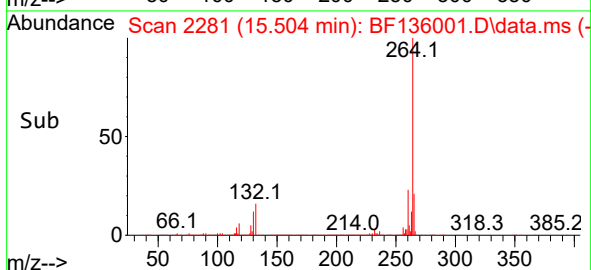
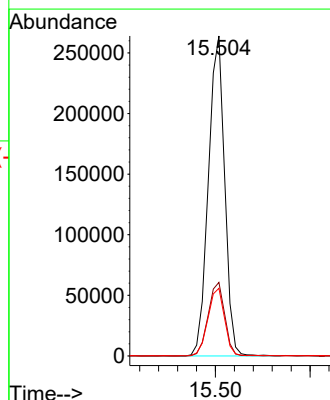
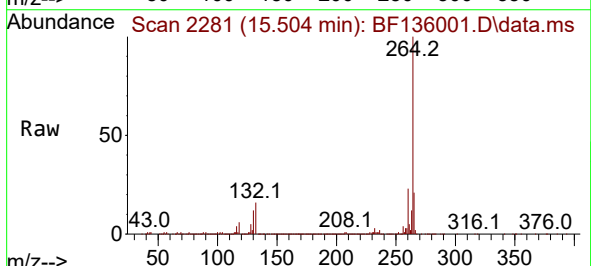
Tgt Ion:264 Resp: 315540

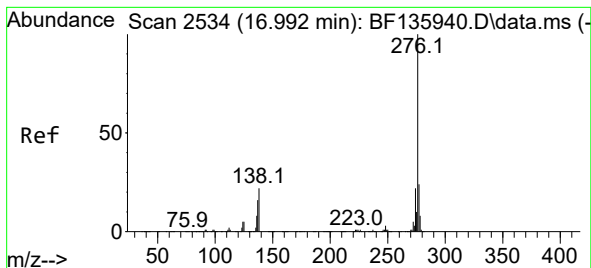
Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.2 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 66.108 ng

RT: 17.021 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

PB156435BS

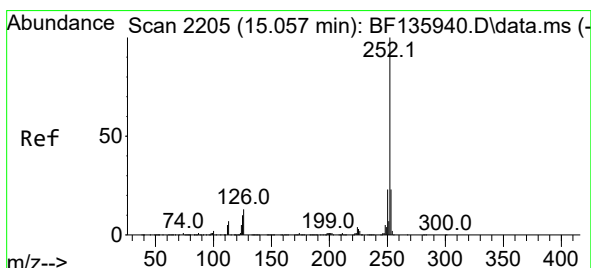
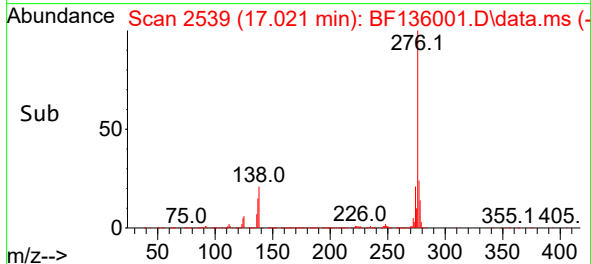
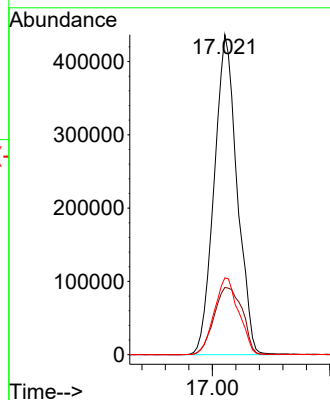
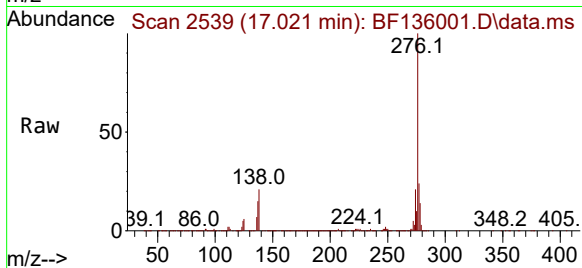
Tgt Ion:276 Resp: 1182825

Ion Ratio Lower Upper

276 100

138 26.0 21.8 32.6

277 25.7 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 50.177 ng

RT: 15.068 min Scan# 2207

Delta R.T. 0.012 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

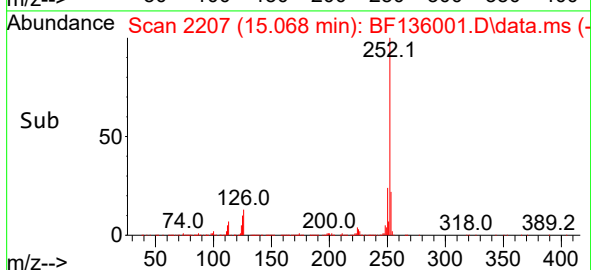
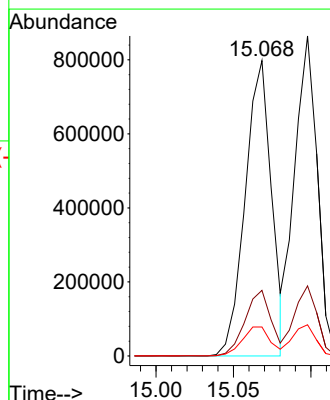
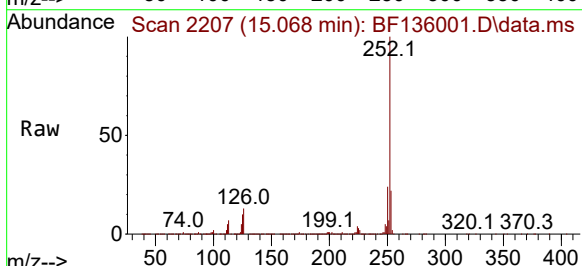
Tgt Ion:252 Resp: 942251

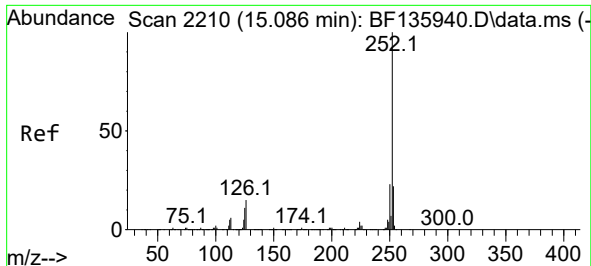
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 9.8 8.2 12.4

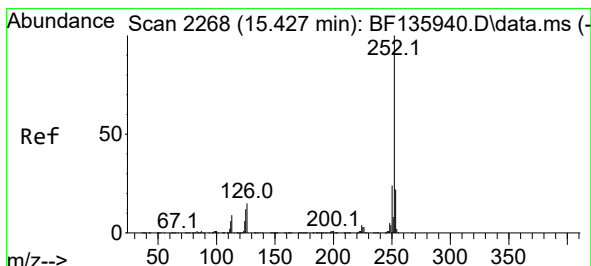
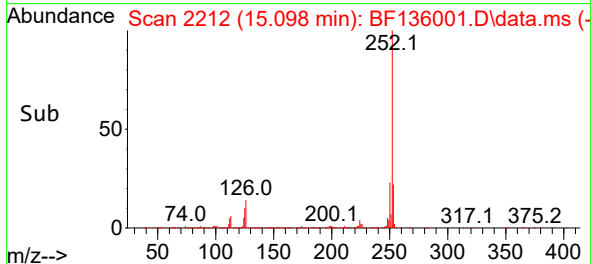
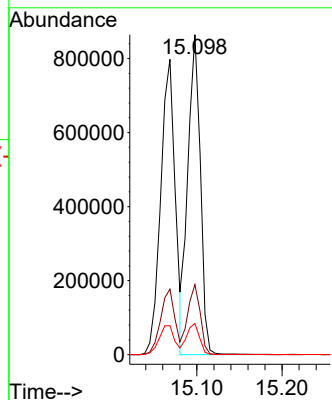
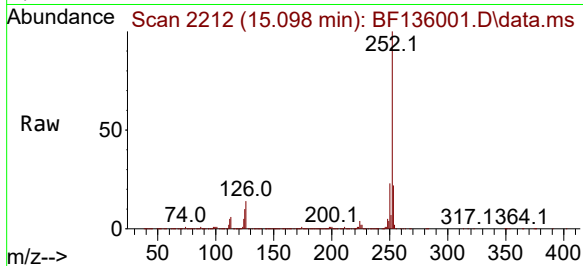




#89
Benzo(k)fluoranthene
Concen: 47.790 ng
RT: 15.098 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

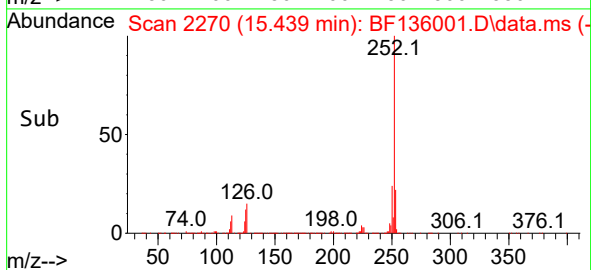
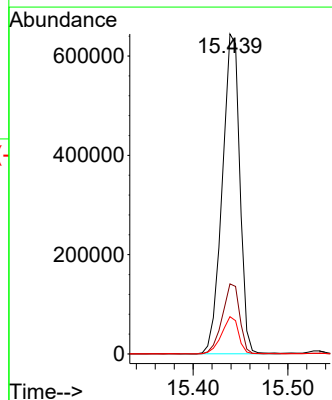
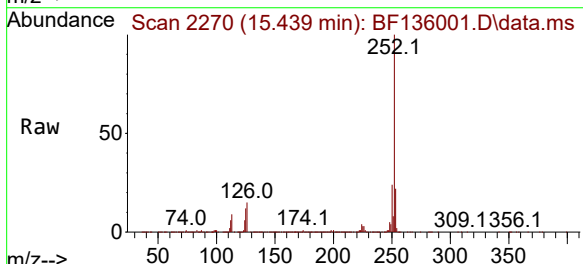
Instrument :
BNA_F
ClientSampleId :
PB156435BS

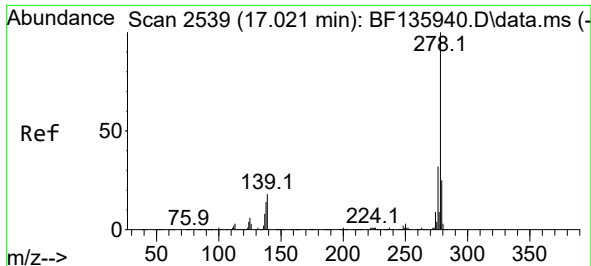
Tgt Ion:252 Resp: 881378
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 9.8 8.5 12.7



#90
Benzo(a)pyrene
Concen: 47.864 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.012 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:252 Resp: 828379
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 11.7 9.6 14.4

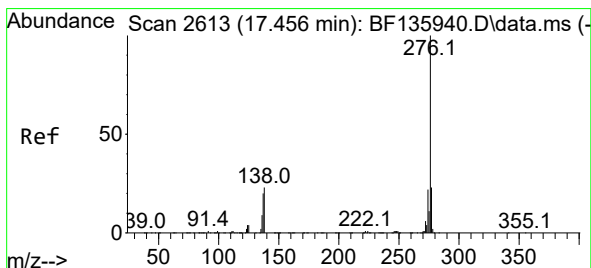
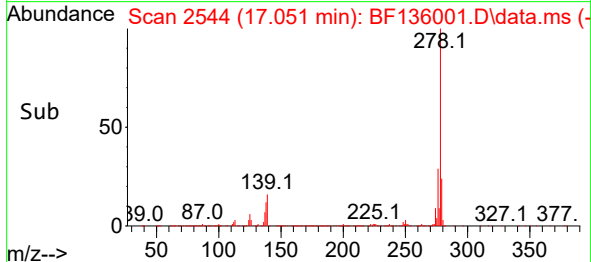
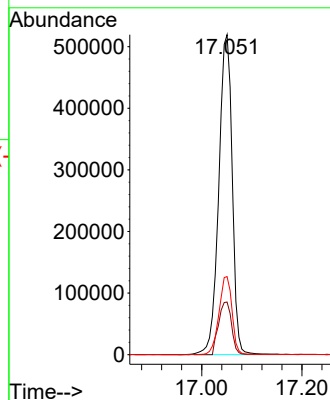
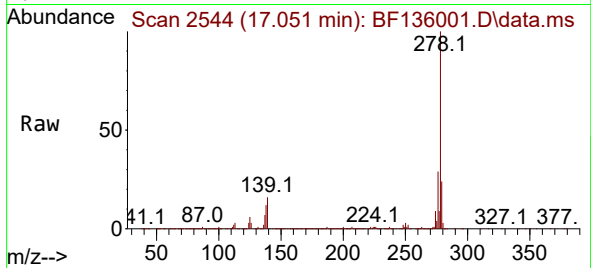




#91
Dibenzo(a,h)anthracene
Concen: 63.243 ng
RT: 17.051 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :
BNA_F
ClientSampleId :
PB156435BS

Tgt Ion:278 Resp: 967883
Ion Ratio Lower Upper
278 100
139 16.4 14.0 21.0
279 24.4 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 55.790 ng
RT: 17.486 min Scan# 2618
Delta R.T. 0.030 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:276 Resp: 982298
Ion Ratio Lower Upper
276 100
277 23.5 18.6 28.0
138 22.7 18.4 27.6

