

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136578.D
 Acq On : 14 Dec 2023 20:22
 Operator : CG\JU
 Sample : 05629-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 00:37:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	98493	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	382315	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	174311	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	291929	20.000	ng	0.00
76) Chrysene-d12	13.968	240	218437	20.000	ng	0.00
86) Perylene-d12	15.445	264	237774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	789626	118.398	ng	0.03
7) Phenol-d6	6.445	99	891213	107.105	ng	0.01
23) Nitrobenzene-d5	7.351	82	618140	87.407	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	269570	125.424	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1221670	95.632	ng	0.00
79) Terphenyl-d14	12.910	244	1093599	65.988	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	103136	39.098	ng	# 83
3) Pyridine	3.469	79	182271	28.532	ng	93
4) n-Nitrosodimethylamine	3.404	42	118406	42.663	ng	97
6) Aniline	6.457	93	90283	10.736	ng	# 1
8) 2-Chlorophenol	6.581	128	312950	42.983	ng	99
9) Benzaldehyde	6.345	77	6165	Below Cal	#	77
10) Phenol	6.457	94	319396	36.073	ng	98
11) bis(2-Chloroethyl)ether	6.534	93	288776	43.755	ng	94
12) 1,3-Dichlorobenzene	6.728	146	323191	39.471	ng	96
13) 1,4-Dichlorobenzene	6.804	146	333373	40.136	ng	98
14) 1,2-Dichlorobenzene	6.957	146	313871	40.185	ng	98
15) Benzyl Alcohol	6.939	79	235162	42.205	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	337148	39.719	ng	90
17) 2-Methylphenol	7.057	107	235182	39.982	ng	# 91
18) Hexachloroethane	7.292	117	116767	40.266	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	200972	41.870	ng	100
20) 3+4-Methylphenols	7.204	107	295481	40.471	ng	99
22) Acetophenone	7.198	105	433880	45.958	ng	# 96
24) Nitrobenzene	7.375	77	300307	42.212	ng	92
25) Isophorone	7.610	82	539070	42.428	ng	97
26) 2-Nitrophenol	7.686	139	162549	46.476	ng	94
27) 2,4-Dimethylphenol	7.728	122	229551	53.228	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	345886	44.303	ng	97
29) 2,4-Dichlorophenol	7.933	162	244591	42.968	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	284028	42.790	ng	96
31) Naphthalene	8.092	128	1165488	55.281	ng	99
32) Benzoic acid	7.857	122	145159	33.930	ng	95
33) 4-Chloroaniline	8.139	127	24248	3.226	ng	96
34) Hexachlorobutadiene	8.204	225	165003	41.945	ng	97
35) Caprolactam	8.510	113	41181	23.492	ng	92
36) 4-Chloro-3-methylphenol	8.633	107	239315	39.595	ng	98
37) 2-Methylnaphthalene	8.780	142	582156	43.403	ng	94
38) 1-Methylnaphthalene	8.880	142	555814	42.229	ng	96
40) 1,2,4,5-Tetrachloroben...	8.945	216	280160	51.661	ng	99
41) Hexachlorocyclopentadiene	8.928	237	234030	116.485	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	165581	46.892	ng	99

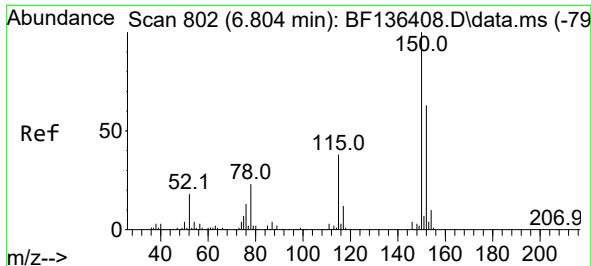
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
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 QLast Update : Fri Dec 15 00:33:23 2023
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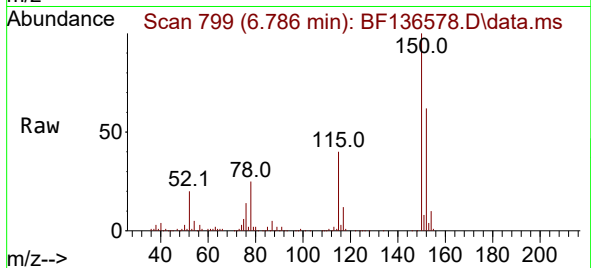
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	170301	43.212	ng	97
46) 1,1'-Biphenyl	9.245	154	732916	49.414	ng	96
47) 2-Chloronaphthalene	9.269	162	527400	45.686	ng	97
48) 2-Nitroaniline	9.369	65	131867	42.590	ng	95
49) Acenaphthylene	9.686	152	793648	48.261	ng	98
50) Dimethylphthalate	9.551	163	611580	47.655	ng	99
51) 2,6-Dinitrotoluene	9.616	165	129668	44.912	ng	91
52) Acenaphthene	9.857	154	500560	47.500	ng	96
53) 3-Nitroaniline	9.780	138	36019	12.217	ng	98
54) 2,4-Dinitrophenol	9.892	184	100143	68.603	ng	92
55) Dibenzofuran	10.033	168	721931	46.895	ng	97
56) 4-Nitrophenol	9.963	139	164318	74.347	ng	91
57) 2,4-Dinitrotoluene	10.016	165	168742	44.181	ng	94
58) Fluorene	10.374	166	564108	45.648	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	138671	43.927	ng	97
60) Diethylphthalate	10.251	149	561734	44.513	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	265807	44.122	ng	95
62) 4-Nitroaniline	10.398	138	102453	34.997	ng	95
63) Azobenzene	10.527	77	476837	41.513	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	73673	40.749	ng	88
66) n-Nitrosodiphenylamine	10.492	169	452849	48.343	ng	97
67) 4-Bromophenyl-phenylether	10.857	248	161033	47.444	ng	# 90
68) Hexachlorobenzene	10.922	284	185108	47.187	ng	94
69) Atrazine	11.022	200	100790	37.698	ng	97
70) Pentachlorophenol	11.121	266	199418	90.072	ng	97
71) Phenanthrene	11.339	178	791616	49.335	ng	98
72) Anthracene	11.392	178	774429	47.918	ng	99
73) Carbazole	11.551	167	678774	47.453	ng	99
74) Di-n-butylphthalate	11.886	149	835110	47.624	ng	99
75) Fluoranthene	12.533	202	777553	46.241	ng	99
77) Benzidine	12.657	184	71991	20.738	ng	97
78) Pyrene	12.763	202	803728	37.570	ng	98
80) Butylbenzylphthalate	13.392	149	331615	43.545	ng	98
81) Benzo(a)anthracene	13.957	228	707411	46.493	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	117561	27.557	ng	100
83) Chrysene	13.992	228	675424	45.119	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	443201	47.473	ng	98
85) Di-n-octyl phthalate	14.568	149	778306	56.440	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	719998	43.587	ng	100
88) Benzo(b)fluoranthene	15.009	252	752057	46.260	ng	98
89) Benzo(k)fluoranthene	15.045	252	640513	41.806	ng	98
90) Benzo(a)pyrene	15.386	252	637402	47.475	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	599324	44.287	ng	99
92) Benzo(g,h,i)perylene	17.403	276	540116	38.885	ng	99

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

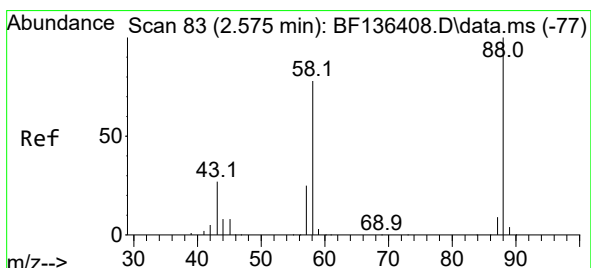
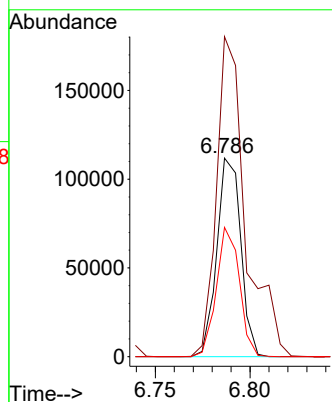
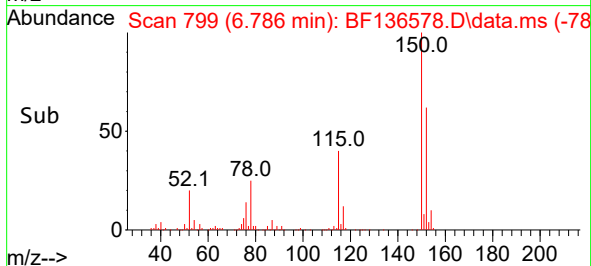


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.001 min
 Lab File: BF136578.D
 Acq: 14 Dec 2023 20:22

Instrument :
 BNA_F
 ClientSampleId :

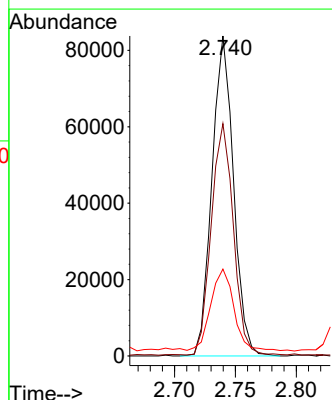
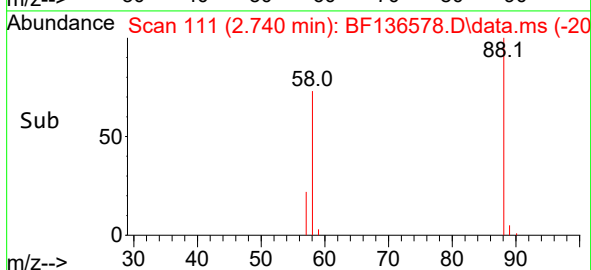
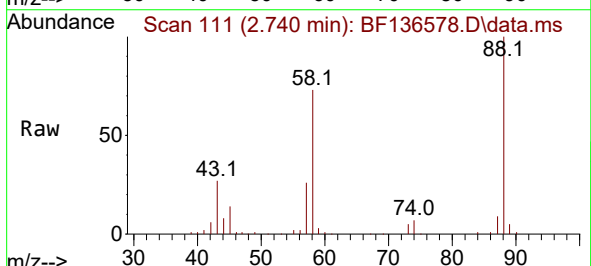


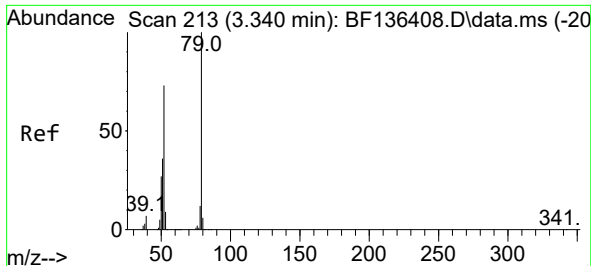
Tgt Ion:152 Resp: 98493
 Ion Ratio Lower Upper
 152 100
 150 161.1 126.4 189.6
 115 65.1 48.2 72.4



#2
 1,4-Dioxane
 Concen: 39.098 ng
 RT: 2.740 min Scan# 111
 Delta R.T. 0.188 min
 Lab File: BF136578.D
 Acq: 14 Dec 2023 20:22

Tgt Ion: 88 Resp: 103136
 Ion Ratio Lower Upper
 88 100
 58 74.0 62.2 93.2
 43 0.0 21.5 32.3

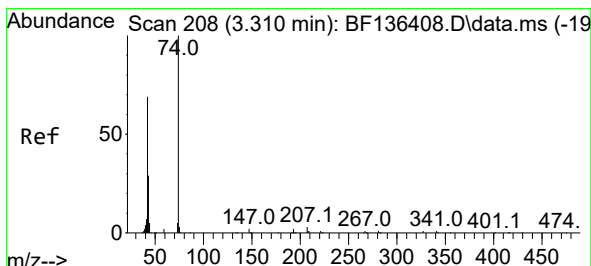
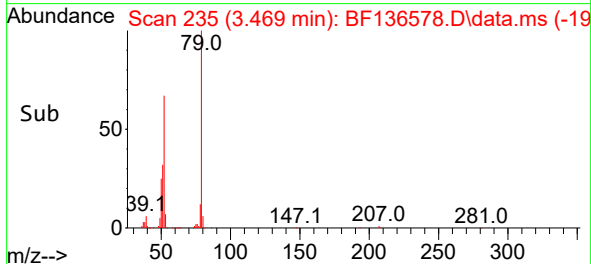
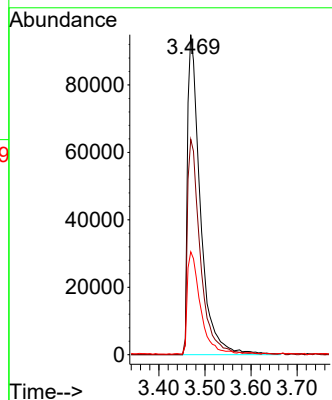
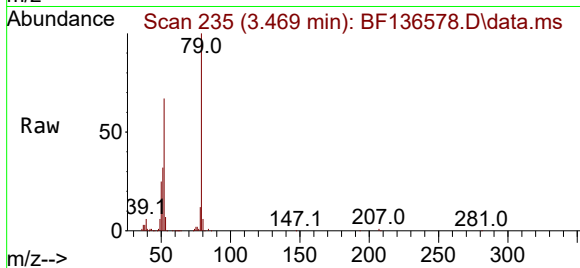




#3
 Pyridine
 Concen: 28.532 ng
 RT: 3.469 min Scan# 213
 Delta R.T. 0.159 min
 Lab File: BF136578.D
 Acq: 14 Dec 2023 20:22

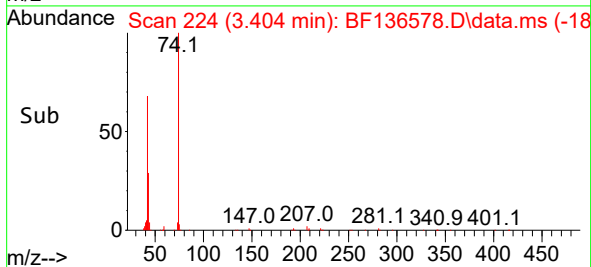
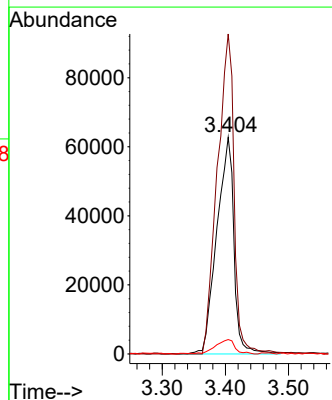
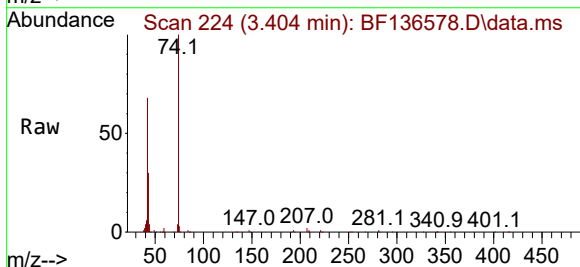
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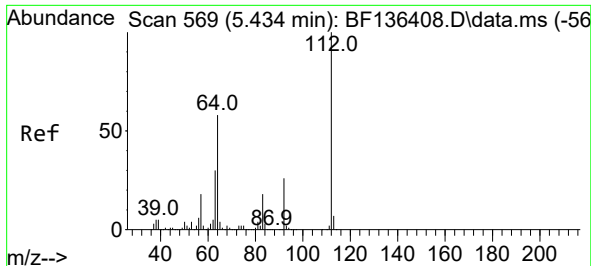
Tgt Ion: 79 Resp: 182271
 Ion Ratio Lower Upper
 79 100
 52 67.3 58.2 87.2
 51 32.1 29.1 43.7



#4
 n-Nitrosodimethylamine
 Concen: 42.663 ng
 RT: 3.404 min Scan# 224
 Delta R.T. 0.118 min
 Lab File: BF136578.D
 Acq: 14 Dec 2023 20:22

Tgt Ion: 42 Resp: 118406
 Ion Ratio Lower Upper
 42 100
 74 147.7 115.4 173.0
 44 6.6 6.2 9.2

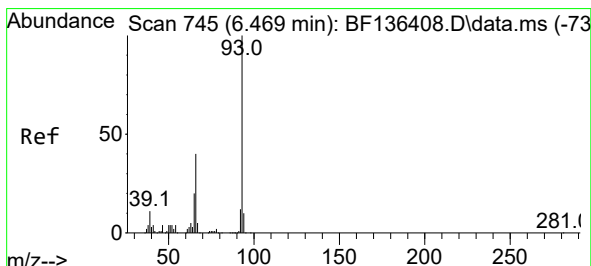
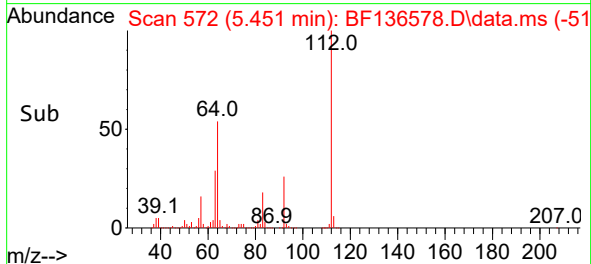
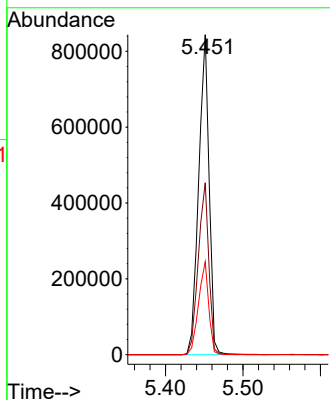
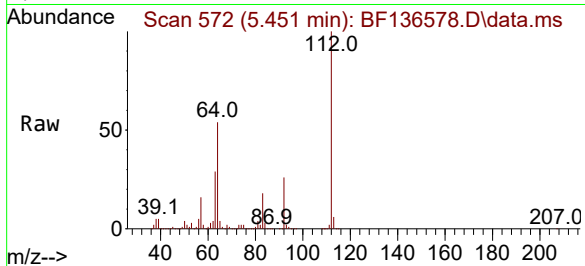




#5
2-Fluorophenol
Concen: 118.398 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

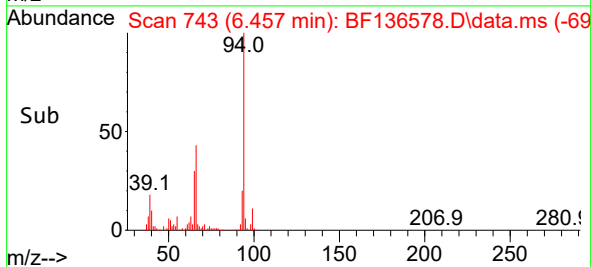
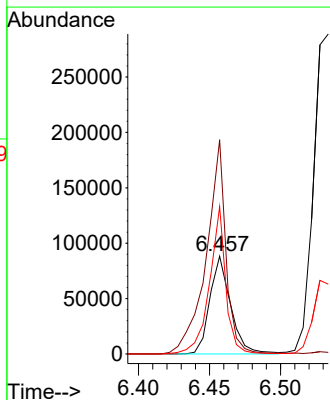
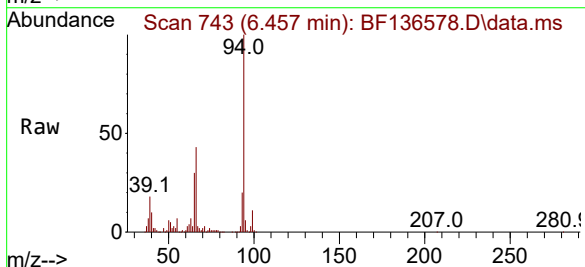
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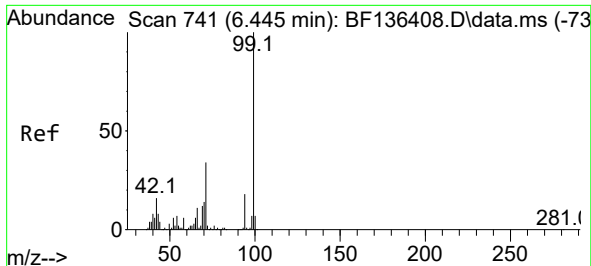
Tgt Ion:112 Resp: 789626
Ion Ratio Lower Upper
112 100
64 53.8 46.5 69.7
63 29.1 23.9 35.9



#6
Aniline
Concen: 10.736 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion: 93 Resp: 90283
Ion Ratio Lower Upper
93 100
66 219.0 32.5 48.7#
65 150.7 16.4 24.6#

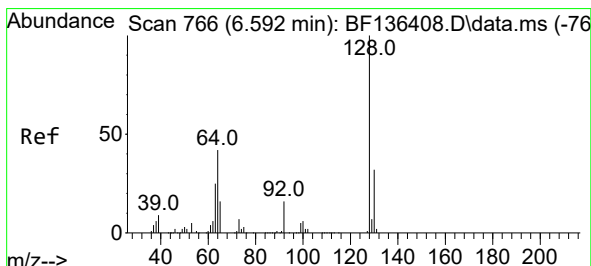
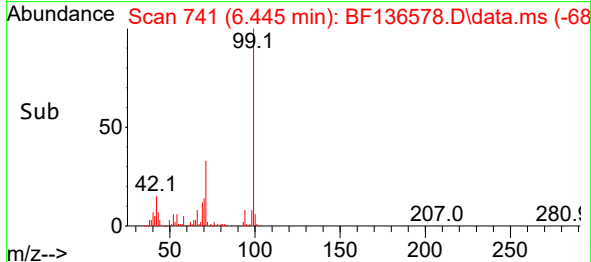
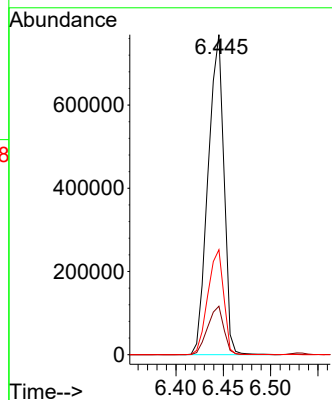
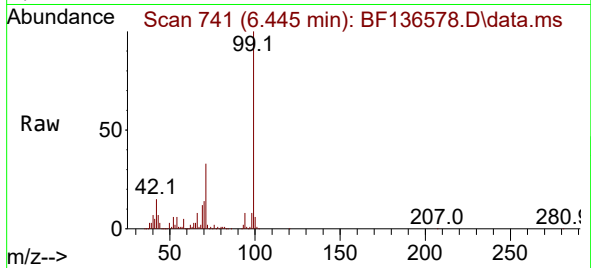




#7
Phenol-d6
Concen: 107.105 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

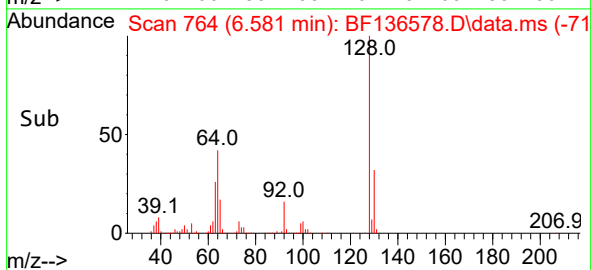
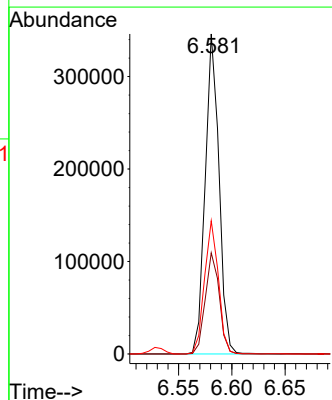
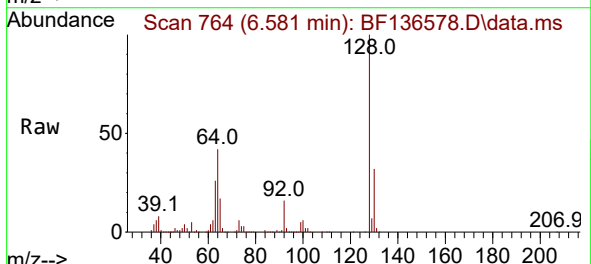
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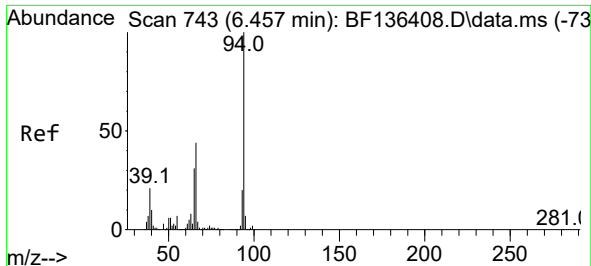
Tgt Ion: 99 Resp: 891213
Ion Ratio Lower Upper
99 100
42 15.1 12.8 19.2
71 32.8 27.0 40.4



#8
2-Chlorophenol
Concen: 42.983 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

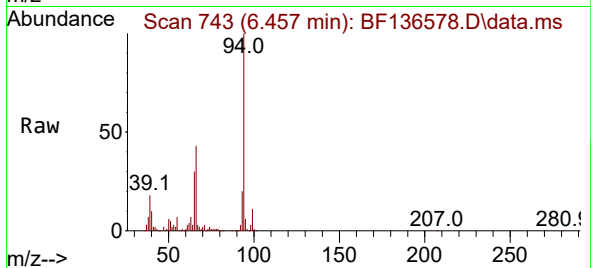
Tgt Ion: 128 Resp: 312950
Ion Ratio Lower Upper
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130 31.6 11.7 51.7
64 41.6 22.5 62.5



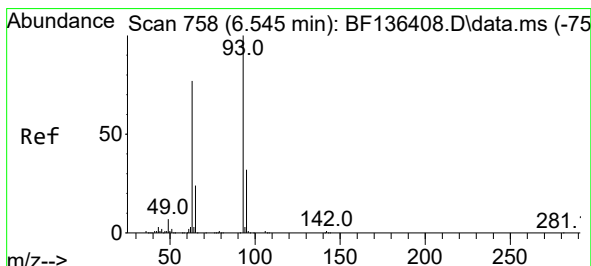
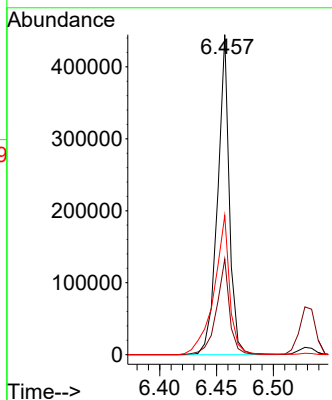
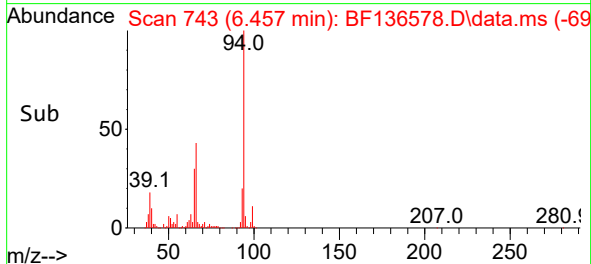


#10
Phenol
Concen: 36.073 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.012 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

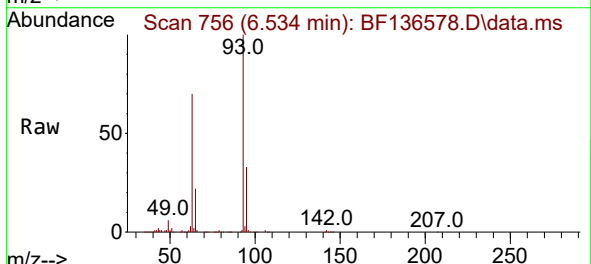
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BNA_F
ClientSampleId :



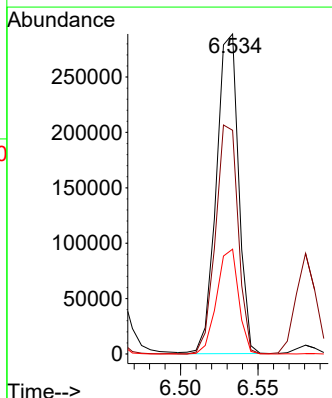
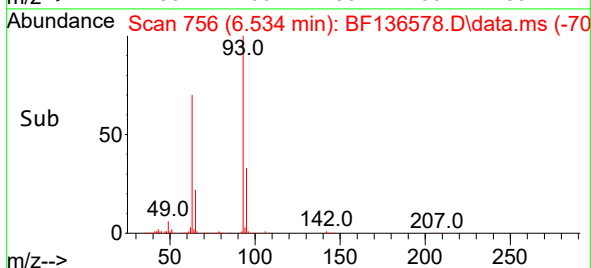
Tgt Ion: 94 Resp: 319396
Ion Ratio Lower Upper
94 100
65 29.9 11.2 51.2
66 43.5 24.2 64.2

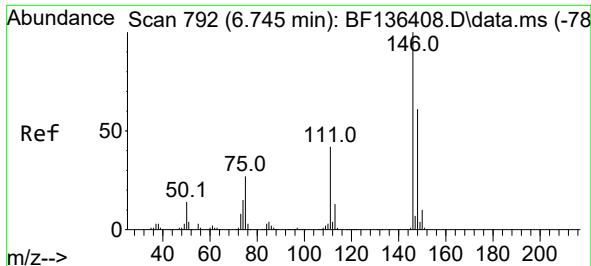


#11
bis(2-Chloroethyl)ether
Concen: 43.755 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22



Tgt Ion: 93 Resp: 288776
Ion Ratio Lower Upper
93 100
63 69.9 56.8 96.8
95 32.8 11.8 51.8





#12

1,3-Dichlorobenzene

Concen: 39.471 ng

RT: 6.728 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

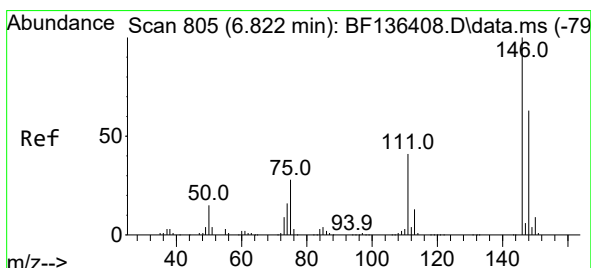
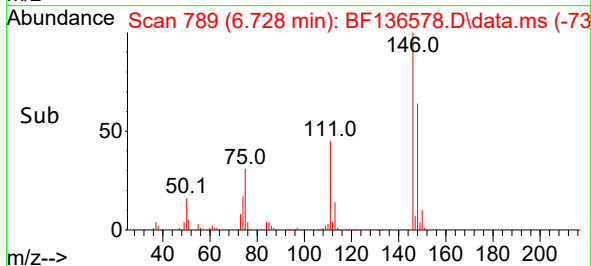
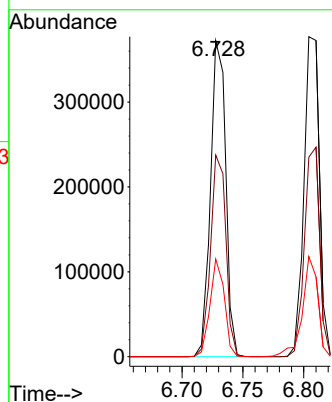
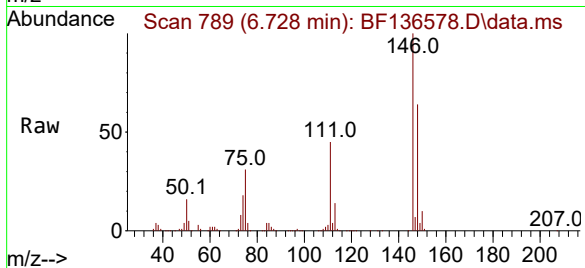
Tgt Ion:146 Resp: 323191

Ion Ratio Lower Upper

146 100

148 63.8 49.0 73.6

75 30.9 21.8 32.6



#13

1,4-Dichlorobenzene

Concen: 40.136 ng

RT: 6.804 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

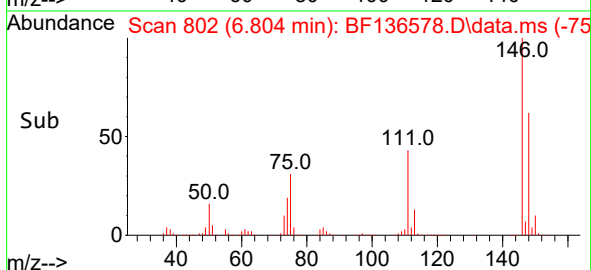
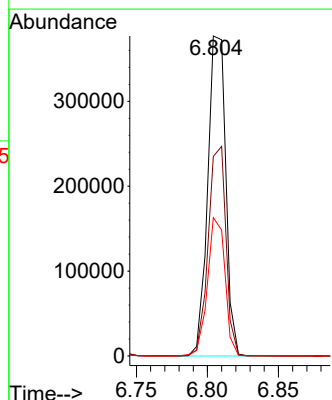
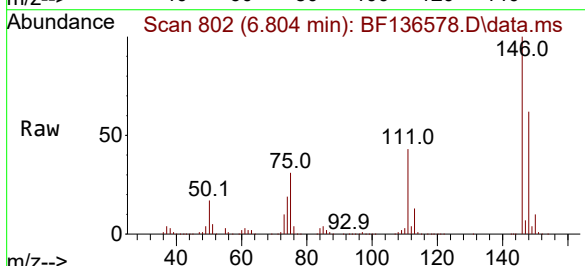
Tgt Ion:146 Resp: 333373

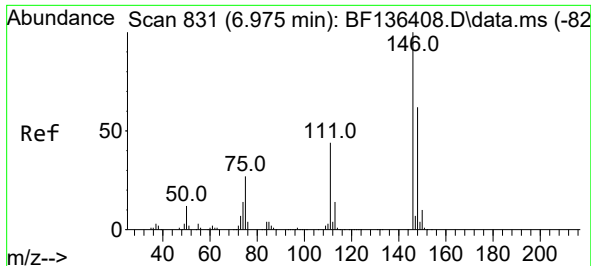
Ion Ratio Lower Upper

146 100

148 62.4 50.3 75.5

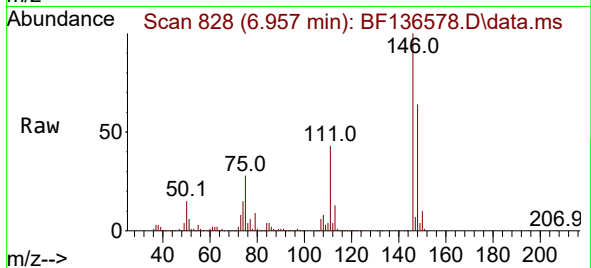
111 43.2 32.6 49.0



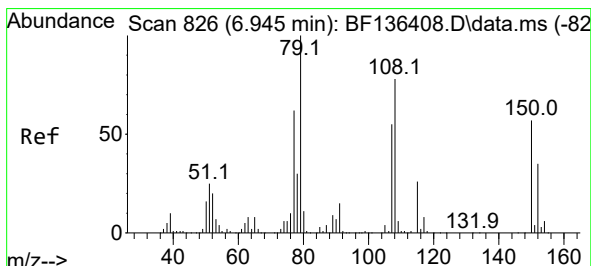
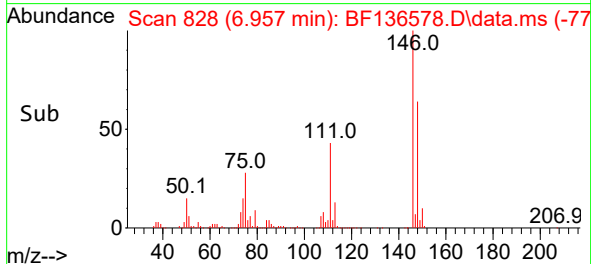
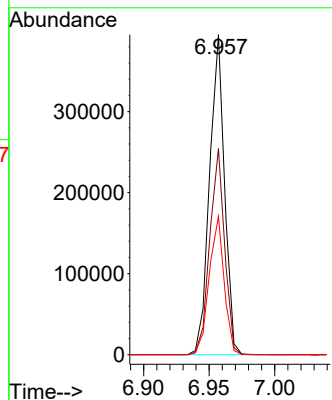


#14
1,2-Dichlorobenzene
Concen: 40.185 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :
BNA_F
ClientSampleId :

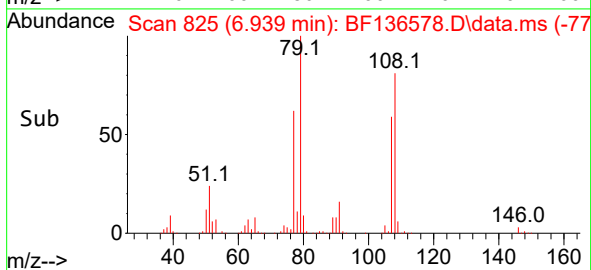
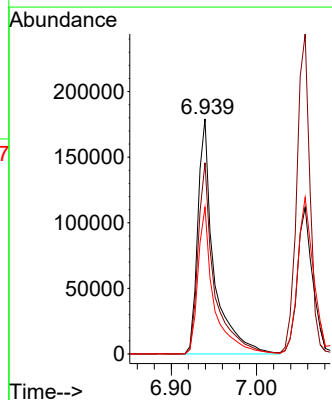
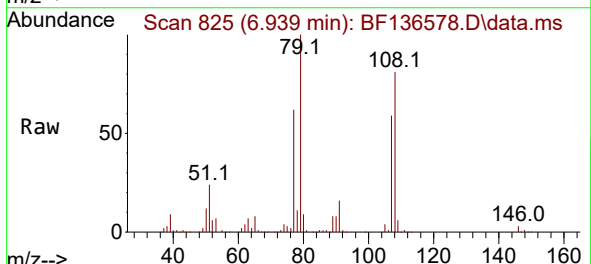


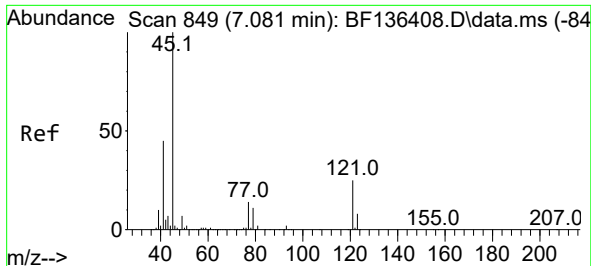
Tgt Ion:146 Resp: 313871
Ion Ratio Lower Upper
146 100
148 64.4 49.8 74.6
111 43.2 34.9 52.3



#15
Benzyl Alcohol
Concen: 42.205 ng
RT: 6.939 min Scan# 825
Delta R.T. 0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion: 79 Resp: 235162
Ion Ratio Lower Upper
79 100
108 81.4 62.3 93.5
77 62.4 49.8 74.8

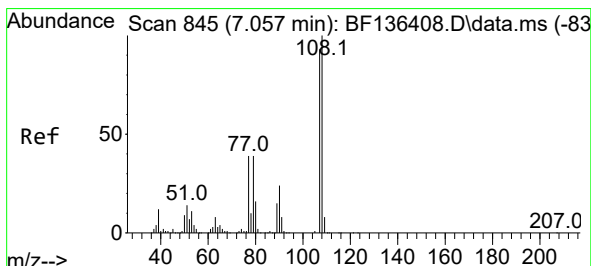
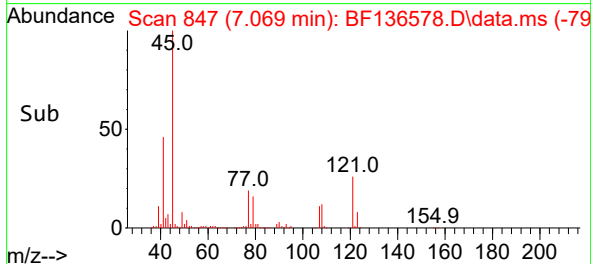
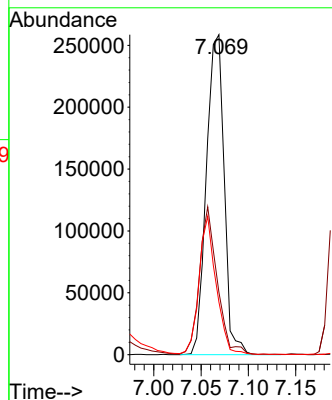
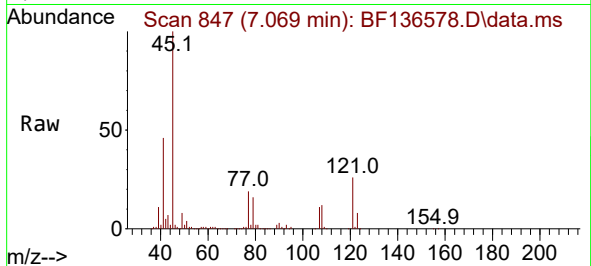




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.719 ng
RT: 7.069 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

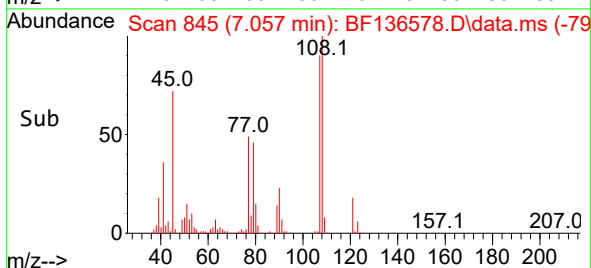
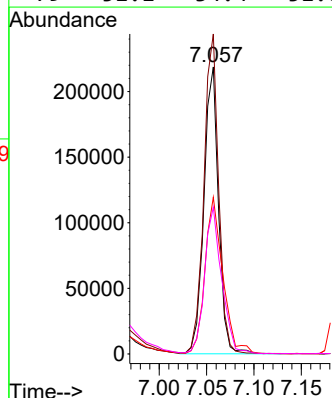
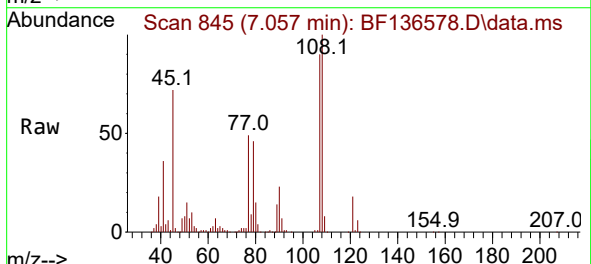
Instrument :
BNA_F
ClientSampleId :

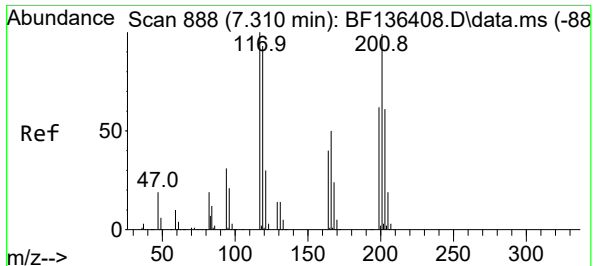
Tgt Ion: 45 Resp: 337148
Ion Ratio Lower Upper
45 100
77 19.5 0.0 35.3
79 16.4 0.0 32.5



#17
2-Methylphenol
Concen: 39.982 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.012 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

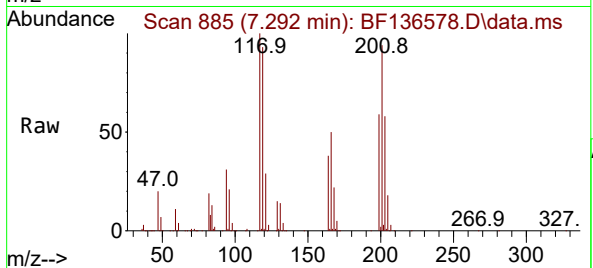
Tgt Ion:107 Resp: 235182
Ion Ratio Lower Upper
107 100
108 111.5 86.5 129.7
77 54.6 33.8 50.8#
79 51.1 34.4 51.6



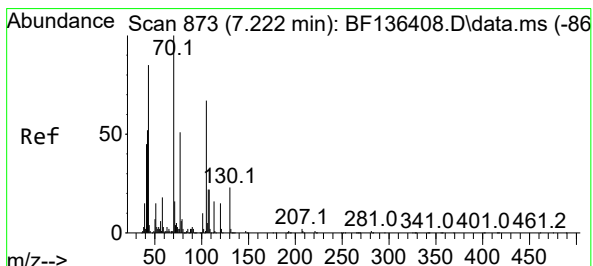
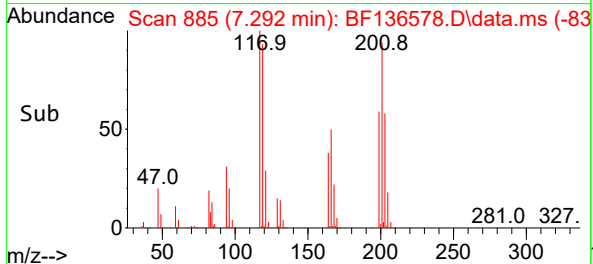
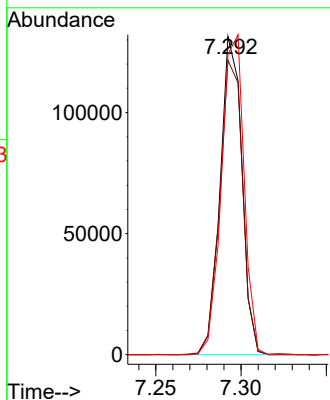


#18
Hexachloroethane
Concen: 40.266 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :
BNA_F
ClientSampleId :

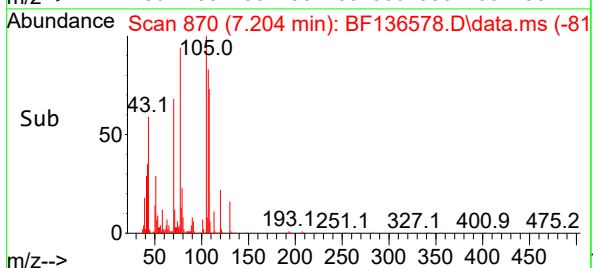
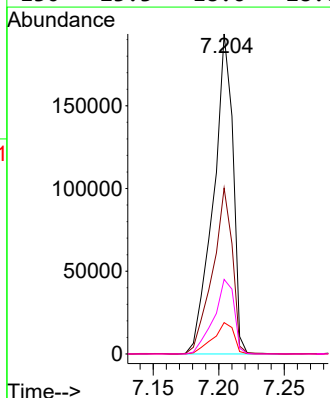
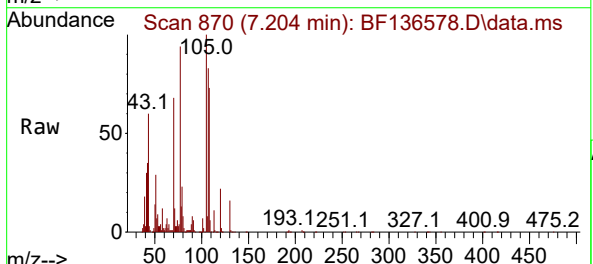


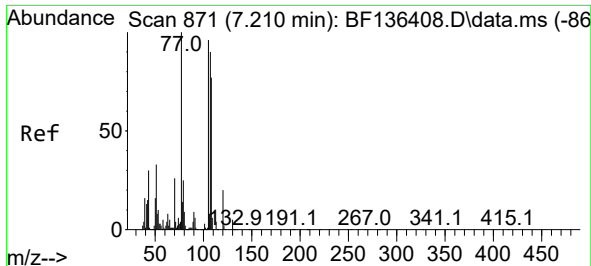
Tgt Ion:117 Resp: 116767
Ion Ratio Lower Upper
117 100
119 92.6 74.3 111.5
201 94.4 79.3 118.9



#19
n-Nitroso-di-n-propylamine
Concen: 41.870 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

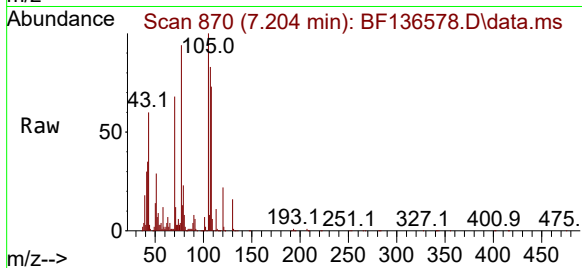
Tgt Ion: 70 Resp: 200972
Ion Ratio Lower Upper
70 100
42 51.8 41.4 62.0
101 9.8 8.2 12.4
130 23.3 18.6 28.0



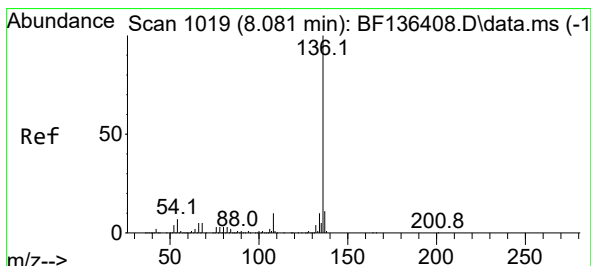
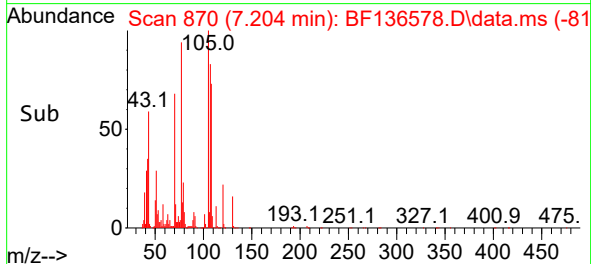
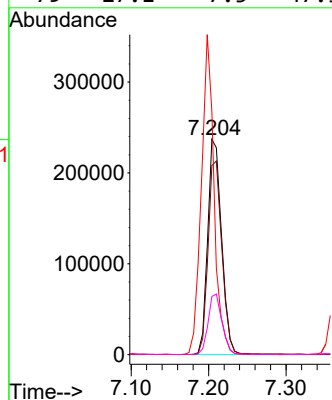


#20
3+4-Methylphenols
Concen: 40.471 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :
BNA_F
ClientSampleId :

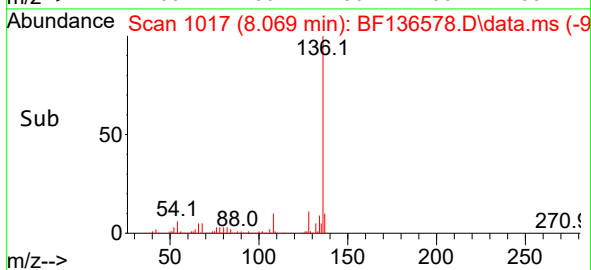
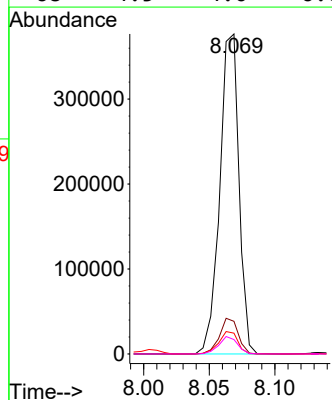
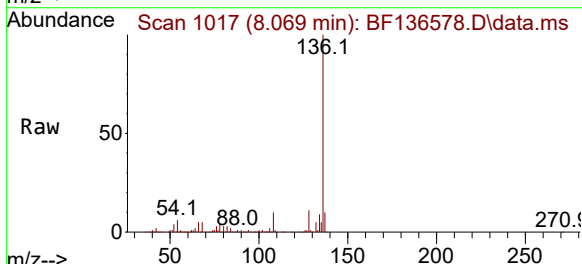


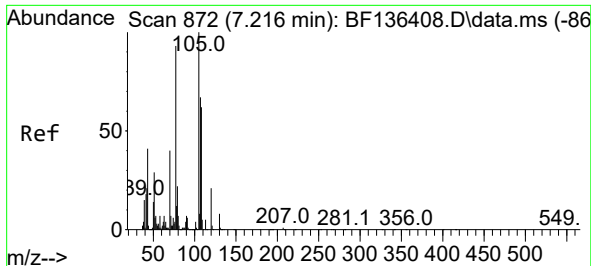
Tgt Ion:107 Resp: 295481
Ion Ratio Lower Upper
107 100
108 87.8 65.9 105.9
77 112.8 91.7 131.7
79 27.1 7.5 47.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

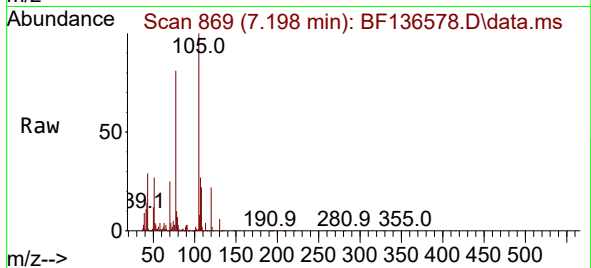
Tgt Ion:136 Resp: 382315
Ion Ratio Lower Upper
136 100
137 10.2 8.6 12.8
54 6.5 5.7 8.5
68 4.5 4.0 6.0



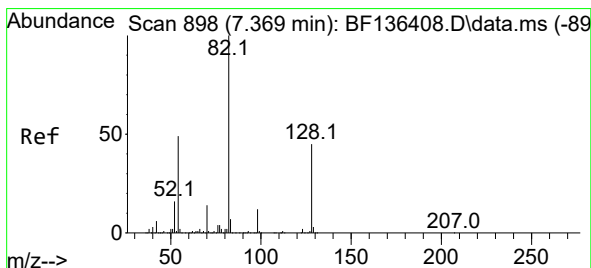
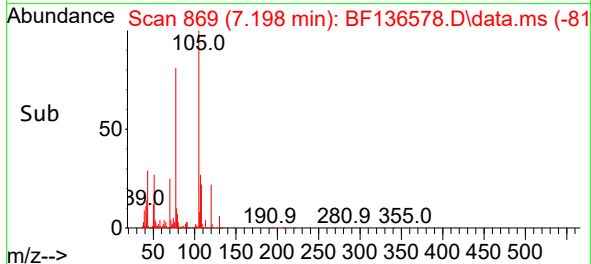
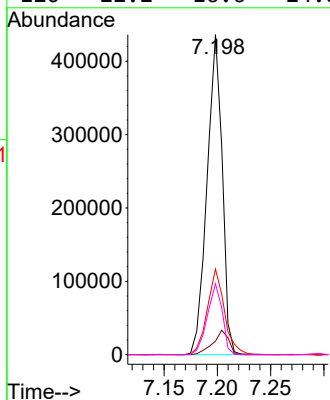


#22
Acetophenone
Concen: 45.958 ng
RT: 7.198 min Scan# 810
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :
BNA_F
ClientSampleId :

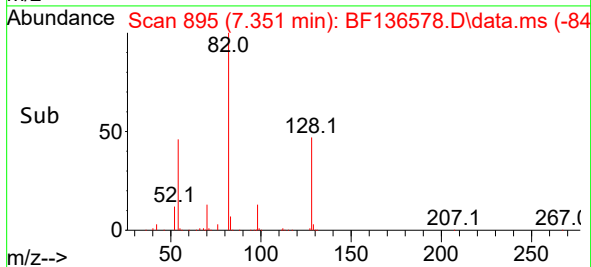
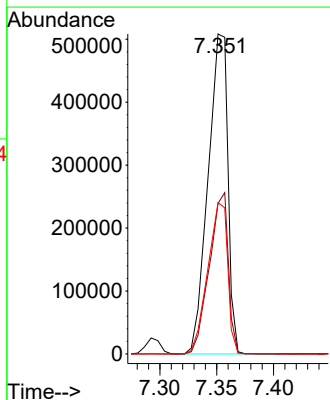
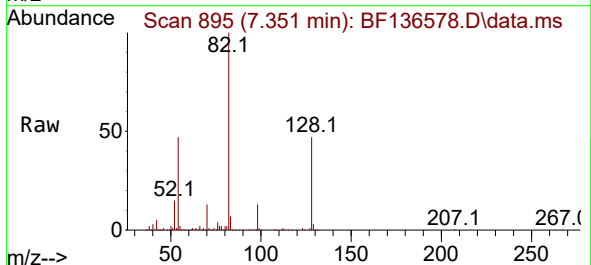


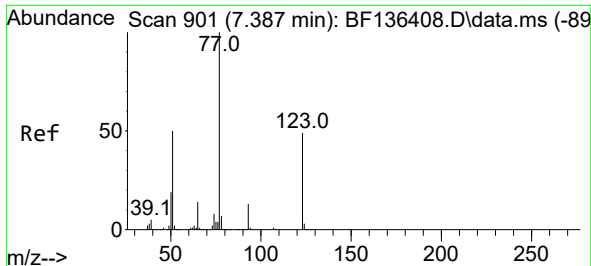
Tgt Ion:105 Resp: 433880
Ion Ratio Lower Upper
105 100
71 4.2 5.4 8.0#
51 26.8 23.4 35.2
120 22.2 16.6 24.8



#23
Nitrobenzene-d5
Concen: 87.407 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion: 82 Resp: 618140
Ion Ratio Lower Upper
82 100
128 47.1 36.3 54.5
54 47.3 39.0 58.6

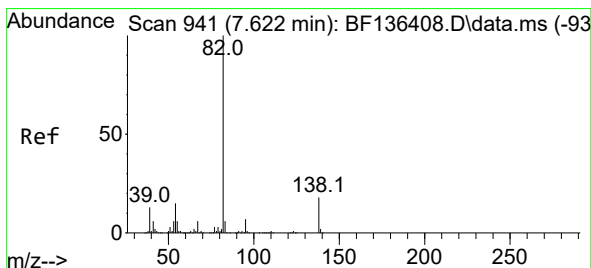
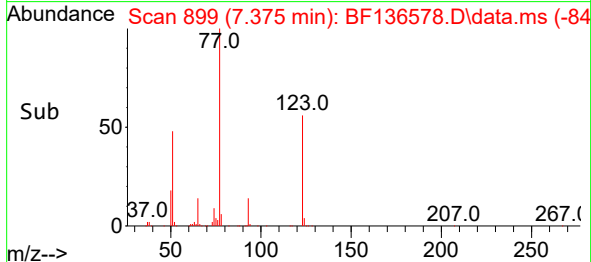
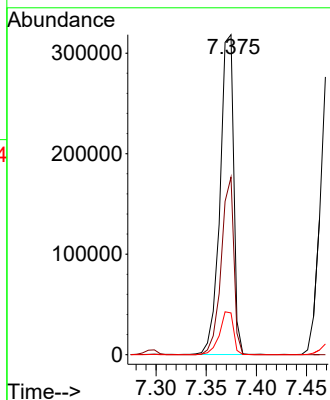
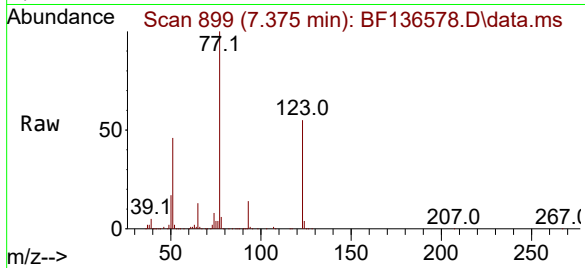




#24
Nitrobenzene
Concen: 42.212 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

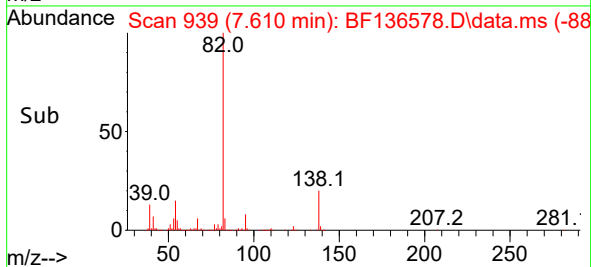
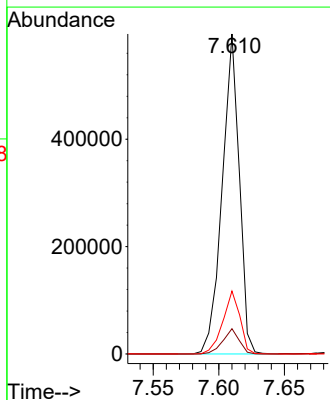
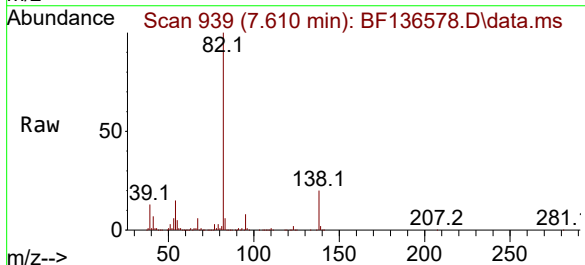
Instrument :
BNA_F
ClientSampleId :

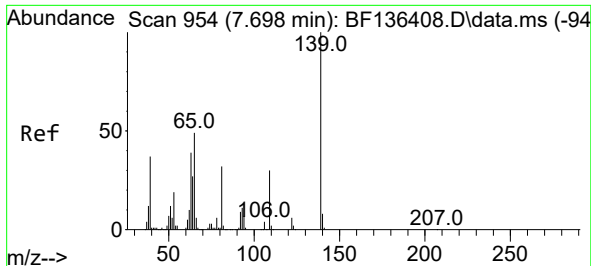
Tgt Ion: 77 Resp: 300307
Ion Ratio Lower Upper
77 100
123 55.4 39.0 58.6
65 13.0 11.3 16.9



#25
Isophorone
Concen: 42.428 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

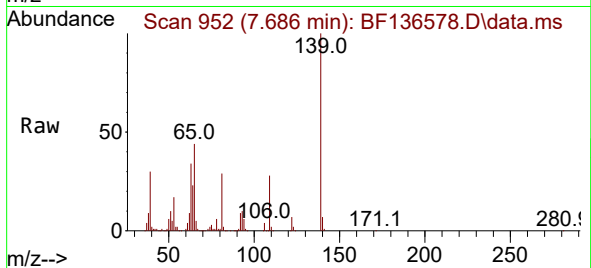
Tgt Ion: 82 Resp: 539070
Ion Ratio Lower Upper
82 100
95 7.9 5.7 8.5
138 19.6 14.5 21.7



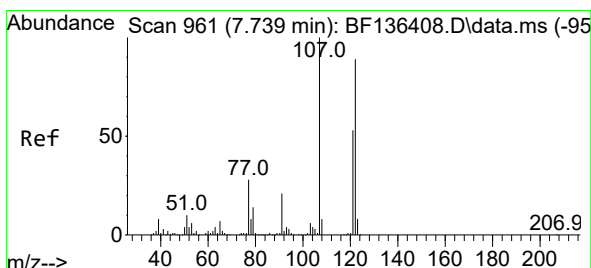
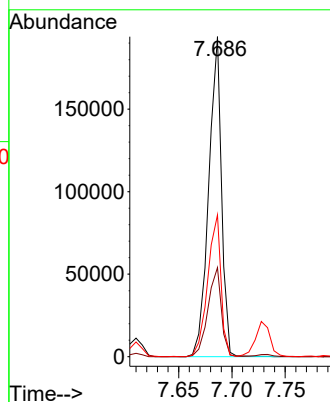
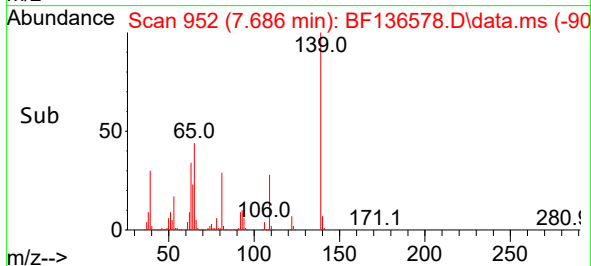


#26
2-Nitrophenol
Concen: 46.476 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :
BNA_F
ClientSampleId :

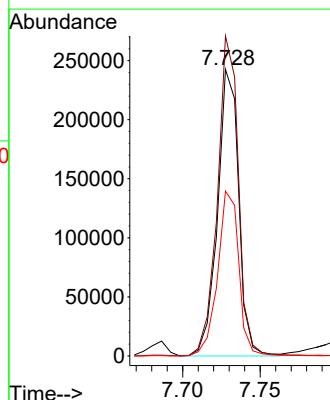
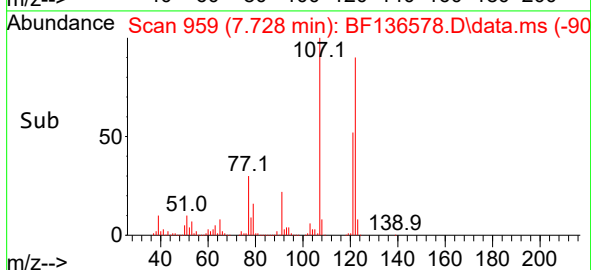
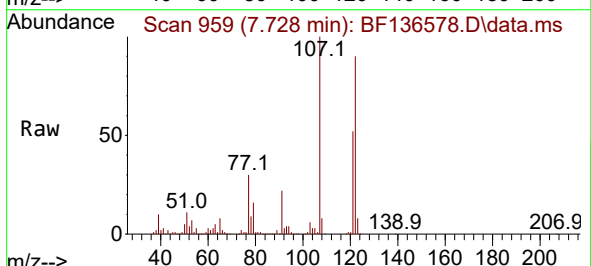


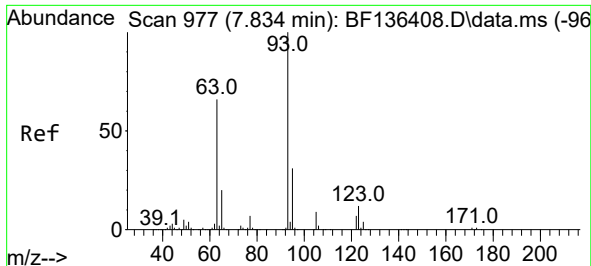
Tgt Ion:139 Resp: 162549
Ion Ratio Lower Upper
139 100
109 27.9 23.6 35.4
65 44.3 39.4 59.2



#27
2,4-Dimethylphenol
Concen: 53.228 ng
RT: 7.728 min Scan# 959
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:122 Resp: 229551
Ion Ratio Lower Upper
122 100
107 111.7 89.3 133.9
121 57.6 47.6 71.4

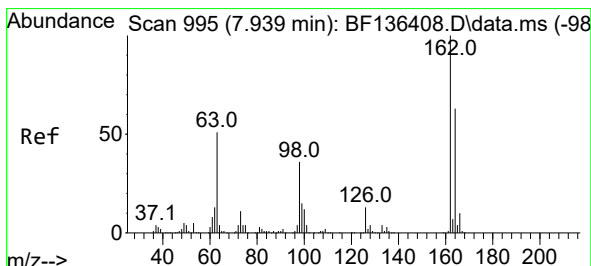
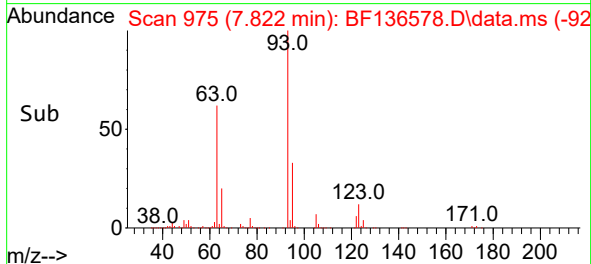
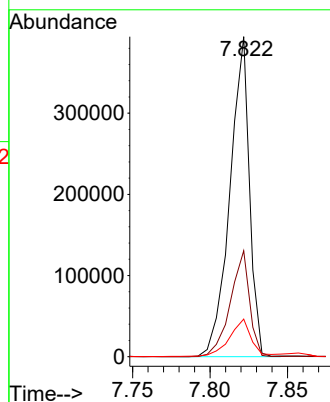
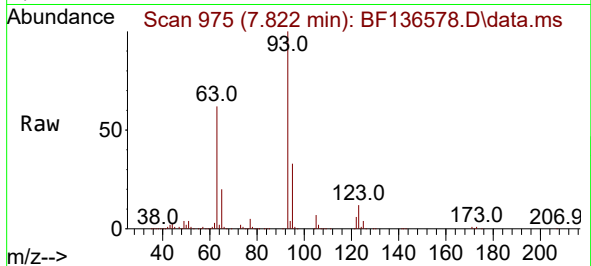




#28
bis(2-Chloroethoxy)methane
Concen: 44.303 ng
RT: 7.822 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

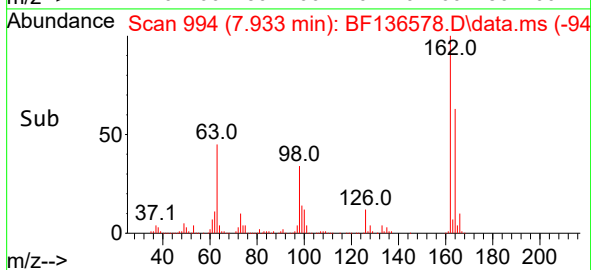
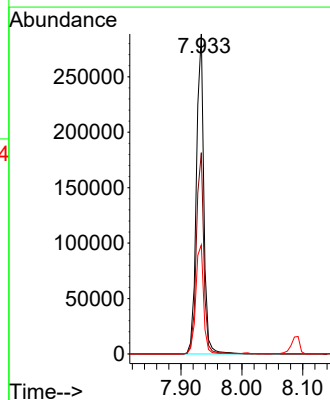
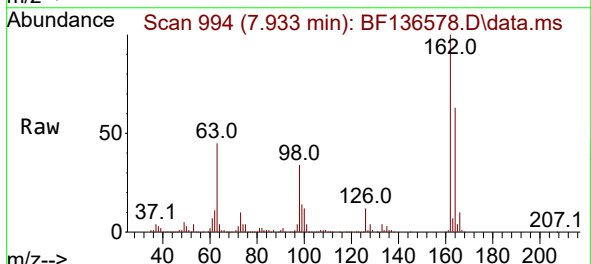
Instrument :
BNA_F
ClientSampleId :

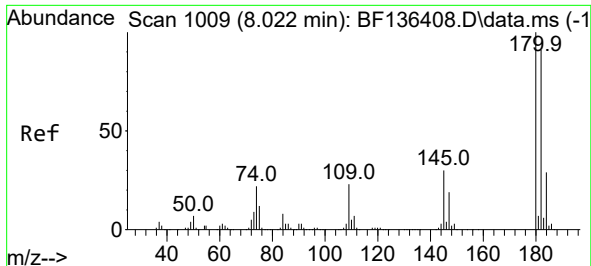
Tgt Ion: 93 Resp: 345886
Ion Ratio Lower Upper
93 100
95 33.1 25.0 37.4
123 11.8 9.4 14.0



#29
2,4-Dichlorophenol
Concen: 42.968 ng
RT: 7.933 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:162 Resp: 244591
Ion Ratio Lower Upper
162 100
164 62.9 43.0 83.0
98 34.1 16.2 56.2





#30

1,2,4-Trichlorobenzene

Concen: 42.790 ng

RT: 8.010 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

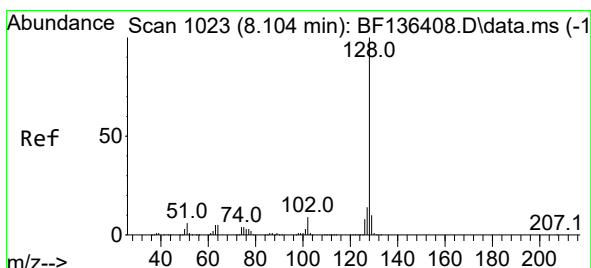
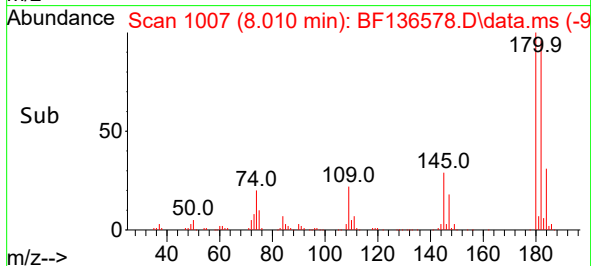
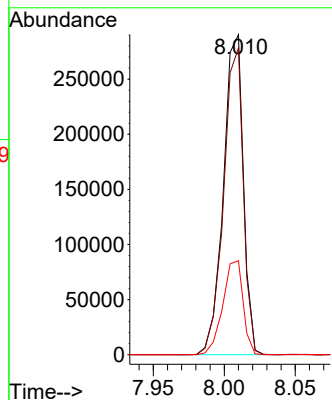
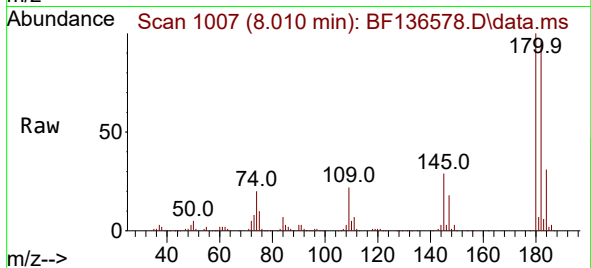
Tgt Ion:180 Resp: 284028

Ion Ratio Lower Upper

180 100

182 95.9 73.1 109.7

145 29.3 23.8 35.8



#31

Naphthalene

Concen: 55.281 ng

RT: 8.092 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

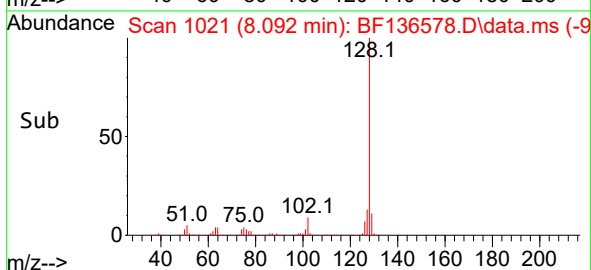
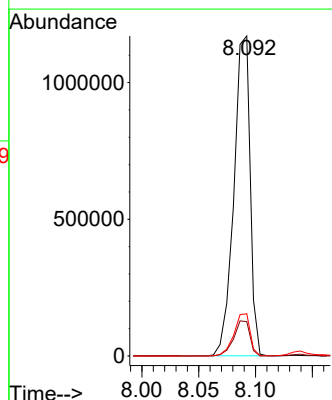
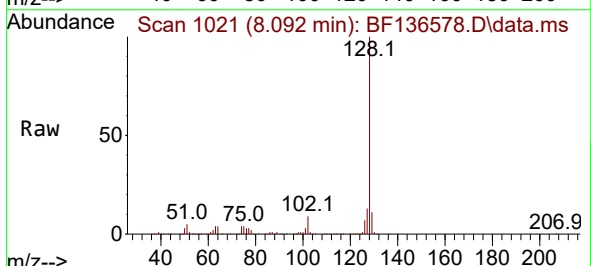
Tgt Ion:128 Resp: 1165488

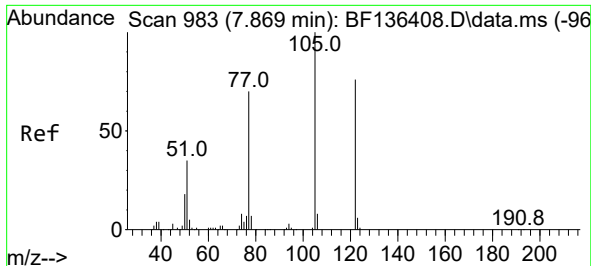
Ion Ratio Lower Upper

128 100

129 10.8 8.3 12.5

127 13.2 11.1 16.7

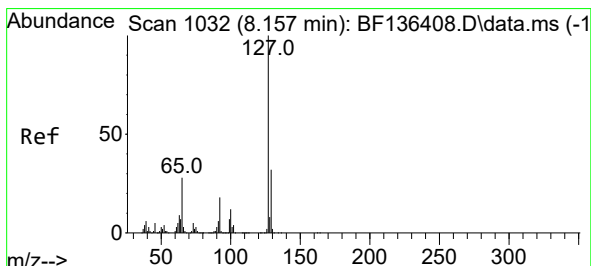
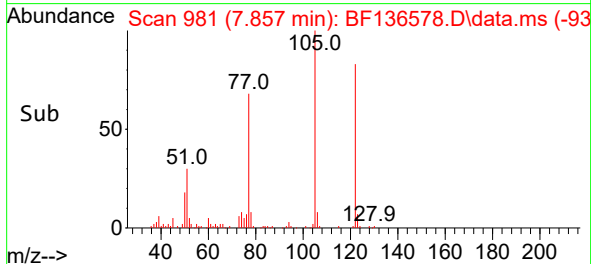
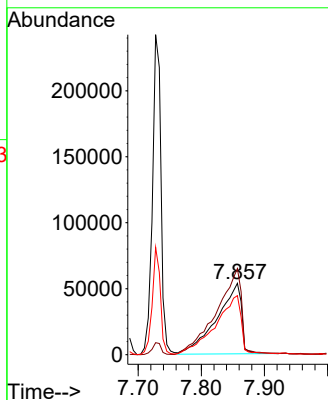
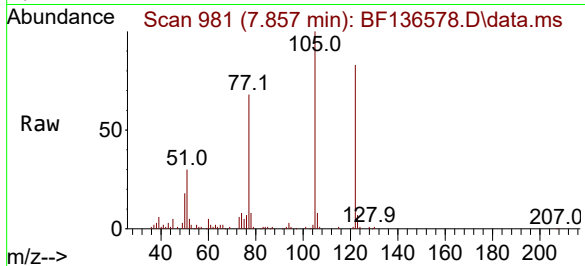




#32
Benzoic acid
Concen: 33.930 ng
RT: 7.857 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

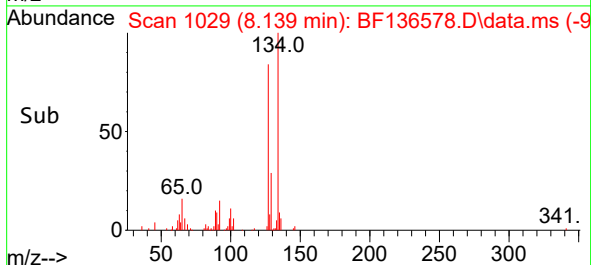
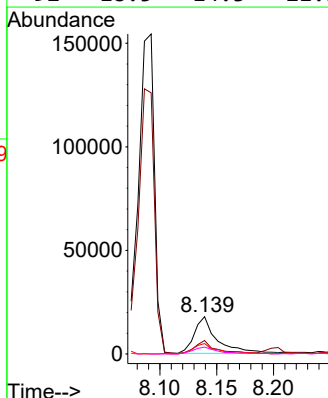
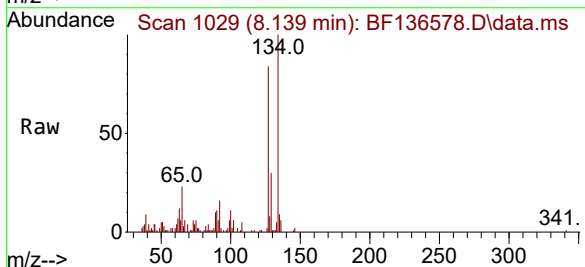
Instrument :
BNA_F
ClientSampleId :

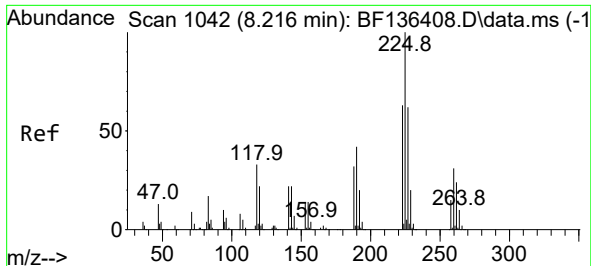
Tgt Ion:122 Resp: 145159
Ion Ratio Lower Upper
122 100
105 120.8 104.7 144.7
77 82.8 68.5 108.5



#33
4-Chloroaniline
Concen: 3.226 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:127 Resp: 24248
Ion Ratio Lower Upper
127 100
129 36.0 25.4 38.2
65 27.8 22.5 33.7
92 18.5 14.3 21.5





#34

Hexachlorobutadiene

Concen: 41.945 ng

RT: 8.204 min Scan# 1040

Delta R.T. -0.000 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

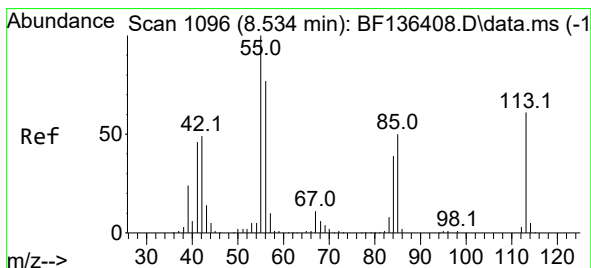
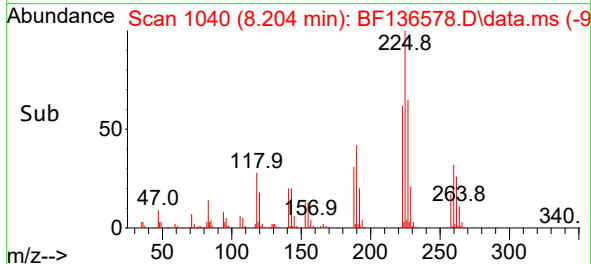
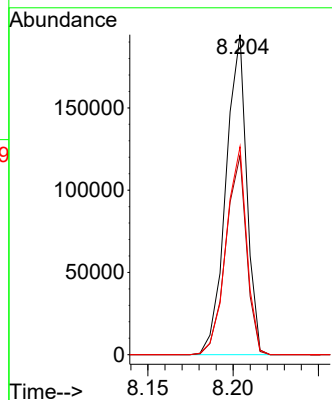
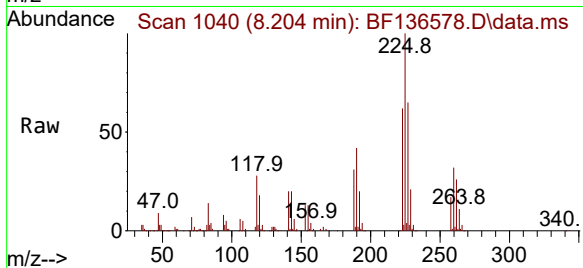
Tgt Ion:225 Resp: 165003

Ion Ratio Lower Upper

225 100

223 62.3 50.8 76.2

227 65.0 49.8 74.8



#35

Caprolactam

Concen: 23.492 ng

RT: 8.510 min Scan# 1092

Delta R.T. -0.012 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

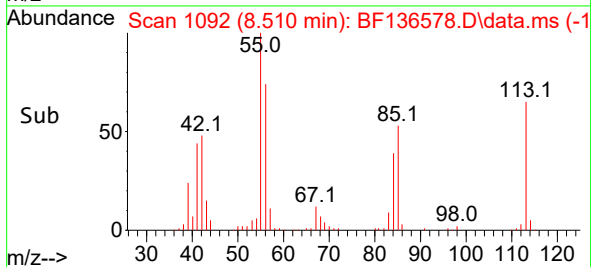
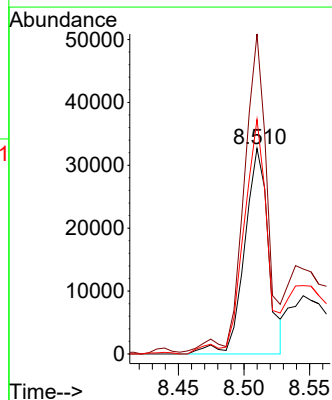
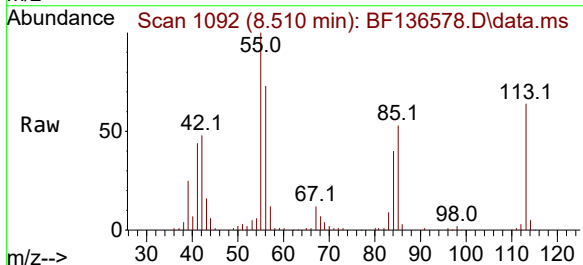
Tgt Ion:113 Resp: 41181

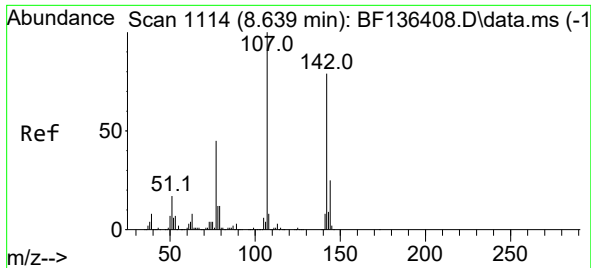
Ion Ratio Lower Upper

113 100

55 155.7 143.7 183.7

56 114.1 105.2 145.2

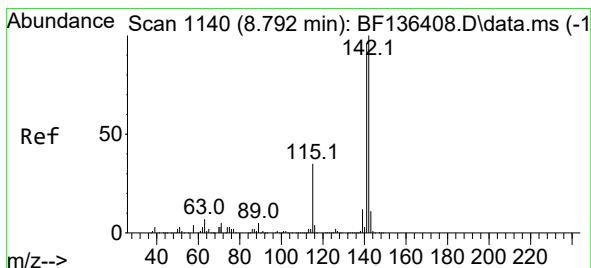
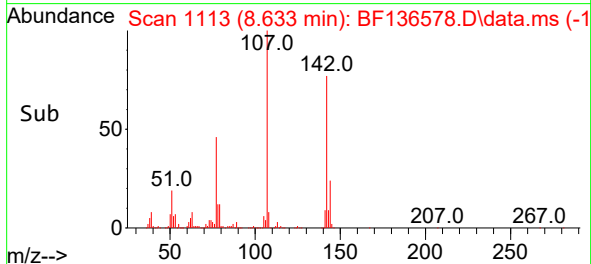
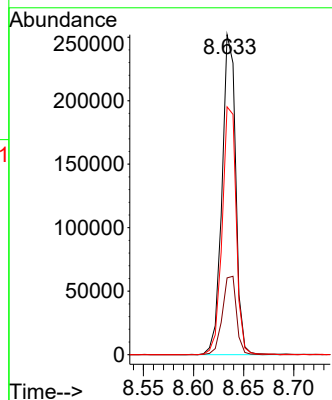
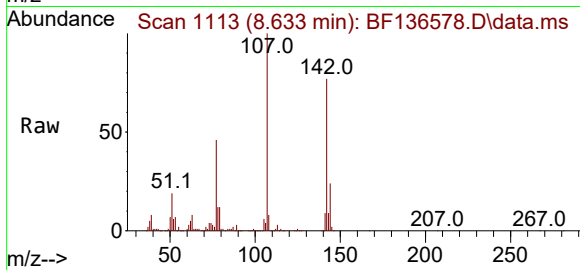




#36
 4-Chloro-3-methylphenol
 Concen: 39.595 ng
 RT: 8.633 min Scan# 1113
 Delta R.T. 0.006 min
 Lab File: BF136578.D
 Acq: 14 Dec 2023 20:22

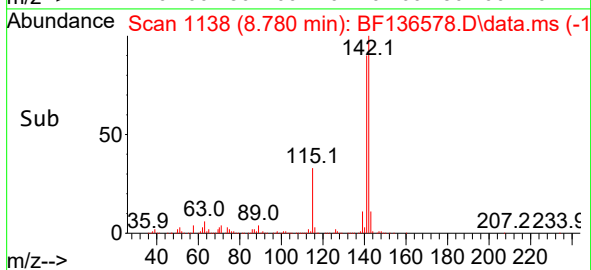
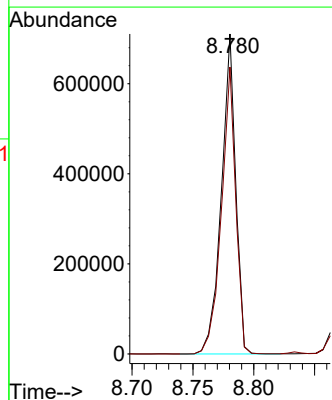
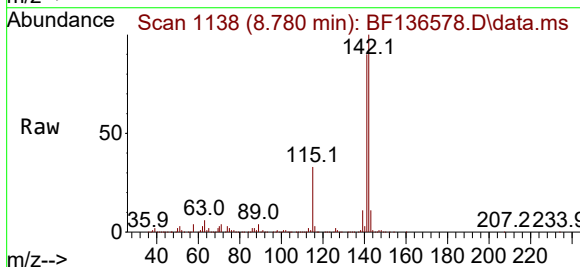
Instrument :
 BNA_F
 ClientSampleId :

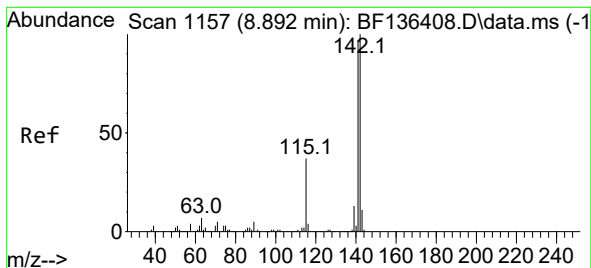
Tgt Ion:107 Resp: 239315
 Ion Ratio Lower Upper
 107 100
 144 24.0 20.1 30.1
 142 77.5 63.1 94.7



#37
 2-Methylnaphthalene
 Concen: 43.403 ng
 RT: 8.780 min Scan# 1138
 Delta R.T. -0.000 min
 Lab File: BF136578.D
 Acq: 14 Dec 2023 20:22

Tgt Ion:142 Resp: 582156
 Ion Ratio Lower Upper
 142 100
 141 89.6 76.4 114.6





#38

1-Methylnaphthalene

Concen: 42.229 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

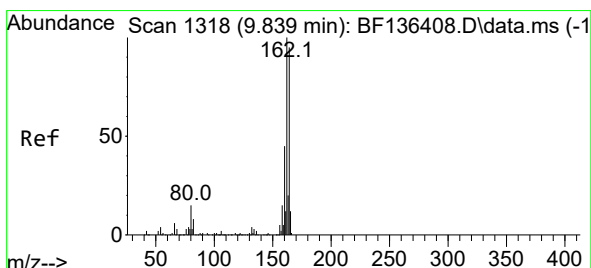
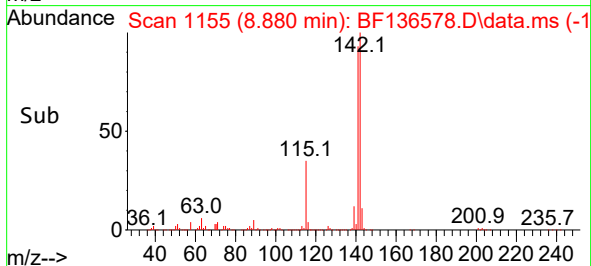
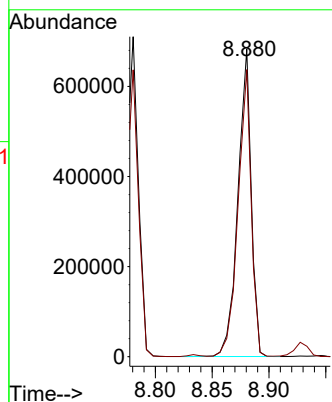
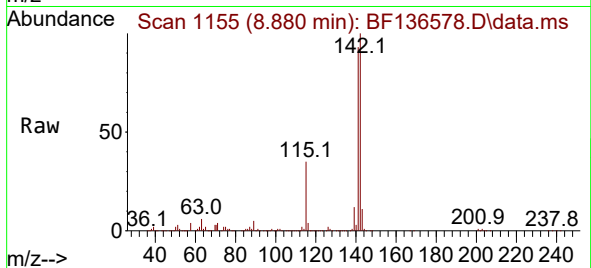
ClientSampleId :

Tgt Ion:142 Resp: 555814

Ion Ratio Lower Upper

142 100

141 93.2 77.7 116.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

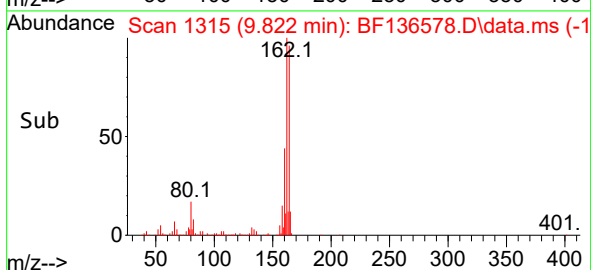
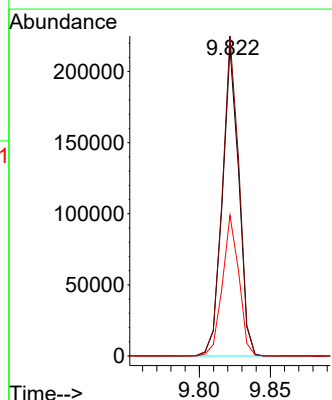
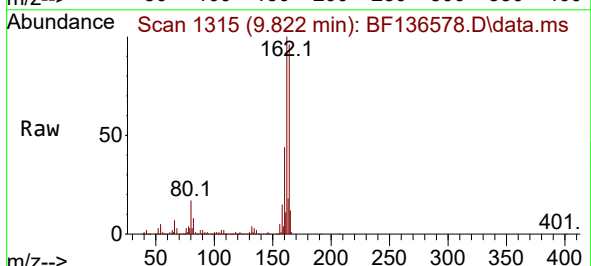
Tgt Ion:164 Resp: 174311

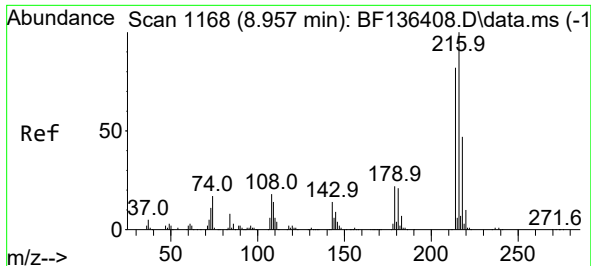
Ion Ratio Lower Upper

164 100

162 103.9 84.4 126.6

160 45.7 37.6 56.4

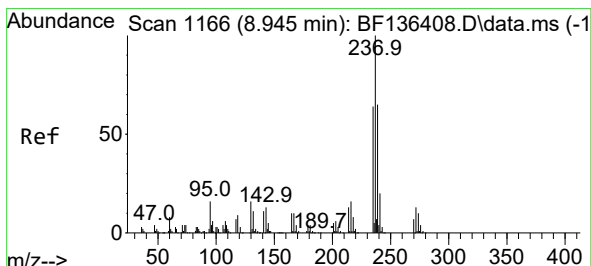
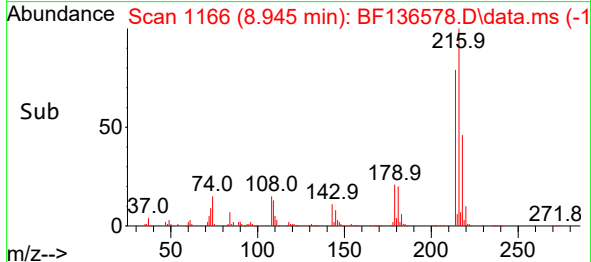
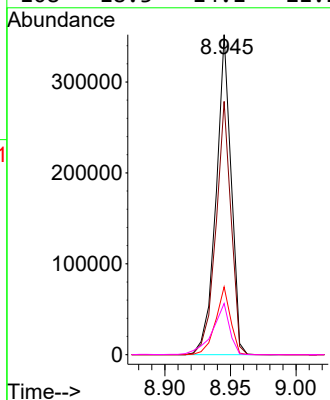
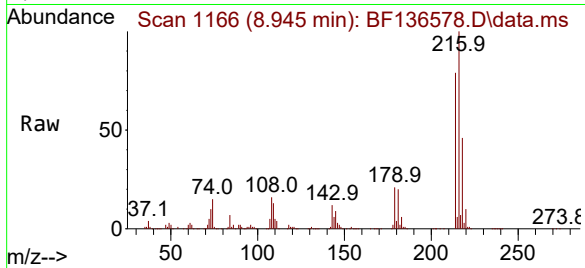




#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.661 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

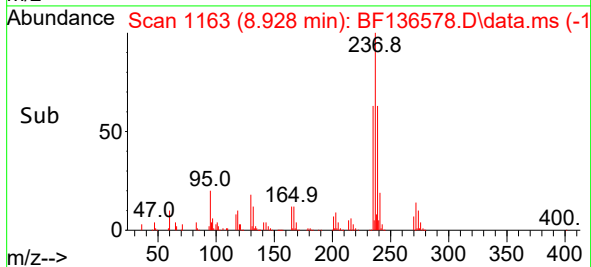
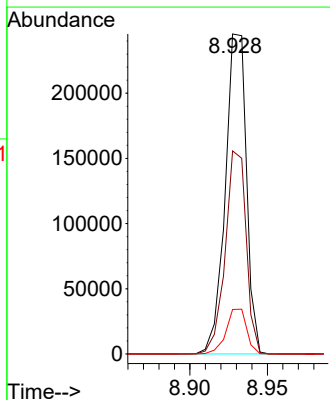
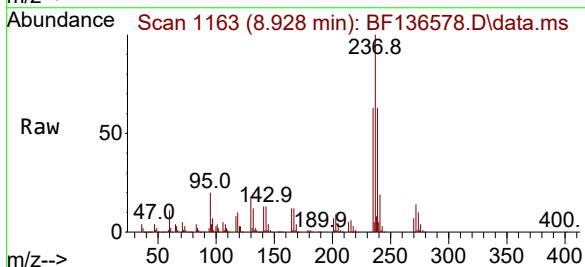
Instrument :
BNA_F
ClientSampleId :

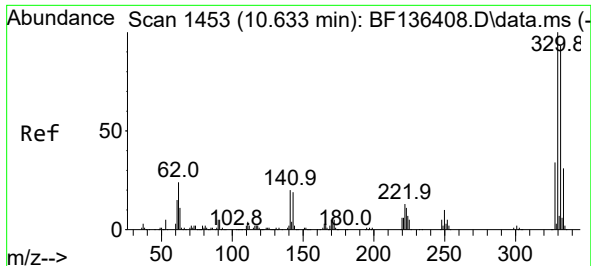
Tgt Ion:	216	Resp:	280160
Ion	Ratio	Lower	Upper
216	100		
214	79.2	64.1	96.1
179	20.9	17.0	25.6
108	18.3	14.1	21.1



#41
Hexachlorocyclopentadiene
Concen: 116.485 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:	237	Resp:	234030
Ion	Ratio	Lower	Upper
237	100		
235	63.5	44.1	84.1
272	13.9	0.0	33.3





#42

2,4,6-Tribromophenol

Concen: 125.424 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.000 min

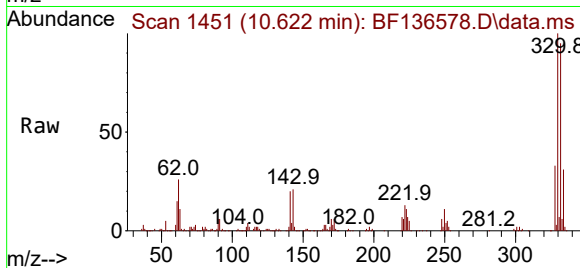
Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :



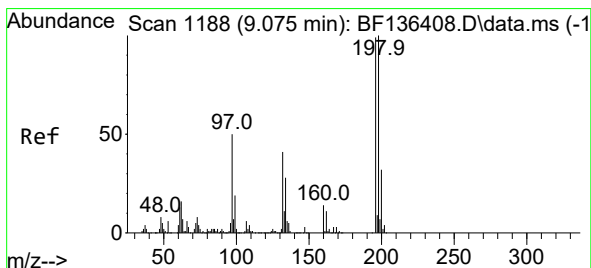
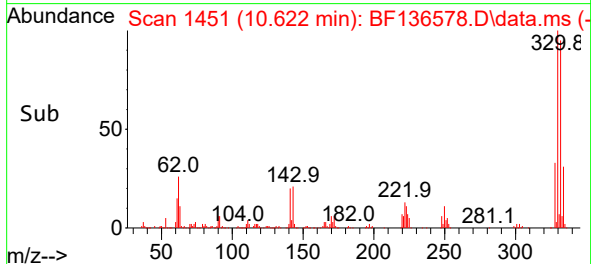
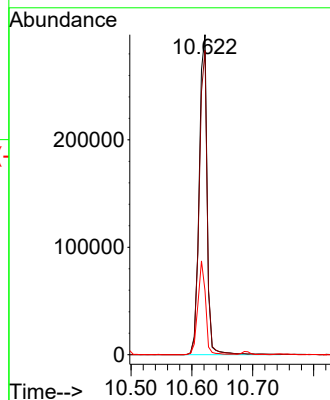
Tgt Ion:330 Resp: 269570

Ion Ratio Lower Upper

330 100

332 94.9 76.4 114.6

141 28.5 23.4 35.2



#43

2,4,6-Trichlorophenol

Concen: 46.892 ng

RT: 9.063 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

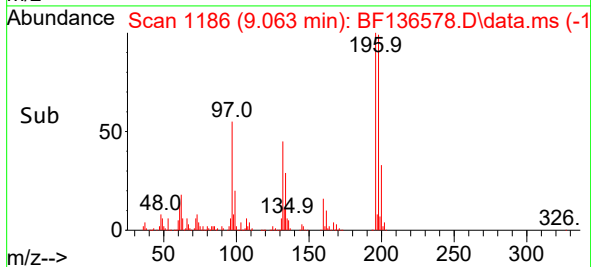
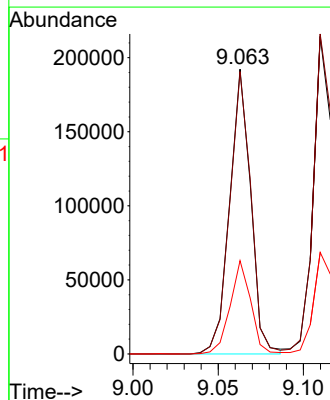
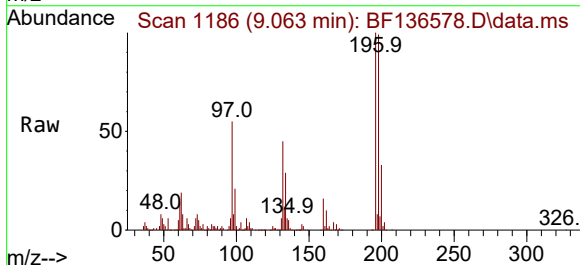
Tgt Ion:196 Resp: 165581

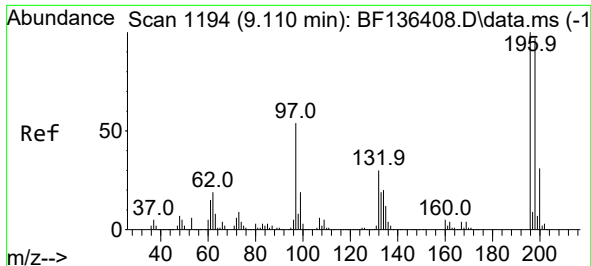
Ion Ratio Lower Upper

196 100

198 99.1 80.4 120.6

200 32.8 25.9 38.9

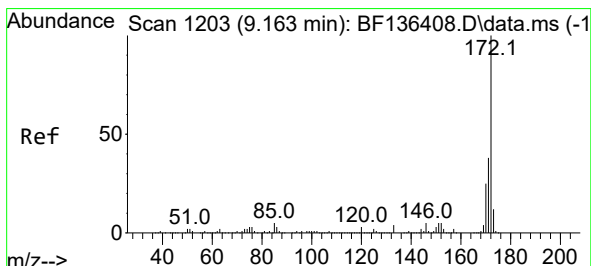
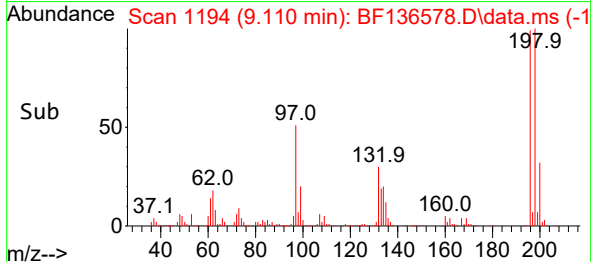
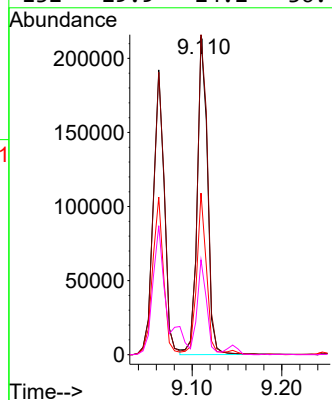
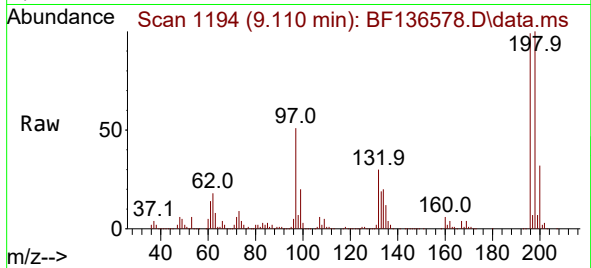




#44
2,4,5-Trichlorophenol
Concen: 43.212 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

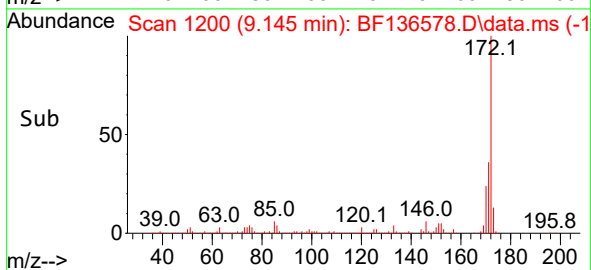
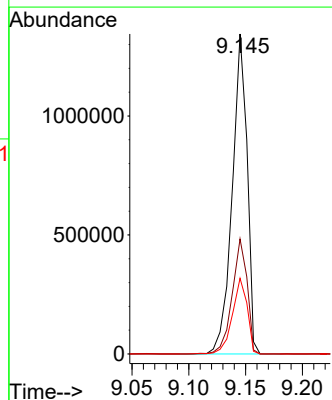
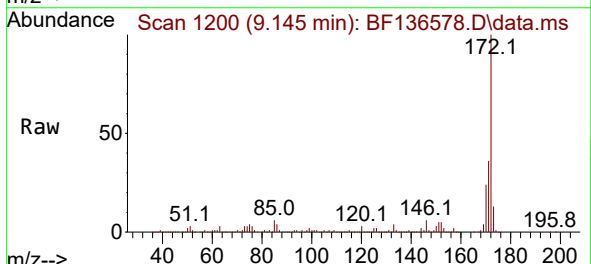
Instrument :
BNA_F
ClientSampleId :

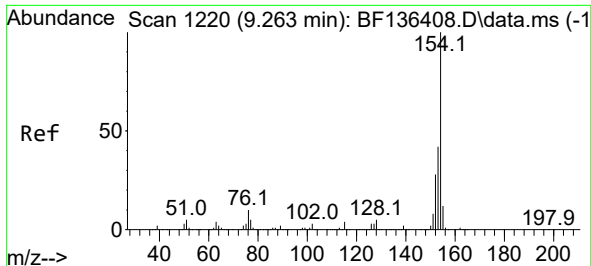
Tgt Ion:196	Resp: 170301
Ion Ratio	Lower Upper
196	100
198	100.8 78.1 117.1
97	50.9 43.4 65.2
132	29.9 24.2 36.4



#45
2-Fluorobiphenyl
Concen: 95.632 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:172	Resp: 1221670
Ion Ratio	Lower Upper
172	100
171	36.0 30.5 45.7
170	23.7 19.9 29.9

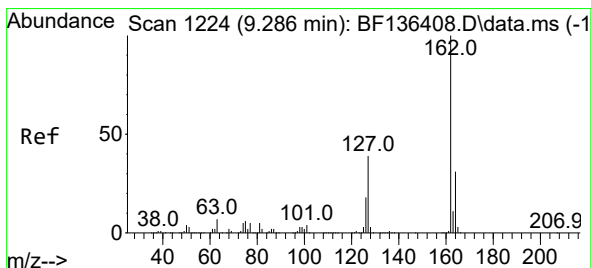
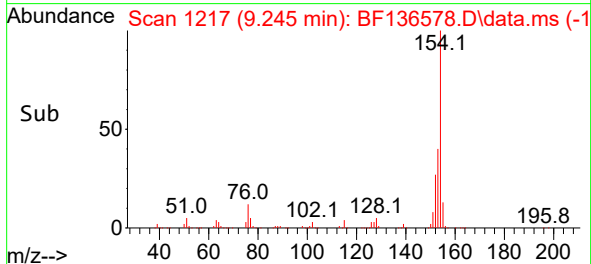
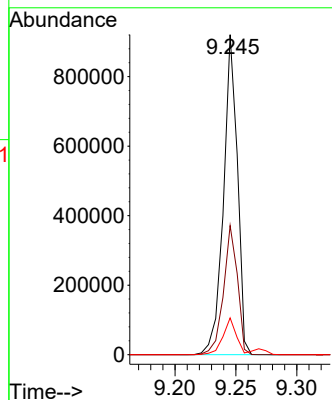
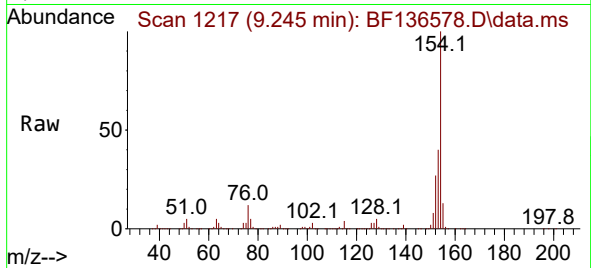




#46
1,1'-Biphenyl
Concen: 49.414 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

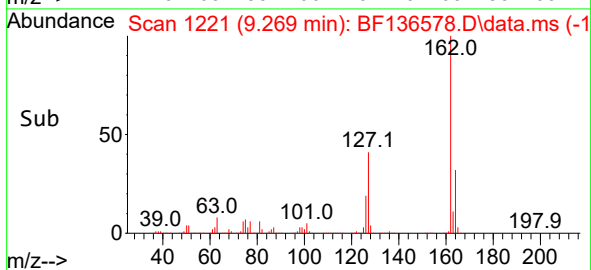
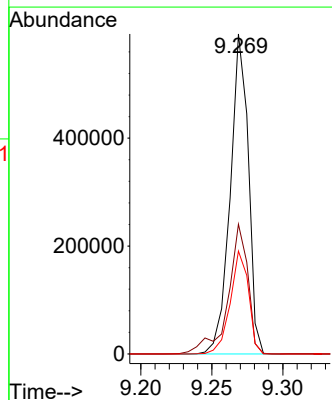
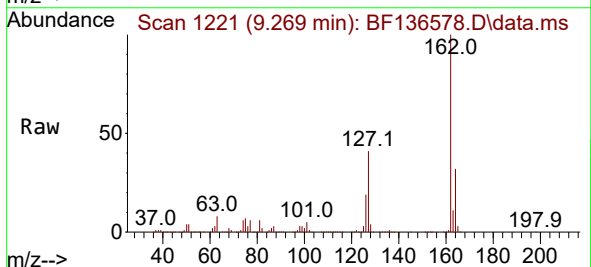
Instrument :
BNA_F
ClientSampleId :

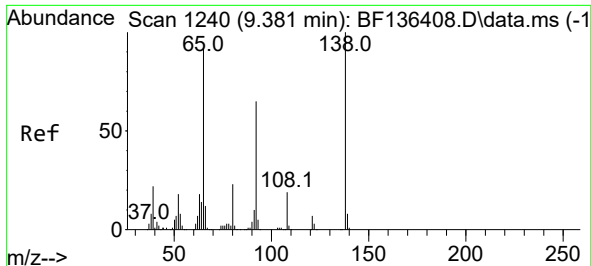
Tgt Ion:154 Resp: 732916
Ion Ratio Lower Upper
154 100
153 40.4 22.5 62.5
76 11.5 0.0 29.9



#47
2-Chloronaphthalene
Concen: 45.686 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:162 Resp: 527400
Ion Ratio Lower Upper
162 100
127 40.6 31.1 46.7
164 32.2 24.6 37.0

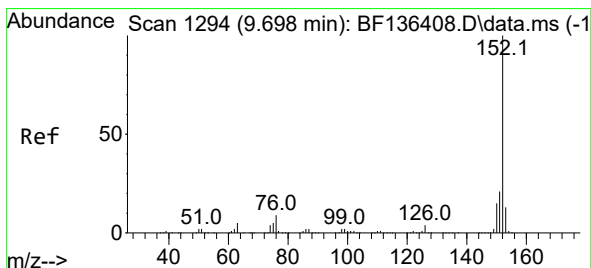
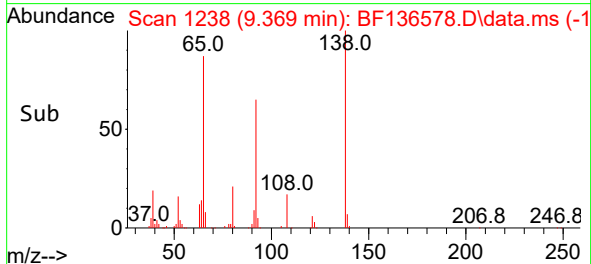
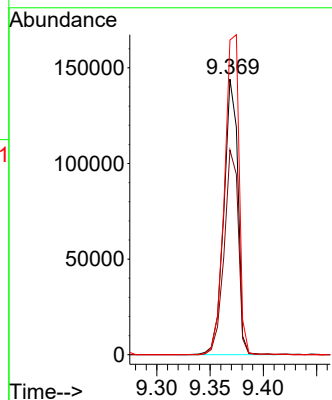
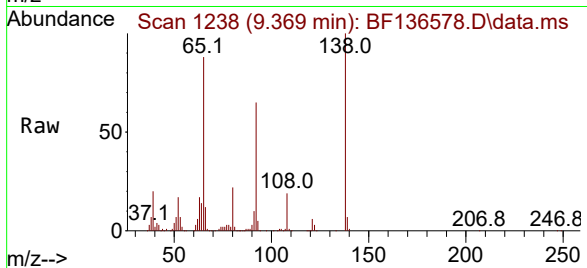




#48
2-Nitroaniline
Concen: 42.590 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

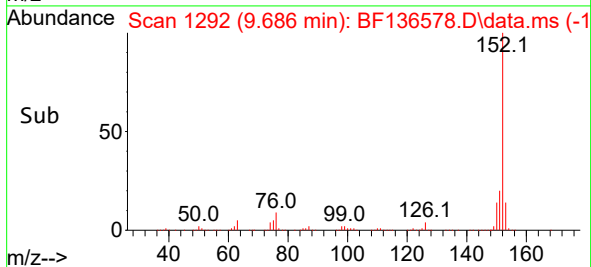
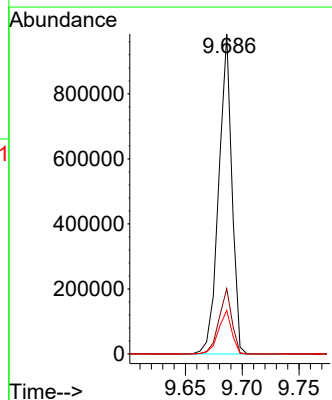
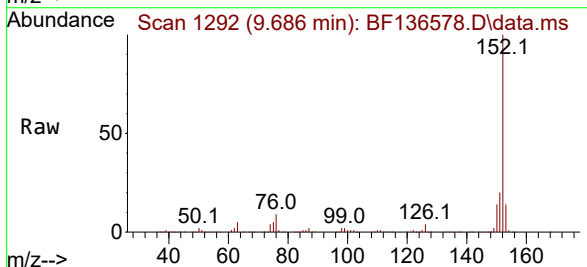
Instrument :
BNA_F
ClientSampleId :

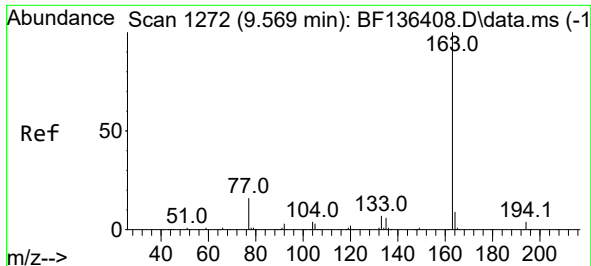
Tgt Ion: 65 Resp: 131867
Ion Ratio Lower Upper
65 100
92 74.3 56.1 84.1
138 114.1 86.7 130.1



#49
Acenaphthylene
Concen: 48.261 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

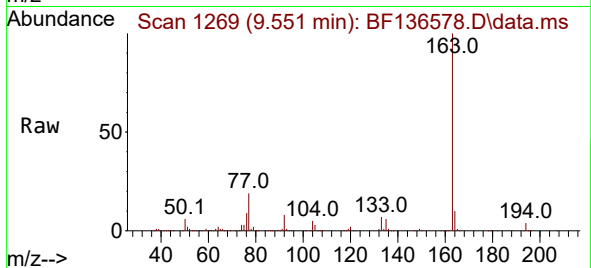
Tgt Ion:152 Resp: 793648
Ion Ratio Lower Upper
152 100
151 20.4 17.2 25.8
153 13.6 10.6 15.8



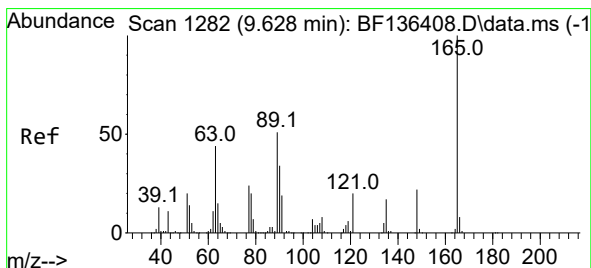
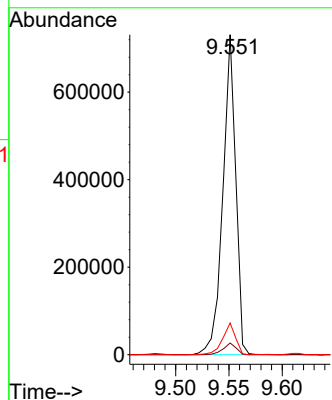
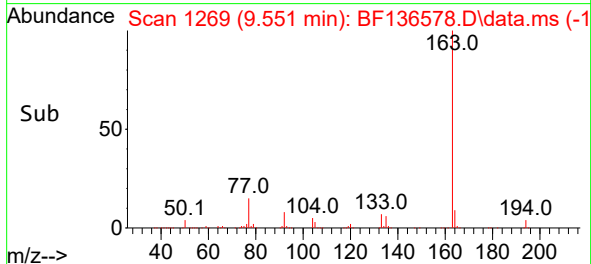


#50
Dimethylphthalate
Concen: 47.655 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :
BNA_F
ClientSampleId :

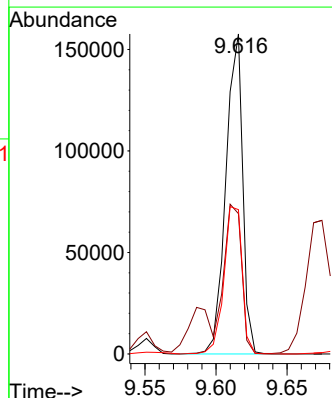
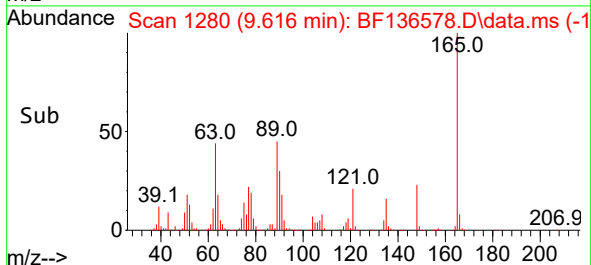
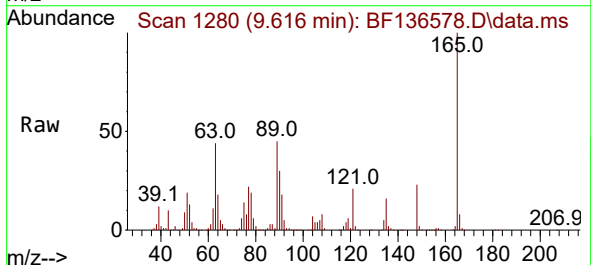


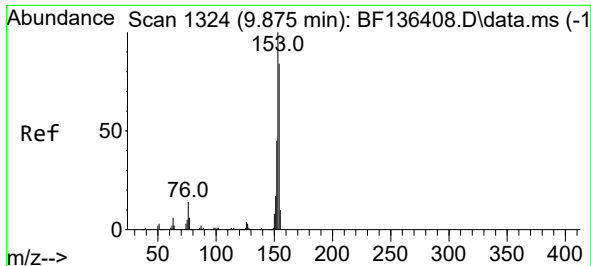
Tgt Ion:163 Resp: 611580
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.9 7.4 11.2



#51
2,6-Dinitrotoluene
Concen: 44.912 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:165 Resp: 129668
Ion Ratio Lower Upper
165 100
63 43.9 40.4 60.6
89 45.1 40.6 60.8

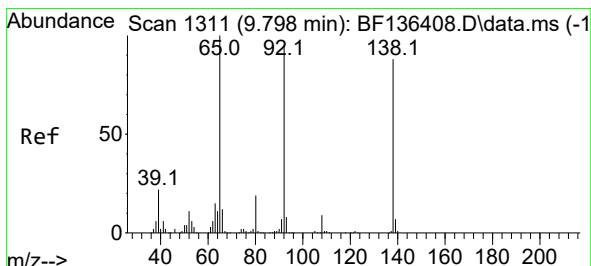
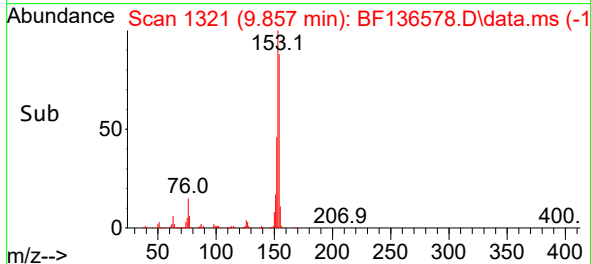
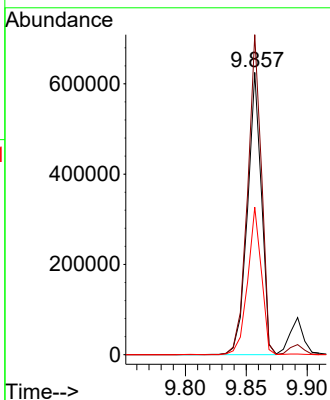
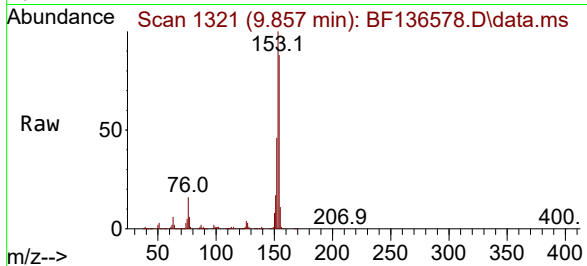




#52
Acenaphthene
Concen: 47.500 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

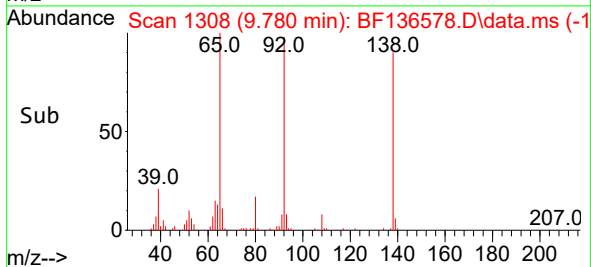
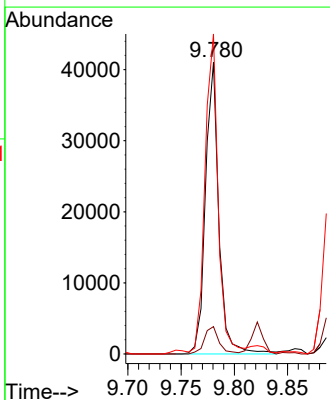
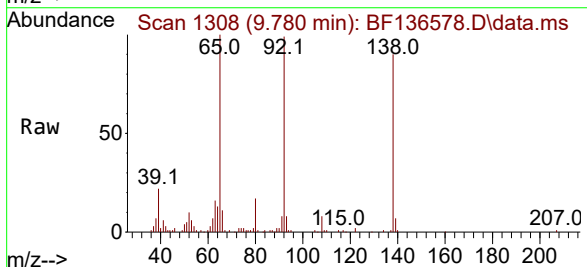
Instrument :
BNA_F
ClientSampleId :

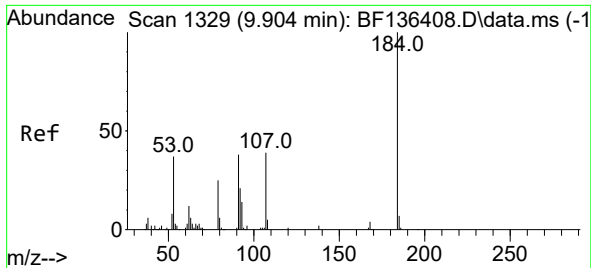
Tgt Ion:154 Resp: 500560
Ion Ratio Lower Upper
154 100
153 113.4 95.3 142.9
152 52.3 43.2 64.8



#53
3-Nitroaniline
Concen: 12.217 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

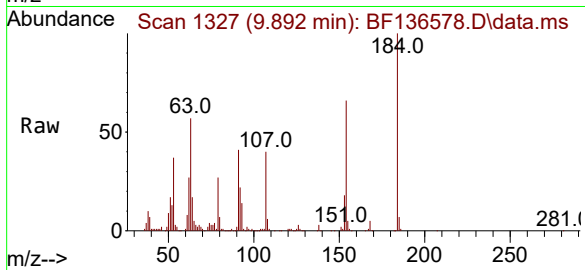
Tgt Ion:138 Resp: 36019
Ion Ratio Lower Upper
138 100
108 9.4 8.5 12.7
92 109.7 86.1 129.1



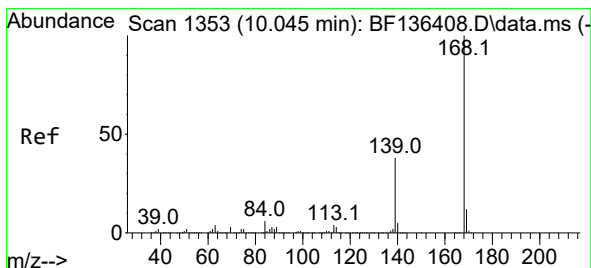
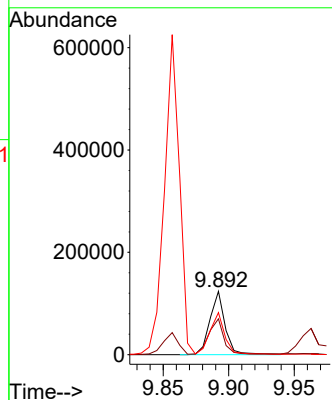
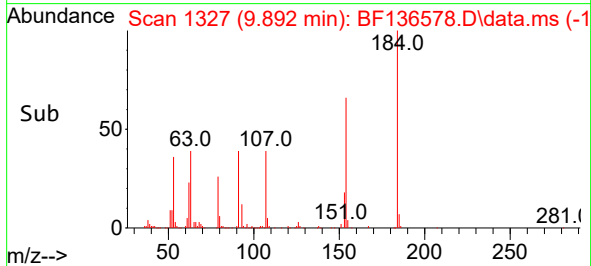


#54
2,4-Dinitrophenol
Concen: 68.603 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

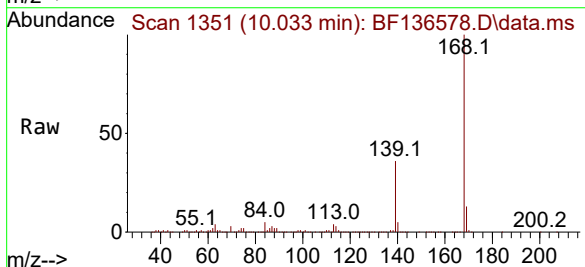
Instrument :
BNA_F
ClientSampleId :



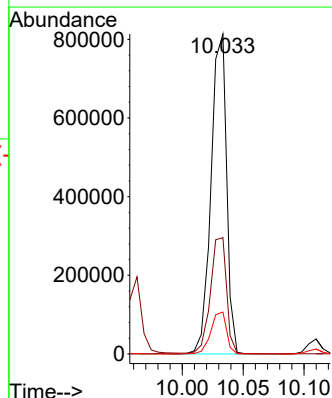
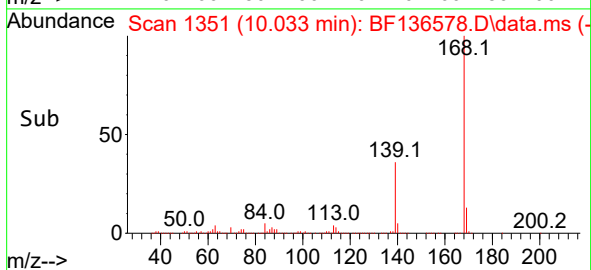
Tgt Ion:184 Resp: 100143
Ion Ratio Lower Upper
184 100
63 56.7 39.1 58.7
154 66.4 49.9 74.9

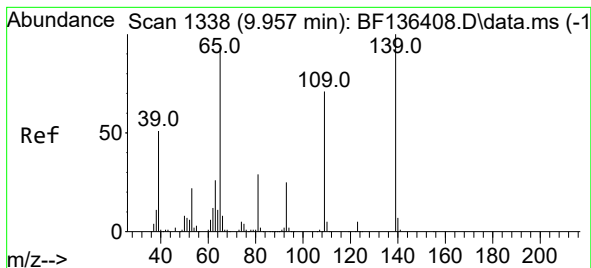


#55
Dibenzofuran
Concen: 46.895 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22



Tgt Ion:168 Resp: 721931
Ion Ratio Lower Upper
168 100
139 36.3 30.4 45.6
169 13.1 9.9 14.9

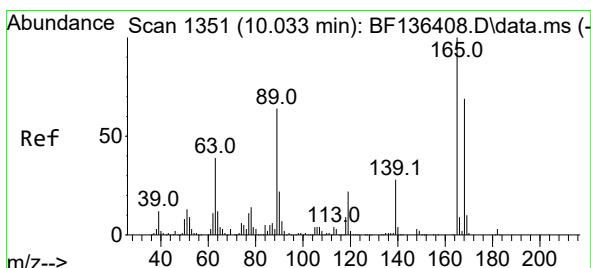
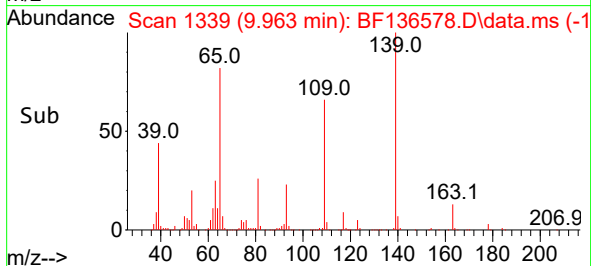
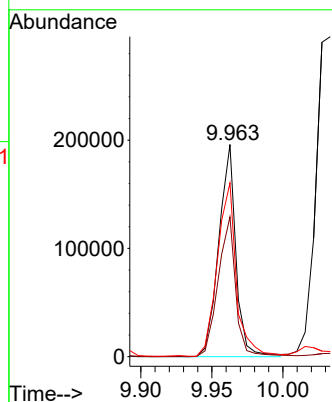
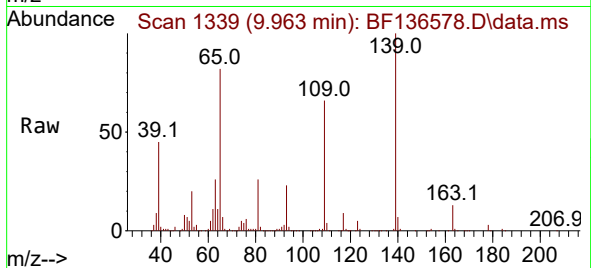




#56
4-Nitrophenol
Concen: 74.347 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

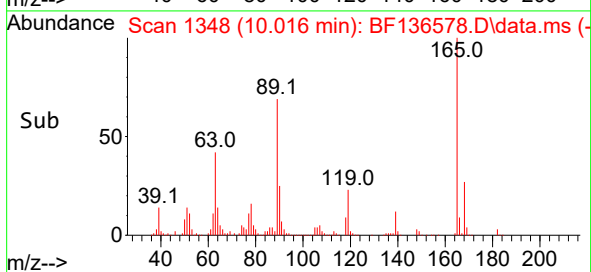
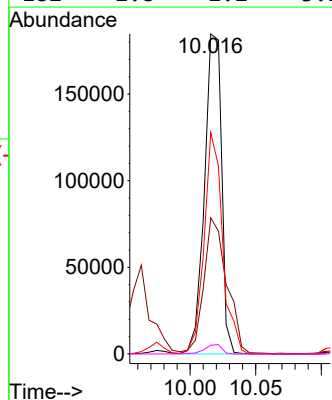
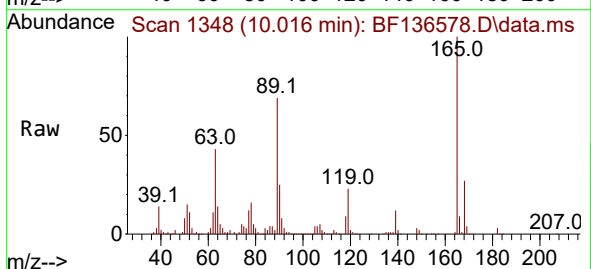
Instrument :
BNA_F
ClientSampleId :

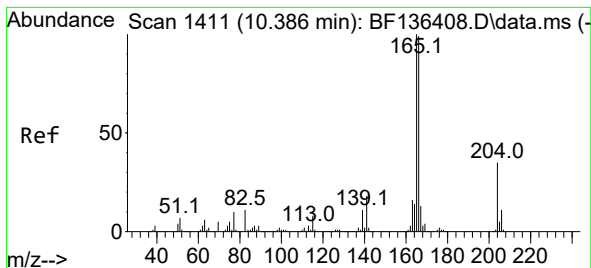
Tgt Ion:139 Resp: 164318
Ion Ratio Lower Upper
139 100
109 65.9 50.6 90.6
65 81.9 73.1 113.1



#57
2,4-Dinitrotoluene
Concen: 44.181 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:165 Resp: 168742
Ion Ratio Lower Upper
165 100
63 42.6 31.4 47.2
89 69.2 51.7 77.5
182 2.8 2.2 3.2





#58

Fluorene

Concen: 45.648 ng

RT: 10.374 min Scan# 1411

Delta R.T. -0.000 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

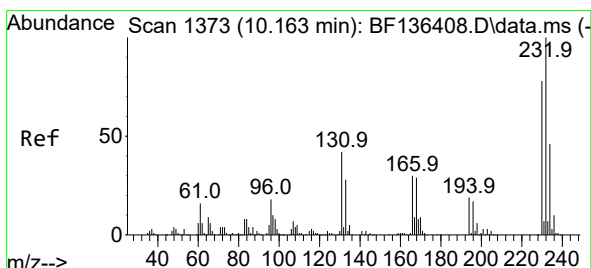
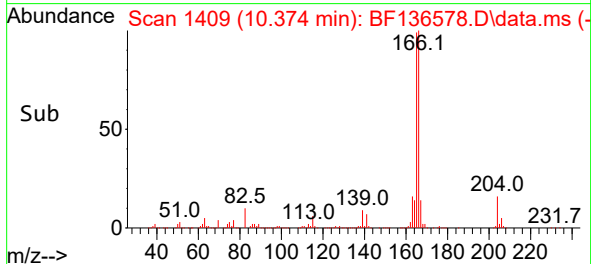
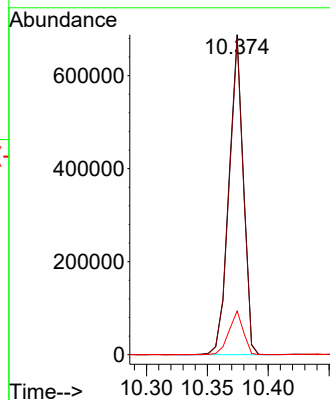
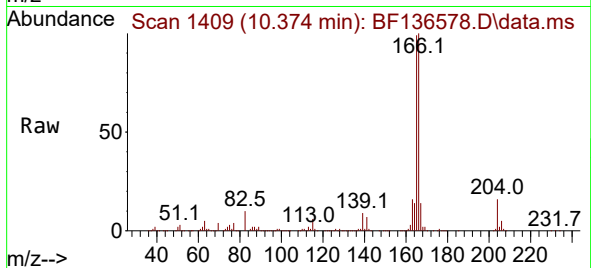
Tgt Ion:166 Resp: 564108

Ion Ratio Lower Upper

166 100

165 98.7 80.5 120.7

167 13.6 10.5 15.7



#59

2,3,4,6-Tetrachlorophenol

Concen: 43.927 ng

RT: 10.151 min Scan# 1371

Delta R.T. -0.000 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

Tgt Ion:232 Resp: 138671

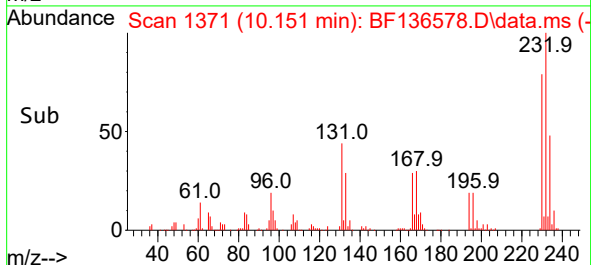
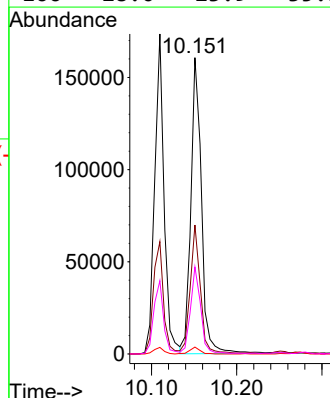
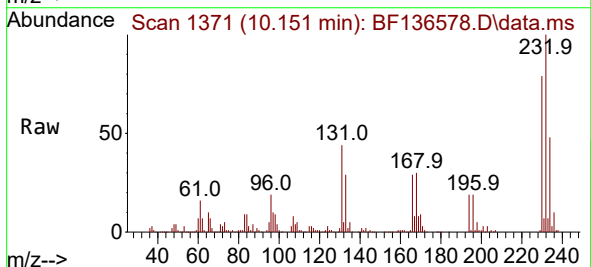
Ion Ratio Lower Upper

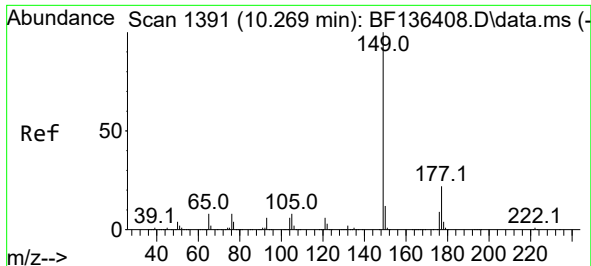
232 100

131 40.9 34.3 51.5

130 2.2 1.6 2.4

166 28.0 23.9 35.9

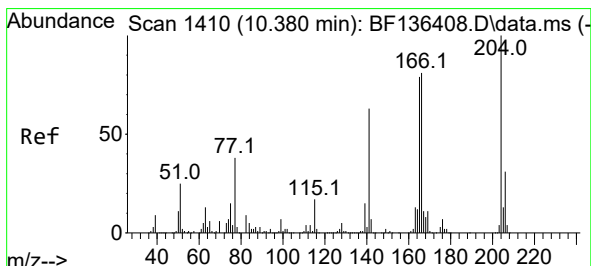
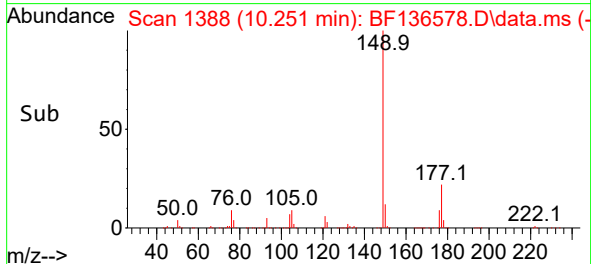
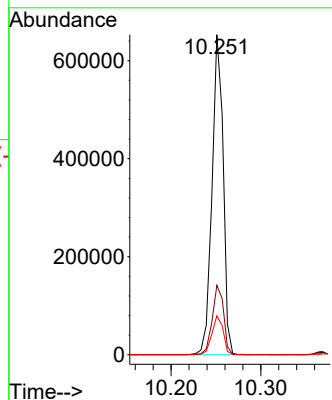
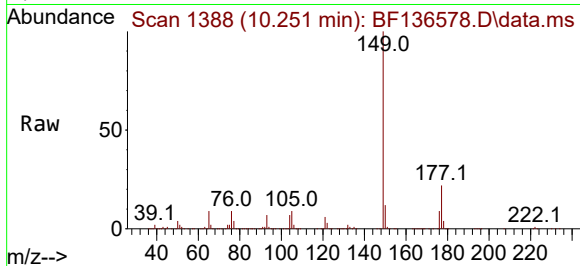




#60
Diethylphthalate
Concen: 44.513 ng
RT: 10.251 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

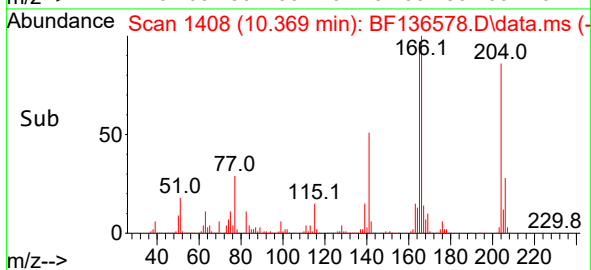
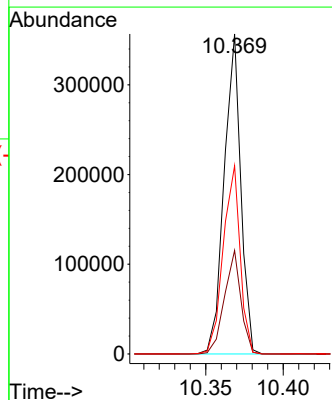
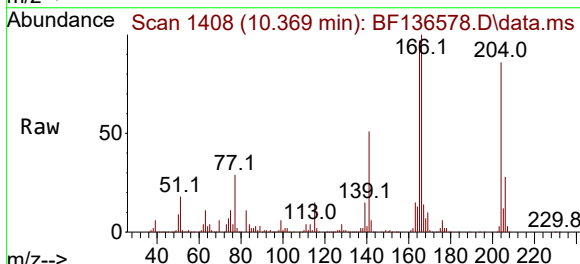
Instrument :
BNA_F
ClientSampleId :

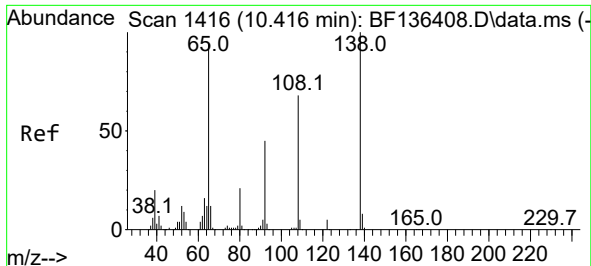
Tgt Ion:149 Resp: 561734
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.8
150 12.2 9.4 14.0



#61
4-Chlorophenyl-phenylether
Concen: 44.122 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:204 Resp: 265807
Ion Ratio Lower Upper
204 100
206 32.4 24.6 36.8
141 58.8 50.3 75.5

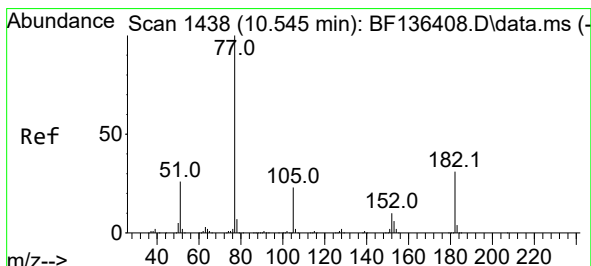
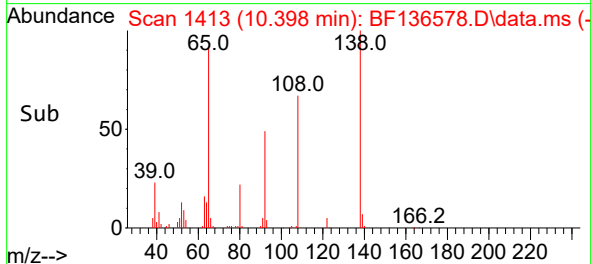
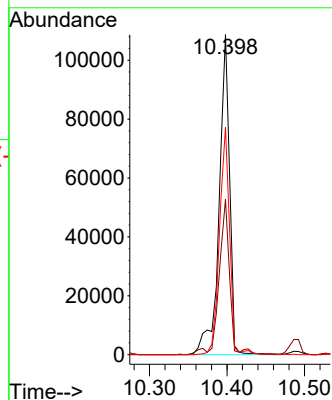
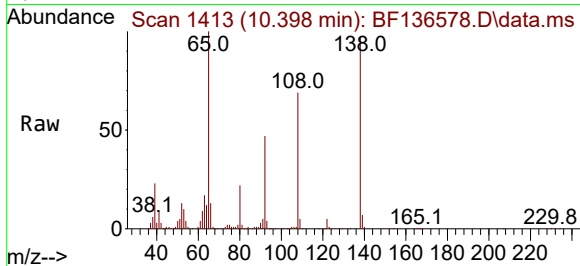




#62
4-Nitroaniline
Concen: 34.997 ng
RT: 10.398 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

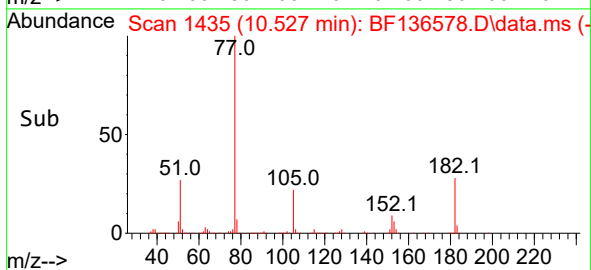
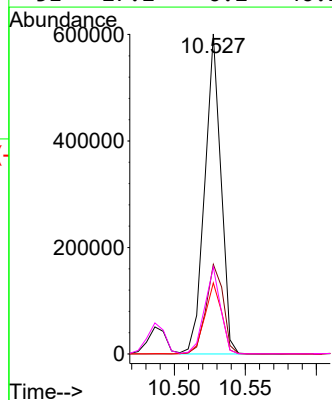
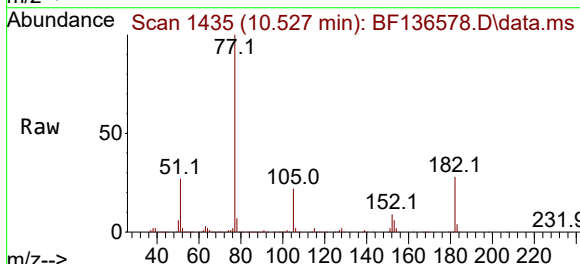
Instrument :
BNA_F
ClientSampleId :

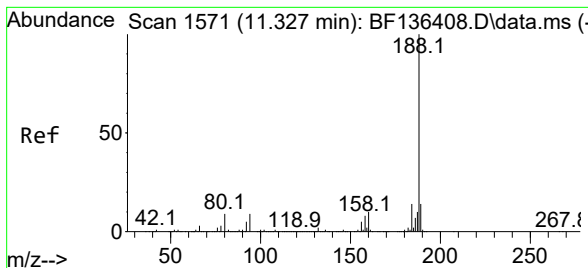
Tgt Ion:138 Resp: 102453
Ion Ratio Lower Upper
138 100
92 48.6 25.0 65.0
108 71.1 47.9 87.9



#63
Azobenzene
Concen: 41.513 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion: 77 Resp: 476837
Ion Ratio Lower Upper
77 100
182 28.0 10.8 50.8
105 22.2 2.6 42.6
51 27.2 6.2 46.2

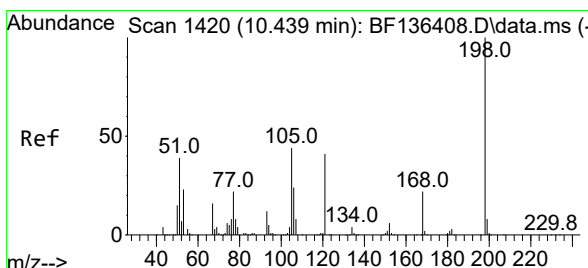
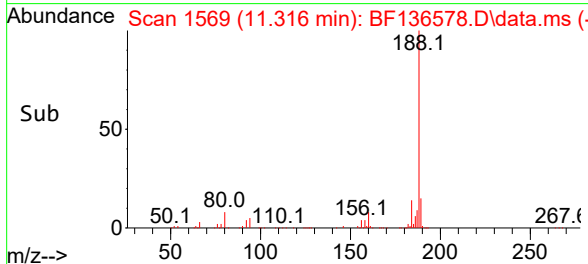
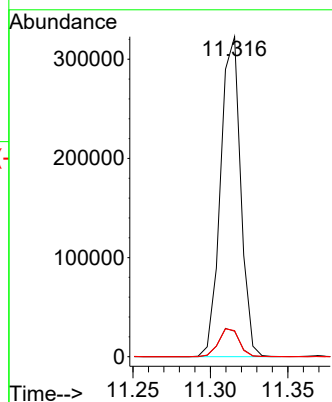
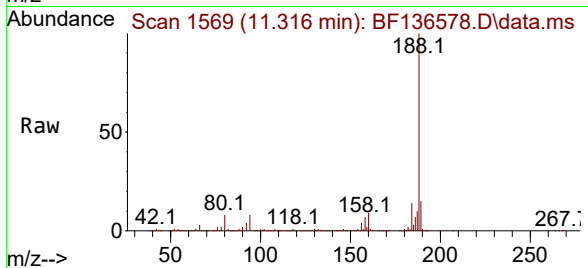




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

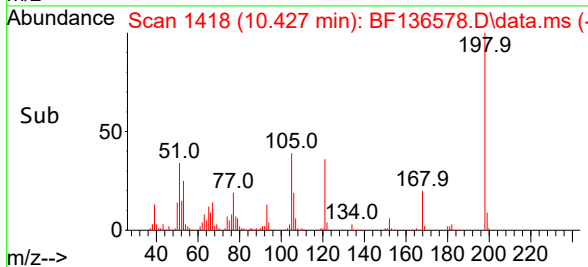
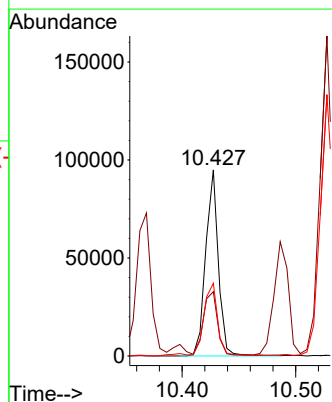
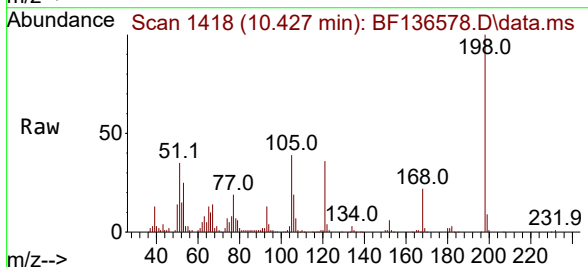
Instrument :
BNA_F
ClientSampleId :

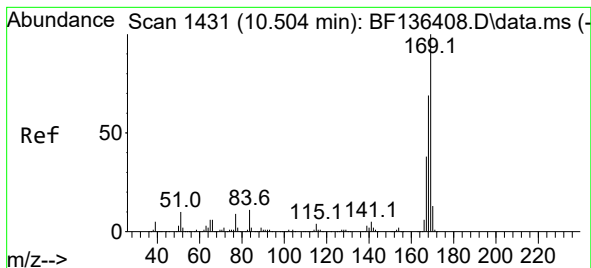
Tgt Ion:188 Resp: 291929
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 8.1 7.2 10.8



#65
4,6-Dinitro-2-methylphenol
Concen: 40.749 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:198 Resp: 73673
Ion Ratio Lower Upper
198 100
51 34.6 24.1 64.1
105 39.0 24.8 64.8

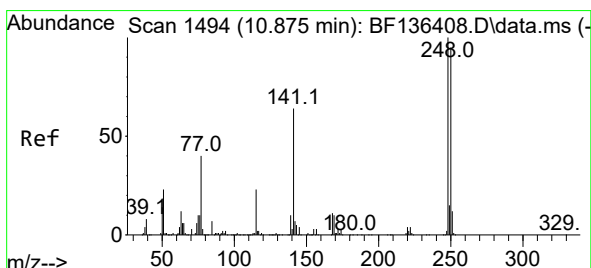
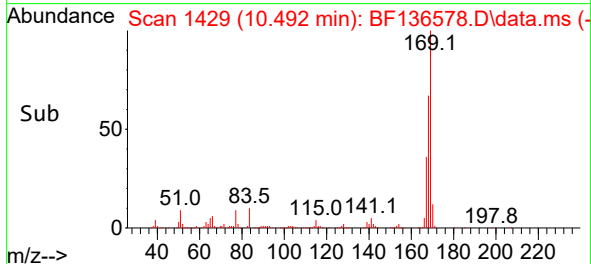
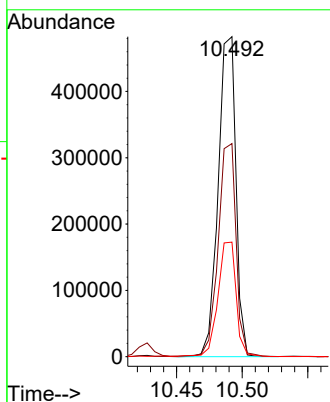
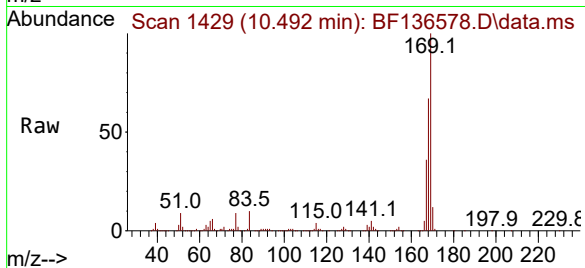




#66
n-Nitrosodiphenylamine
Concen: 48.343 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

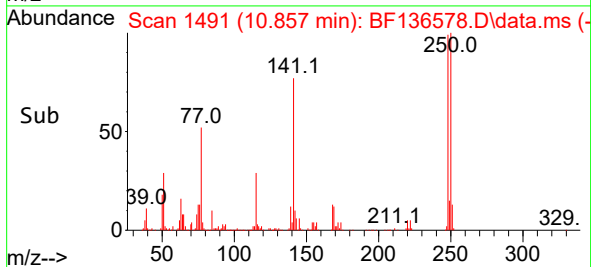
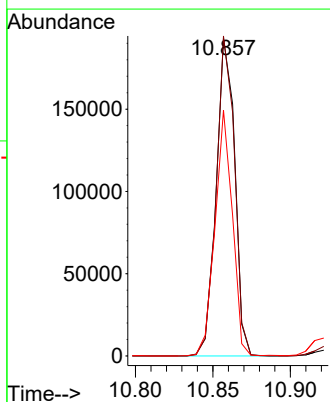
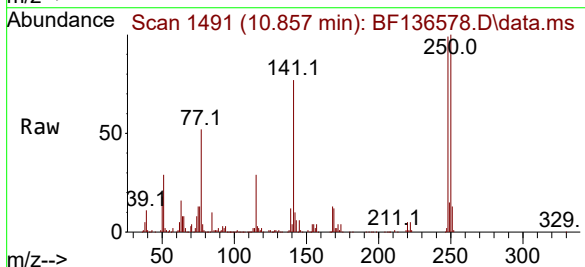
Instrument :
BNA_F
ClientSampleId :

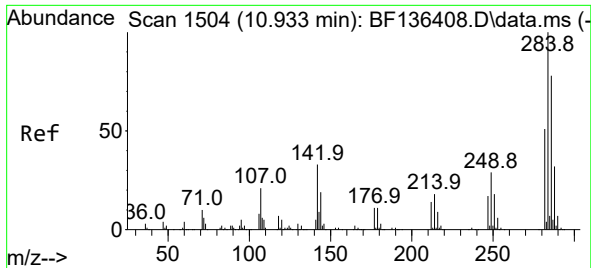
Tgt Ion:169 Resp: 452849
Ion Ratio Lower Upper
169 100
168 66.6 55.3 82.9
167 35.8 30.1 45.1



#67
4-Bromophenyl-phenylether
Concen: 47.444 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:248 Resp: 161033
Ion Ratio Lower Upper
248 100
250 100.7 76.2 114.2
141 77.4 51.0 76.4#

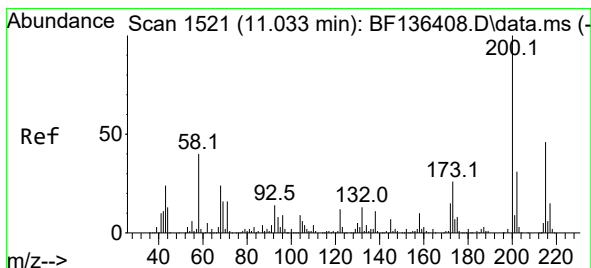
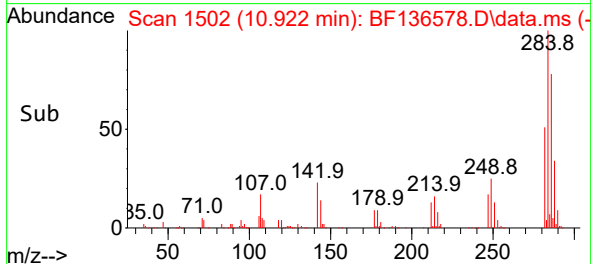
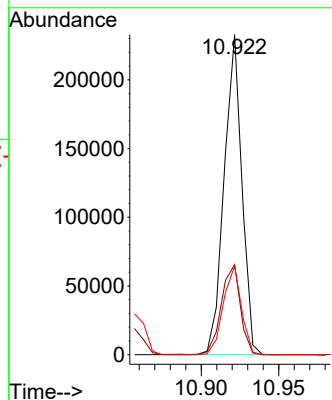
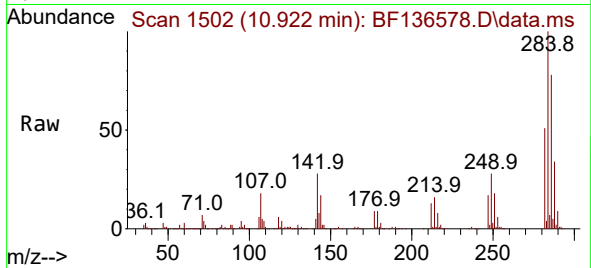




#68
Hexachlorobenzene
Concen: 47.187 ng
RT: 10.922 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

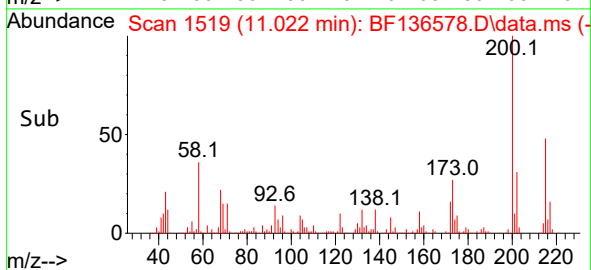
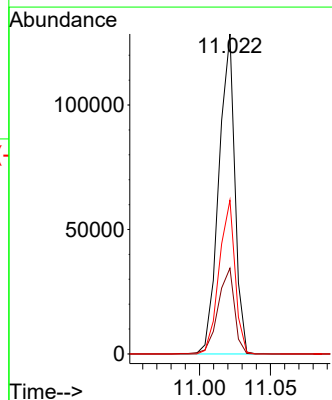
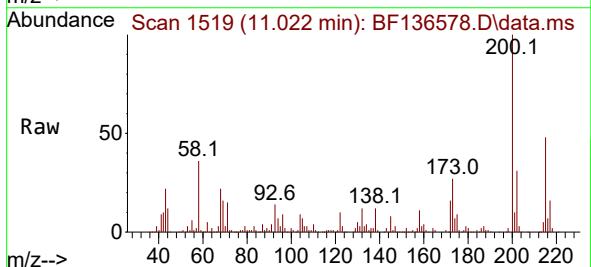
Instrument :
BNA_F
ClientSampleId :

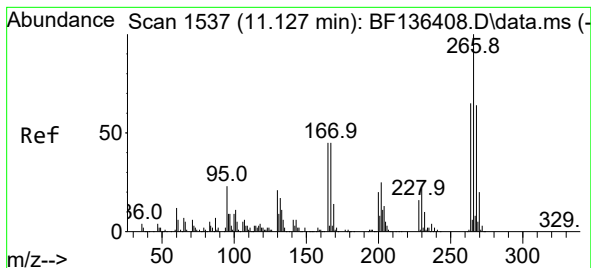
Tgt Ion:284 Resp: 185108
Ion Ratio Lower Upper
284 100
142 28.2 26.5 39.7
249 27.7 23.4 35.0



#69
Atrazine
Concen: 37.698 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:200 Resp: 100790
Ion Ratio Lower Upper
200 100
173 26.8 6.0 46.0
215 48.1 25.5 65.5





#70

Pentachlorophenol

Concen: 90.072 ng

RT: 11.121 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

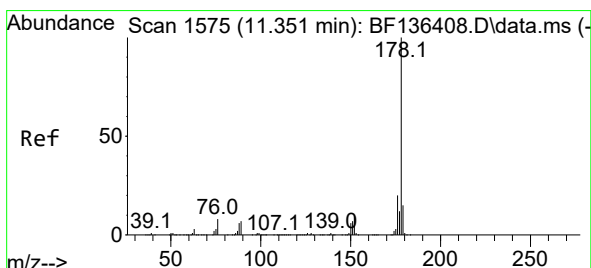
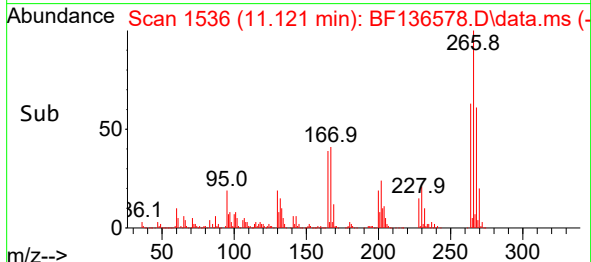
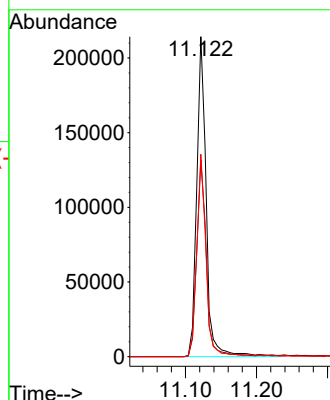
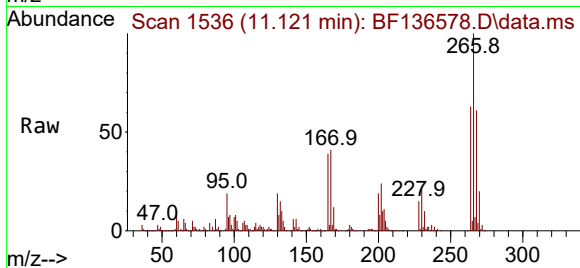
Tgt Ion:266 Resp: 199418

Ion Ratio Lower Upper

266 100

268 61.4 51.0 76.6

264 63.3 52.2 78.4



#71

Phenanthrene

Concen: 49.335 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.000 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

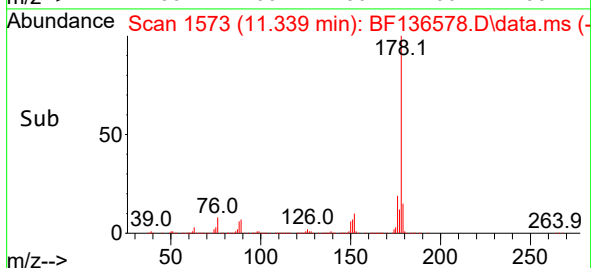
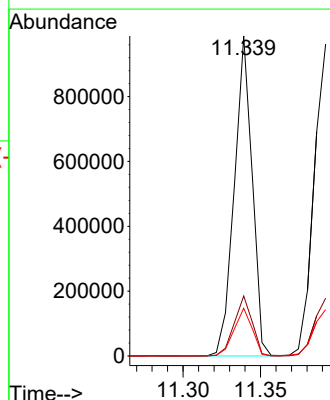
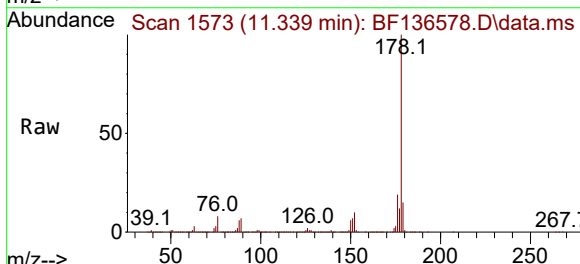
Tgt Ion:178 Resp: 791616

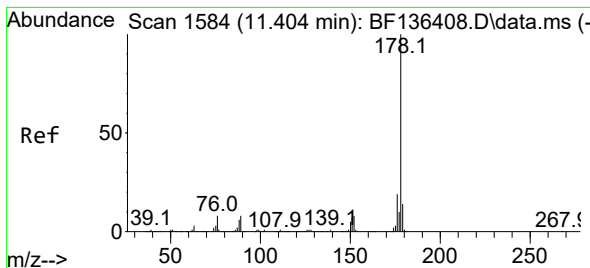
Ion Ratio Lower Upper

178 100

176 18.8 15.9 23.9

179 14.9 11.8 17.6





#72

Anthracene

Concen: 47.918 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

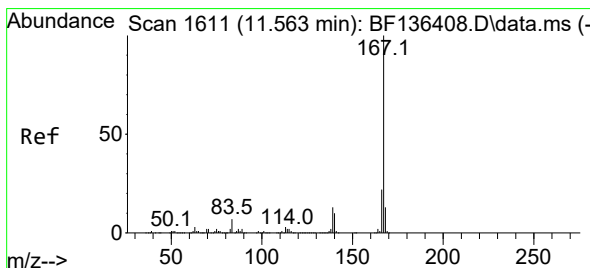
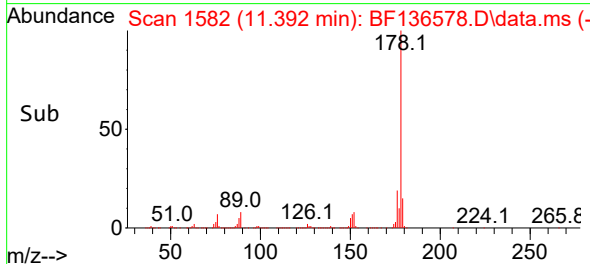
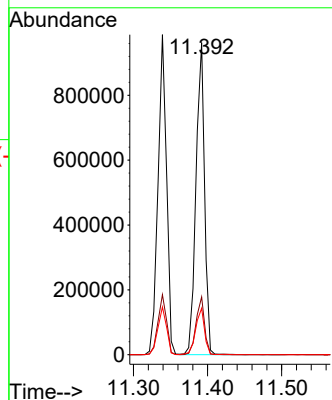
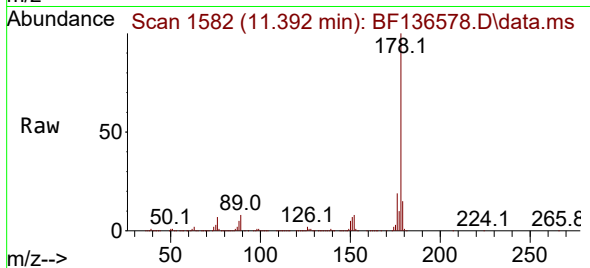
Tgt Ion:178 Resp: 774429

Ion Ratio Lower Upper

178 100

176 18.5 15.3 22.9

179 14.9 11.4 17.0



#73

Carbazole

Concen: 47.453 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.000 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

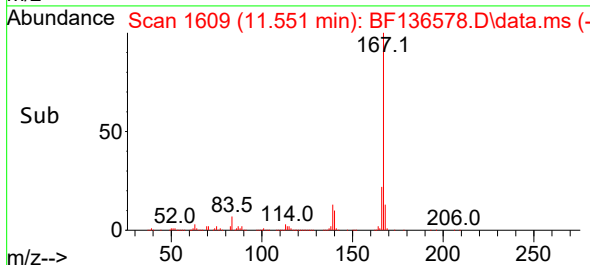
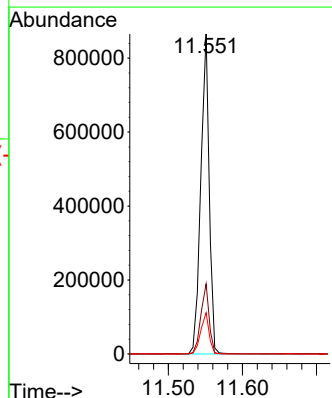
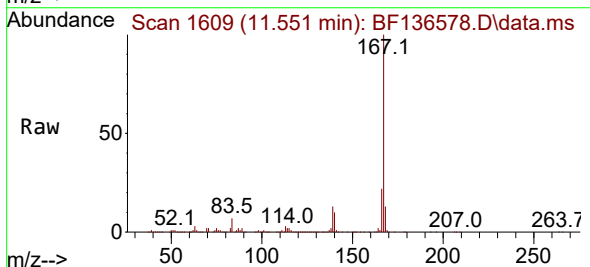
Tgt Ion:167 Resp: 678774

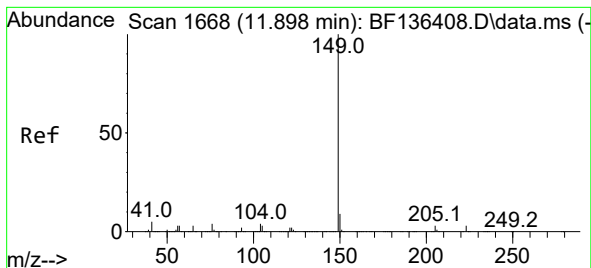
Ion Ratio Lower Upper

167 100

166 21.9 18.0 27.0

139 12.9 10.2 15.4





#74

Di-n-butylphthalate

Concen: 47.624 ng

RT: 11.886 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

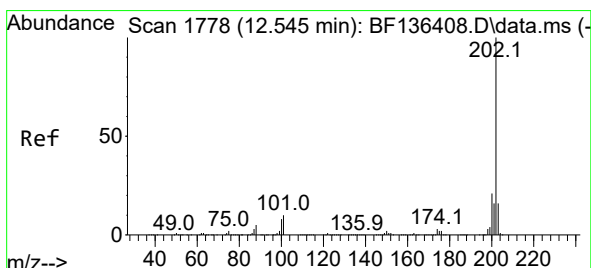
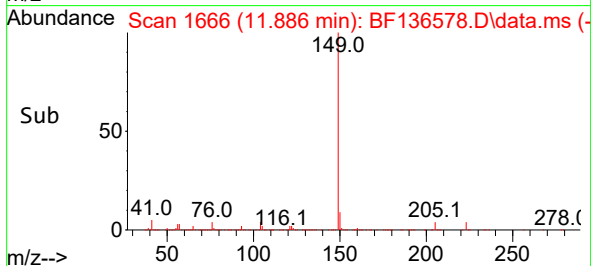
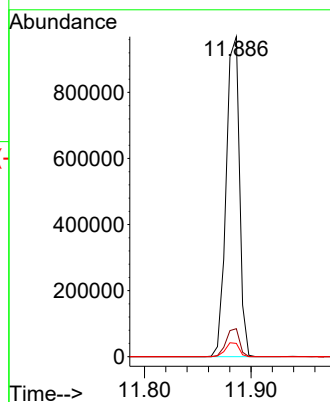
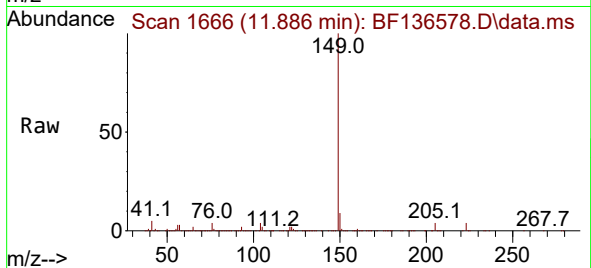
Tgt Ion:149 Resp: 835110

Ion Ratio Lower Upper

149 100

150 8.8 6.9 10.3

104 4.1 3.5 5.3



#75

Fluoranthene

Concen: 46.241 ng

RT: 12.533 min Scan# 1776

Delta R.T. -0.000 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

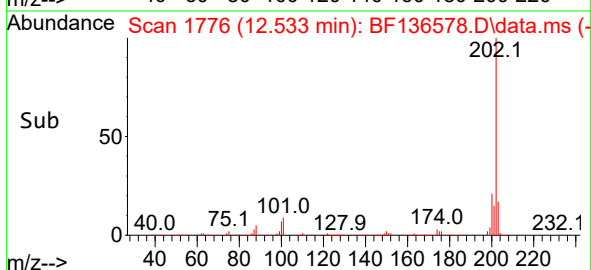
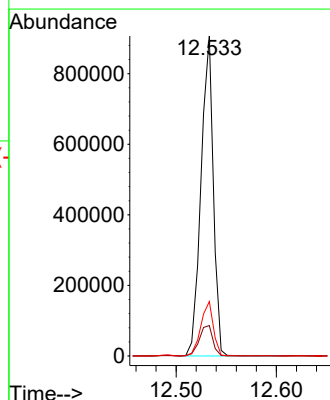
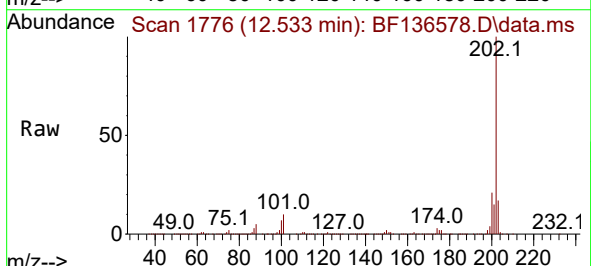
Tgt Ion:202 Resp: 777553

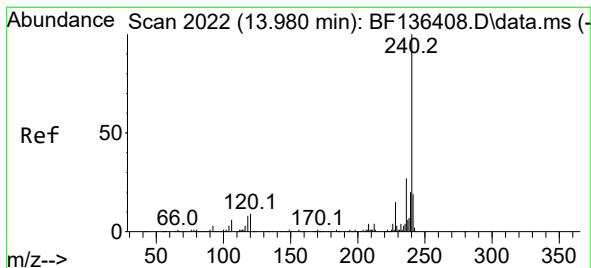
Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.9

203 17.0 0.0 36.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

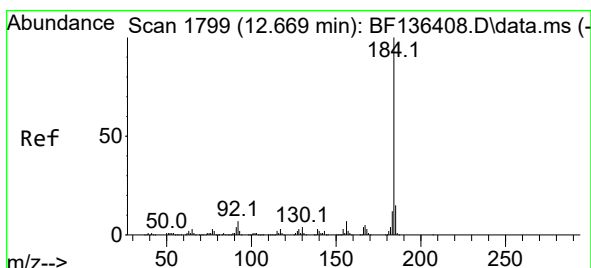
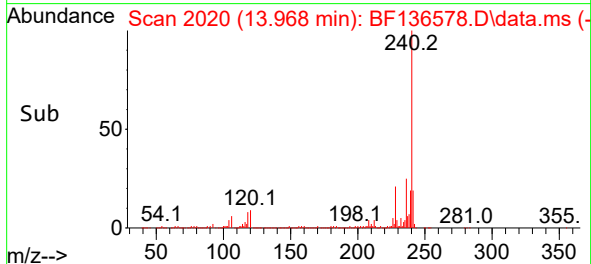
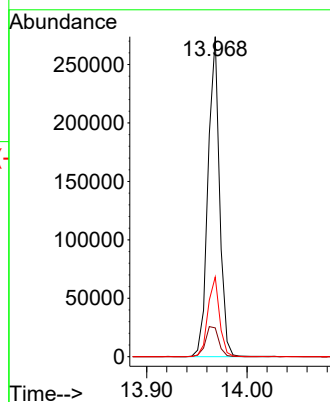
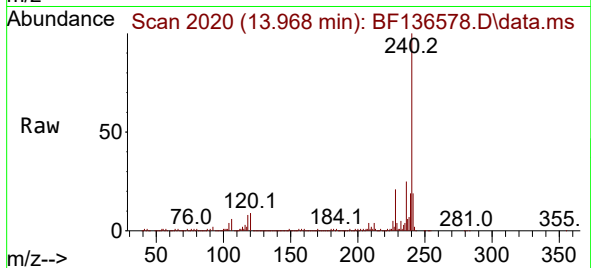
Tgt Ion:240 Resp: 218437

Ion Ratio Lower Upper

240 100

120 9.0 7.3 10.9

236 24.9 21.3 31.9



#77

Benzidine

Concen: 20.738 ng

RT: 12.657 min Scan# 1797

Delta R.T. -0.000 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

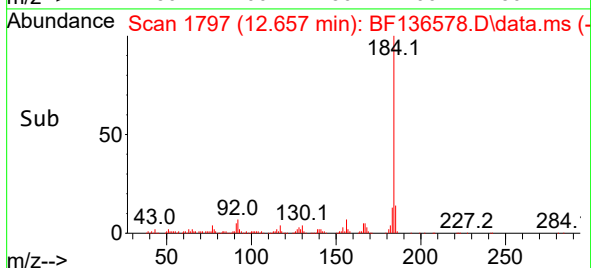
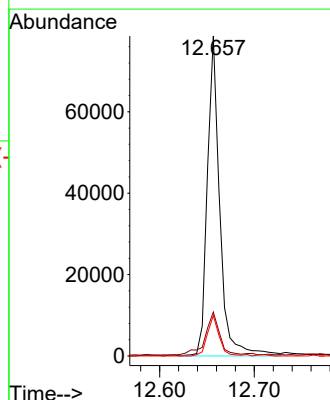
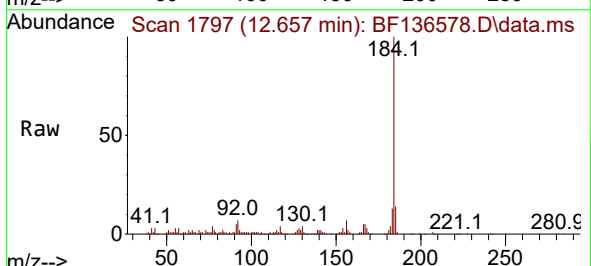
Tgt Ion:184 Resp: 71991

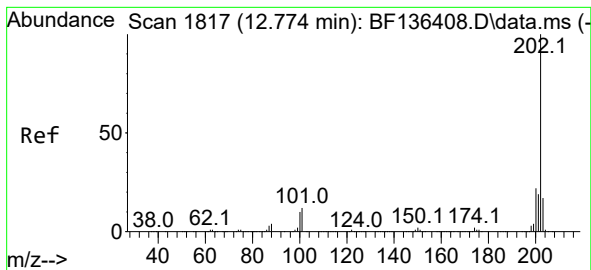
Ion Ratio Lower Upper

184 100

185 13.7 12.0 18.0

183 12.6 9.4 14.0





#78

Pyrene

Concen: 37.570 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

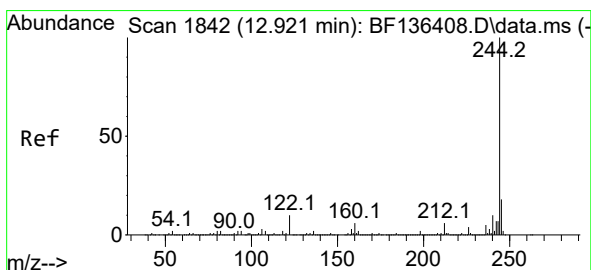
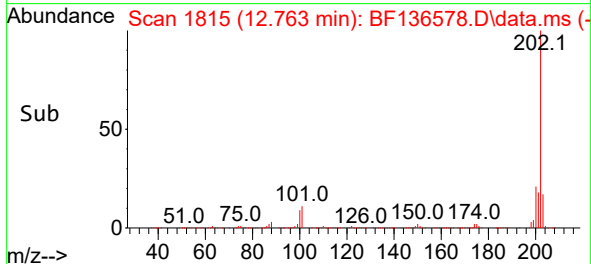
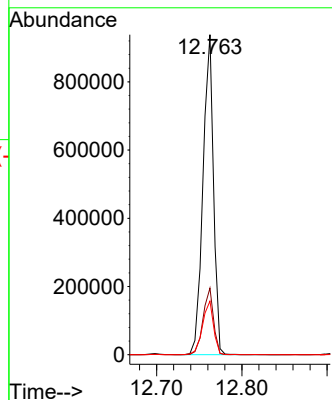
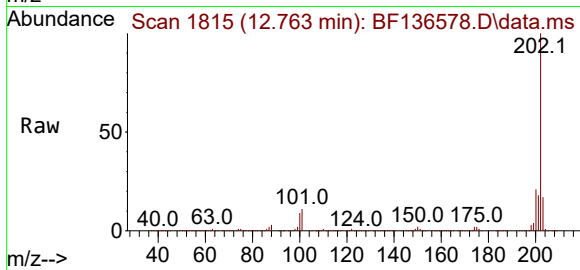
Tgt Ion:202 Resp: 803728

Ion Ratio Lower Upper

202 100

200 20.8 18.0 27.0

203 16.8 13.5 20.3



#79

Terphenyl-d14

Concen: 65.988 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.000 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

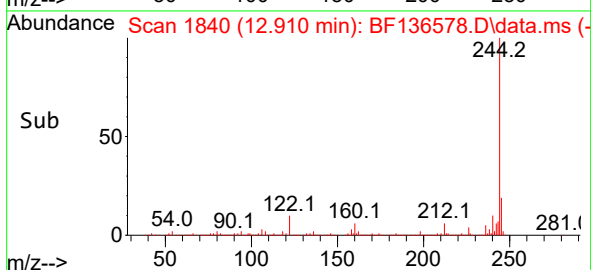
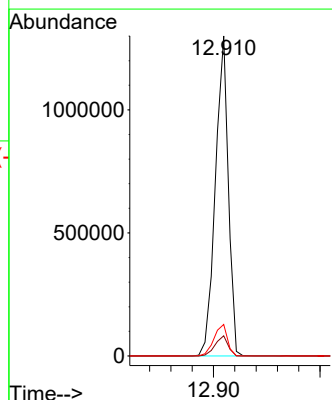
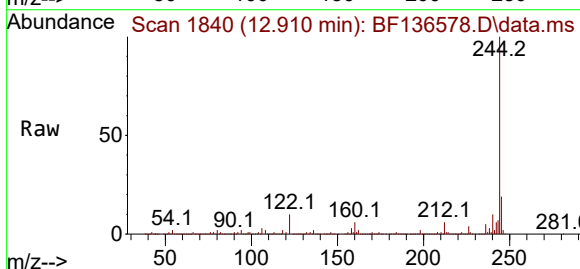
Tgt Ion:244 Resp: 1093599

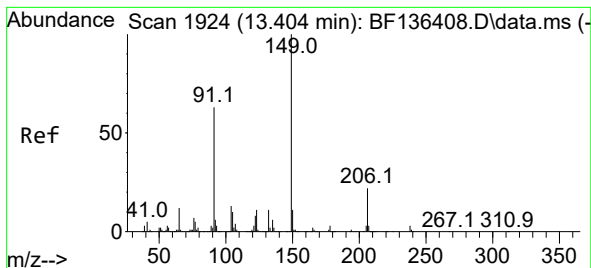
Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 9.8 8.3 12.5





#80

Butylbenzylphthalate

Concen: 43.545 ng

RT: 13.392 min Scan# 1924

Delta R.T. 0.006 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

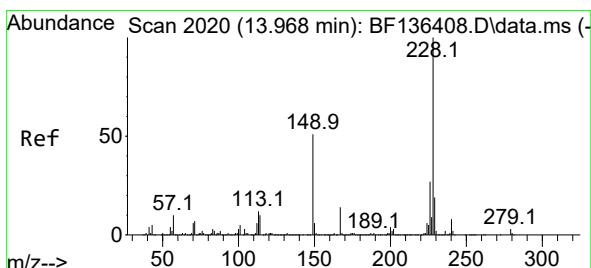
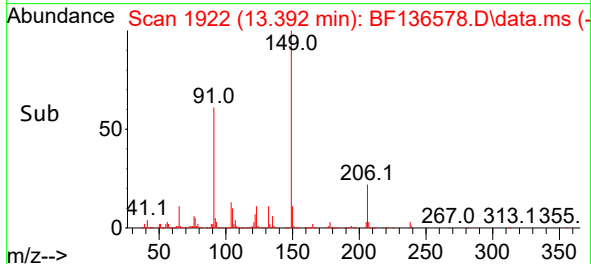
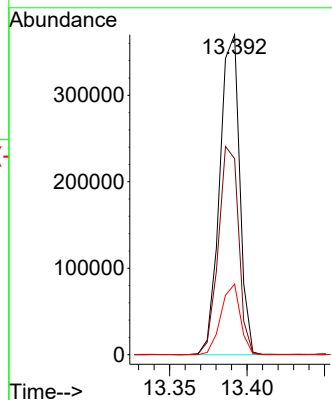
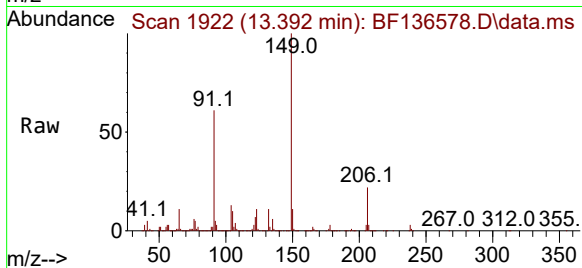
Tgt Ion:149 Resp: 331615

Ion Ratio Lower Upper

149 100

91 61.3 50.5 75.7

206 22.0 17.4 26.2



#81

Benzo(a)anthracene

Concen: 46.493 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

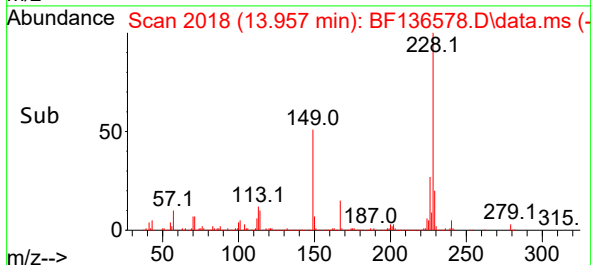
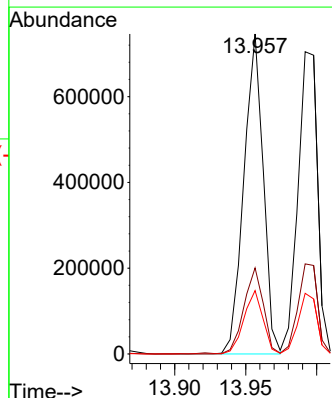
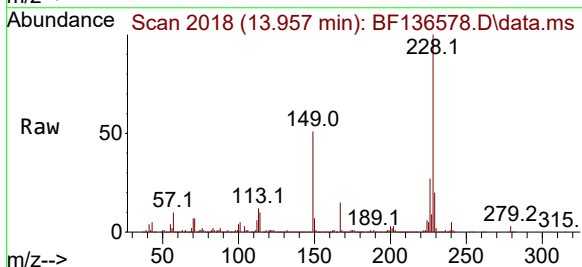
Tgt Ion:228 Resp: 707411

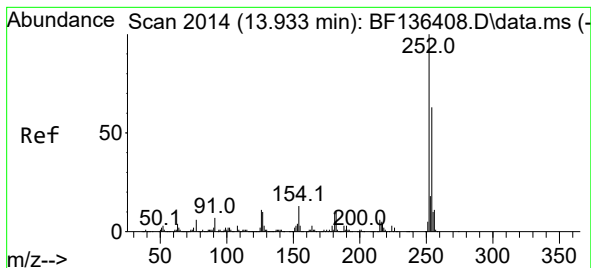
Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

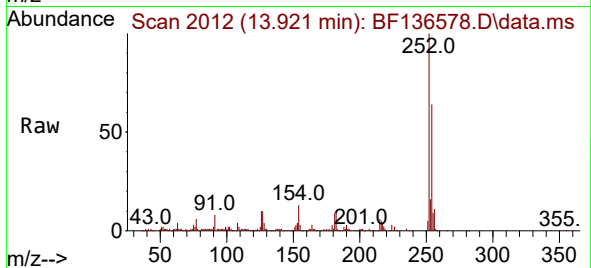
229 19.8 15.0 22.4



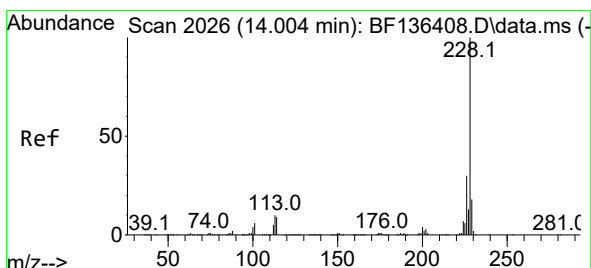
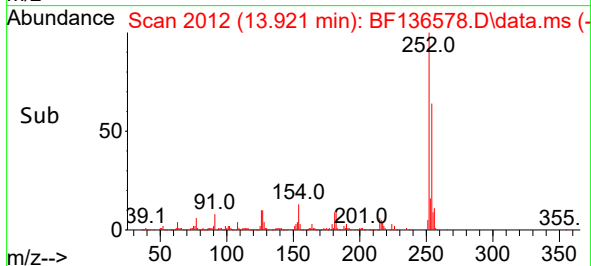
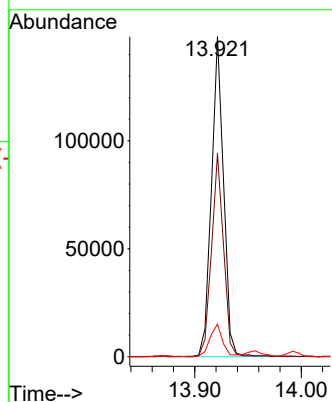


#82
 3,3'-Dichlorobenzidine
 Concen: 27.557 ng
 RT: 13.921 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BF136578.D
 Acq: 14 Dec 2023 20:22

Instrument :
 BNA_F
 ClientSampleId :

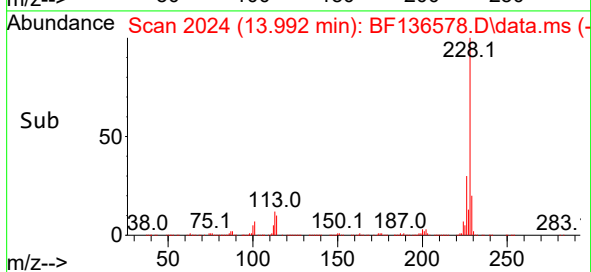
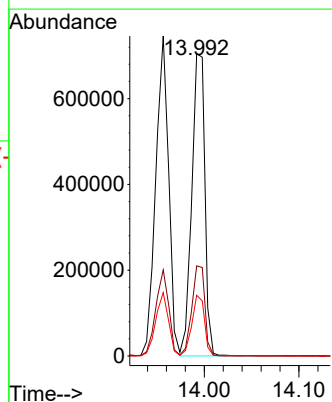
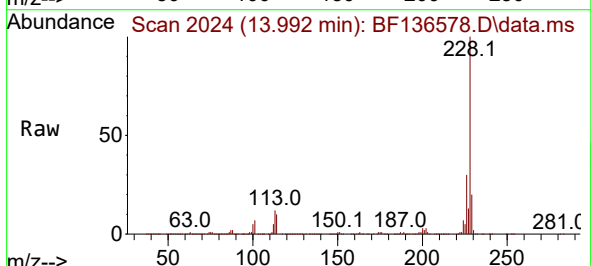


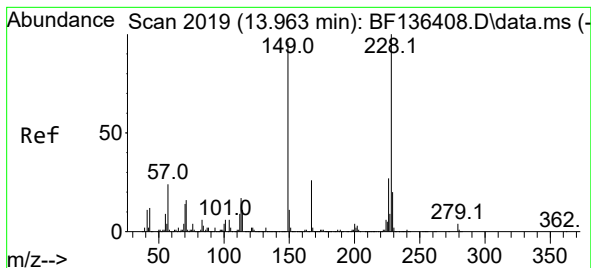
Tgt Ion:252 Resp: 117561
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.8 76.2
 126 10.2 8.6 12.8



#83
 Chrysene
 Concen: 45.119 ng
 RT: 13.992 min Scan# 2024
 Delta R.T. -0.000 min
 Lab File: BF136578.D
 Acq: 14 Dec 2023 20:22

Tgt Ion:228 Resp: 675424
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.8 35.6
 229 20.1 14.8 22.2

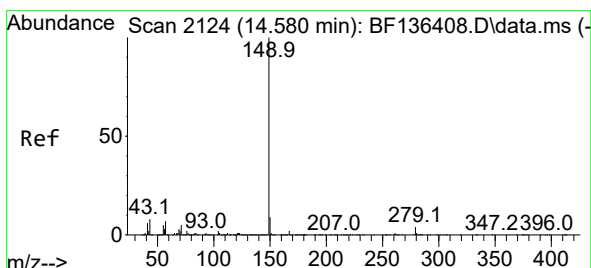
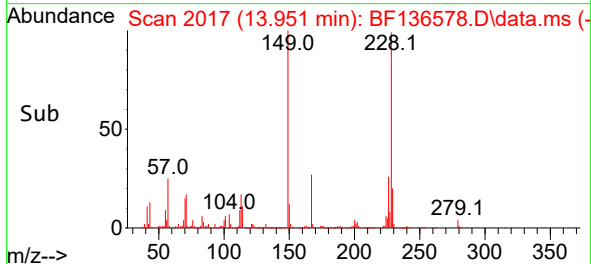
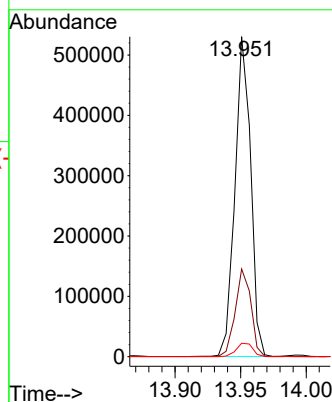
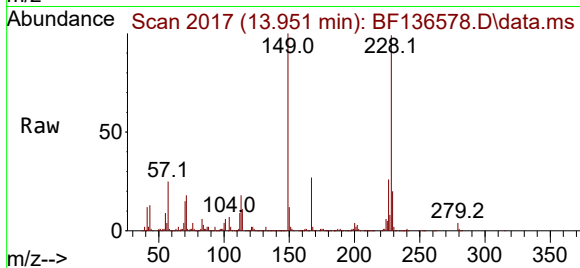




#84
Bis(2-ethylhexyl)phthalate
Concen: 47.473 ng
RT: 13.951 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

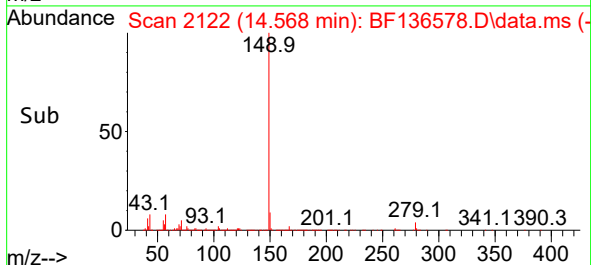
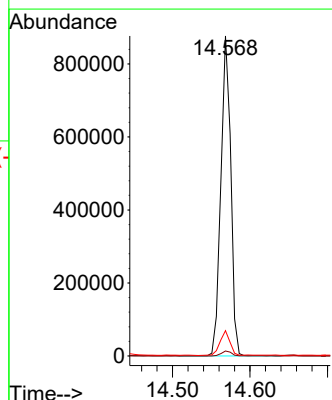
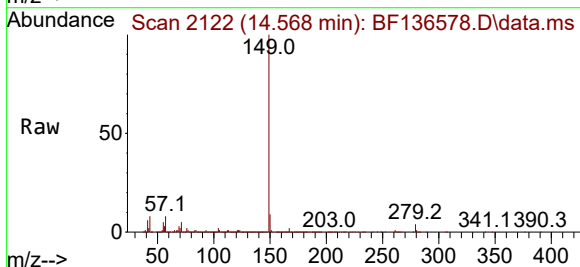
Instrument :
BNA_F
ClientSampleId :

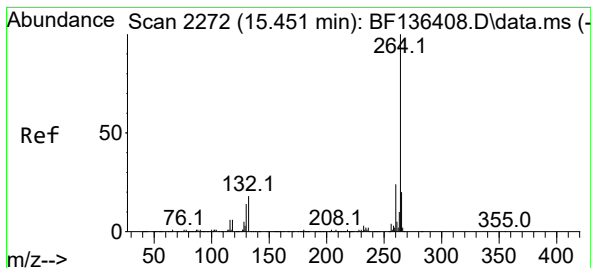
Tgt Ion:149 Resp: 443201
Ion Ratio Lower Upper
149 100
167 27.4 21.2 31.8
279 4.2 3.1 4.7



#85
Di-n-octyl phthalate
Concen: 56.440 ng
RT: 14.568 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:149 Resp: 778306
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.7 6.8 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

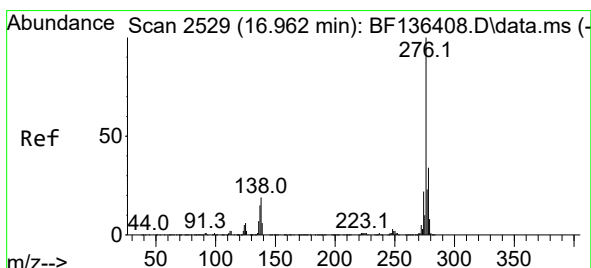
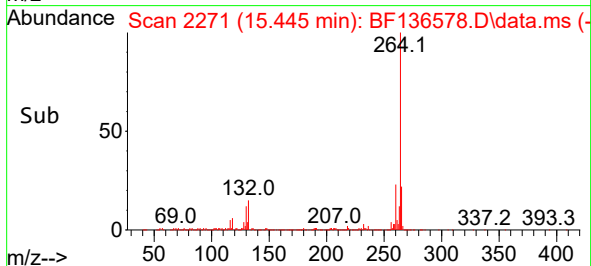
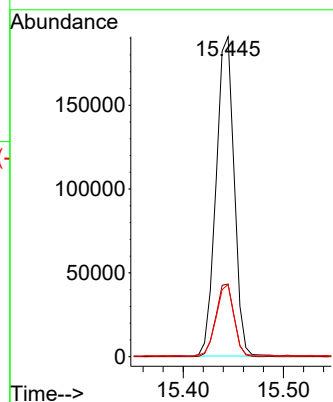
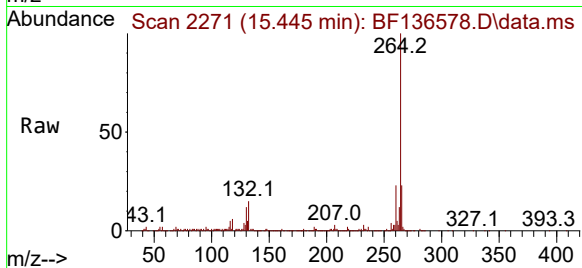
Tgt Ion:264 Resp: 237774

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 22.6 15.9 23.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 43.587 ng

RT: 16.951 min Scan# 2527

Delta R.T. 0.006 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

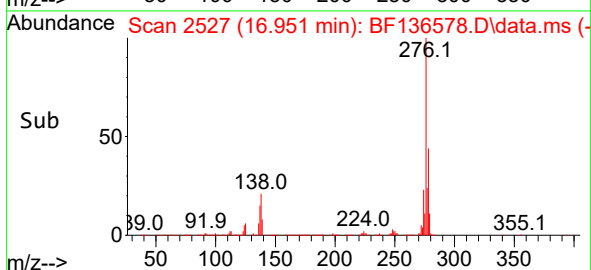
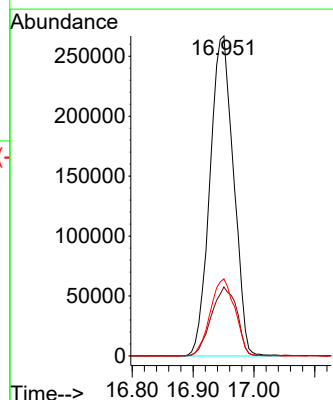
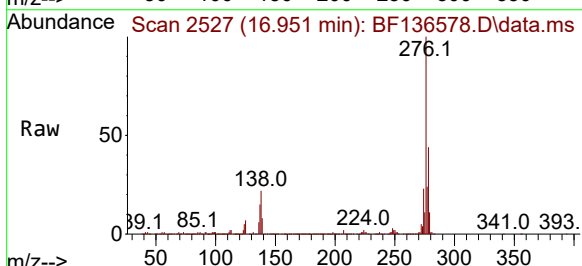
Tgt Ion:276 Resp: 719998

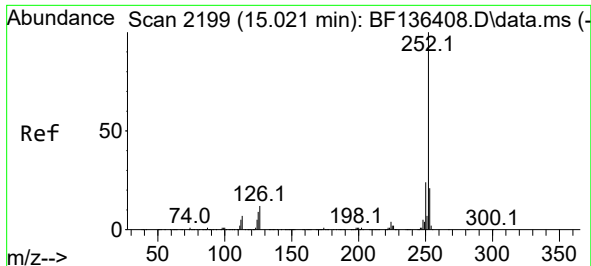
Ion Ratio Lower Upper

276 100

138 23.4 19.0 28.4

277 25.2 20.0 30.0

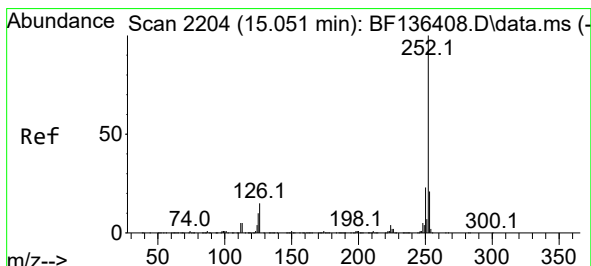
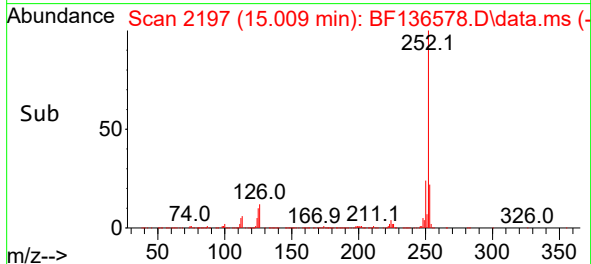
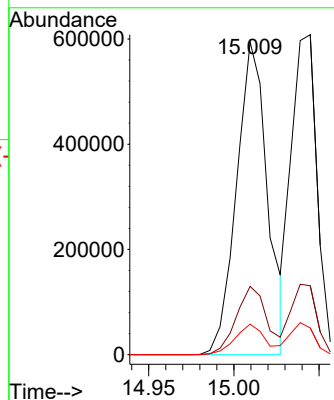
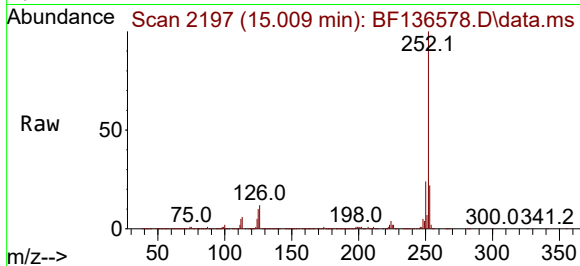




#88
Benzo(b)fluoranthene
Concen: 46.260 ng
RT: 15.009 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

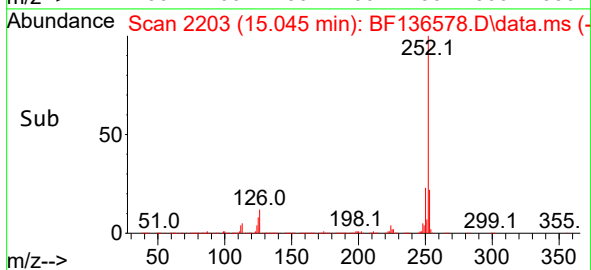
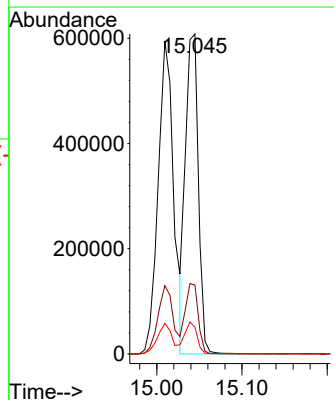
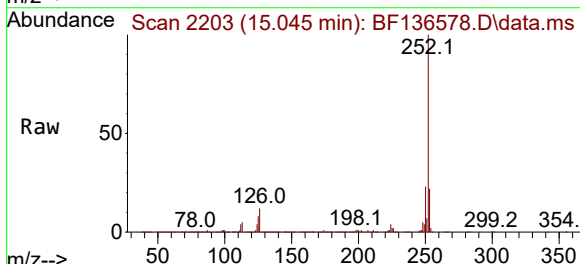
Instrument :
BNA_F
ClientSampleId :

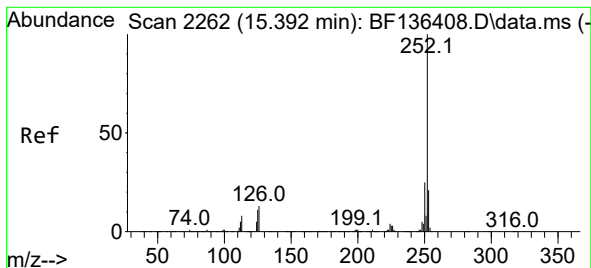
Tgt Ion:252 Resp: 752057
Ion Ratio Lower Upper
252 100
253 21.9 16.9 25.3
125 9.8 7.4 11.2



#89
Benzo(k)fluoranthene
Concen: 41.806 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:252 Resp: 640513
Ion Ratio Lower Upper
252 100
253 21.6 16.9 25.3
125 8.4 7.5 11.3





#90

Benzo(a)pyrene

Concen: 47.475 ng

RT: 15.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

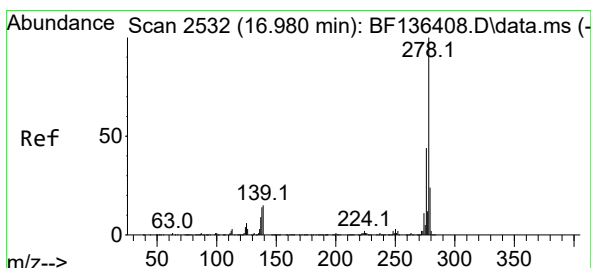
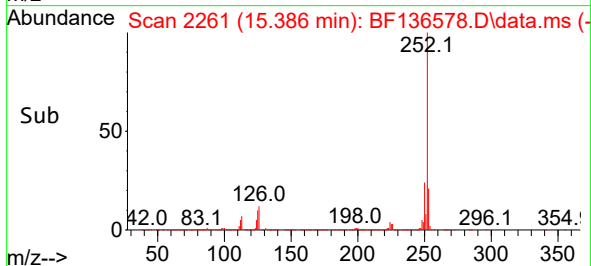
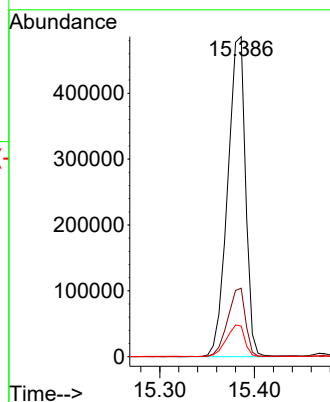
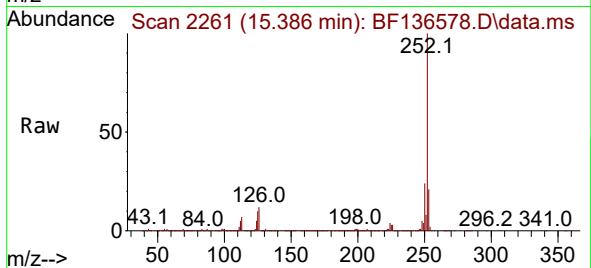
Tgt Ion:252 Resp: 637402

Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.4

125 9.6 8.6 13.0



#91

Dibenzo(a,h)anthracene

Concen: 44.287 ng

RT: 16.968 min Scan# 2530

Delta R.T. 0.006 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

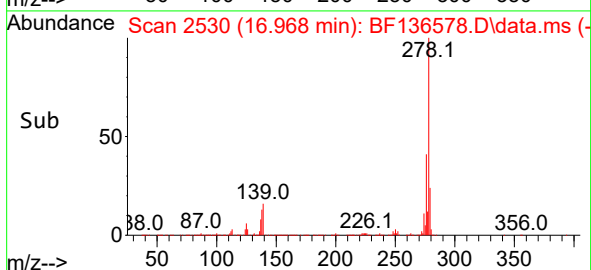
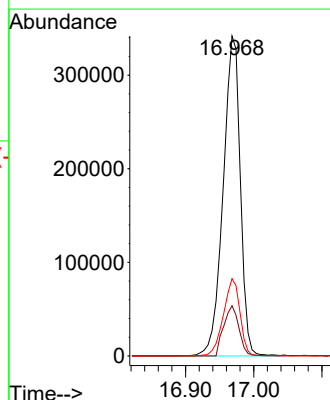
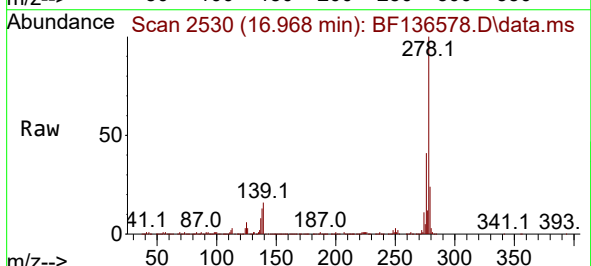
Tgt Ion:278 Resp: 599324

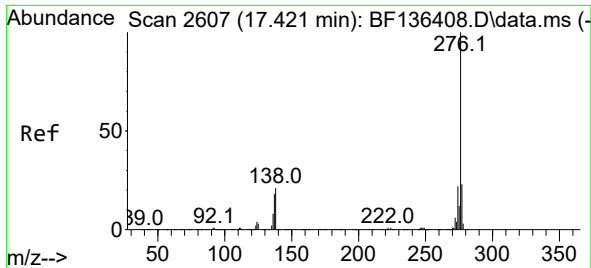
Ion Ratio Lower Upper

278 100

139 15.7 12.2 18.4

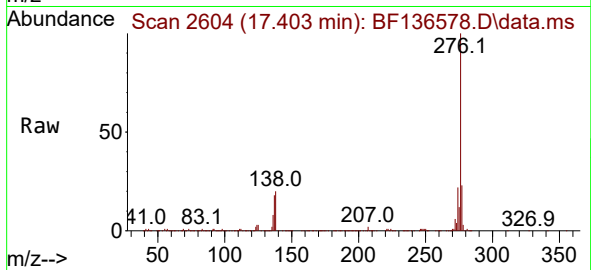
279 24.2 19.0 28.4





#92
 Benzo(g,h,i)perylene
 Concen: 38.885 ng
 RT: 17.403 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BF136578.D
 Acq: 14 Dec 2023 20:22

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:276 Resp: 540116
 Ion Ratio Lower Upper
 276 100
 277 23.2 18.7 28.1
 138 20.2 16.6 25.0

