

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136579.D
 Acq On : 14 Dec 2023 20:53
 Operator : CG\JU
 Sample : 05691-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 00:38:17 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	6.787	152	109885	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	431476	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	205526	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	337799	20.000	ng	0.00
76) Chrysene-d12	13.969	240	224934	20.000	ng	0.00
86) Perylene-d12	15.445	264	259611	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	781125	104.981	ng	0.02
7) Phenol-d6	6.446	99	944500	101.742	ng	0.01
23) Nitrobenzene-d5	7.351	82	586204	73.446	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	256811	101.340	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1155597	76.721	ng	0.00
79) Terphenyl-d14	12.910	244	1050996	61.585	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	108471	36.858	ng	98
3) Pyridine	3.387	79	269745	37.848	ng	96
4) n-Nitrosodimethylamine	3.352	42	131136	42.351	ng	99
6) Aniline	6.457	93	345303	36.805	ng	# 25
8) 2-Chlorophenol	6.581	128	357773	44.045	ng	98
9) Benzaldehyde	6.340	77	118156	22.622	ng	95
10) Phenol	6.457	94	410863	41.592	ng	84
11) bis(2-Chloroethyl)ether	6.528	93	318342	43.235	ng	99
12) 1,3-Dichlorobenzene	6.728	146	376127	41.174	ng	98
13) 1,4-Dichlorobenzene	6.804	146	385098	41.557	ng	99
14) 1,2-Dichlorobenzene	6.957	146	362594	41.610	ng	98
15) Benzyl Alcohol	6.940	79	288639	46.432	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	375192	39.619	ng	93
17) 2-Methylphenol	7.051	107	274273	41.794	ng	93
18) Hexachloroethane	7.293	117	135109	41.761	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	226291	42.257	ng	100
20) 3+4-Methylphenols	7.204	107	344255	42.263	ng	# 87
22) Acetophenone	7.198	105	489781	45.968	ng	# 96
24) Nitrobenzene	7.375	77	334957	41.718	ng	92
25) Isophorone	7.610	82	627429	43.756	ng	98
26) 2-Nitrophenol	7.687	139	187741	47.563	ng	93
27) 2,4-Dimethylphenol	7.728	122	262549	53.943	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	394895	44.817	ng	98
29) 2,4-Dichlorophenol	7.934	162	287189	44.703	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	326467	43.580	ng	97
31) Naphthalene	8.087	128	1035949	43.538	ng	99
32) Benzoic acid	7.863	122	161280	33.403	ng	90
33) 4-Chloroaniline	8.140	127	213554	25.175	ng	99
34) Hexachlorobutadiene	8.204	225	189706	42.730	ng	99
35) Caprolactam	8.516	113	55617	28.112	ng	91
36) 4-Chloro-3-methylphenol	8.634	107	281692	41.296	ng	99
37) 2-Methylnaphthalene	8.781	142	645384	42.634	ng	95
38) 1-Methylnaphthalene	8.881	142	619330	41.694	ng	96
40) 1,2,4,5-Tetrachloroben...	8.945	216	328201	51.328	ng	98
41) Hexachlorocyclopentadiene	8.934	237	251028	105.969	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	198322	47.634	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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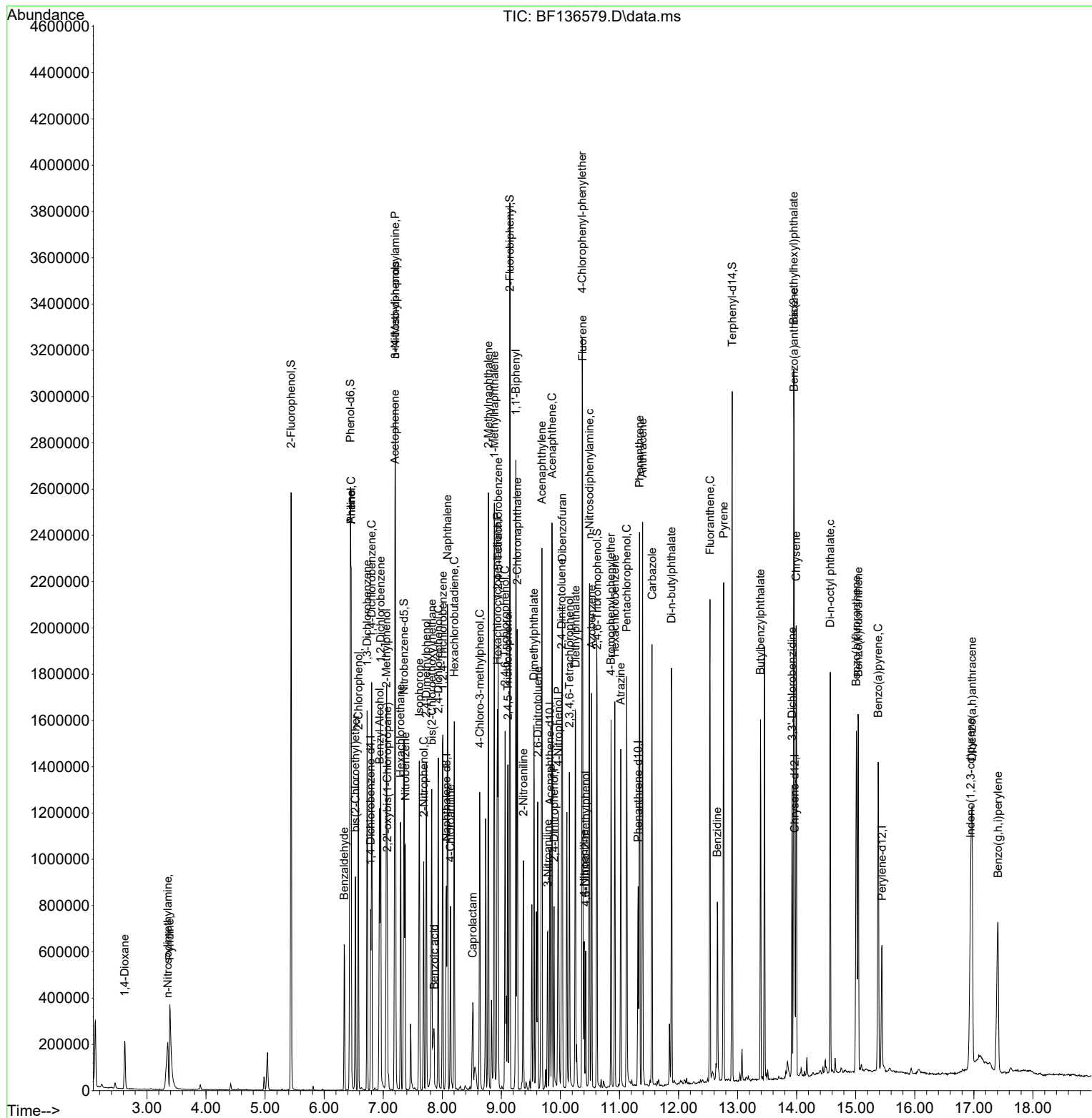
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	203138	43.715	ng	93
46) 1,1'-Biphenyl	9.245	154	843835	48.252	ng	97
47) 2-Chloronaphthalene	9.269	162	615202	45.198	ng	96
48) 2-Nitroaniline	9.375	65	162947	44.635	ng	# 81
49) Acenaphthylene	9.686	152	943113	48.640	ng	99
50) Dimethylphthalate	9.551	163	722608	47.755	ng	99
51) 2,6-Dinitrotoluene	9.616	165	156088	45.852	ng	98
52) Acenaphthene	9.857	154	559626	45.040	ng	96
53) 3-Nitroaniline	9.786	138	119031	34.241	ng	96
54) 2,4-Dinitrophenol	9.892	184	98243	57.080	ng	95
55) Dibenzofuran	10.034	168	820074	45.179	ng	98
56) 4-Nitrophenol	9.963	139	195458	75.004	ng	99
57) 2,4-Dinitrotoluene	10.022	165	195988	43.521	ng	100
58) Fluorene	10.375	166	631202	43.319	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	157051	42.193	ng	99
60) Diethylphthalate	10.257	149	672530	45.199	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	315488	44.415	ng	96
62) 4-Nitroaniline	10.404	138	131144	37.994	ng	99
63) Azobenzene	10.528	77	566708	41.844	ng	97
65) 4,6-Dinitro-2-methylph...	10.428	198	77961	37.266	ng	93
66) n-Nitrosodiphenylamine	10.492	169	548295	50.584	ng	97
67) 4-Bromophenyl-phenylether	10.857	248	193884	49.366	ng	93
68) Hexachlorobenzene	10.922	284	212920	46.906	ng	96
69) Atrazine	11.022	200	182533	59.002	ng	99
70) Pentachlorophenol	11.122	266	207556	81.017	ng	99
71) Phenanthrene	11.339	178	866308	46.659	ng	98
72) Anthracene	11.392	178	885221	47.336	ng	98
73) Carbazole	11.551	167	716783	43.306	ng	99
74) Di-n-butylphthalate	11.880	149	946947	46.669	ng	99
75) Fluoranthene	12.533	202	839227	43.132	ng	98
77) Benzidine	12.657	184	315697	51.467	ng	99
78) Pyrene	12.763	202	849986	38.585	ng	98
80) Butylbenzylphthalate	13.386	149	347675	44.335	ng	93
81) Benzo(a)anthracene	13.957	228	727628	46.440	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	253302	57.660	ng	99
83) Chrysene	13.992	228	716339	46.470	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	467113	48.589	ng	98
85) Di-n-octyl phthalate	14.569	149	797642	56.171	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	769392	42.659	ng	99
88) Benzo(b)fluoranthene	15.010	252	798446	44.982	ng	100
89) Benzo(k)fluoranthene	15.045	252	672119	40.179	ng	98
90) Benzo(a)pyrene	15.380	252	665676	45.411	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	638274	43.198	ng	99
92) Benzo(g,h,i)perylene	17.410	276	575163	37.925	ng	99

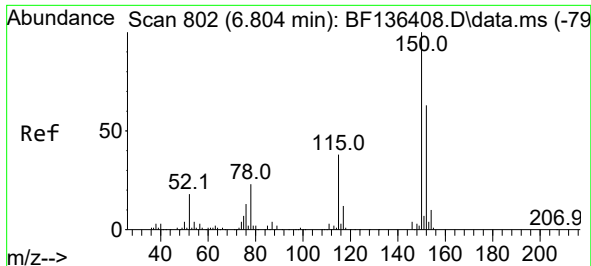
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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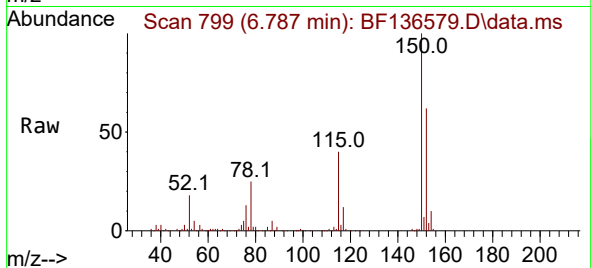
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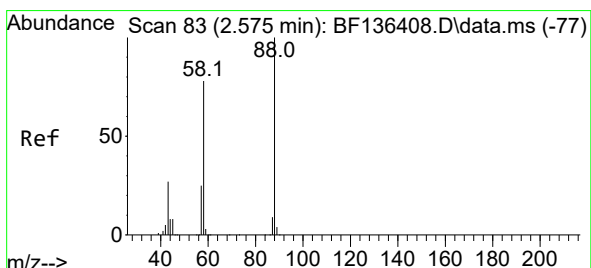
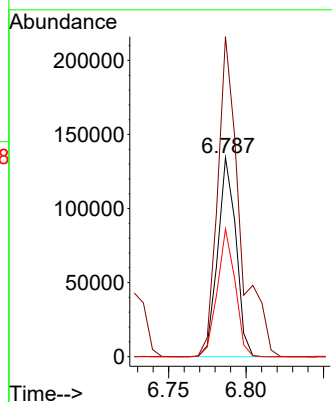
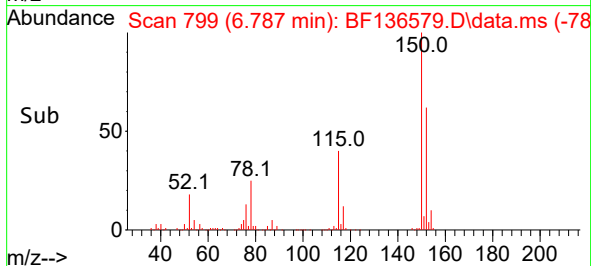


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF136579.D
 Acq: 14 Dec 2023 20:53

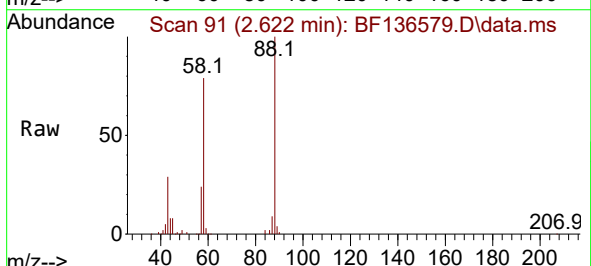
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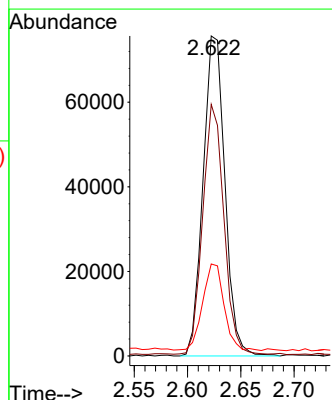
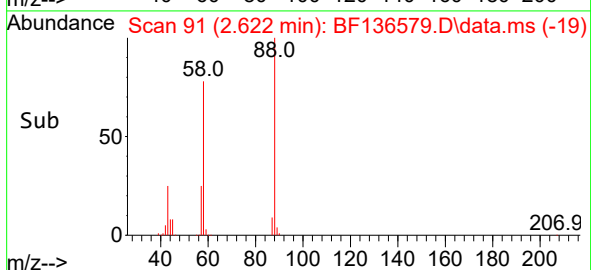
Tgt Ion:152 Resp: 109885
 Ion Ratio Lower Upper
 152 100
 150 160.7 126.4 189.6
 115 64.1 48.2 72.4

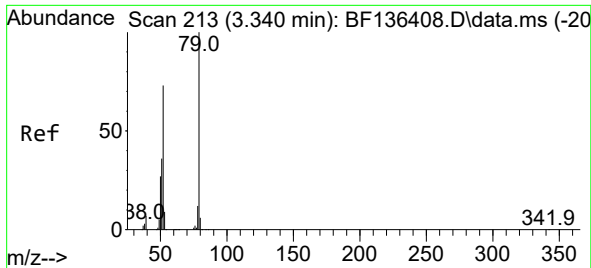


#2
 1,4-Dioxane
 Concen: 36.858 ng
 RT: 2.622 min Scan# 91
 Delta R.T. 0.071 min
 Lab File: BF136579.D
 Acq: 14 Dec 2023 20:53



Tgt Ion: 88 Resp: 108471
 Ion Ratio Lower Upper
 88 100
 58 75.1 62.2 93.2
 43 26.6 21.5 32.3

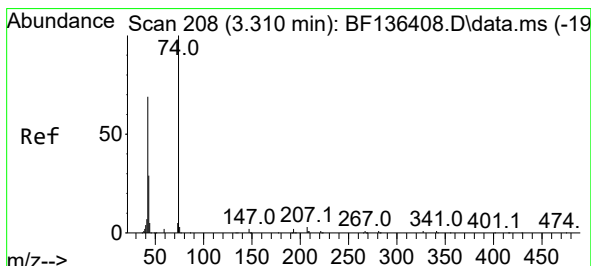
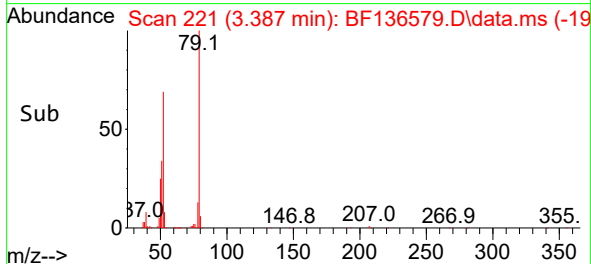
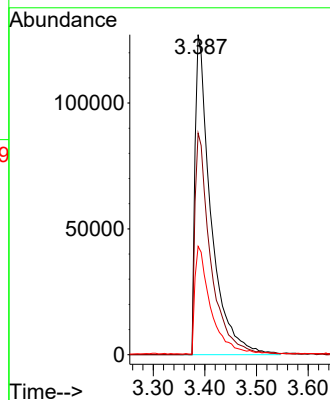
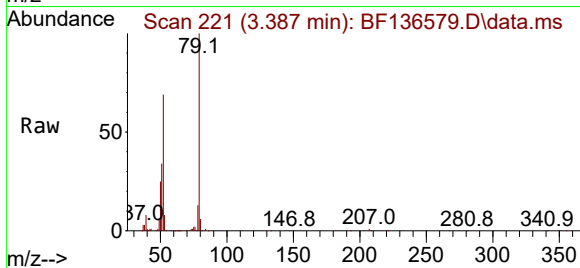




#3
 Pyridine
 Concen: 37.848 ng
 RT: 3.387 min Scan# 213
 Delta R.T. 0.077 min
 Lab File: BF136579.D
 Acq: 14 Dec 2023 20:53

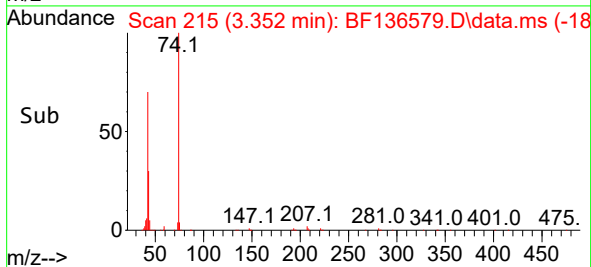
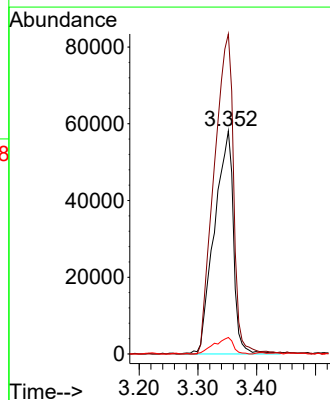
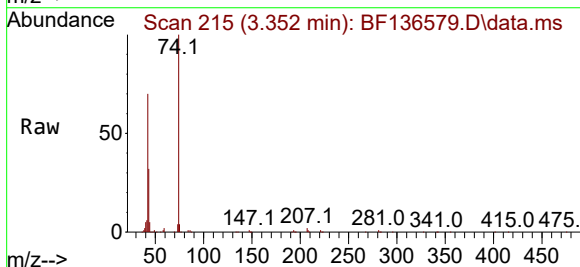
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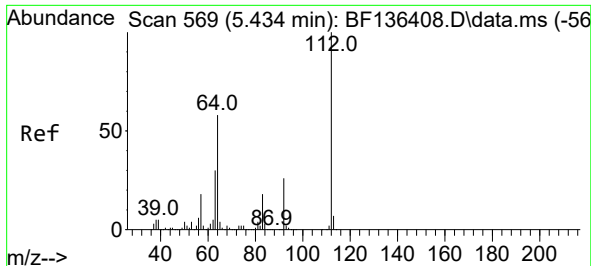
Tgt Ion: 79 Resp: 269745
 Ion Ratio Lower Upper
 79 100
 52 69.2 58.2 87.2
 51 33.8 29.1 43.7



#4
 n-Nitrosodimethylamine
 Concen: 42.351 ng
 RT: 3.352 min Scan# 215
 Delta R.T. 0.065 min
 Lab File: BF136579.D
 Acq: 14 Dec 2023 20:53

Tgt Ion: 42 Resp: 131136
 Ion Ratio Lower Upper
 42 100
 74 143.5 115.4 173.0
 44 7.4 6.2 9.2

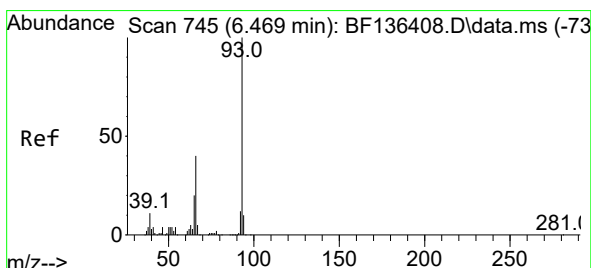
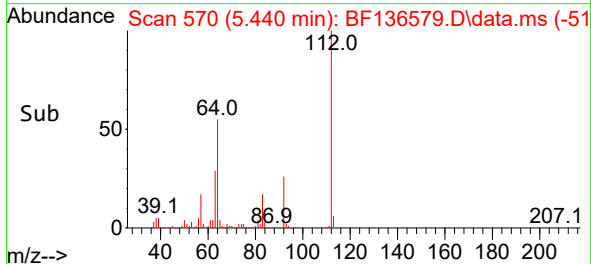
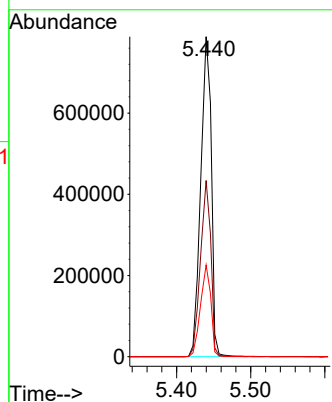
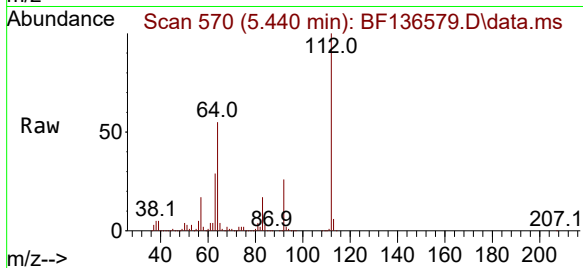




#5
2-Fluorophenol
Concen: 104.981 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

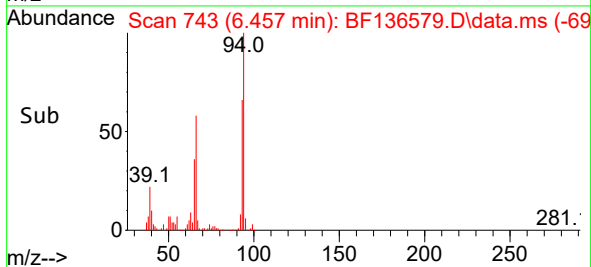
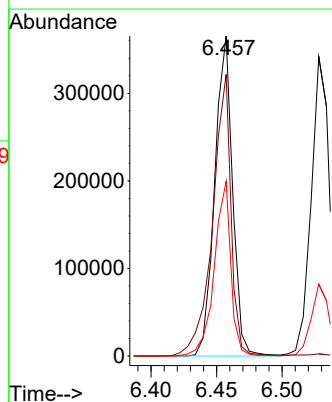
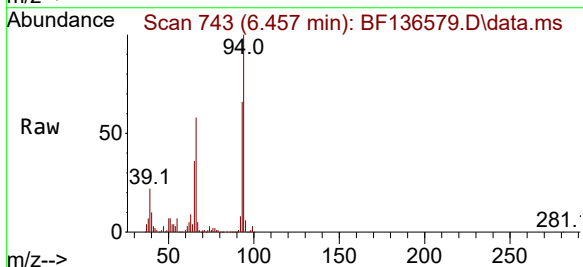
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ClientSampleId :

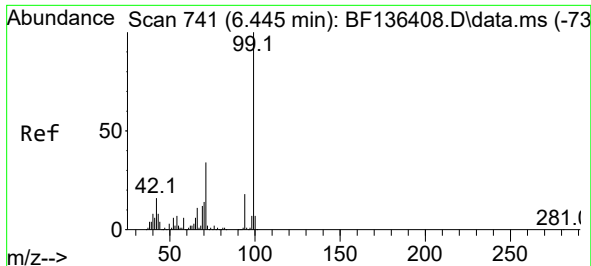
Tgt Ion:112 Resp: 781125
Ion Ratio Lower Upper
112 100
64 55.1 46.5 69.7
63 28.7 23.9 35.9



#6
Aniline
Concen: 36.805 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Tgt Ion: 93 Resp: 345303
Ion Ratio Lower Upper
93 100
66 88.0 32.5 48.7#
65 54.6 16.4 24.6#

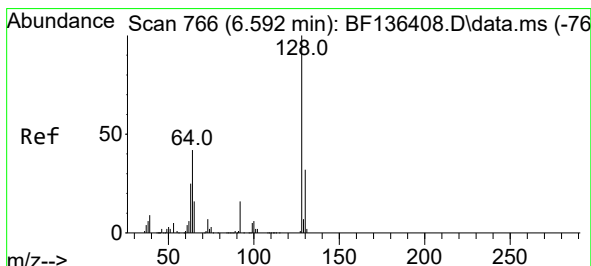
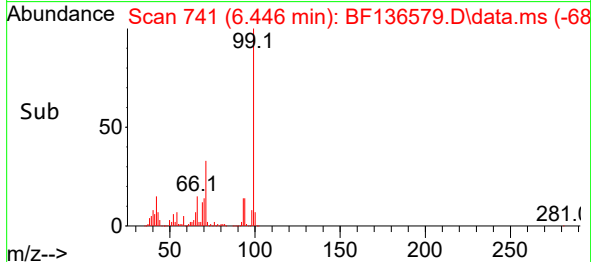
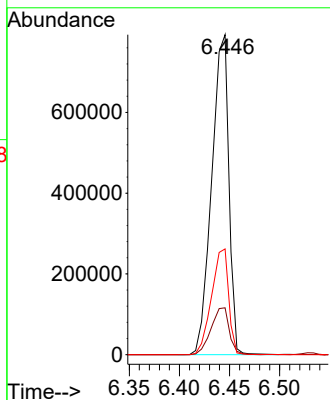
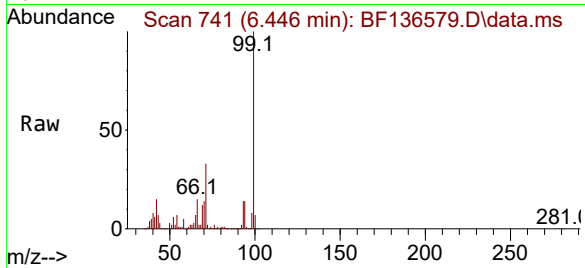




#7
Phenol-d6
Concen: 101.742 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

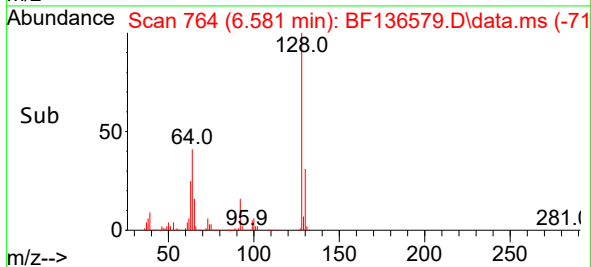
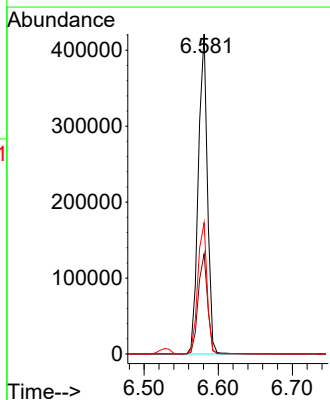
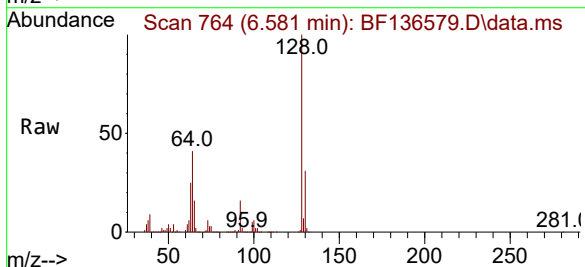
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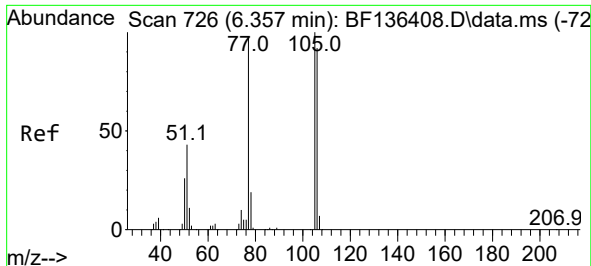
Tgt Ion: 99 Resp: 944500
Ion Ratio Lower Upper
99 100
42 14.6 12.8 19.2
71 33.1 27.0 40.4



#8
2-Chlorophenol
Concen: 44.045 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

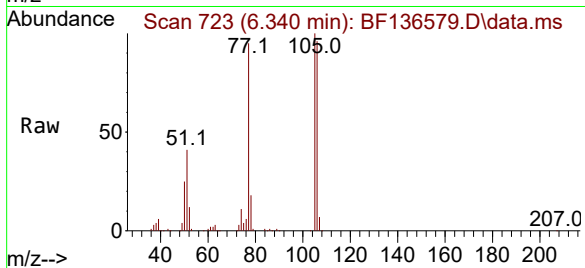
Tgt Ion:128 Resp: 357773
Ion Ratio Lower Upper
128 100
130 31.3 11.7 51.7
64 41.0 22.5 62.5



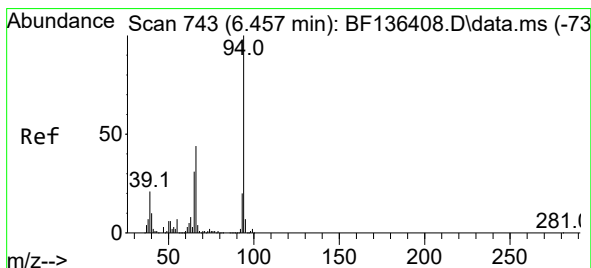
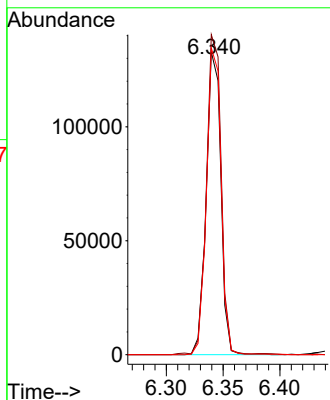
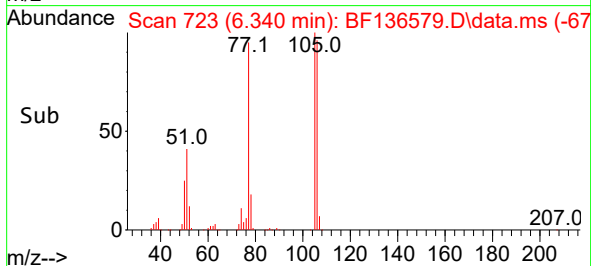


#9
Benzaldehyde
Concen: 22.622 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

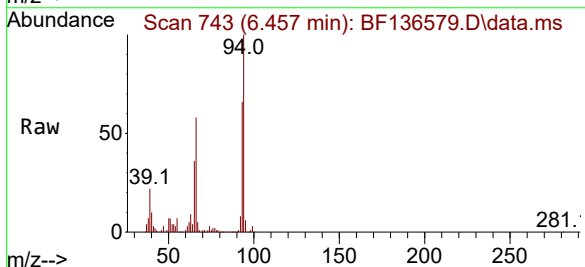
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BNA_F
ClientSampleId :



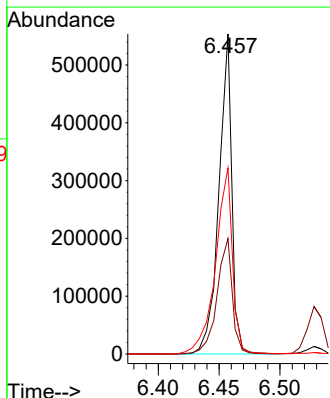
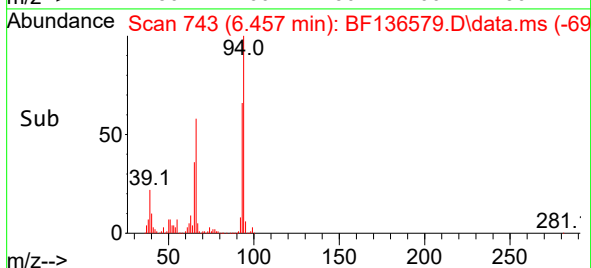
Tgt Ion: 77 Resp: 118156
Ion Ratio Lower Upper
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105 105.7 82.5 122.5
106 101.3 74.5 114.5

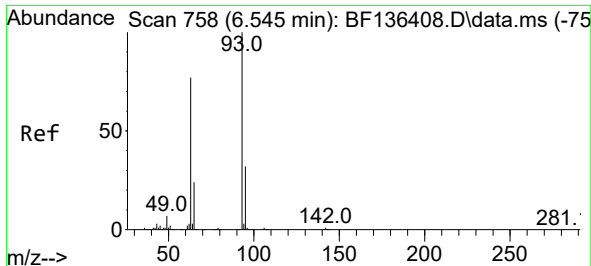


#10
Phenol
Concen: 41.592 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.012 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53



Tgt Ion: 94 Resp: 410863
Ion Ratio Lower Upper
94 100
65 36.0 11.2 51.2
66 58.1 24.2 64.2





#11

bis(2-Chloroethyl)ether

Concen: 43.235 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

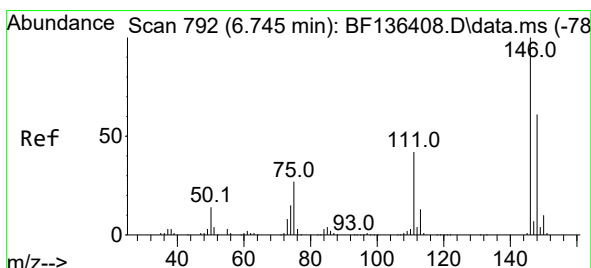
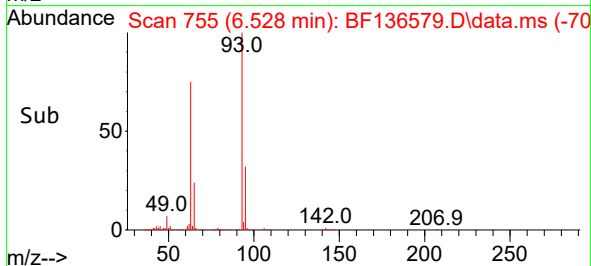
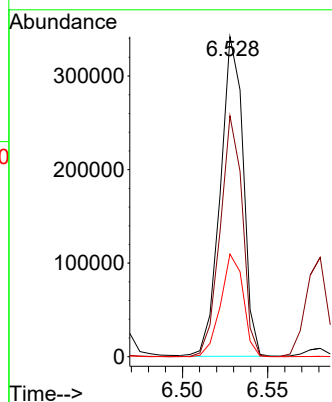
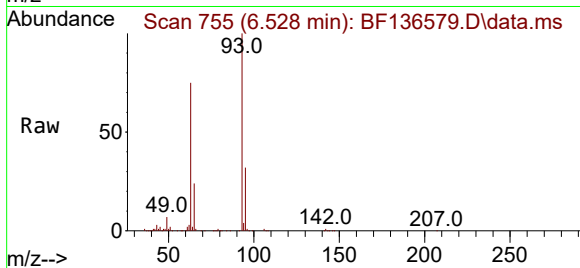
Tgt Ion: 93 Resp: 318342

Ion Ratio Lower Upper

93 100

63 75.2 56.8 96.8

95 32.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 41.174 ng

RT: 6.728 min Scan# 789

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

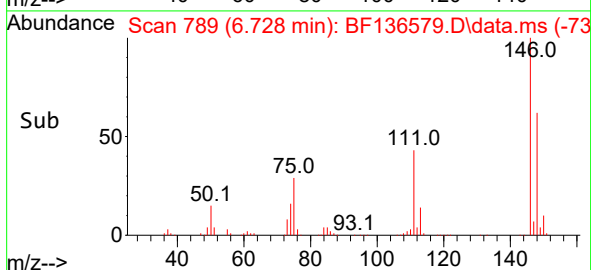
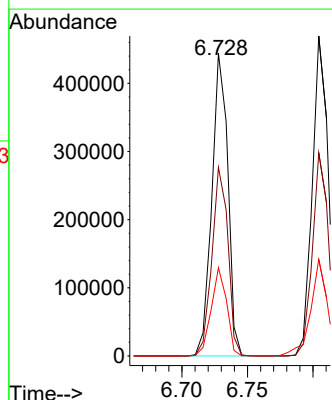
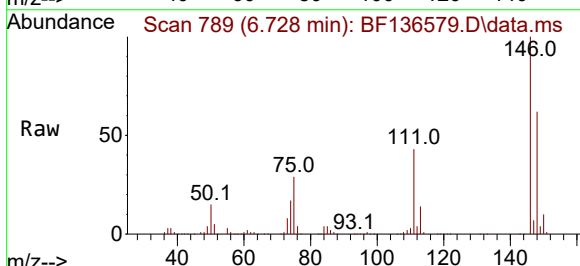
Tgt Ion:146 Resp: 376127

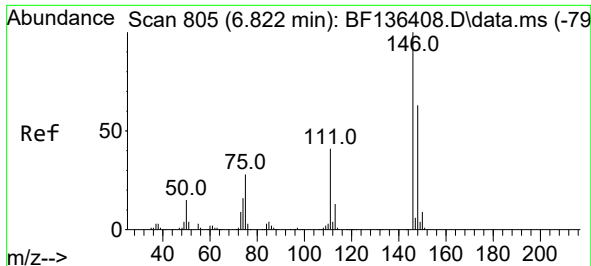
Ion Ratio Lower Upper

146 100

148 62.3 49.0 73.6

75 29.1 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 41.557 ng

RT: 6.804 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

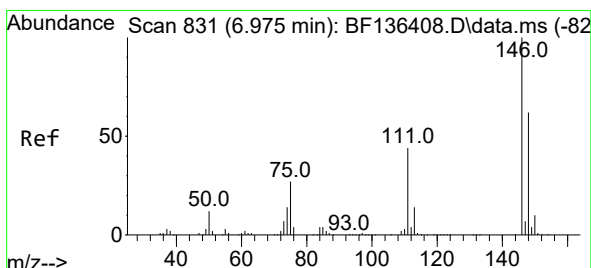
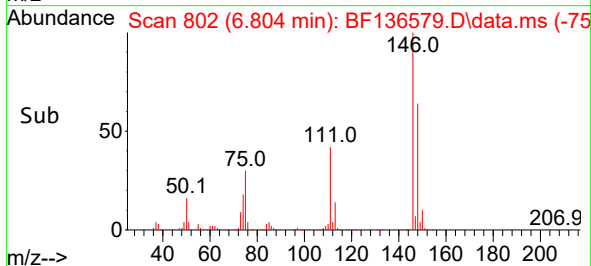
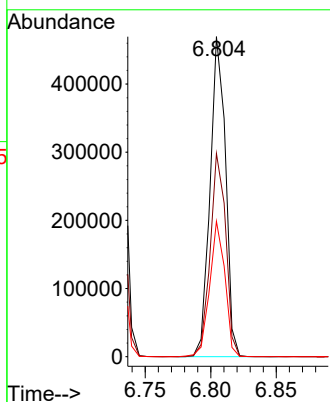
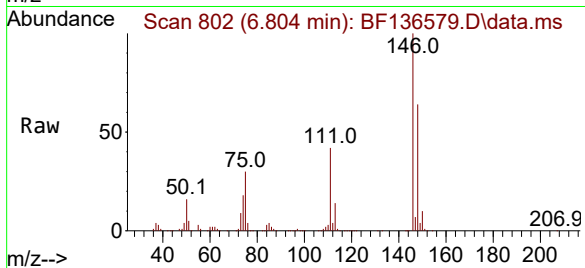
Tgt Ion:146 Resp: 385098

Ion Ratio Lower Upper

146 100

148 63.5 50.3 75.5

111 42.3 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 41.610 ng

RT: 6.957 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

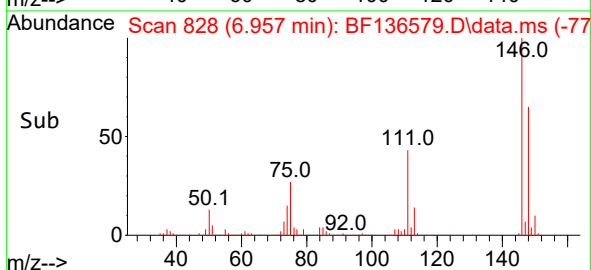
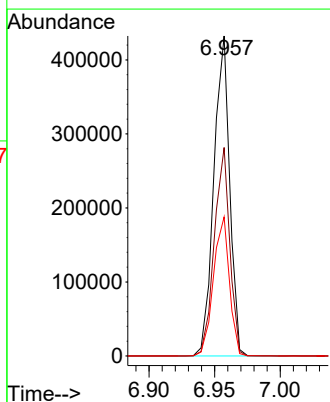
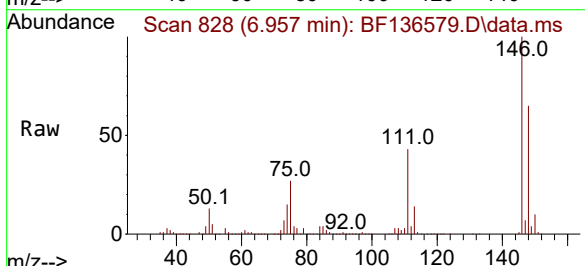
Tgt Ion:146 Resp: 362594

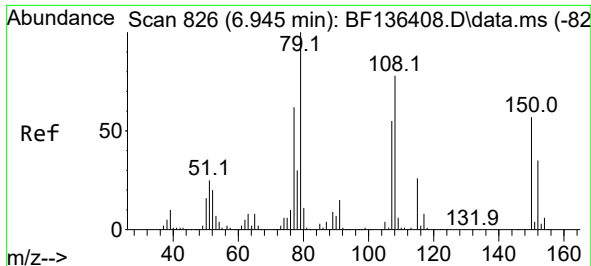
Ion Ratio Lower Upper

146 100

148 65.1 49.8 74.6

111 43.4 34.9 52.3





#15

Benzyl Alcohol

Concen: 46.432 ng

RT: 6.940 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

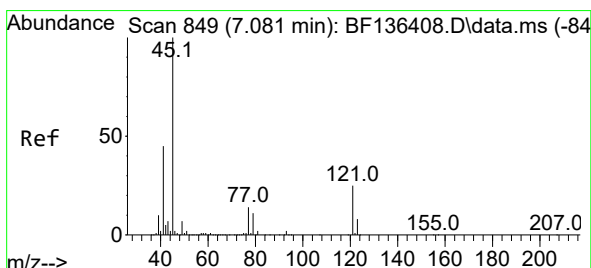
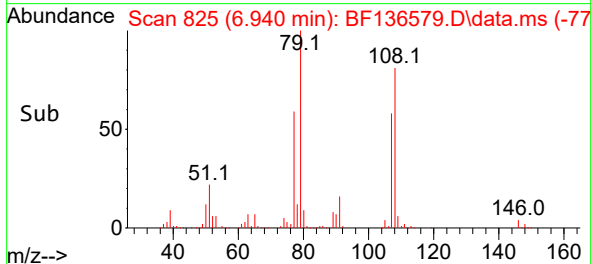
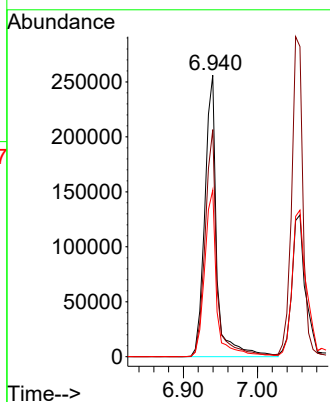
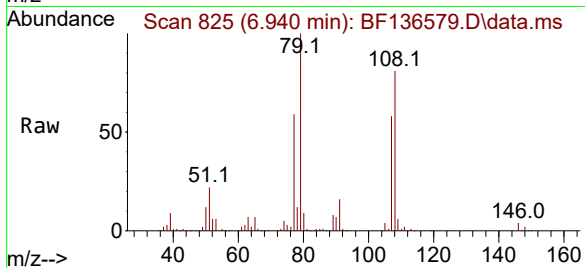
Tgt Ion: 79 Resp: 288639

Ion Ratio Lower Upper

79 100

108 80.6 62.3 93.5

77 59.2 49.8 74.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.619 ng

RT: 7.069 min Scan# 847

Delta R.T. 0.006 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

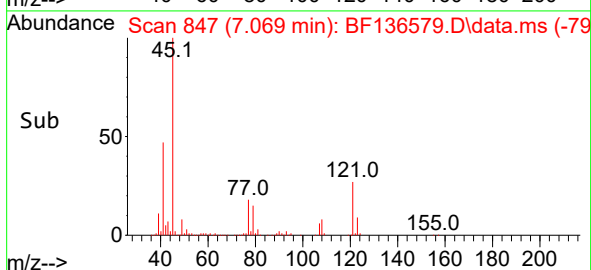
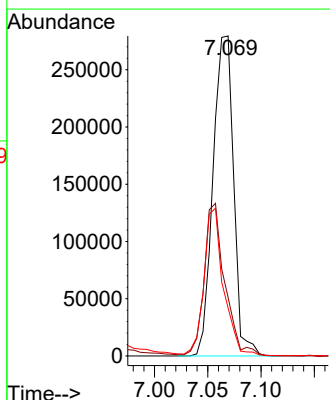
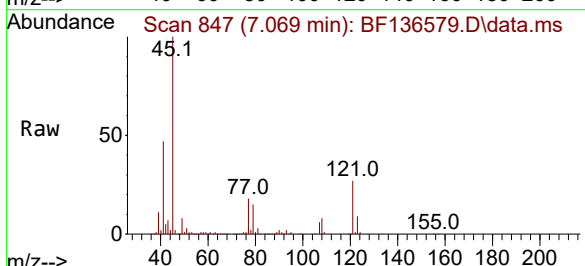
Tgt Ion: 45 Resp: 375192

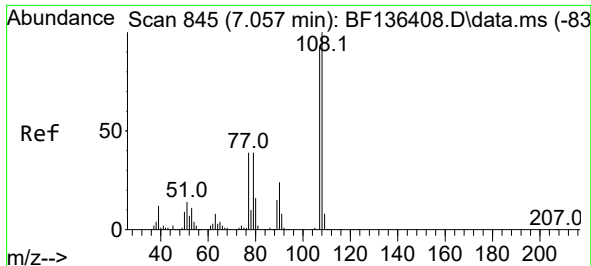
Ion Ratio Lower Upper

45 100

77 18.3 0.0 35.3

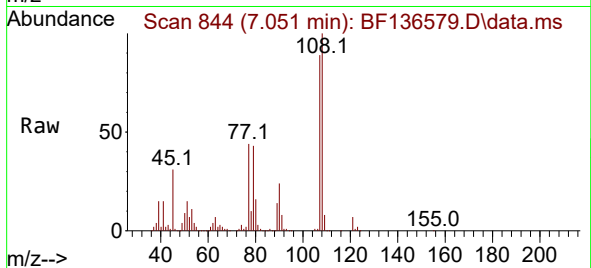
79 15.0 0.0 32.5



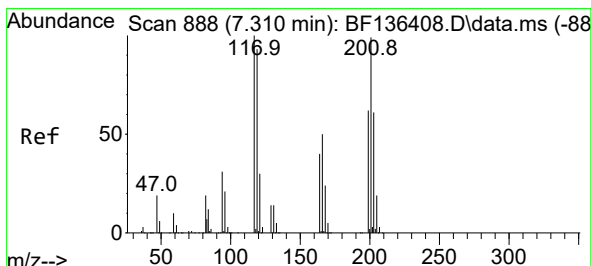
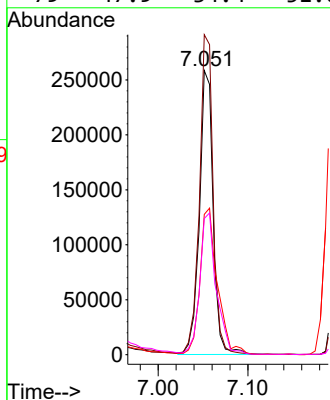
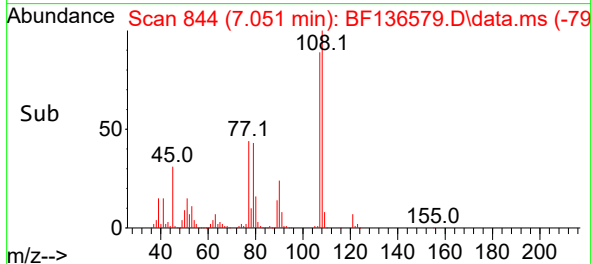


#17
2-Methylphenol
Concen: 41.794 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :

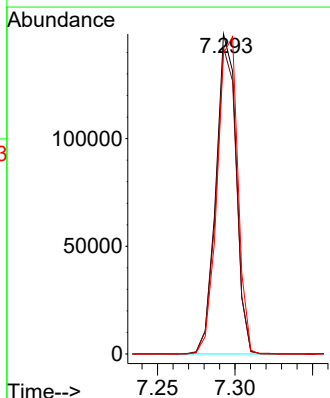
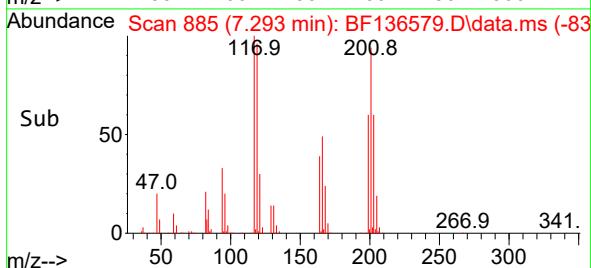
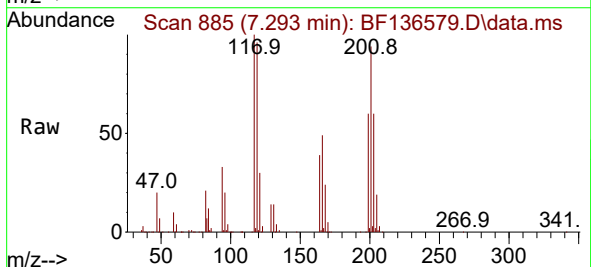


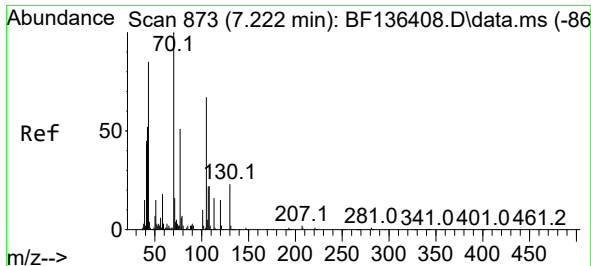
Tgt Ion:	107	Resp:	274273
Ion	Ratio	Lower	Upper
107	100		
108	112.6	86.5	129.7
77	49.4	33.8	50.8
79	47.9	34.4	51.6



#18
Hexachloroethane
Concen: 41.761 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Tgt Ion:	117	Resp:	135109
Ion	Ratio	Lower	Upper
117	100		
119	95.8	74.3	111.5
201	94.0	79.3	118.9

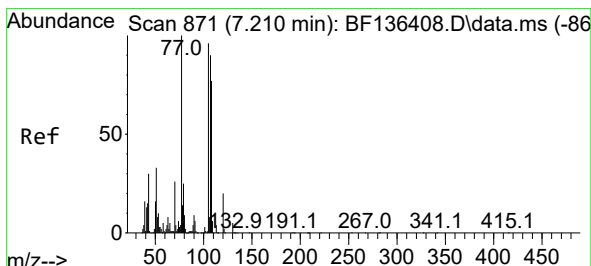
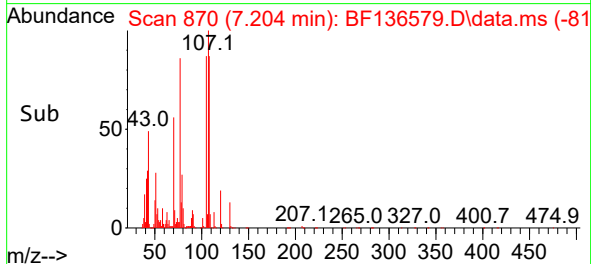
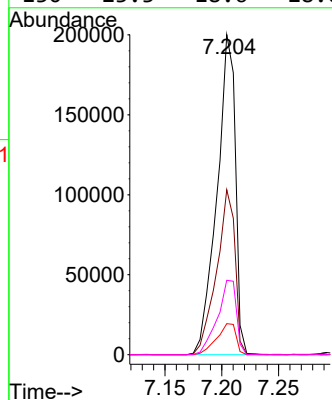
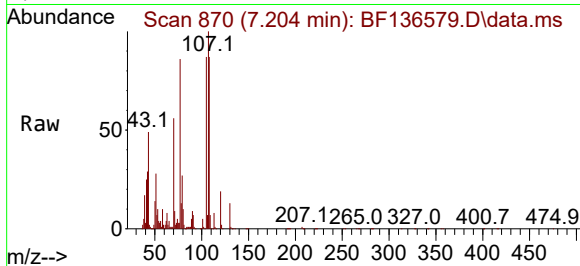




#19
n-Nitroso-di-n-propylamine
Concen: 42.257 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

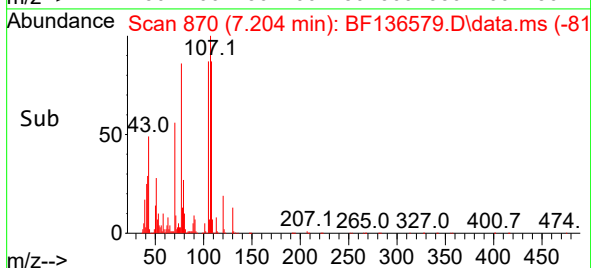
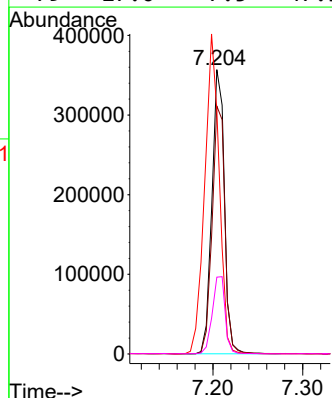
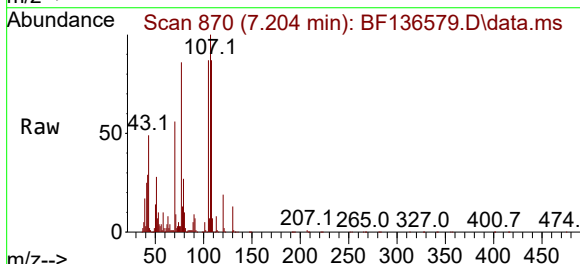
Instrument :
BNA_F
ClientSampleId :

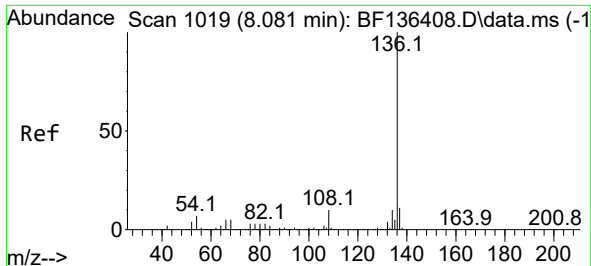
Tgt Ion: 70 Resp: 226291
Ion Ratio Lower Upper
70 100
42 51.5 41.4 62.0
101 9.7 8.2 12.4
130 23.3 18.6 28.0



#20
3+4-Methylphenols
Concen: 42.263 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

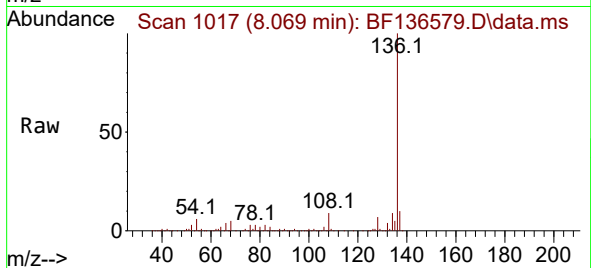
Tgt Ion: 107 Resp: 344255
Ion Ratio Lower Upper
107 100
108 87.1 65.9 105.9
77 85.6 91.7 131.7#
79 27.0 7.5 47.5



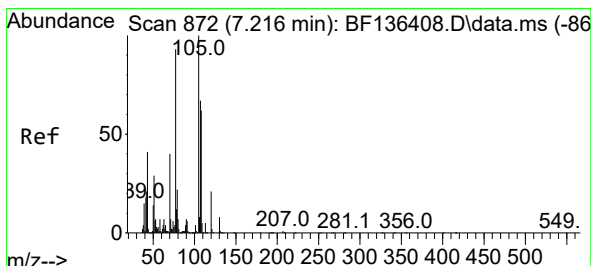
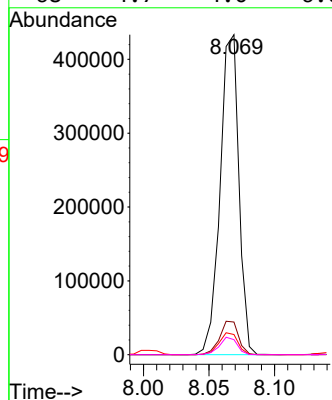
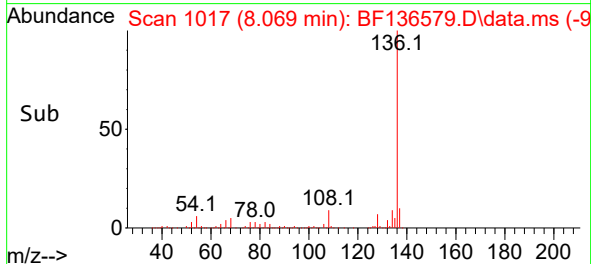


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

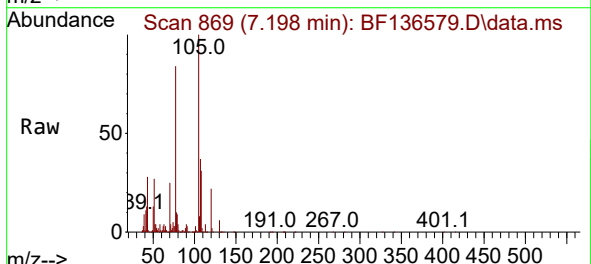
Instrument :
BNA_F
ClientSampleId :



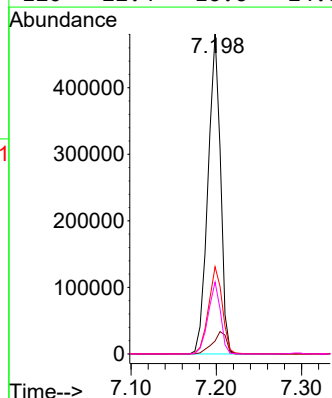
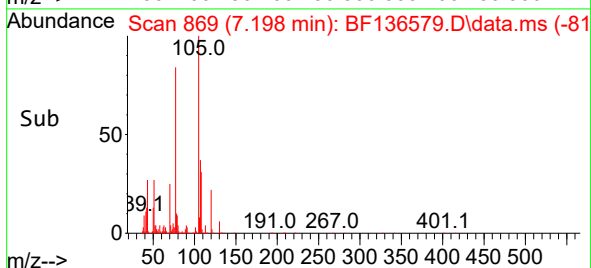
Tgt Ion:136	Resp: 431476
Ion Ratio	Lower Upper
136 100	
137 10.2	8.6 12.8
54 6.3	5.7 8.5
68 4.7	4.0 6.0

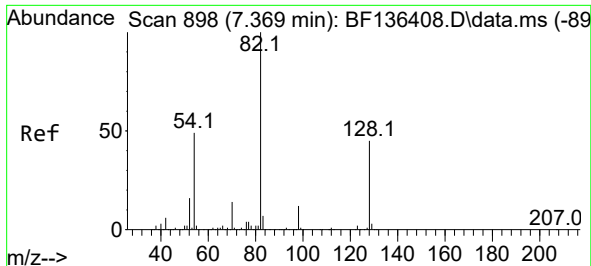


#22
Acetophenone
Concen: 45.968 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53



Tgt	Ion:105	Resp:	489781
Ion	Ratio	Lower	Upper
105	100		
71	4.1	5.4	8.0#
51	27.3	23.4	35.2
120	22.4	16.6	24.8





#23

Nitrobenzene-d5

Concen: 73.446 ng

RT: 7.351 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

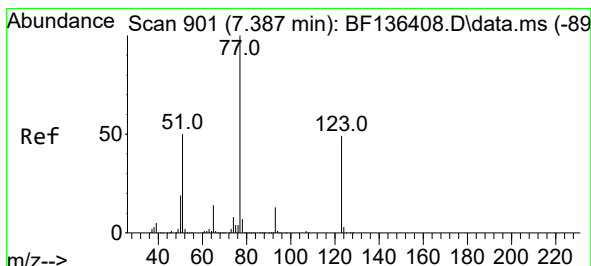
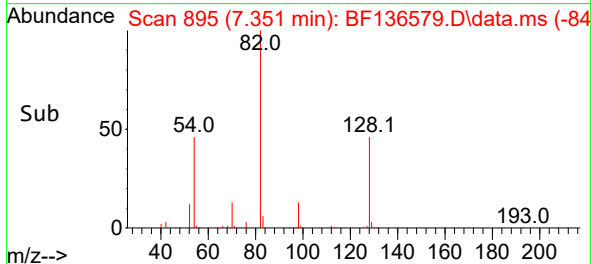
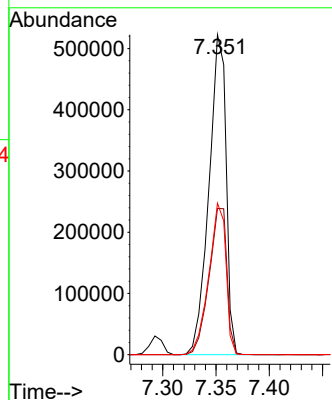
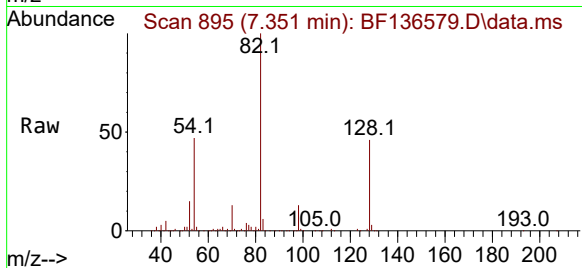
Tgt Ion: 82 Resp: 586204

Ion Ratio Lower Upper

82 100

128 45.7 36.3 54.5

54 47.4 39.0 58.6



#24

Nitrobenzene

Concen: 41.718 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

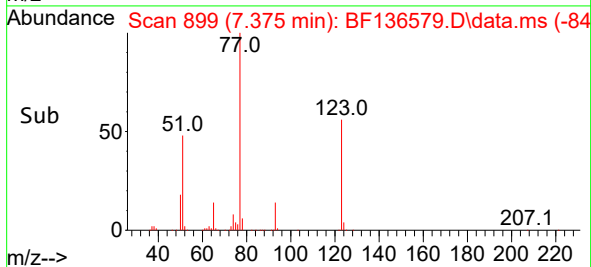
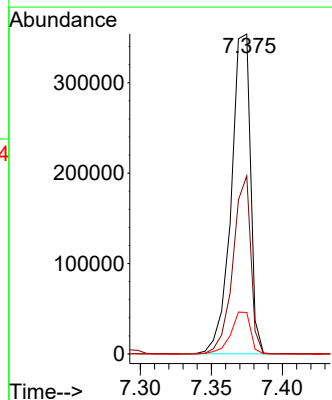
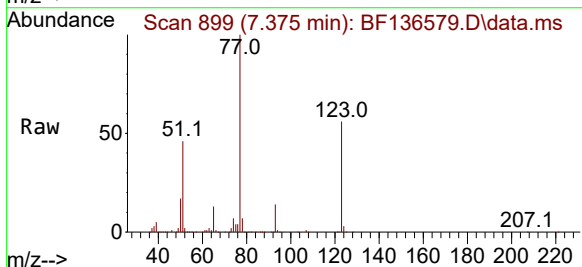
Tgt Ion: 77 Resp: 334957

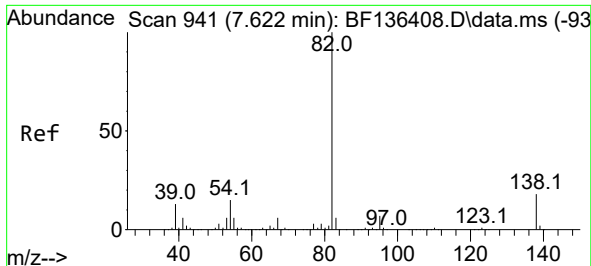
Ion Ratio Lower Upper

77 100

123 55.7 39.0 58.6

65 13.0 11.3 16.9

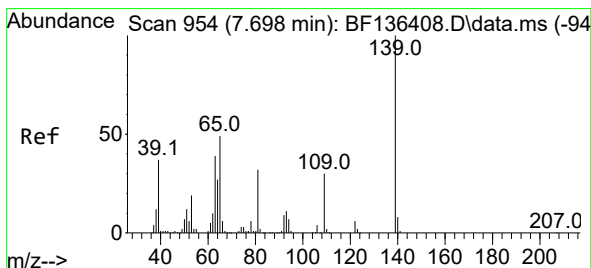
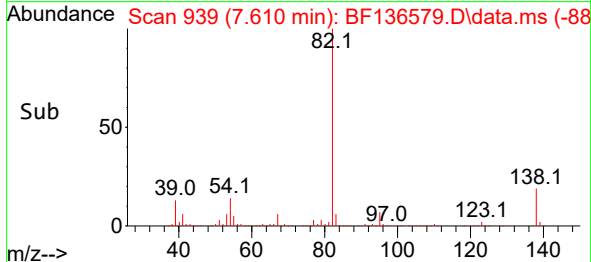
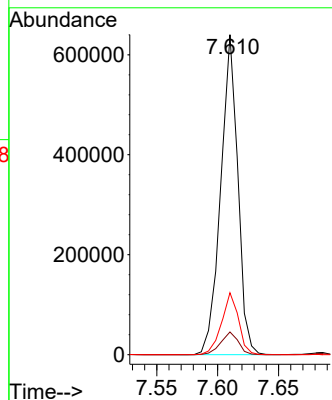
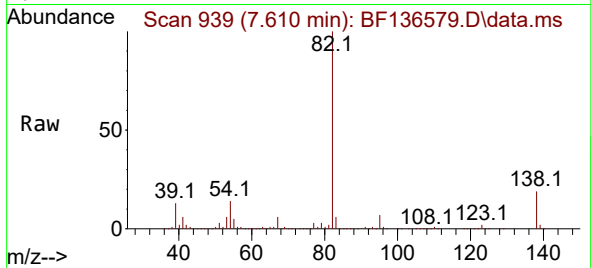




#25
Isophorone
Concen: 43.756 ng
RT: 7.610 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

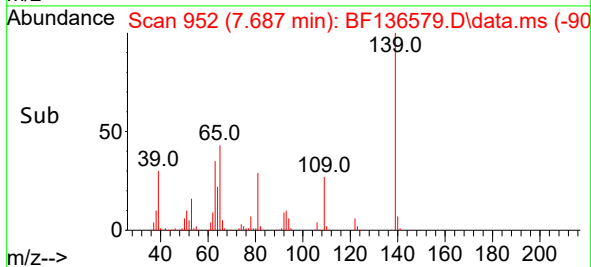
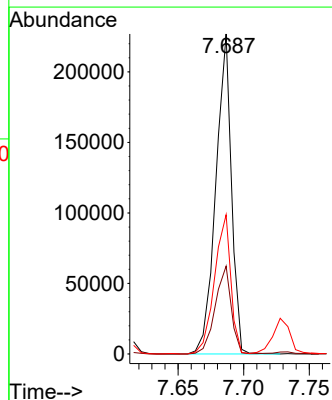
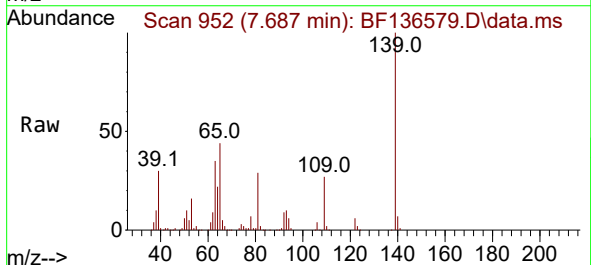
Instrument :
BNA_F
ClientSampleId :

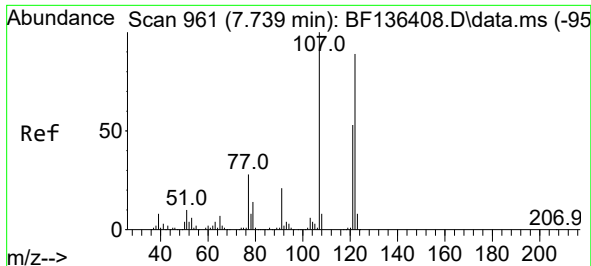
Tgt Ion: 82 Resp: 627429
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 19.4 14.5 21.7



#26
2-Nitrophenol
Concen: 47.563 ng
RT: 7.687 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Tgt Ion:139 Resp: 187741
Ion Ratio Lower Upper
139 100
109 27.5 23.6 35.4
65 43.5 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 53.943 ng

RT: 7.728 min Scan# 91

Delta R.T. 0.000 min

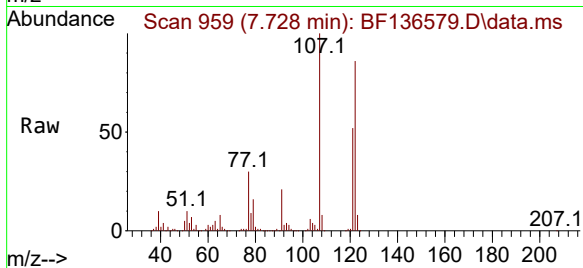
Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :



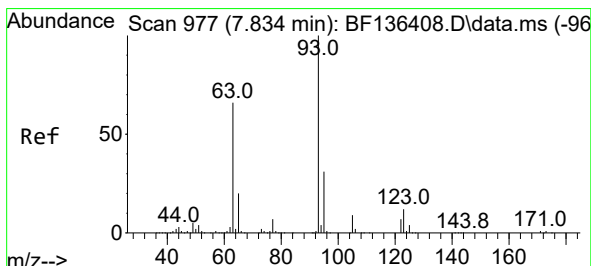
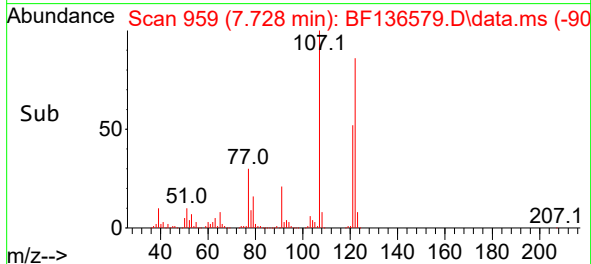
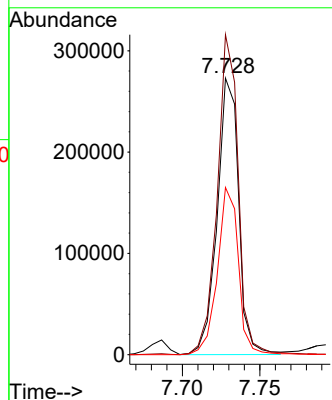
Tgt Ion:122 Resp: 262549

Ion Ratio Lower Upper

122 100

107 115.7 89.3 133.9

121 60.5 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 44.817 ng

RT: 7.822 min Scan# 975

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

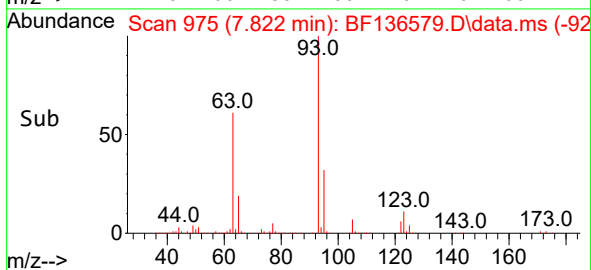
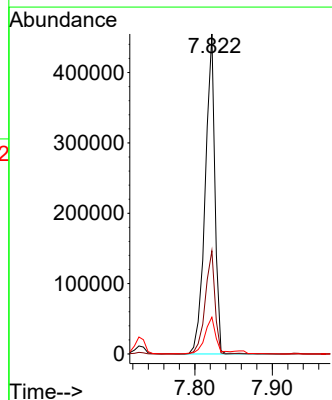
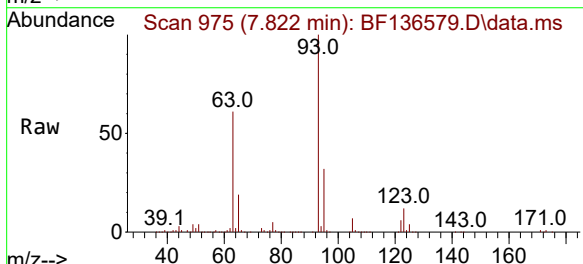
Tgt Ion: 93 Resp: 394895

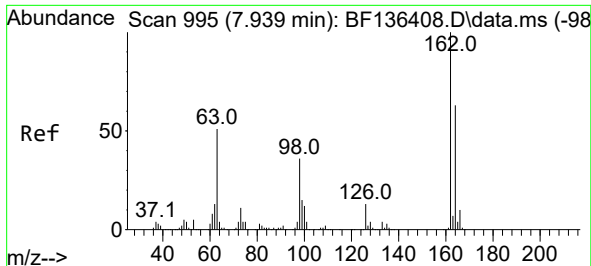
Ion Ratio Lower Upper

93 100

95 32.3 25.0 37.4

123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 44.703 ng

RT: 7.934 min Scan# 995

Delta R.T. 0.006 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

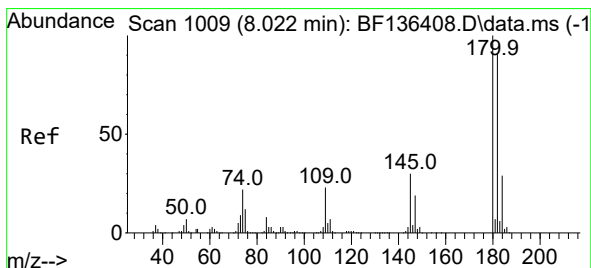
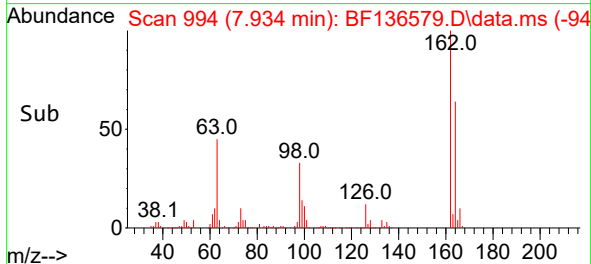
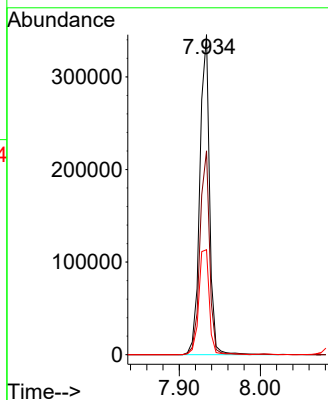
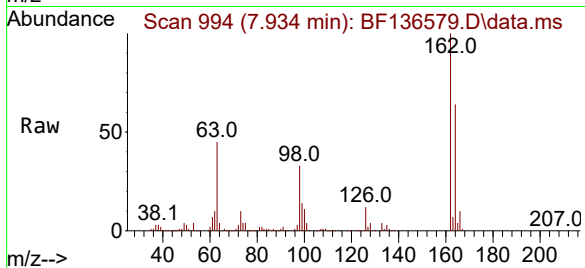
Tgt Ion:162 Resp: 287189

Ion Ratio Lower Upper

162 100

164 63.7 43.0 83.0

98 32.8 16.2 56.2



#30

1,2,4-Trichlorobenzene

Concen: 43.580 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

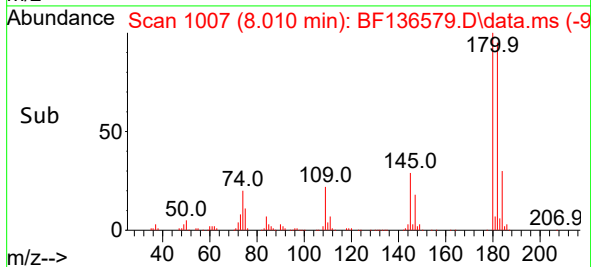
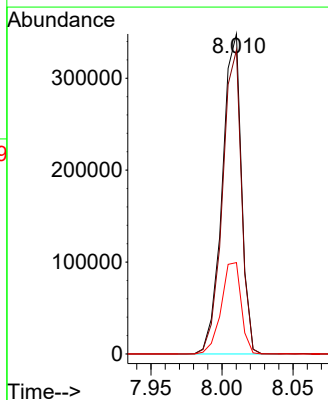
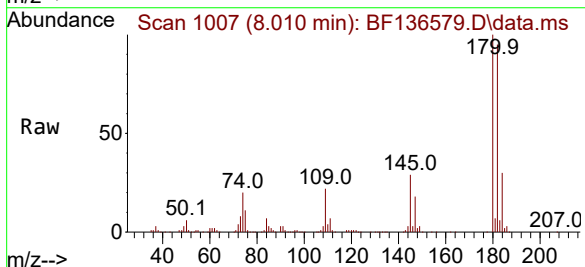
Tgt Ion:180 Resp: 326467

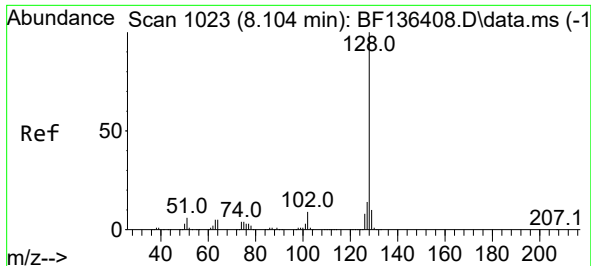
Ion Ratio Lower Upper

180 100

182 95.0 73.1 109.7

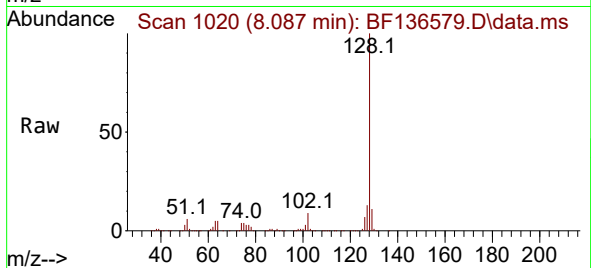
145 28.6 23.8 35.8



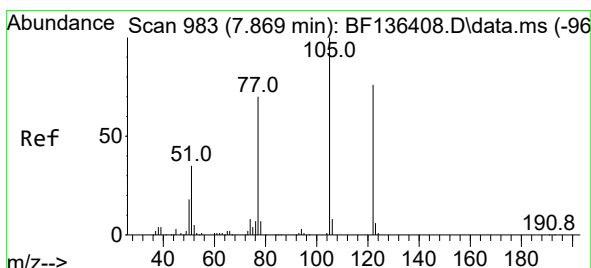
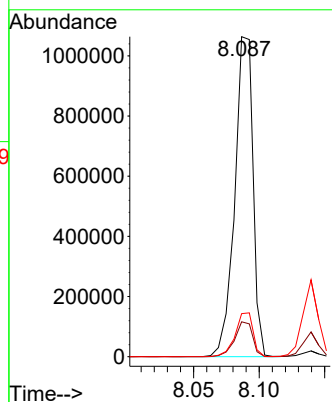
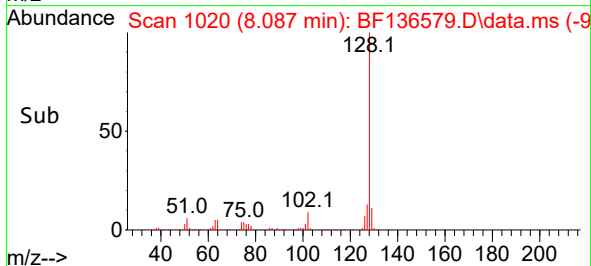


#31
Naphthalene
Concen: 43.538 ng
RT: 8.087 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :

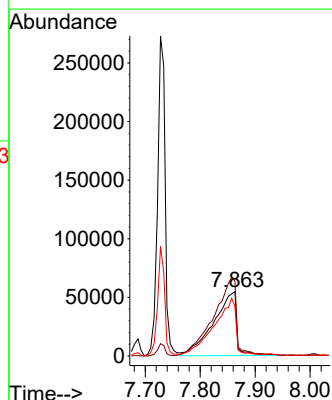
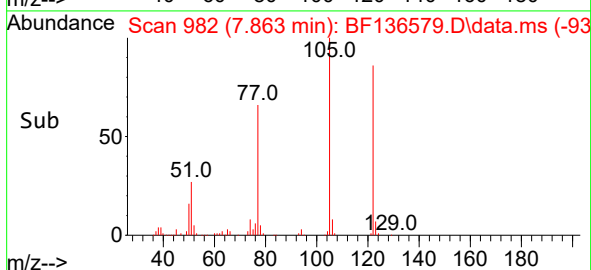
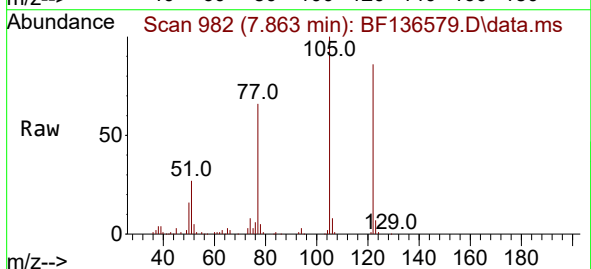


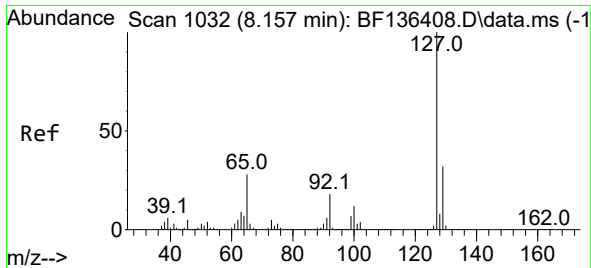
Tgt Ion:128 Resp: 1035949
Ion Ratio Lower Upper
128 100
129 10.9 8.3 12.5
127 13.5 11.1 16.7



#32
Benzoic acid
Concen: 33.403 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Tgt Ion:122 Resp: 161280
Ion Ratio Lower Upper
122 100
105 116.3 104.7 144.7
77 76.8 68.5 108.5

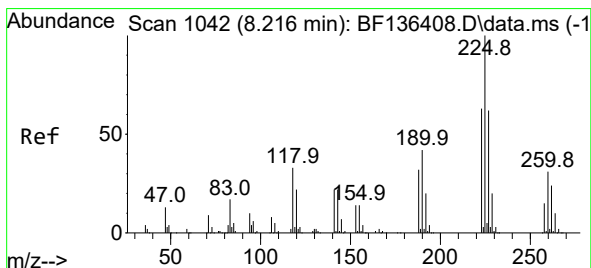
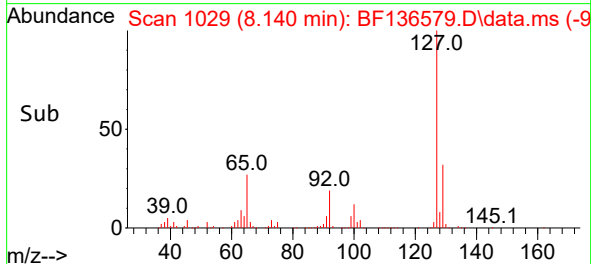
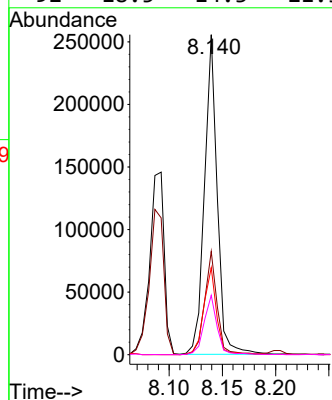
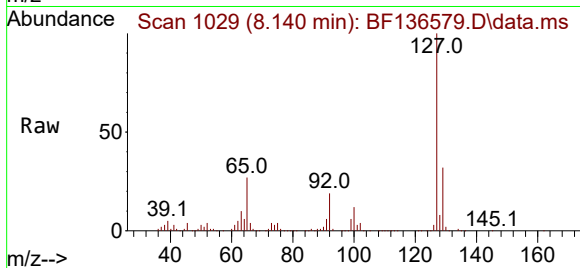




#33
4-Chloroaniline
Concen: 25.175 ng
RT: 8.140 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

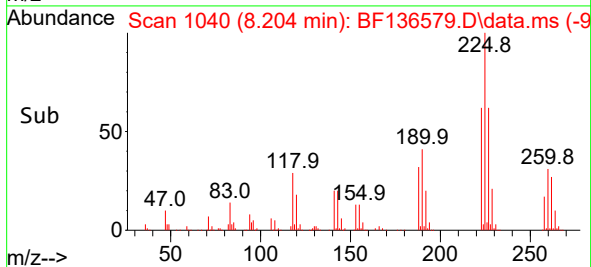
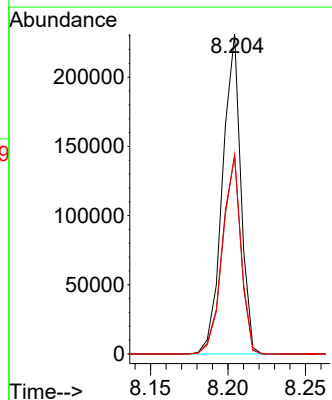
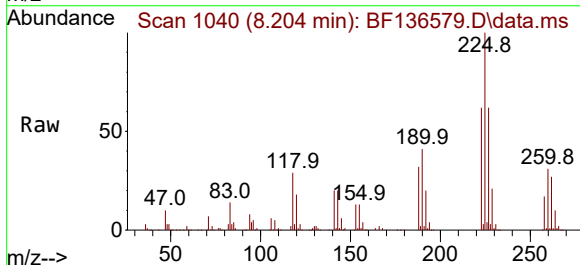
Instrument :
BNA_F
ClientSampleId :

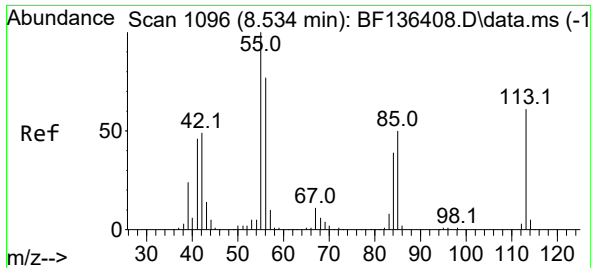
Tgt Ion:	127	Resp:	213554
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	27.2	22.5	33.7
92	18.5	14.3	21.5



#34
Hexachlorobutadiene
Concen: 42.730 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Tgt Ion:	225	Resp:	189706
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.8	76.2
227	62.3	49.8	74.8

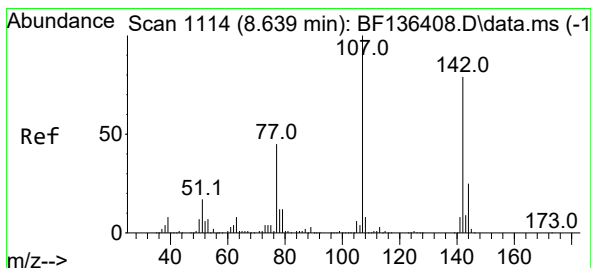
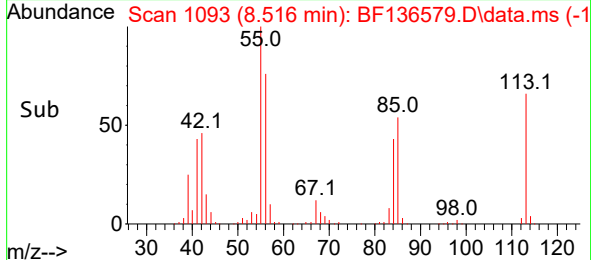
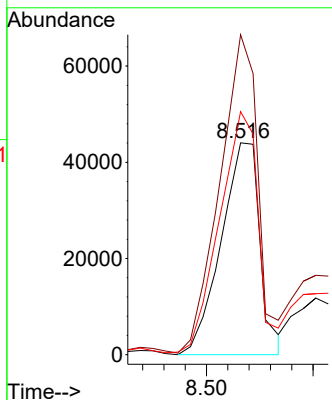
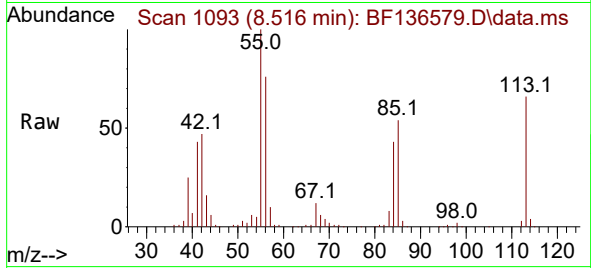




#35
 Caprolactam
 Concen: 28.112 ng
 RT: 8.516 min Scan# 1093
 Delta R.T. -0.006 min
 Lab File: BF136579.D
 Acq: 14 Dec 2023 20:53

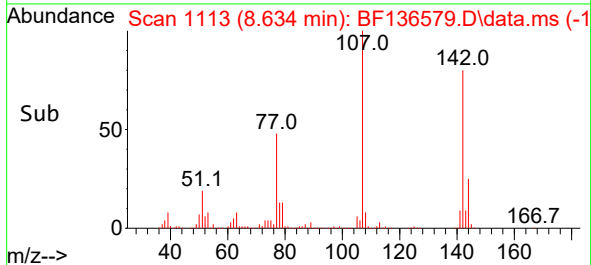
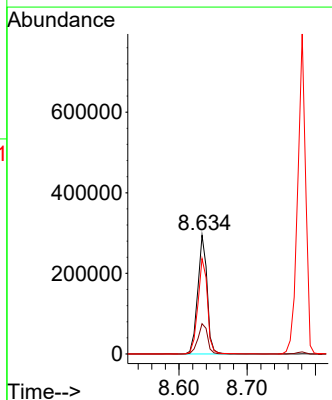
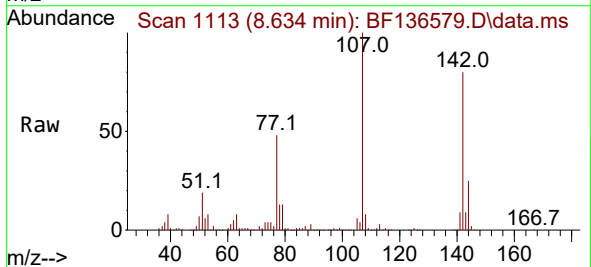
Instrument :
 BNA_F
 ClientSampleId :

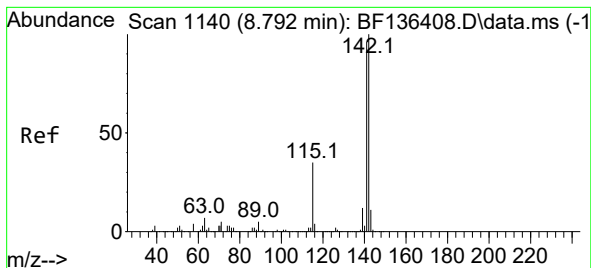
Tgt Ion:113 Resp: 55617
 Ion Ratio Lower Upper
 113 100
 55 151.1 143.7 183.7
 56 114.7 105.2 145.2



#36
 4-Chloro-3-methylphenol
 Concen: 41.296 ng
 RT: 8.634 min Scan# 1113
 Delta R.T. 0.006 min
 Lab File: BF136579.D
 Acq: 14 Dec 2023 20:53

Tgt Ion:107 Resp: 281692
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.1 30.1
 142 80.3 63.1 94.7





#37

2-Methylnaphthalene

Concen: 42.634 ng

RT: 8.781 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

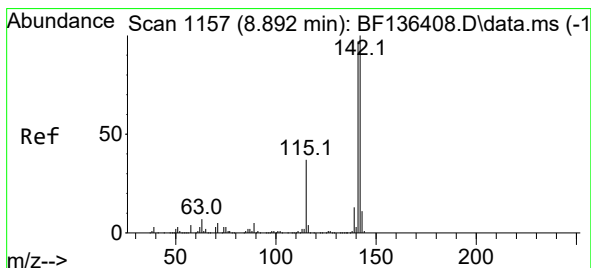
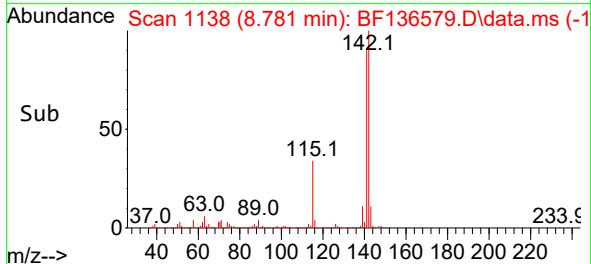
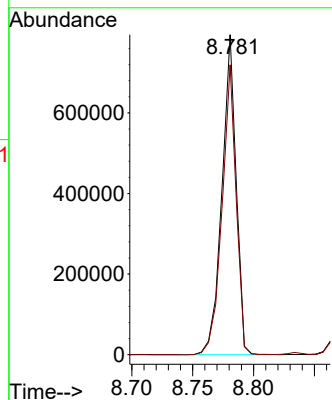
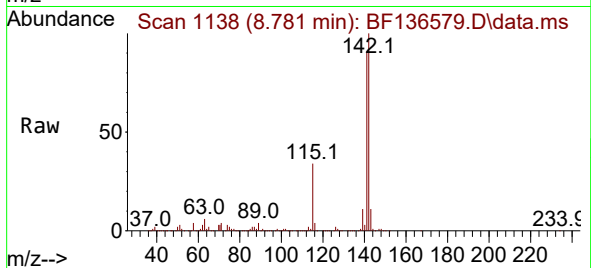
ClientSampleId :

Tgt Ion:142 Resp: 645384

Ion Ratio Lower Upper

142 100

141 90.6 76.4 114.6



#38

1-Methylnaphthalene

Concen: 41.694 ng

RT: 8.881 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF136579.D

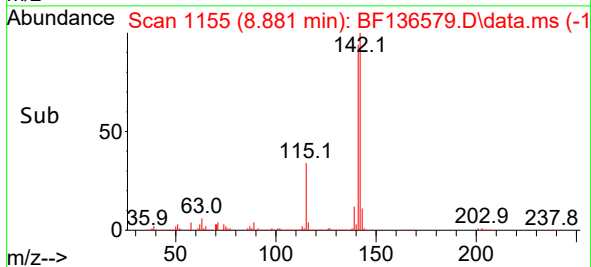
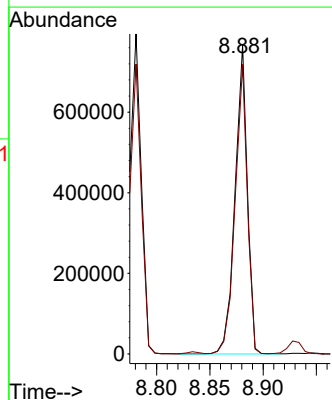
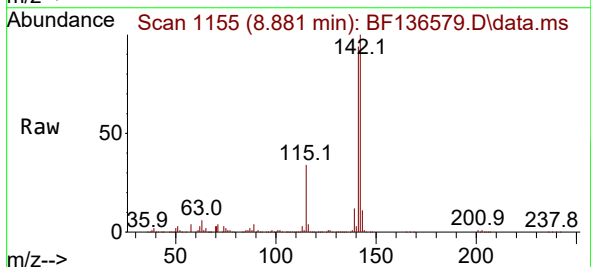
Acq: 14 Dec 2023 20:53

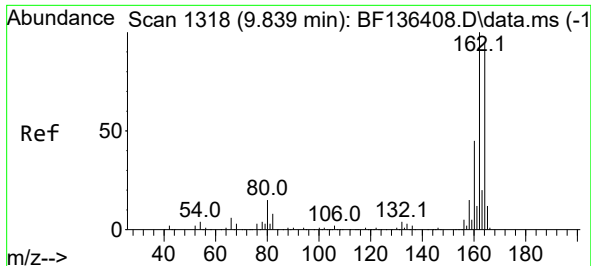
Tgt Ion:142 Resp: 619330

Ion Ratio Lower Upper

142 100

141 93.6 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

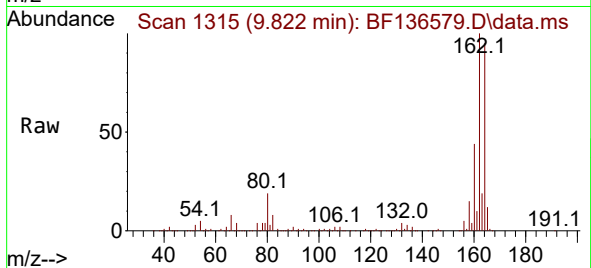
Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :



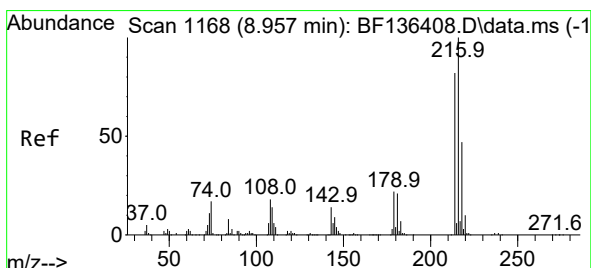
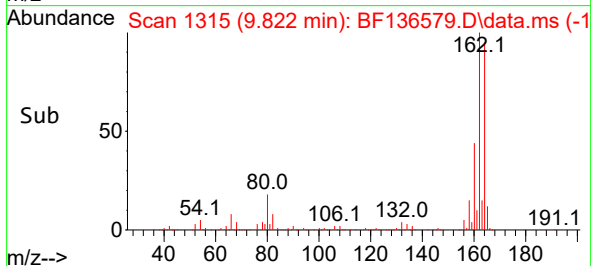
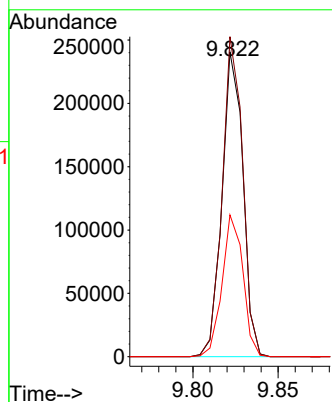
Tgt Ion:164 Resp: 205526

Ion Ratio Lower Upper

164 100

162 105.1 84.4 126.6

160 46.5 37.6 56.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.328 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Tgt Ion:216 Resp: 328201

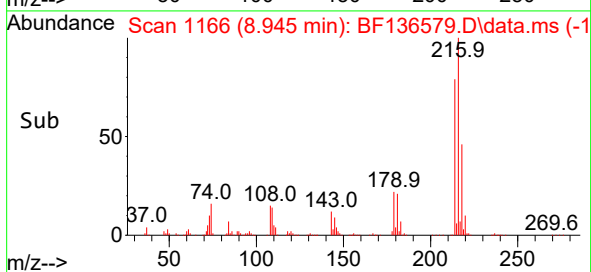
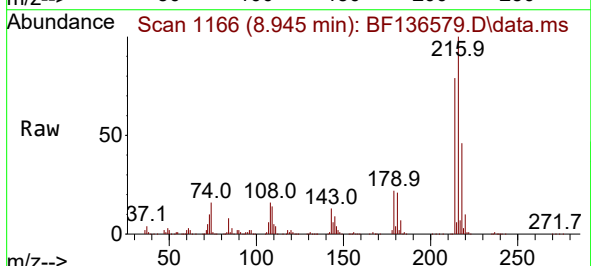
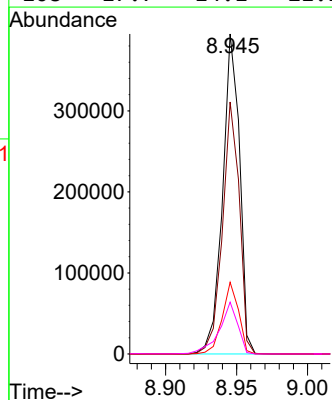
Ion Ratio Lower Upper

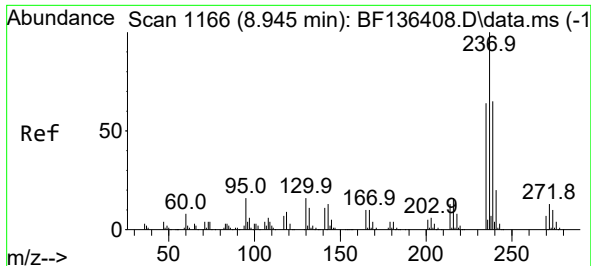
216 100

214 77.7 64.1 96.1

179 21.6 17.0 25.6

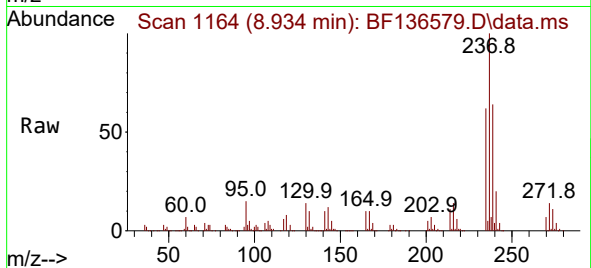
108 17.7 14.1 21.1



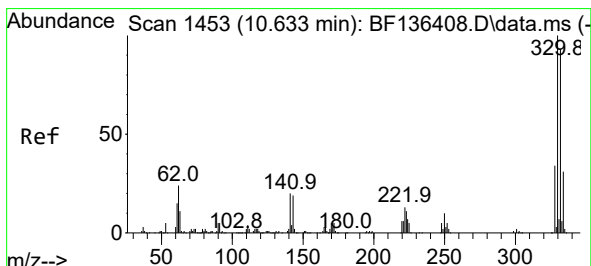
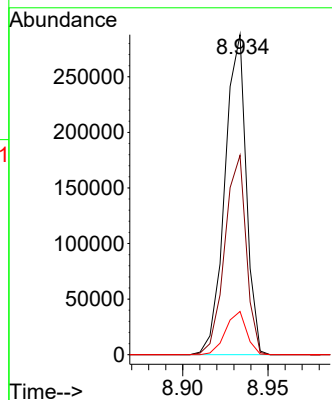
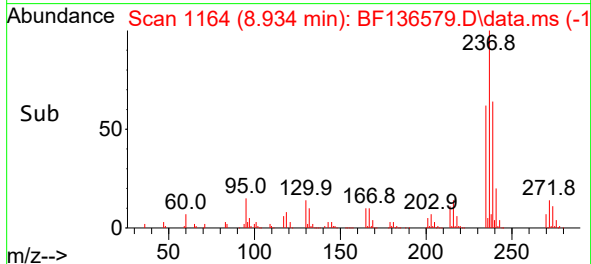


#41
Hexachlorocyclopentadiene
Concen: 105.969 ng
RT: 8.934 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

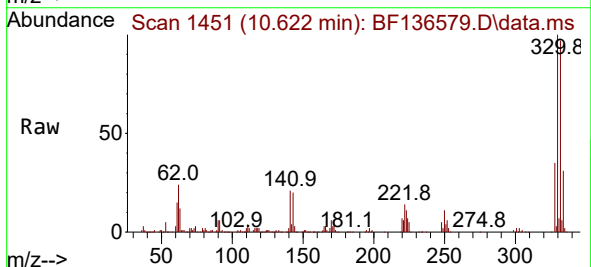
Instrument :
BNA_F
ClientSampleId :



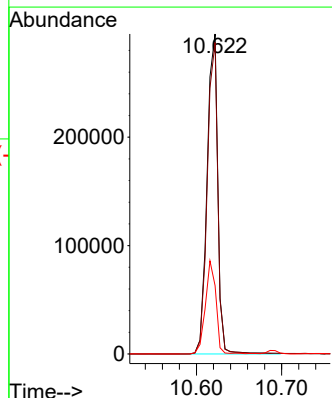
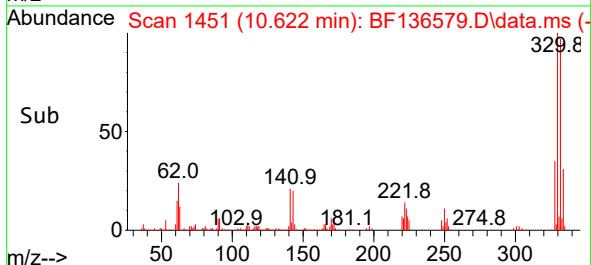
Tgt Ion:237 Resp: 251028
Ion Ratio Lower Upper
237 100
235 62.3 44.1 84.1
272 13.5 0.0 33.3

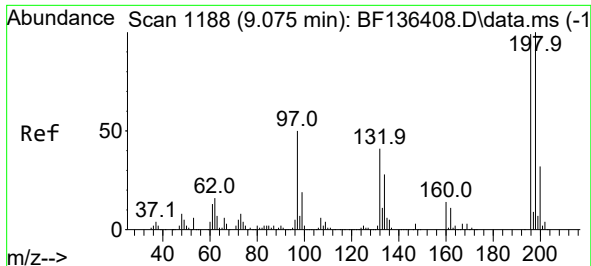


#42
2,4,6-Tribromophenol
Concen: 101.340 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53



Tgt Ion:330 Resp: 256811
Ion Ratio Lower Upper
330 100
332 95.9 76.4 114.6
141 28.7 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 47.634 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

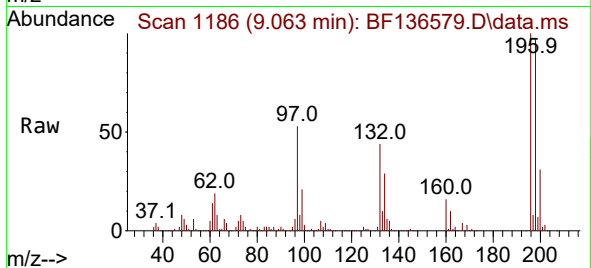
Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :



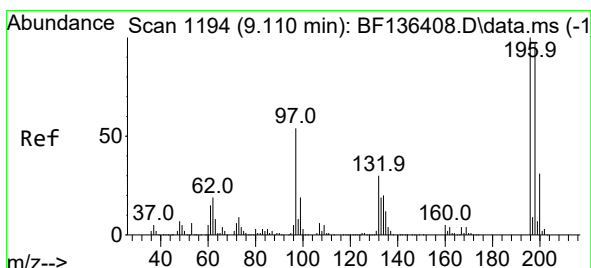
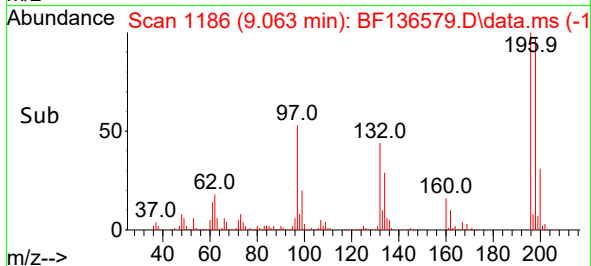
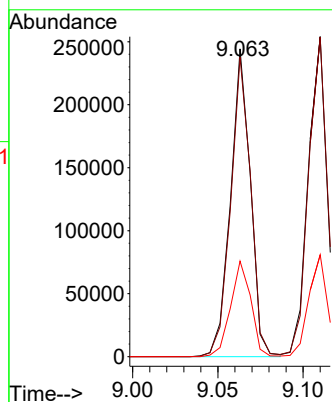
Tgt Ion:196 Resp: 198322

Ion Ratio Lower Upper

196 100

198 97.4 80.4 120.6

200 31.0 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 43.715 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Tgt Ion:196 Resp: 203138

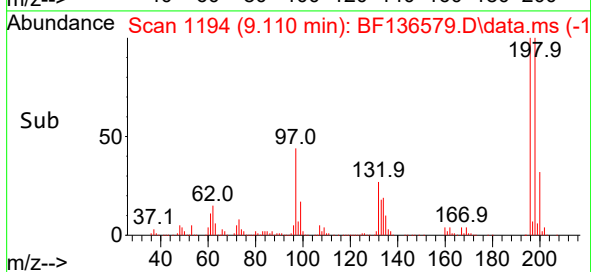
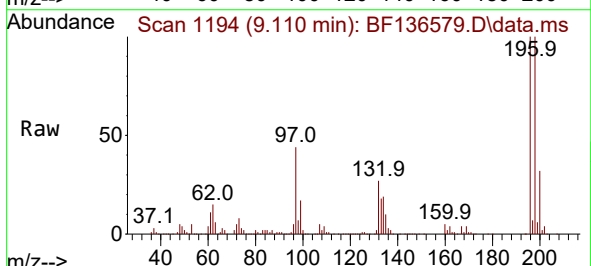
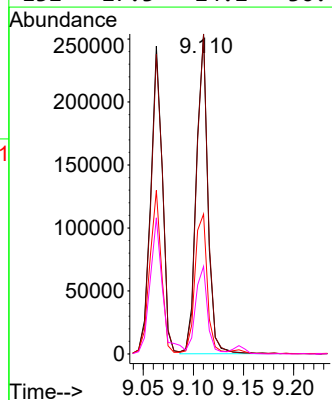
Ion Ratio Lower Upper

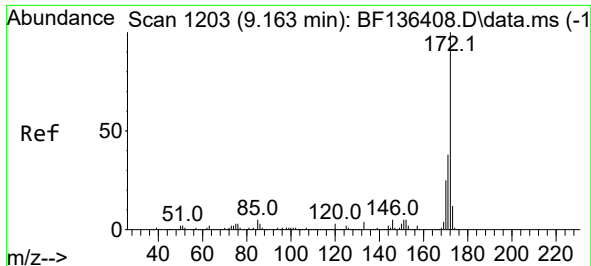
196 100

198 99.9 78.1 117.1

97 43.7 43.4 65.2

132 27.3 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 76.721 ng

RT: 9.145 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

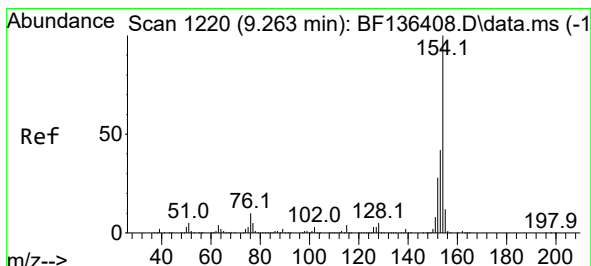
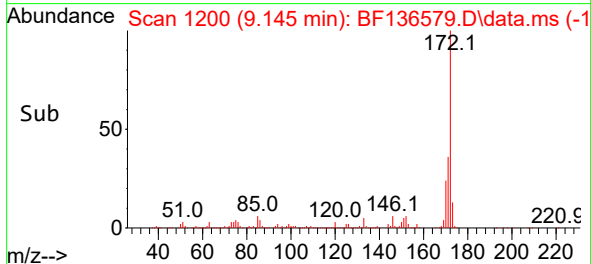
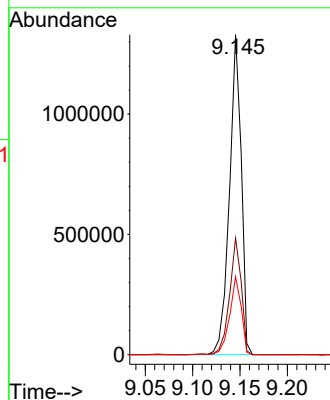
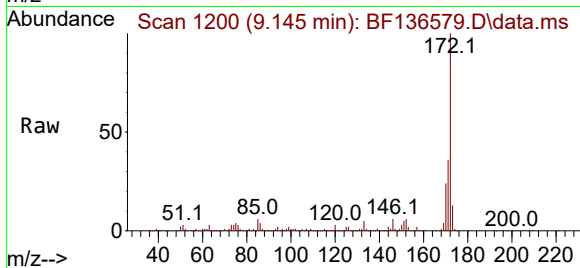
Tgt Ion:172 Resp: 1155597

Ion Ratio Lower Upper

172 100

171 36.5 30.5 45.7

170 24.4 19.9 29.9



#46

1,1'-Biphenyl

Concen: 48.252 ng

RT: 9.245 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

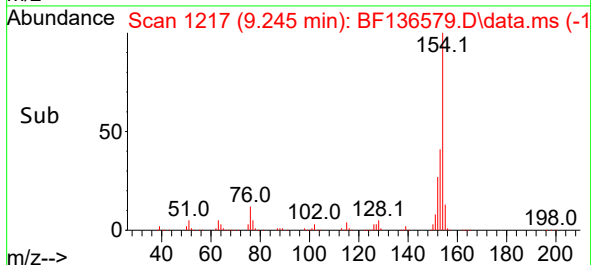
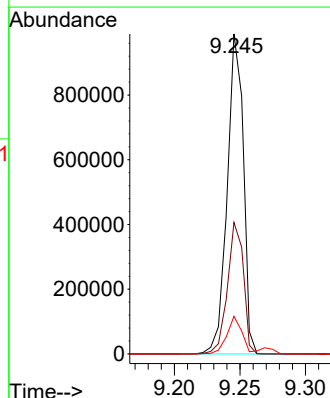
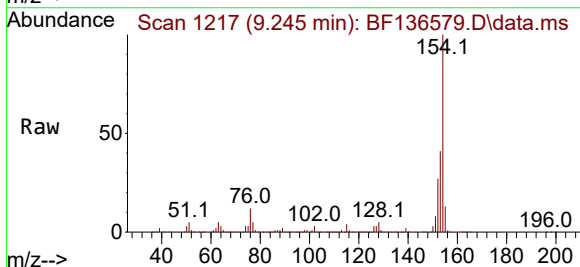
Tgt Ion:154 Resp: 843835

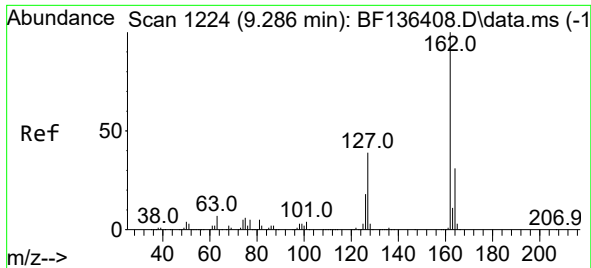
Ion Ratio Lower Upper

154 100

153 41.1 22.5 62.5

76 11.8 0.0 29.9

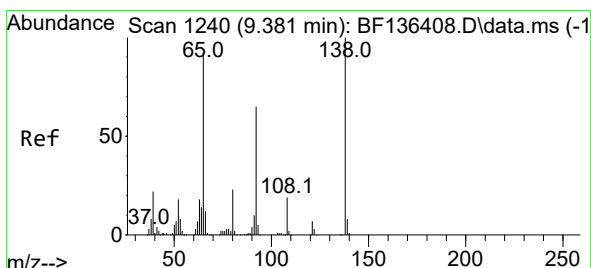
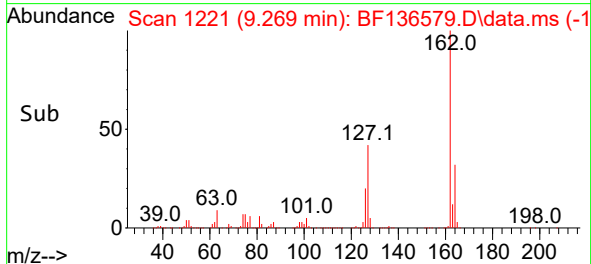
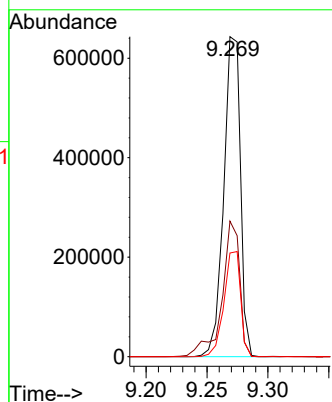
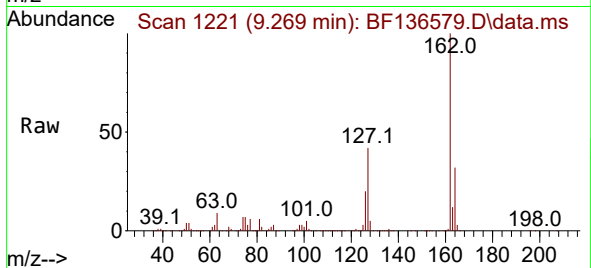




#47
 2-Chloronaphthalene
 Concen: 45.198 ng
 RT: 9.269 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136579.D
 Acq: 14 Dec 2023 20:53

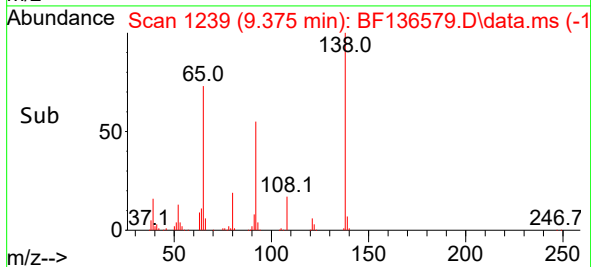
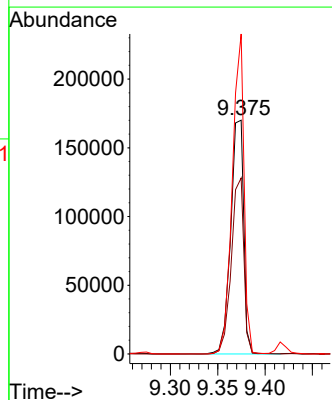
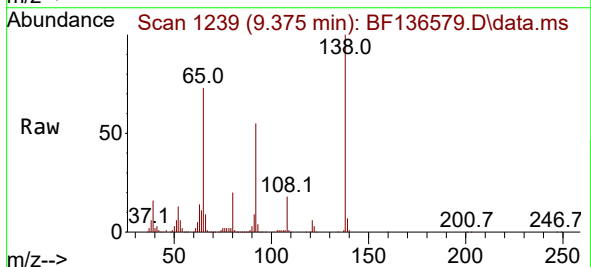
Instrument :
 BNA_F
 ClientSampleId :

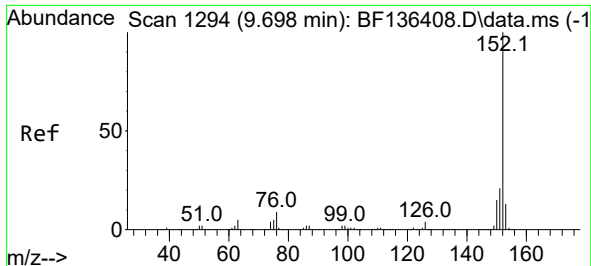
Tgt Ion:162 Resp: 615202
 Ion Ratio Lower Upper
 162 100
 127 42.3 31.1 46.7
 164 32.4 24.6 37.0



#48
 2-Nitroaniline
 Concen: 44.635 ng
 RT: 9.375 min Scan# 1239
 Delta R.T. 0.006 min
 Lab File: BF136579.D
 Acq: 14 Dec 2023 20:53

Tgt Ion: 65 Resp: 162947
 Ion Ratio Lower Upper
 65 100
 92 75.3 56.1 84.1
 138 136.9 86.7 130.1#





#49

Acenaphthylene

Concen: 48.640 ng

RT: 9.686 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

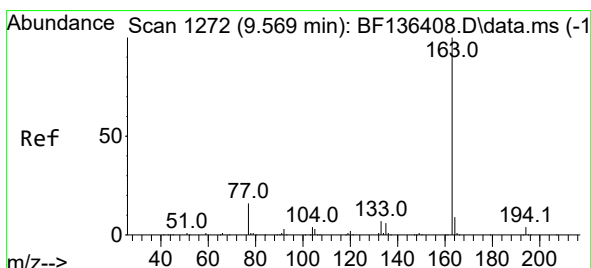
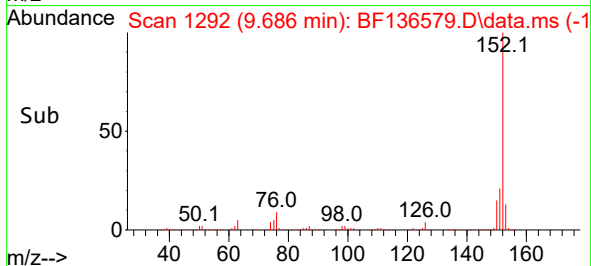
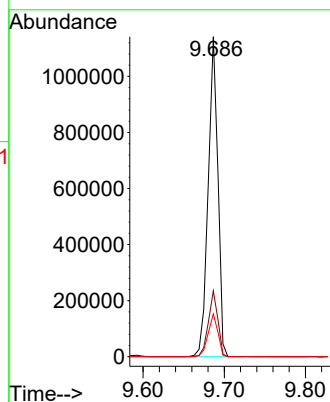
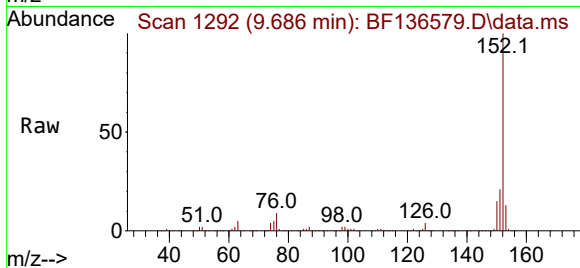
Tgt Ion:152 Resp: 943113

Ion Ratio Lower Upper

152 100

151 20.6 17.2 25.8

153 13.4 10.6 15.8



#50

Dimethylphthalate

Concen: 47.755 ng

RT: 9.551 min Scan# 1269

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

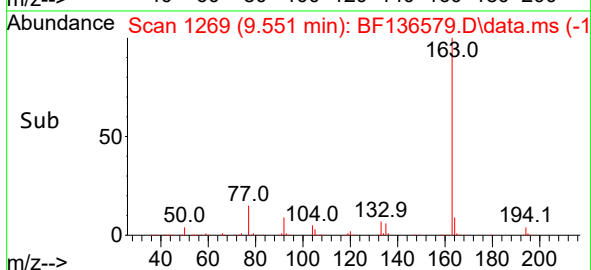
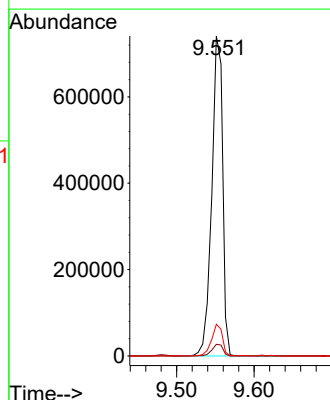
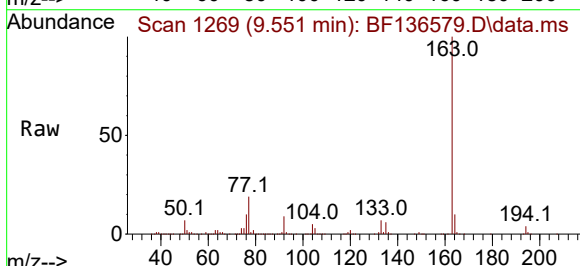
Tgt Ion:163 Resp: 722608

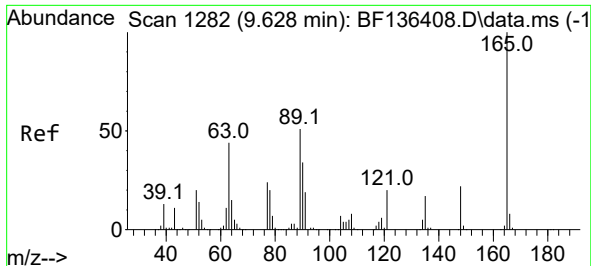
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 9.9 7.4 11.2





#51

2,6-Dinitrotoluene

Concen: 45.852 ng

RT: 9.616 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

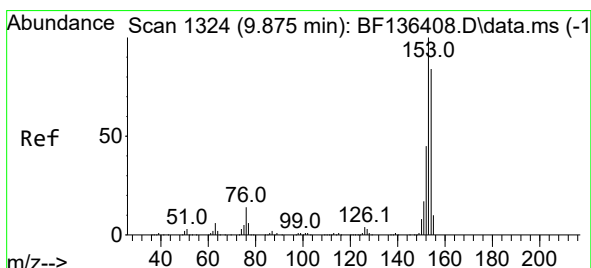
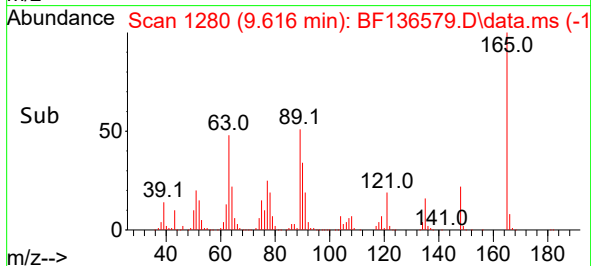
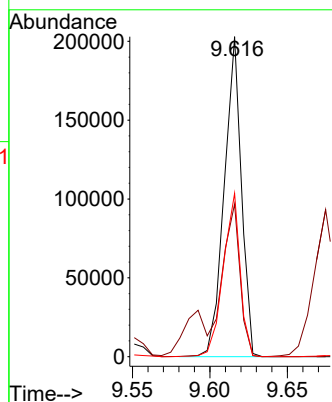
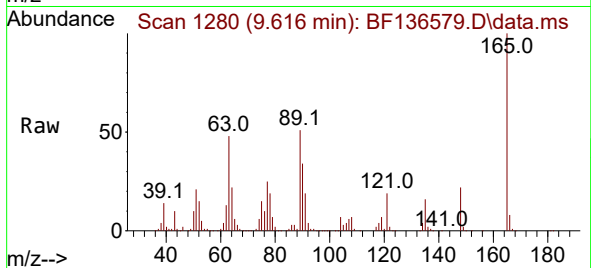
Tgt Ion:165 Resp: 156088

Ion Ratio Lower Upper

165 100

63 47.7 40.4 60.6

89 51.1 40.6 60.8



#52

Acenaphthene

Concen: 45.040 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

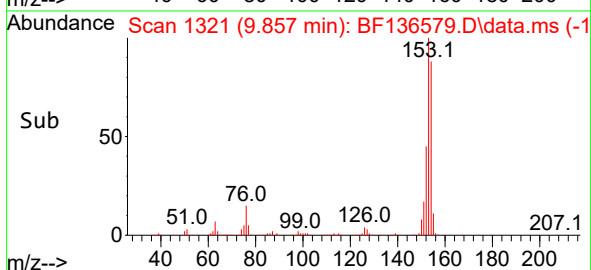
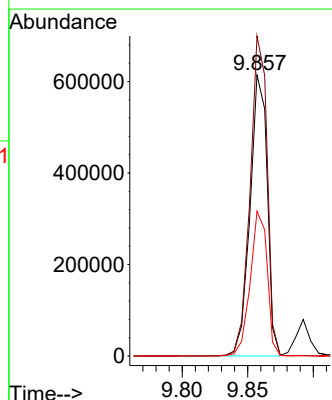
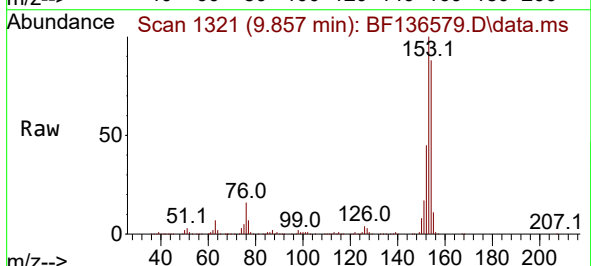
Tgt Ion:154 Resp: 559626

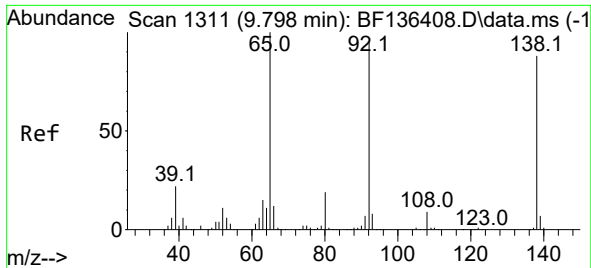
Ion Ratio Lower Upper

154 100

153 113.9 95.3 142.9

152 51.5 43.2 64.8

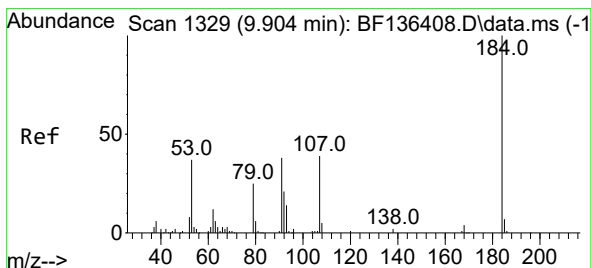
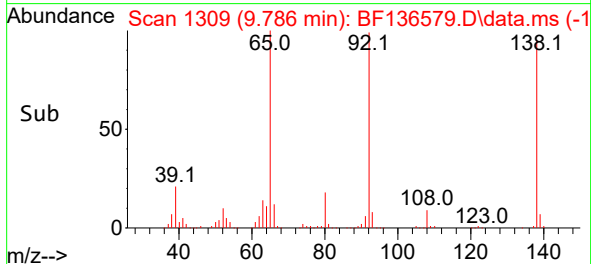
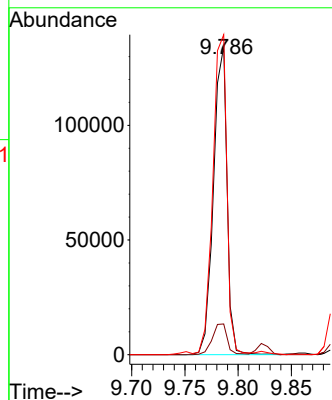
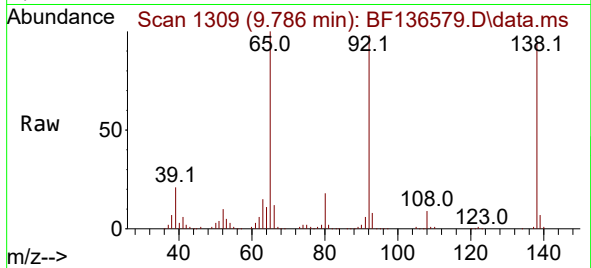




#53
3-Nitroaniline
Concen: 34.241 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

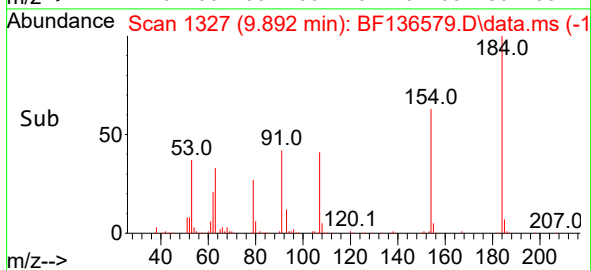
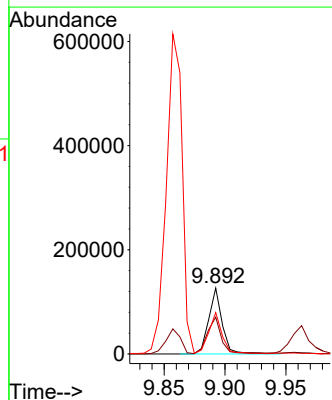
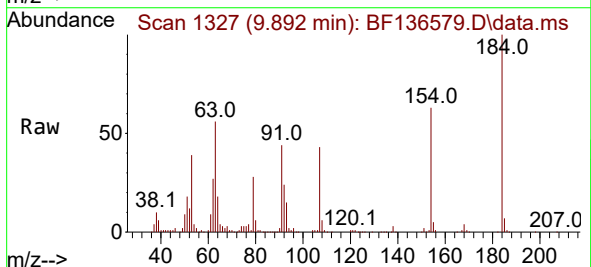
Instrument :
BNA_F
ClientSampleId :

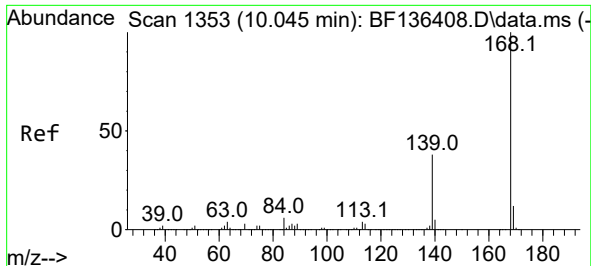
Tgt Ion:138 Resp: 119031
Ion Ratio Lower Upper
138 100
108 9.9 8.5 12.7
92 103.8 86.1 129.1



#54
2,4-Dinitrophenol
Concen: 57.080 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

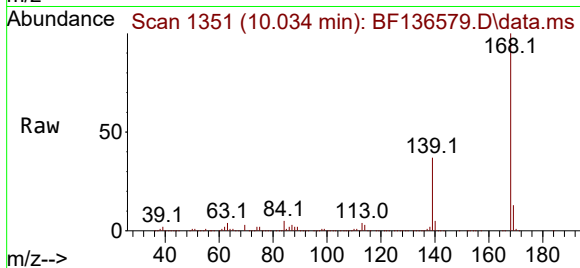
Tgt Ion:184 Resp: 98243
Ion Ratio Lower Upper
184 100
63 55.8 39.1 58.7
154 62.9 49.9 74.9



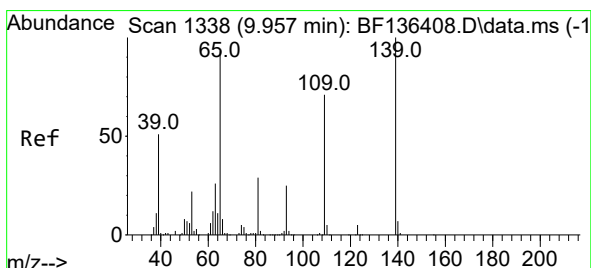
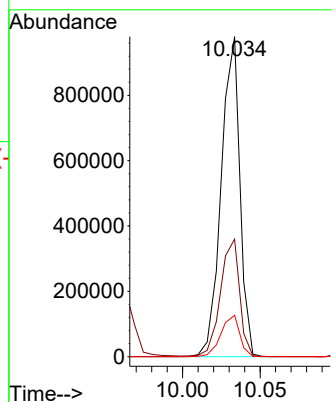
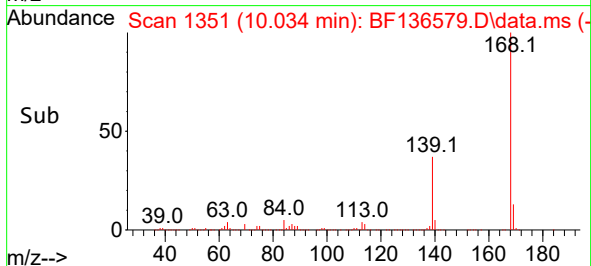


#55
Dibenzenofuran
Concen: 45.179 ng
RT: 10.034 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :

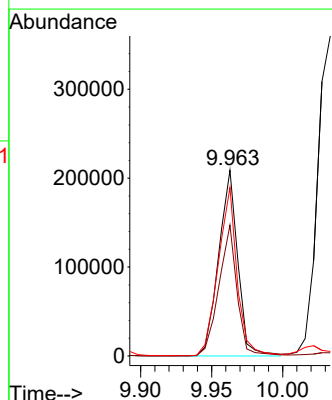
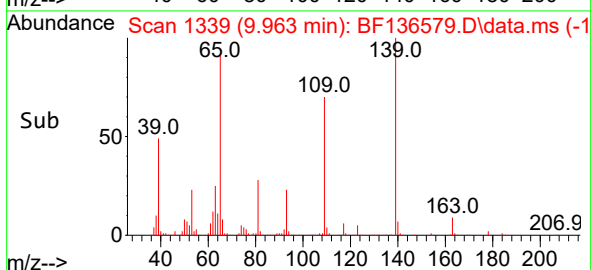
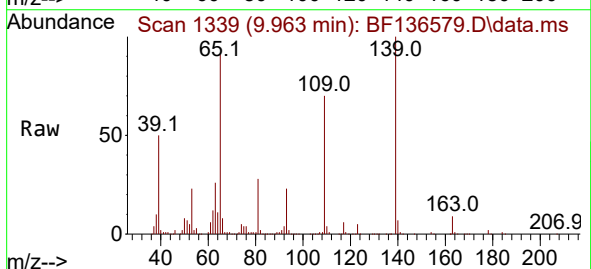


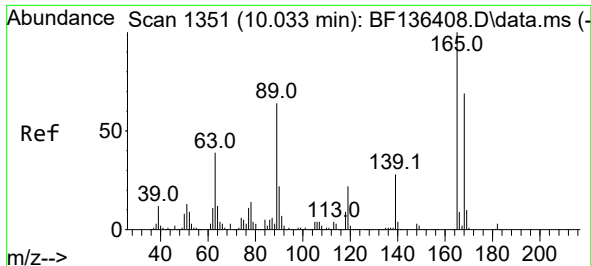
Tgt Ion:168 Resp: 820074
Ion Ratio Lower Upper
168 100
139 36.7 30.4 45.6
169 13.0 9.9 14.9



#56
4-Nitrophenol
Concen: 75.004 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Tgt Ion:139 Resp: 195458
Ion Ratio Lower Upper
139 100
109 70.5 50.6 90.6
65 90.7 73.1 113.1





#57

2,4-Dinitrotoluene

Concen: 43.521 ng

RT: 10.022 min Scan# 1409

Delta R.T. 0.000 min

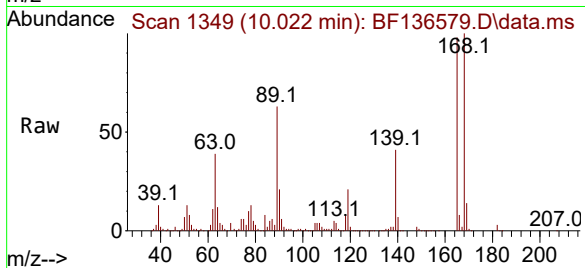
Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:165 Resp: 195988

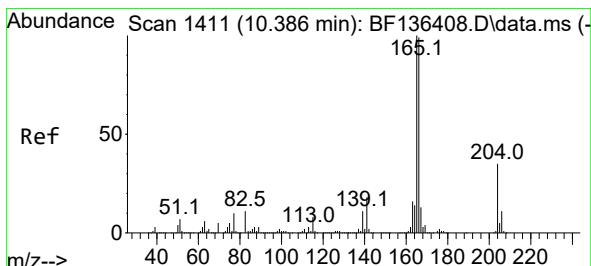
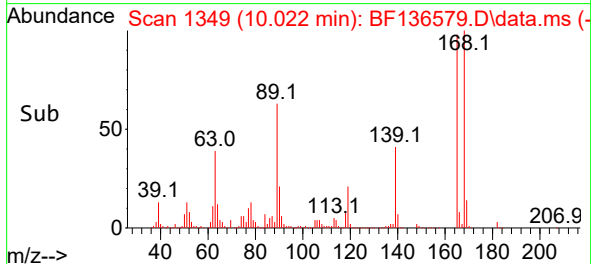
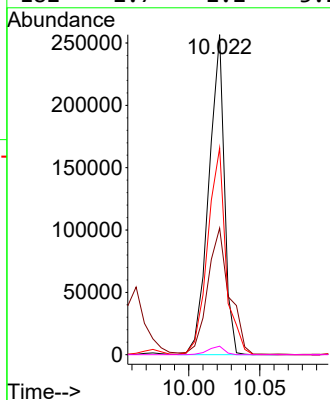
Ion Ratio Lower Upper

165 100

63 39.5 31.4 47.2

89 64.6 51.7 77.5

182 2.7 2.2 3.2



#58

Fluorene

Concen: 43.319 ng

RT: 10.375 min Scan# 1409

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

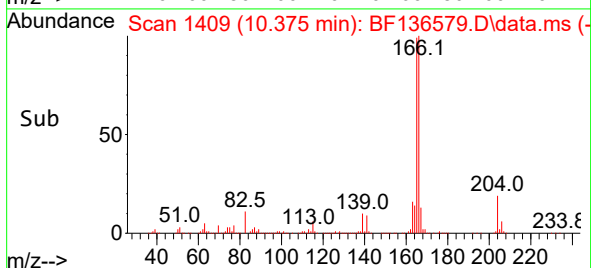
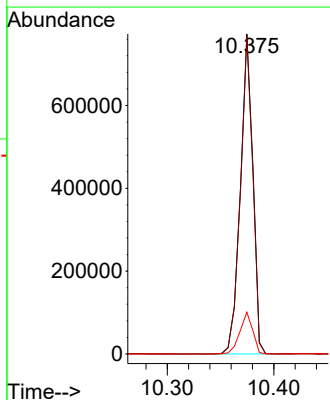
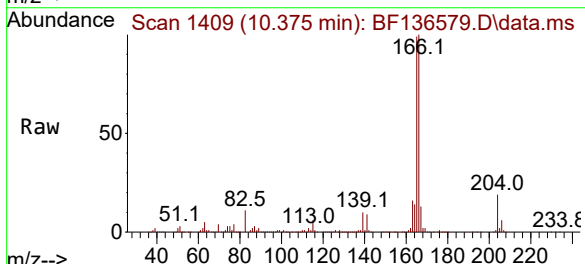
Tgt Ion:166 Resp: 631202

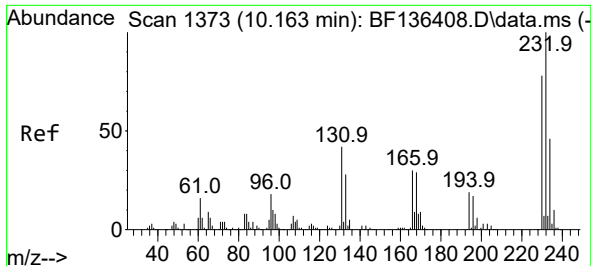
Ion Ratio Lower Upper

166 100

165 99.2 80.5 120.7

167 13.1 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.193 ng

RT: 10.151 min Scan# 1371

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:232 Resp: 157051

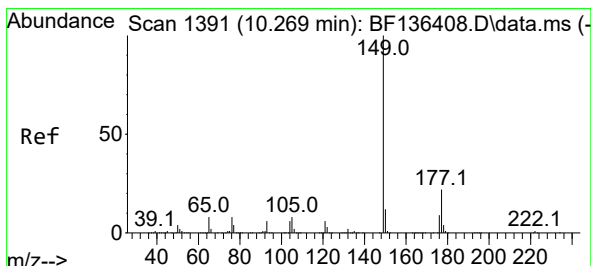
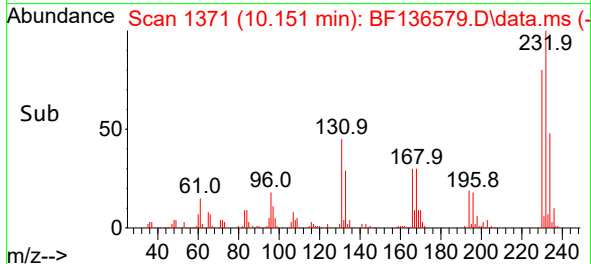
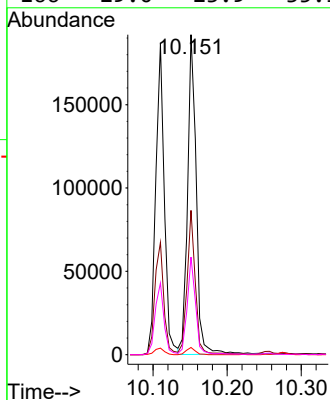
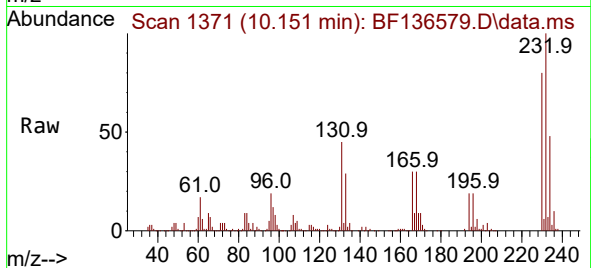
Ion Ratio Lower Upper

232 100

131 42.3 34.3 51.5

130 2.3 1.6 2.4

166 29.0 23.9 35.9



#60

Diethylphthalate

Concen: 45.199 ng

RT: 10.257 min Scan# 1389

Delta R.T. 0.006 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

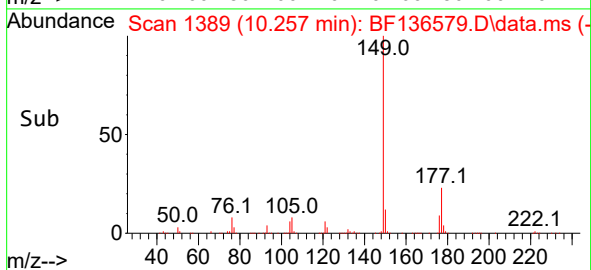
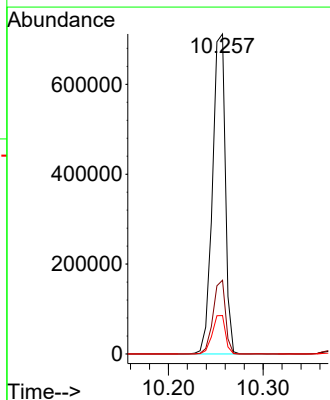
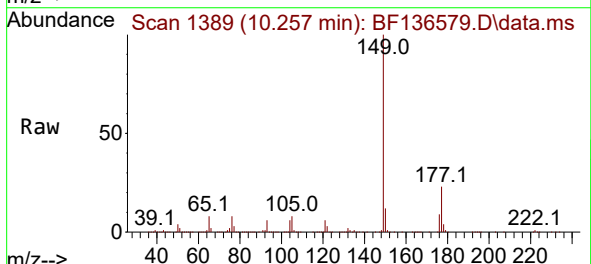
Tgt Ion:149 Resp: 672530

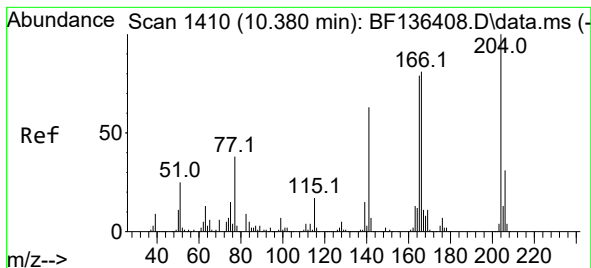
Ion Ratio Lower Upper

149 100

177 23.1 17.8 26.8

150 12.0 9.4 14.0

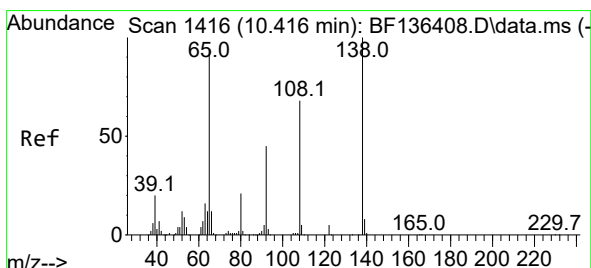
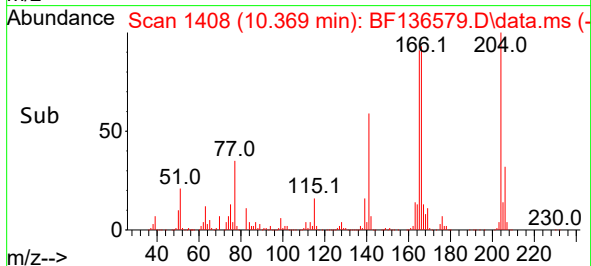
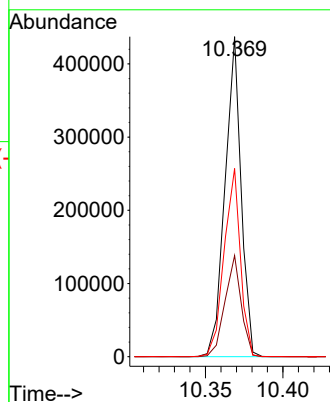
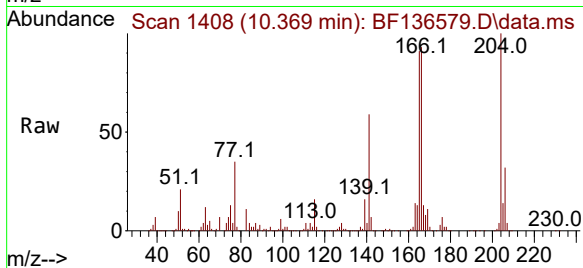




#61
4-Chlorophenyl-phenylether
Concen: 44.415 ng
RT: 10.369 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

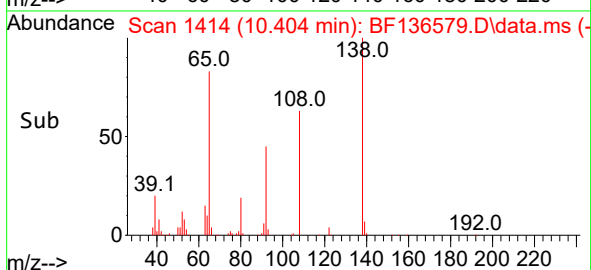
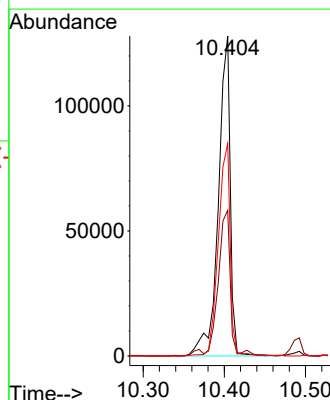
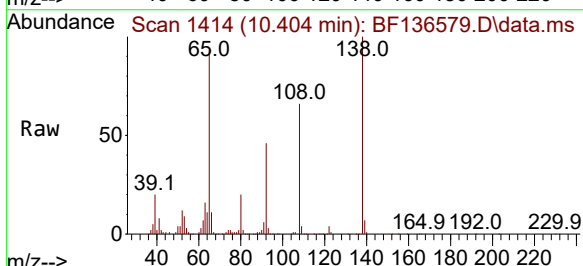
Instrument :
BNA_F
ClientSampleId :

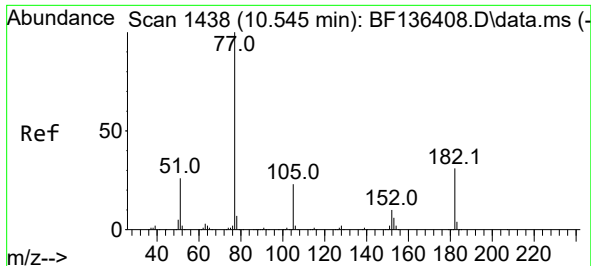
Tgt Ion:204 Resp: 315488
Ion Ratio Lower Upper
204 100
206 31.6 24.6 36.8
141 58.8 50.3 75.5



#62
4-Nitroaniline
Concen: 37.994 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

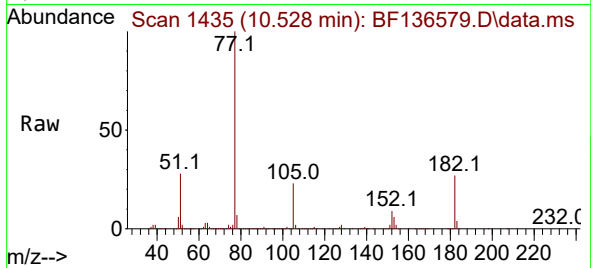
Tgt Ion:138 Resp: 131144
Ion Ratio Lower Upper
138 100
92 45.6 25.0 65.0
108 66.4 47.9 87.9



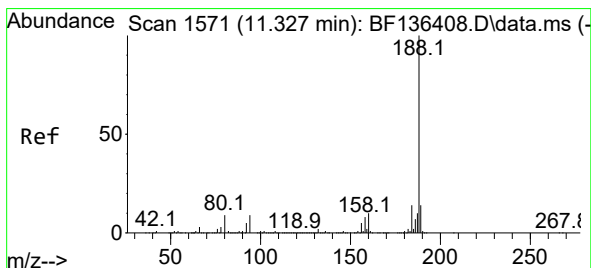
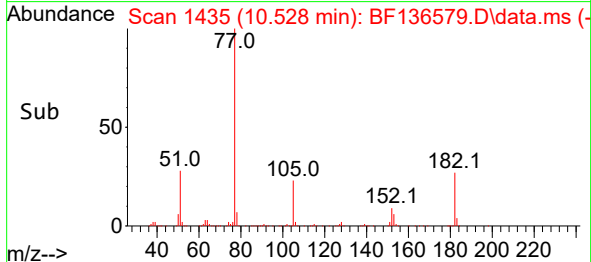
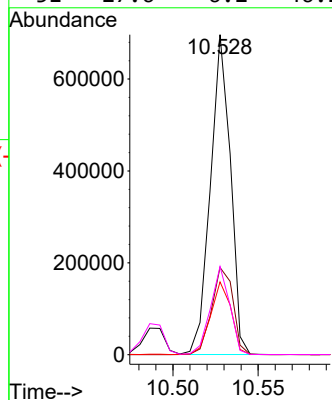


#63
Azobenzene
Concen: 41.844 ng
RT: 10.528 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :

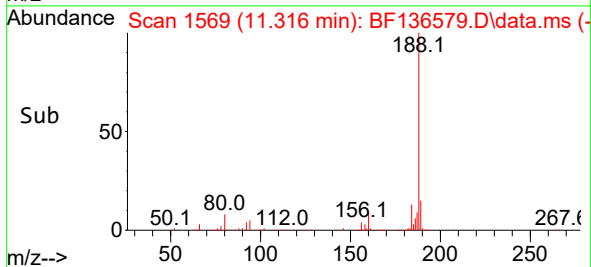
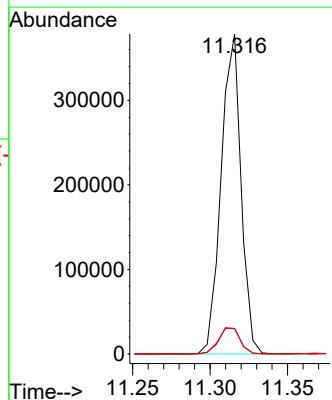
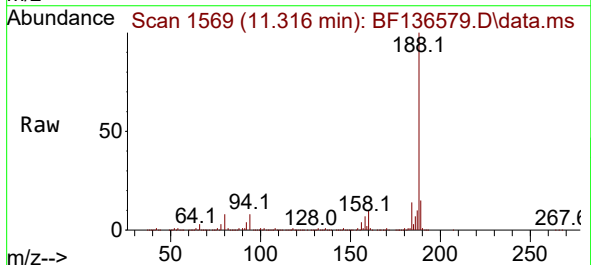


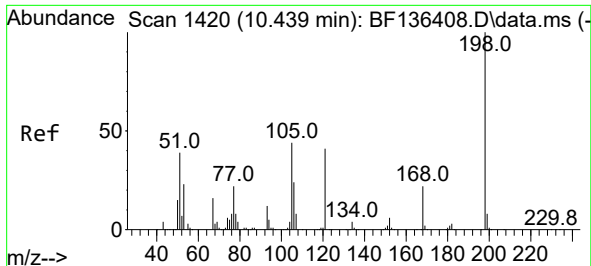
Tgt Ion: 77	Resp: 566708
Ion Ratio	Lower Upper
77 100	
182 27.2	10.8 50.8
105 22.8	2.6 42.6
51 27.6	6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Tgt Ion:188	Resp: 337799		
Ion Ratio	Lower	Upper	
188 100			
94 7.9	7.2	10.8	
80 8.0	7.2	10.8	

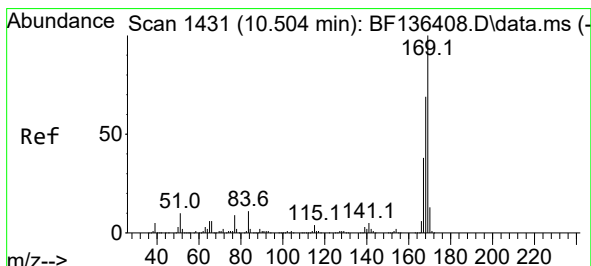
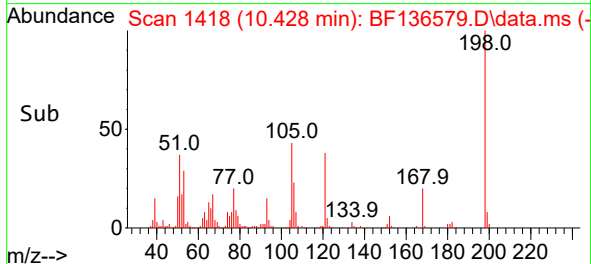
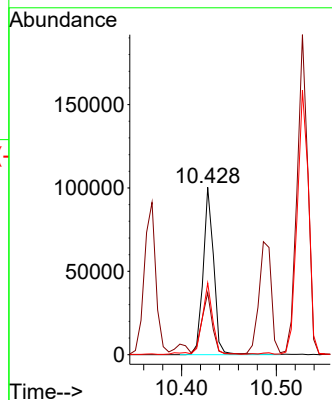
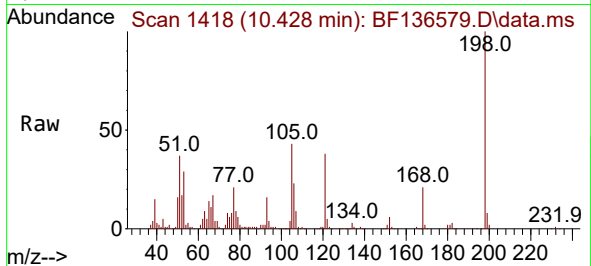




#65
4,6-Dinitro-2-methylphenol
Concen: 37.266 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

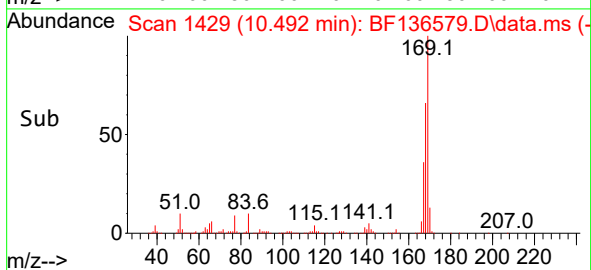
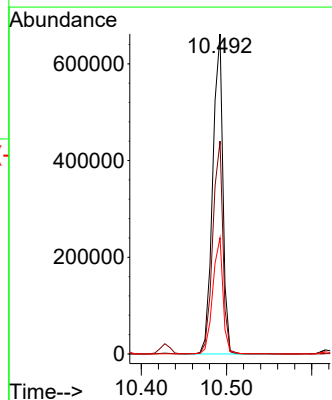
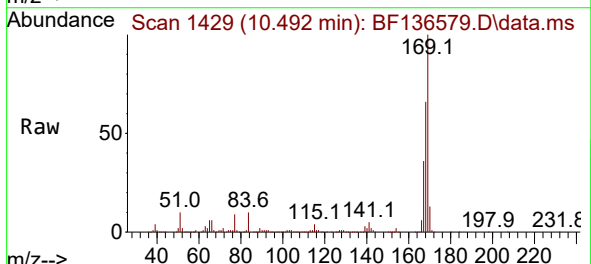
Instrument :
BNA_F
ClientSampleId :

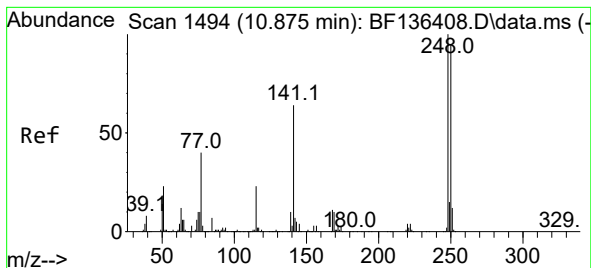
Tgt Ion:198 Resp: 77961
Ion Ratio Lower Upper
198 100
51 37.0 24.1 64.1
105 42.9 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 50.584 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Tgt Ion:169 Resp: 548295
Ion Ratio Lower Upper
169 100
168 66.5 55.3 82.9
167 36.3 30.1 45.1

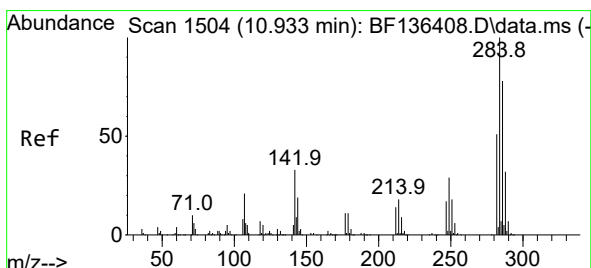
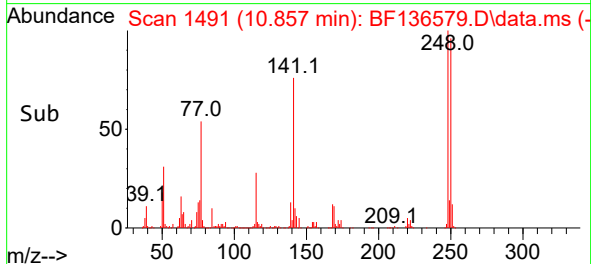
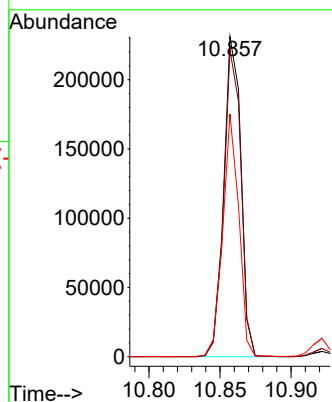
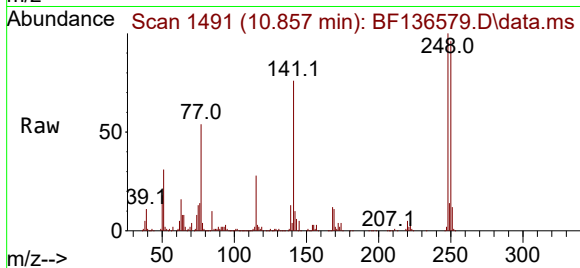




#67
4-Bromophenyl-phenylether
Concen: 49.366 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

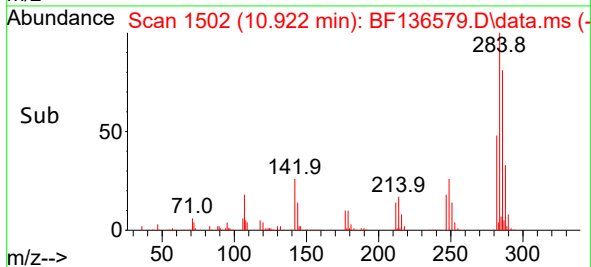
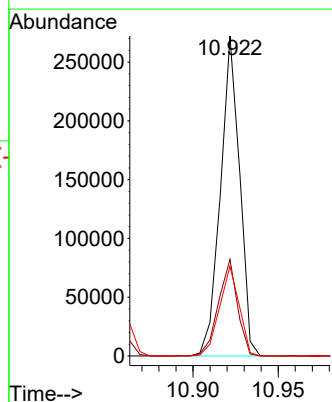
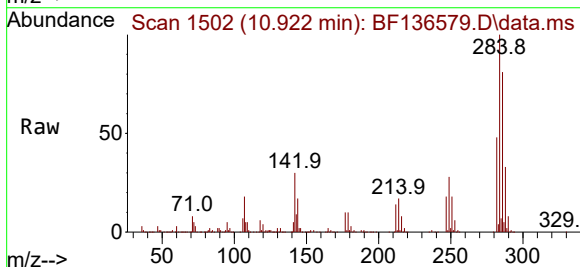
Instrument :
BNA_F
ClientSampleId :

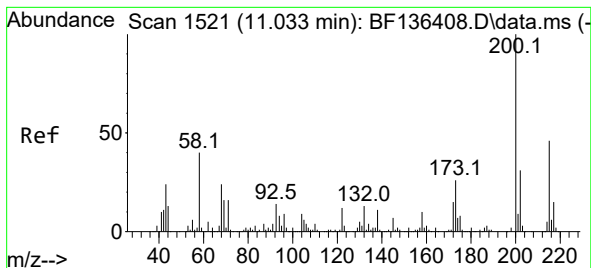
Tgt Ion:248 Resp: 193884
Ion Ratio Lower Upper
248 100
250 95.9 76.2 114.2
141 75.9 51.0 76.4



#68
Hexachlorobenzene
Concen: 46.906 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Tgt Ion:284 Resp: 212920
Ion Ratio Lower Upper
284 100
142 30.2 26.5 39.7
249 28.0 23.4 35.0





#69

Atrazine

Concen: 59.002 ng

RT: 11.022 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

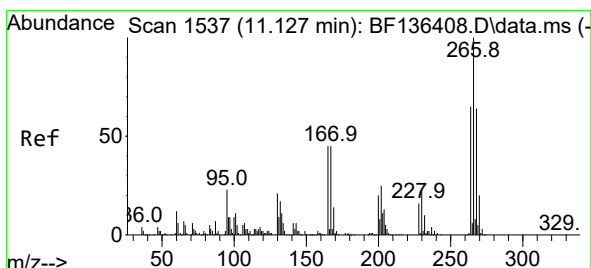
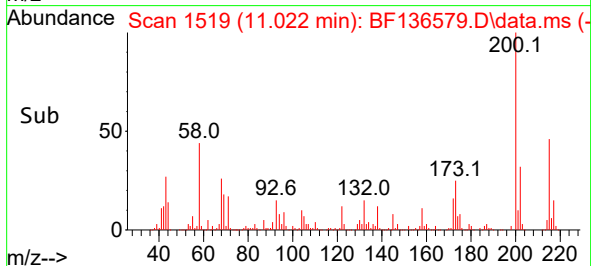
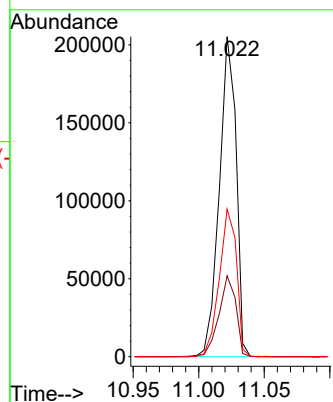
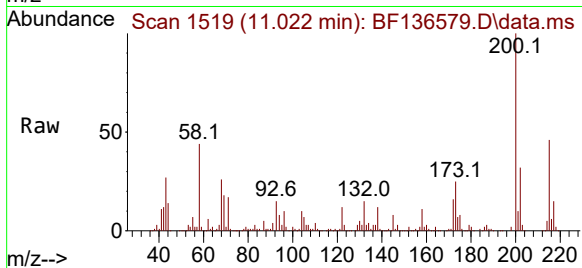
Tgt Ion:200 Resp: 182533

Ion Ratio Lower Upper

200 100

173 25.3 6.0 46.0

215 46.2 25.5 65.5



#70

Pentachlorophenol

Concen: 81.017 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

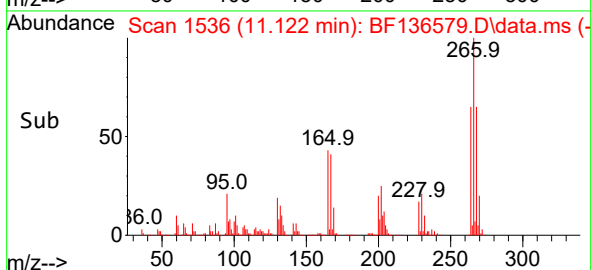
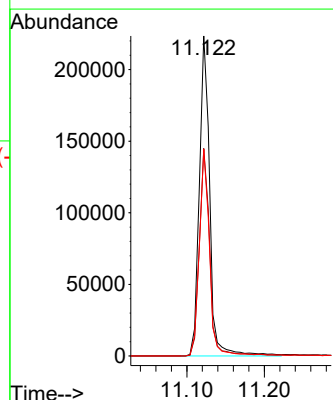
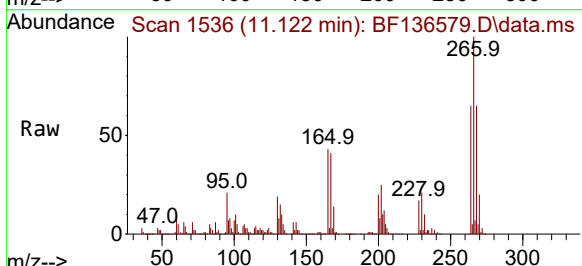
Tgt Ion:266 Resp: 207556

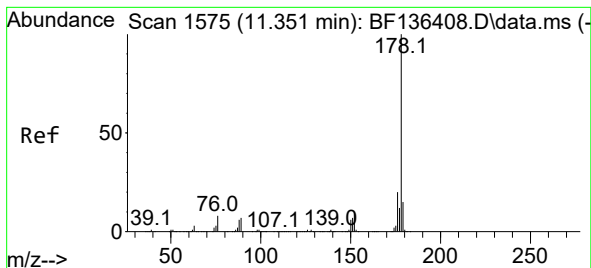
Ion Ratio Lower Upper

266 100

268 64.8 51.0 76.6

264 64.6 52.2 78.4





#71

Phenanthrene

Concen: 46.659 ng

RT: 11.339 min Scan# 1573

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

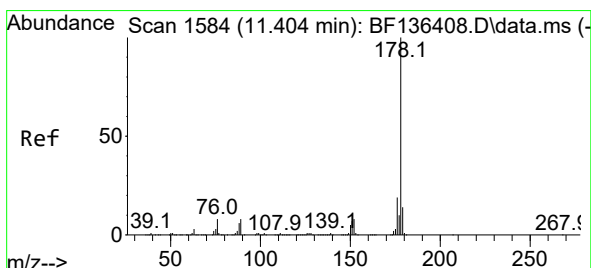
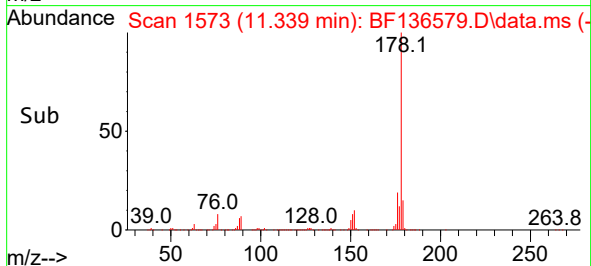
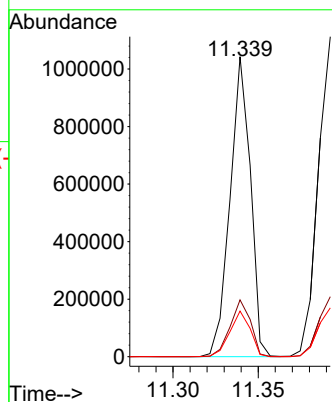
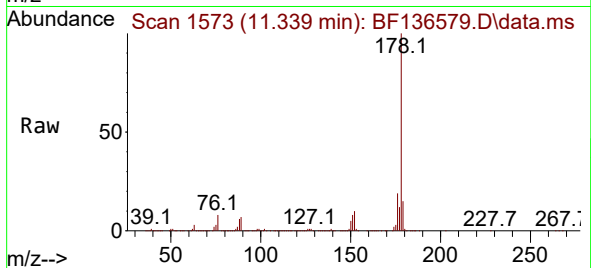
Tgt Ion:178 Resp: 866308

Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

179 15.2 11.8 17.6



#72

Anthracene

Concen: 47.336 ng

RT: 11.392 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

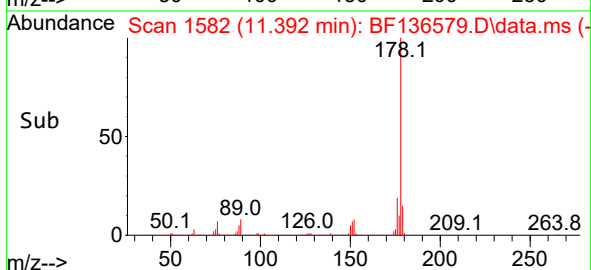
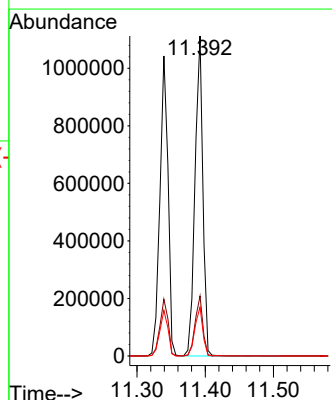
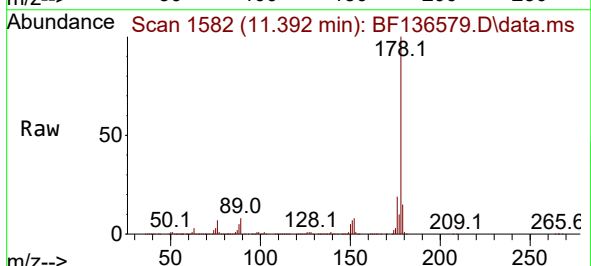
Tgt Ion:178 Resp: 885221

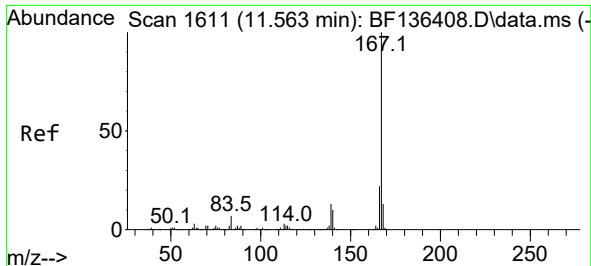
Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

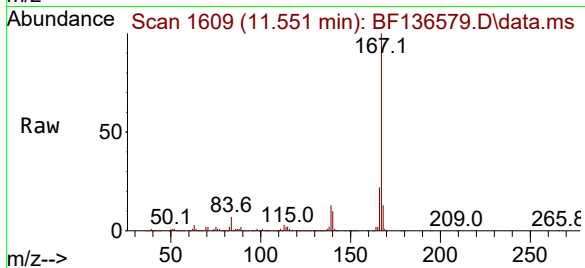
179 15.3 11.4 17.0



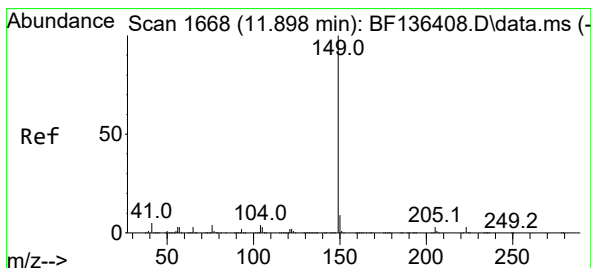
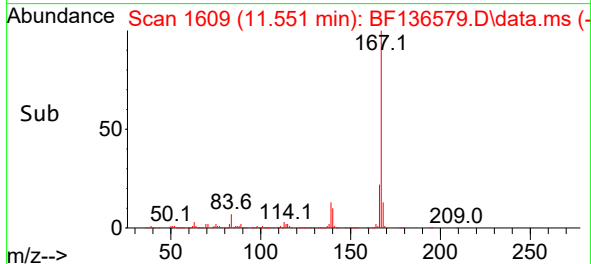
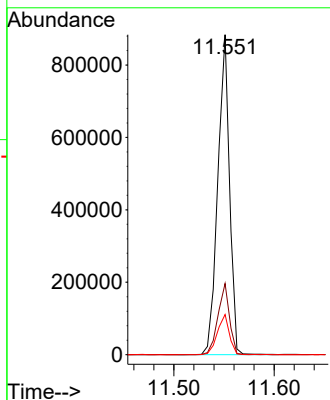


#73
Carbazole
Concen: 43.306 ng
RT: 11.551 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :

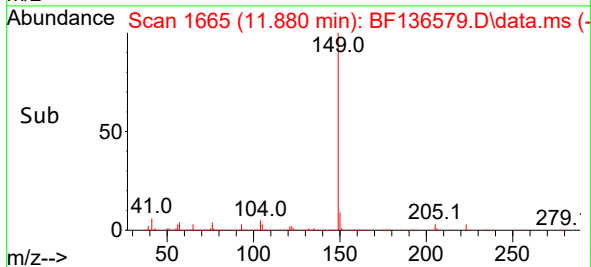
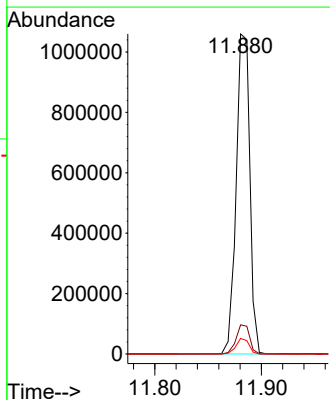
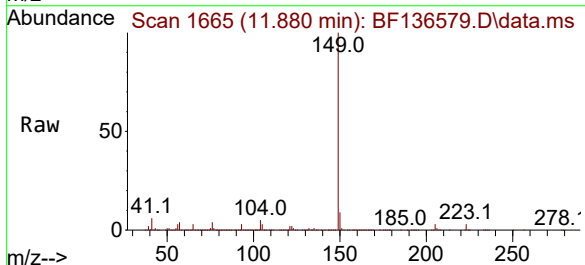


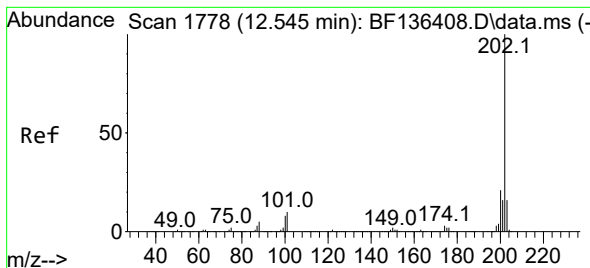
Tgt Ion:167 Resp: 716783
Ion Ratio Lower Upper
167 100
166 22.2 18.0 27.0
139 12.6 10.2 15.4



#74
Di-n-butylphthalate
Concen: 46.669 ng
RT: 11.880 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Tgt Ion:149 Resp: 946947
Ion Ratio Lower Upper
149 100
150 9.1 6.9 10.3
104 4.9 3.5 5.3





#75

Fluoranthene

Concen: 43.132 ng

RT: 12.533 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

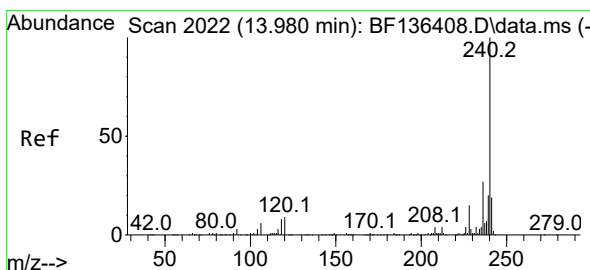
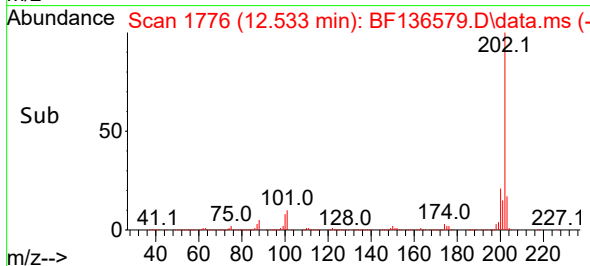
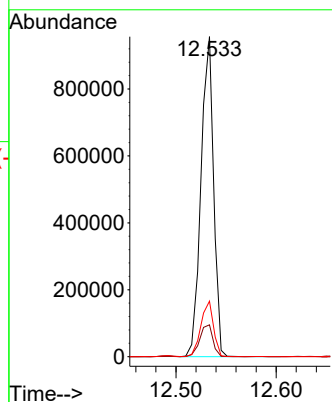
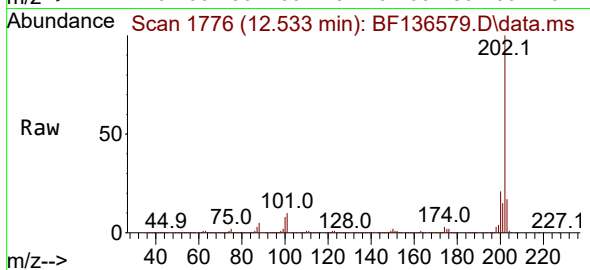
Tgt Ion:202 Resp: 839227

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.9

203 17.3 0.0 36.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

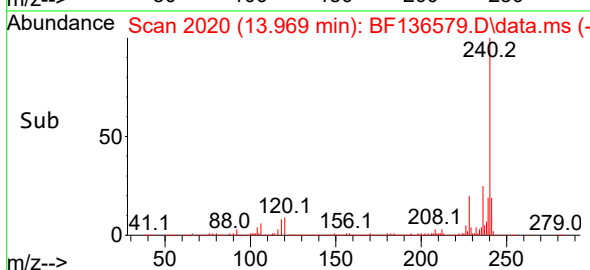
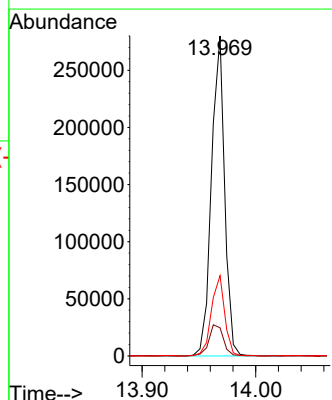
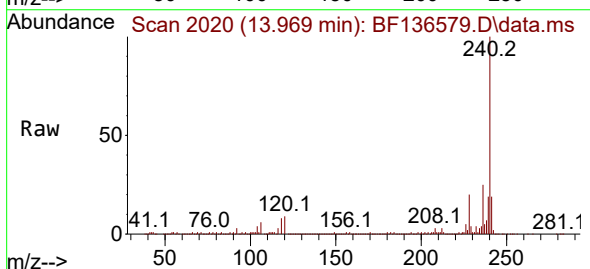
Tgt Ion:240 Resp: 224934

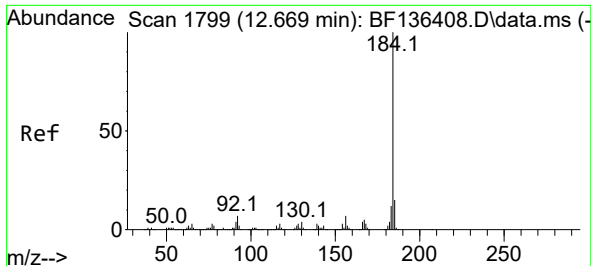
Ion Ratio Lower Upper

240 100

120 8.8 7.3 10.9

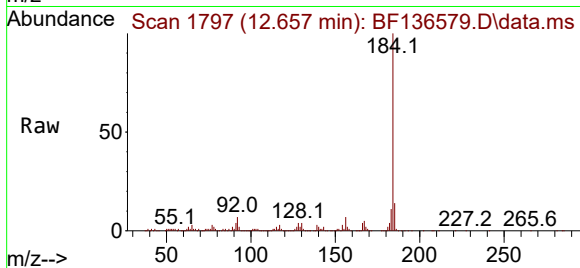
236 25.1 21.3 31.9



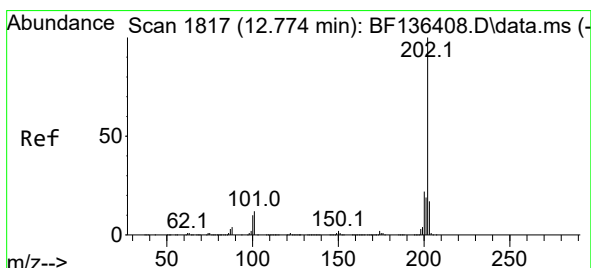
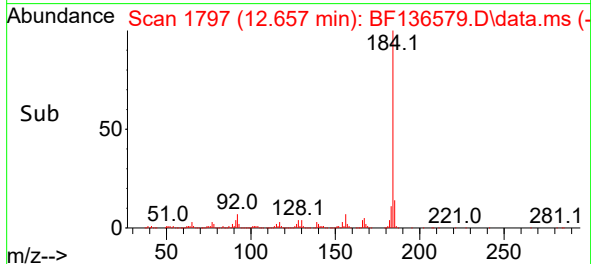
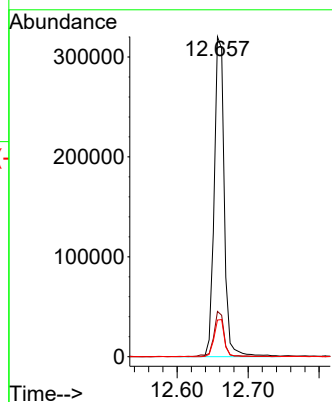


#77
Benzidine
Concen: 51.467 ng
RT: 12.657 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :

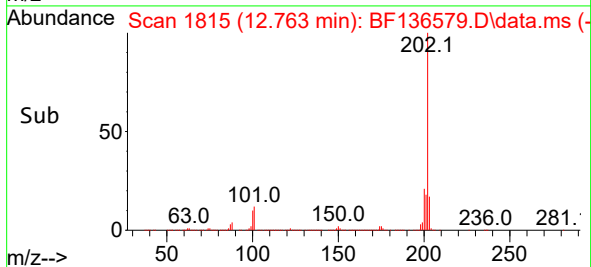
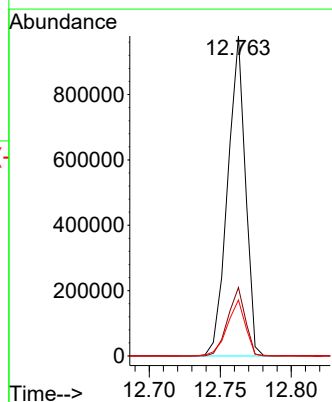
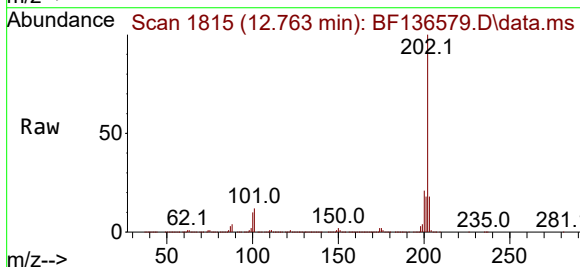


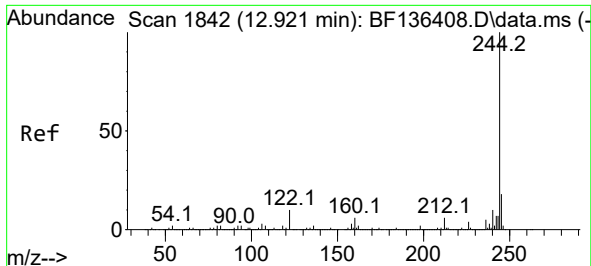
Tgt Ion:184 Resp: 315697
Ion Ratio Lower Upper
184 100
185 14.2 12.0 18.0
183 11.4 9.4 14.0



#78
Pyrene
Concen: 38.585 ng
RT: 12.763 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

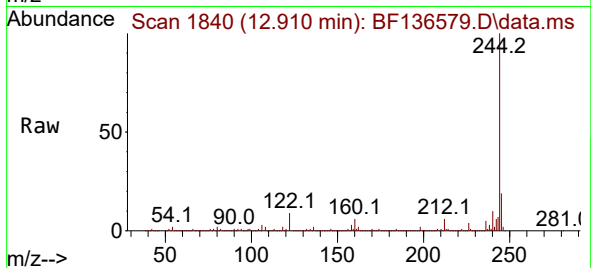
Tgt Ion:202 Resp: 849986
Ion Ratio Lower Upper
202 100
200 21.4 18.0 27.0
203 17.5 13.5 20.3



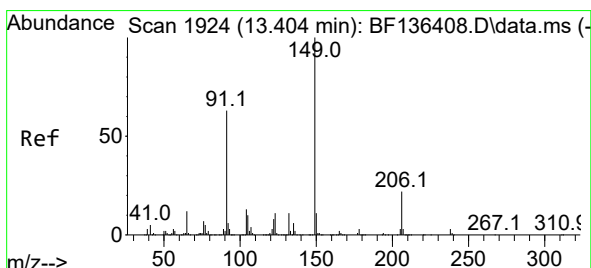
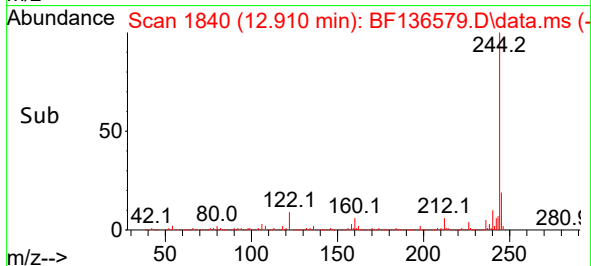
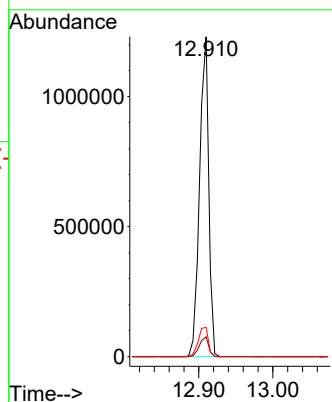


#79
 Terphenyl-d14
 Concen: 61.585 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF136579.D
 Acq: 14 Dec 2023 20:53

Instrument :
 BNA_F
 ClientSampleId :

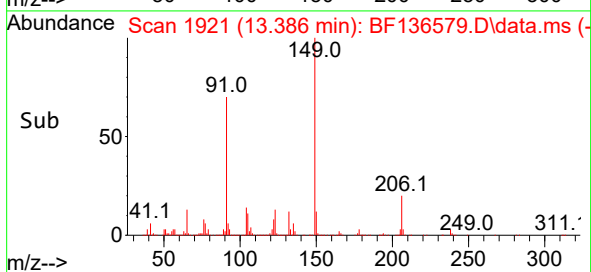
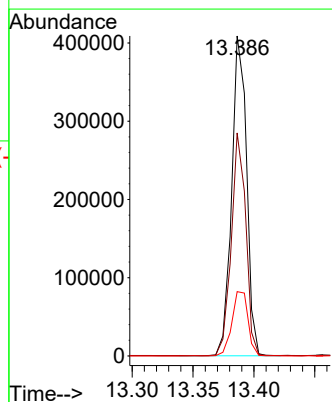
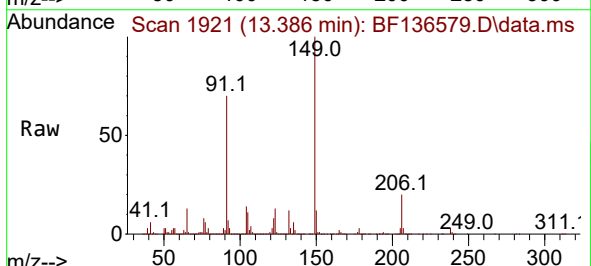


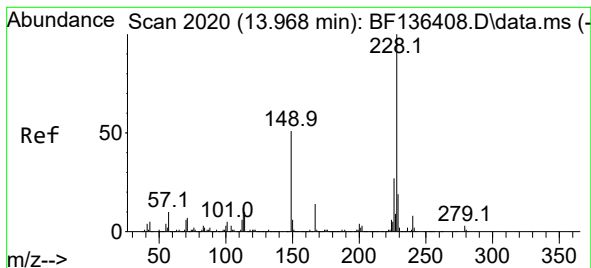
Tgt Ion:244 Resp: 1050996
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 9.1 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 44.335 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. 0.000 min
 Lab File: BF136579.D
 Acq: 14 Dec 2023 20:53

Tgt Ion:149 Resp: 347675
 Ion Ratio Lower Upper
 149 100
 91 69.7 50.5 75.7
 206 20.1 17.4 26.2





#81

Benzo(a)anthracene

Concen: 46.440 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

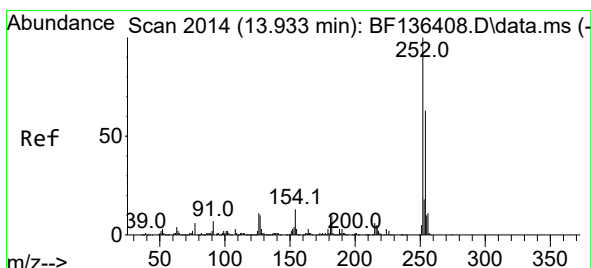
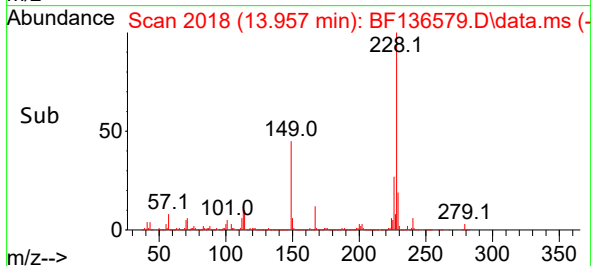
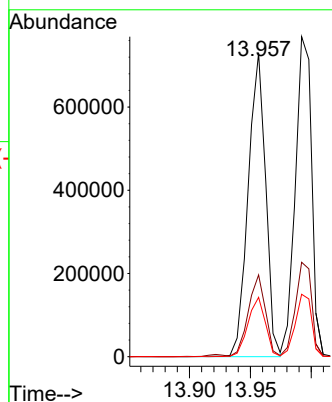
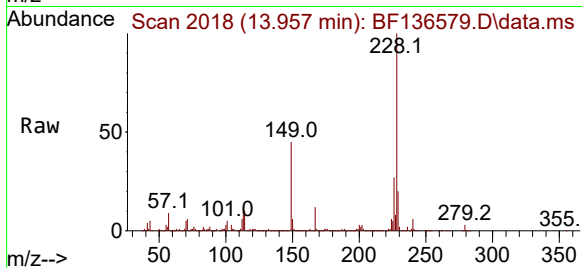
Tgt Ion:228 Resp: 727628

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

229 19.5 15.0 22.4



#82

3,3'-Dichlorobenzidine

Concen: 57.660 ng

RT: 13.922 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

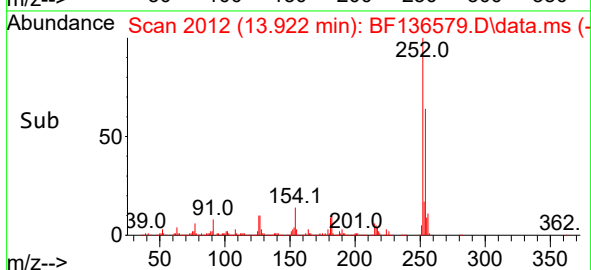
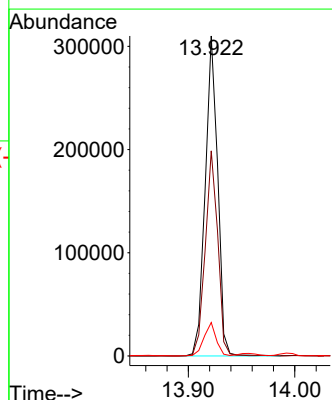
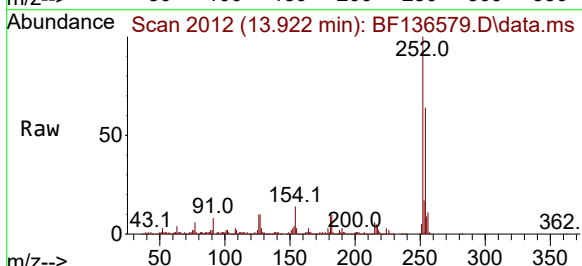
Tgt Ion:252 Resp: 253302

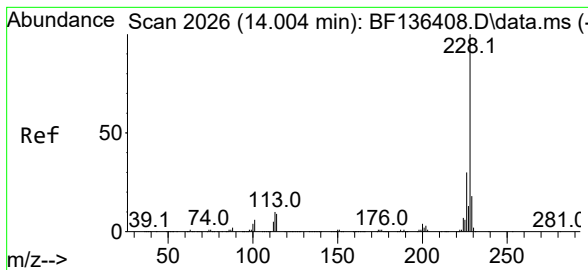
Ion Ratio Lower Upper

252 100

254 64.1 50.8 76.2

126 10.5 8.6 12.8





#83

Chrysene

Concen: 46.470 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

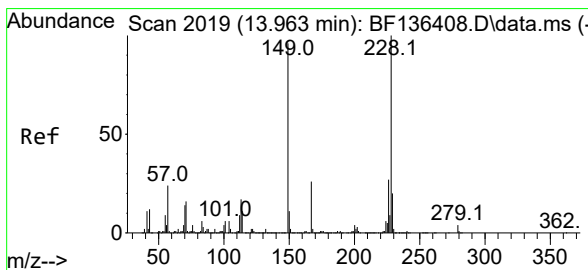
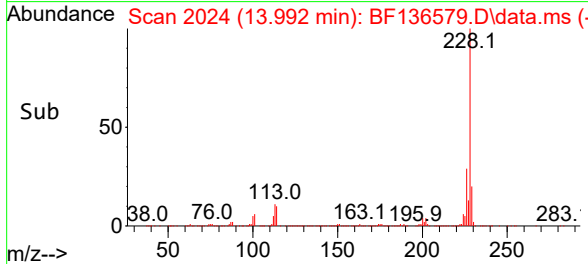
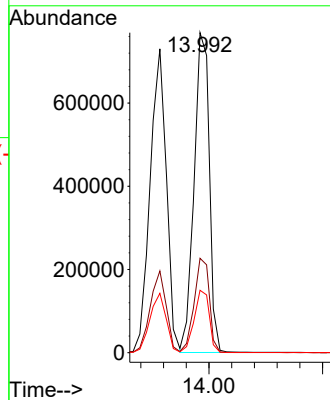
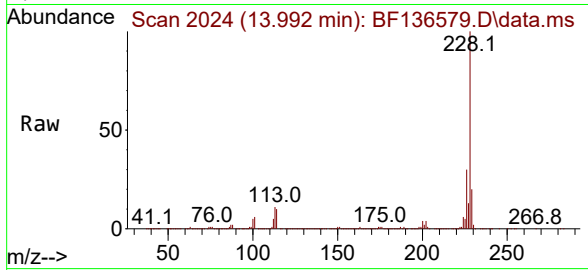
Tgt Ion:228 Resp: 716339

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.6

229 19.5 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.589 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

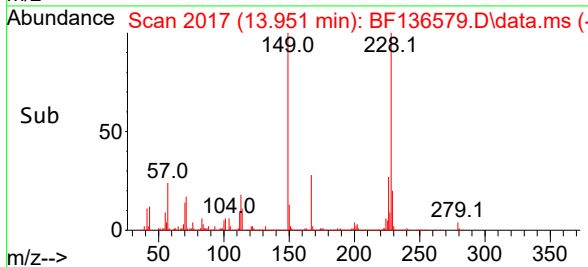
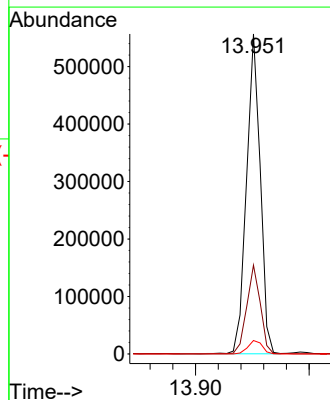
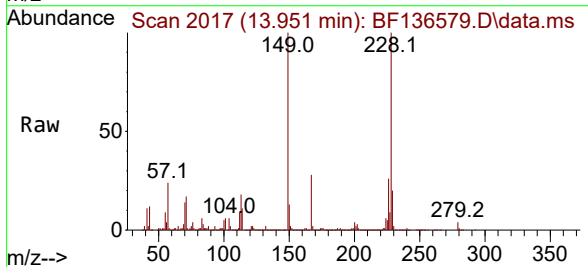
Tgt Ion:149 Resp: 467113

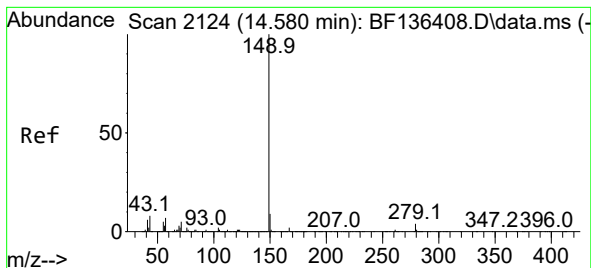
Ion Ratio Lower Upper

149 100

167 27.8 21.2 31.8

279 4.2 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 56.171 ng

RT: 14.569 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

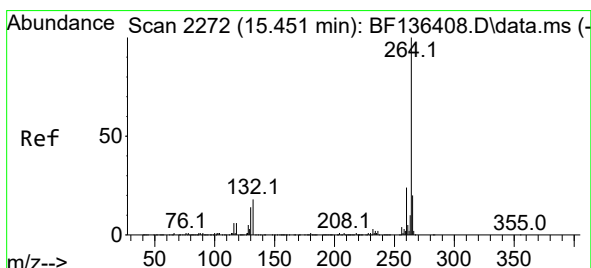
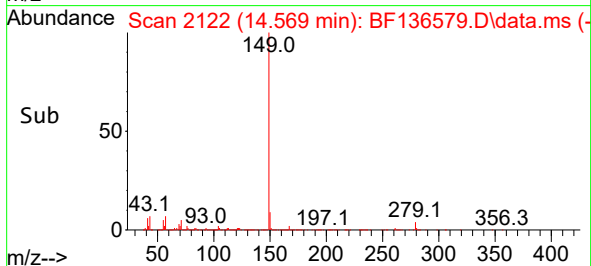
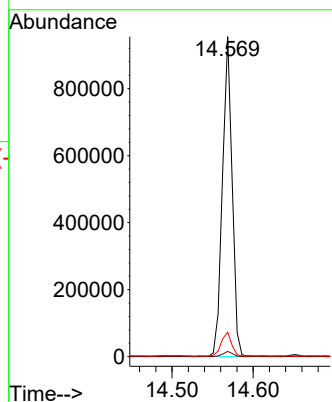
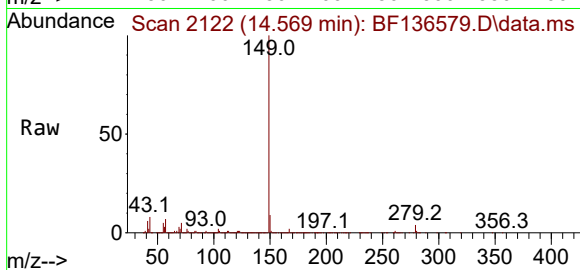
Tgt Ion:149 Resp: 797642

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.9 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

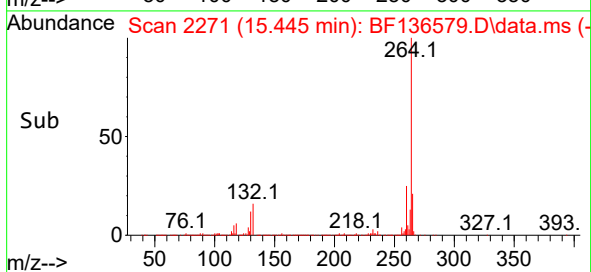
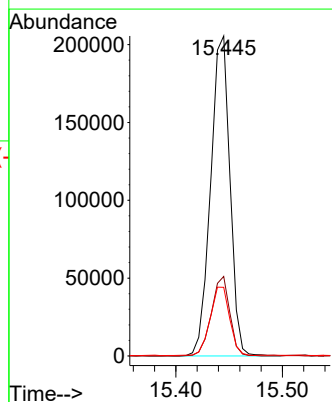
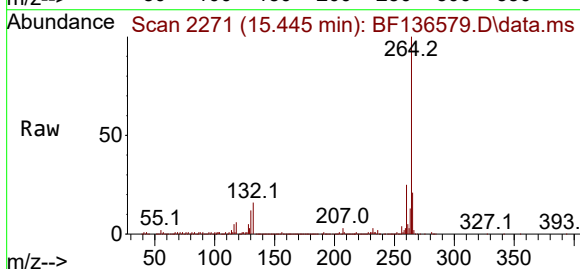
Tgt Ion:264 Resp: 259611

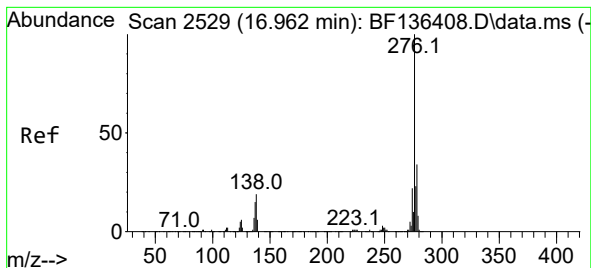
Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 21.5 15.9 23.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.659 ng

RT: 16.945 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

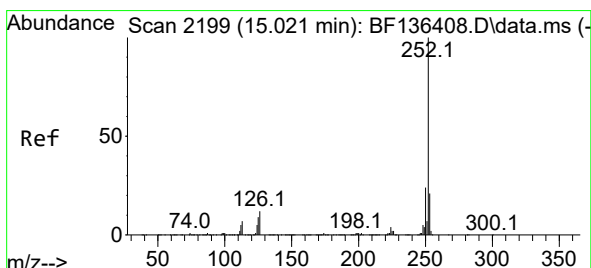
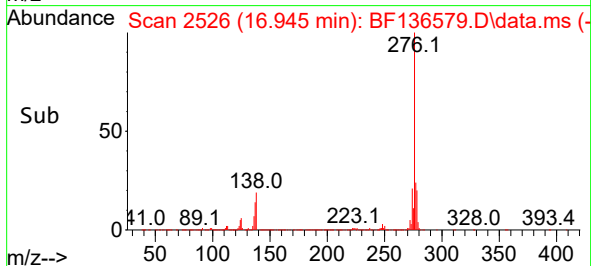
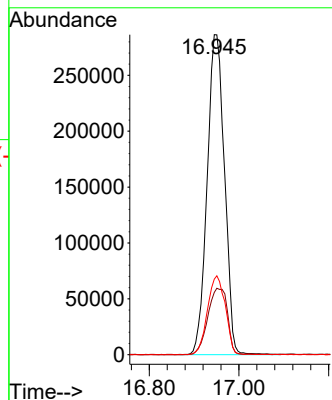
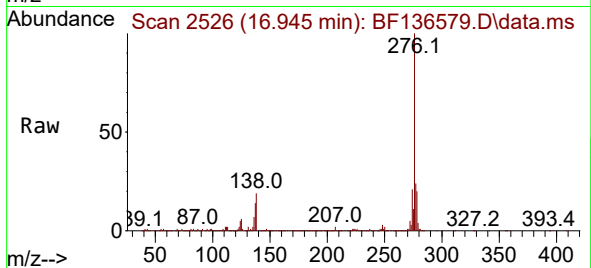
Tgt Ion:276 Resp: 769392

Ion Ratio Lower Upper

276 100

138 23.2 19.0 28.4

277 25.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 44.982 ng

RT: 15.010 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

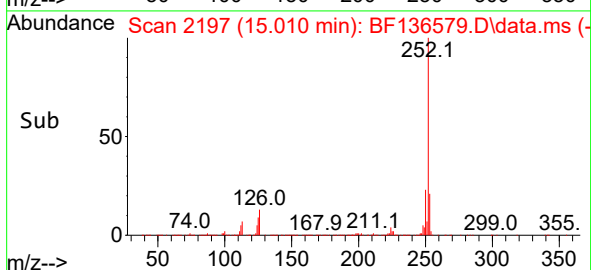
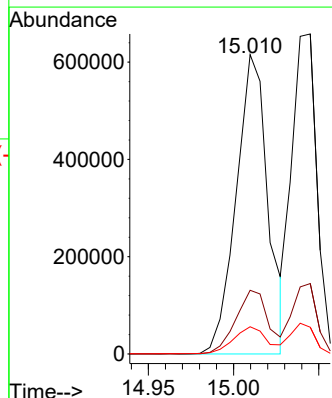
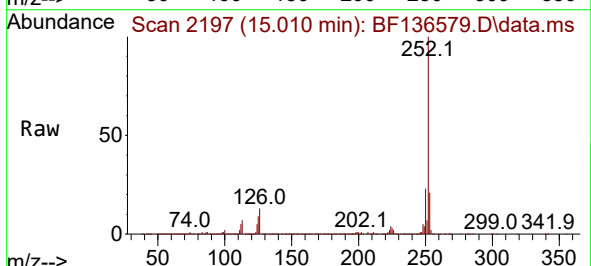
Tgt Ion:252 Resp: 798446

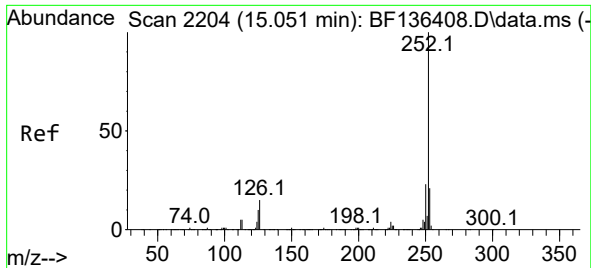
Ion Ratio Lower Upper

252 100

253 21.3 16.9 25.3

125 9.1 7.4 11.2

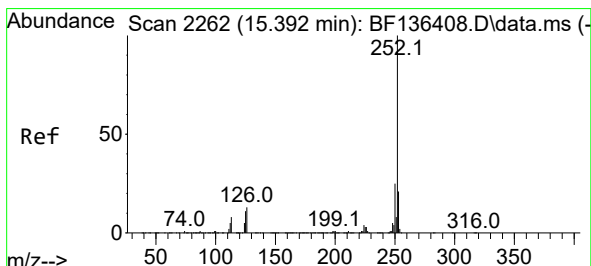
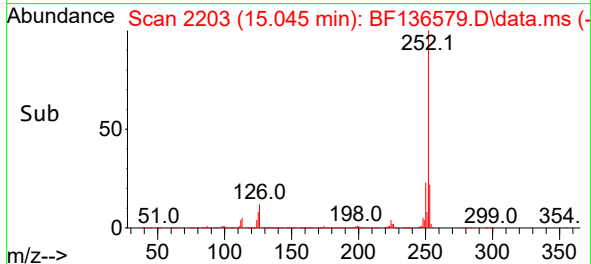
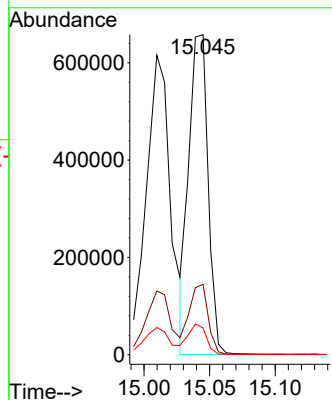
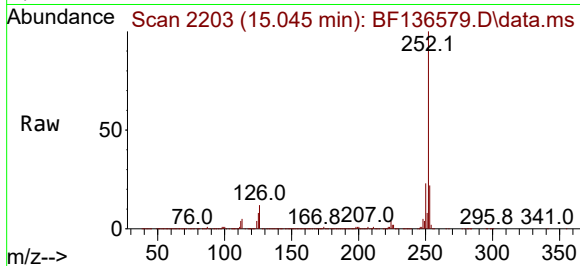




#89
Benzo(k)fluoranthene
Concen: 40.179 ng
RT: 15.045 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

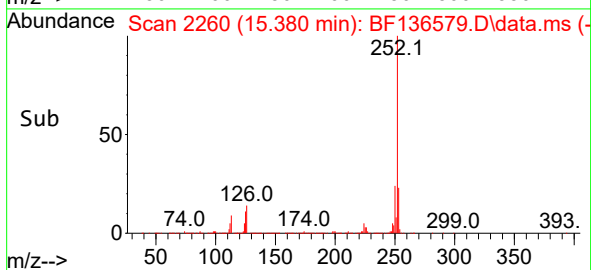
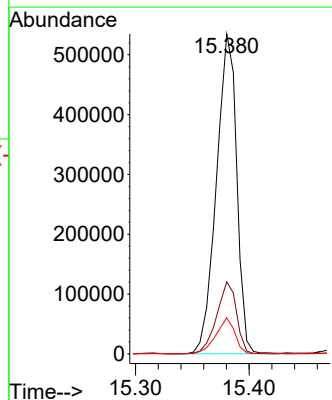
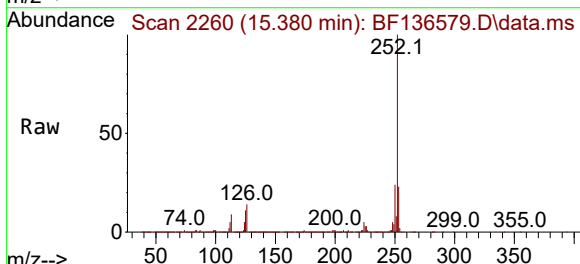
Instrument :
BNA_F
ClientSampleId :

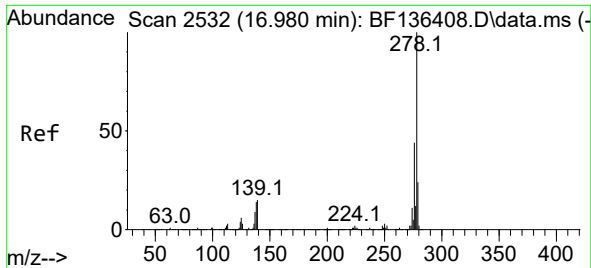
Tgt Ion:252 Resp: 672119
Ion Ratio Lower Upper
252 100
253 22.0 16.9 25.3
125 8.3 7.5 11.3



#90
Benzo(a)pyrene
Concen: 45.411 ng
RT: 15.380 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Tgt Ion:252 Resp: 665676
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.4
125 11.3 8.6 13.0

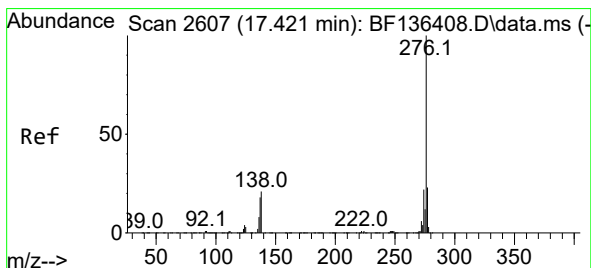
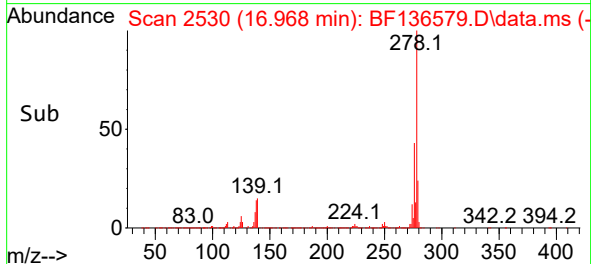
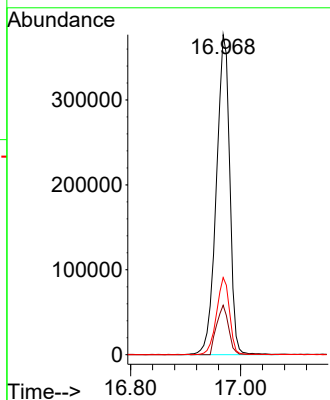
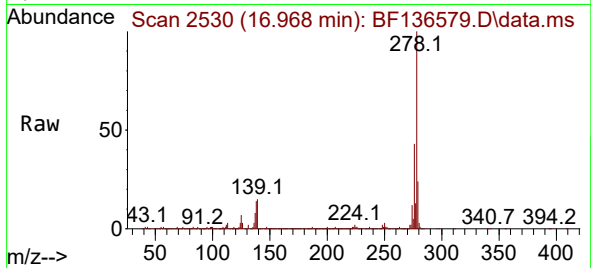




#91
Dibenzo(a,h)anthracene
Concen: 43.198 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 638274
Ion Ratio Lower Upper
278 100
139 15.4 12.2 18.4
279 24.1 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 37.925 ng
RT: 17.410 min Scan# 2605
Delta R.T. 0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Tgt Ion:276 Resp: 575163
Ion Ratio Lower Upper
276 100
277 23.4 18.7 28.1
138 19.7 16.6 25.0

