

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
 Data File : BF136603.D
 Acq On : 15 Dec 2023 20:38
 Operator : CG\JU
 Sample : 05803-01MS 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 600572408-MS

Quant Time: Dec 16 02:06:28 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	90490	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	327398	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	142120	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	256969	20.000	ng	0.00
76) Chrysene-d12	13.969	240	203549	20.000	ng	0.00
86) Perylene-d12	15.445	264	153125	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	266943	43.566	ng	0.00
7) Phenol-d6	6.428	99	308799	40.393	ng	0.00
23) Nitrobenzene-d5	7.345	82	177986	29.389	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	73768	42.097	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	326380	31.336	ng	0.00
79) Terphenyl-d14	12.904	244	366674	23.743	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	46515	19.193	ng	96
3) Pyridine	3.316	79	106733	18.186	ng	93
4) n-Nitrosodimethylamine	3.263	42	47887	18.780	ng	89
6) Aniline	6.451	93	95624	12.377	ng	# 86
8) 2-Chlorophenol	6.575	128	128558	19.219	ng	98
9) Benzaldehyde	6.340	77	39372	7.734	ng	93
10) Phenol	6.446	94	150940	18.555	ng	97
11) bis(2-Chloroethyl)ether	6.522	93	116778	19.259	ng	100
12) 1,3-Dichlorobenzene	6.728	146	140811	18.718	ng	97
13) 1,4-Dichlorobenzene	6.804	146	143365	18.787	ng	100
14) 1,2-Dichlorobenzene	6.957	146	133816	18.648	ng	100
15) Benzyl Alcohol	6.928	79	93490	18.263	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	140967	18.076	ng	96
17) 2-Methylphenol	7.045	107	95906	17.747	ng	98
18) Hexachloroethane	7.293	117	45078	16.919	ng	95
19) n-Nitroso-di-n-propyla...	7.193	70	80593	18.275	ng	99
20) 3+4-Methylphenols	7.198	107	120295	17.933	ng	# 86
22) Acetophenone	7.193	105	173904	21.510	ng	94
24) Nitrobenzene	7.363	77	115566	18.969	ng	97
25) Isophorone	7.604	82	207146	19.038	ng	95
26) 2-Nitrophenol	7.681	139	58262	19.452	ng	94
27) 2,4-Dimethylphenol	7.722	122	89400	24.207	ng	100
28) bis(2-Chloroethoxy)met...	7.816	93	133818	20.015	ng	96
29) 2,4-Dichlorophenol	7.928	162	91513	18.773	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	111287	19.578	ng	99
31) Naphthalene	8.087	128	342302	18.959	ng	99
32) Benzoic acid	7.816	122	49711	13.569	ng	95
33) 4-Chloroaniline	8.140	127	71642	11.130	ng	98
34) Hexachlorobutadiene	8.204	225	63793	18.937	ng	98
35) Caprolactam	8.487	113	26906	17.923	ng	94
36) 4-Chloro-3-methylphenol	8.628	107	88418	17.083	ng	97
37) 2-Methylnaphthalene	8.781	142	209088	18.203	ng	93
38) 1-Methylnaphthalene	8.875	142	196253	17.412	ng	97
40) 1,2,4,5-Tetrachloroben...	8.945	216	98893	22.366	ng	98
41) Hexachlorocyclopentadiene	8.928	237	11021	6.728	ng	100
43) 2,4,6-Trichlorophenol	9.057	196	57943	20.126	ng	98

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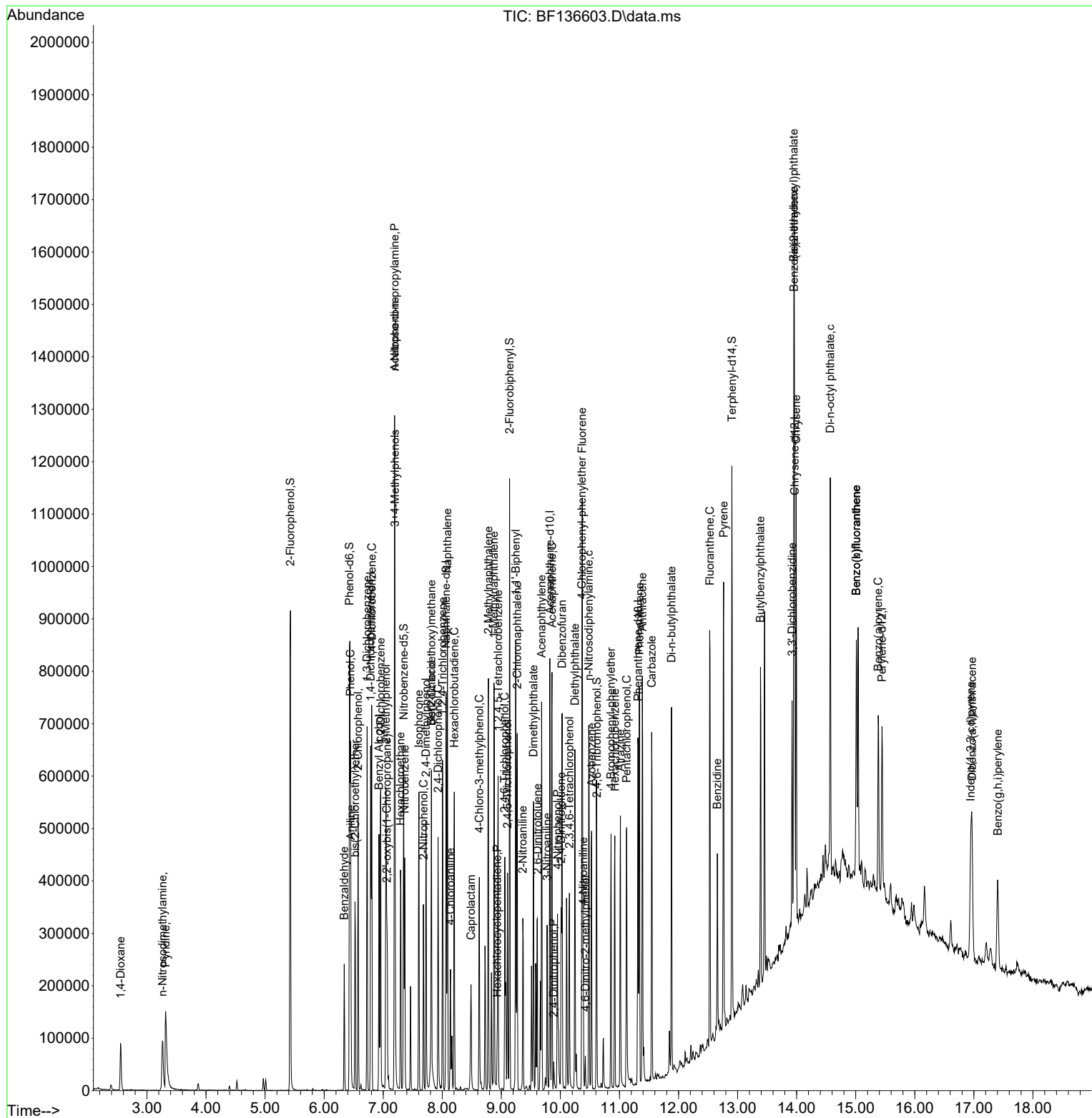
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	59769	18.601	ng	# 94
46) 1,1'-Biphenyl	9.245	154	266301	22.021	ng	96
47) 2-Chloronaphthalene	9.269	162	187592	19.931	ng	98
48) 2-Nitroaniline	9.363	65	49864	19.753	ng	97
49) Acenaphthylene	9.681	152	286268	21.351	ng	98
50) Dimethylphthalate	9.545	163	221978	21.215	ng	99
51) 2,6-Dinitrotoluene	9.610	165	45615	19.378	ng	90
52) Acenaphthene	9.857	154	169366	19.712	ng	95
53) 3-Nitroaniline	9.775	138	40186	16.718	ng	90
54) 2,4-Dinitrophenol	9.886	184	7467	6.274	ng	91
55) Dibenzofuran	10.028	168	252522	20.118	ng	99
56) 4-Nitrophenol	9.951	139	67238	37.313	ng	88
57) 2,4-Dinitrotoluene	10.010	165	55460	17.810	ng	90
58) Fluorene	10.369	166	197645	19.616	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	47043	18.277	ng	99
60) Diethylphthalate	10.245	149	202475	19.679	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	98609	20.076	ng	96
62) 4-Nitroaniline	10.386	138	42357	17.746	ng	96
63) Azobenzene	10.528	77	170638	18.221	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	8030	5.046	ng	93
66) n-Nitrosodiphenylamine	10.481	169	169074	20.505	ng	97
67) 4-Bromophenyl-phenylether	10.857	248	57190	19.142	ng	94
68) Hexachlorobenzene	10.922	284	64158	18.580	ng	# 92
69) Atrazine	11.016	200	59223	25.165	ng	98
70) Pentachlorophenol	11.122	266	65495	33.607	ng	97
71) Phenanthrene	11.339	178	291699	20.652	ng	99
72) Anthracene	11.386	178	295594	20.778	ng	98
73) Carbazole	11.545	167	262015	20.809	ng	99
74) Di-n-butylphthalate	11.880	149	312705	20.259	ng	100
75) Fluoranthene	12.527	202	333392	22.524	ng	98
77) Benzidine	12.657	184	130310	32.233	ng	98
78) Pyrene	12.763	202	347608	17.437	ng	98
80) Butylbenzylphthalate	13.386	149	140894	19.854	ng	94
81) Benzo(a)anthracene	13.957	228	290410	20.482	ng	98
82) 3,3'-Dichlorobenzidine	13.922	252	88680	22.307	ng	99
83) Chrysene	13.992	228	271407	19.456	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	195792	22.506	ng	99
85) Di-n-octyl phthalate	14.569	149	329143	25.614	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.945	276	186336	17.516	ng	99
88) Benzo(b)fluoranthene	15.010	252	220882	21.098	ng	96
89) Benzo(k)fluoranthene	15.010	252	220882	22.387	ng	96
90) Benzo(a)pyrene	15.380	252	168947	19.540	ng	# 97
91) Dibenzo(a,h)anthracene	16.968	278	157408	18.062	ng	99
92) Benzo(g,h,i)perylene	17.404	276	145778	16.297	ng	99

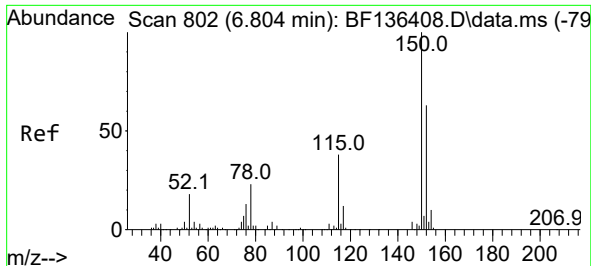
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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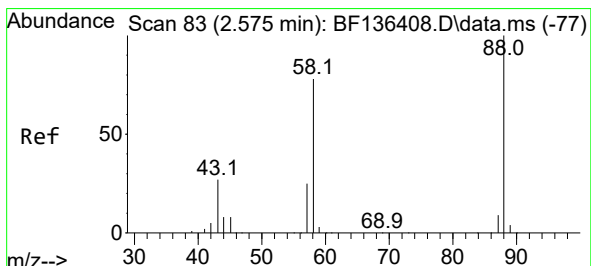
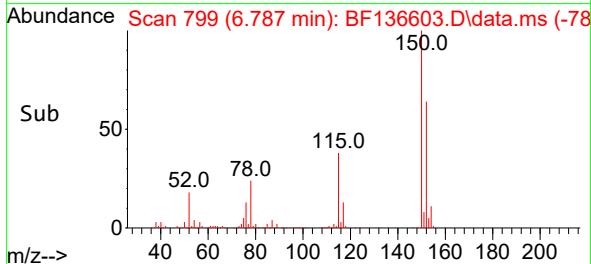
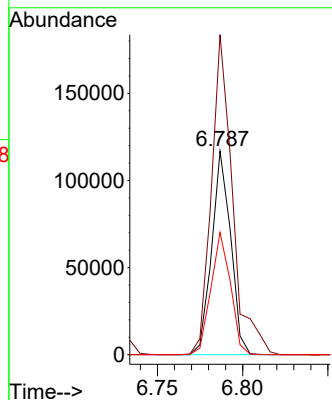
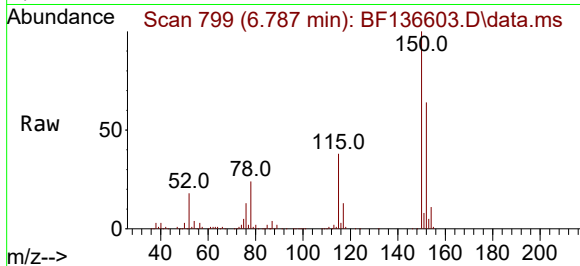




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF136603.D
 Acq: 15 Dec 2023 20:38

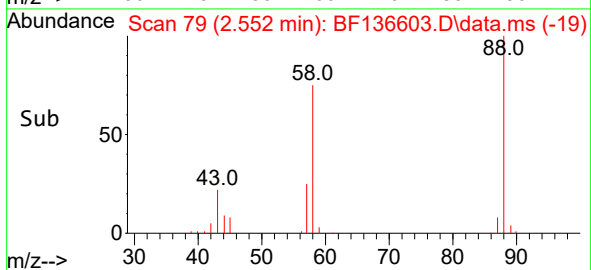
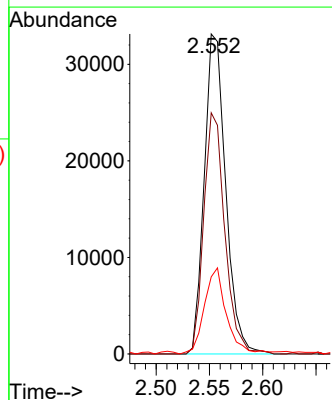
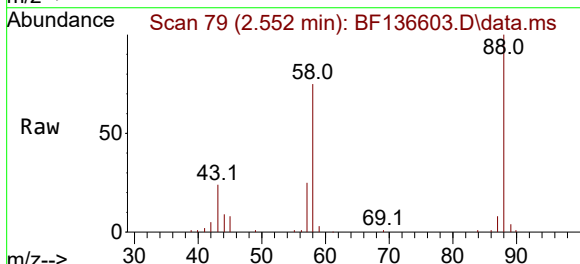
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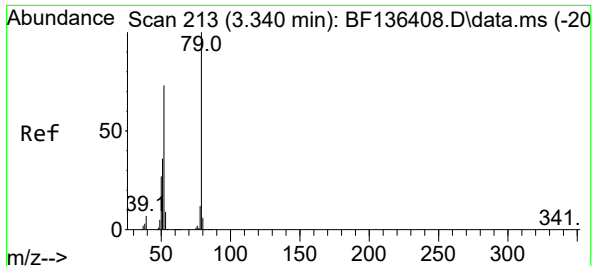
Tgt Ion:152 Resp: 90490
 Ion Ratio Lower Upper
 152 100
 150 157.2 126.4 189.6
 115 60.1 48.2 72.4



#2
 1,4-Dioxane
 Concen: 19.193 ng
 RT: 2.552 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF136603.D
 Acq: 15 Dec 2023 20:38

Tgt Ion: 88 Resp: 46515
 Ion Ratio Lower Upper
 88 100
 58 73.9 62.2 93.2
 43 27.6 21.5 32.3

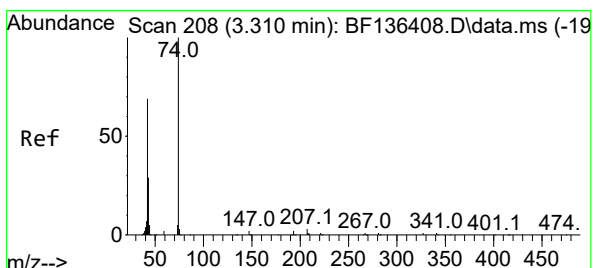
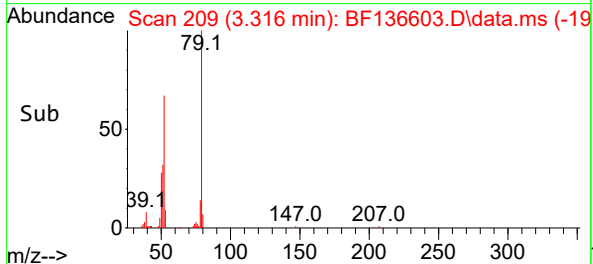
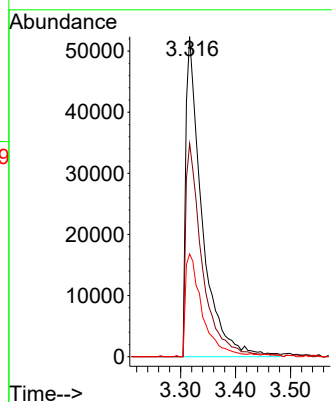
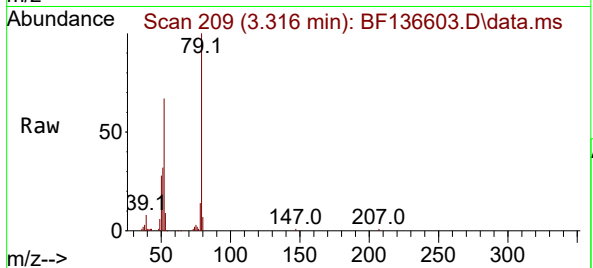




#3
 Pyridine
 Concen: 18.186 ng
 RT: 3.316 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: BF136603.D
 Acq: 15 Dec 2023 20:38

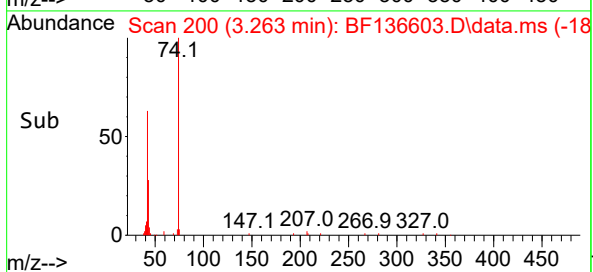
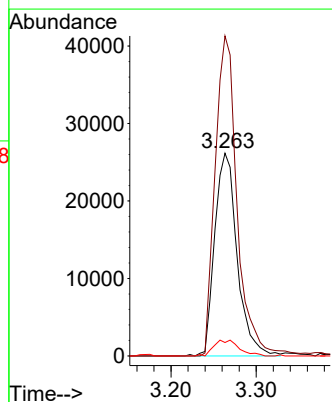
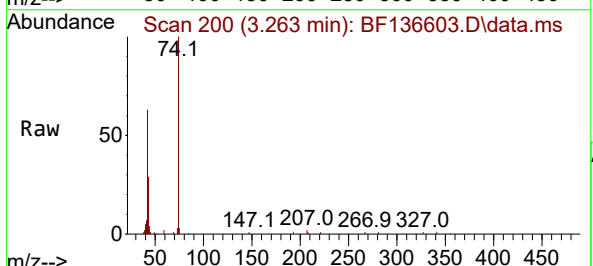
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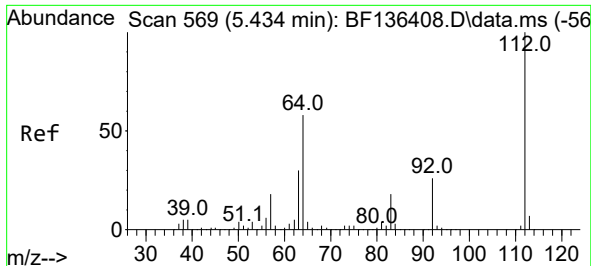
Tgt Ion: 79 Resp: 106733
 Ion Ratio Lower Upper
 79 100
 52 66.6 58.2 87.2
 51 32.1 29.1 43.7



#4
 n-Nitrosodimethylamine
 Concen: 18.780 ng
 RT: 3.263 min Scan# 200
 Delta R.T. -0.023 min
 Lab File: BF136603.D
 Acq: 15 Dec 2023 20:38

Tgt Ion: 42 Resp: 47887
 Ion Ratio Lower Upper
 42 100
 74 157.9 115.4 173.0
 44 6.6 6.2 9.2

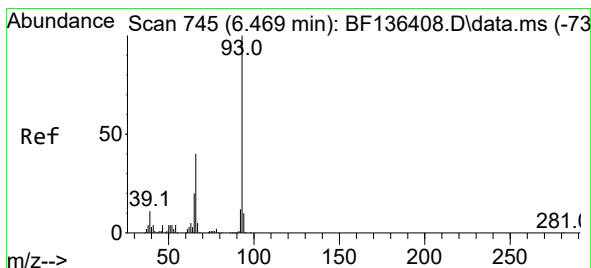
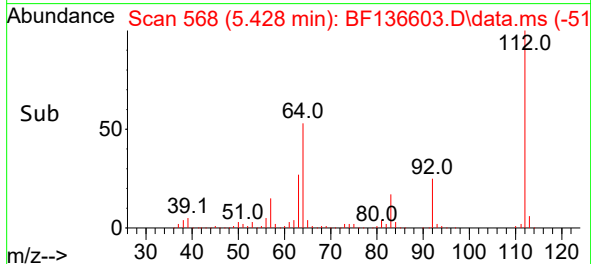
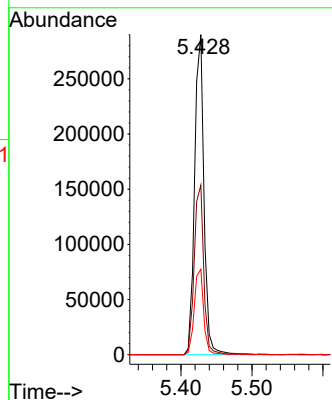
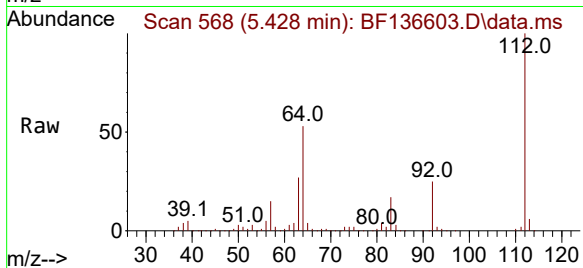




#5
2-Fluorophenol
Concen: 43.566 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

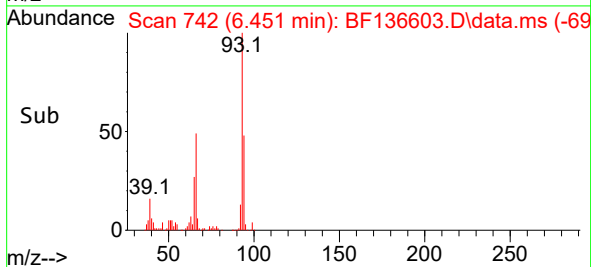
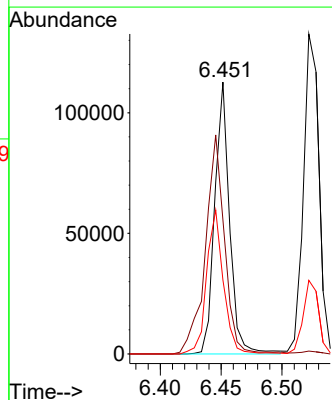
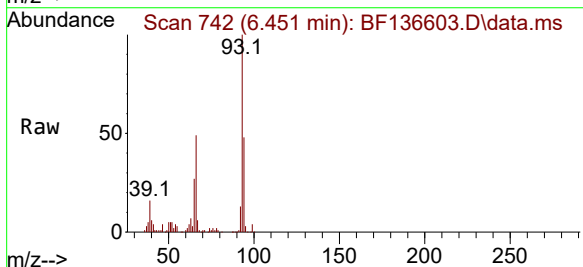
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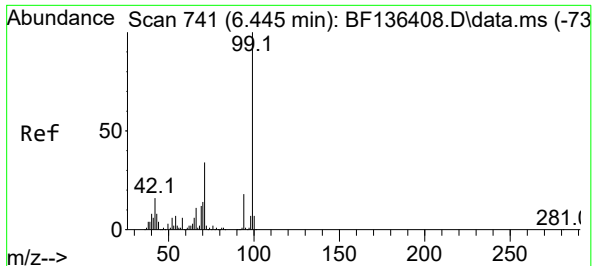
Tgt Ion:112 Resp: 266943
Ion Ratio Lower Upper
112 100
64 53.0 46.5 69.7
63 26.7 23.9 35.9



#6
Aniline
Concen: 12.377 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion: 93 Resp: 95624
Ion Ratio Lower Upper
93 100
66 49.4 32.5 48.7#
65 27.2 16.4 24.6#

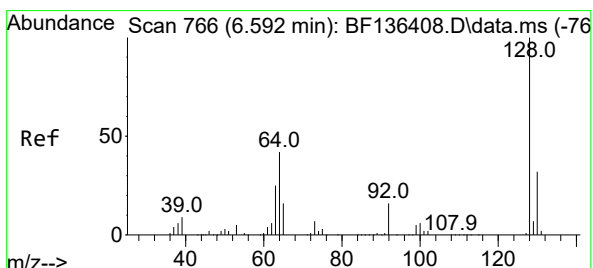
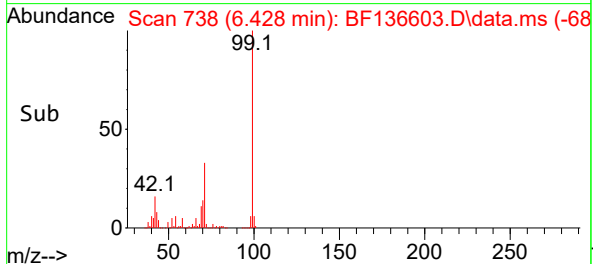
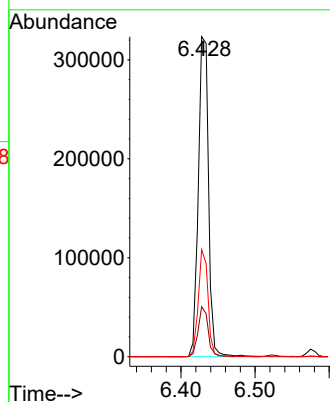
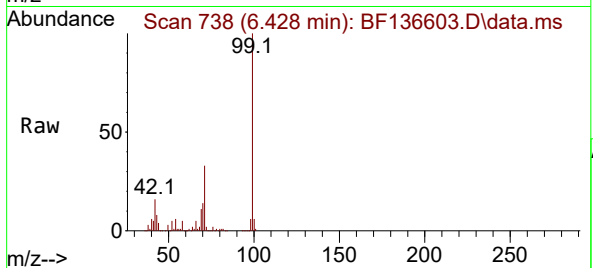




#7
Phenol-d6
Concen: 40.393 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

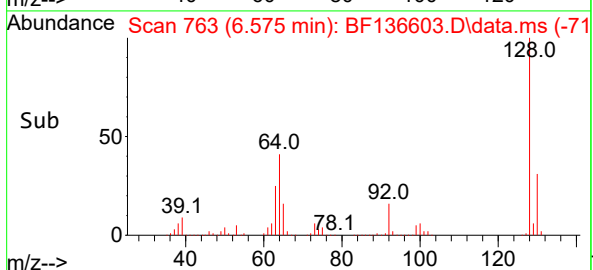
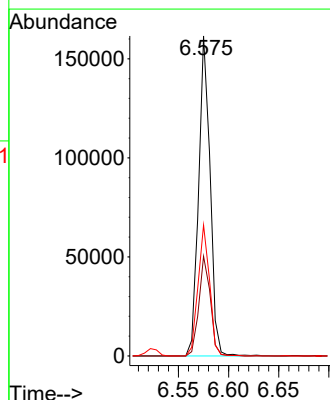
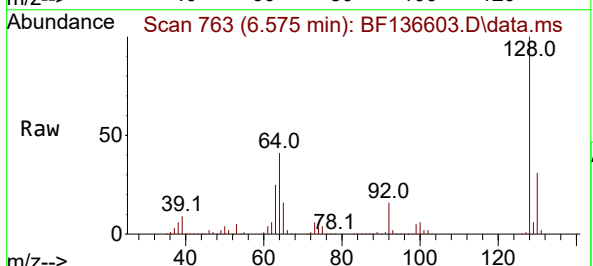
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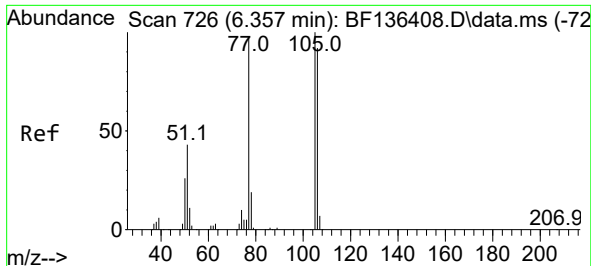
Tgt Ion: 99 Resp: 308799
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 33.5 27.0 40.4



#8
2-Chlorophenol
Concen: 19.219 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion: 128 Resp: 128558
Ion Ratio Lower Upper
128 100
130 31.1 11.7 51.7
64 40.9 22.5 62.5

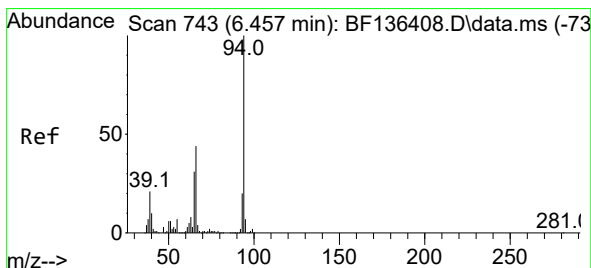
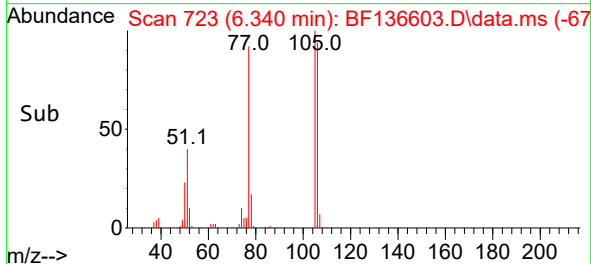
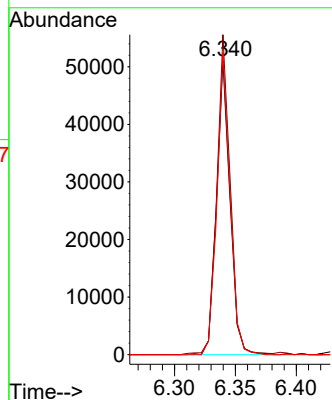
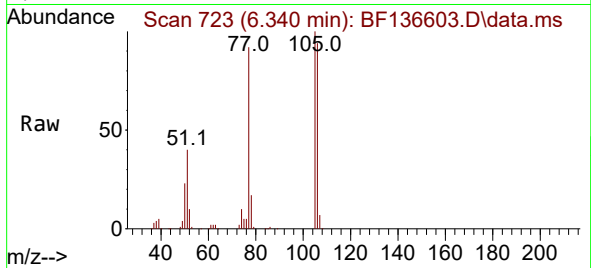




#9
Benzaldehyde
Concen: 7.734 ng
RT: 6.340 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF136603.D
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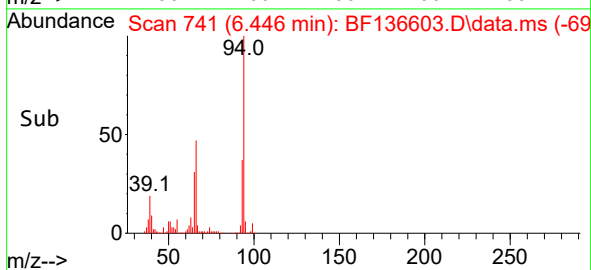
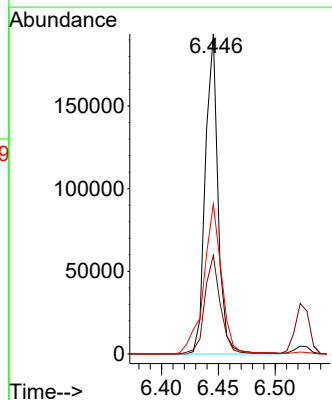
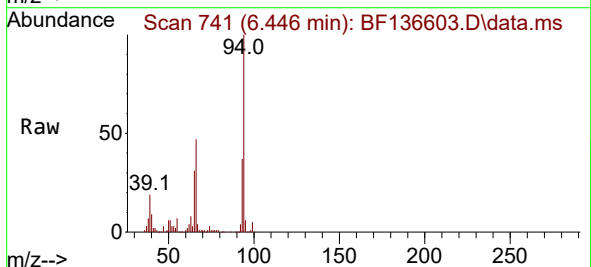
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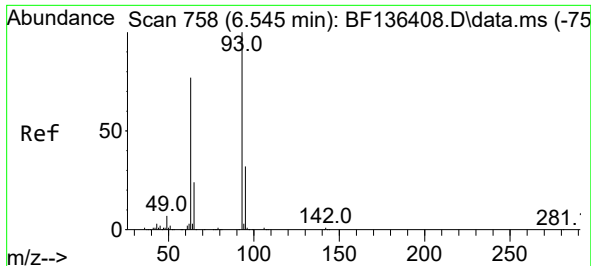
Tgt Ion: 77 Resp: 39372
Ion Ratio Lower Upper
77 100
105 108.9 82.5 122.5
106 102.9 74.5 114.5



#10
Phenol
Concen: 18.555 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion: 94 Resp: 150940
Ion Ratio Lower Upper
94 100
65 30.8 11.2 51.2
66 46.9 24.2 64.2





#11

bis(2-Chloroethyl)ether

Concen: 19.259 ng

RT: 6.522 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

Instrument :

BNA_F

ClientSampleId :

600572408-MS

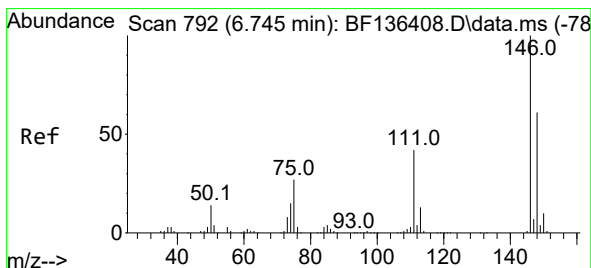
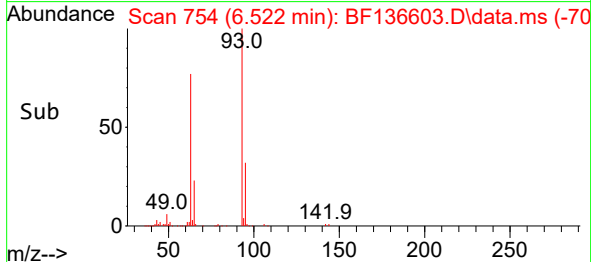
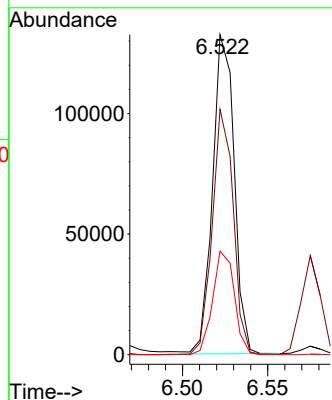
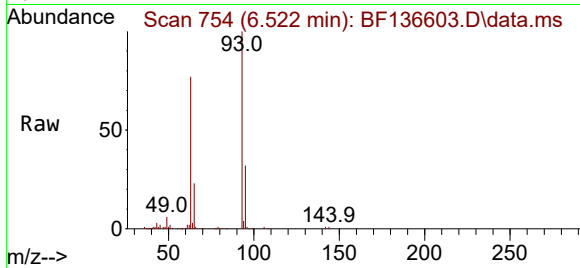
Tgt Ion: 93 Resp: 116778

Ion Ratio Lower Upper

93 100

63 76.6 56.8 96.8

95 32.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 18.718 ng

RT: 6.728 min Scan# 789

Delta R.T. 0.000 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

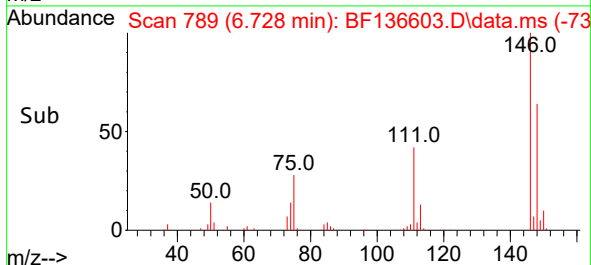
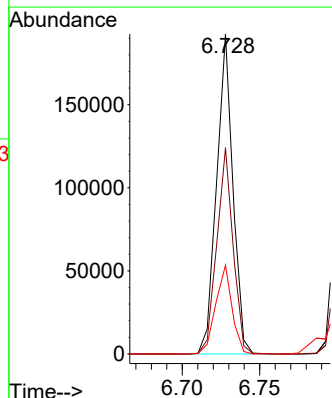
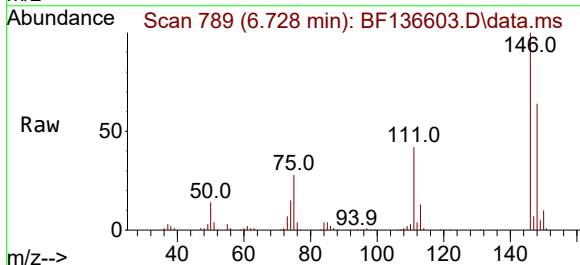
Tgt Ion:146 Resp: 140811

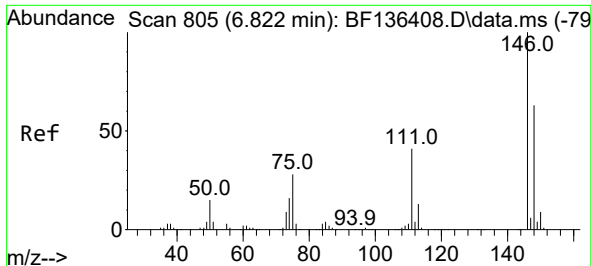
Ion Ratio Lower Upper

146 100

148 64.4 49.0 73.6

75 27.8 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 18.787 ng

RT: 6.804 min Scan# 805

Delta R.T. 0.000 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

Instrument :

BNA_F

ClientSampleId :

600572408-MS

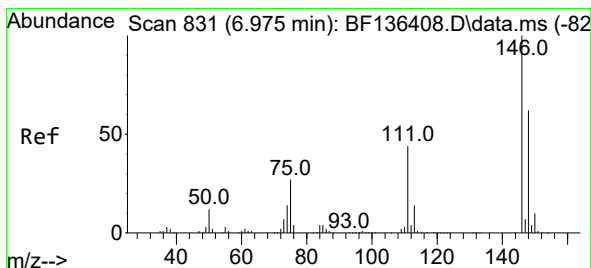
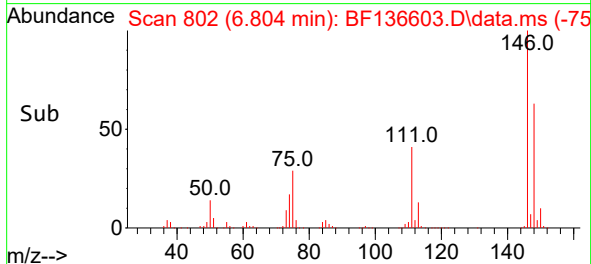
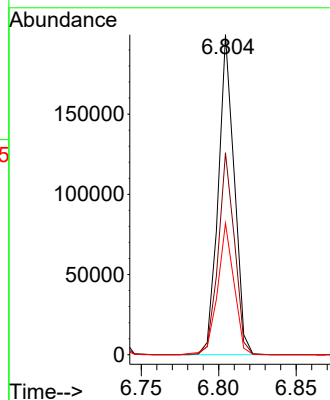
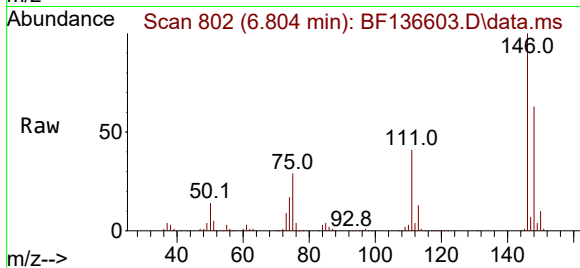
Tgt Ion:146 Resp: 143365

Ion Ratio Lower Upper

146 100

148 63.1 50.3 75.5

111 41.1 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 18.648 ng

RT: 6.957 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

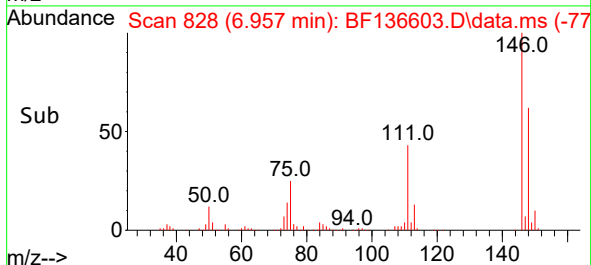
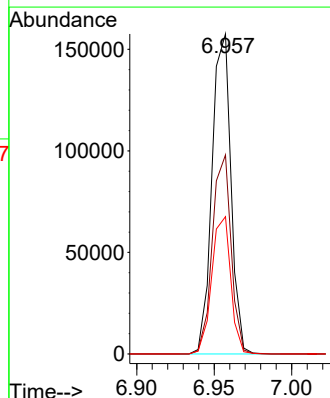
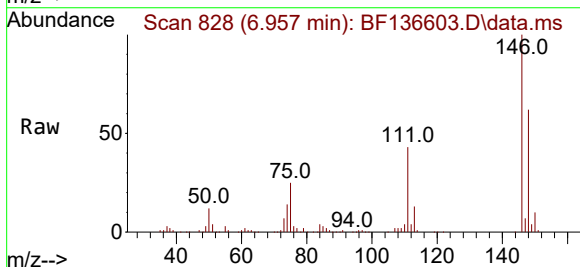
Tgt Ion:146 Resp: 133816

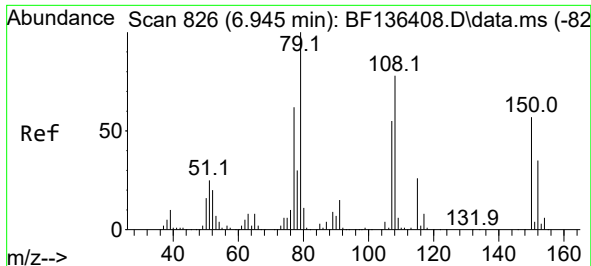
Ion Ratio Lower Upper

146 100

148 62.2 49.8 74.6

111 42.9 34.9 52.3

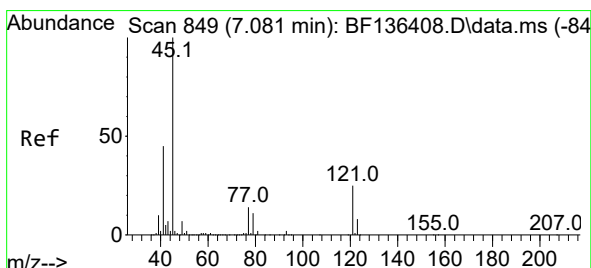
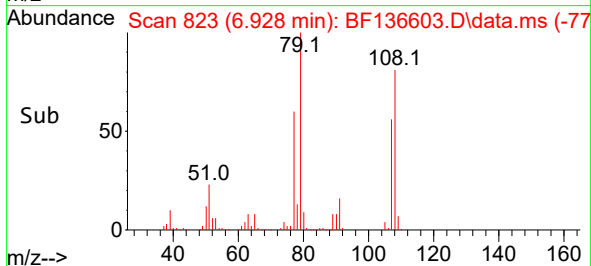
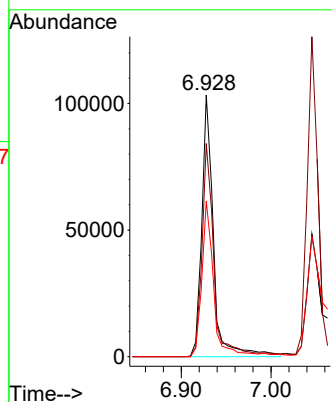
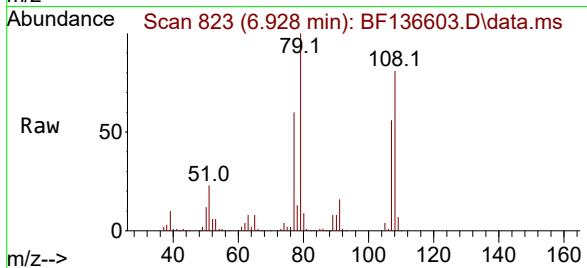




#15
Benzyl Alcohol
Concen: 18.263 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

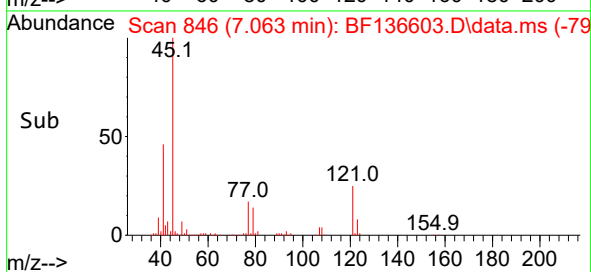
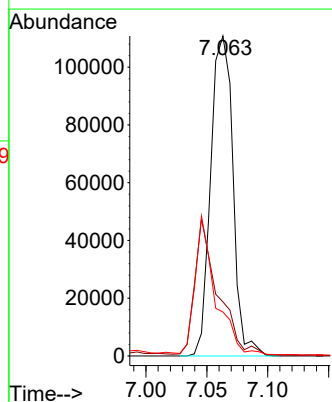
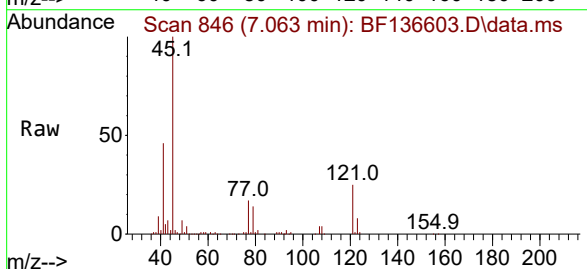
Instrument :
BNA_F
ClientSampleId :
600572408-MS

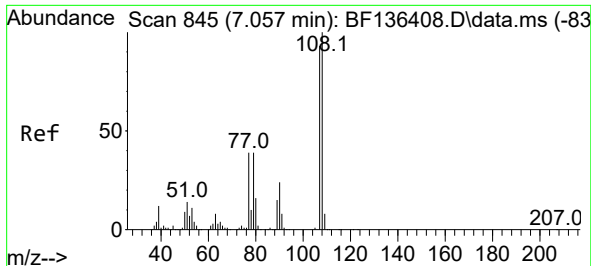
Tgt Ion: 79 Resp: 93490
Ion Ratio Lower Upper
79 100
108 81.4 62.3 93.5
77 59.5 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 18.076 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion: 45 Resp: 140967
Ion Ratio Lower Upper
45 100
77 16.9 0.0 35.3
79 13.7 0.0 32.5

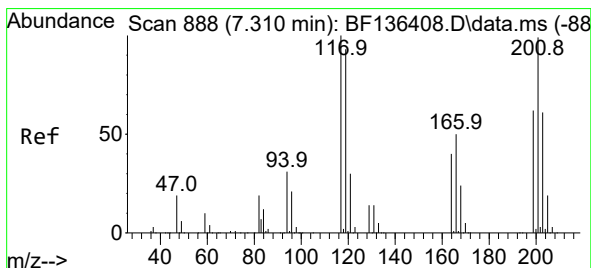
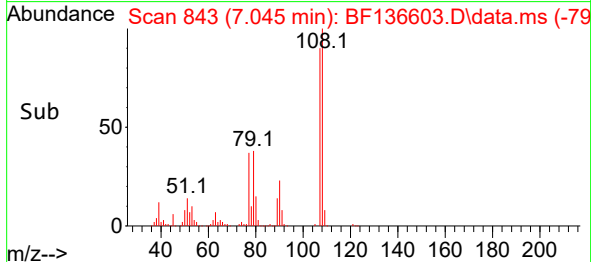
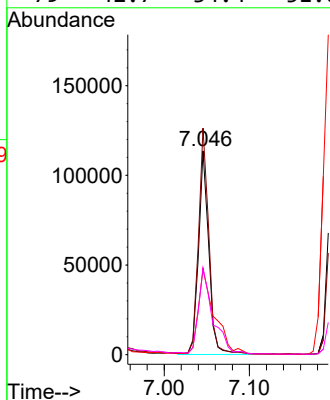
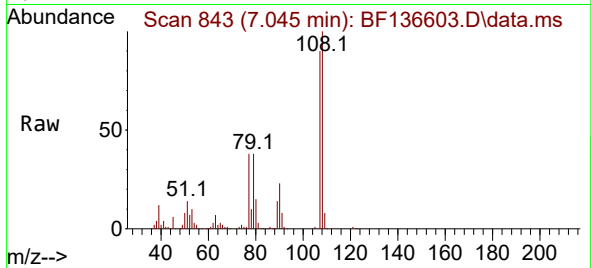




#17
2-Methylphenol
Concen: 17.747 ng
RT: 7.045 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

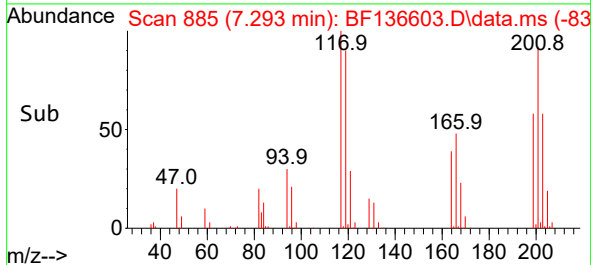
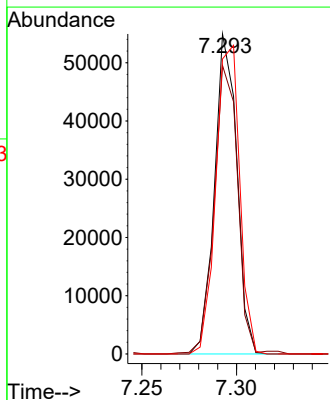
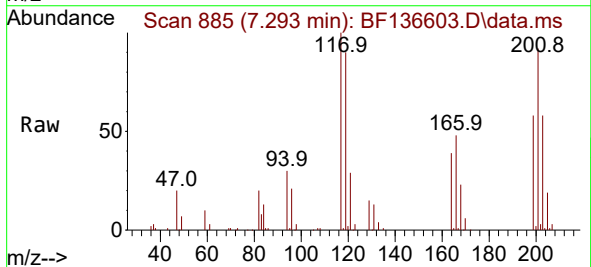
Instrument :
BNA_F
ClientSampleId :
600572408-MS

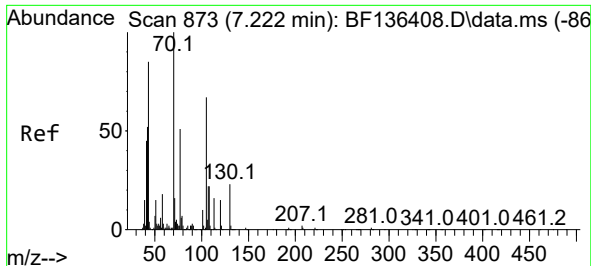
Tgt Ion:	107	Resp:	95906
Ion Ratio	Lower	Upper	
107	100		
108	111.2	86.5	129.7
77	41.8	33.8	50.8
79	42.7	34.4	51.6



#18
Hexachloroethane
Concen: 16.919 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion:	117	Resp:	45078
Ion Ratio	Lower	Upper	
117	100		
119	90.1	74.3	111.5
201	92.2	79.3	118.9

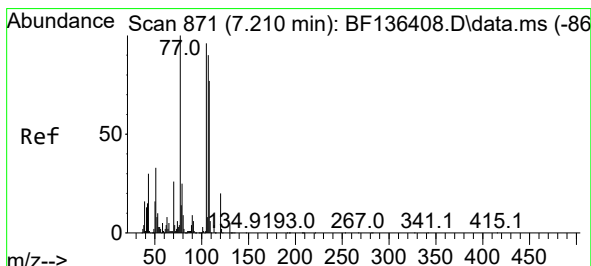
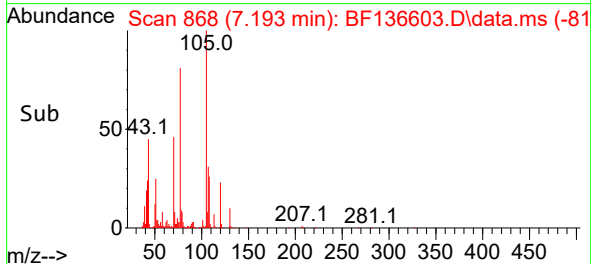
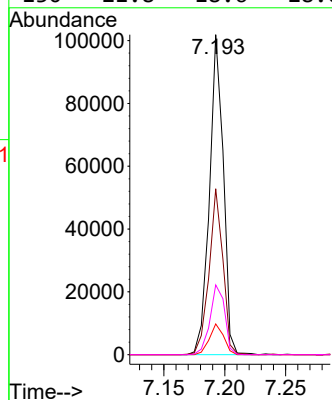
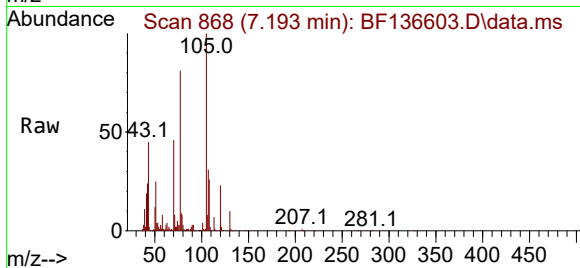




#19
n-Nitroso-di-n-propylamine
Concen: 18.275 ng
RT: 7.193 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

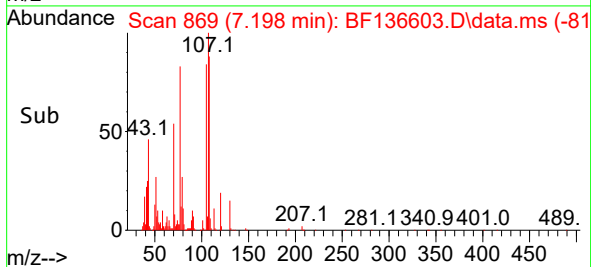
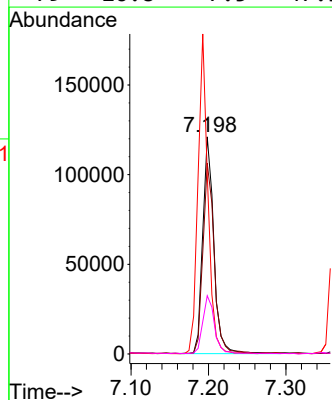
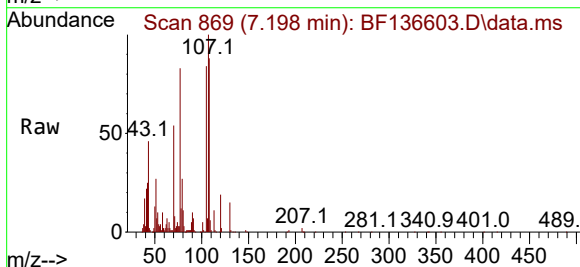
Instrument :
BNA_F
ClientSampleId :
600572408-MS

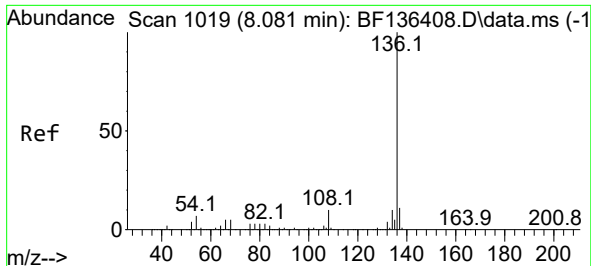
Tgt Ion:	70	Resp:	80593
Ion	Ratio	Lower	Upper
70	100		
42	51.9	41.4	62.0
101	9.6	8.2	12.4
130	21.8	18.6	28.0



#20
3+4-Methylphenols
Concen: 17.933 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion:	107	Resp:	120295
Ion	Ratio	Lower	Upper
107	100		
108	87.9	65.9	105.9
77	82.8	91.7	131.7#
79	26.8	7.5	47.5



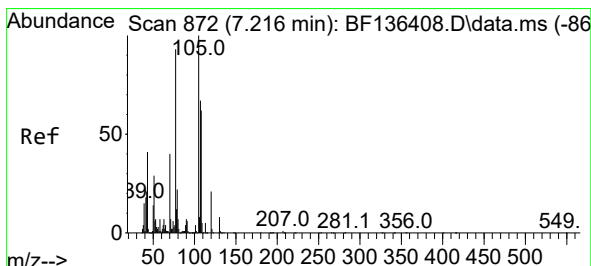
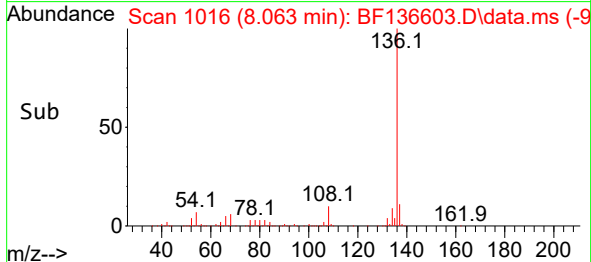
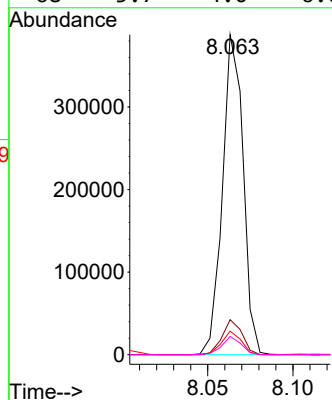
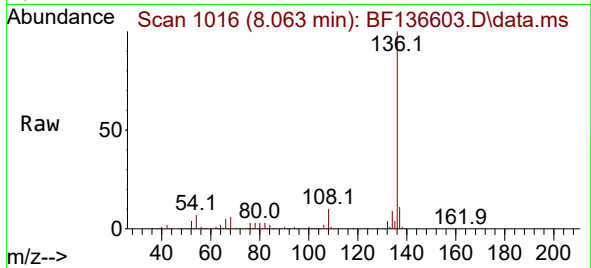


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Instrument :
BNA_F
ClientSampleId :
600572408-MS

Tgt Ion:136 Resp: 327398

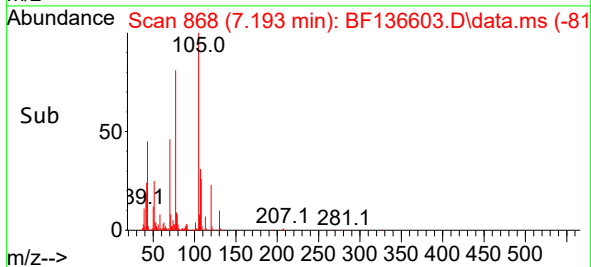
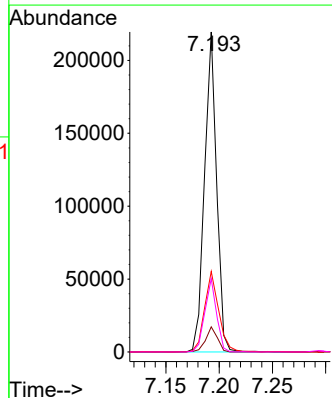
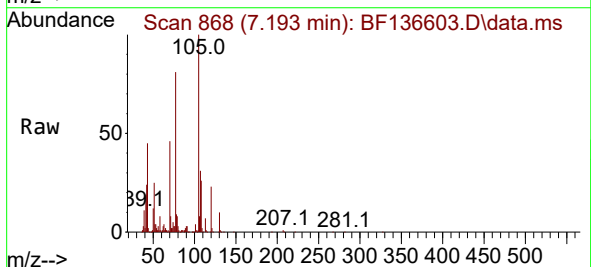
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.4	5.7	8.5
68	5.7	4.0	6.0

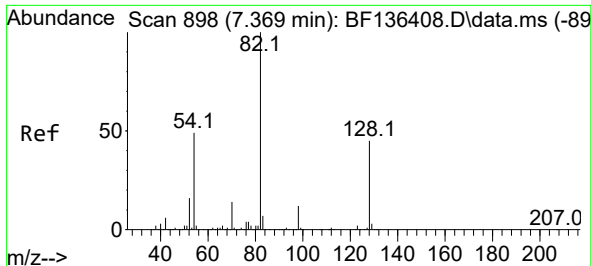


#22
Acetophenone
Concen: 21.510 ng
RT: 7.193 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion:105 Resp: 173904

Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.4	8.0
51	25.2	23.4	35.2
120	22.9	16.6	24.8





#23

Nitrobenzene-d5

Concen: 29.389 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

Instrument :

BNA_F

ClientSampleId :

600572408-MS

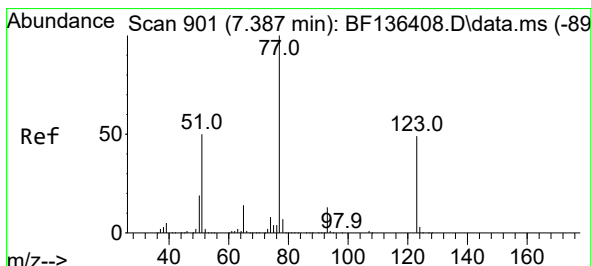
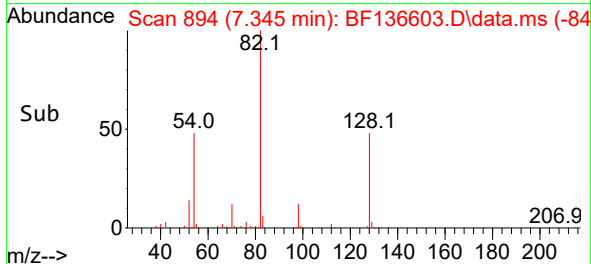
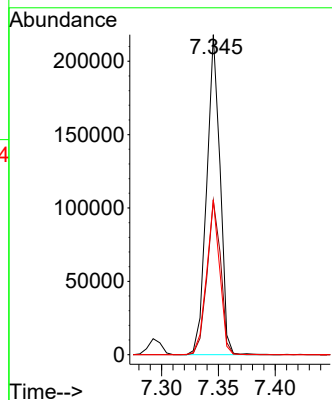
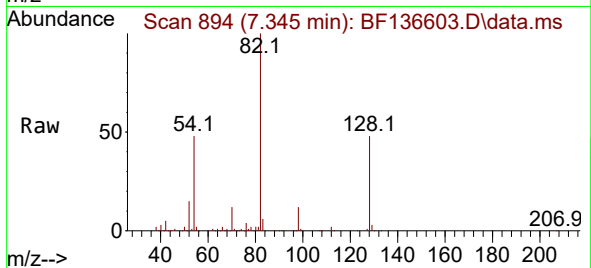
Tgt Ion: 82 Resp: 177986

Ion Ratio Lower Upper

82 100

128 48.2 36.3 54.5

54 48.4 39.0 58.6



#24

Nitrobenzene

Concen: 18.969 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

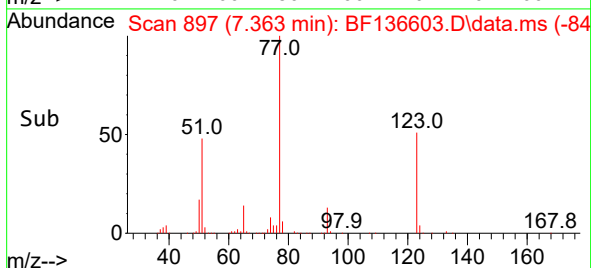
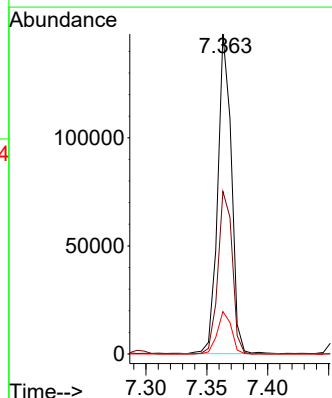
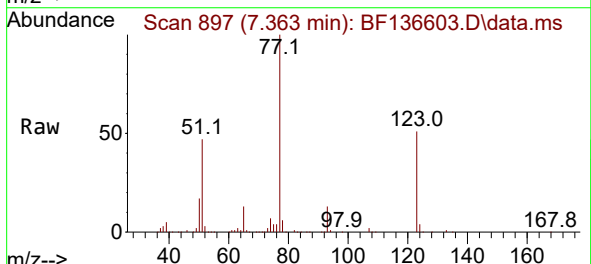
Tgt Ion: 77 Resp: 115566

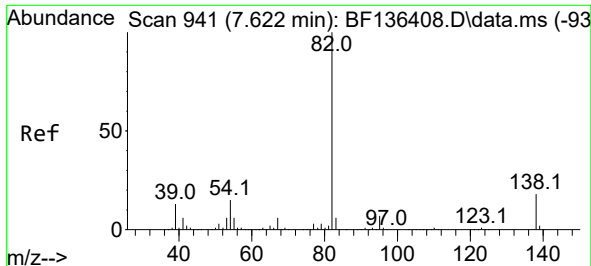
Ion Ratio Lower Upper

77 100

123 50.8 39.0 58.6

65 13.3 11.3 16.9

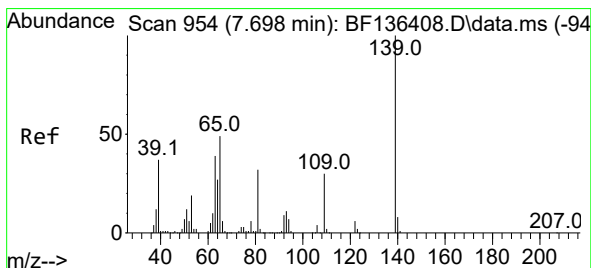
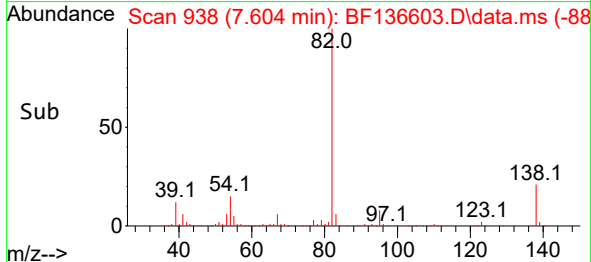
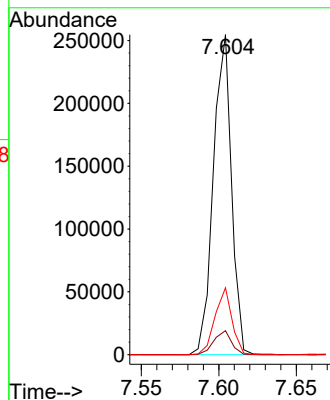
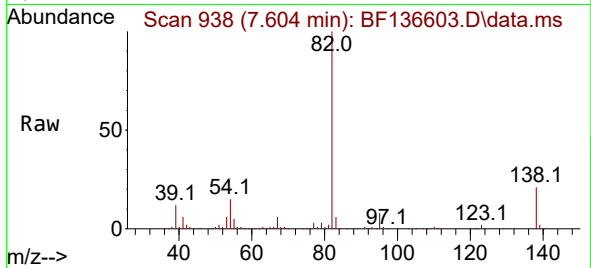




#25
Isophorone
Concen: 19.038 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

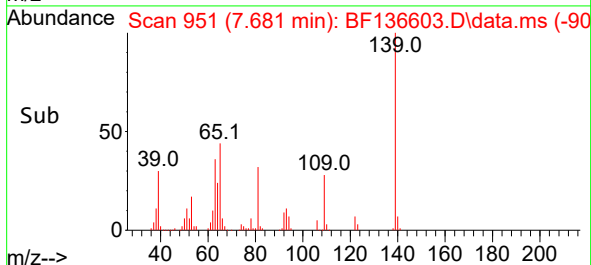
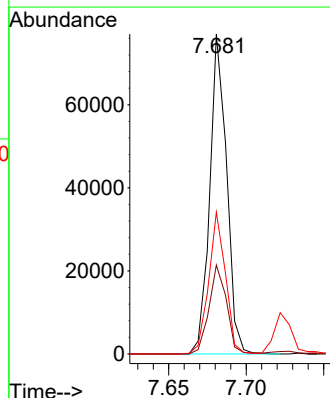
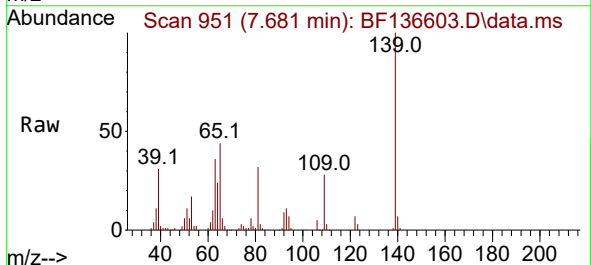
Instrument :
BNA_F
ClientSampleId :
600572408-MS

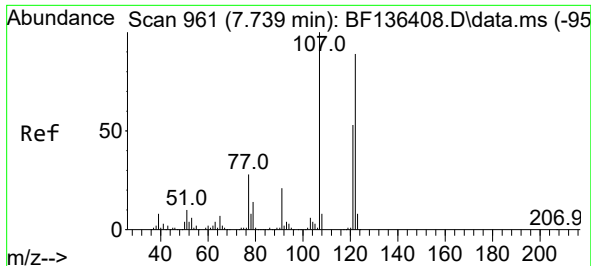
Tgt Ion: 82 Resp: 207146
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 20.9 14.5 21.7



#26
2-Nitrophenol
Concen: 19.452 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion:139 Resp: 58262
Ion Ratio Lower Upper
139 100
109 27.8 23.6 35.4
65 44.3 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 24.207 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

Instrument :

BNA_F

ClientSampleId :

600572408-MS

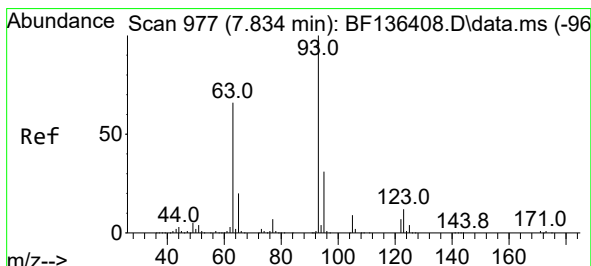
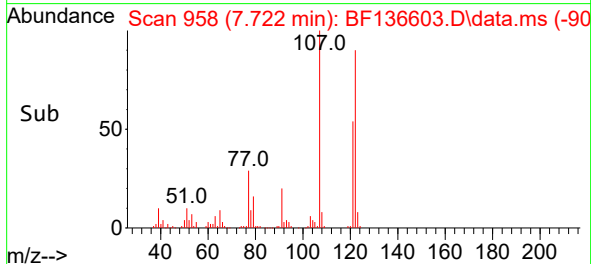
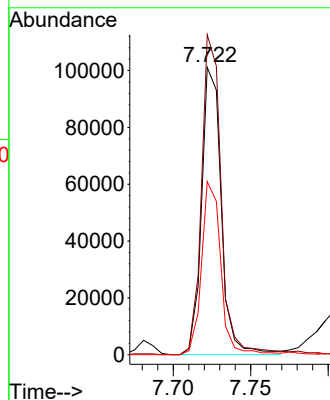
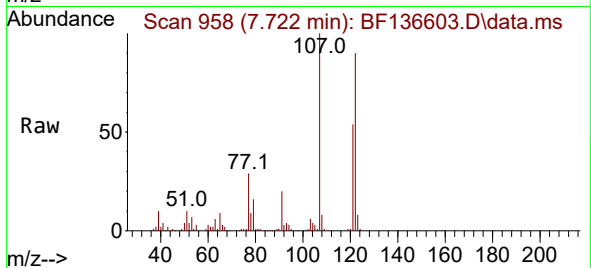
Tgt Ion:122 Resp: 89400

Ion Ratio Lower Upper

122 100

107 111.3 89.3 133.9

121 60.2 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 20.015 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

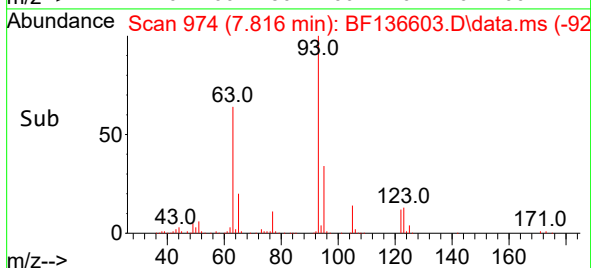
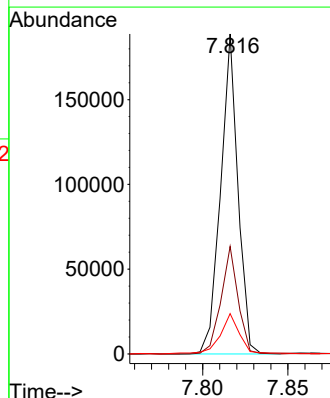
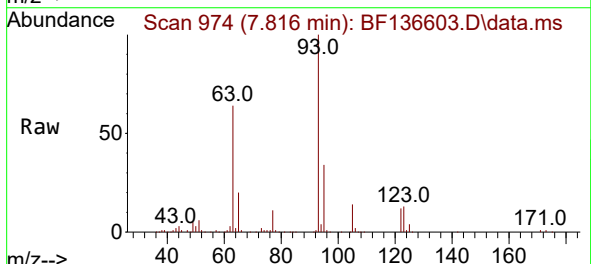
Tgt Ion: 93 Resp: 133818

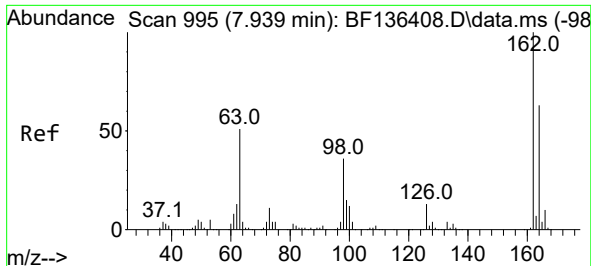
Ion Ratio Lower Upper

93 100

95 33.6 25.0 37.4

123 12.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 18.773 ng

RT: 7.928 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

Instrument :

BNA_F

ClientSampleId :

600572408-MS

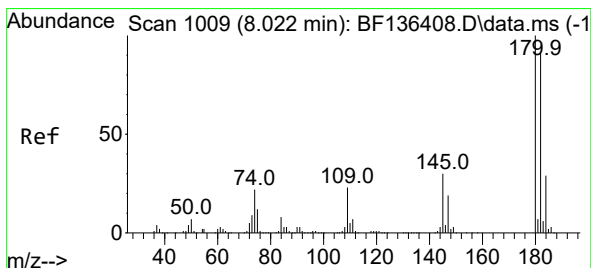
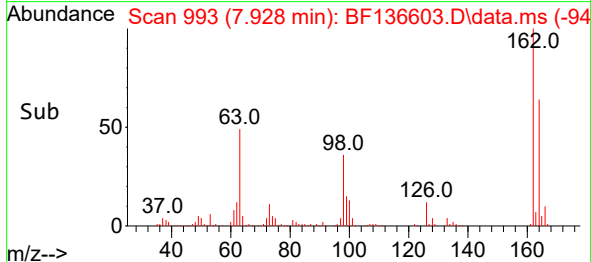
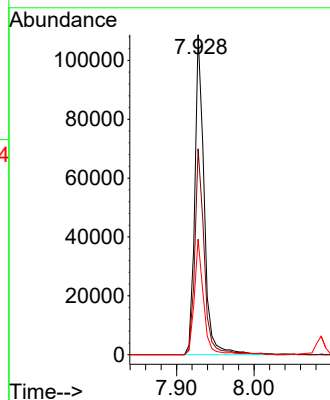
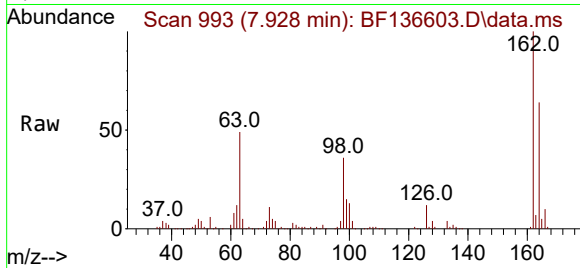
Tgt Ion:162 Resp: 91513

Ion Ratio Lower Upper

162 100

164 64.4 43.0 83.0

98 36.1 16.2 56.2



#30

1,2,4-Trichlorobenzene

Concen: 19.578 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

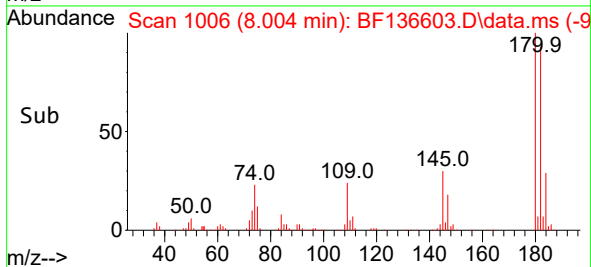
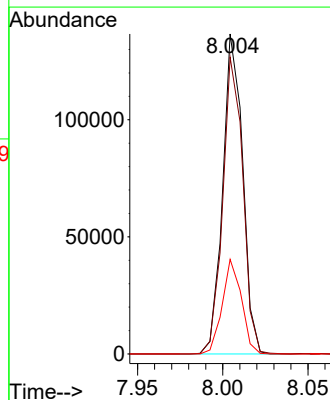
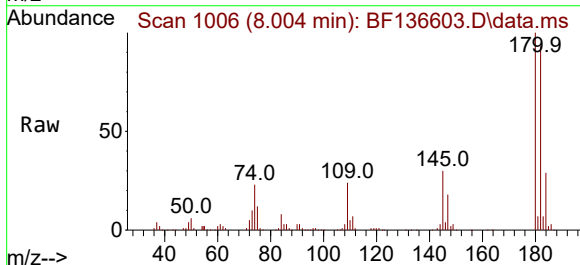
Tgt Ion:180 Resp: 111287

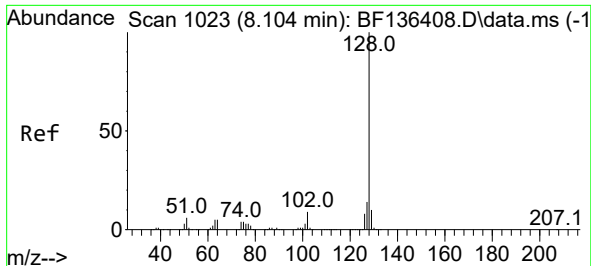
Ion Ratio Lower Upper

180 100

182 92.7 73.1 109.7

145 29.6 23.8 35.8

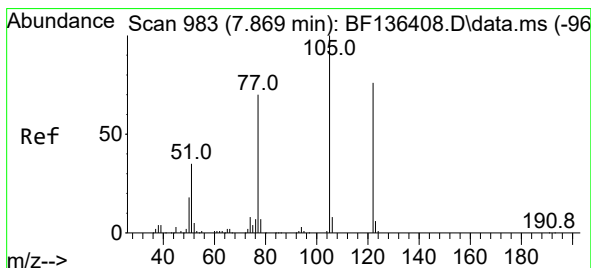
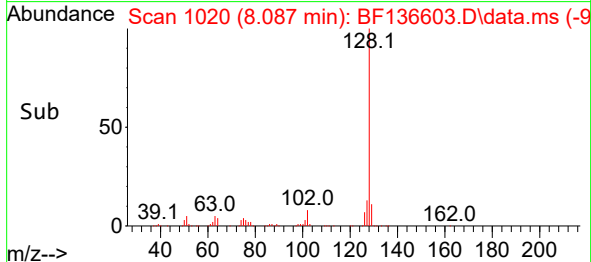
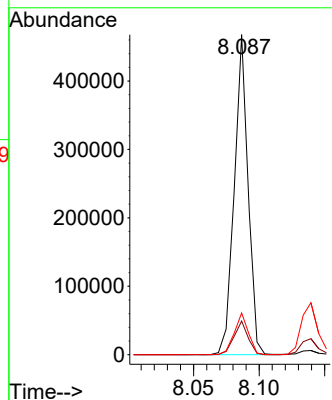
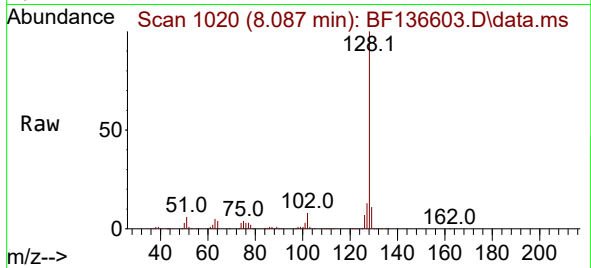




#31
Naphthalene
Concen: 18.959 ng
RT: 8.087 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

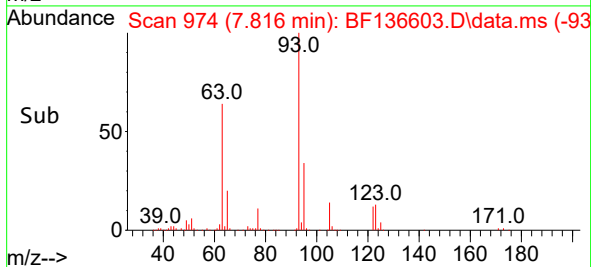
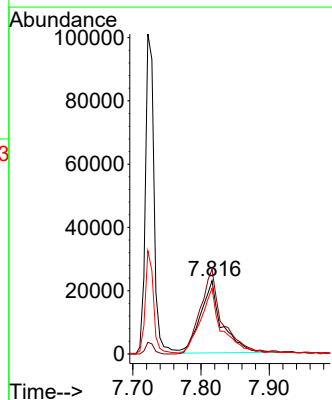
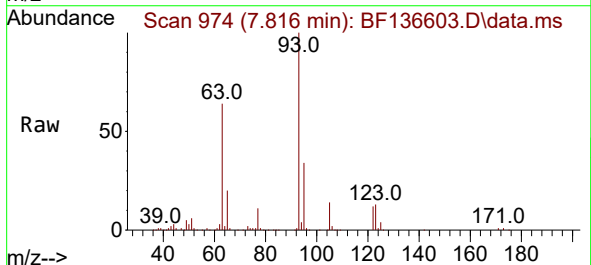
Instrument :
BNA_F
ClientSampleId :
600572408-MS

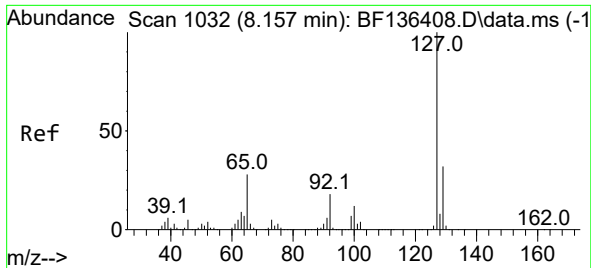
Tgt Ion:128 Resp: 342302
Ion Ratio Lower Upper
128 100
129 10.5 8.3 12.5
127 13.1 11.1 16.7



#32
Benzoic acid
Concen: 13.569 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.041 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion:122 Resp: 49711
Ion Ratio Lower Upper
122 100
105 115.4 104.7 144.7
77 89.5 68.5 108.5

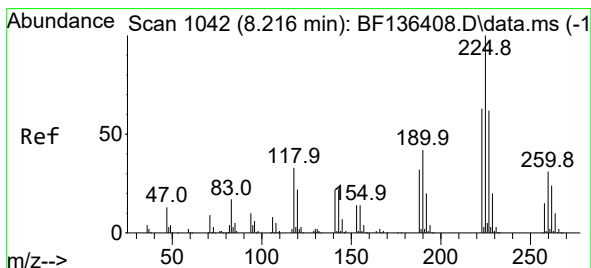
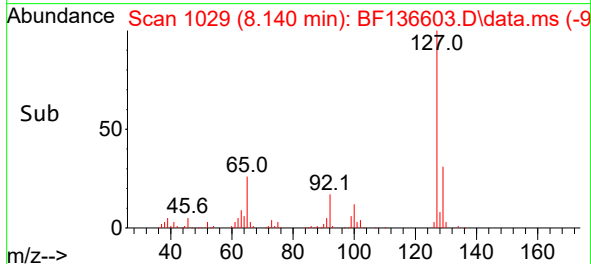
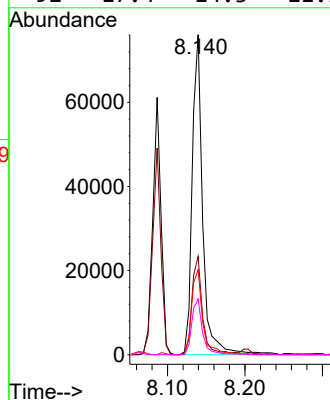
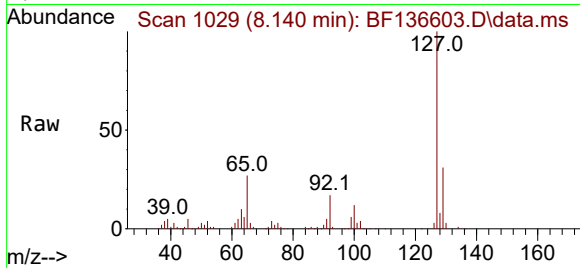




#33
4-Chloroaniline
Concen: 11.130 ng
RT: 8.140 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

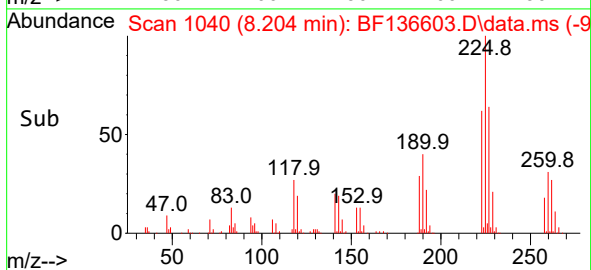
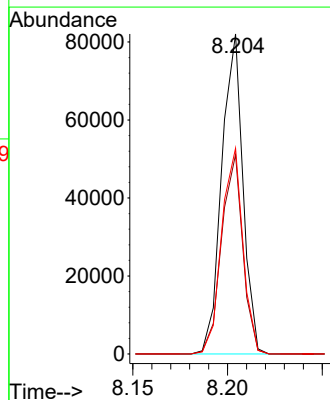
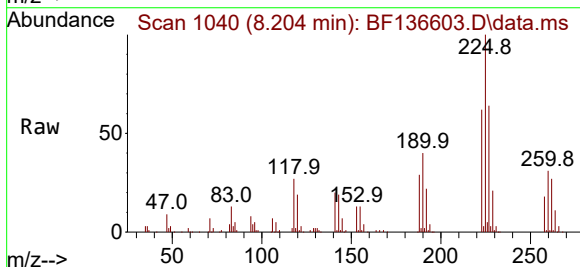
Instrument :
BNA_F
ClientSampleId :
600572408-MS

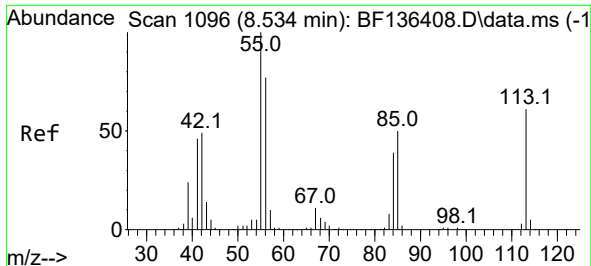
Tgt Ion:	127	Resp:	71642
Ion Ratio	Lower	Upper	
127	100		
129	30.7	25.4	38.2
65	26.6	22.5	33.7
92	17.4	14.3	21.5



#34
Hexachlorobutadiene
Concen: 18.937 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion:	225	Resp:	63793
Ion Ratio	Lower	Upper	
225	100		
223	62.3	50.8	76.2
227	64.3	49.8	74.8

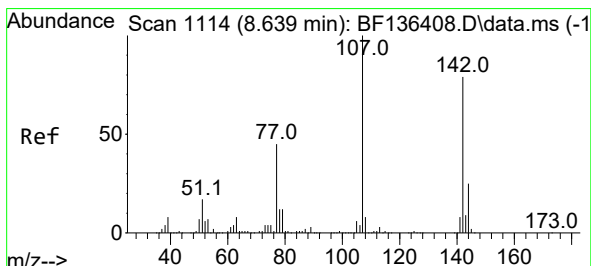
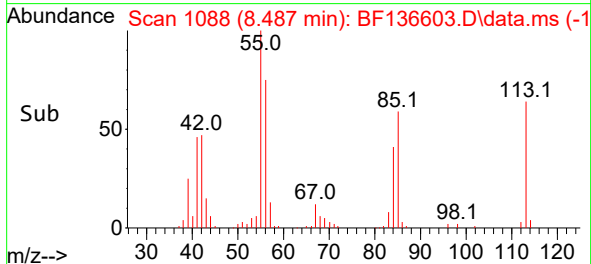
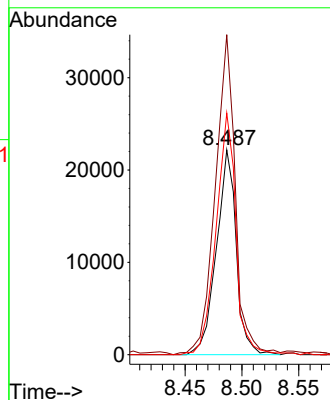
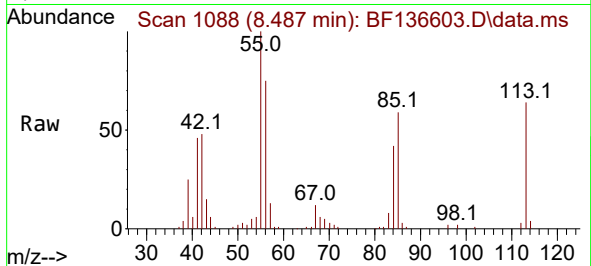




#35
 Caprolactam
 Concen: 17.923 ng
 RT: 8.487 min Scan# 1108
 Delta R.T. -0.035 min
 Lab File: BF136603.D
 Acq: 15 Dec 2023 20:38

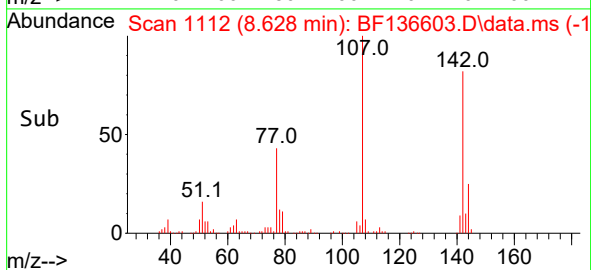
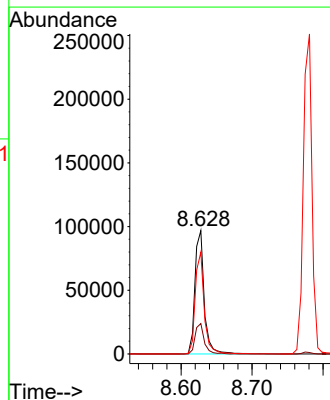
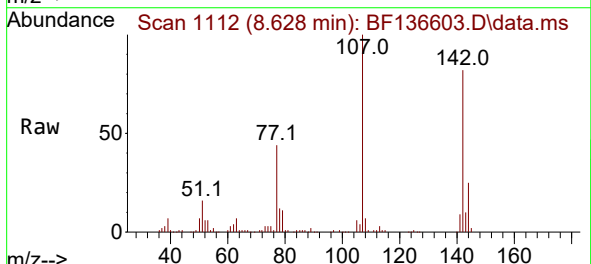
Instrument :
 BNA_F
 ClientSampleId :
 600572408-MS

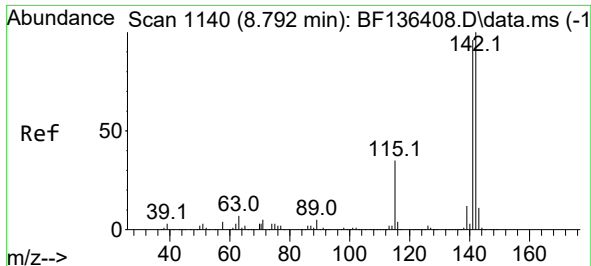
Tgt Ion:113 Resp: 26906
 Ion Ratio Lower Upper
 113 100
 55 156.3 143.7 183.7
 56 118.0 105.2 145.2



#36
 4-Chloro-3-methylphenol
 Concen: 17.083 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. 0.000 min
 Lab File: BF136603.D
 Acq: 15 Dec 2023 20:38

Tgt Ion:107 Resp: 88418
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.1 30.1
 142 82.5 63.1 94.7

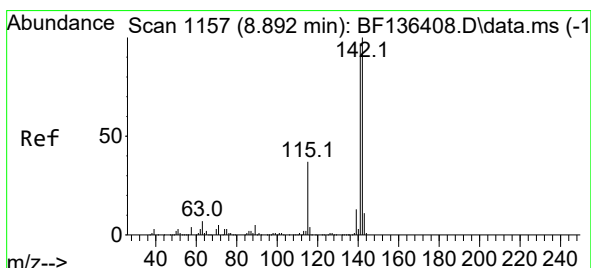
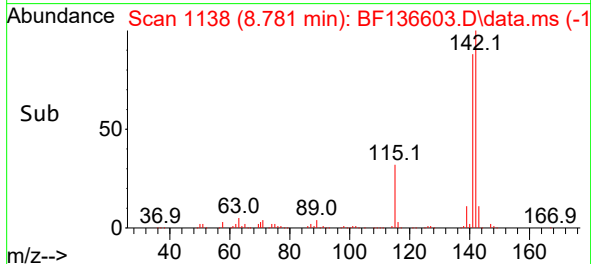
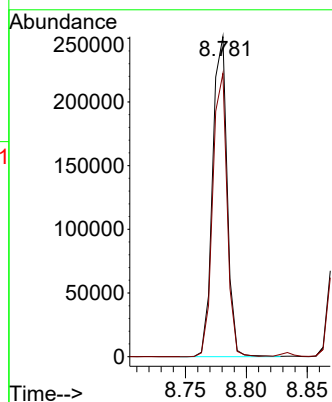
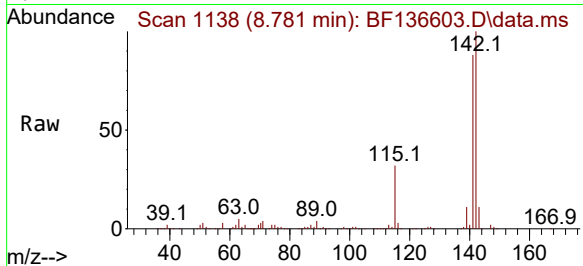




#37
2-Methylnaphthalene
Concen: 18.203 ng
RT: 8.781 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

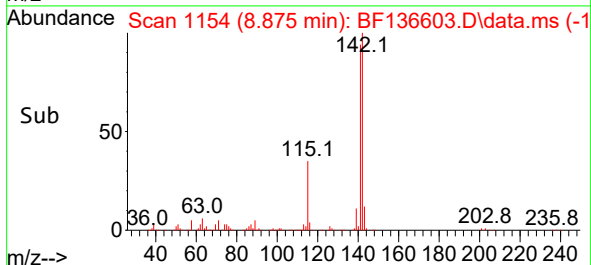
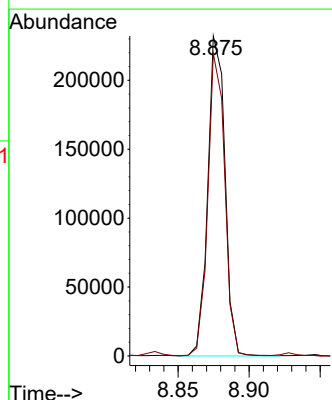
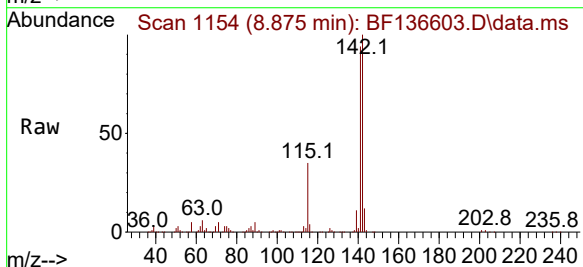
Instrument :
BNA_F
ClientSampleId :
600572408-MS

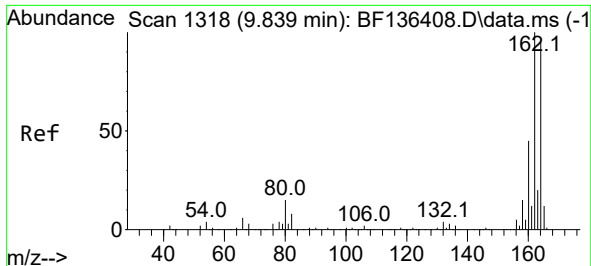
Tgt Ion:142 Resp: 209088
Ion Ratio Lower Upper
142 100
141 88.5 76.4 114.6



#38
1-Methylnaphthalene
Concen: 17.412 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion:142 Resp: 196253
Ion Ratio Lower Upper
142 100
141 94.5 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: BF136603.D

Acq: 15 Dec 2023 20:38

Instrument :

BNA_F

ClientSampleId :

600572408-MS

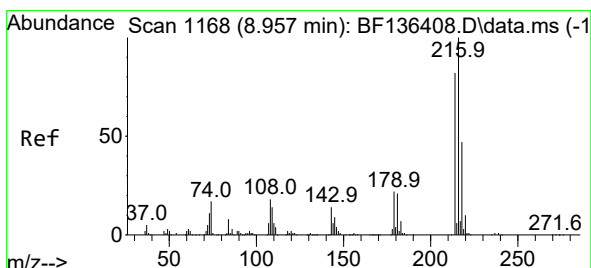
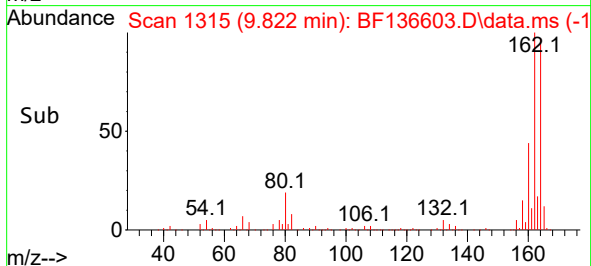
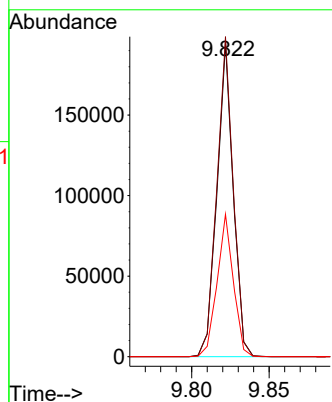
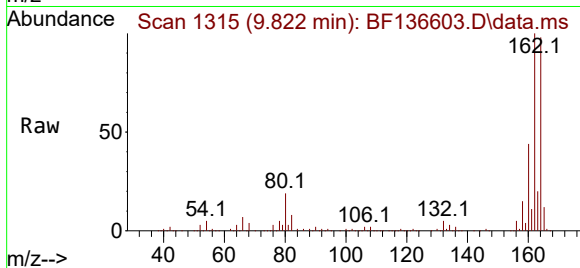
Tgt Ion:164 Resp: 142120

Ion Ratio Lower Upper

164 100

162 102.1 84.4 126.6

160 45.4 37.6 56.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 22.366 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

Tgt Ion:216 Resp: 98893

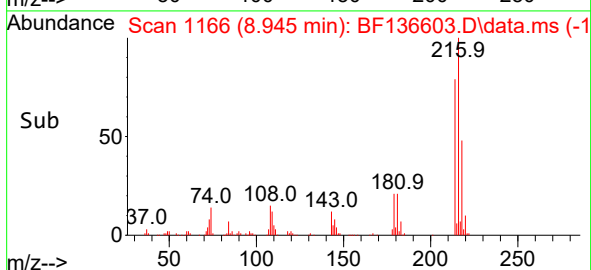
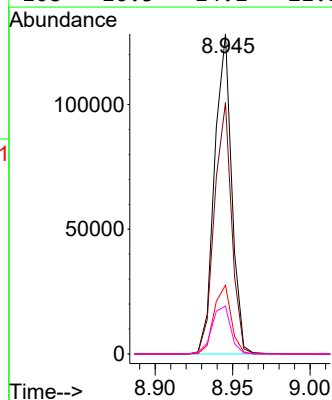
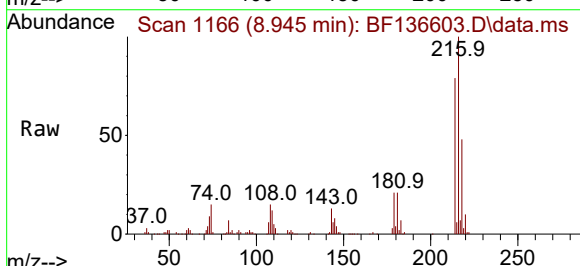
Ion Ratio Lower Upper

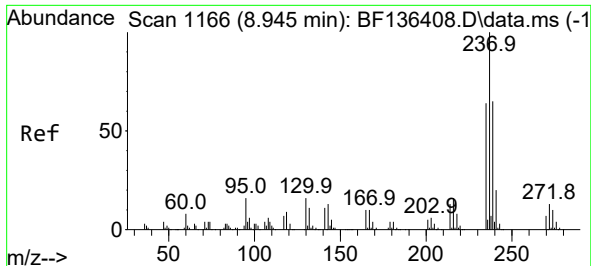
216 100

214 78.6 64.1 96.1

179 21.5 17.0 25.6

108 16.5 14.1 21.1

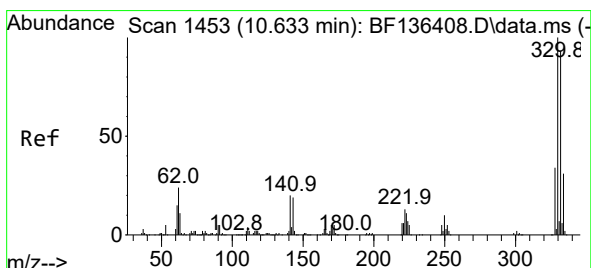
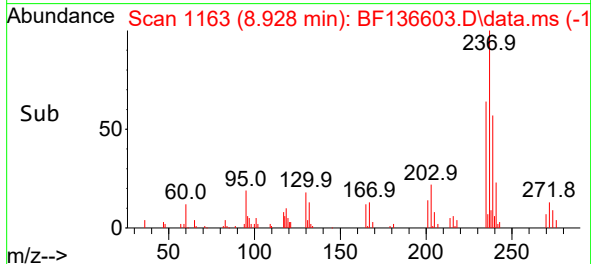
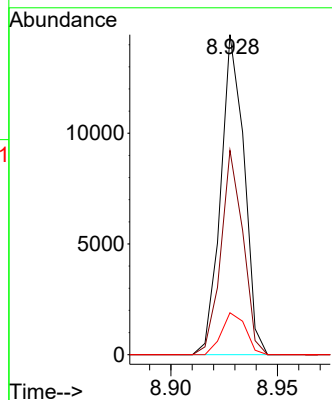
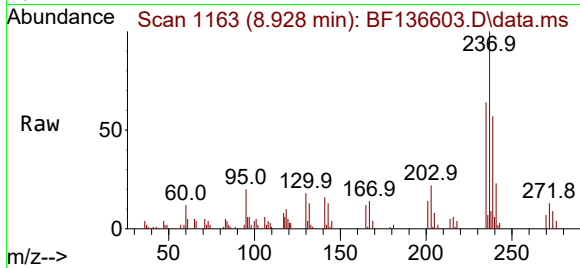




#41
Hexachlorocyclopentadiene
Concen: 6.728 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

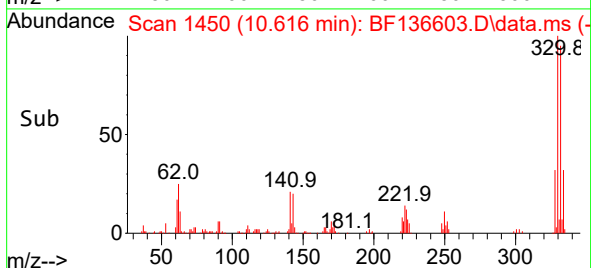
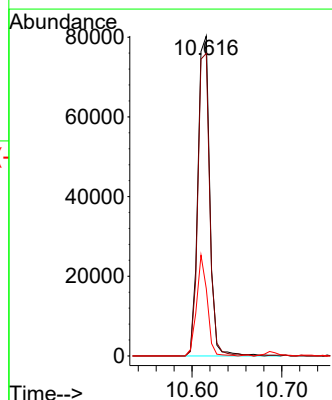
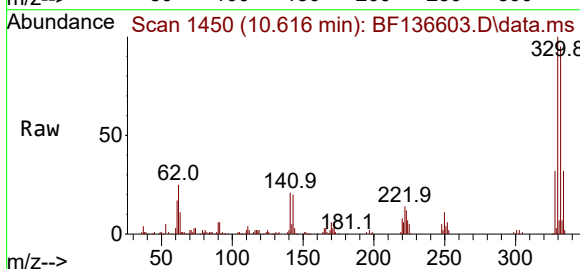
Instrument :
BNA_F
ClientSampleId :
600572408-MS

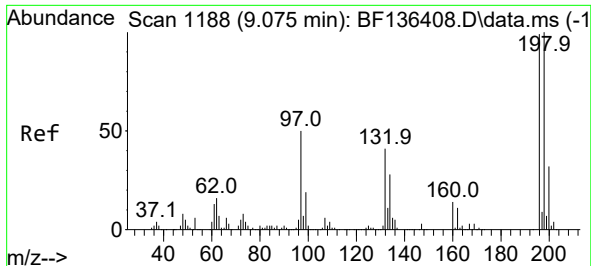
Tgt Ion: 237 Resp: 11021
Ion Ratio Lower Upper
237 100
235 63.8 44.1 84.1
272 13.1 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 42.097 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion: 330 Resp: 73768
Ion Ratio Lower Upper
330 100
332 95.0 76.4 114.6
141 28.1 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 20.126 ng

RT: 9.057 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

Instrument :

BNA_F

ClientSampleId :

600572408-MS

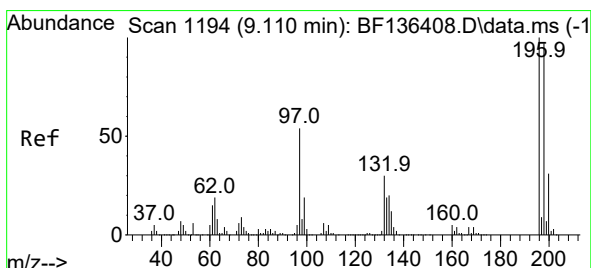
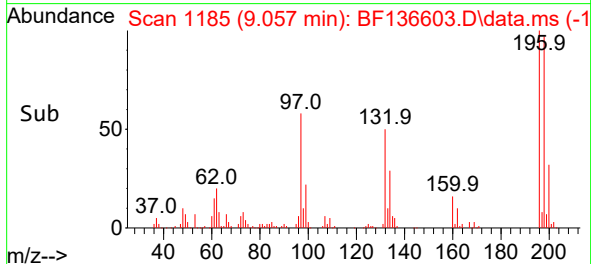
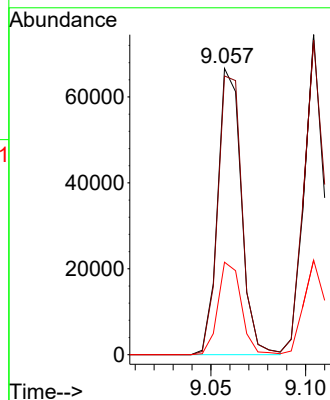
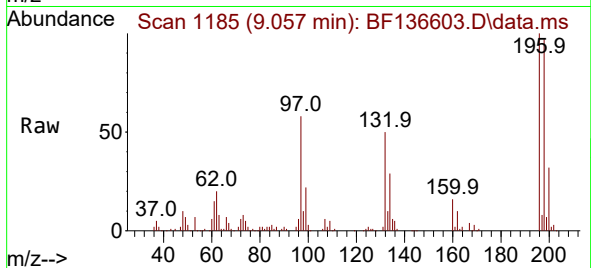
Tgt Ion:196 Resp: 57943

Ion Ratio Lower Upper

196 100

198 97.4 80.4 120.6

200 32.3 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 18.601 ng

RT: 9.104 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

Tgt Ion:196 Resp: 59769

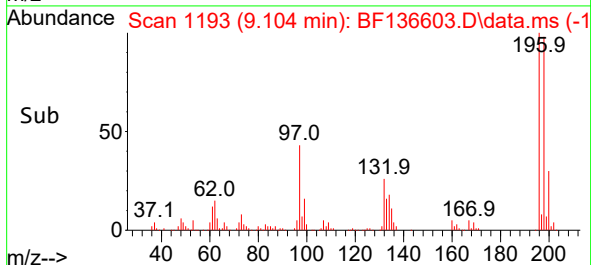
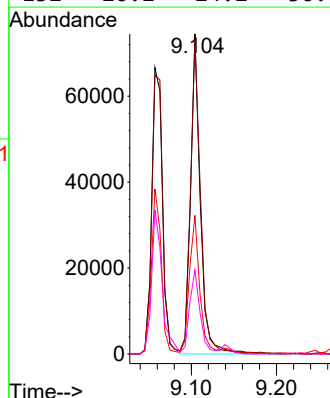
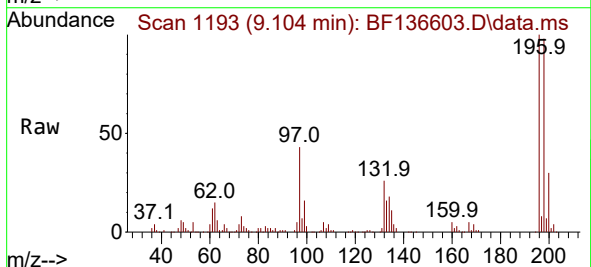
Ion Ratio Lower Upper

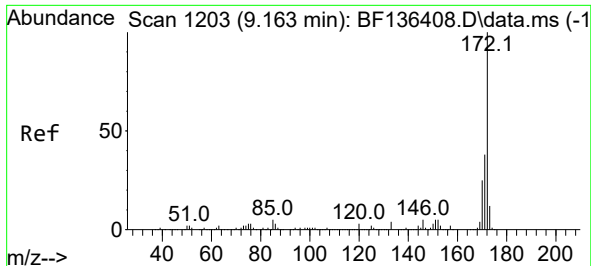
196 100

198 98.2 78.1 117.1

97 43.3 43.4 65.2#

132 26.2 24.2 36.4

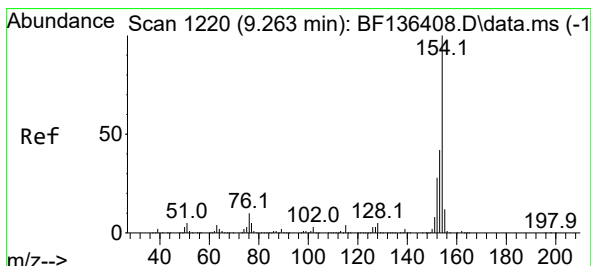
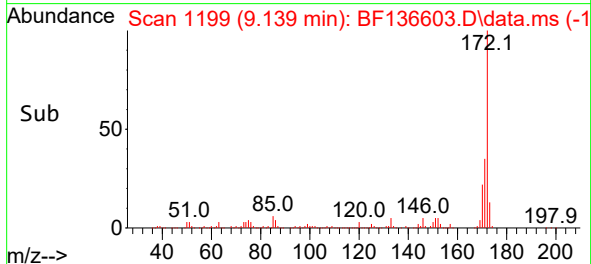
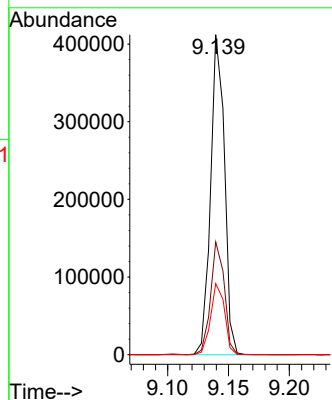
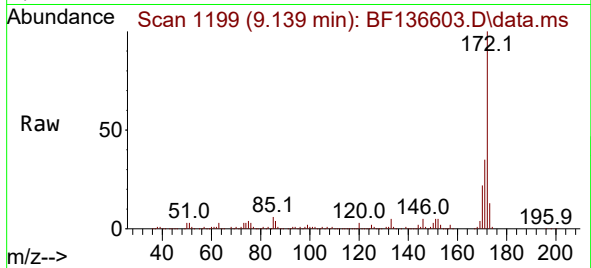




#45
2-Fluorobiphenyl
Concen: 31.336 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

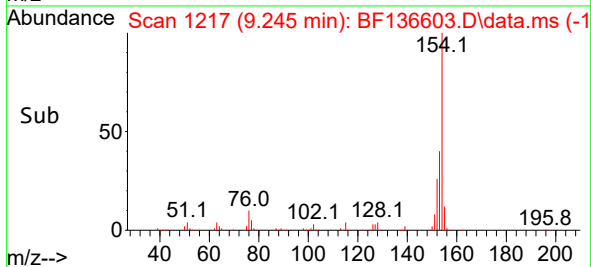
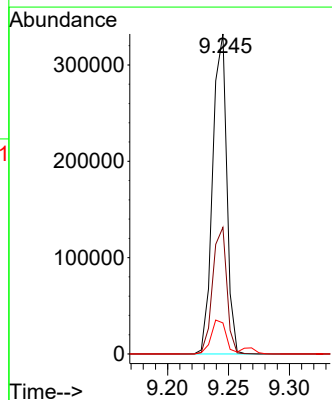
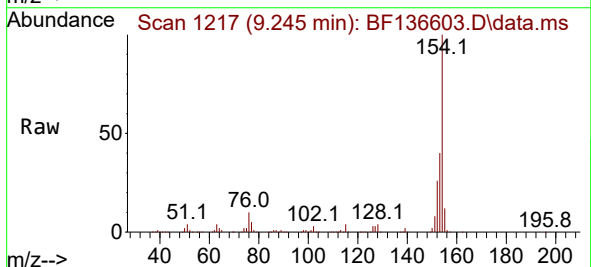
Instrument :
BNA_F
ClientSampleId :
600572408-MS

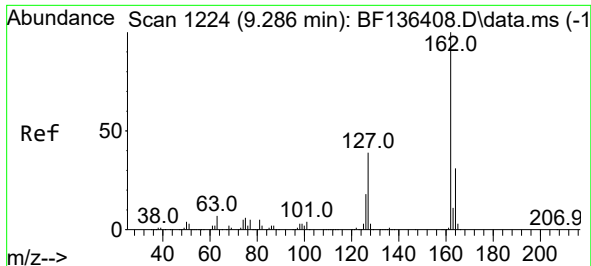
Tgt Ion:172 Resp: 326380
Ion Ratio Lower Upper
172 100
171 35.2 30.5 45.7
170 22.2 19.9 29.9



#46
1,1'-Biphenyl
Concen: 22.021 ng
RT: 9.245 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion:154 Resp: 266301
Ion Ratio Lower Upper
154 100
153 39.6 22.5 62.5
76 9.7 0.0 29.9





#47

2-Chloronaphthalene

Concen: 19.931 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

Instrument :

BNA_F

ClientSampleId :

600572408-MS

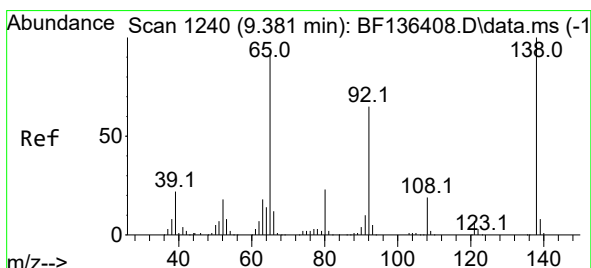
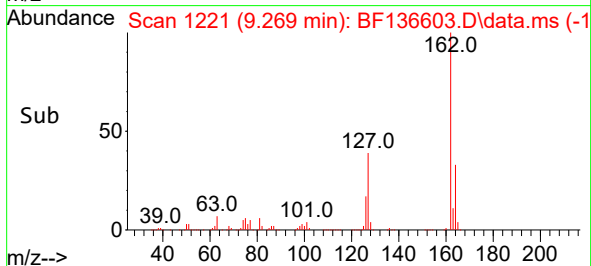
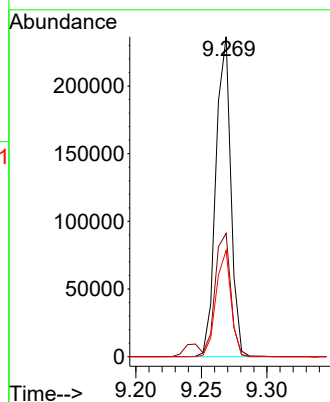
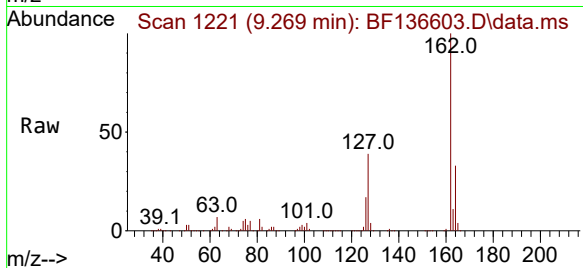
Tgt Ion:162 Resp: 187592

Ion Ratio Lower Upper

162 100

127 38.5 31.1 46.7

164 33.2 24.6 37.0



#48

2-Nitroaniline

Concen: 19.753 ng

RT: 9.363 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

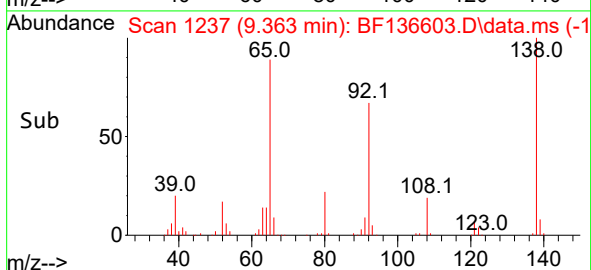
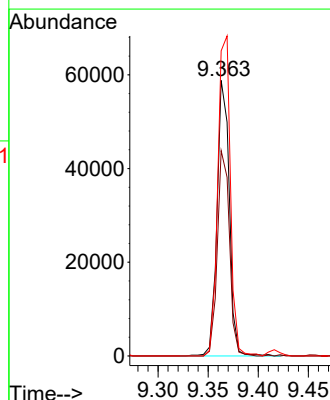
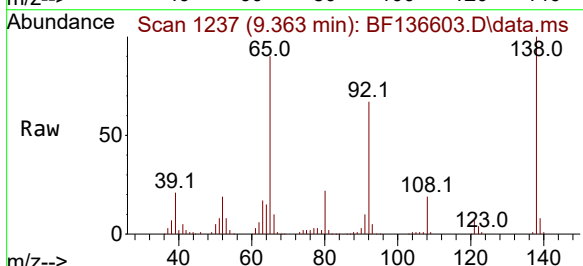
Tgt Ion: 65 Resp: 49864

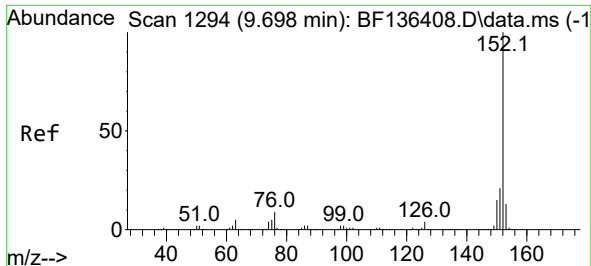
Ion Ratio Lower Upper

65 100

92 74.5 56.1 84.1

138 110.7 86.7 130.1





#49

Acenaphthylene

Concen: 21.351 ng

RT: 9.681 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136603.D

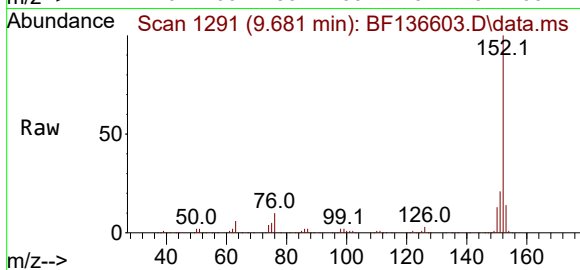
Acq: 15 Dec 2023 20:38

Instrument :

BNA_F

ClientSampleId :

600572408-MS



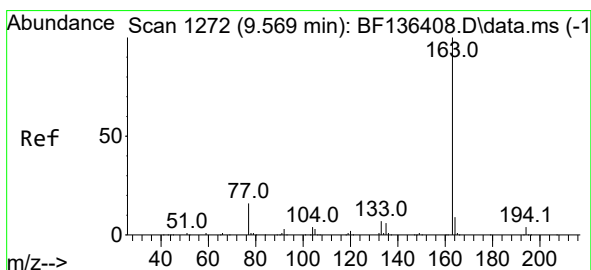
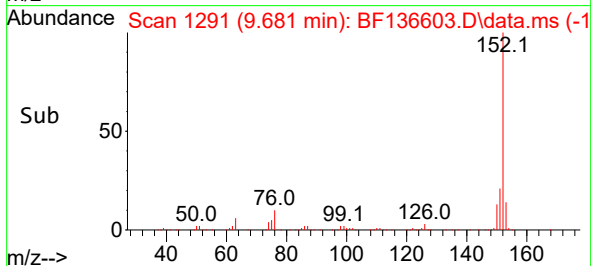
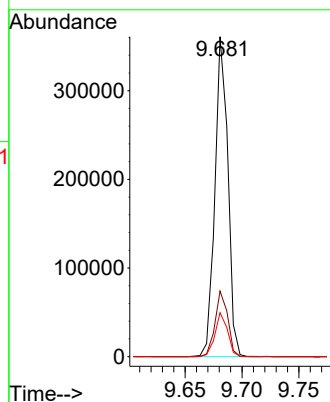
Tgt Ion:152 Resp: 286268

Ion Ratio Lower Upper

152 100

151 20.5 17.2 25.8

153 13.8 10.6 15.8



#50

Dimethylphthalate

Concen: 21.215 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

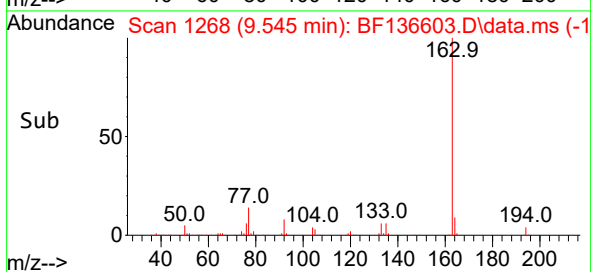
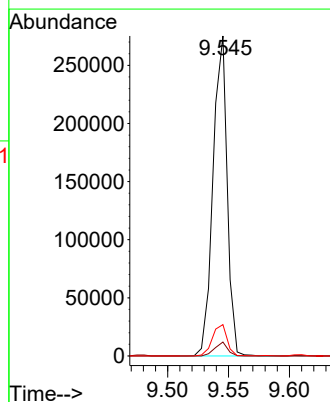
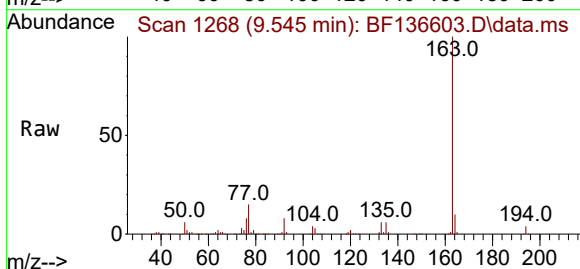
Tgt Ion:163 Resp: 221978

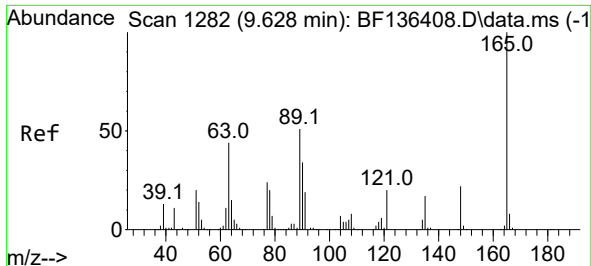
Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.6

164 9.8 7.4 11.2

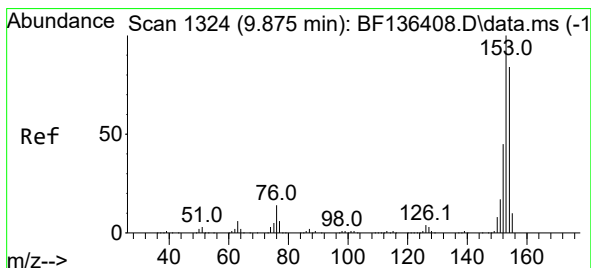
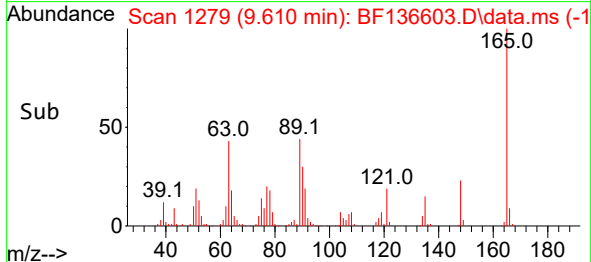
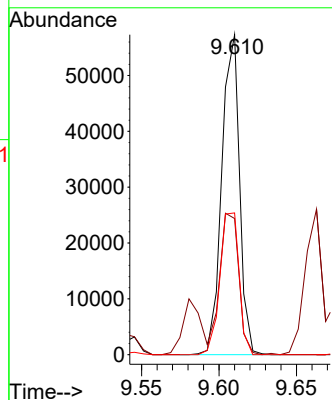
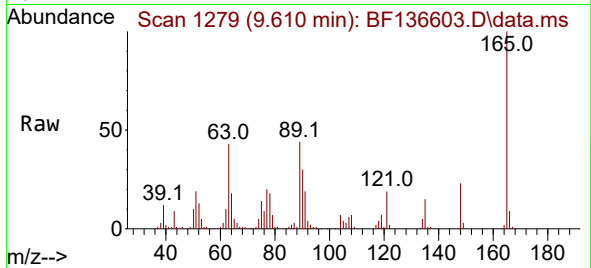




#51
2,6-Dinitrotoluene
Concen: 19.378 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

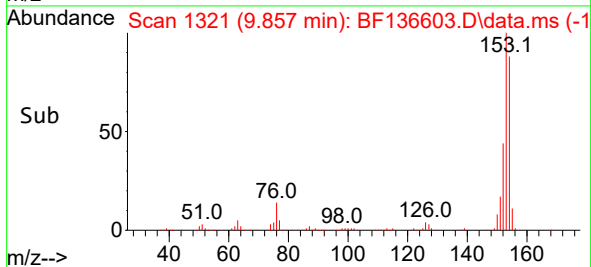
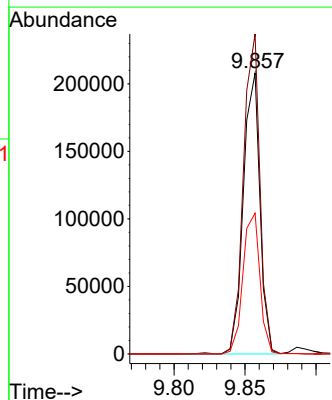
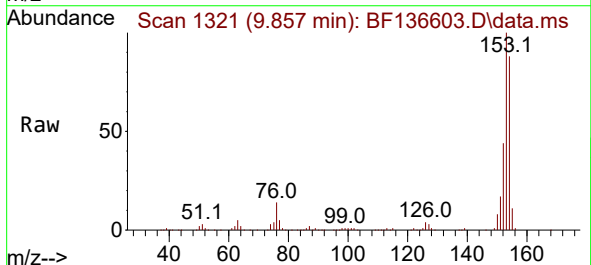
Instrument :
BNA_F
ClientSampleId :
600572408-MS

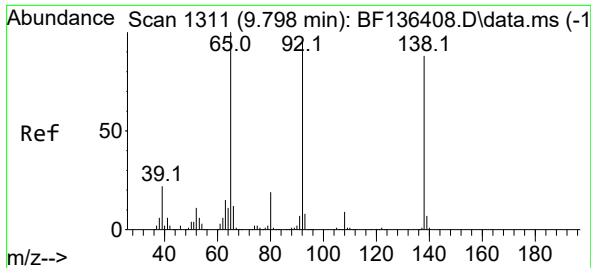
Tgt Ion:165 Resp: 45615
Ion Ratio Lower Upper
165 100
63 42.6 40.4 60.6
89 44.3 40.6 60.8



#52
Acenaphthene
Concen: 19.712 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion:154 Resp: 169366
Ion Ratio Lower Upper
154 100
153 113.9 95.3 142.9
152 50.1 43.2 64.8

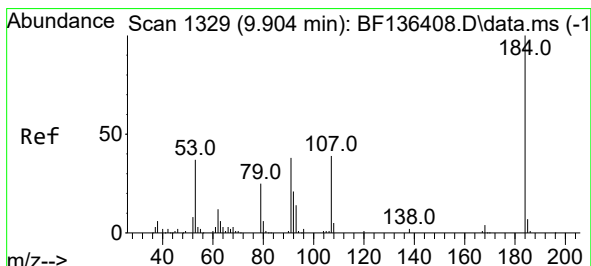
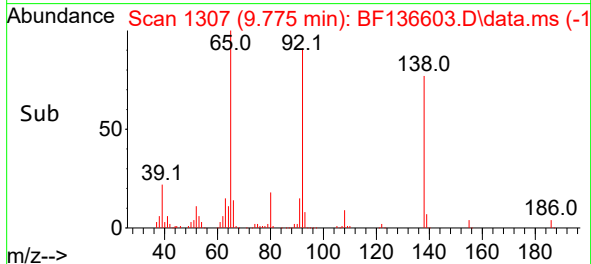
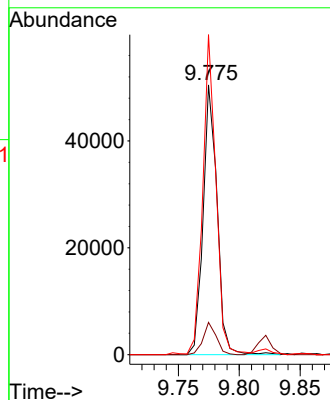
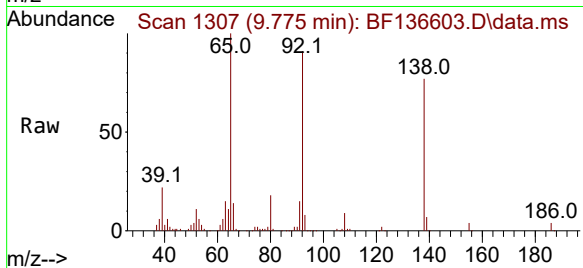




#53
3-Nitroaniline
Concen: 16.718 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

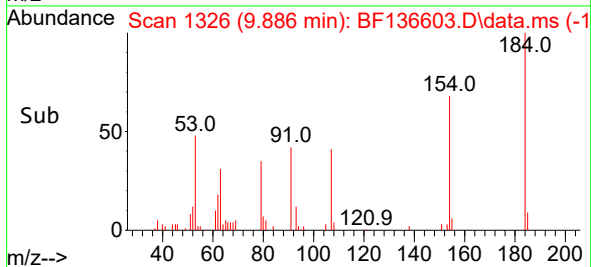
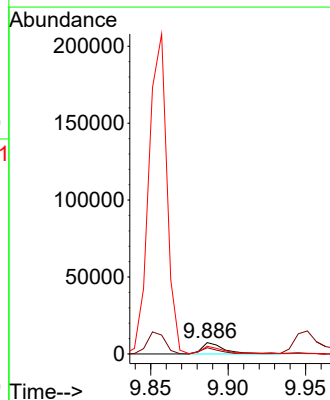
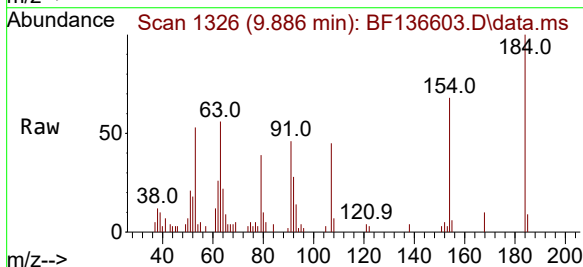
Instrument :
BNA_F
ClientSampleId :
600572408-MS

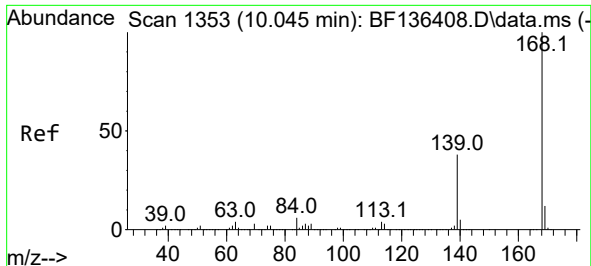
Tgt Ion:138 Resp: 40186
Ion Ratio Lower Upper
138 100
108 12.0 8.5 12.7
92 118.6 86.1 129.1



#54
2,4-Dinitrophenol
Concen: 6.274 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion:184 Resp: 7467
Ion Ratio Lower Upper
184 100
63 55.8 39.1 58.7
154 68.1 49.9 74.9

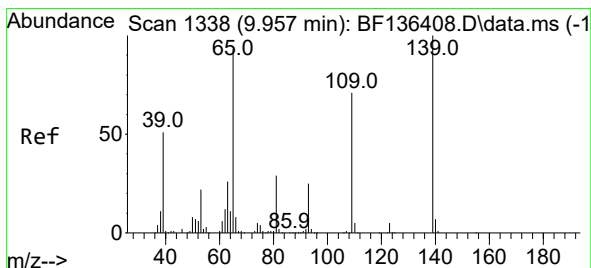
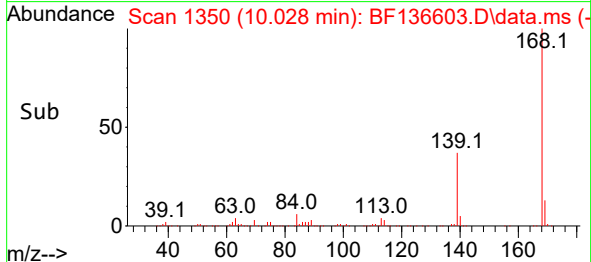
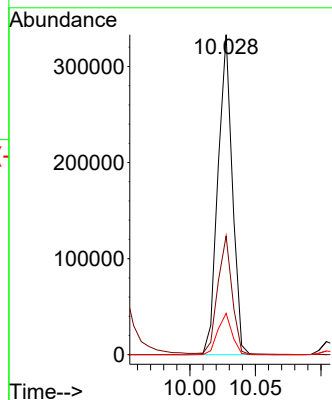
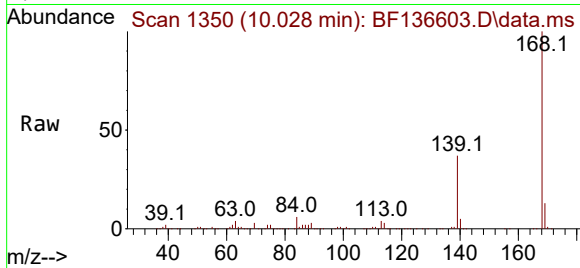




#55
Dibenzofuran
Concen: 20.118 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

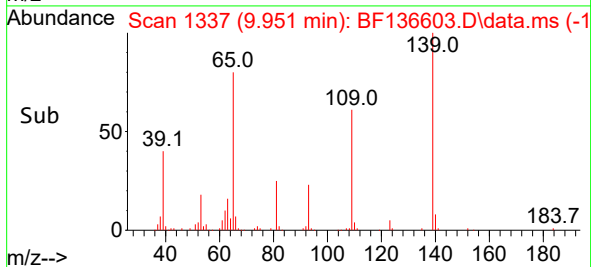
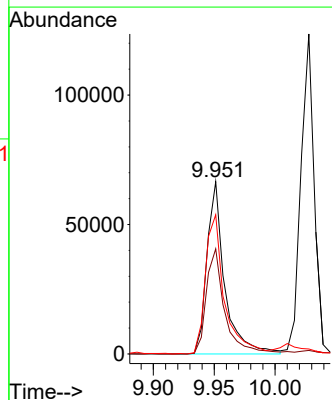
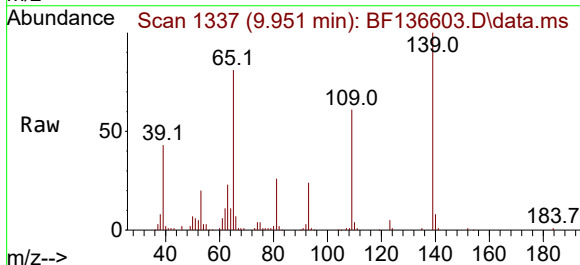
Instrument :
BNA_F
ClientSampleId :
600572408-MS

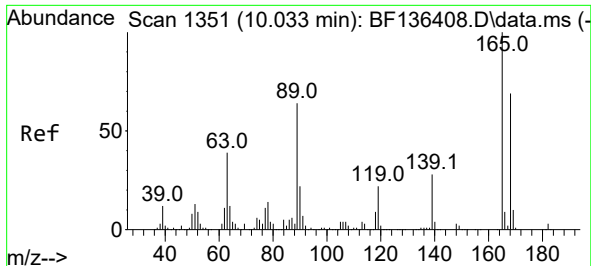
Tgt Ion:168 Resp: 252522
Ion Ratio Lower Upper
168 100
139 37.1 30.4 45.6
169 12.9 9.9 14.9



#56
4-Nitrophenol
Concen: 37.313 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion:139 Resp: 67238
Ion Ratio Lower Upper
139 100
109 60.9 50.6 90.6
65 80.8 73.1 113.1

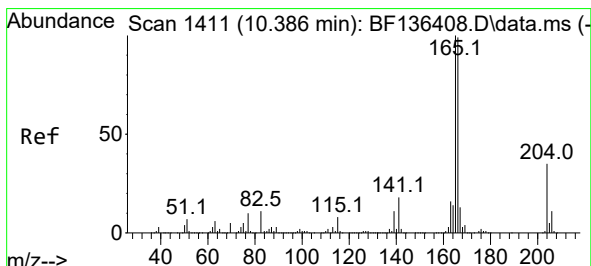
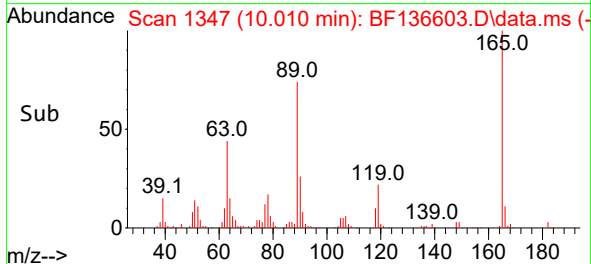
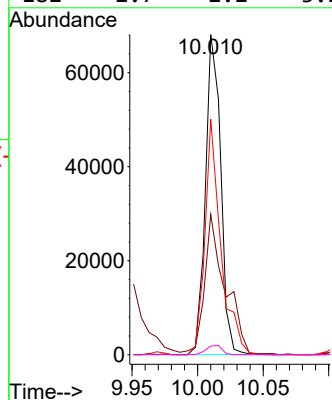
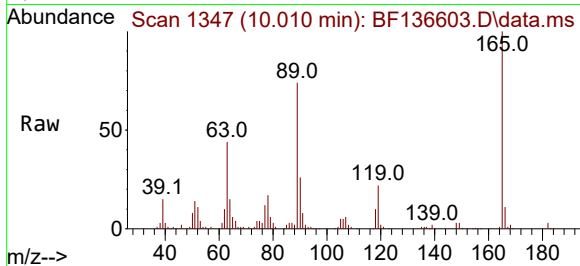




#57
2,4-Dinitrotoluene
Concen: 17.810 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

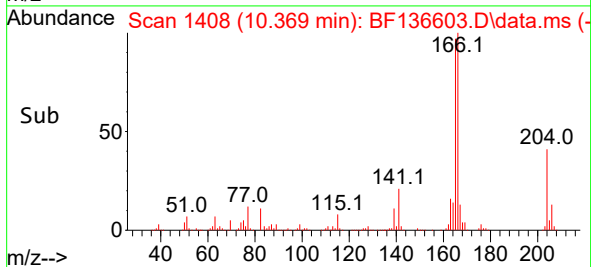
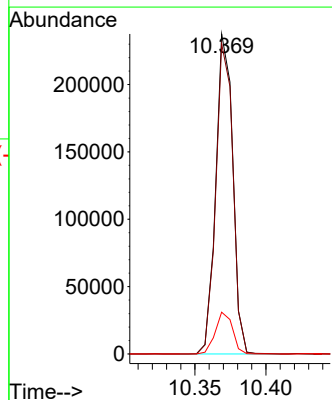
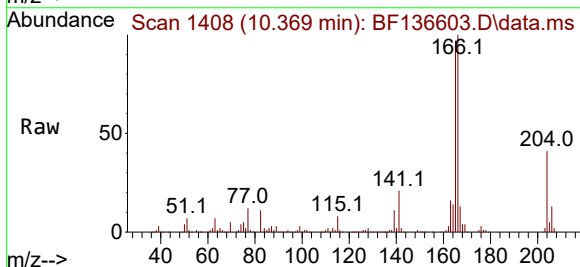
Instrument :
BNA_F
ClientSampleId :
600572408-MS

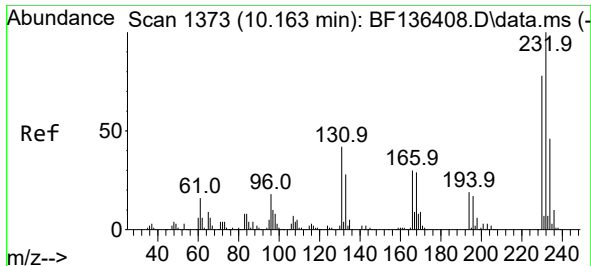
Tgt Ion:165 Resp: 55460
Ion Ratio Lower Upper
165 100
63 43.9 31.4 47.2
89 73.5 51.7 77.5
182 2.7 2.2 3.2



#58
Fluorene
Concen: 19.616 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion:166 Resp: 197645
Ion Ratio Lower Upper
166 100
165 97.0 80.5 120.7
167 13.1 10.5 15.7

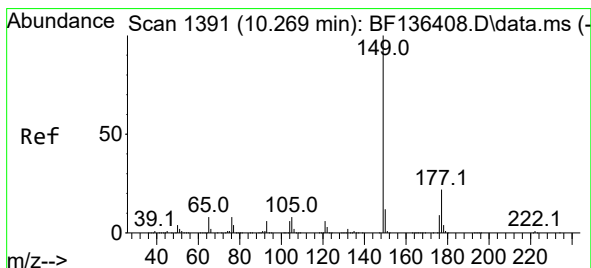
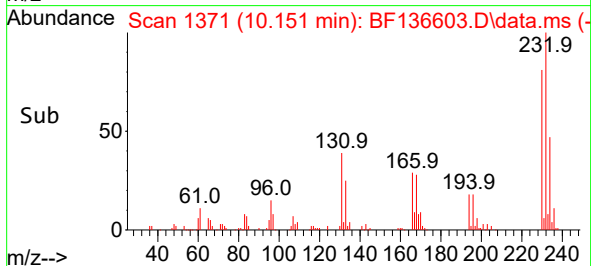
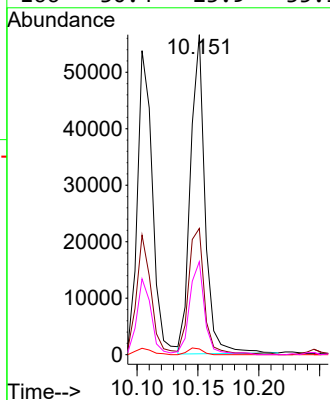
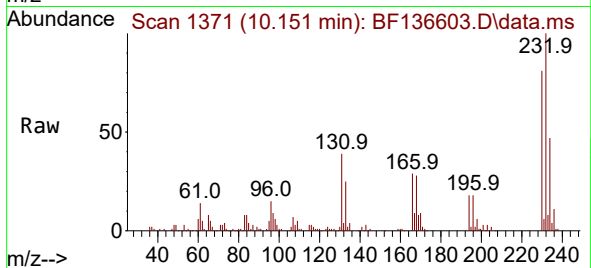




#59
2,3,4,6-Tetrachlorophenol
Concen: 18.277 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

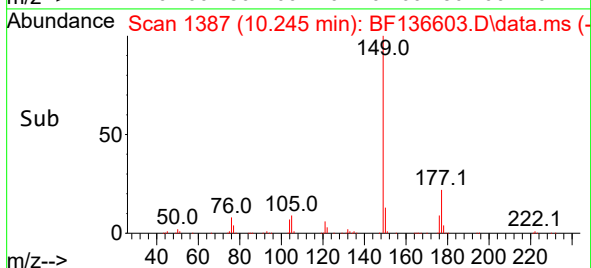
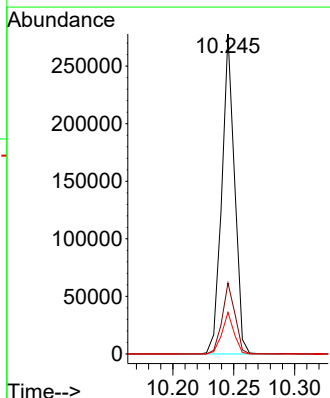
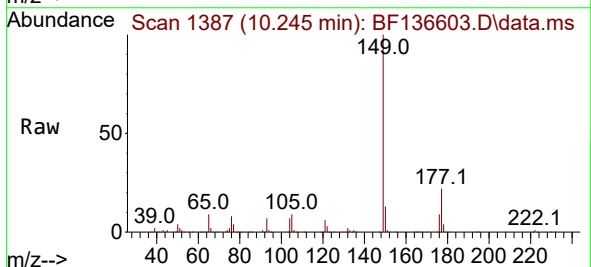
Instrument :
BNA_F
ClientSampleId :
600572408-MS

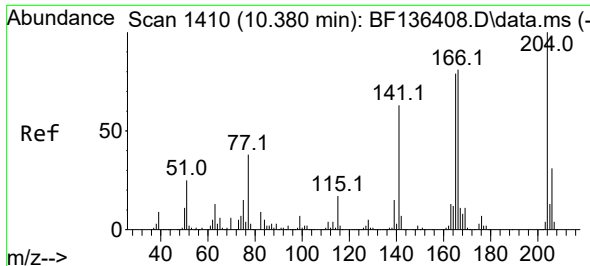
Tgt Ion:232 Resp: 47043
Ion Ratio Lower Upper
232 100
131 43.5 34.3 51.5
130 2.1 1.6 2.4
166 30.4 23.9 35.9



#60
Diethylphthalate
Concen: 19.679 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion:149 Resp: 202475
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.8
150 13.0 9.4 14.0

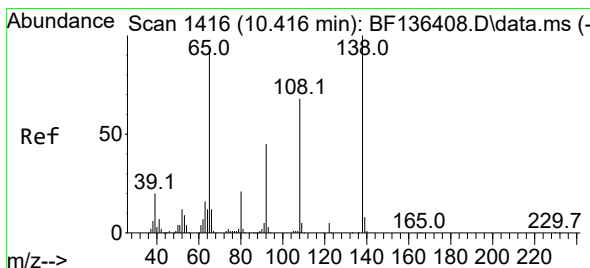
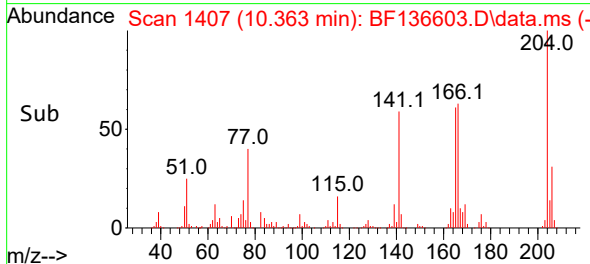
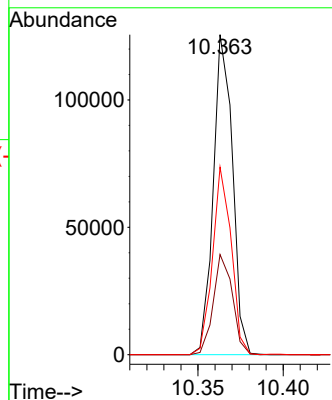
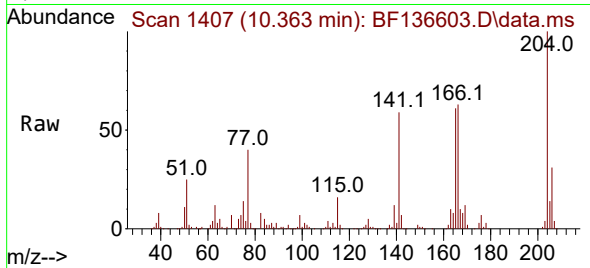




#61
4-Chlorophenyl-phenylether
Concen: 20.076 ng
RT: 10.363 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

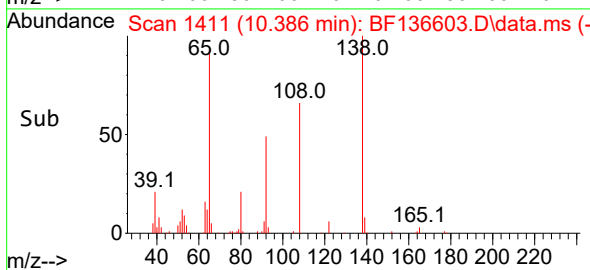
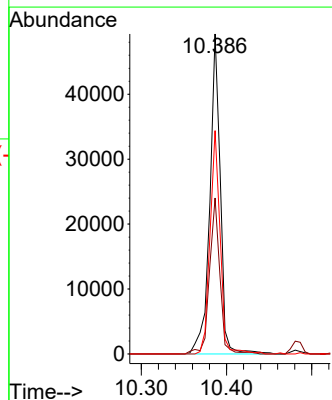
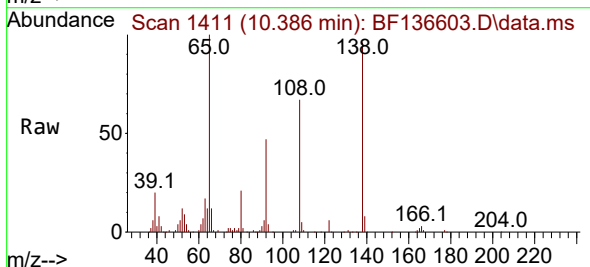
Instrument :
BNA_F
ClientSampleId :
600572408-MS

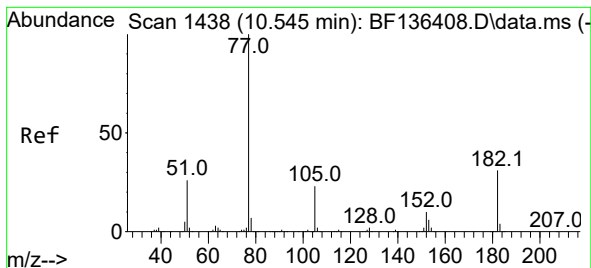
Tgt Ion:204 Resp: 98609
Ion Ratio Lower Upper
204 100
206 31.3 24.6 36.8
141 58.6 50.3 75.5



#62
4-Nitroaniline
Concen: 17.746 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion:138 Resp: 42357
Ion Ratio Lower Upper
138 100
92 48.8 25.0 65.0
108 69.8 47.9 87.9





#63

Azobenzene

Concen: 18.221 ng

RT: 10.528 min Scan# 1435

Delta R.T. 0.000 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

Instrument :

BNA_F

ClientSampleId :

600572408-MS

Tgt Ion: 77 Resp: 170638

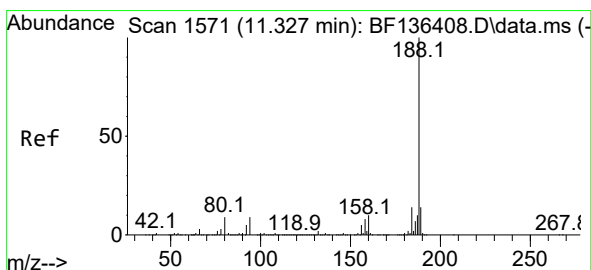
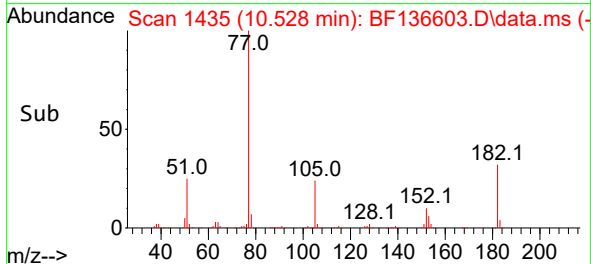
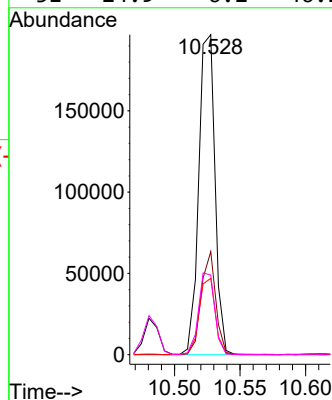
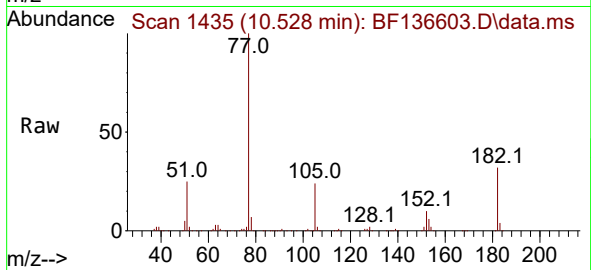
Ion Ratio Lower Upper

77 100

182 32.2 10.8 50.8

105 23.9 2.6 42.6

51 24.9 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: BF136603.D

Acq: 15 Dec 2023 20:38

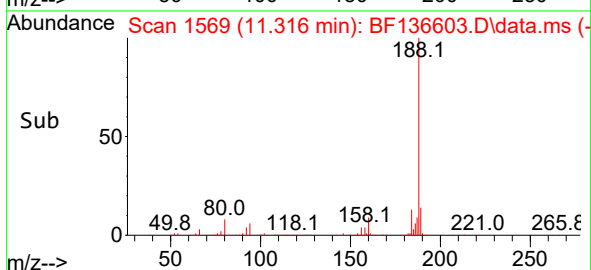
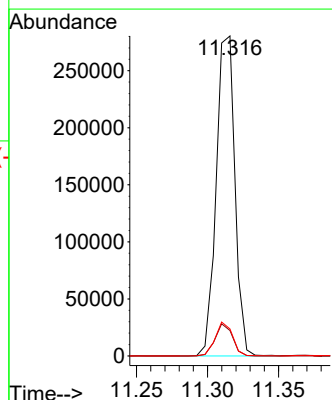
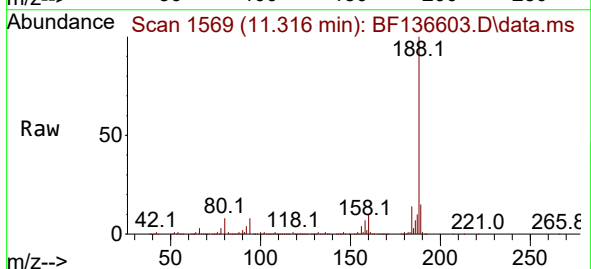
Tgt Ion: 188 Resp: 256969

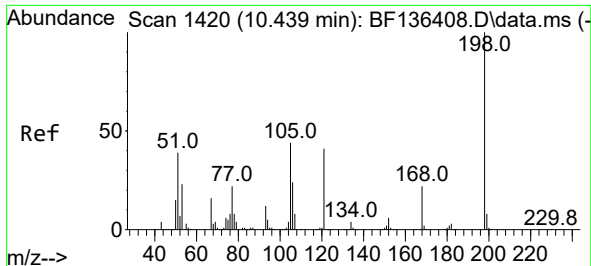
Ion Ratio Lower Upper

188 100

94 7.9 7.2 10.8

80 8.4 7.2 10.8

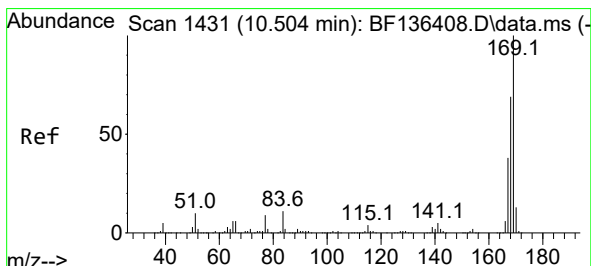
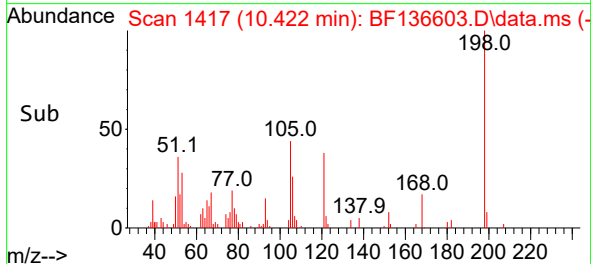
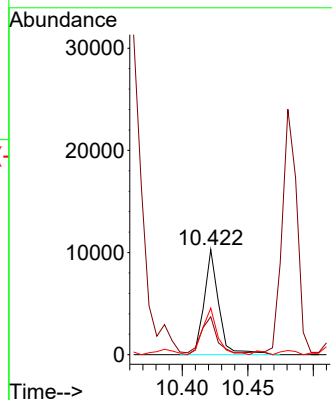
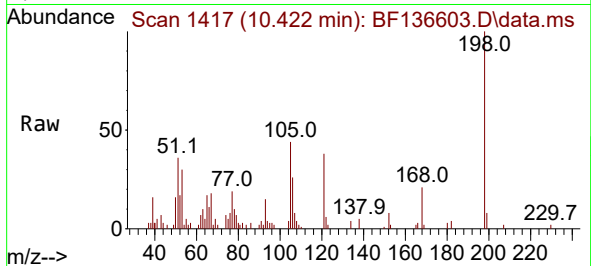




#65
4,6-Dinitro-2-methylphenol
Concen: 5.046 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

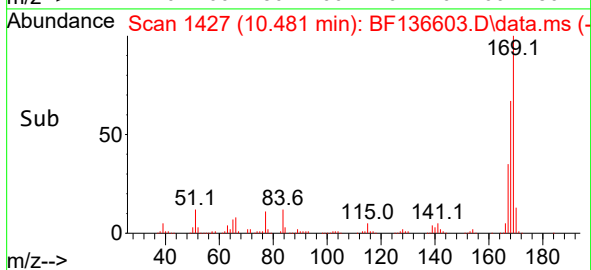
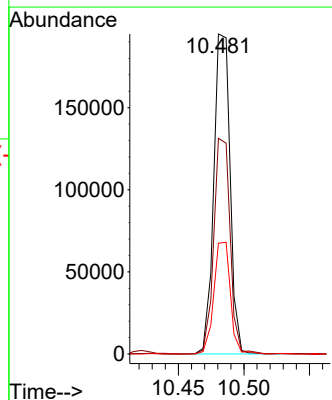
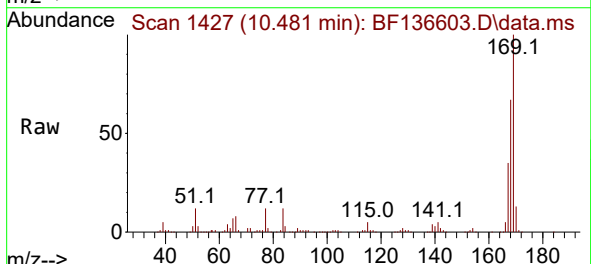
Instrument :
BNA_F
ClientSampleId :
600572408-MS

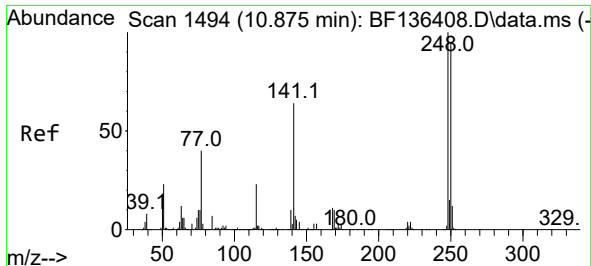
Tgt Ion:198 Resp: 8030
Ion Ratio Lower Upper
198 100
51 36.1 24.1 64.1
105 44.3 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 20.505 ng
RT: 10.481 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion:169 Resp: 169074
Ion Ratio Lower Upper
169 100
168 67.4 55.3 82.9
167 34.6 30.1 45.1

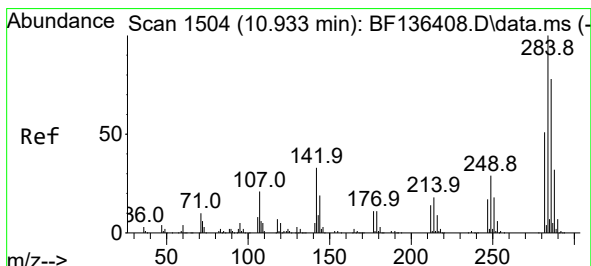
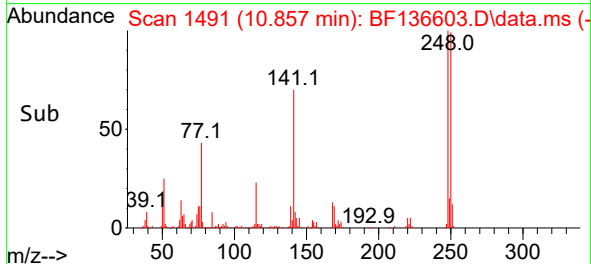
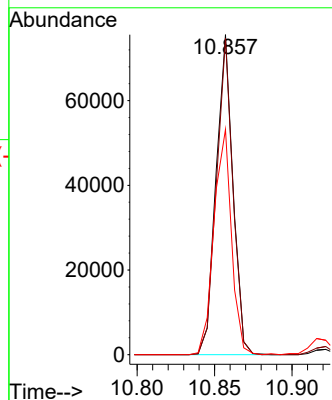
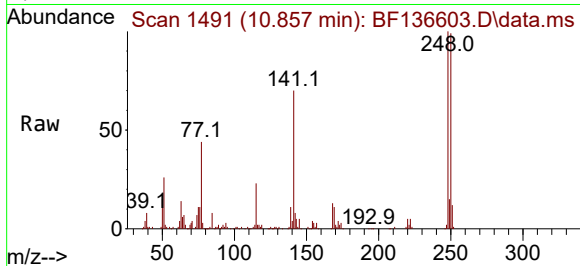




#67
4-Bromophenyl-phenylether
Concen: 19.142 ng
RT: 10.857 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

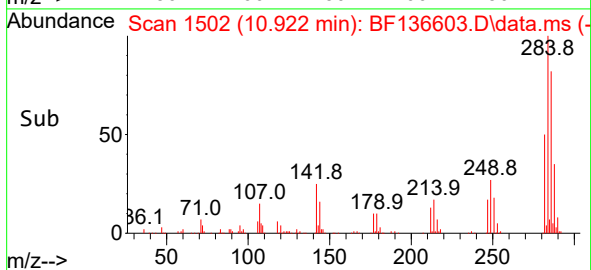
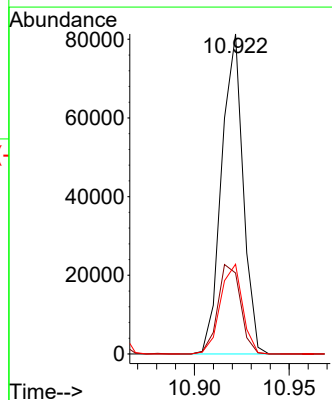
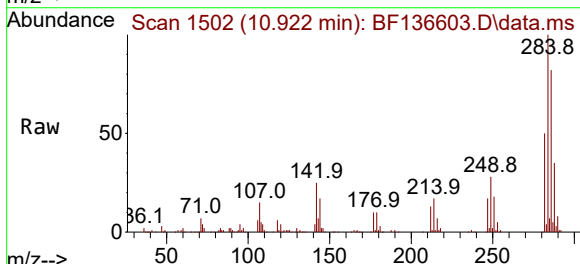
Instrument :
BNA_F
ClientSampleId :
600572408-MS

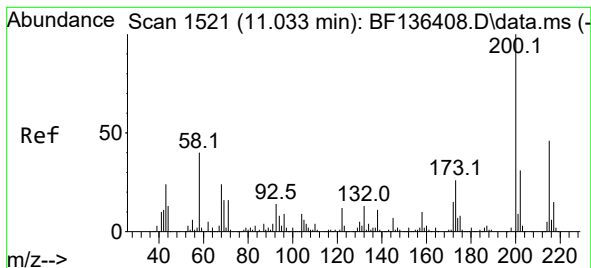
Tgt Ion:248 Resp: 57190
Ion Ratio Lower Upper
248 100
250 99.0 76.2 114.2
141 70.4 51.0 76.4



#68
Hexachlorobenzene
Concen: 18.580 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion:284 Resp: 64158
Ion Ratio Lower Upper
284 100
142 25.3 26.5 39.7#
249 28.0 23.4 35.0





#69

Atrazine

Concen: 25.165 ng

RT: 11.016 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

Instrument :

BNA_F

ClientSampleId :

600572408-MS

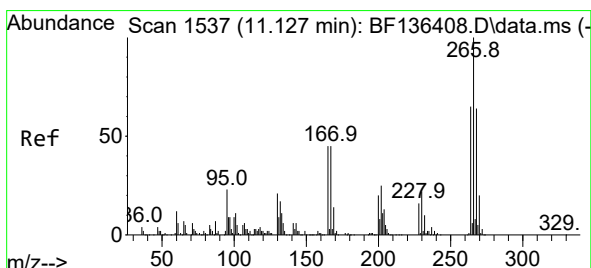
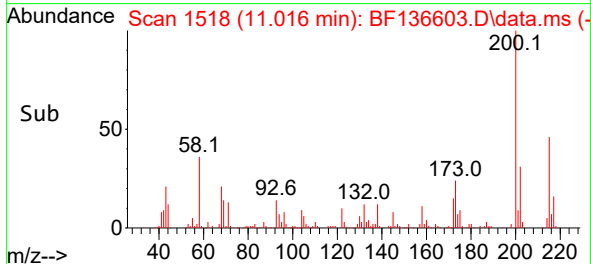
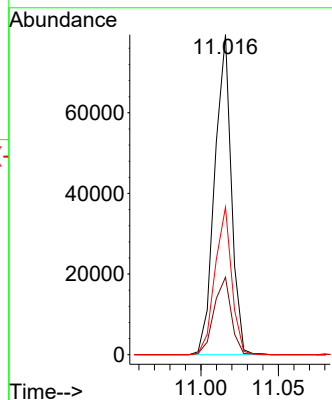
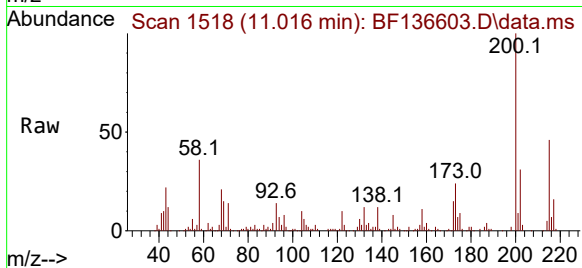
Tgt Ion:200 Resp: 59223

Ion Ratio Lower Upper

200 100

173 24.2 6.0 46.0

215 46.1 25.5 65.5



#70

Pentachlorophenol

Concen: 33.607 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

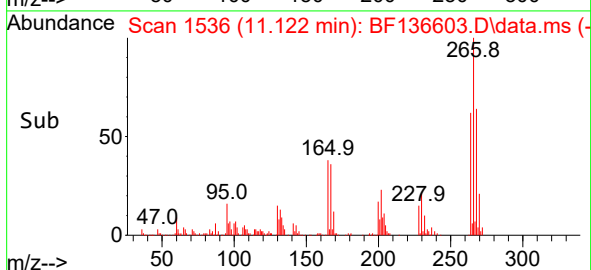
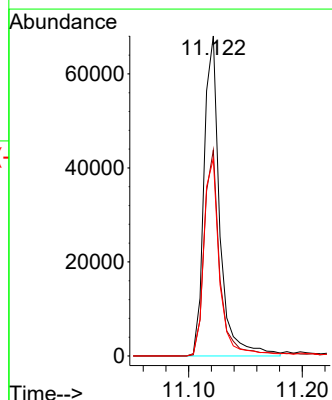
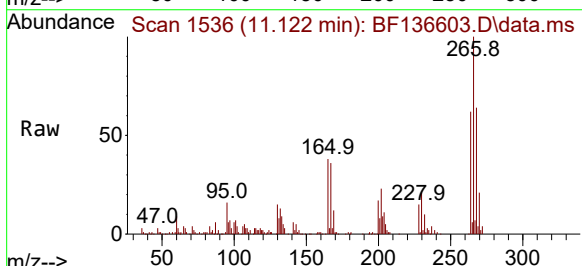
Tgt Ion:266 Resp: 65495

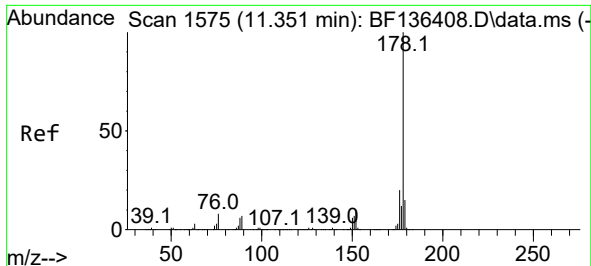
Ion Ratio Lower Upper

266 100

268 64.3 51.0 76.6

264 61.6 52.2 78.4

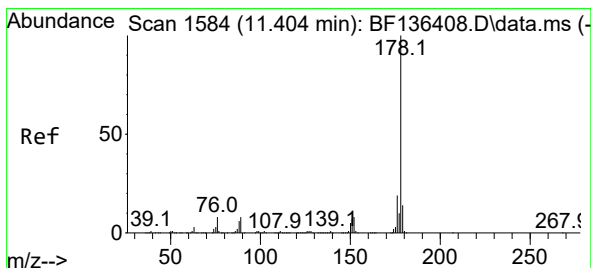
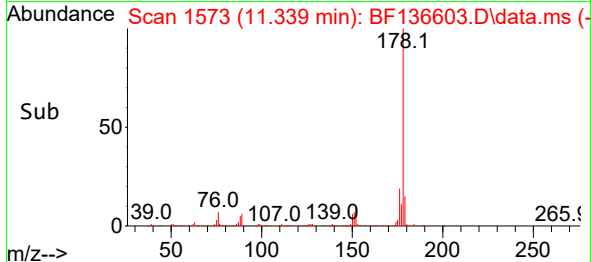
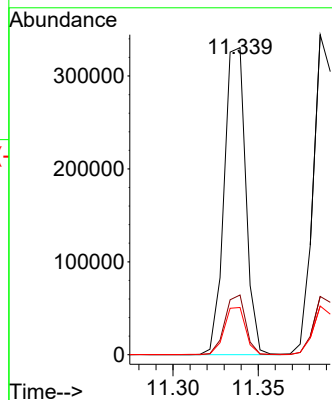
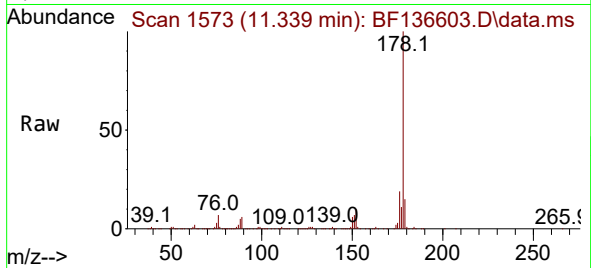




#71
Phenanthrene
Concen: 20.652 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

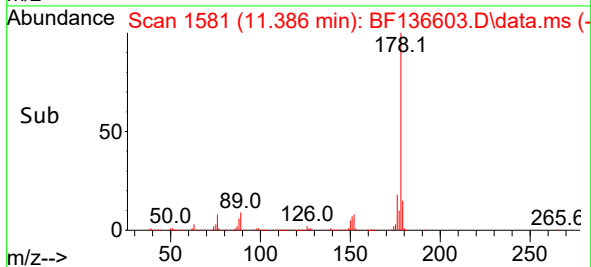
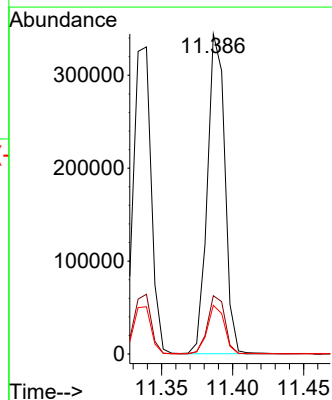
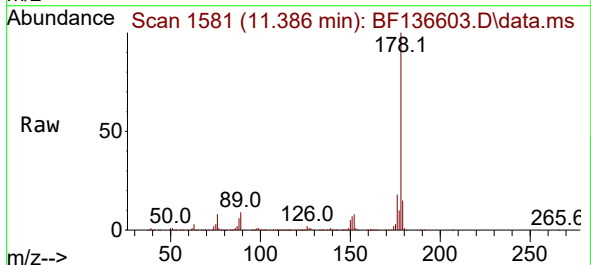
Instrument :
BNA_F
ClientSampleId :
600572408-MS

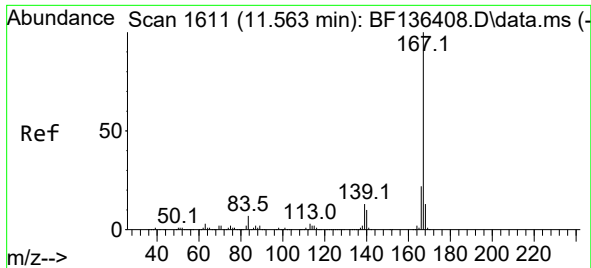
Tgt Ion:178 Resp: 291699
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.4 11.8 17.6



#72
Anthracene
Concen: 20.778 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion:178 Resp: 295594
Ion Ratio Lower Upper
178 100
176 18.2 15.3 22.9
179 15.2 11.4 17.0

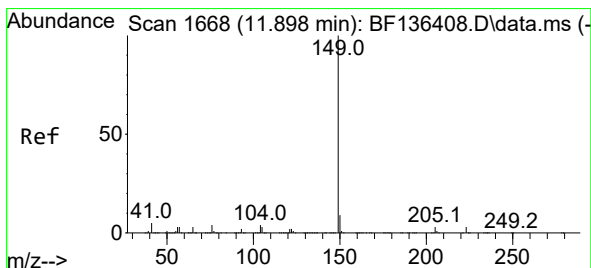
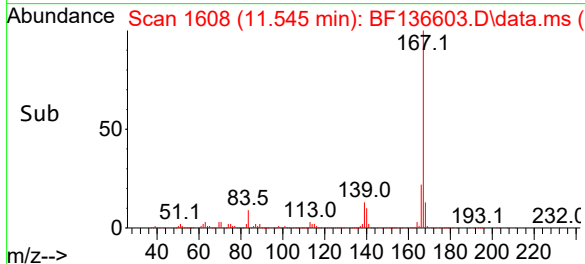
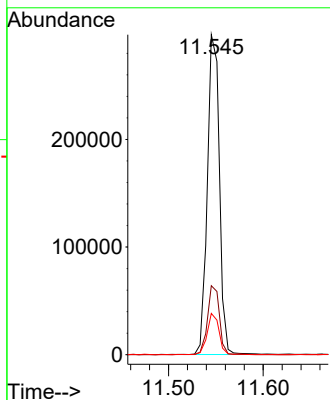
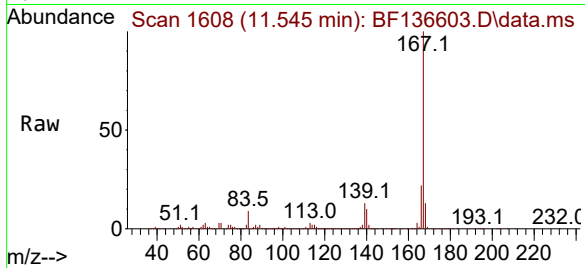




#73
 Carbazole
 Concen: 20.809 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. -0.006 min
 Lab File: BF136603.D
 Acq: 15 Dec 2023 20:38

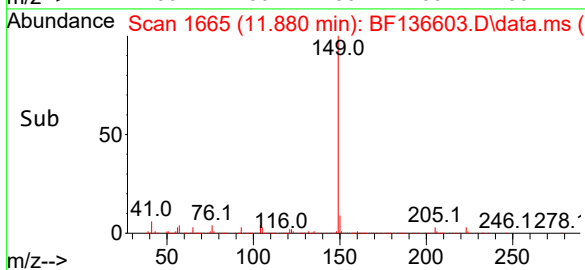
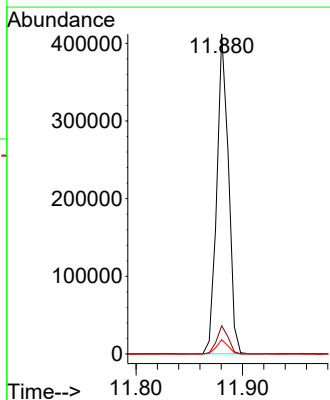
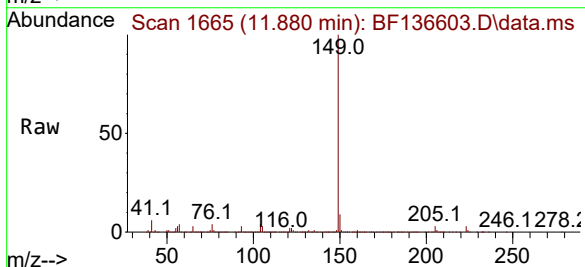
Instrument :
 BNA_F
 ClientSampleId :
 600572408-MS

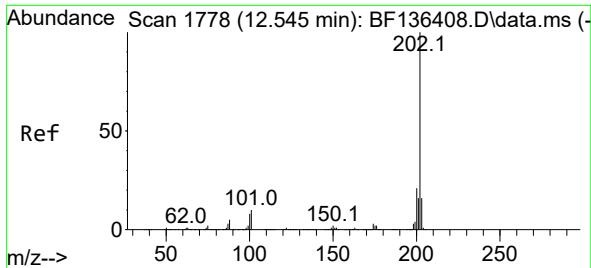
Tgt Ion:167 Resp: 262015
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.0 27.0
 139 12.9 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 20.259 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136603.D
 Acq: 15 Dec 2023 20:38

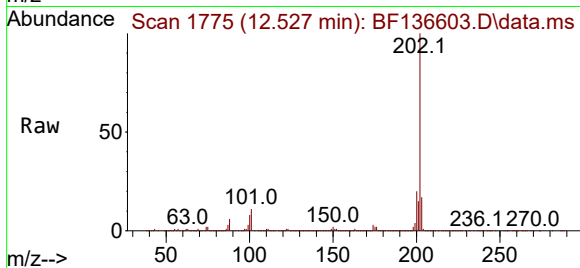
Tgt Ion:149 Resp: 312705
 Ion Ratio Lower Upper
 149 100
 150 8.8 6.9 10.3
 104 4.4 3.5 5.3



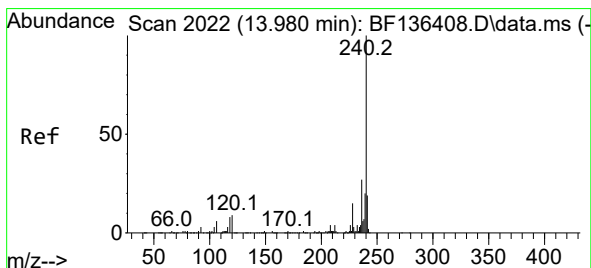
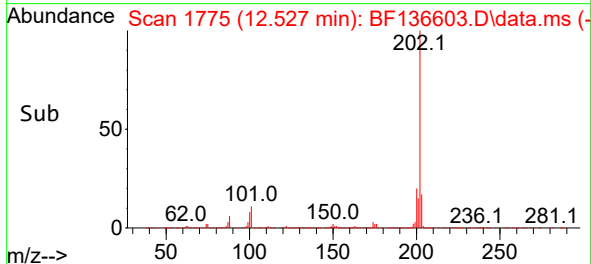
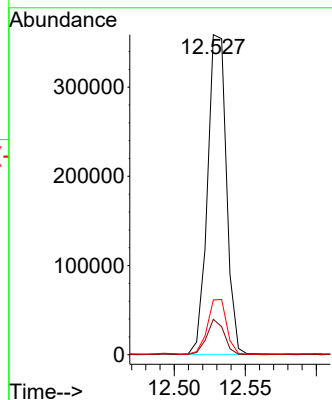


#75
Fluoranthene
Concen: 22.524 ng
RT: 12.527 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Instrument :
BNA_F
ClientSampleId :
600572408-MS

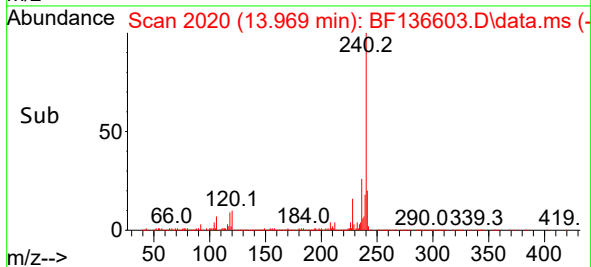
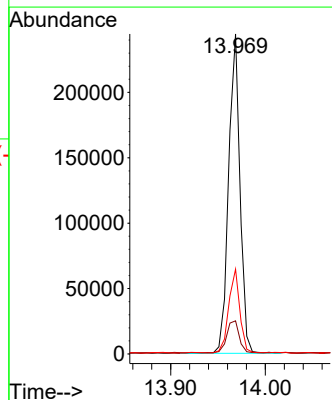
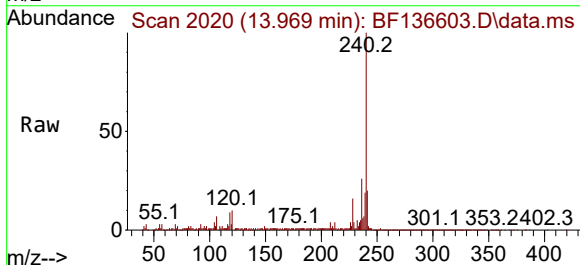


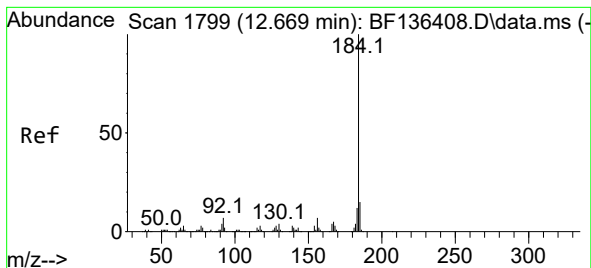
Tgt Ion:202 Resp: 333392
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.9
203 17.1 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion:240 Resp: 203549
Ion Ratio Lower Upper
240 100
120 10.4 7.3 10.9
236 26.5 21.3 31.9





#77

Benzidine

Concen: 32.233 ng

RT: 12.657 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

Instrument :

BNA_F

ClientSampleId :

600572408-MS

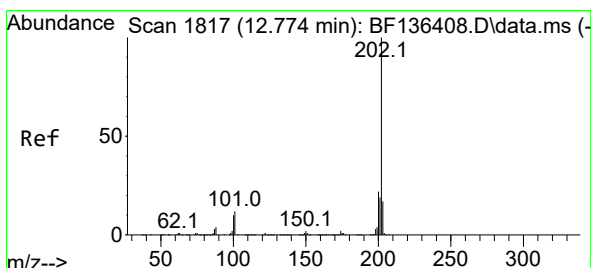
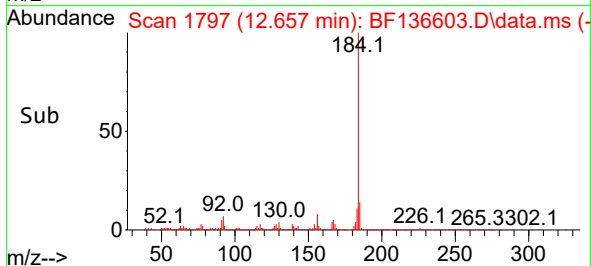
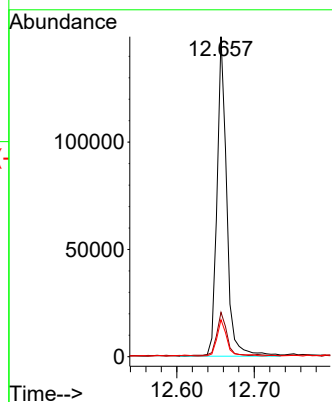
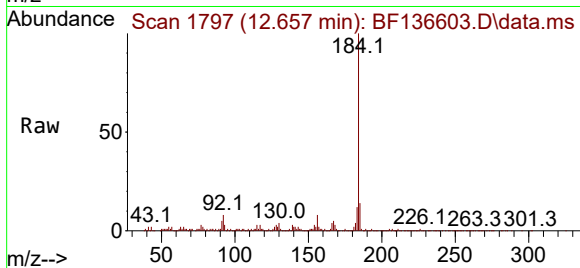
Tgt Ion:184 Resp: 130310

Ion Ratio Lower Upper

184 100

185 13.8 12.0 18.0

183 11.6 9.4 14.0



#78

Pyrene

Concen: 17.437 ng

RT: 12.763 min Scan# 1815

Delta R.T. 0.000 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

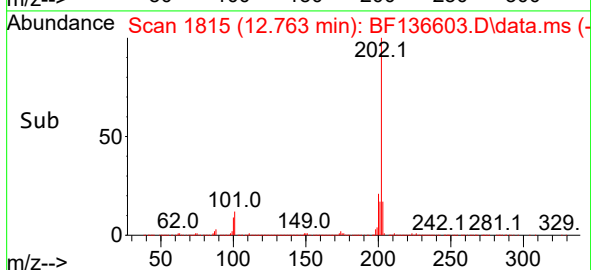
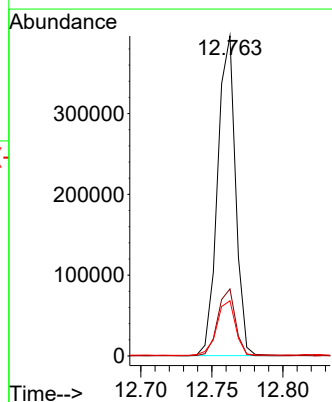
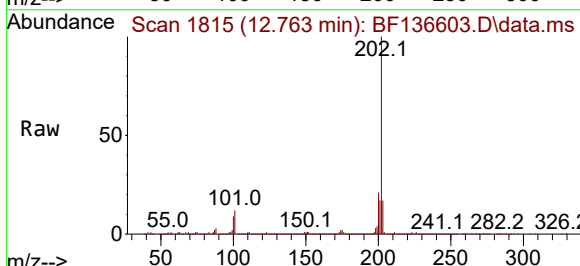
Tgt Ion:202 Resp: 347608

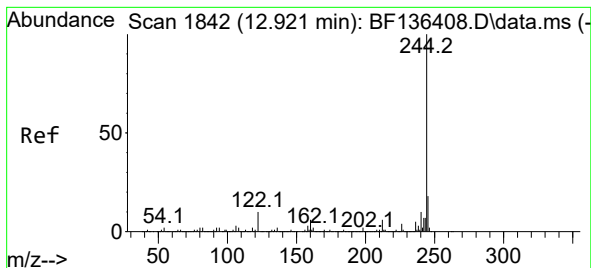
Ion Ratio Lower Upper

202 100

200 21.0 18.0 27.0

203 17.2 13.5 20.3





#79

Terphenyl-d14

Concen: 23.743 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

Instrument :

BNA_F

ClientSampleId :

600572408-MS

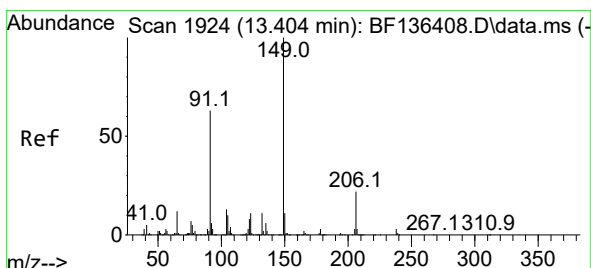
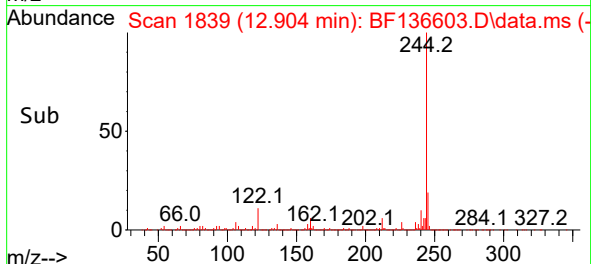
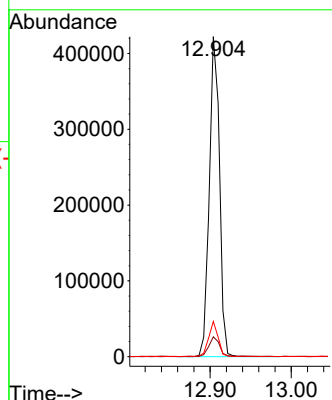
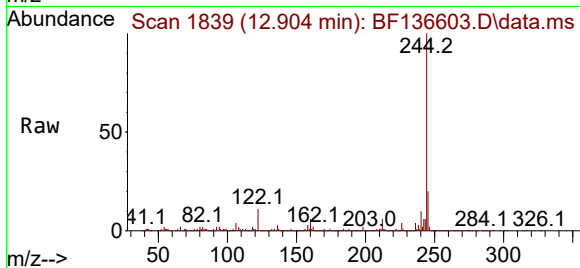
Tgt Ion:244 Resp: 366674

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 11.0 8.3 12.5



#80

Butylbenzylphthalate

Concen: 19.854 ng

RT: 13.386 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

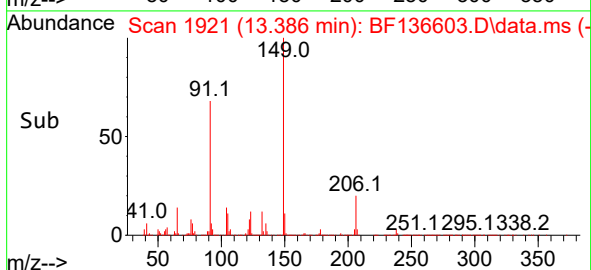
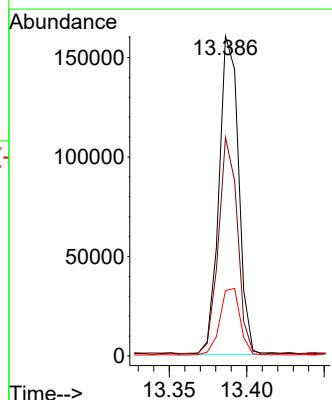
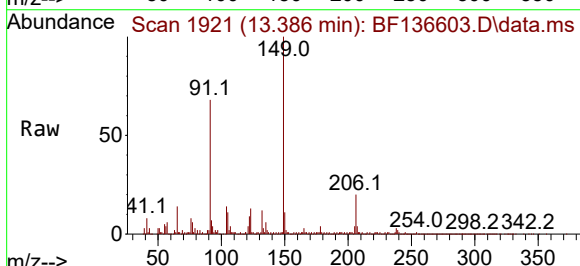
Tgt Ion:149 Resp: 140894

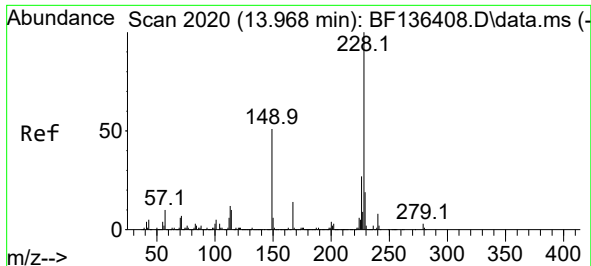
Ion Ratio Lower Upper

149 100

91 68.3 50.5 75.7

206 20.5 17.4 26.2

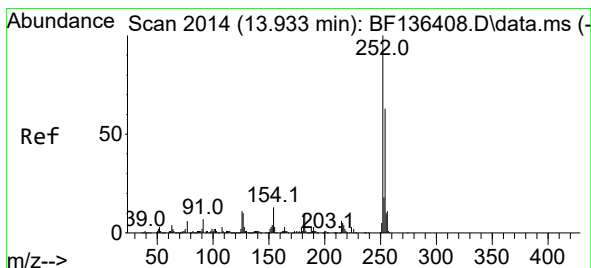
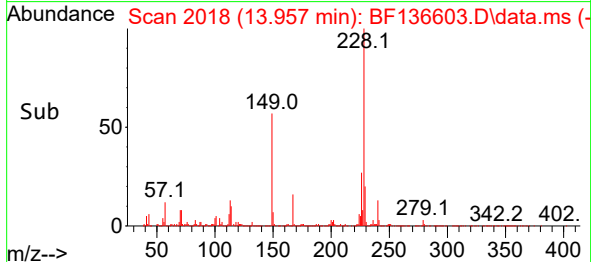
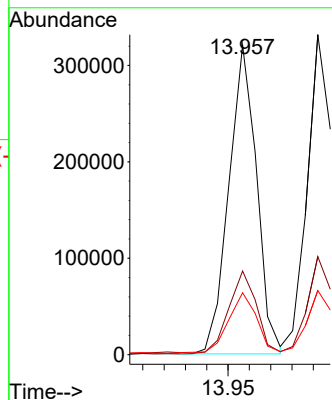
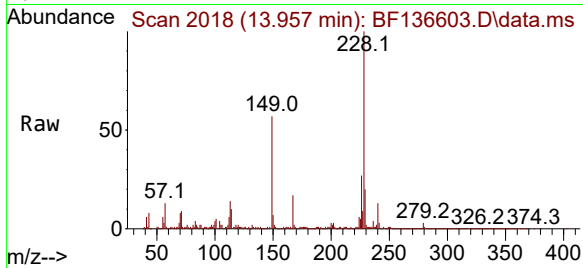




#81
Benzo(a)anthracene
Concen: 20.482 ng
RT: 13.957 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

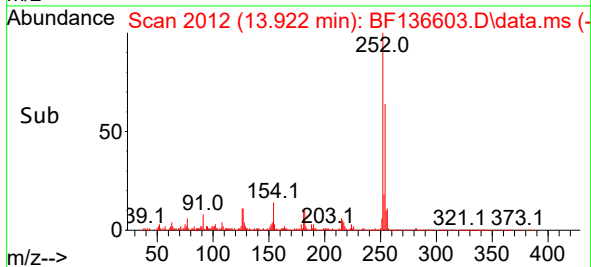
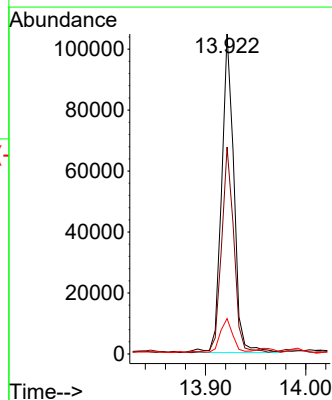
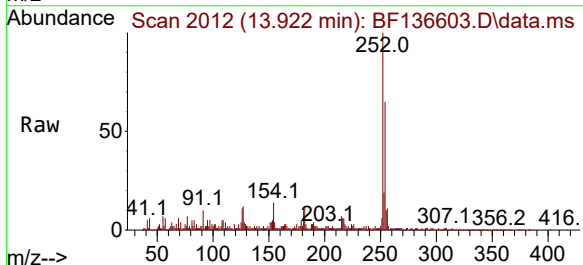
Instrument :
BNA_F
ClientSampleId :
600572408-MS

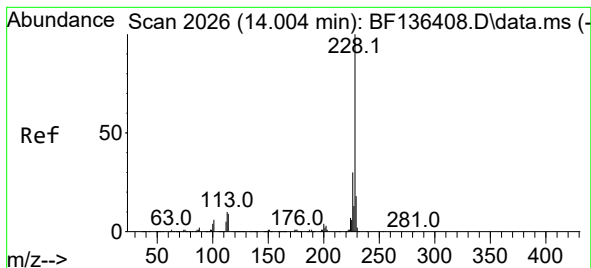
Tgt Ion:228 Resp: 290410
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 20.0 15.0 22.4



#82
3,3'-Dichlorobenzidine
Concen: 22.307 ng
RT: 13.922 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion:252 Resp: 88680
Ion Ratio Lower Upper
252 100
254 64.7 50.8 76.2
126 11.0 8.6 12.8





#83

Chrysene

Concen: 19.456 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

Instrument :

BNA_F

ClientSampleId :

600572408-MS

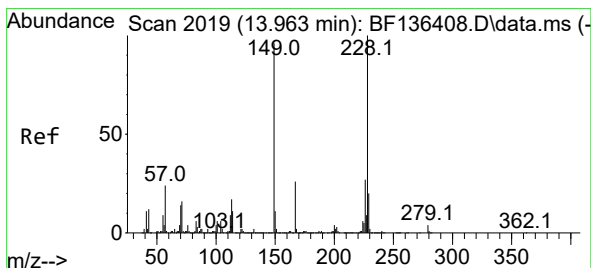
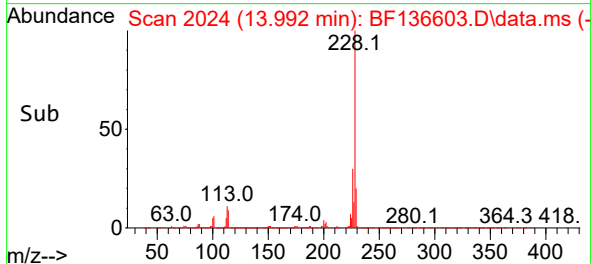
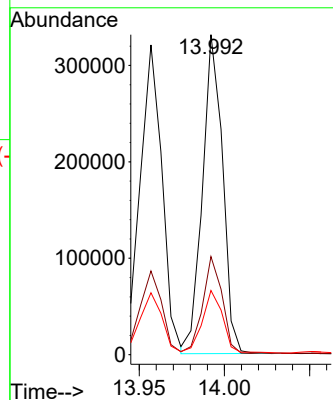
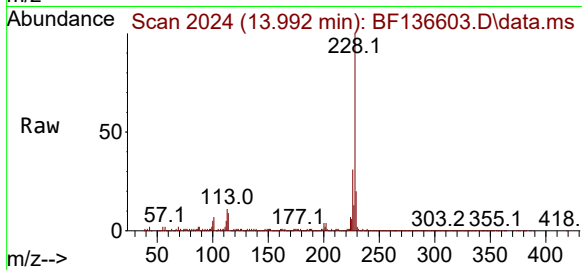
Tgt Ion:228 Resp: 271407

Ion Ratio Lower Upper

228 100

226 30.7 23.8 35.6

229 20.0 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 22.506 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

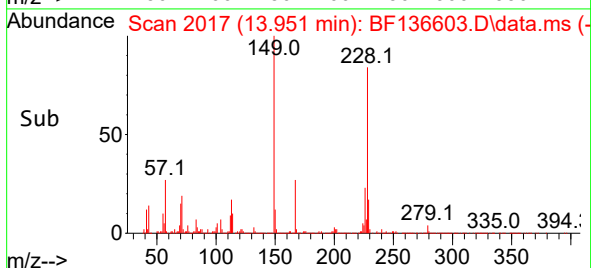
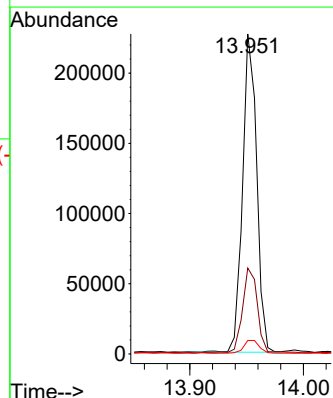
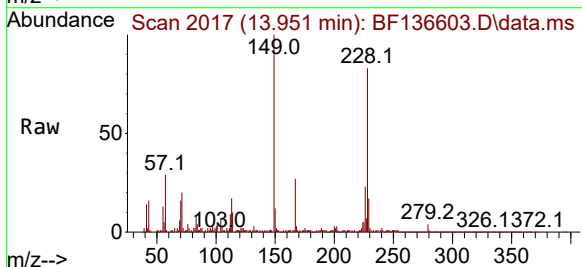
Tgt Ion:149 Resp: 195792

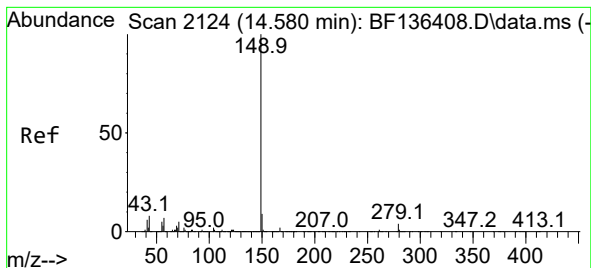
Ion Ratio Lower Upper

149 100

167 26.9 21.2 31.8

279 4.2 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 25.614 ng

RT: 14.569 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

Instrument :

BNA_F

ClientSampleId :

600572408-MS

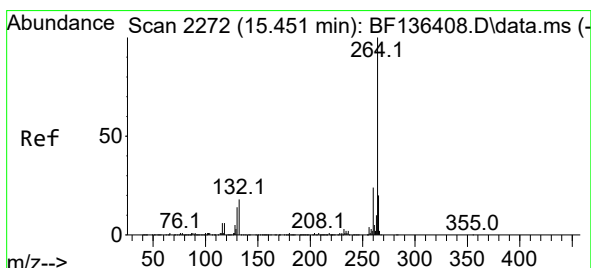
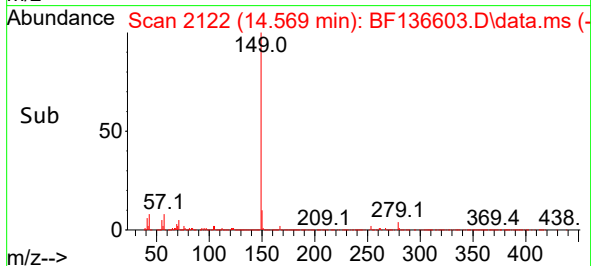
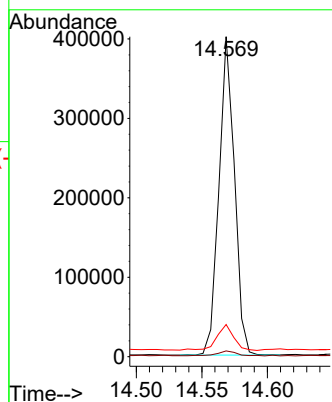
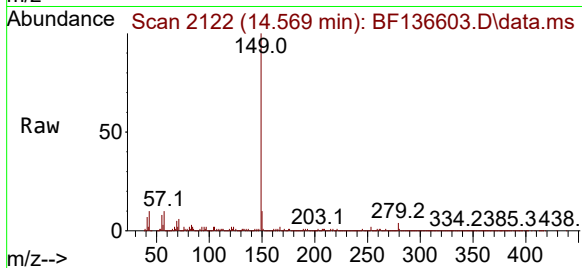
Tgt Ion:149 Resp: 329143

Ion Ratio Lower Upper

149 100

167 2.0 1.3 1.9#

43 8.9 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: BF136603.D

Acq: 15 Dec 2023 20:38

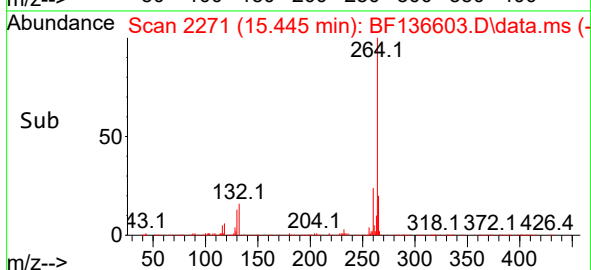
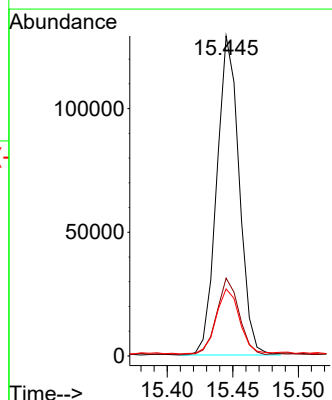
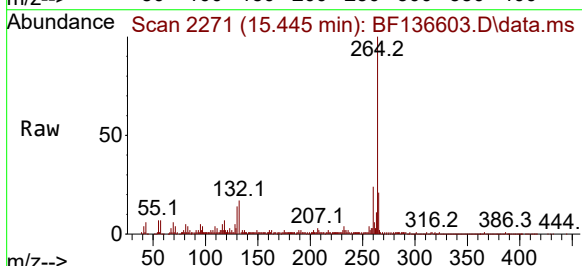
Tgt Ion:264 Resp: 153125

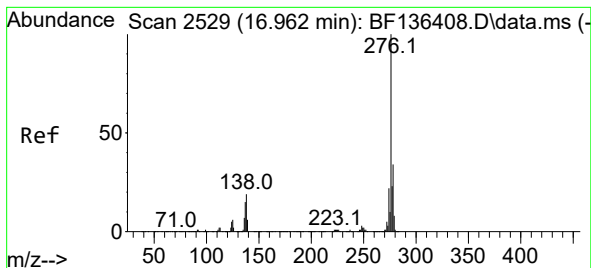
Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 20.9 15.9 23.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 17.516 ng

RT: 16.945 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

Instrument :

BNA_F

ClientSampleId :

600572408-MS

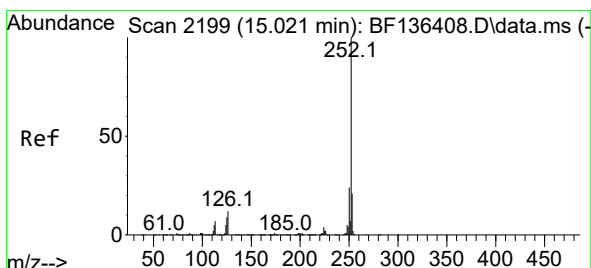
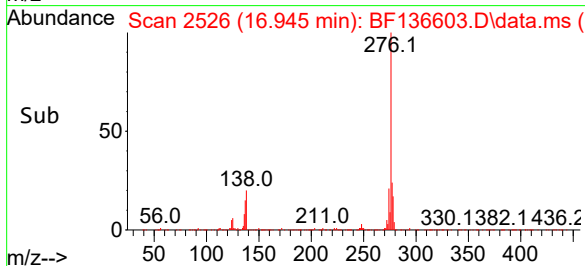
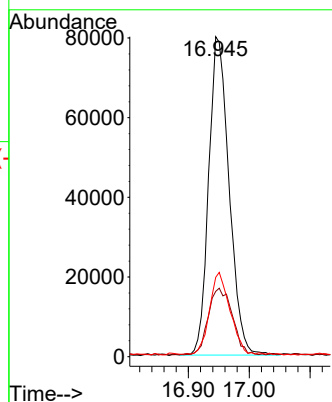
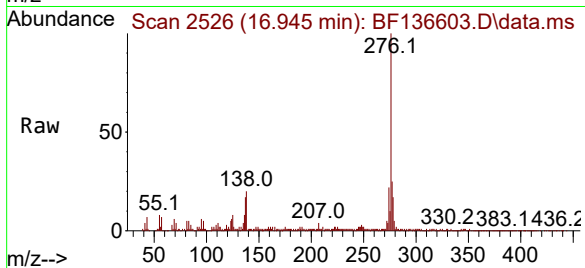
Tgt Ion:276 Resp: 186336

Ion Ratio Lower Upper

276 100

138 24.7 19.0 28.4

277 25.4 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 21.098 ng

RT: 15.010 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

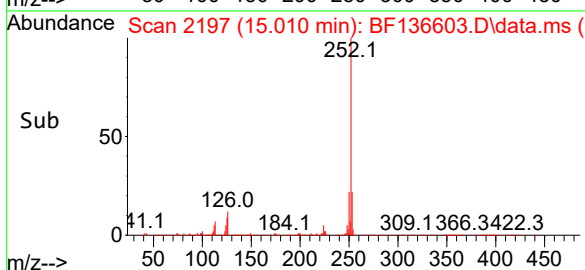
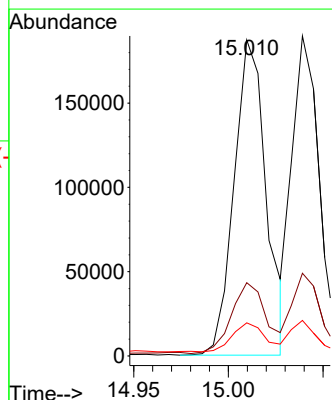
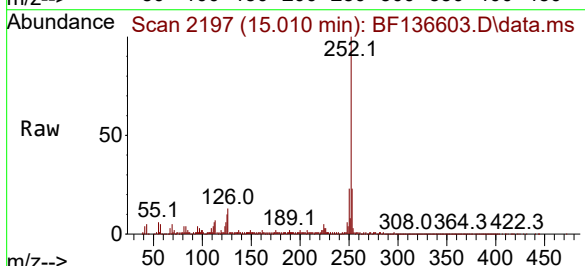
Tgt Ion:252 Resp: 220882

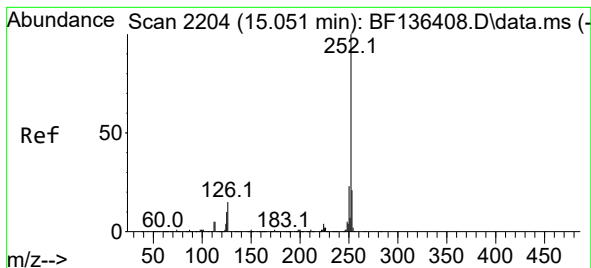
Ion Ratio Lower Upper

252 100

253 23.2 16.9 25.3

125 10.5 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 22.387 ng

RT: 15.010 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

Instrument :

BNA_F

ClientSampleId :

600572408-MS

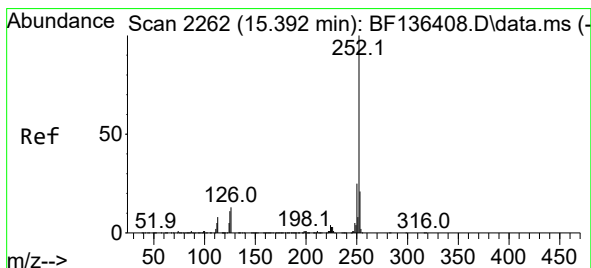
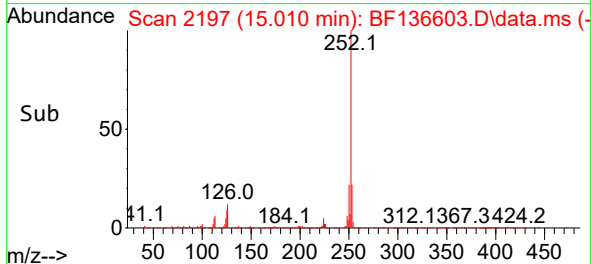
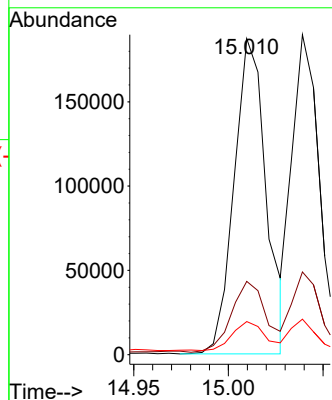
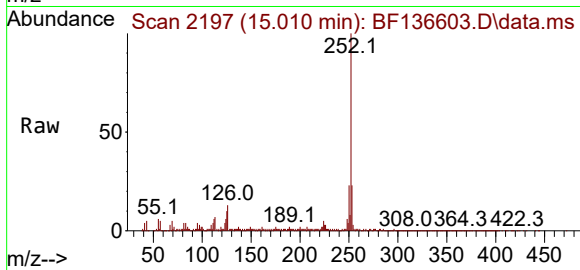
Tgt Ion:252 Resp: 220882

Ion Ratio Lower Upper

252 100

253 23.2 16.9 25.3

125 10.5 7.5 11.3



#90

Benzo(a)pyrene

Concen: 19.540 ng

RT: 15.380 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF136603.D

Acq: 15 Dec 2023 20:38

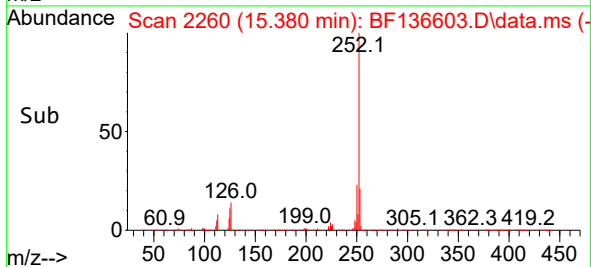
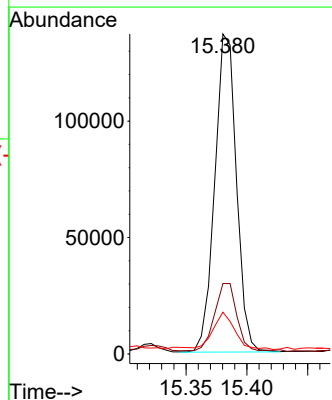
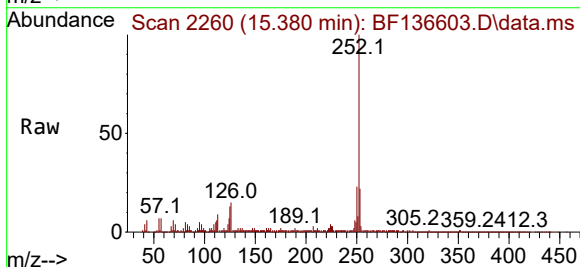
Tgt Ion:252 Resp: 168947

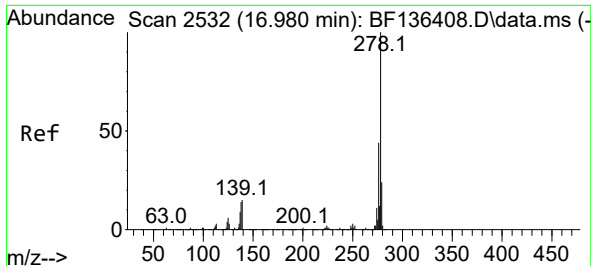
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

125 13.1 8.6 13.0#

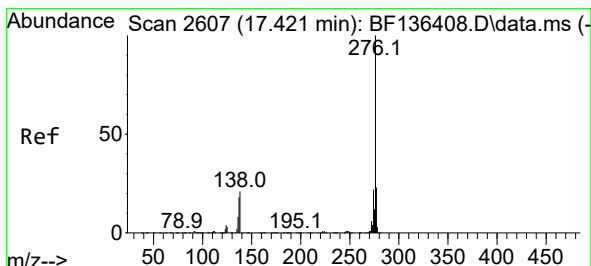
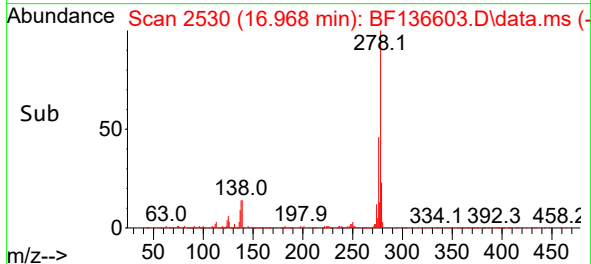
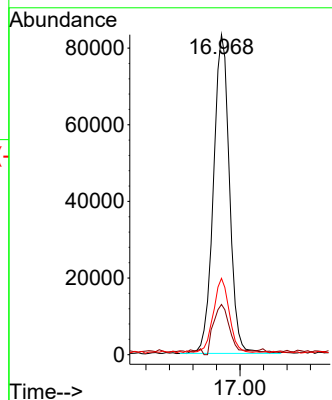
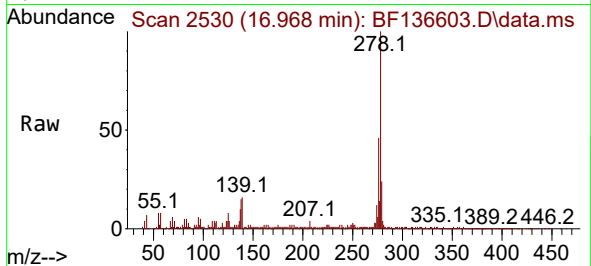




#91
Dibenzo(a,h)anthracene
Concen: 18.062 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Instrument :
BNA_F
ClientSampleId :
600572408-MS

Tgt Ion:278 Resp: 157408
Ion Ratio Lower Upper
278 100
139 15.7 12.2 18.4
279 23.8 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 16.297 ng
RT: 17.404 min Scan# 2604
Delta R.T. 0.000 min
Lab File: BF136603.D
Acq: 15 Dec 2023 20:38

Tgt Ion:276 Resp: 145778
Ion Ratio Lower Upper
276 100
277 24.0 18.7 28.1
138 20.6 16.6 25.0

