

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
 Data File : BF136649.D
 Acq On : 20 Dec 2023 15:50
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122023

Quant Time: Dec 21 01:58:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	72443	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	283460	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	150849	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	291124	20.000	ng	0.00
76) Chrysene-d12	13.974	240	157872	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	144344	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	371020	79.911	ng	0.00
7) Phenol-d6	6.439	99	474903	78.938	ng	0.00
23) Nitrobenzene-d5	7.357	82	443090	79.988	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	146122	82.249	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	891102	79.452	ng	0.00
79) Terphenyl-d14	12.915	244	931933	82.494	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	75679	39.120	ng	99
3) Pyridine	3.304	79	192346	40.751	ng	98
4) n-Nitrosodimethylamine	3.275	42	103238	40.958	ng	99
6) Aniline	6.463	93	237526	39.489	ng	99
8) 2-Chlorophenol	6.581	128	201634	39.685	ng	99
9) Benzaldehyde	6.351	77	133973	39.151	ng	98
10) Phenol	6.451	94	252911	39.380	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	192369	39.387	ng	99
12) 1,3-Dichlorobenzene	6.734	146	218386	39.400	ng	99
13) 1,4-Dichlorobenzene	6.810	146	224815	39.696	ng	99
14) 1,2-Dichlorobenzene	6.963	146	209645	39.781	ng	99
15) Benzyl Alcohol	6.939	79	164446	40.517	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	315781	39.546	ng	99
17) 2-Methylphenol	7.051	107	168868	40.119	ng	99
18) Hexachloroethane	7.298	117	81757	39.750	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	146436	40.153	ng	98
20) 3+4-Methylphenols	7.204	107	204405	38.871	ng	97
22) Acetophenone	7.204	105	281725	39.652	ng	98
24) Nitrobenzene	7.375	77	226894	40.889	ng	100
25) Isophorone	7.616	82	411454	40.820	ng	99
26) 2-Nitrophenol	7.692	139	109679	41.312	ng	97
27) 2,4-Dimethylphenol	7.728	122	132922	41.124	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	248997	40.640	ng	100
29) 2,4-Dichlorophenol	7.933	162	168107	40.399	ng	96
30) 1,2,4-Trichlorobenzene	8.010	180	187486	40.438	ng	98
31) Naphthalene	8.092	128	624284	40.089	ng	100
32) Benzoic acid	7.863	122	104457	33.401	ng	98
33) 4-Chloroaniline	8.145	127	229993	40.001	ng	98
34) Hexachlorobutadiene	8.204	225	113635	40.341	ng	97
35) Caprolactam	8.528	113	57076	41.578	ng	98
36) 4-Chloro-3-methylphenol	8.633	107	192301	41.050	ng	97
37) 2-Methylnaphthalene	8.786	142	406235	40.534	ng	100
38) 1-Methylnaphthalene	8.880	142	393228	39.993	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	188876	40.430	ng	99
41) Hexachlorocyclopentadiene	8.933	237	53986	38.922	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	122206	40.789	ng	98

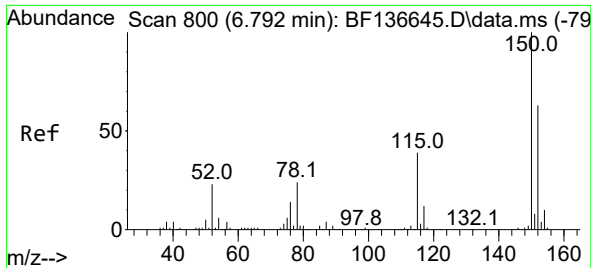
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 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	139564	41.802	ng	99
46) 1,1'-Biphenyl	9.251	154	513263	40.547	ng	99
47) 2-Chloronaphthalene	9.275	162	381747	39.669	ng	99
48) 2-Nitroaniline	9.375	65	124079	41.175	ng	97
49) Acenaphthylene	9.692	152	599265	40.741	ng	100
50) Dimethylphthalate	9.557	163	442365	40.148	ng	99
51) 2,6-Dinitrotoluene	9.622	165	103970	41.577	ng	97
52) Acenaphthene	9.863	154	365608	40.098	ng	100
53) 3-Nitroaniline	9.786	138	110525	41.724	ng	96
54) 2,4-Dinitrophenol	9.898	184	54512	41.232	ng	99
55) Dibenzofuran	10.033	168	559421	40.475	ng	100
56) 4-Nitrophenol	9.957	139	76592	42.832	ng	98
57) 2,4-Dinitrotoluene	10.022	165	135756	41.819	ng	98
58) Fluorene	10.380	166	441753	40.281	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	109411	42.572	ng	99
60) Diethylphthalate	10.257	149	465552	40.723	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	212610	39.885	ng	97
62) 4-Nitroaniline	10.404	138	112449	44.035	ng	97
63) Azobenzene	10.533	77	433948	40.640	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	74219	44.484	ng	99
66) n-Nitrosodiphenylamine	10.492	169	387827	41.009	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	133439	41.272	ng	96
68) Hexachlorobenzene	10.927	284	145076	40.265	ng	99
69) Atrazine	11.021	200	82236	33.998	ng	99
70) Pentachlorophenol	11.121	266	74110	44.128	ng	99
71) Phenanthrene	11.345	178	603283	40.386	ng	100
72) Anthracene	11.398	178	607116	40.132	ng	100
73) Carbazole	11.557	167	576026	40.386	ng	98
74) Di-n-butylphthalate	11.886	149	727134	41.779	ng	99
75) Fluoranthene	12.533	202	645375	40.391	ng	97
77) Benzidine	12.663	184	160064	34.386	ng	98
78) Pyrene	12.768	202	645985	41.682	ng	100
80) Butylbenzylphthalate	13.392	149	245625	43.557	ng	100
81) Benzo(a)anthracene	13.962	228	453675	41.384	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	126724	40.705	ng	99
83) Chrysene	13.998	228	439975	41.042	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	310560	43.771	ng	99
85) Di-n-octyl phthalate	14.568	149	490058	44.652	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	432144	41.465	ng	100
88) Benzo(b)fluoranthene	15.015	252	373076	38.697	ng	99
89) Benzo(k)fluoranthene	15.045	252	368352	40.435	ng	99
90) Benzo(a)pyrene	15.386	252	324956	39.931	ng	100
91) Dibenzo(a,h)anthracene	16.974	278	354656	41.480	ng	96
92) Benzo(g,h,i)perylene	17.409	276	362644	41.411	ng	99

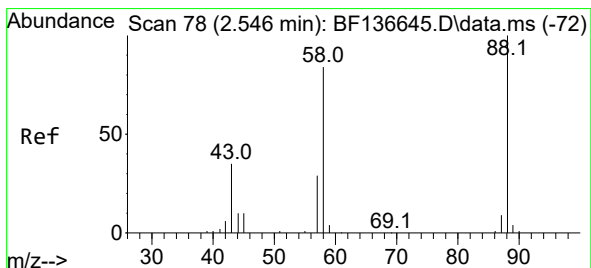
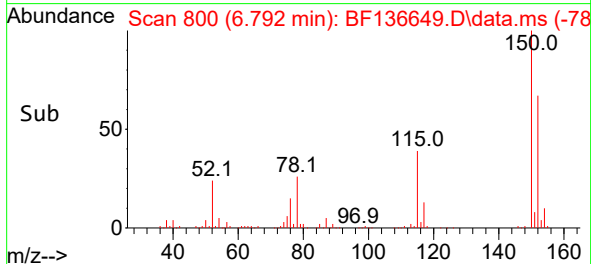
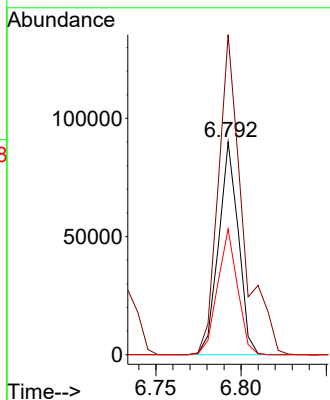
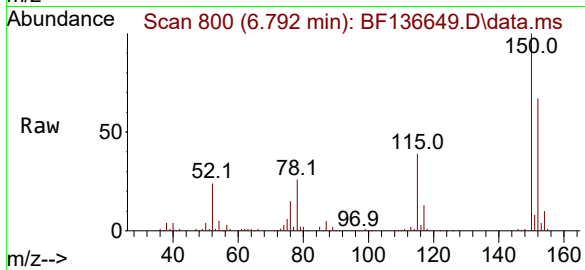
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

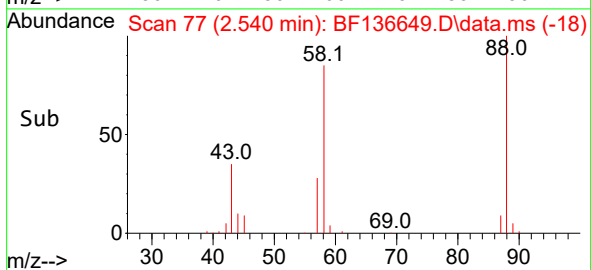
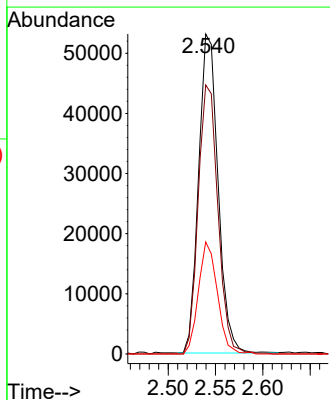
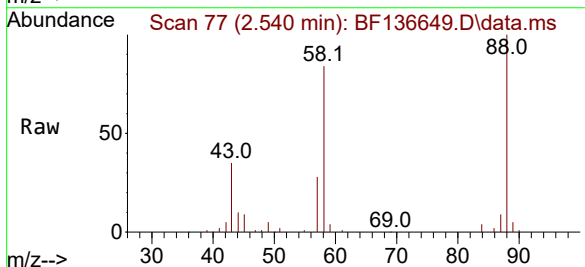
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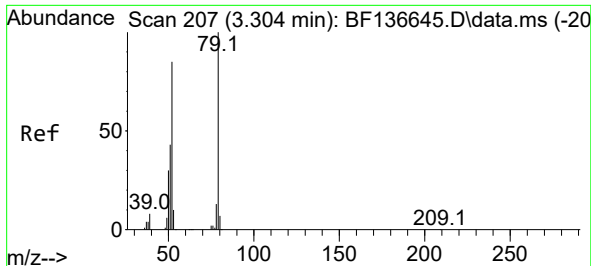
Tgt Ion:152 Resp: 72443
Ion Ratio Lower Upper
152 100
150 150.3 127.0 190.6
115 59.0 49.0 73.4



#2
1,4-Dioxane
Concen: 39.120 ng
RT: 2.540 min Scan# 77
Delta R.T. -0.006 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion: 88 Resp: 75679
Ion Ratio Lower Upper
88 100
58 85.5 67.4 101.0
43 34.3 27.7 41.5

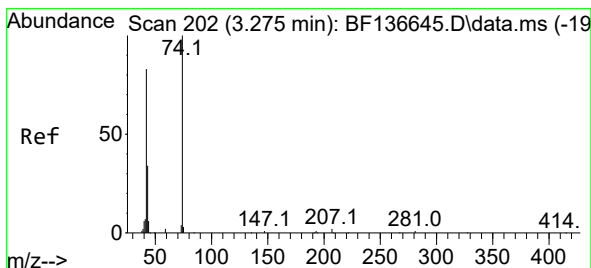
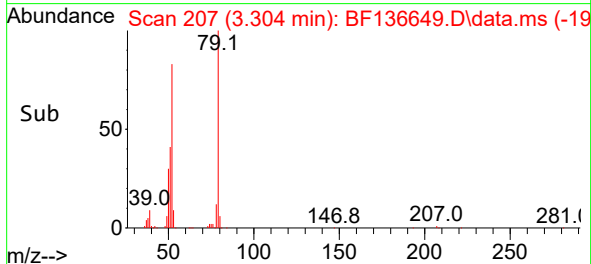
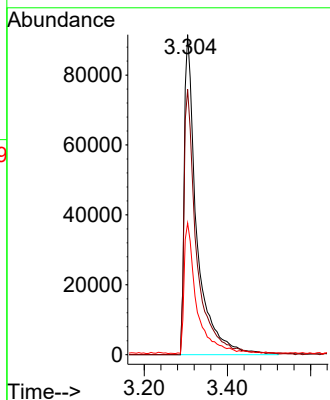
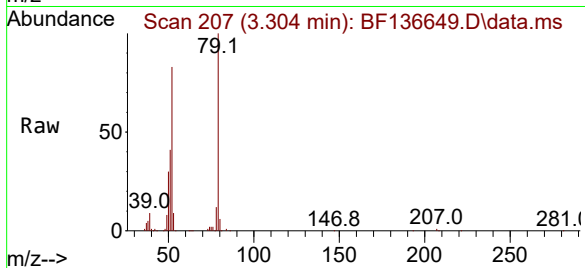




#3
 Pyridine
 Concen: 40.751 ng
 RT: 3.304 min Scan# 207
 Delta R.T. 0.000 min
 Lab File: BF136649.D
 Acq: 20 Dec 2023 15:50

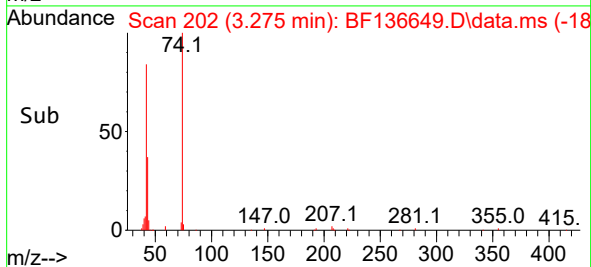
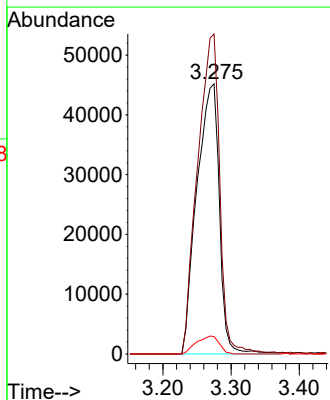
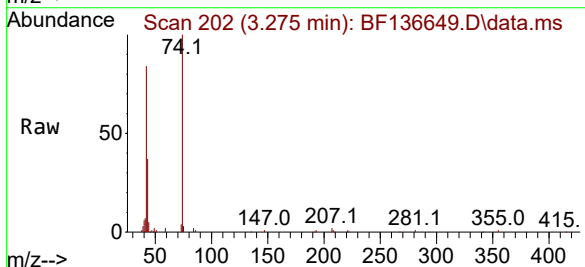
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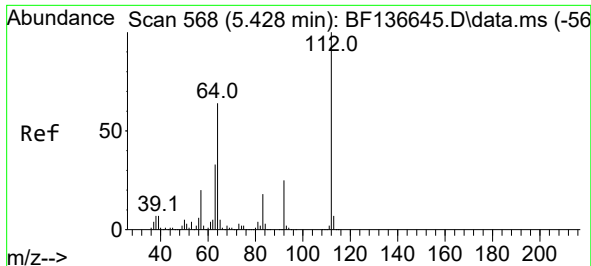
Tgt Ion: 79 Resp: 192346
 Ion Ratio Lower Upper
 79 100
 52 82.9 67.7 101.5
 51 41.2 34.0 51.0



#4
 n-Nitrosodimethylamine
 Concen: 40.958 ng
 RT: 3.275 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: BF136649.D
 Acq: 20 Dec 2023 15:50

Tgt Ion: 42 Resp: 103238
 Ion Ratio Lower Upper
 42 100
 74 118.5 96.0 144.0
 44 6.5 5.4 8.2

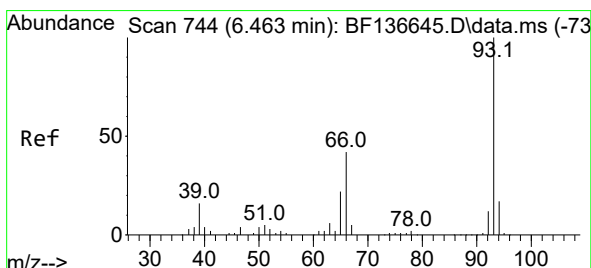
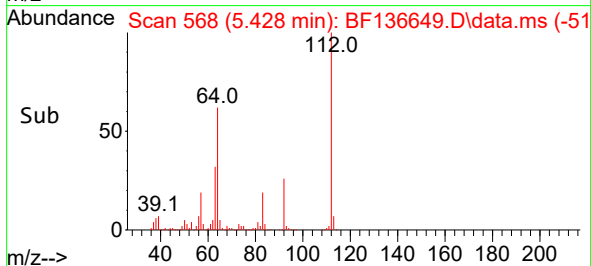
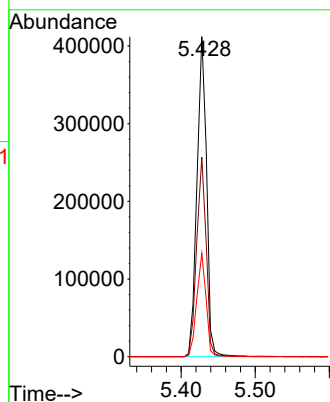
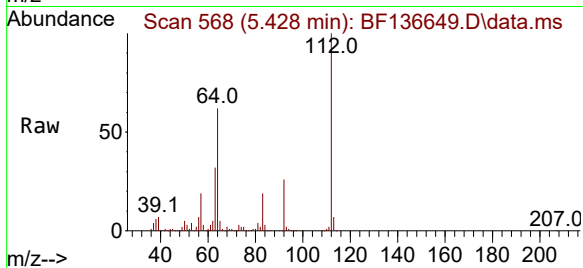




#5
2-Fluorophenol
Concen: 79.911 ng
RT: 5.428 min Scan# 501
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

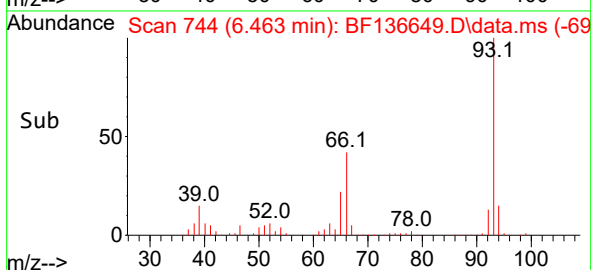
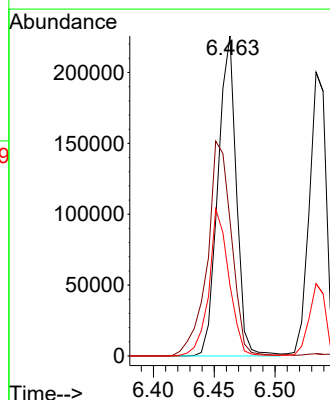
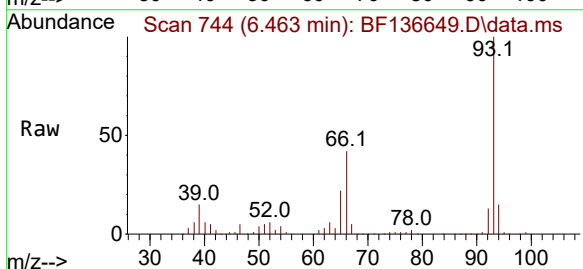
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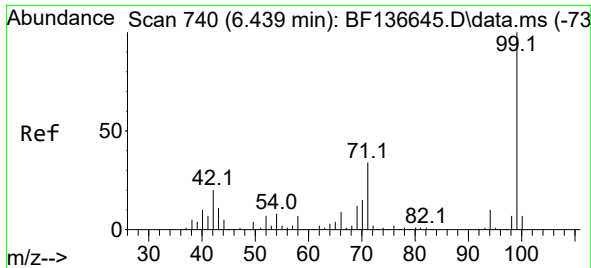
Tgt Ion:112 Resp: 371020
Ion Ratio Lower Upper
112 100
64 62.3 51.1 76.7
63 32.3 26.1 39.1



#6
Aniline
Concen: 39.489 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion: 93 Resp: 237526
Ion Ratio Lower Upper
93 100
66 42.3 34.6 51.8
65 22.1 17.8 26.8

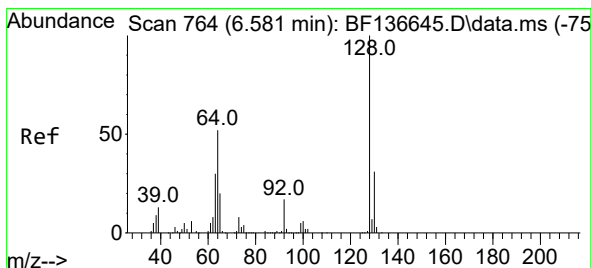
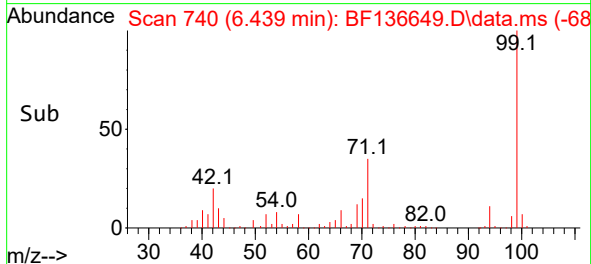
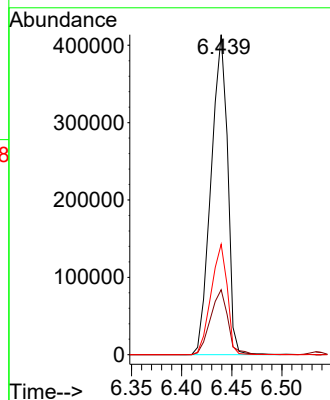
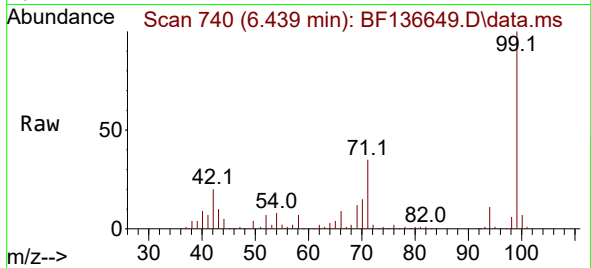




#7
Phenol-d6
Concen: 78.938 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

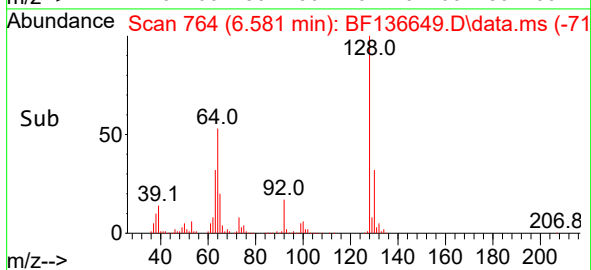
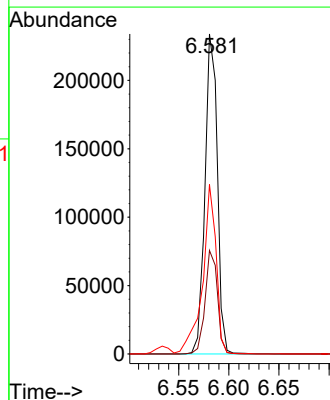
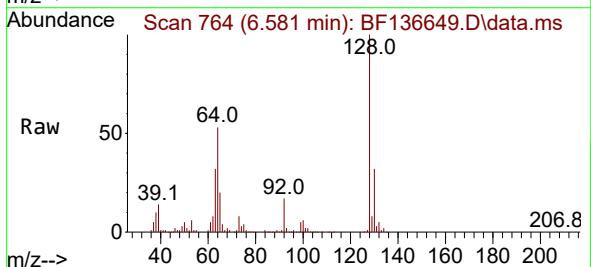
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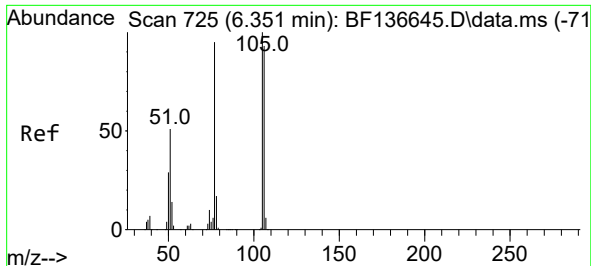
Tgt Ion: 99 Resp: 474903
Ion Ratio Lower Upper
99 100
42 20.3 16.1 24.1
71 34.5 27.4 41.2



#8
2-Chlorophenol
Concen: 39.685 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:128 Resp: 201634
Ion Ratio Lower Upper
128 100
130 32.3 11.3 51.3
64 53.0 32.5 72.5

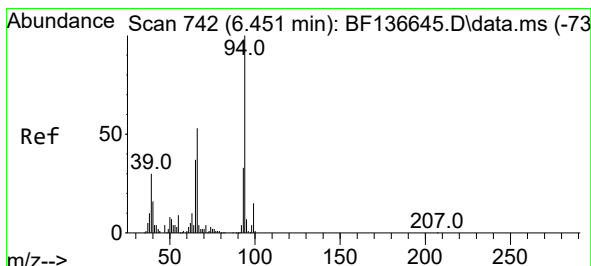
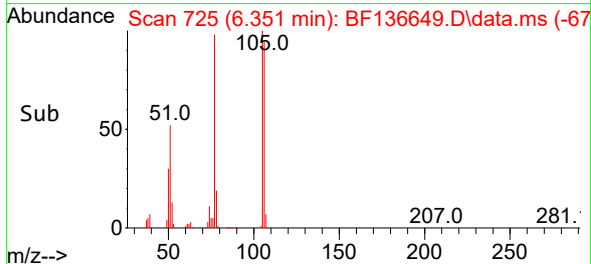
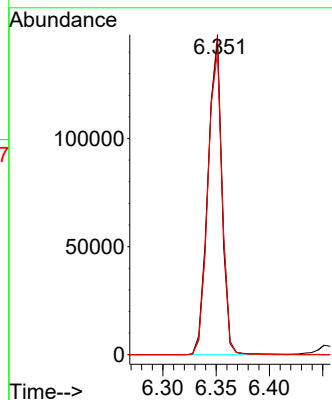
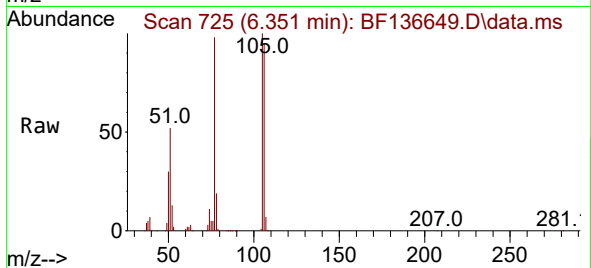




#9
Benzaldehyde
Concen: 39.151 ng
RT: 6.351 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

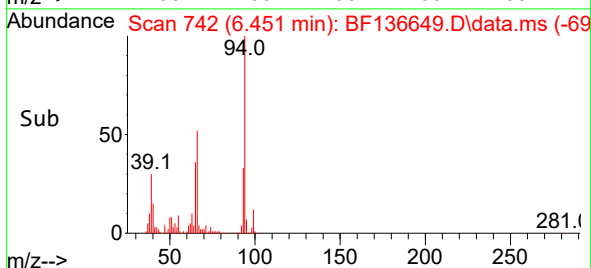
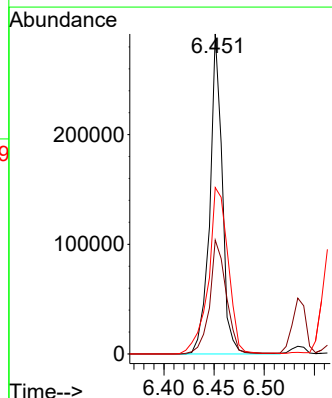
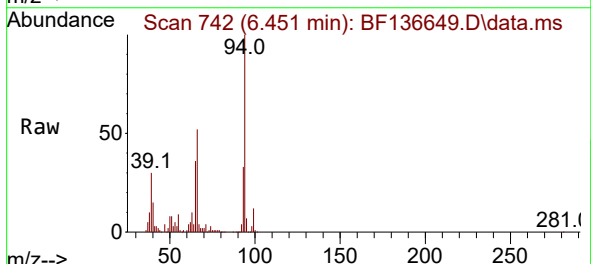
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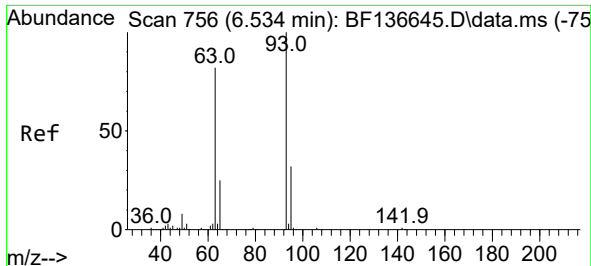
Tgt Ion: 77 Resp: 133973
Ion Ratio Lower Upper
77 100
105 102.2 84.8 124.8
106 96.6 77.8 117.8



#10
Phenol
Concen: 39.380 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion: 94 Resp: 252911
Ion Ratio Lower Upper
94 100
65 35.6 16.6 56.6
66 52.0 32.6 72.6

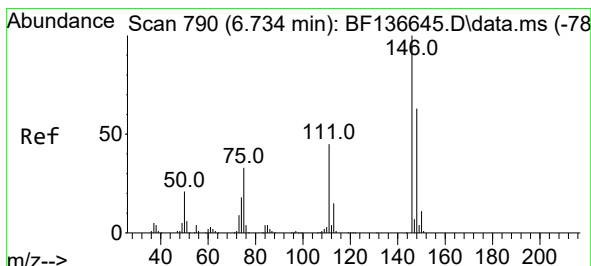
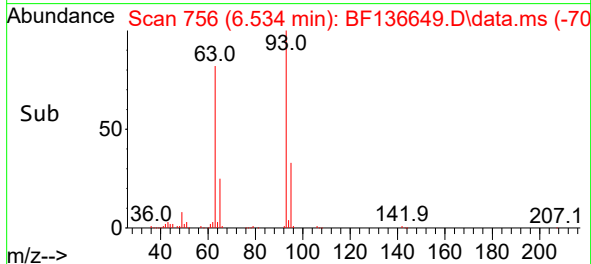
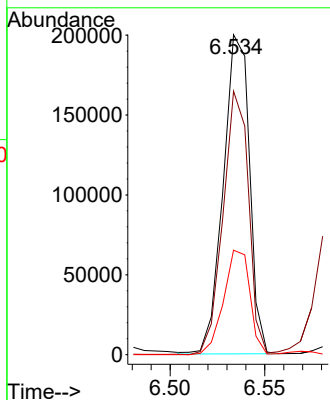
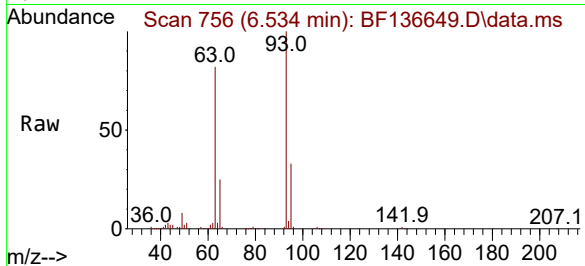




#11
bis(2-Chloroethyl)ether
Concen: 39.387 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

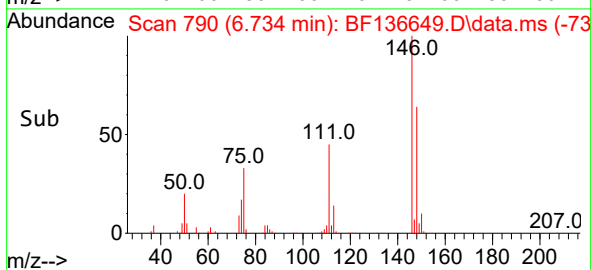
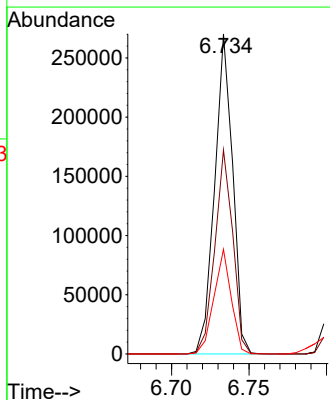
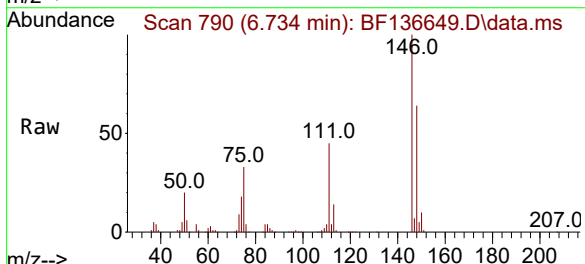
Instrument :
BNA_F
ClientSampleId :
ICVBF122023

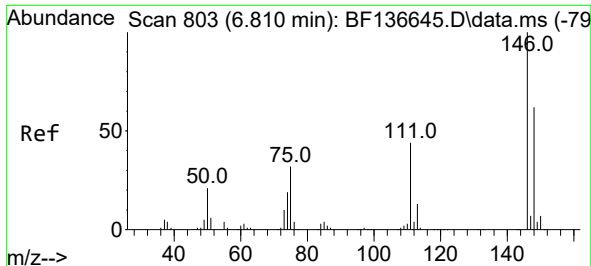
Tgt Ion: 93 Resp: 192369
Ion Ratio Lower Upper
93 100
63 82.4 61.2 101.2
95 32.7 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 39.400 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion: 146 Resp: 218386
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
75 32.7 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 39.696 ng

RT: 6.810 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

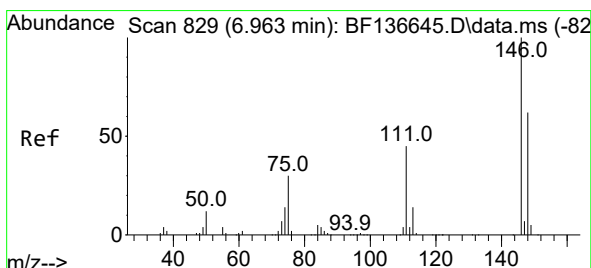
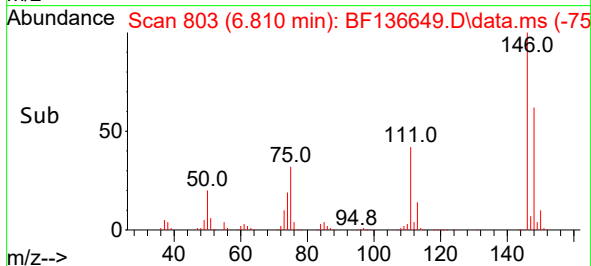
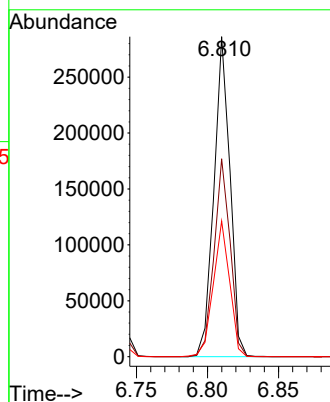
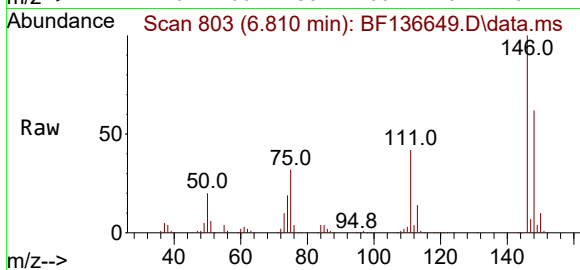
Tgt Ion:146 Resp: 224815

Ion Ratio Lower Upper

146 100

148 61.8 49.2 73.8

111 42.4 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 39.781 ng

RT: 6.963 min Scan# 829

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

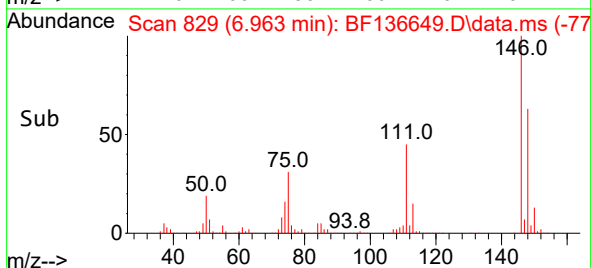
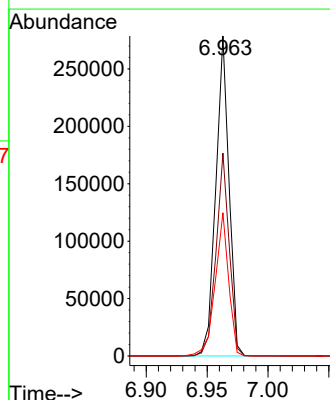
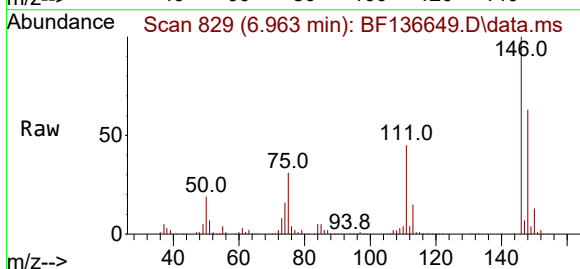
Tgt Ion:146 Resp: 209645

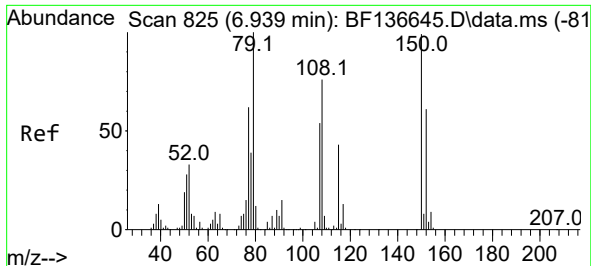
Ion Ratio Lower Upper

146 100

148 63.4 49.6 74.4

111 44.8 36.2 54.2

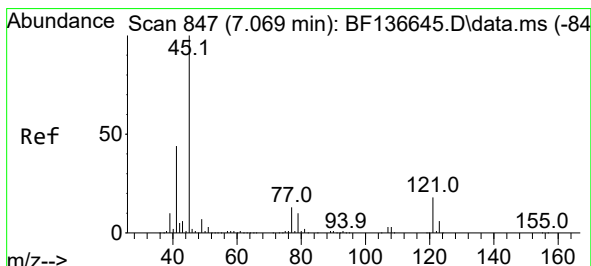
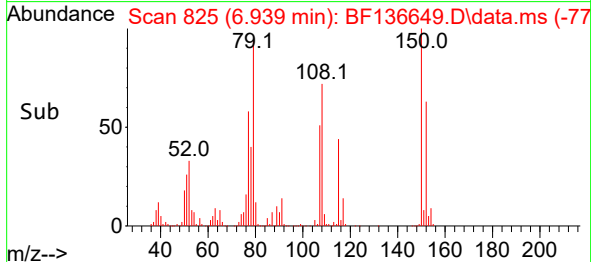
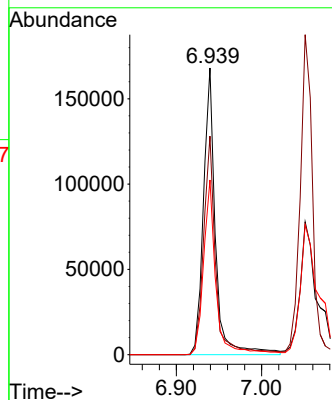
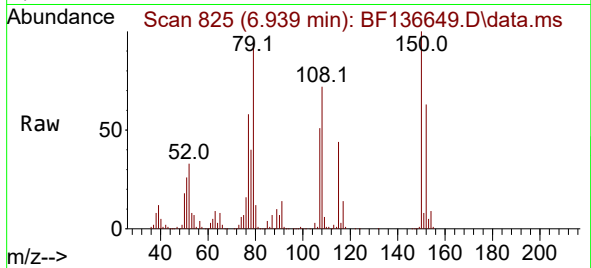




#15
Benzyl Alcohol
Concen: 40.517 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

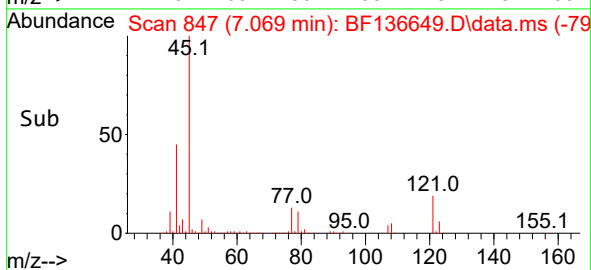
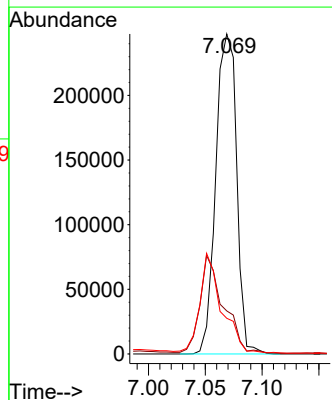
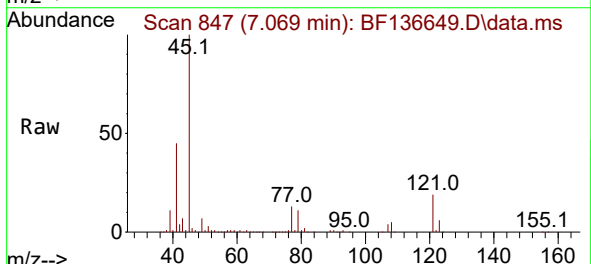
Instrument :
BNA_F
ClientSampleId :
ICVBF122023

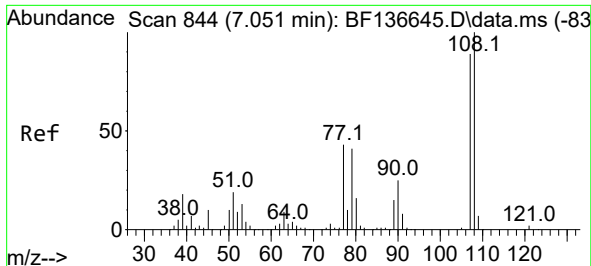
Tgt Ion: 79 Resp: 164446
Ion Ratio Lower Upper
79 100
108 76.2 61.0 91.6
77 61.0 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.546 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion: 45 Resp: 315781
Ion Ratio Lower Upper
45 100
77 13.4 0.0 34.3
79 11.1 0.0 31.4

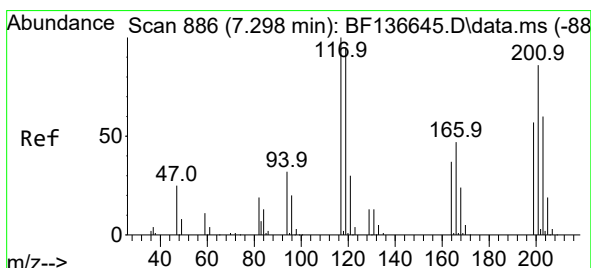
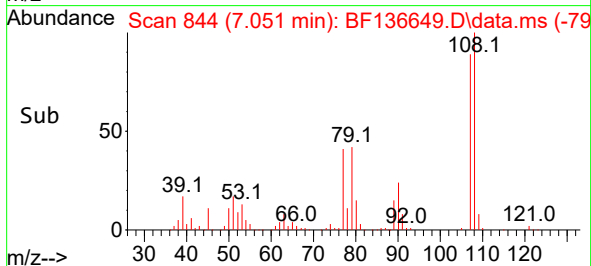
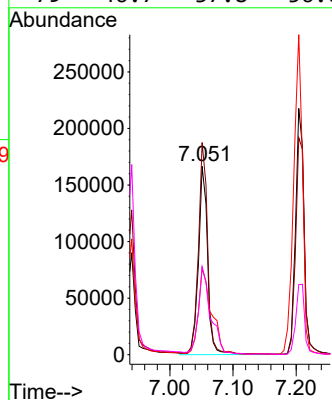
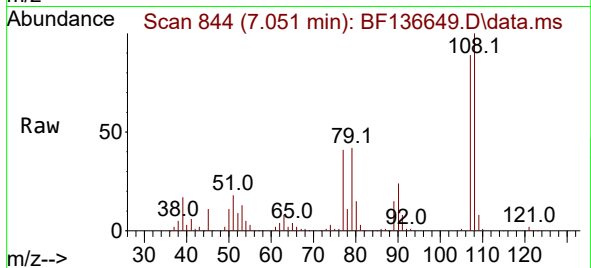




#17
2-Methylphenol
Concen: 40.119 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

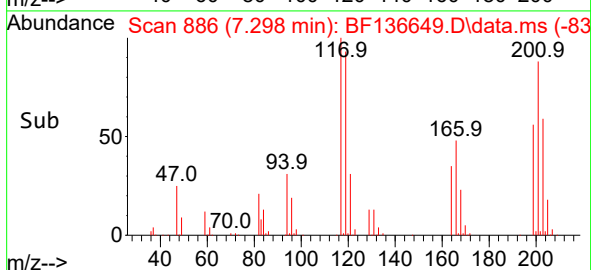
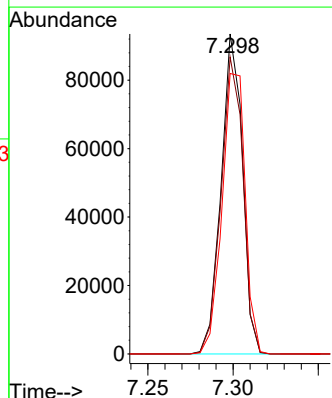
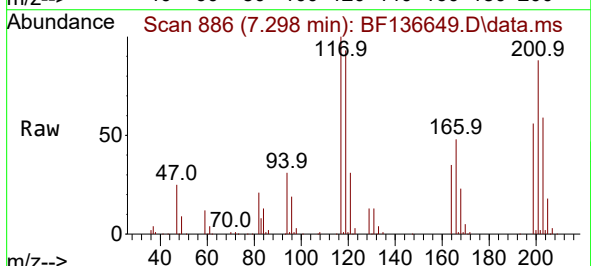
Instrument :
BNA_F
ClientSampleId :
ICVBF122023

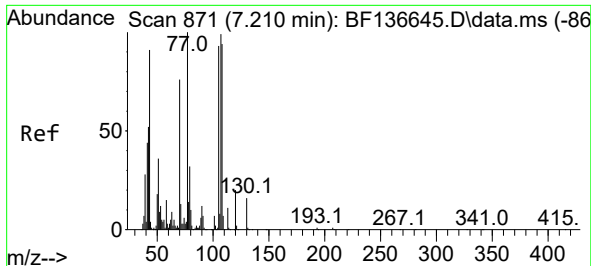
Tgt Ion:	107	Resp:	168868
Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.3	135.5
77	45.8	38.7	58.1
79	46.7	37.8	56.6



#18
Hexachloroethane
Concen: 39.750 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:	117	Resp:	81757
Ion	Ratio	Lower	Upper
117	100		
119	92.8	75.8	113.6
201	87.7	69.1	103.7





#19

n-Nitroso-di-n-propylamine

Concen: 40.153 ng

RT: 7.210 min Scan# 871

Delta R.T. 0.000 min

Lab File: BF136649.D

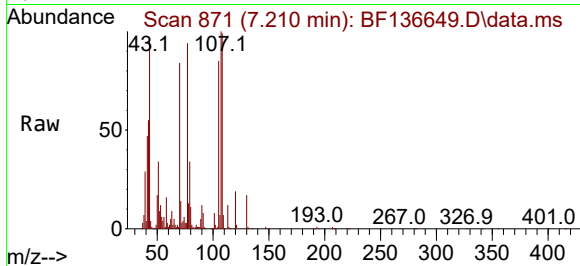
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023



Tgt Ion: 70 Resp: 146436

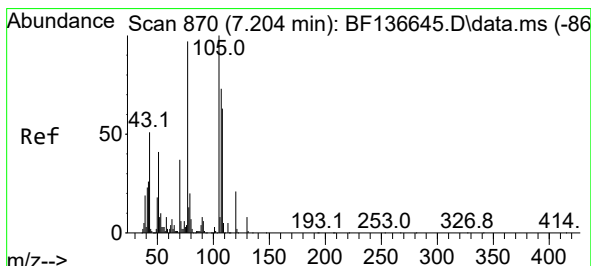
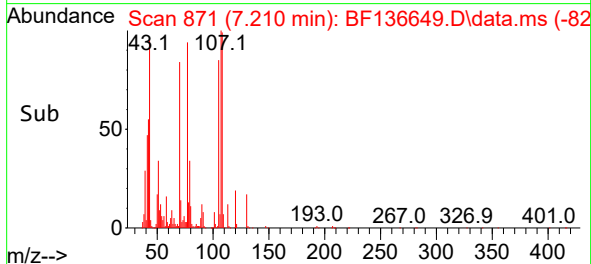
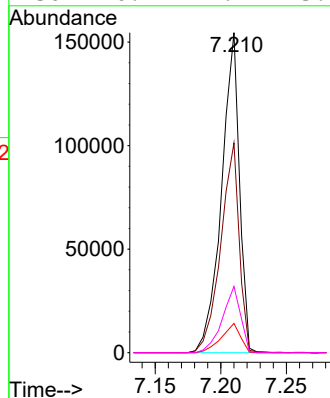
Ion Ratio Lower Upper

70 100

42 65.6 54.2 81.4

101 9.2 7.6 11.4

130 20.7 17.1 25.7



#20

3+4-Methylphenols

Concen: 38.871 ng

RT: 7.204 min Scan# 870

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Tgt Ion: 107 Resp: 204405

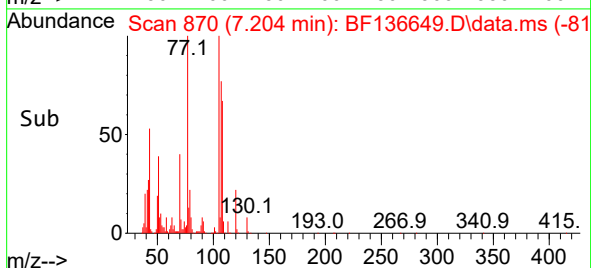
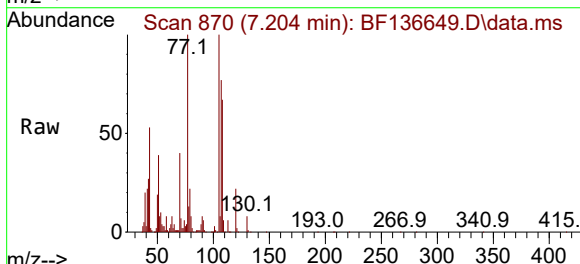
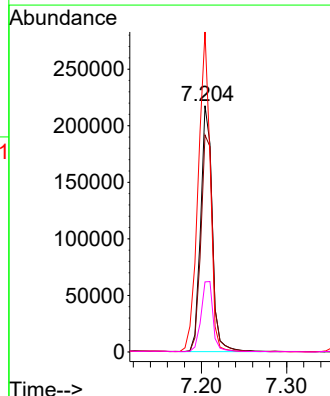
Ion Ratio Lower Upper

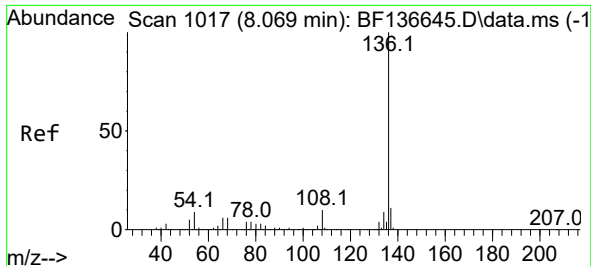
107 100

108 88.1 66.0 106.0

77 129.9 114.2 154.2

79 28.4 7.2 47.2

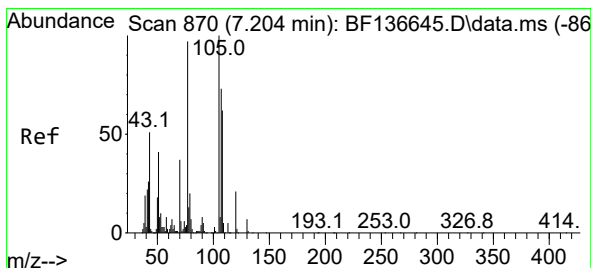
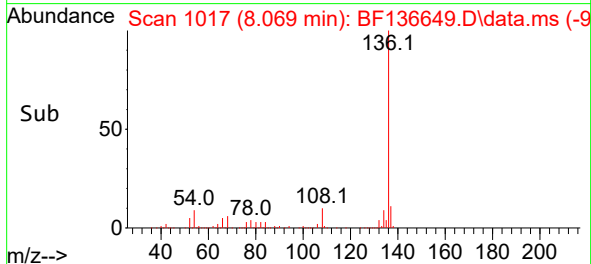
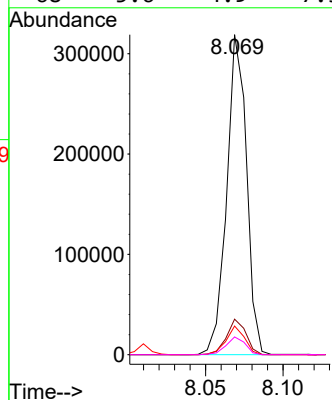
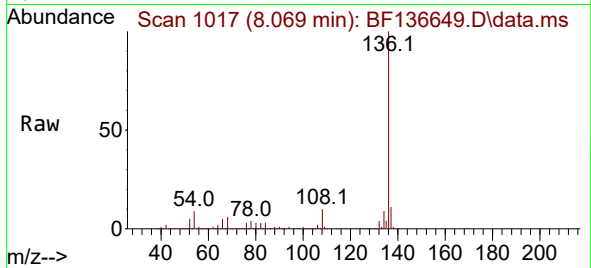




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

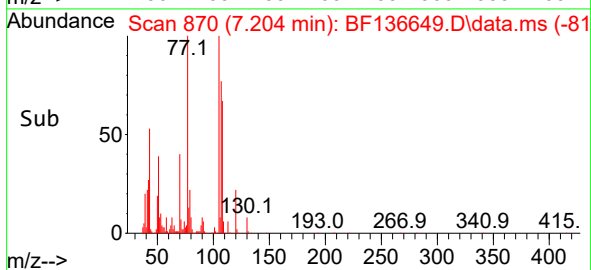
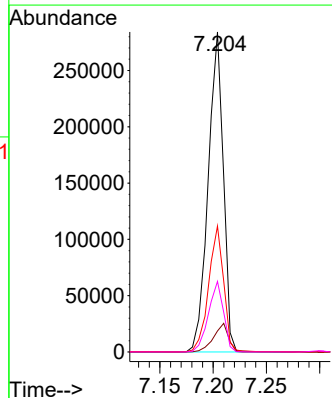
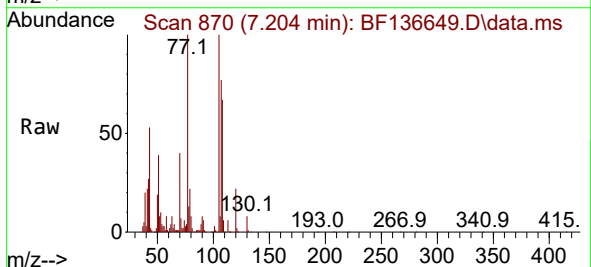
Instrument :
BNA_F
ClientSampleId :
ICVBF122023

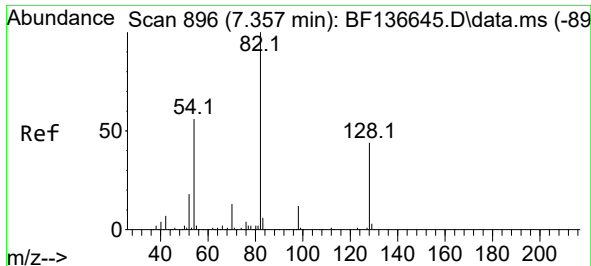
Tgt	Ion:136	Resp:	283460
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	9.0	7.2	10.8
68	5.6	4.9	7.3



#22
Acetophenone
Concen: 39.652 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt	Ion:105	Resp:	281725
Ion	Ratio	Lower	Upper
105	100		
71	6.6	4.8	7.2
51	39.3	32.8	49.2
120	22.1	17.0	25.6





#23

Nitrobenzene-d5

Concen: 79.988 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

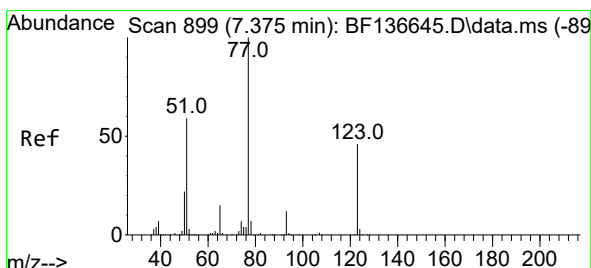
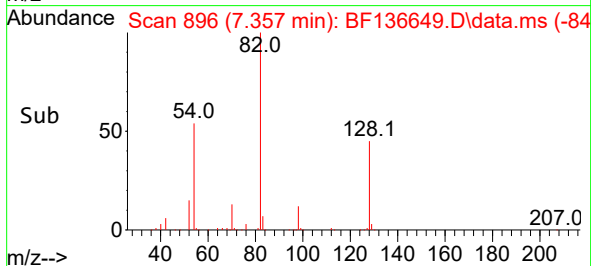
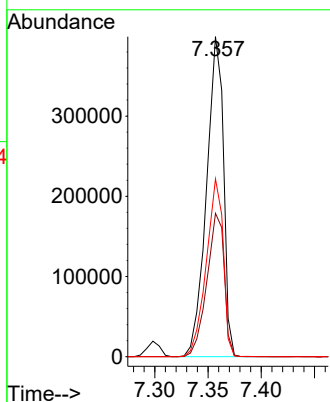
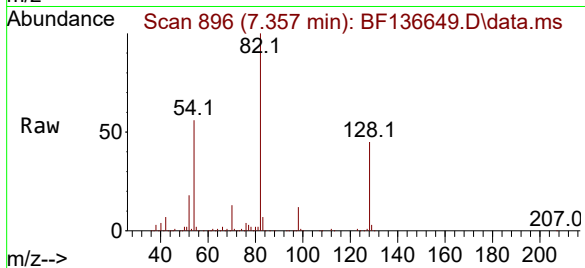
Tgt Ion: 82 Resp: 443090

Ion Ratio Lower Upper

82 100

128 44.8 35.3 52.9

54 55.5 44.5 66.7



#24

Nitrobenzene

Concen: 40.889 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

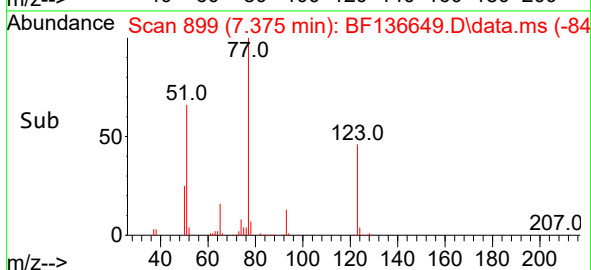
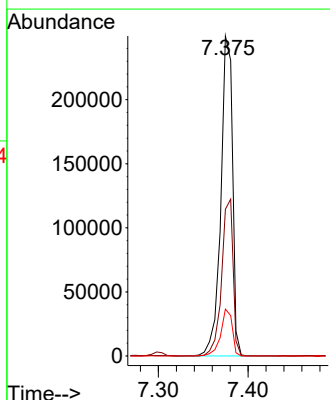
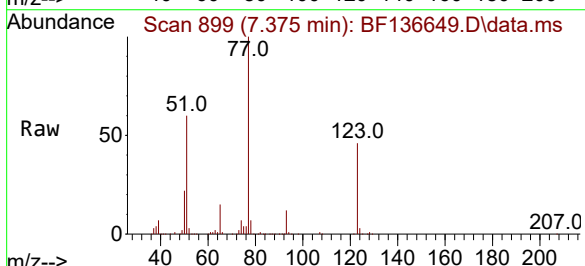
Tgt Ion: 77 Resp: 226894

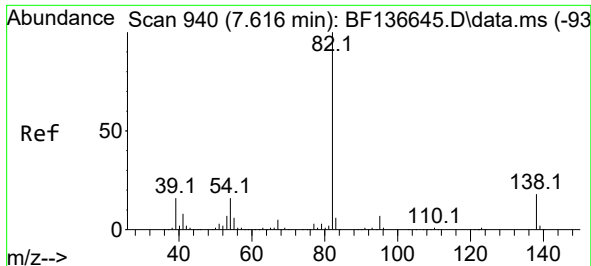
Ion Ratio Lower Upper

77 100

123 45.8 36.7 55.1

65 14.6 11.8 17.6

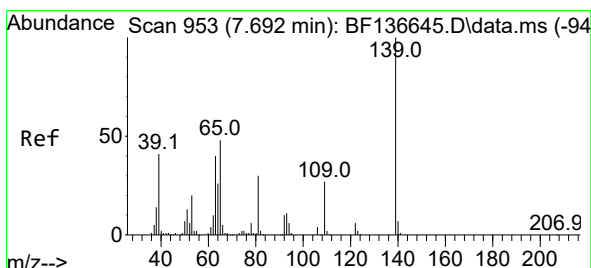
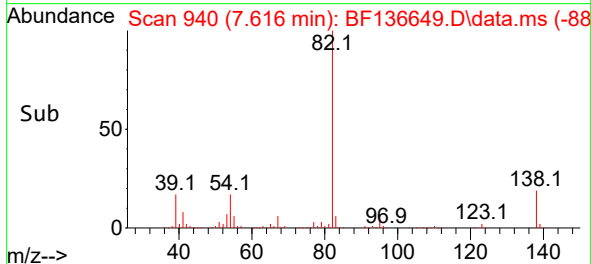
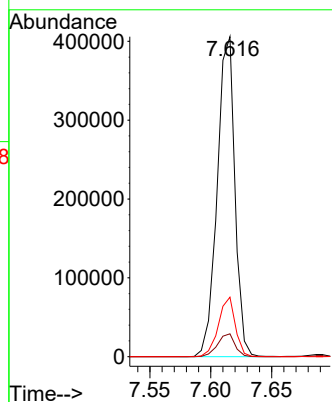
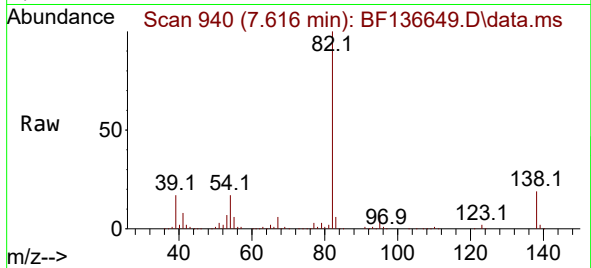




#25
Isophorone
Concen: 40.820 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

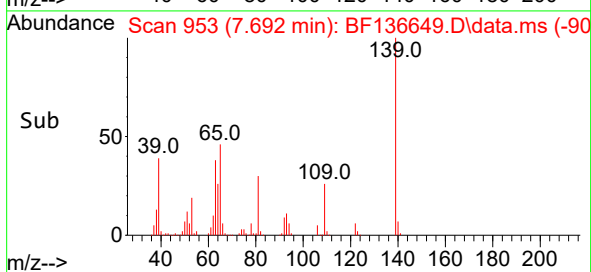
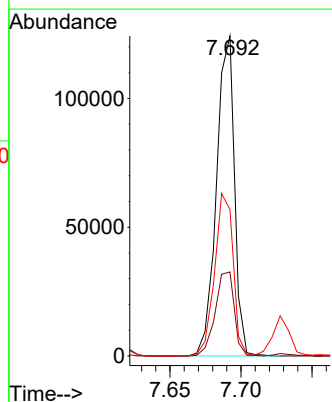
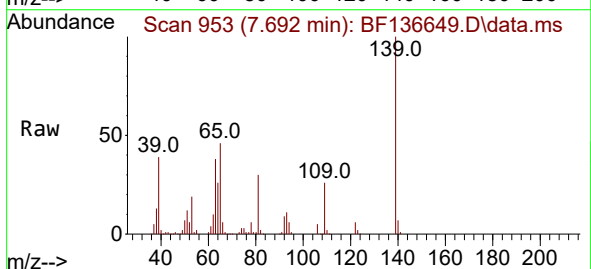
Instrument :
BNA_F
ClientSampleId :
ICVBF122023

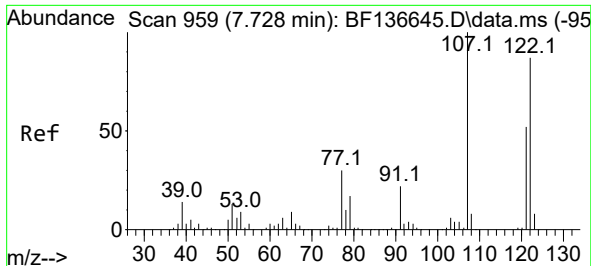
Tgt Ion: 82 Resp: 411454
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 18.6 14.5 21.7



#26
2-Nitrophenol
Concen: 41.312 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion: 139 Resp: 109679
Ion Ratio Lower Upper
139 100
109 26.3 21.9 32.9
65 45.7 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 41.124 ng

RT: 7.728 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

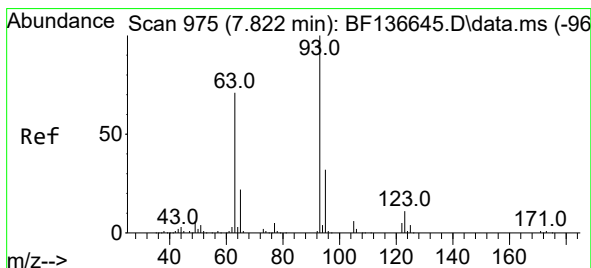
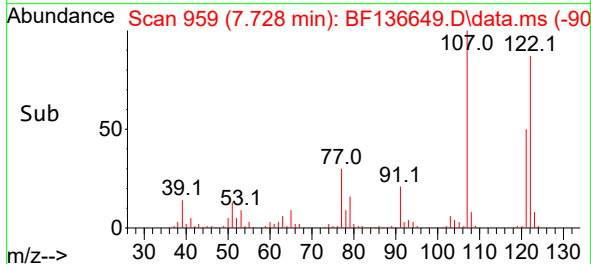
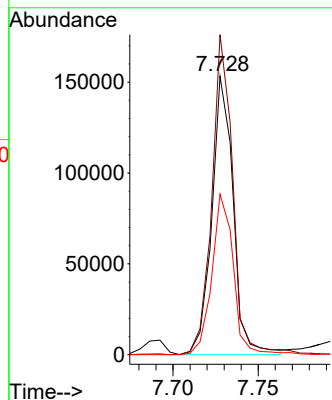
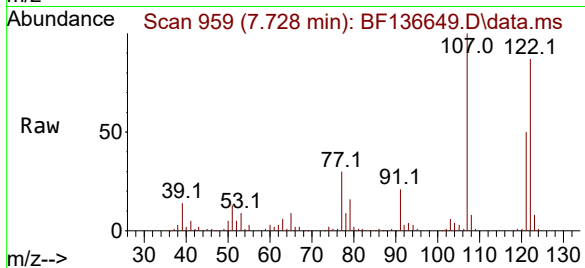
Tgt Ion:122 Resp: 132922

Ion Ratio Lower Upper

122 100

107 115.0 92.0 138.0

121 57.6 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 40.640 ng

RT: 7.822 min Scan# 975

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

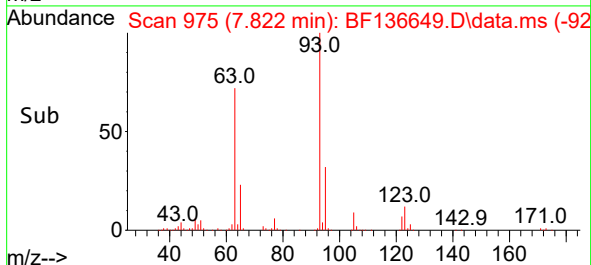
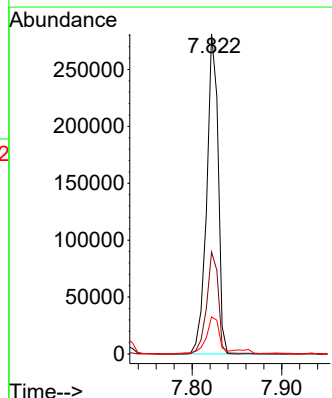
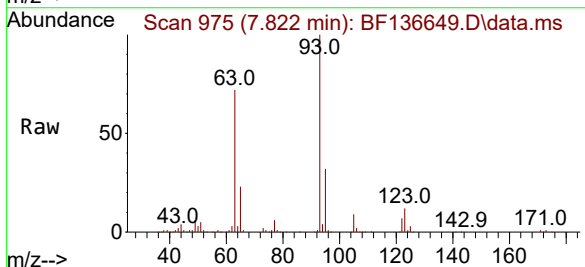
Tgt Ion: 93 Resp: 248997

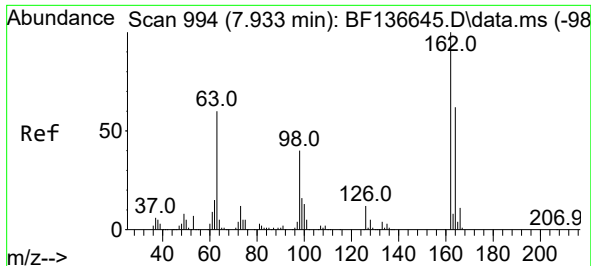
Ion Ratio Lower Upper

93 100

95 31.9 25.5 38.3

123 11.6 9.2 13.8

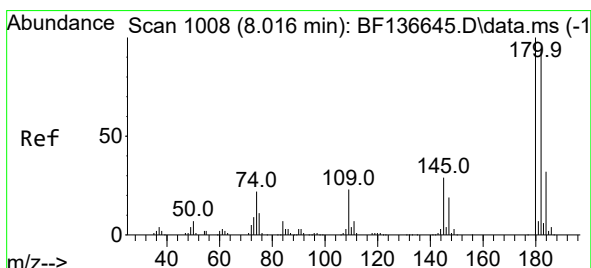
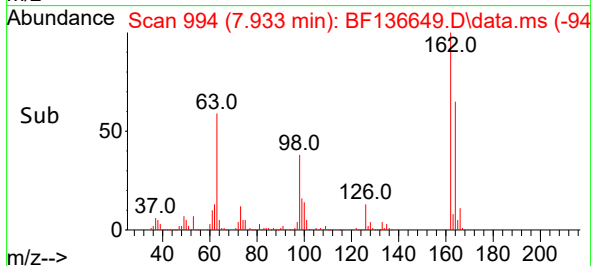
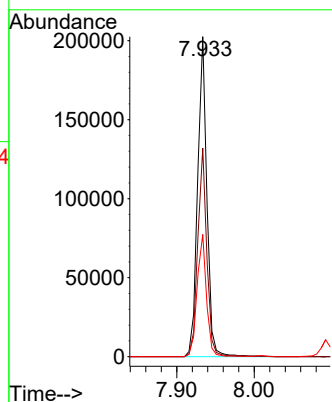
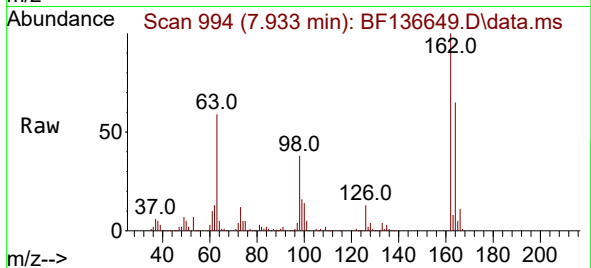




#29
2,4-Dichlorophenol
Concen: 40.399 ng
RT: 7.933 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

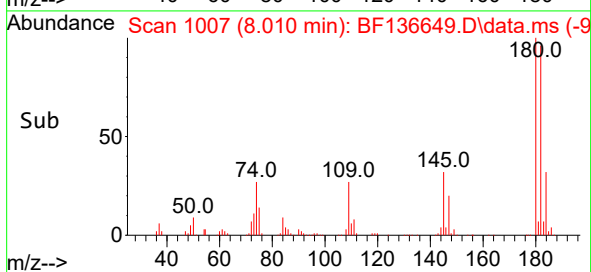
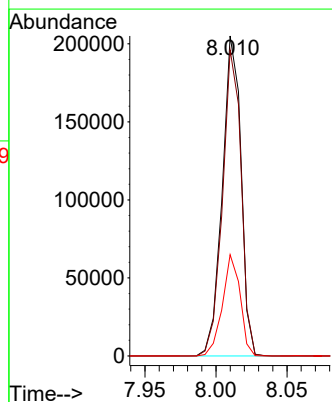
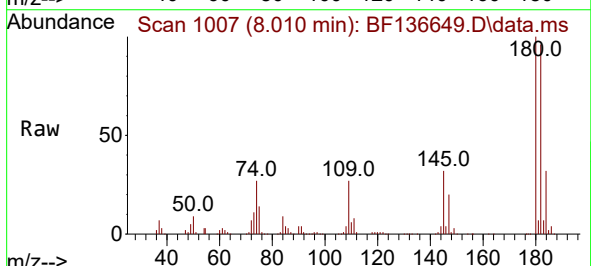
Instrument :
BNA_F
ClientSampleId :
ICVBF122023

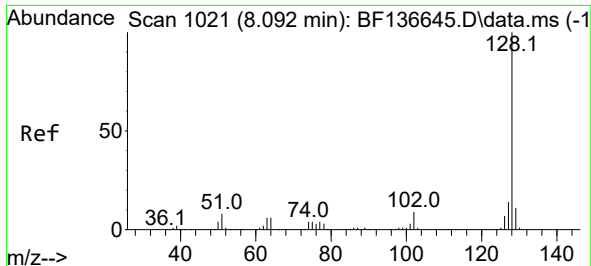
Tgt Ion:162 Resp: 168107
Ion Ratio Lower Upper
162 100
164 65.2 41.7 81.7
98 38.2 19.5 59.5



#30
1,2,4-Trichlorobenzene
Concen: 40.438 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:180 Resp: 187486
Ion Ratio Lower Upper
180 100
182 95.7 75.4 113.0
145 31.7 23.1 34.7

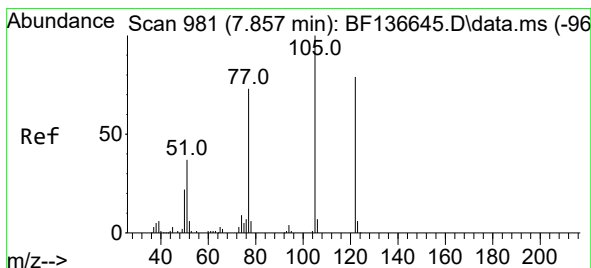
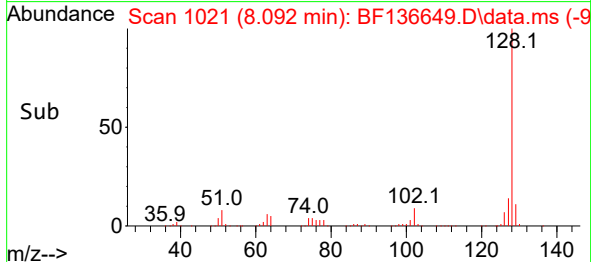
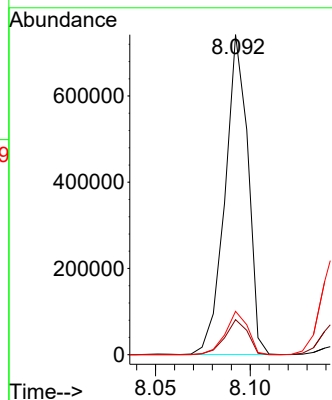
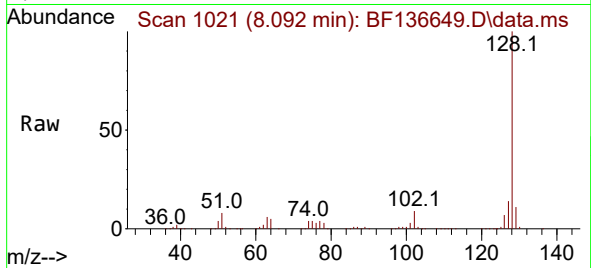




#31
Naphthalene
Concen: 40.089 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

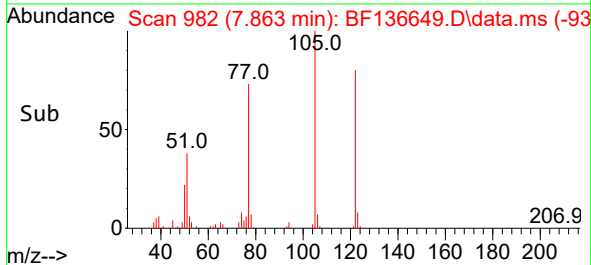
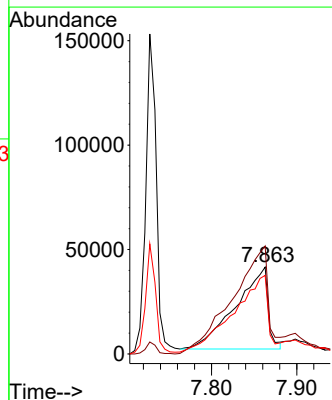
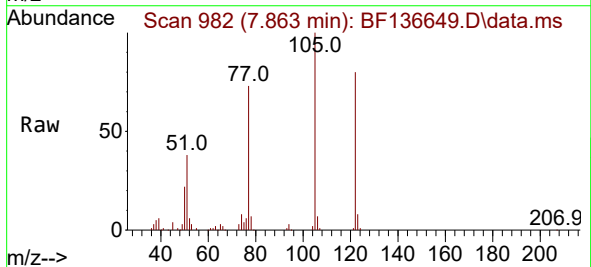
Instrument :
BNA_F
ClientSampleId :
ICVBF122023

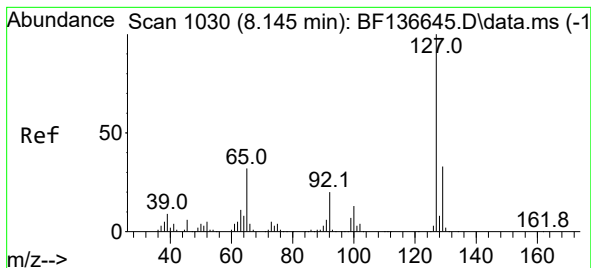
Tgt Ion:128 Resp: 624284
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 33.401 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:122 Resp: 104457
Ion Ratio Lower Upper
122 100
105 124.3 100.8 140.8
77 90.3 70.9 110.9





#33

4-Chloroaniline

Concen: 40.001 ng

RT: 8.145 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

Tgt Ion:127 Resp: 229993

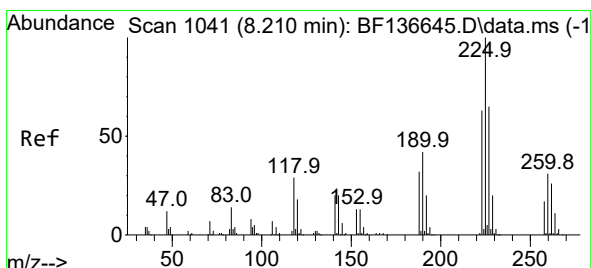
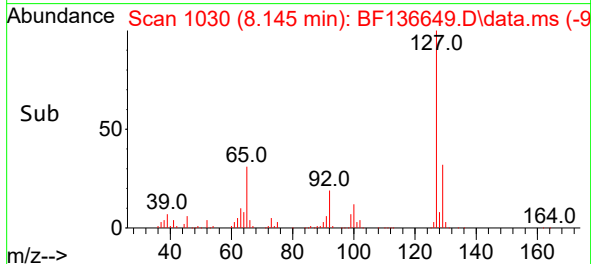
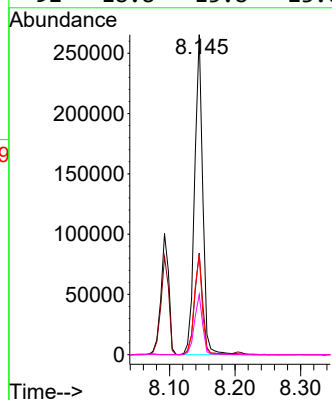
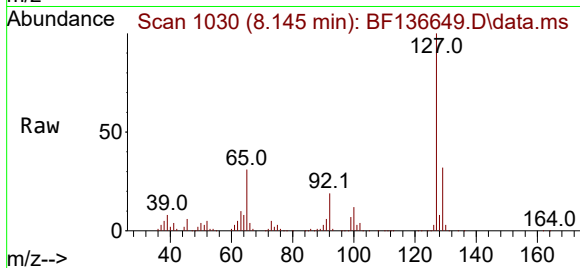
Ion Ratio Lower Upper

127 100

129 31.7 26.3 39.5

65 31.3 25.8 38.8

92 18.8 15.8 23.6



#34

Hexachlorobutadiene

Concen: 40.341 ng

RT: 8.204 min Scan# 1040

Delta R.T. -0.006 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

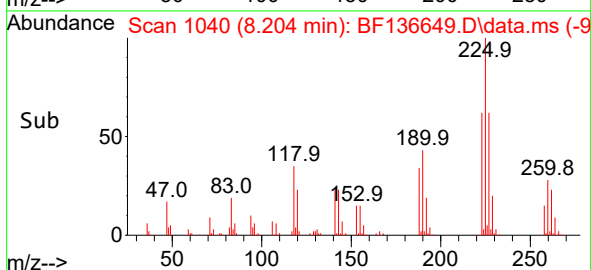
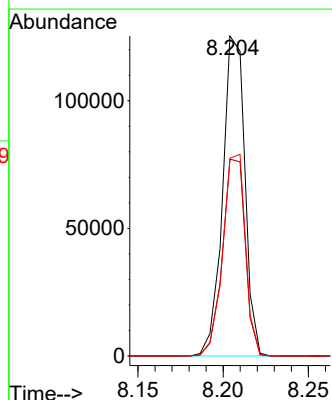
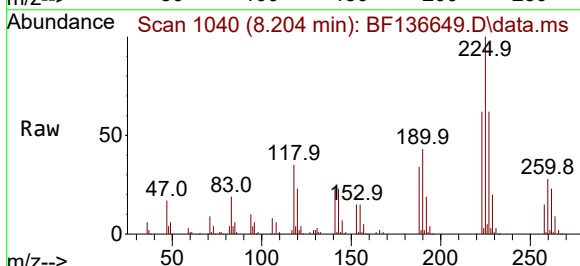
Tgt Ion:225 Resp: 113635

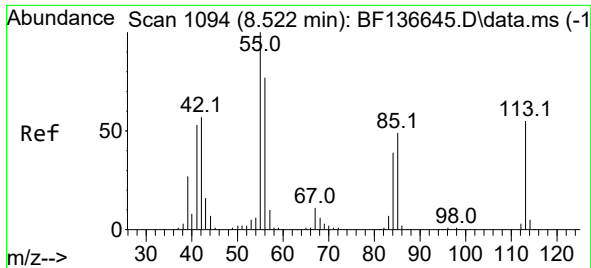
Ion Ratio Lower Upper

225 100

223 61.5 50.6 76.0

227 61.8 51.9 77.9

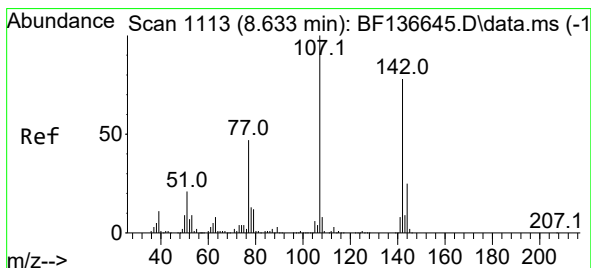
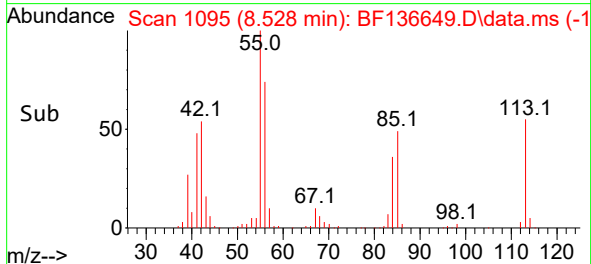
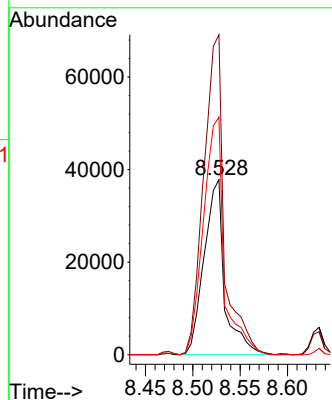
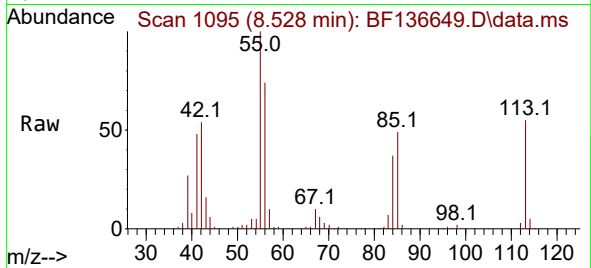




#35
 Caprolactam
 Concen: 41.578 ng
 RT: 8.528 min Scan# 1095
 Delta R.T. 0.006 min
 Lab File: BF136649.D
 Acq: 20 Dec 2023 15:50

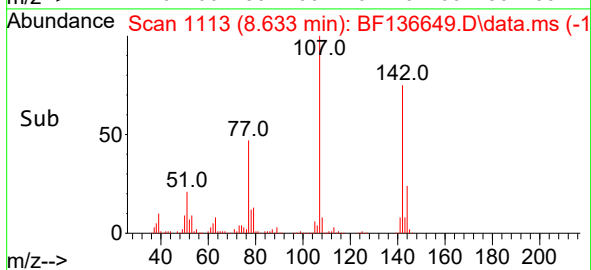
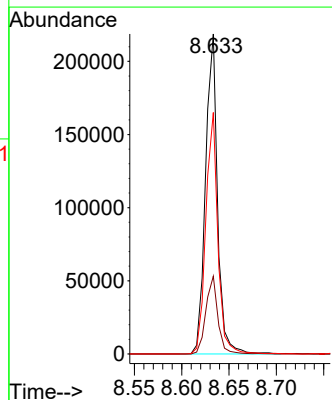
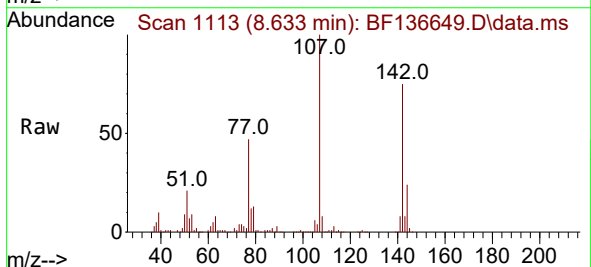
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122023

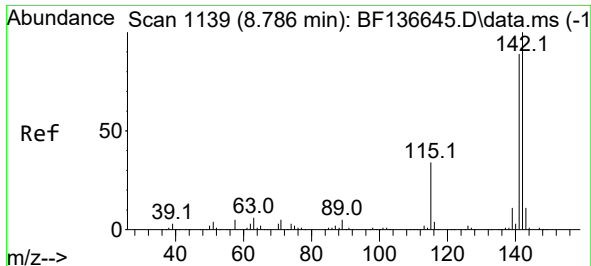
Tgt Ion:113 Resp: 57076
 Ion Ratio Lower Upper
 113 100
 55 182.8 163.1 203.1
 56 135.7 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.050 ng
 RT: 8.633 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF136649.D
 Acq: 20 Dec 2023 15:50

Tgt Ion:107 Resp: 192301
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.2 30.2
 142 75.5 62.3 93.5

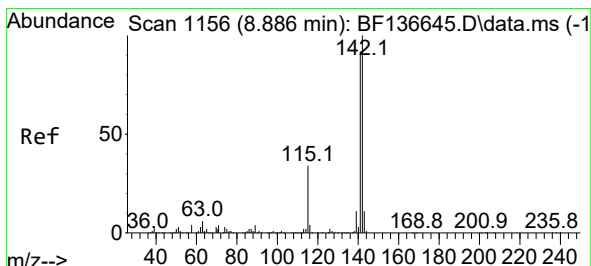
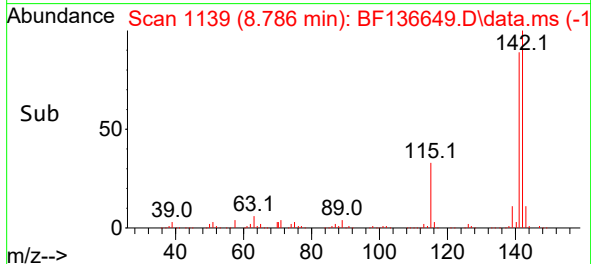
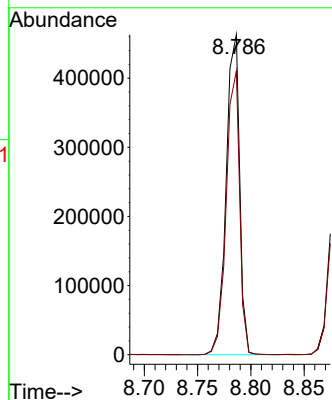
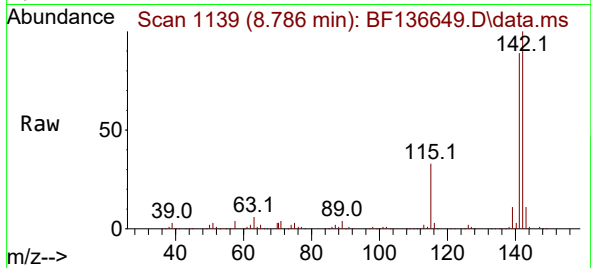




#37
2-Methylnaphthalene
Concen: 40.534 ng
RT: 8.786 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

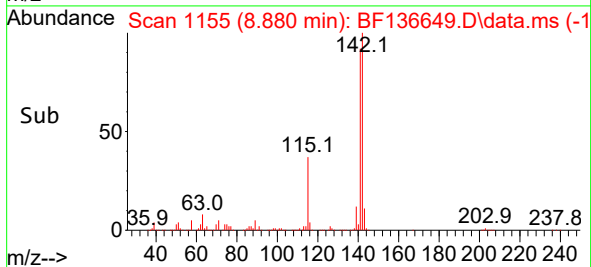
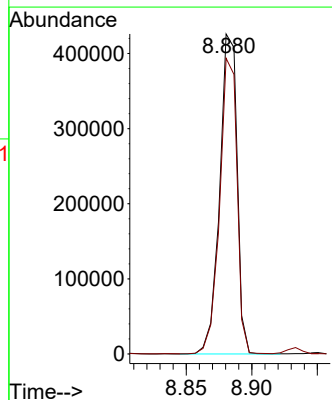
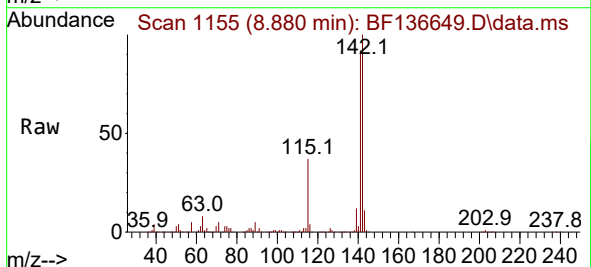
Instrument :
BNA_F
ClientSampleId :
ICVBF122023

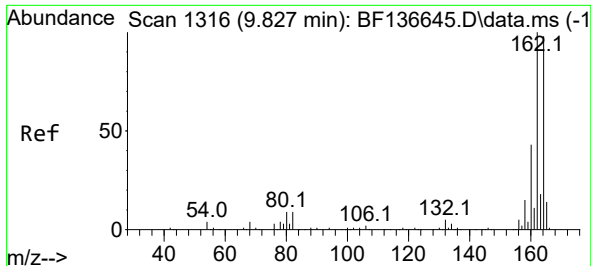
Tgt Ion:142 Resp: 406235
Ion Ratio Lower Upper
142 100
141 88.7 71.1 106.7



#38
1-Methylnaphthalene
Concen: 39.993 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:142 Resp: 393228
Ion Ratio Lower Upper
142 100
141 92.4 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

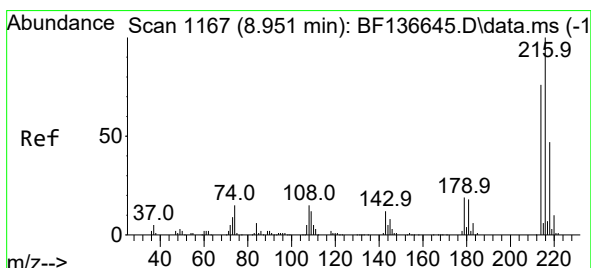
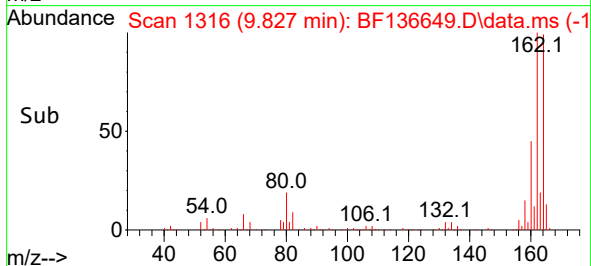
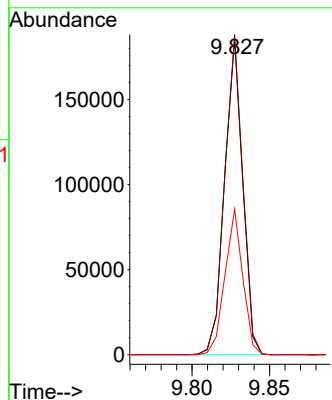
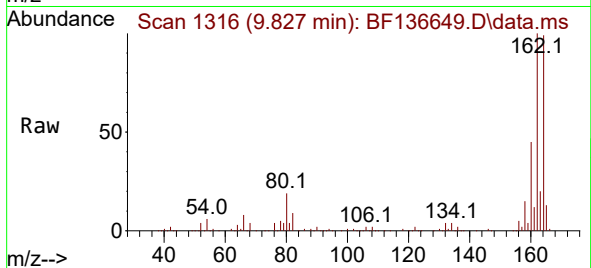
Tgt Ion:164 Resp: 150849

Ion Ratio Lower Upper

164 100

162 101.2 81.6 122.4

160 46.0 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.430 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Tgt Ion:216 Resp: 188876

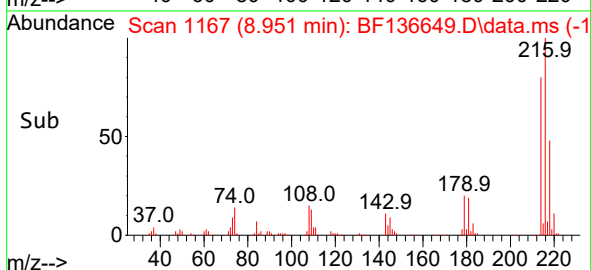
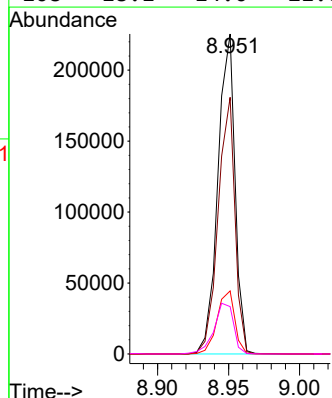
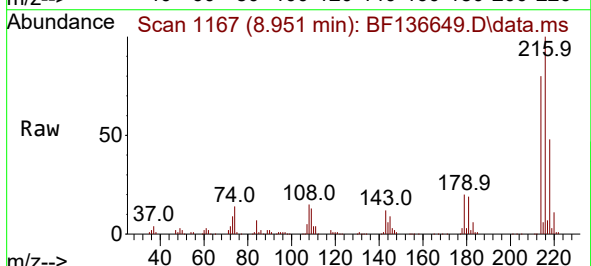
Ion Ratio Lower Upper

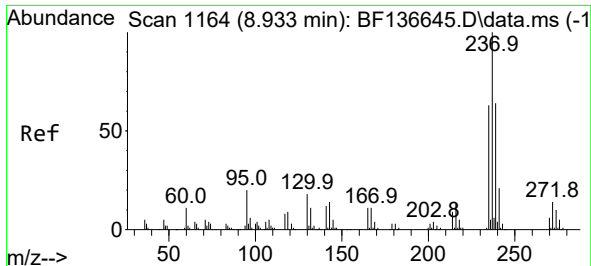
216 100

214 78.7 62.3 93.5

179 20.4 16.4 24.6

108 18.1 14.0 21.0

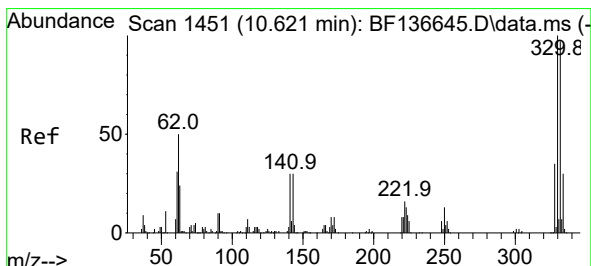
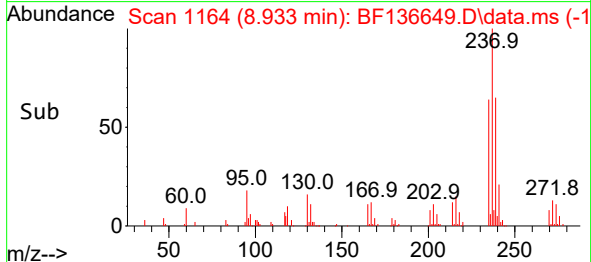
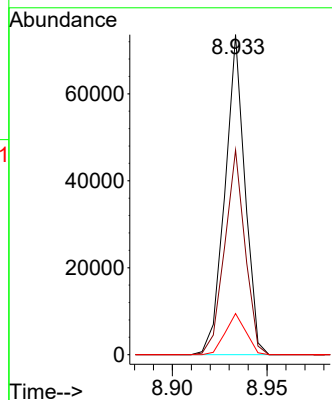
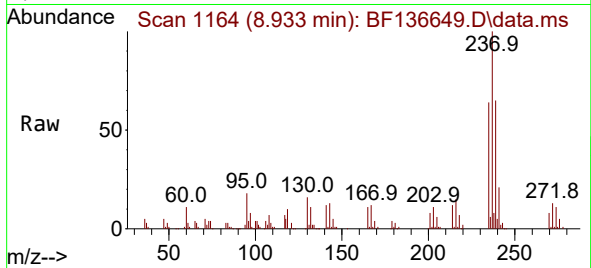




#41
Hexachlorocyclopentadiene
Concen: 38.922 ng
RT: 8.933 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

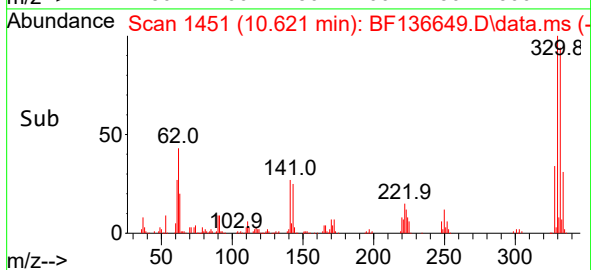
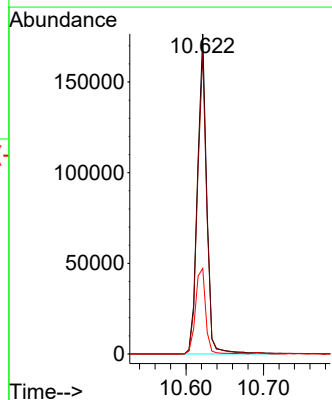
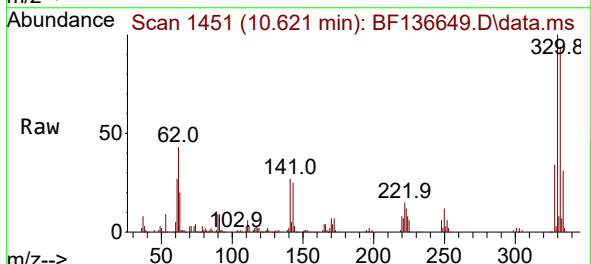
Instrument :
BNA_F
ClientSampleId :
ICVBF122023

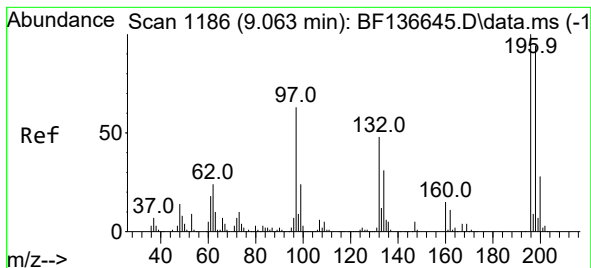
Tgt Ion:237 Resp: 53986
Ion Ratio Lower Upper
237 100
235 63.9 43.2 83.2
272 12.9 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 82.249 ng
RT: 10.621 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:330 Resp: 146122
Ion Ratio Lower Upper
330 100
332 94.0 77.4 116.0
141 29.3 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 40.789 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

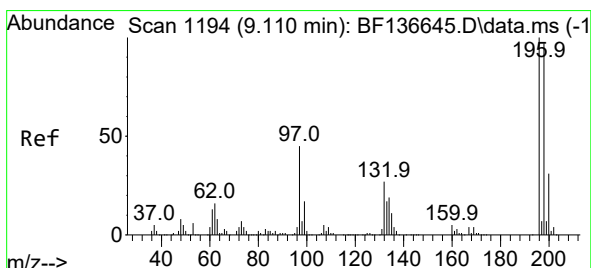
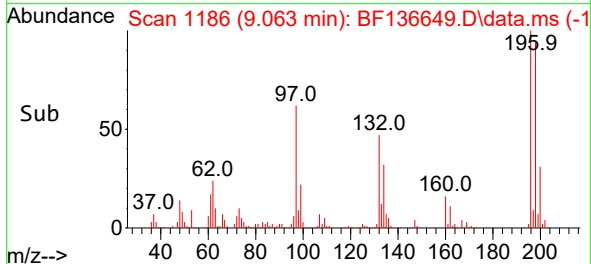
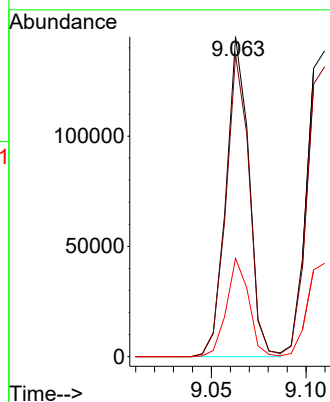
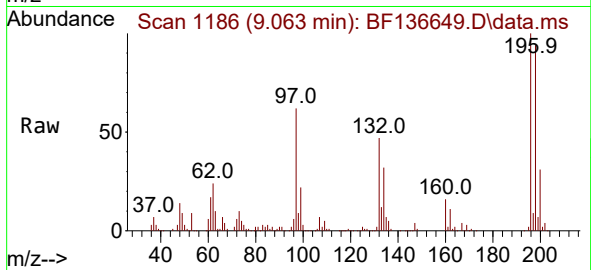
Tgt Ion:196 Resp: 122206

Ion Ratio Lower Upper

196 100

198 94.4 75.1 112.7

200 30.7 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 41.802 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Tgt Ion:196 Resp: 139564

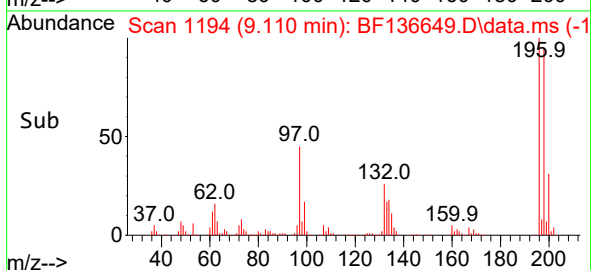
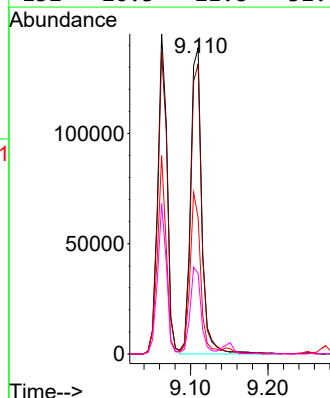
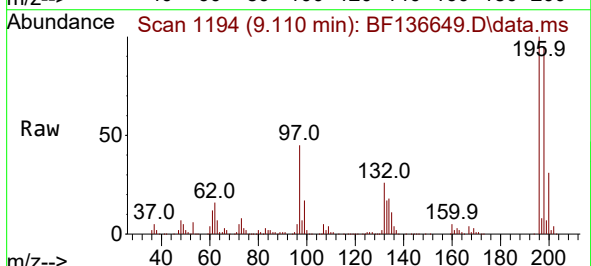
Ion Ratio Lower Upper

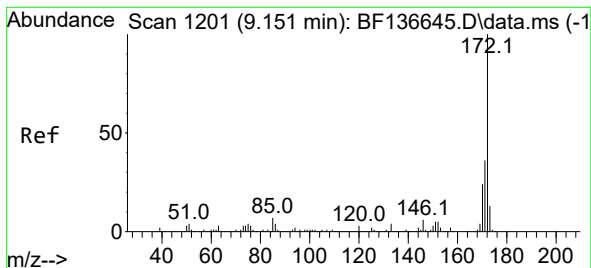
196 100

198 94.8 77.0 115.6

97 44.6 36.1 54.1

132 26.3 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 79.452 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

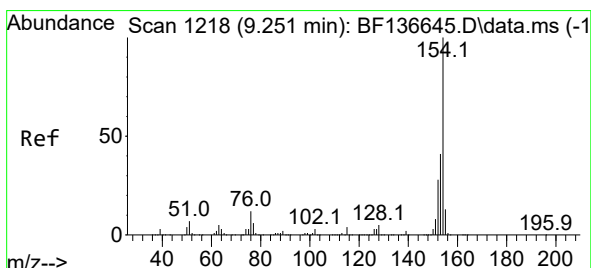
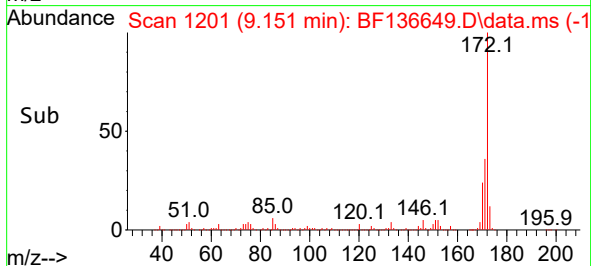
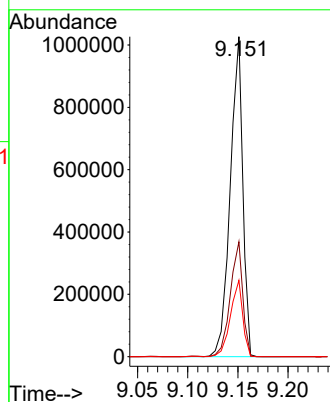
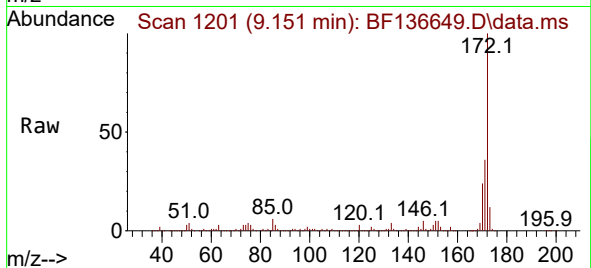
Tgt Ion:172 Resp: 891102

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 40.547 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

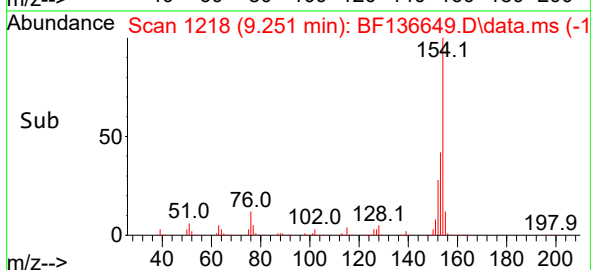
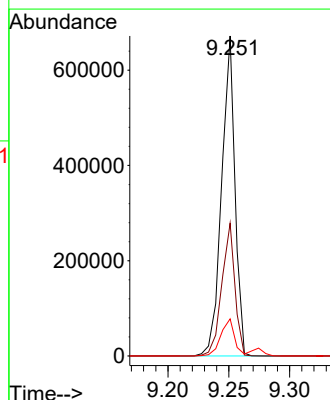
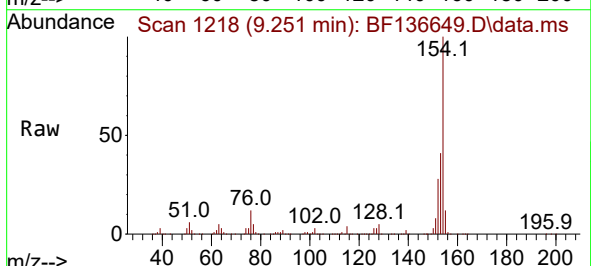
Tgt Ion:154 Resp: 513263

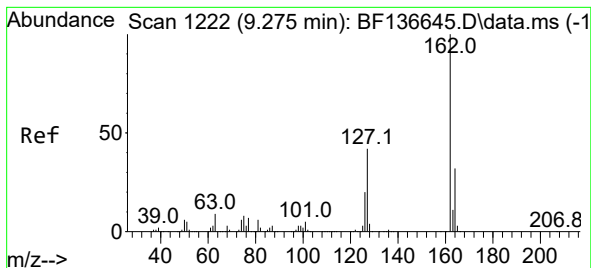
Ion Ratio Lower Upper

154 100

153 41.5 21.1 61.1

76 11.6 0.0 31.7





#47

2-Chloronaphthalene

Concen: 39.669 ng

RT: 9.275 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

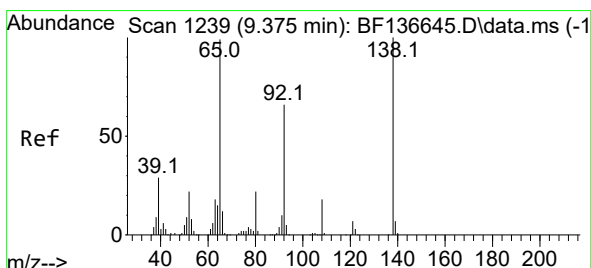
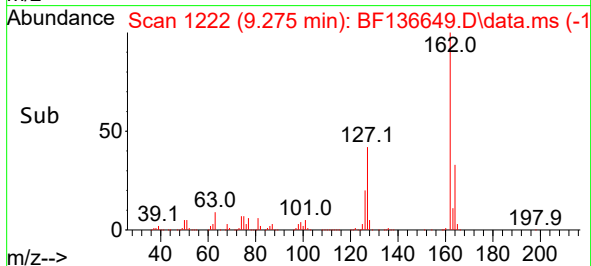
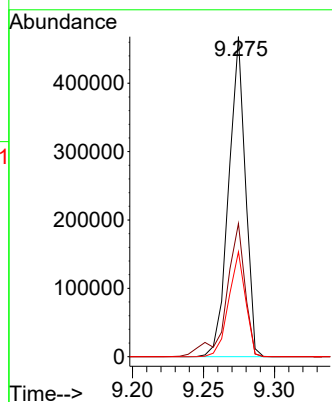
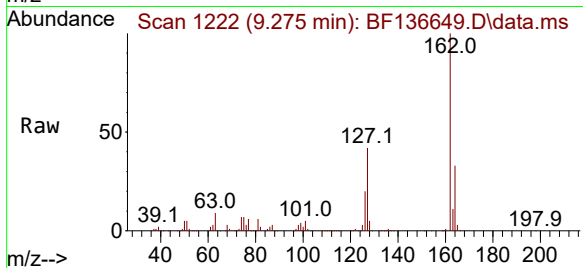
Tgt Ion:162 Resp: 381747

Ion Ratio Lower Upper

162 100

127 41.6 33.6 50.4

164 32.8 25.7 38.5



#48

2-Nitroaniline

Concen: 41.175 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

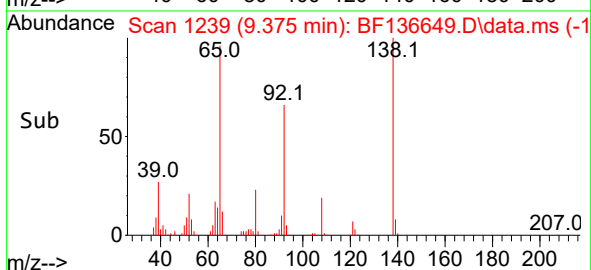
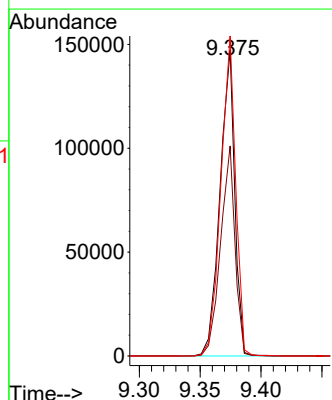
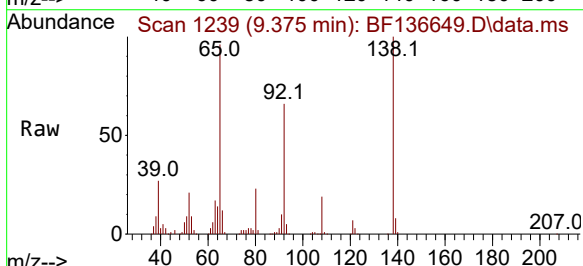
Tgt Ion: 65 Resp: 124079

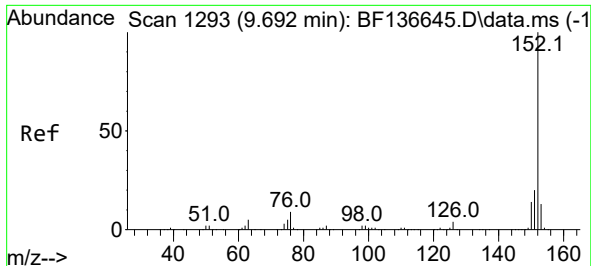
Ion Ratio Lower Upper

65 100

92 68.6 53.2 79.8

138 104.5 81.1 121.7

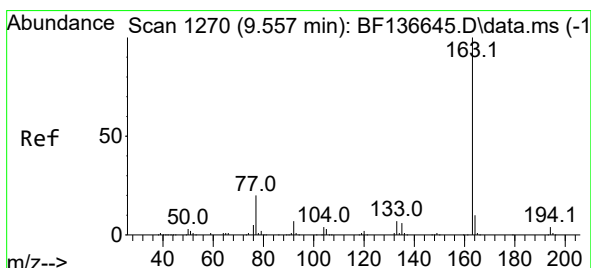
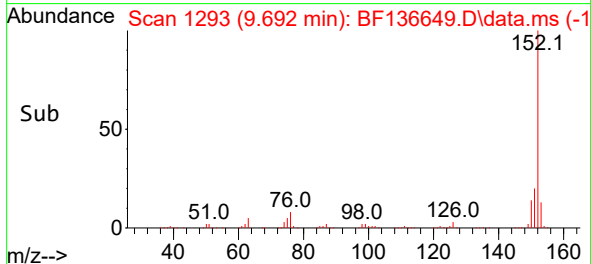
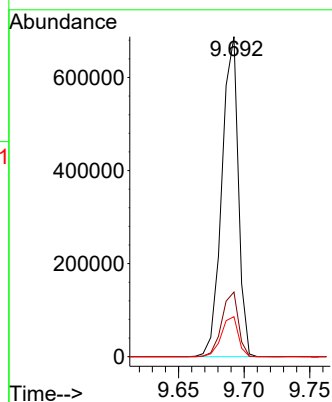
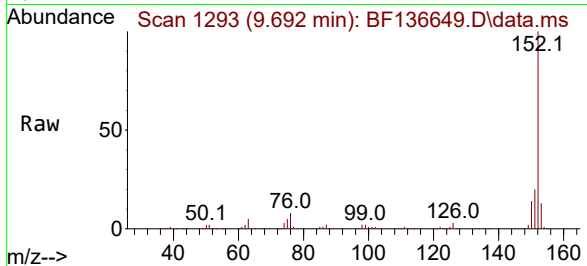




#49
Acenaphthylene
Concen: 40.741 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

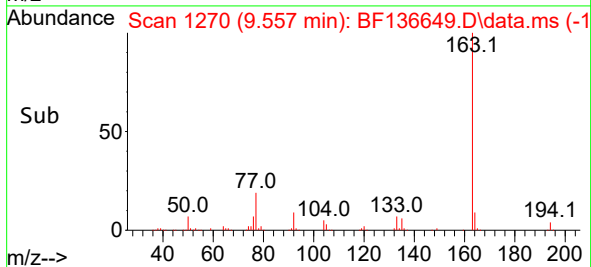
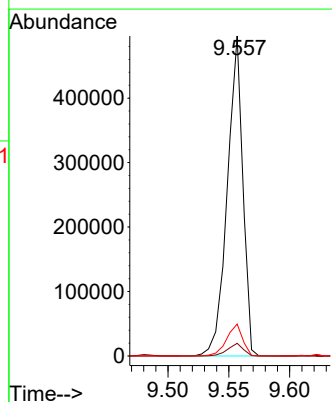
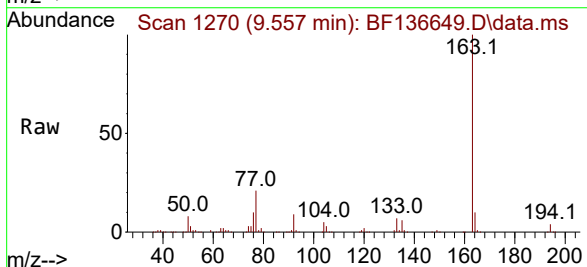
Instrument :
BNA_F
ClientSampleId :
ICVBF122023

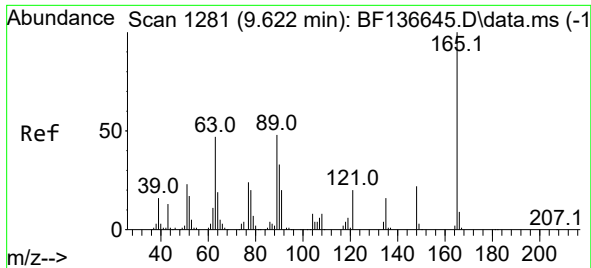
Tgt Ion:152 Resp: 599265
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 12.5 10.2 15.2



#50
Dimethylphthalate
Concen: 40.148 ng
RT: 9.557 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:163 Resp: 442365
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.0 7.8 11.6

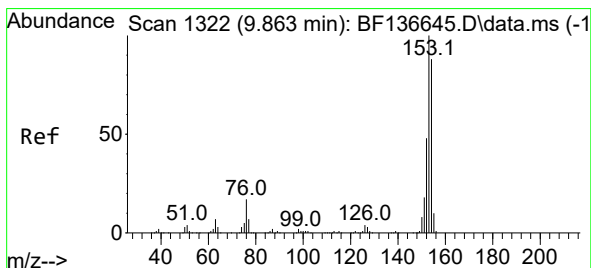
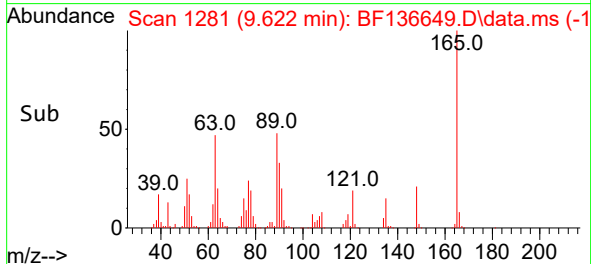
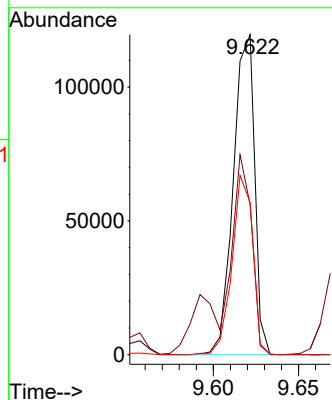
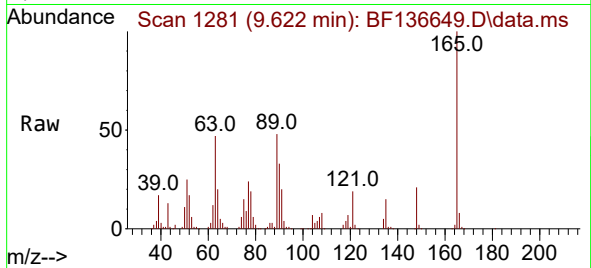




#51
2,6-Dinitrotoluene
Concen: 41.577 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

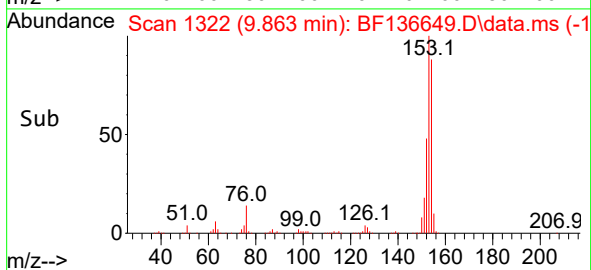
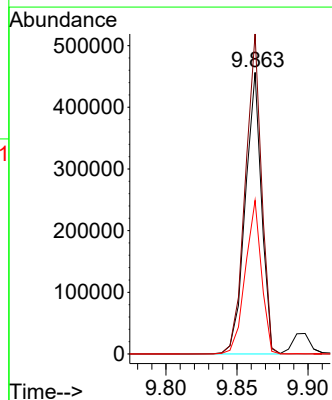
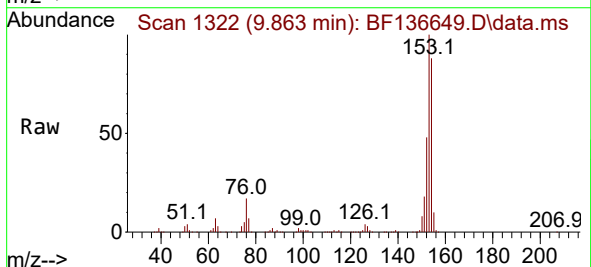
Instrument :
BNA_F
ClientSampleId :
ICVBF122023

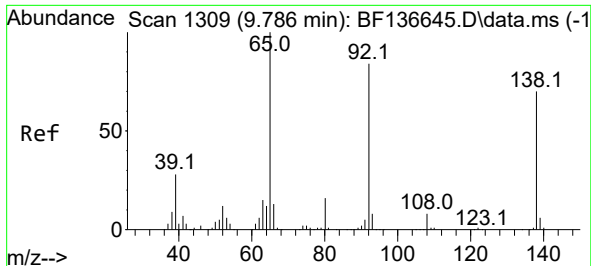
Tgt Ion:165 Resp: 103970
Ion Ratio Lower Upper
165 100
63 46.8 39.8 59.6
89 47.5 38.8 58.2



#52
Acenaphthene
Concen: 40.098 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:154 Resp: 365608
Ion Ratio Lower Upper
154 100
153 113.6 90.7 136.1
152 54.6 43.7 65.5

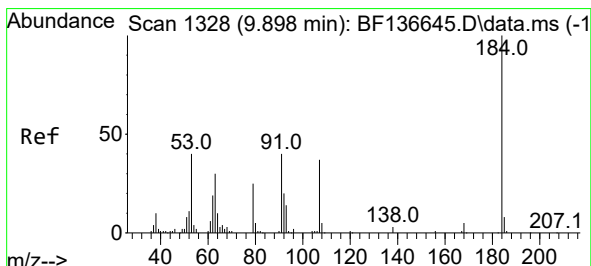
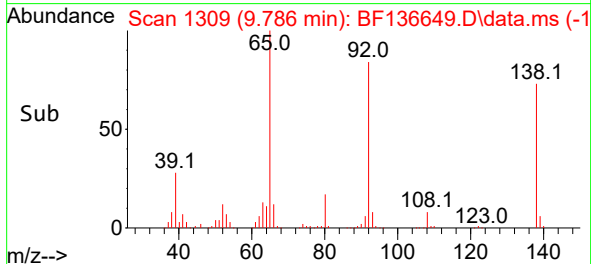
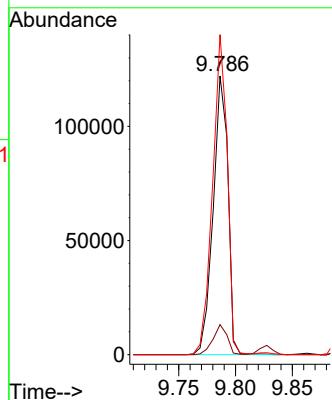
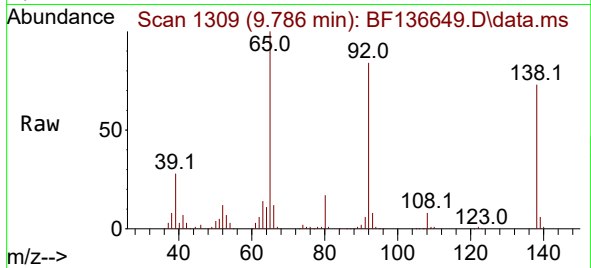




#53
3-Nitroaniline
Concen: 41.724 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

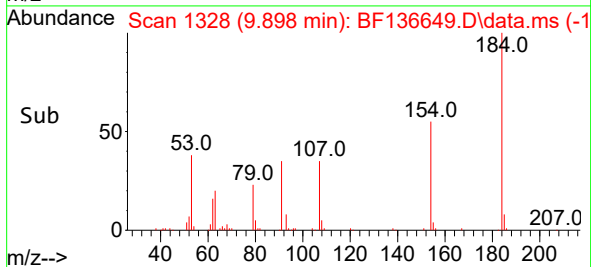
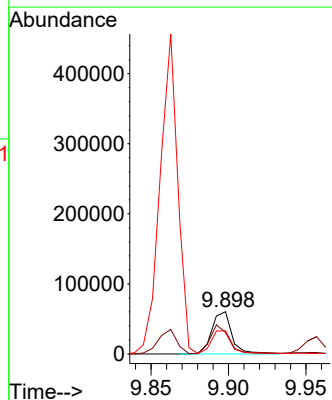
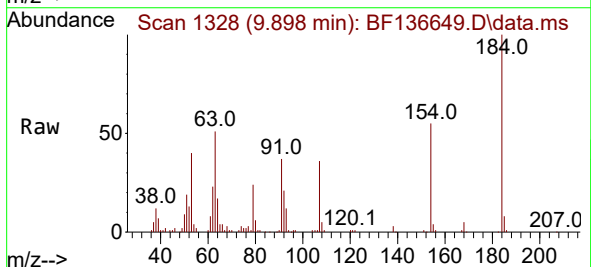
Instrument :
BNA_F
ClientSampleId :
ICVBF122023

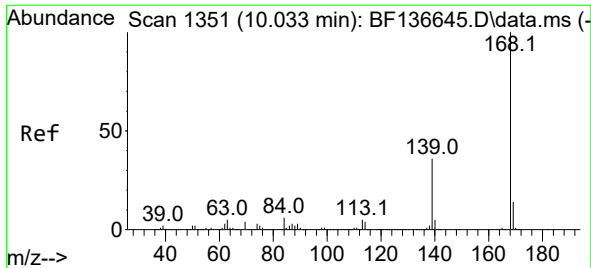
Tgt Ion:138 Resp: 110525
Ion Ratio Lower Upper
138 100
108 10.8 8.6 12.8
92 114.8 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 41.232 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:184 Resp: 54512
Ion Ratio Lower Upper
184 100
63 51.2 40.9 61.3
154 55.0 42.7 64.1

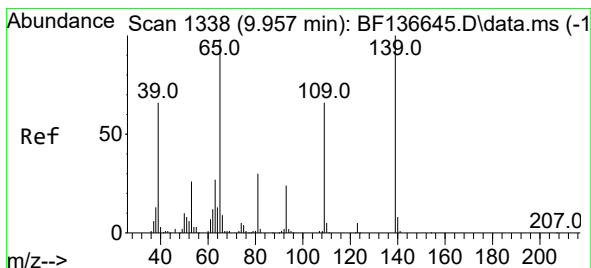
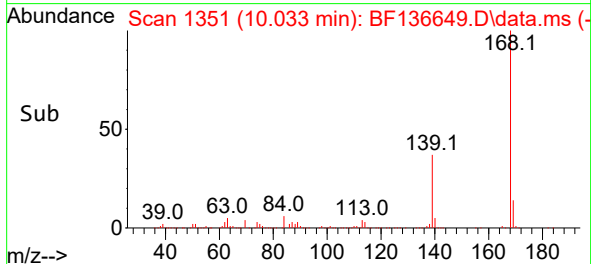
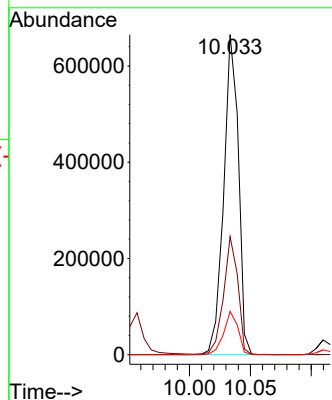
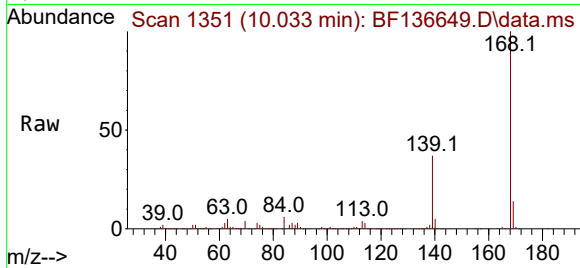




#55
Dibenzenofuran
Concen: 40.475 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

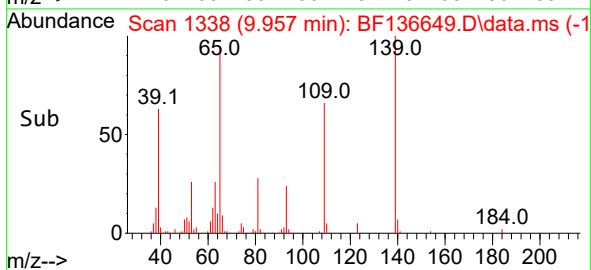
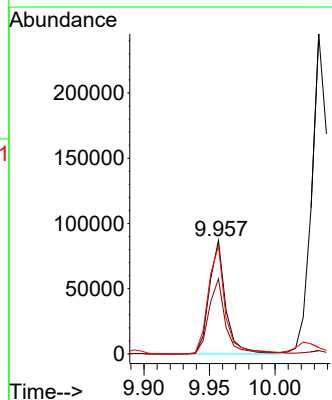
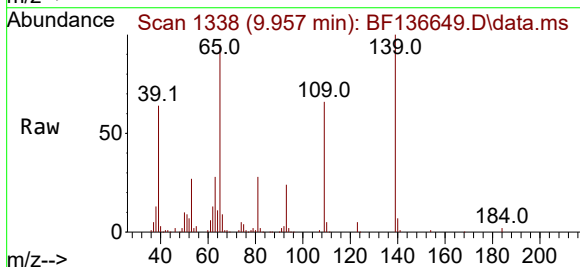
Instrument :
BNA_F
ClientSampleId :
ICVBF122023

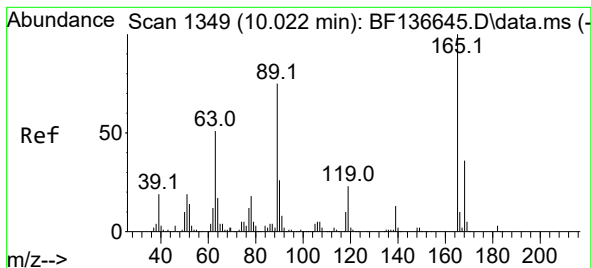
Tgt Ion:168 Resp: 559421
Ion Ratio Lower Upper
168 100
139 36.9 29.3 43.9
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 42.832 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:139 Resp: 76592
Ion Ratio Lower Upper
139 100
109 66.2 45.8 85.8
65 95.4 77.8 117.8

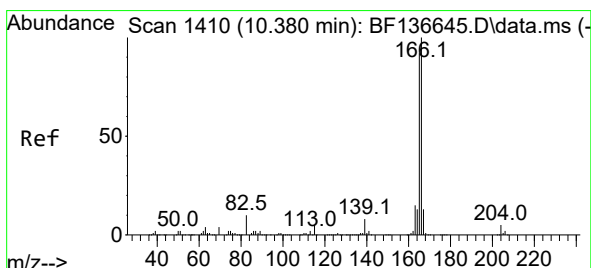
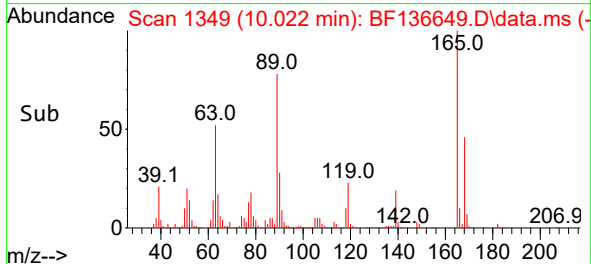
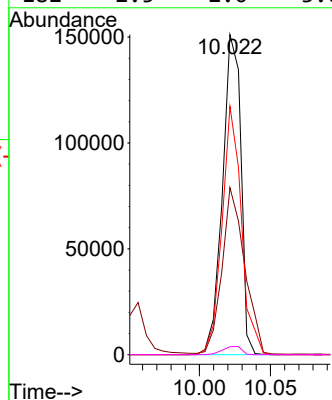
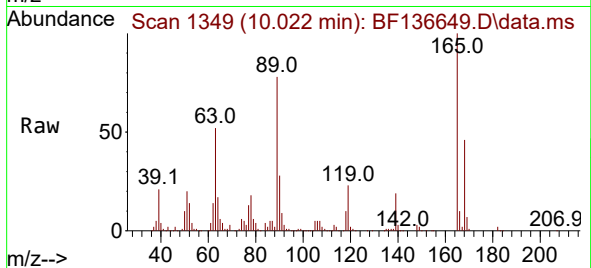




#57
2,4-Dinitrotoluene
Concen: 41.819 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

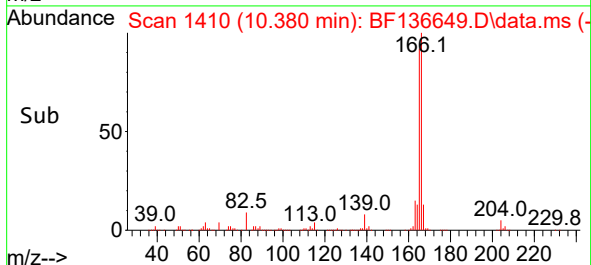
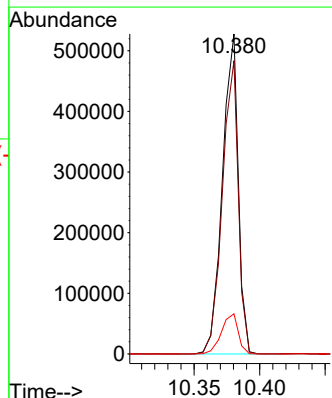
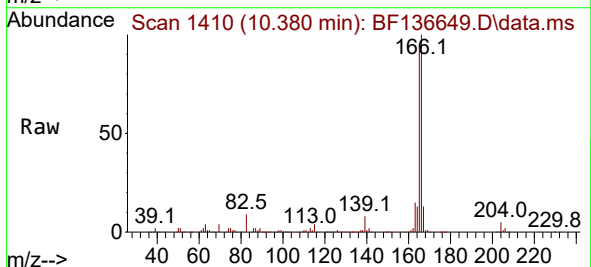
Instrument :
BNA_F
ClientSampleId :
ICVBF122023

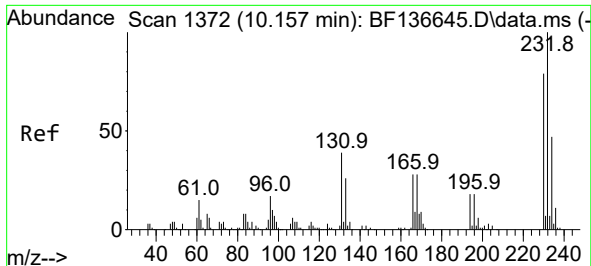
Tgt Ion:165 Resp: 135756
Ion Ratio Lower Upper
165 100
63 52.2 41.0 61.6
89 77.6 59.9 89.9
182 2.5 2.0 3.0



#58
Fluorene
Concen: 40.281 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:166 Resp: 441753
Ion Ratio Lower Upper
166 100
165 91.7 73.7 110.5
167 12.6 10.4 15.6

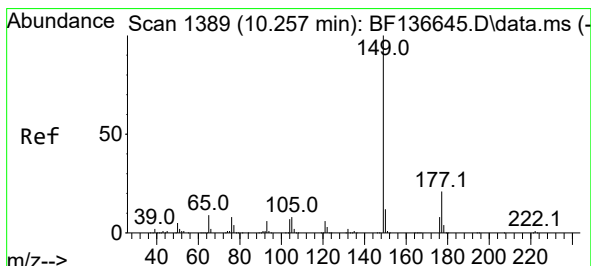
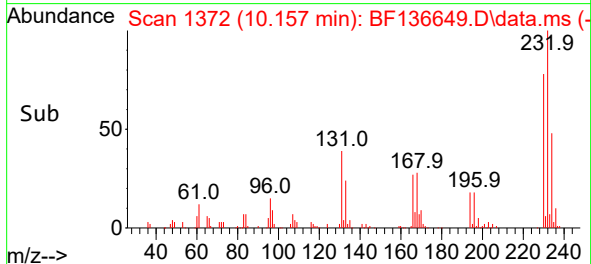
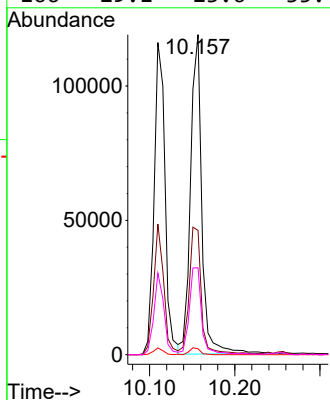
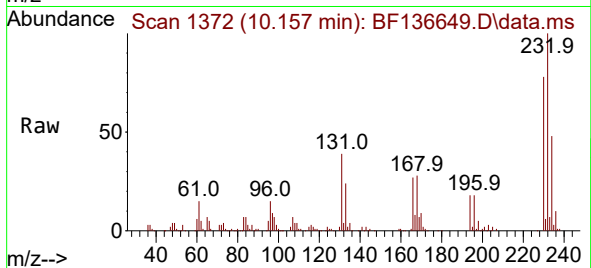




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.572 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

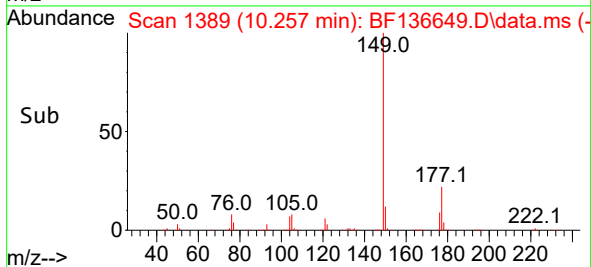
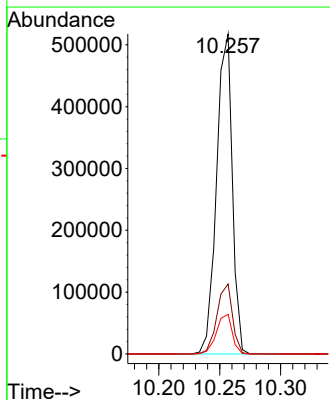
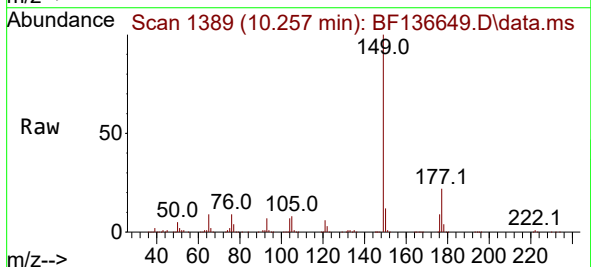
Instrument :
BNA_F
ClientSampleId :
ICVBF122023

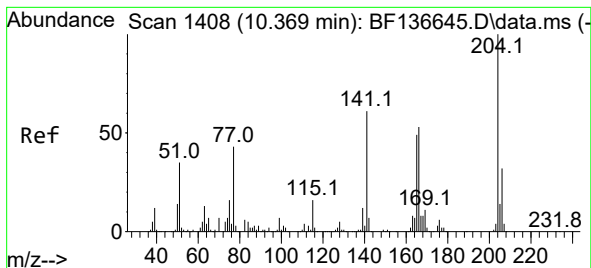
Tgt Ion:232 Resp: 109411
Ion Ratio Lower Upper
232 100
131 43.2 35.1 52.7
130 2.1 1.6 2.4
166 29.1 23.6 35.4



#60
Diethylphthalate
Concen: 40.723 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:149 Resp: 465552
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 12.4 9.3 13.9

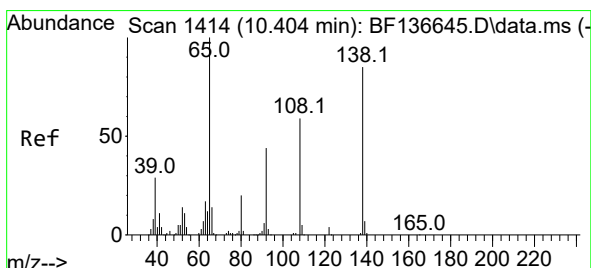
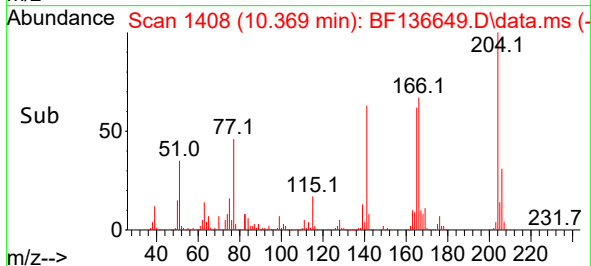
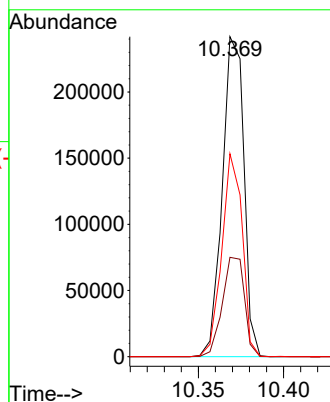
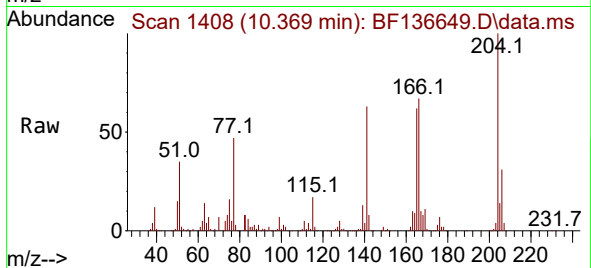




#61
4-Chlorophenyl-phenylether
Concen: 39.885 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

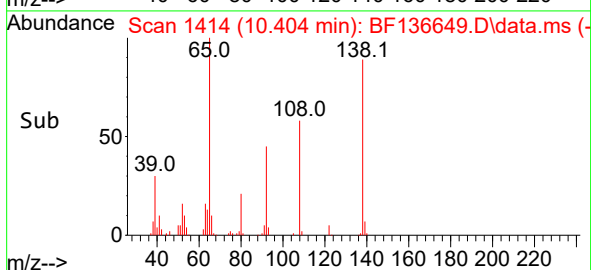
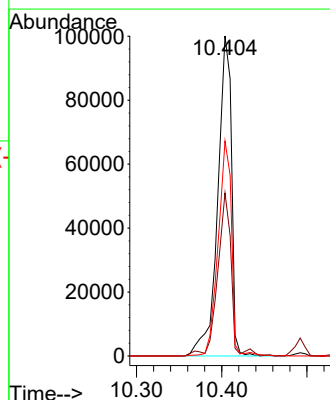
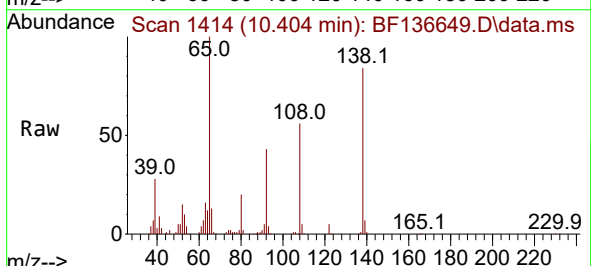
Instrument :
BNA_F
ClientSampleId :
ICVBF122023

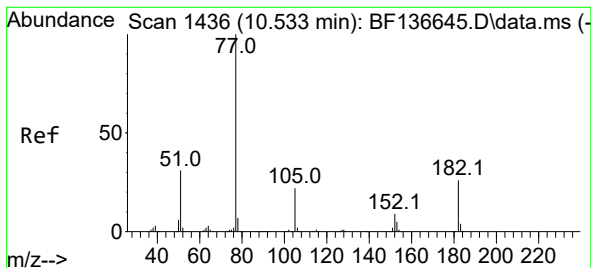
Tgt Ion:204 Resp: 212610
Ion Ratio Lower Upper
204 100
206 31.0 25.6 38.4
141 63.4 48.4 72.6



#62
4-Nitroaniline
Concen: 44.035 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:138 Resp: 112449
Ion Ratio Lower Upper
138 100
92 51.0 32.1 72.1
108 67.1 50.1 90.1





#63

Azobenzene

Concen: 40.640 ng

RT: 10.533 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

Tgt Ion: 77 Resp: 433948

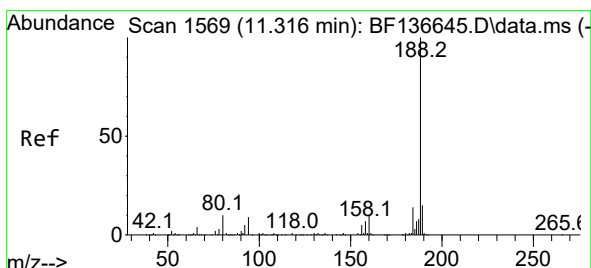
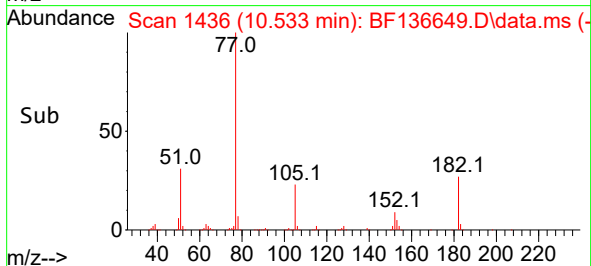
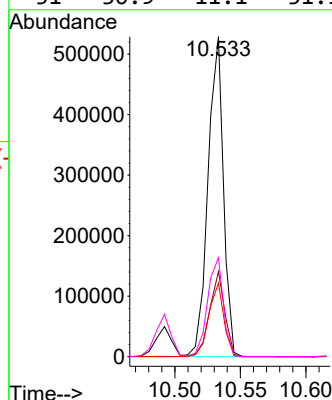
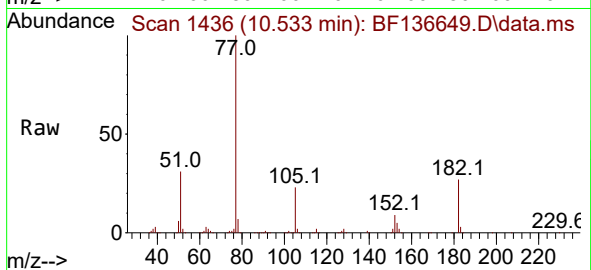
Ion Ratio Lower Upper

77 100

182 26.6 6.0 46.0

105 23.0 2.3 42.3

51 30.9 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

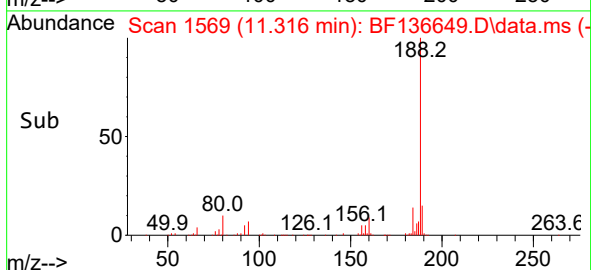
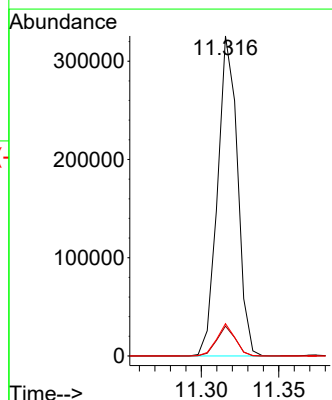
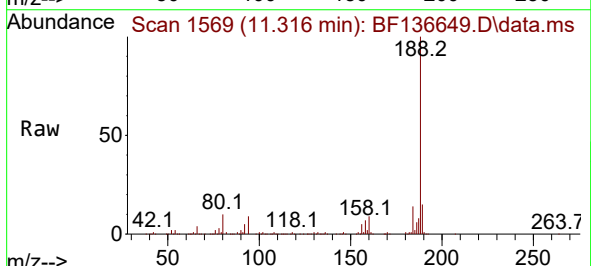
Tgt Ion:188 Resp: 291124

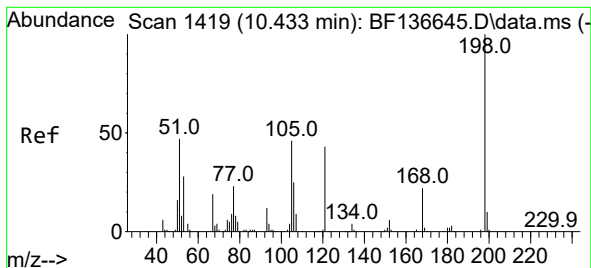
Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

80 10.1 8.1 12.1

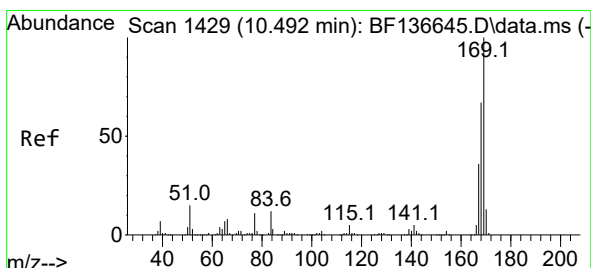
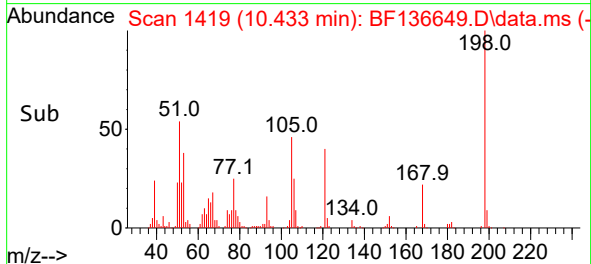
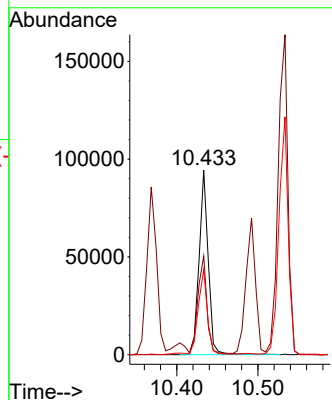
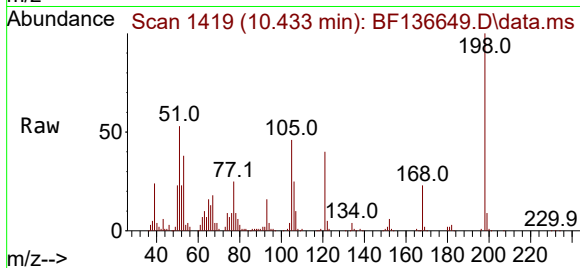




#65
4,6-Dinitro-2-methylphenol
Concen: 44.484 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

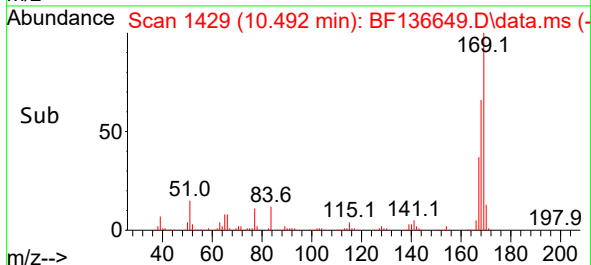
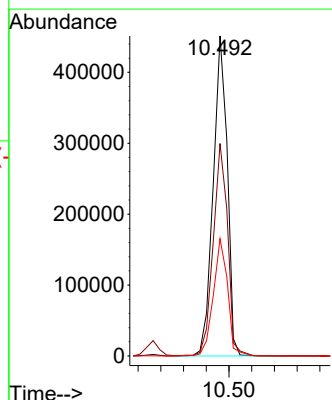
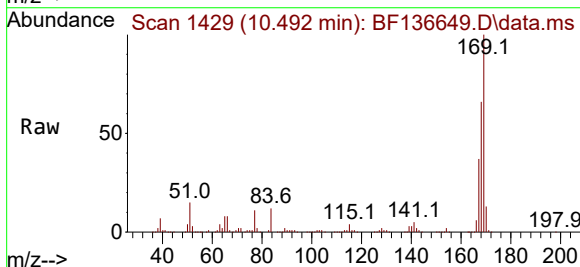
Instrument :
BNA_F
ClientSampleId :
ICVBF122023

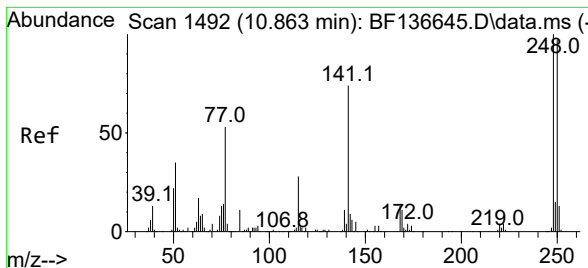
Tgt Ion:198 Resp: 74219
Ion Ratio Lower Upper
198 100
51 53.4 34.1 74.1
105 46.0 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 41.009 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:169 Resp: 387827
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.6
167 36.7 28.7 43.1

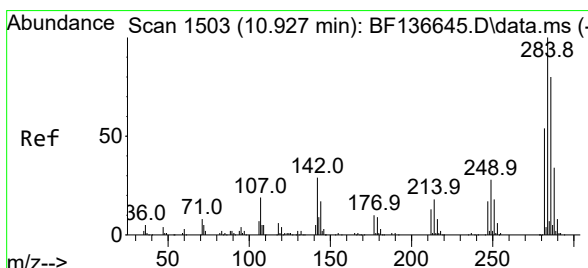
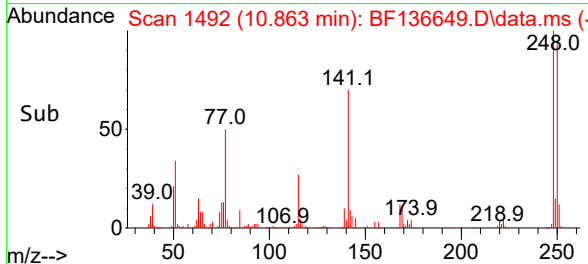
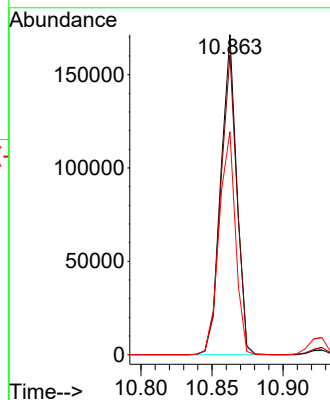
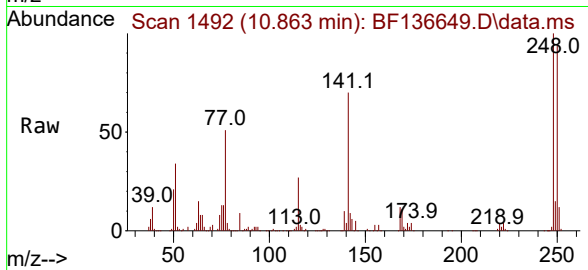




#67
4-Bromophenyl-phenylether
Concen: 41.272 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

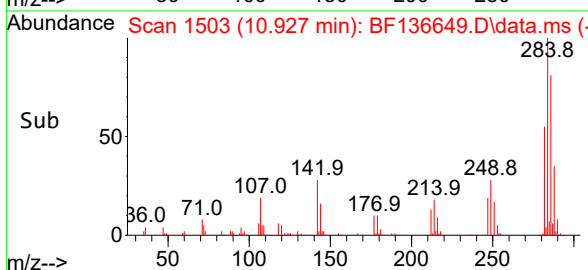
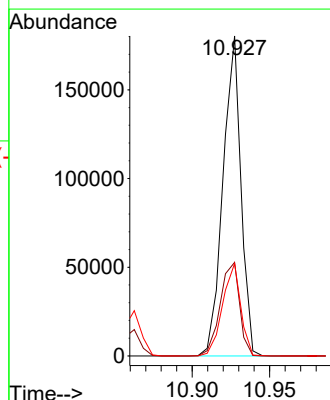
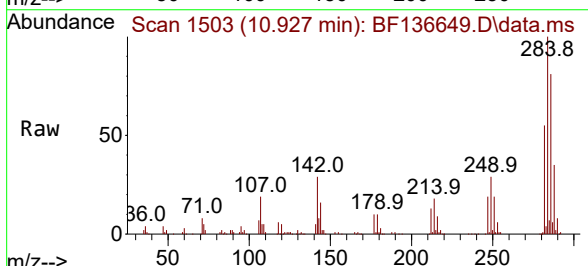
Instrument :
BNA_F
ClientSampleId :
ICVBF122023

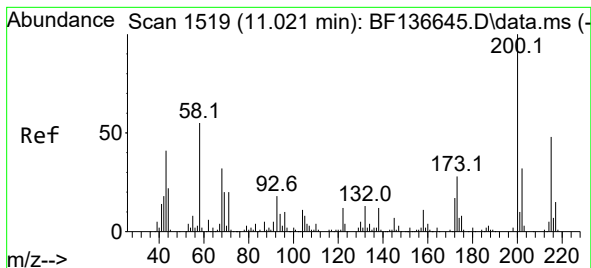
Tgt Ion:248 Resp: 133439
Ion Ratio Lower Upper
248 100
250 93.8 77.8 116.6
141 69.7 59.2 88.8



#68
Hexachlorobenzene
Concen: 40.265 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:284 Resp: 145076
Ion Ratio Lower Upper
284 100
142 29.2 23.4 35.0
249 28.9 22.3 33.5





#69

Atrazine

Concen: 33.998 ng

RT: 11.021 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

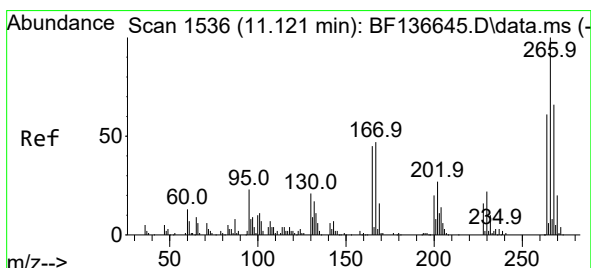
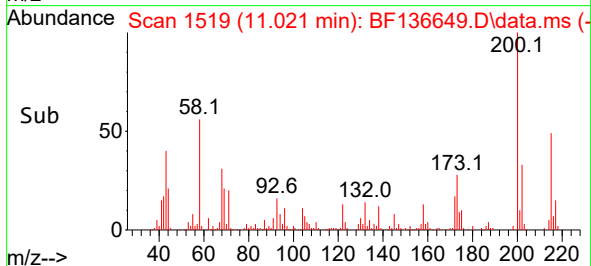
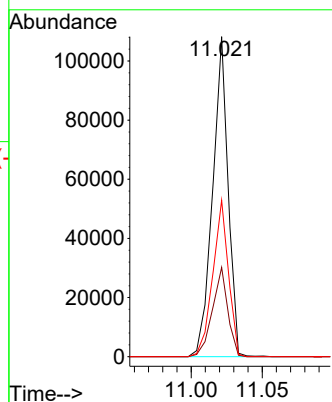
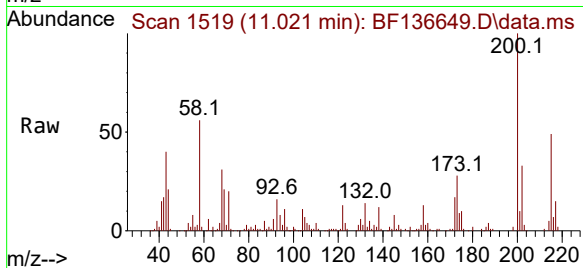
Tgt Ion:200 Resp: 82236

Ion Ratio Lower Upper

200 100

173 27.9 7.6 47.6

215 48.9 28.3 68.3



#70

Pentachlorophenol

Concen: 44.128 ng

RT: 11.121 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

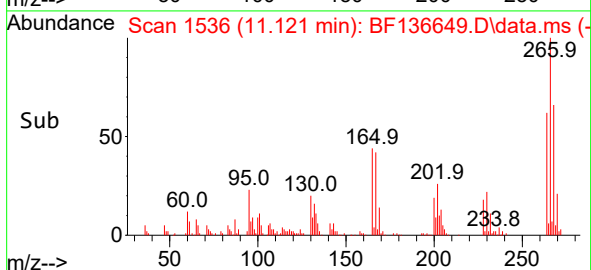
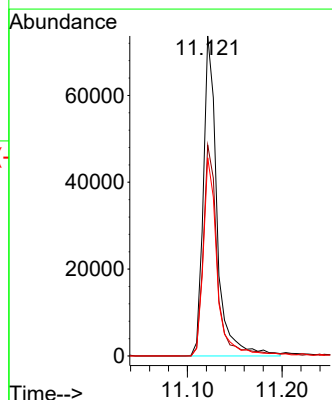
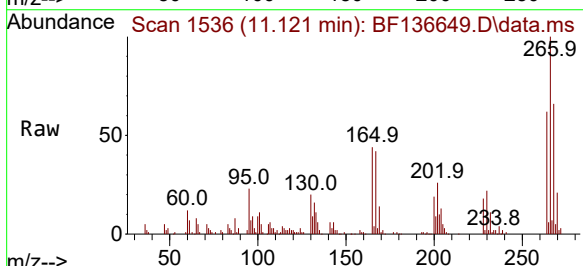
Tgt Ion:266 Resp: 74110

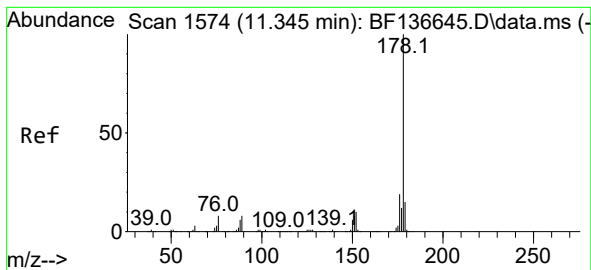
Ion Ratio Lower Upper

266 100

268 65.9 52.6 78.8

264 62.0 49.0 73.4





#71

Phenanthrene

Concen: 40.386 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

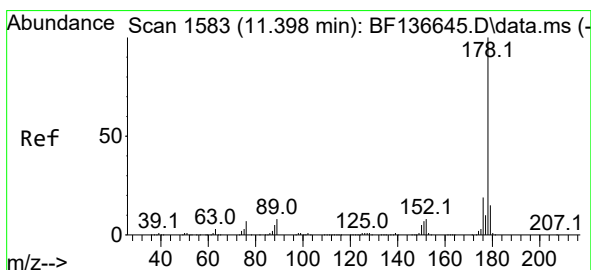
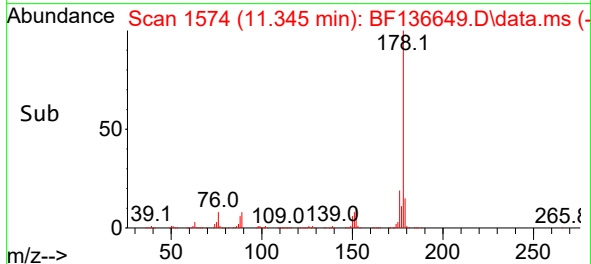
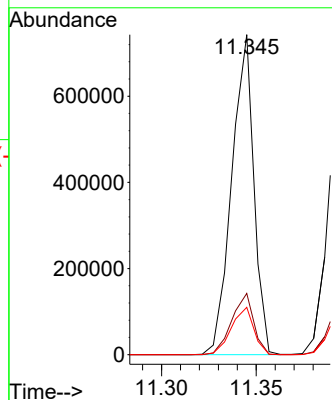
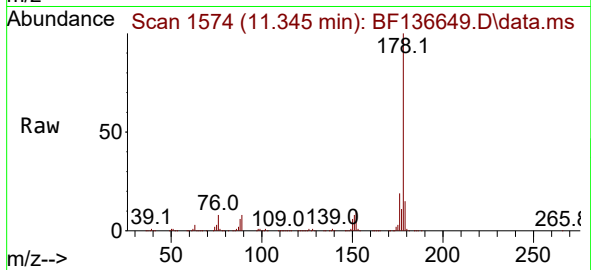
Tgt Ion:178 Resp: 603283

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 14.8 11.9 17.9



#72

Anthracene

Concen: 40.132 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

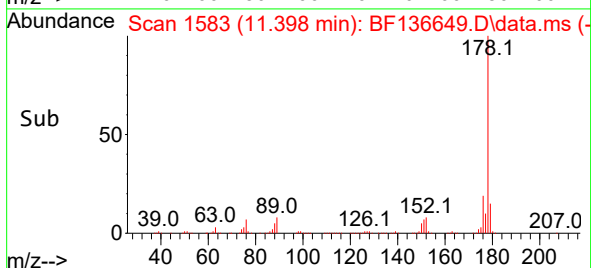
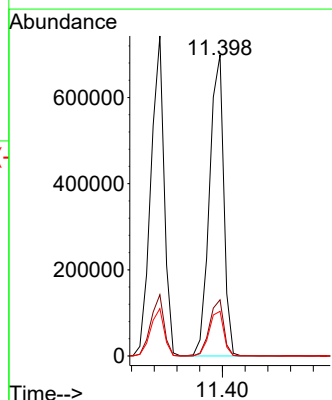
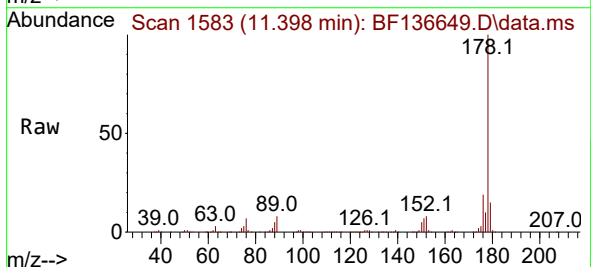
Tgt Ion:178 Resp: 607116

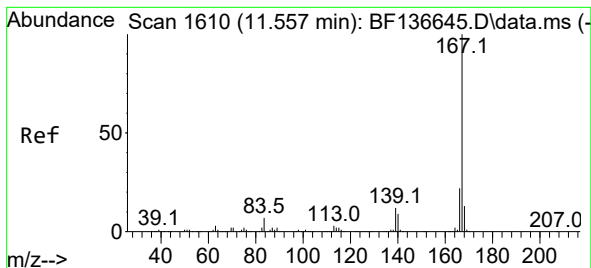
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 14.8 11.8 17.6





#73

Carbazole

Concen: 40.386 ng

RT: 11.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

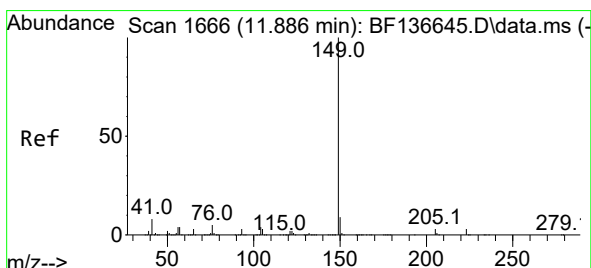
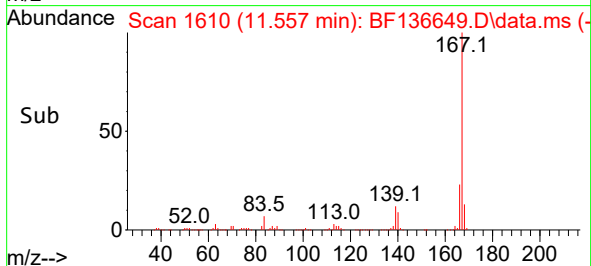
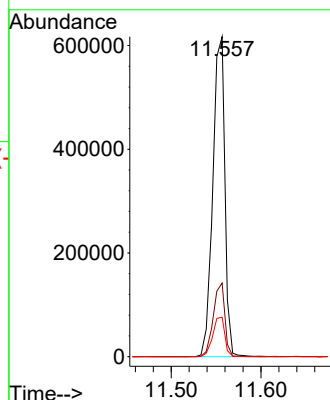
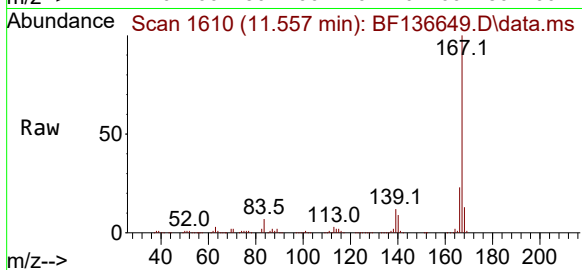
Tgt Ion:167 Resp: 576026

Ion Ratio Lower Upper

167 100

166 23.0 17.3 25.9

139 12.4 9.8 14.6



#74

Di-n-butylphthalate

Concen: 41.779 ng

RT: 11.886 min Scan# 1666

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

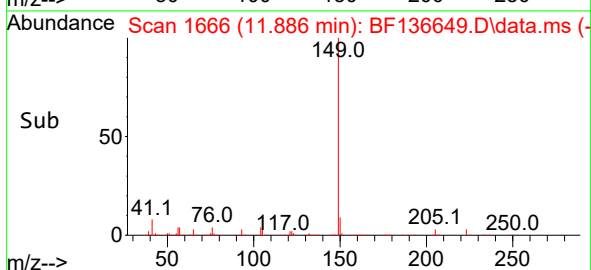
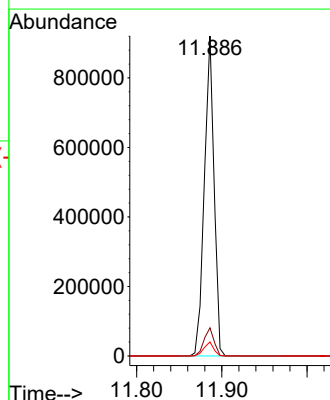
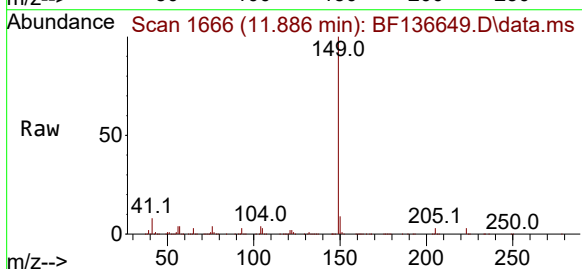
Tgt Ion:149 Resp: 727134

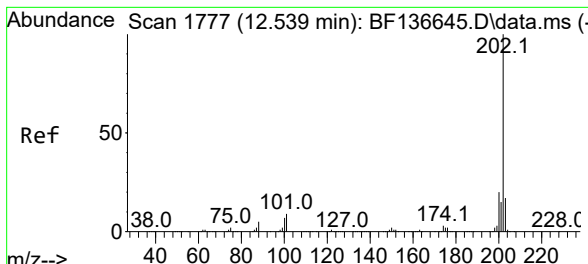
Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

104 4.4 3.6 5.4



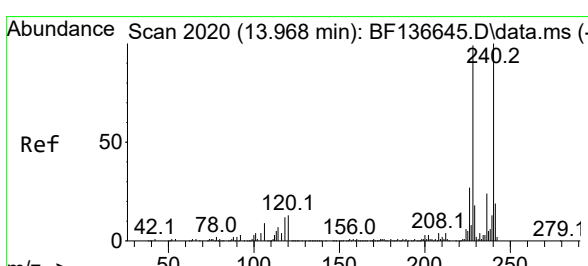
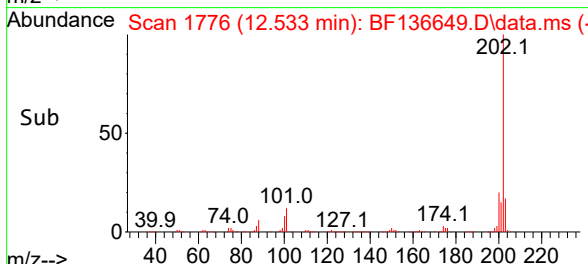
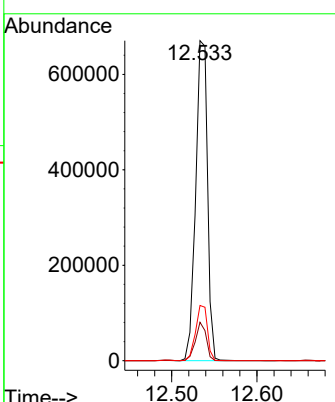
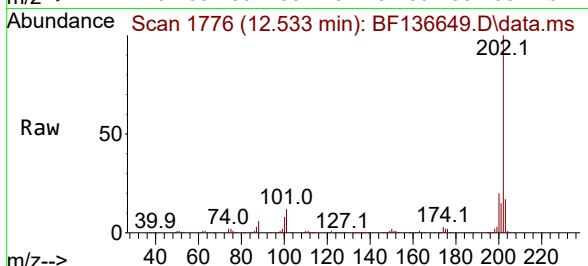


#75
 Fluoranthene
 Concen: 40.391 ng
 RT: 12.533 min Scan# 1776
 Delta R.T. -0.006 min
 Lab File: BF136649.D
 Acq: 20 Dec 2023 15:50

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122023

Tgt Ion: 202 Resp: 645375

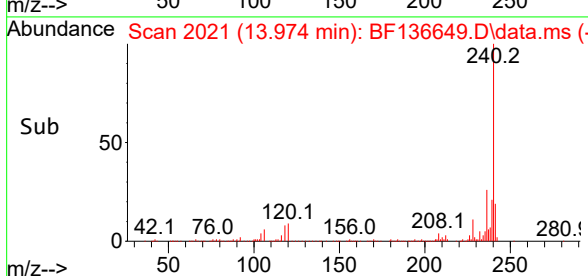
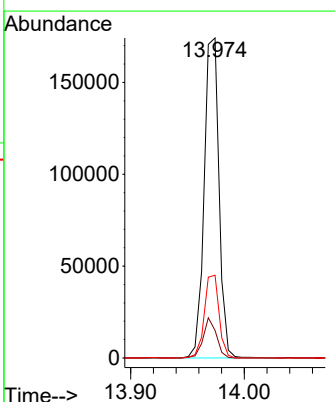
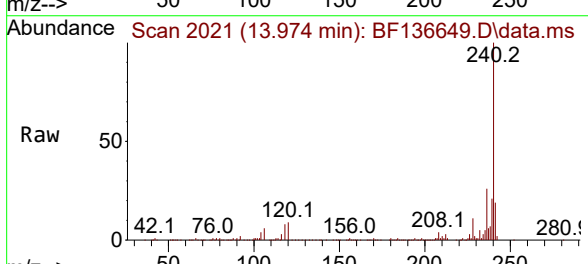
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	29.3
203	17.3	0.0	37.1

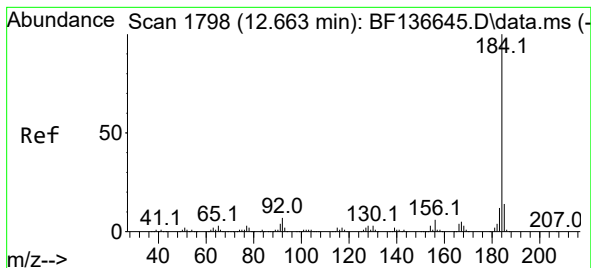


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.974 min Scan# 2021
 Delta R.T. 0.006 min
 Lab File: BF136649.D
 Acq: 20 Dec 2023 15:50

Tgt Ion: 240 Resp: 157872

Ion	Ratio	Lower	Upper
240	100		
120	8.6	10.3	15.5
236	25.9	19.4	29.2





#77

Benzidine

Concen: 34.386 ng

RT: 12.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

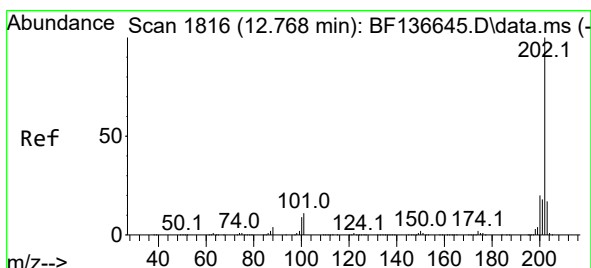
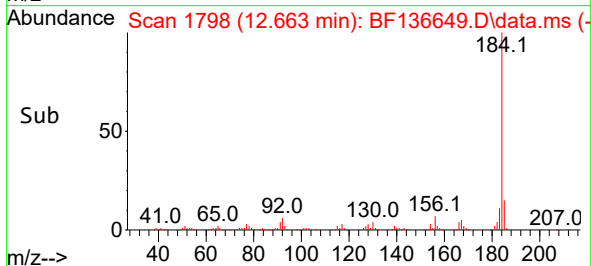
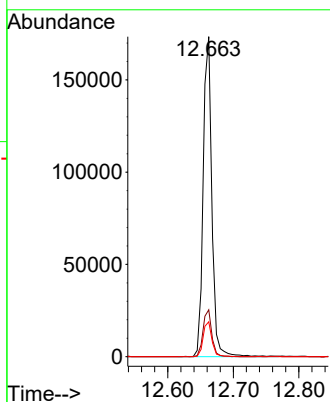
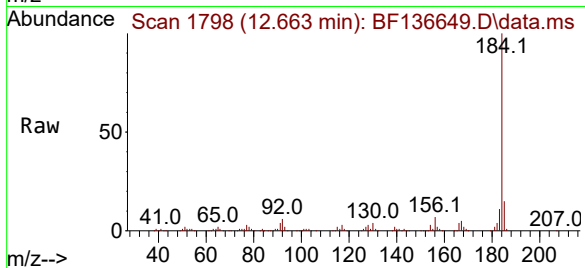
Tgt Ion:184 Resp: 160064

Ion Ratio Lower Upper

184 100

185 14.7 11.2 16.8

183 10.9 9.3 13.9



#78

Pyrene

Concen: 41.682 ng

RT: 12.768 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

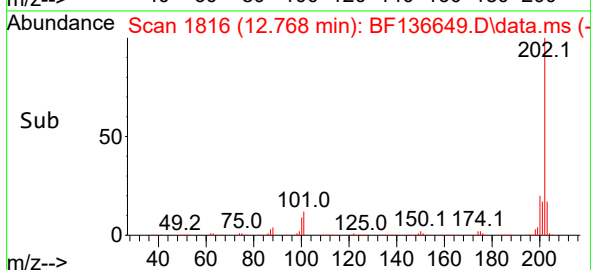
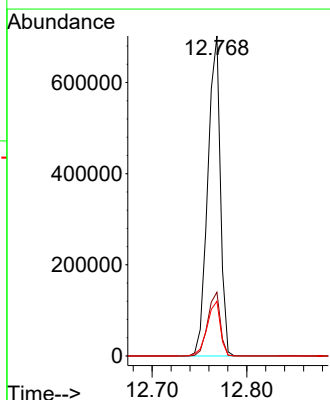
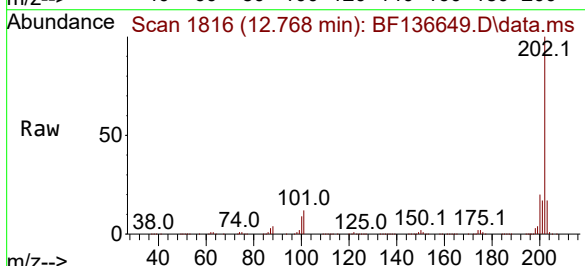
Tgt Ion:202 Resp: 645985

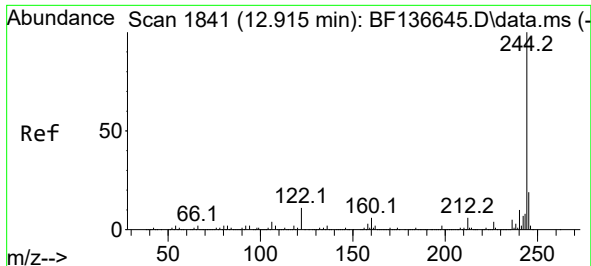
Ion Ratio Lower Upper

202 100

200 19.9 15.9 23.9

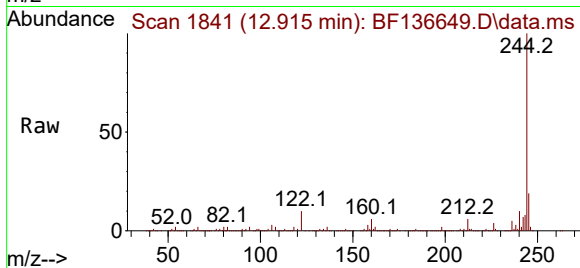
203 17.1 13.8 20.6



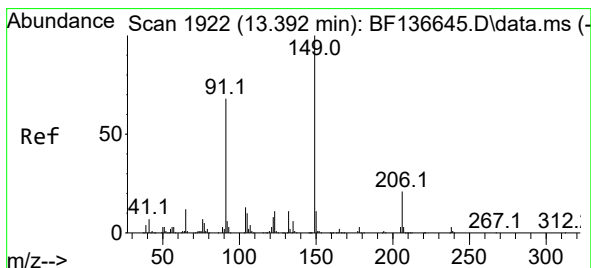
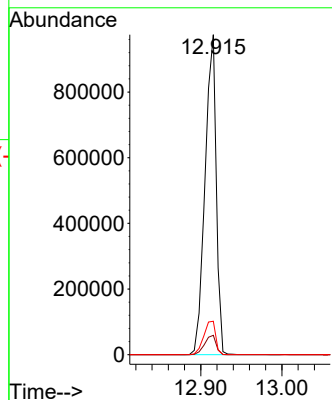
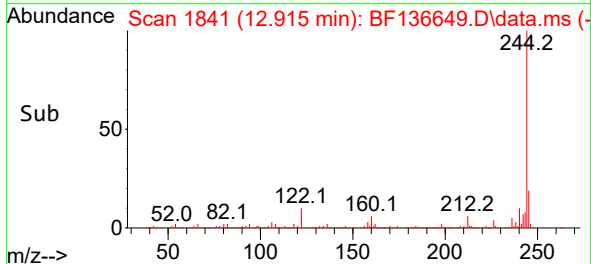


#79
 Terphenyl-d14
 Concen: 82.494 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF136649.D
 Acq: 20 Dec 2023 15:50

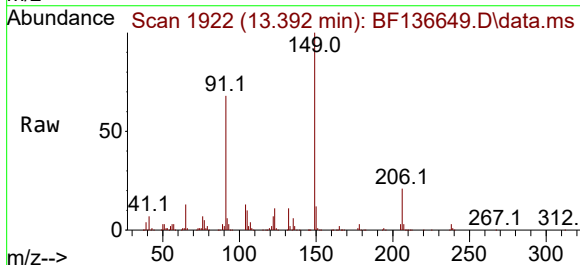
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122023



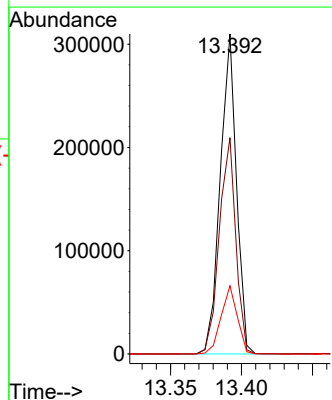
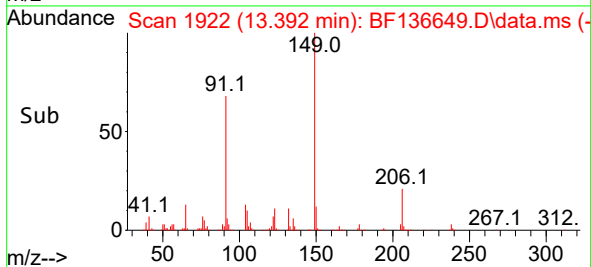
Tgt Ion:244 Resp: 931933
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 10.4 9.0 13.4

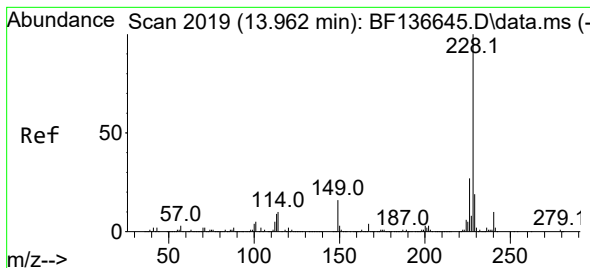


#80
 Butylbenzylphthalate
 Concen: 43.557 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. 0.000 min
 Lab File: BF136649.D
 Acq: 20 Dec 2023 15:50



Tgt Ion:149 Resp: 245625
 Ion Ratio Lower Upper
 149 100
 91 67.6 54.1 81.1
 206 21.3 17.1 25.7





#81

Benzo(a)anthracene

Concen: 41.384 ng

RT: 13.962 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

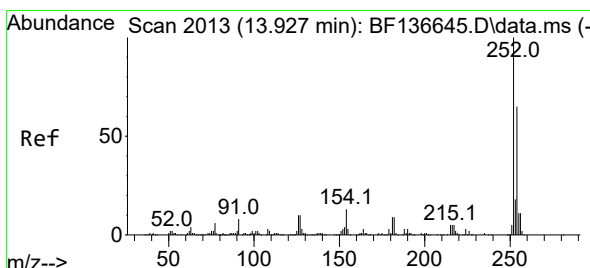
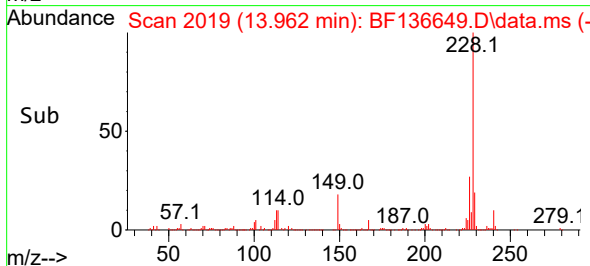
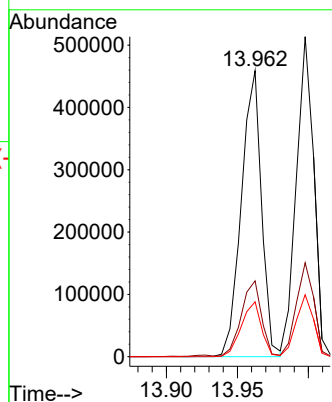
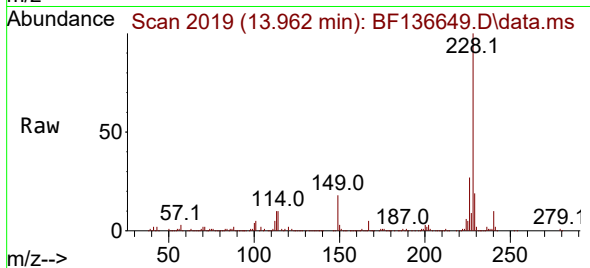
Tgt Ion:228 Resp: 453675

Ion Ratio Lower Upper

228 100

226 26.5 21.4 32.0

229 19.2 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 40.705 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

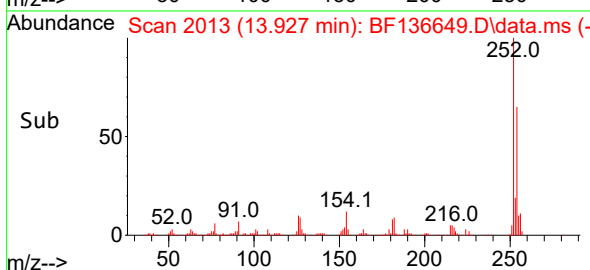
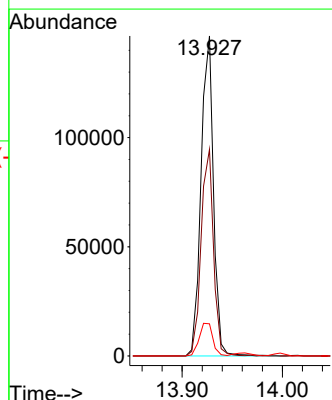
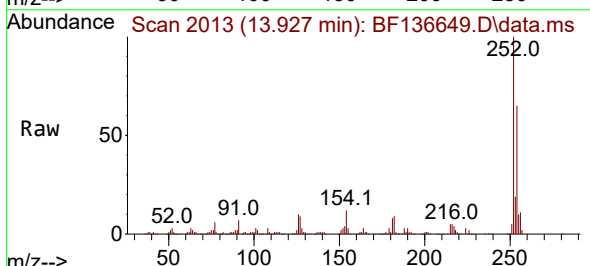
Tgt Ion:252 Resp: 126724

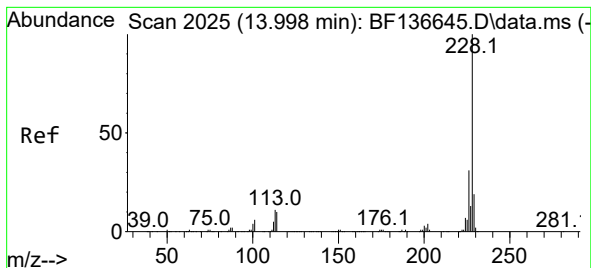
Ion Ratio Lower Upper

252 100

254 64.5 52.2 78.4

126 10.0 8.0 12.0





#83

Chrysene

Concen: 41.042 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

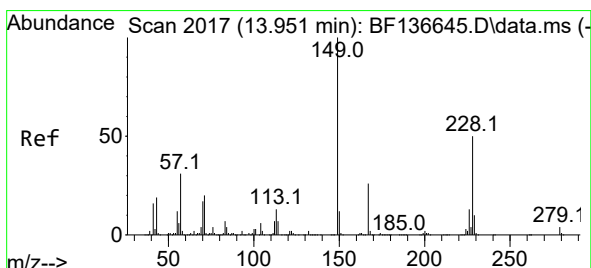
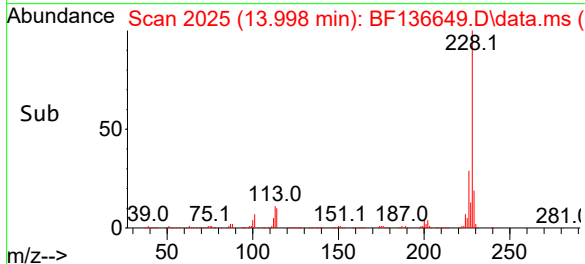
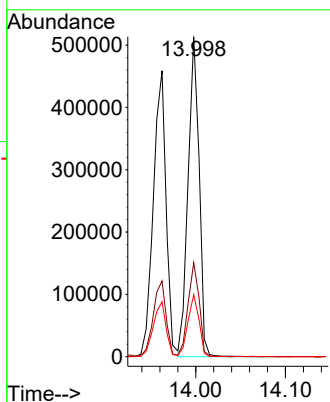
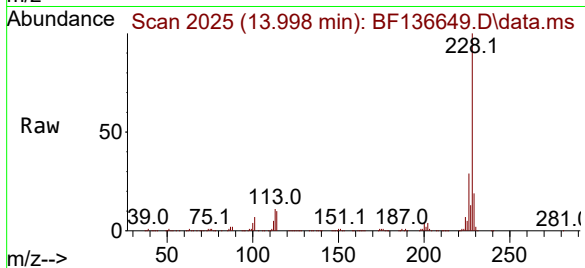
Tgt Ion:228 Resp: 439975

Ion Ratio Lower Upper

228 100

226 29.3 24.7 37.1

229 19.4 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.771 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

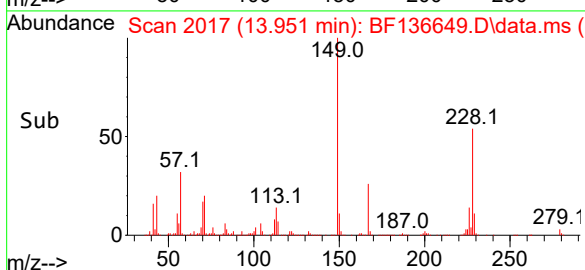
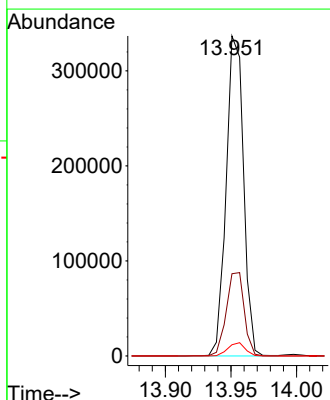
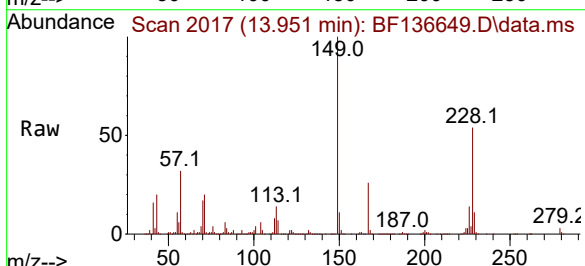
Tgt Ion:149 Resp: 310560

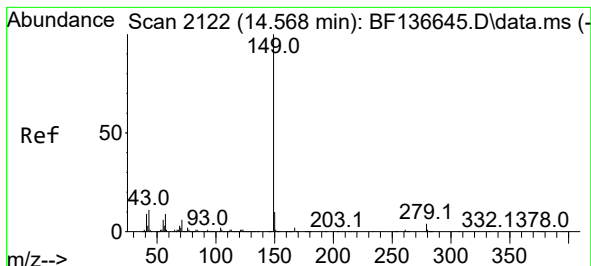
Ion Ratio Lower Upper

149 100

167 25.7 20.9 31.3

279 3.5 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 44.652 ng

RT: 14.568 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

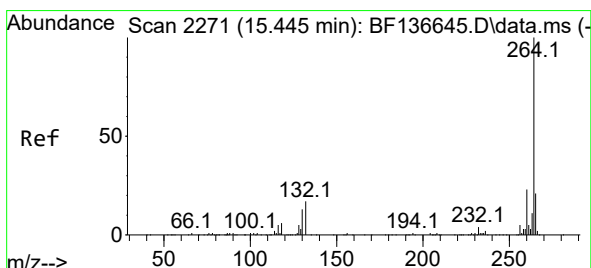
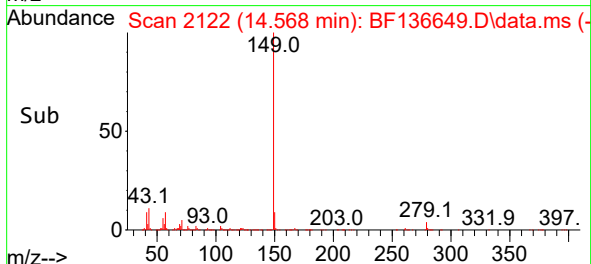
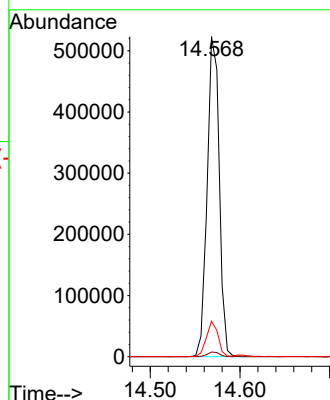
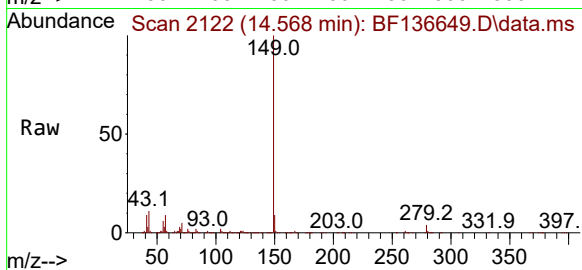
Tgt Ion:149 Resp: 490058

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.9 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

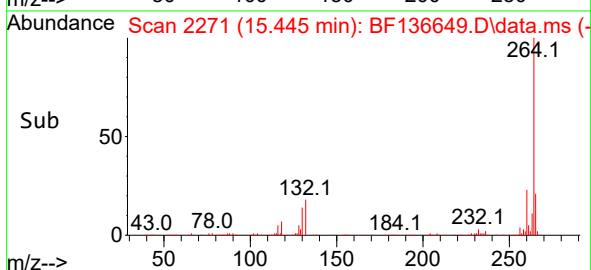
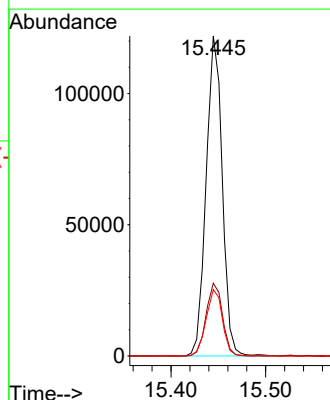
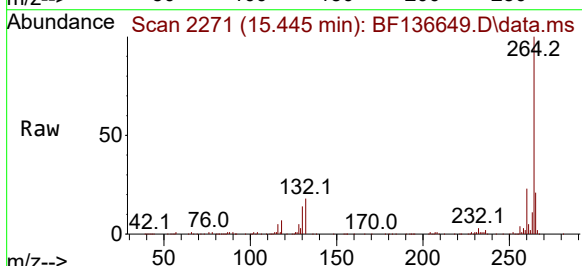
Tgt Ion:264 Resp: 144344

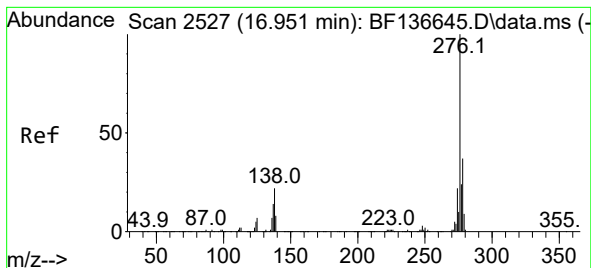
Ion Ratio Lower Upper

264 100

260 22.8 18.3 27.5

265 20.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.465 ng

RT: 16.951 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

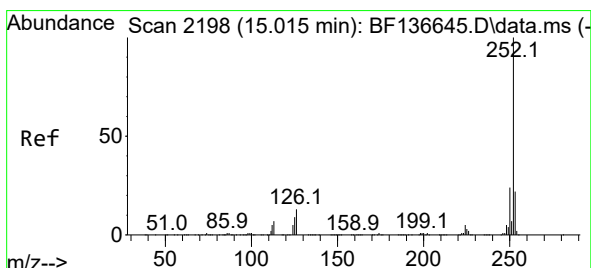
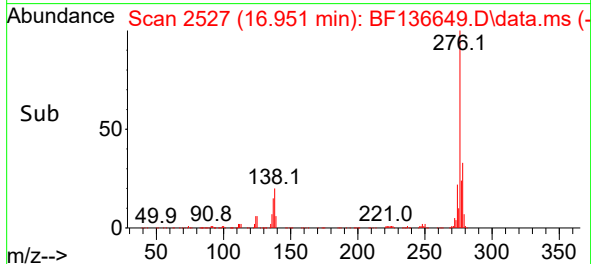
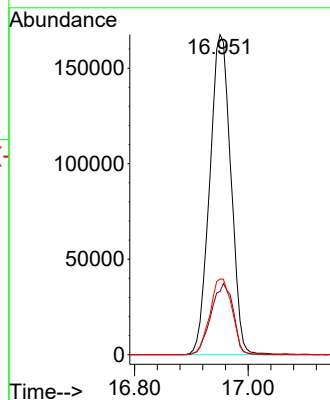
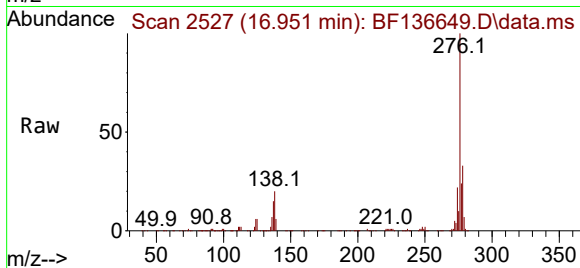
Tgt Ion:276 Resp: 432144

Ion Ratio Lower Upper

276 100

138 23.4 18.7 28.1

277 24.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 38.697 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

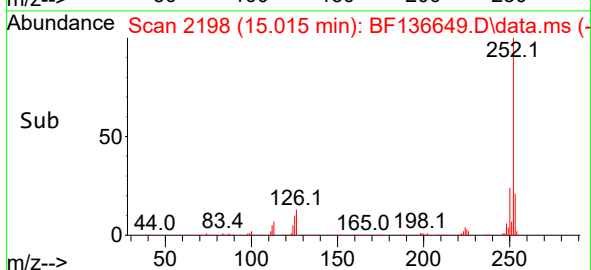
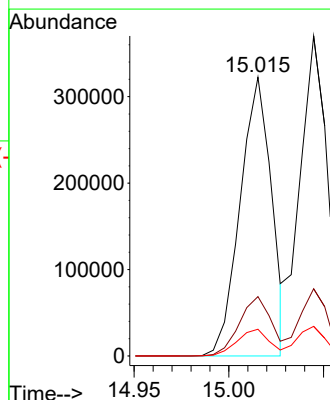
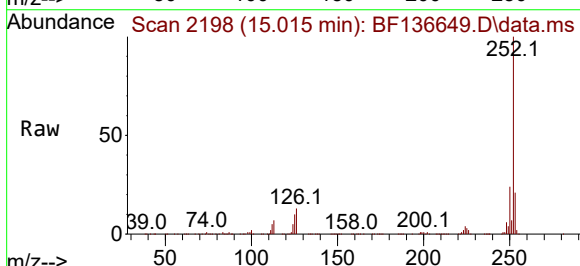
Tgt Ion:252 Resp: 373076

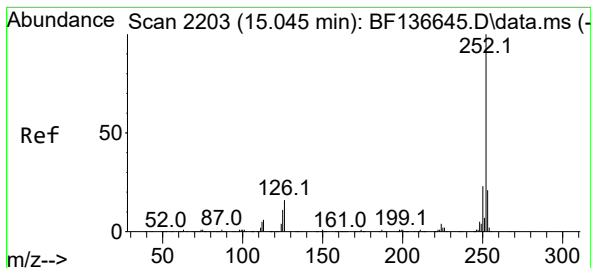
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 9.6 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 40.435 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

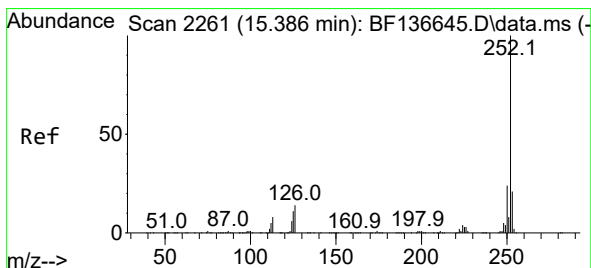
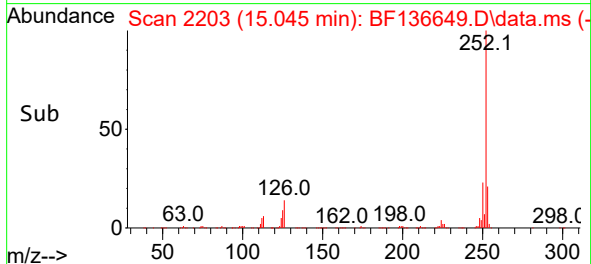
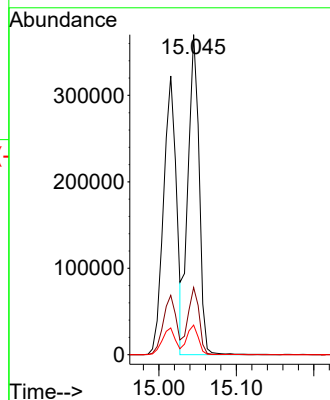
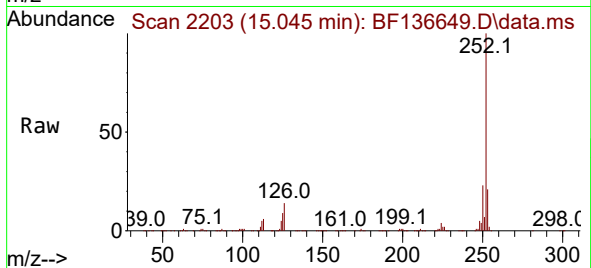
Tgt Ion:252 Resp: 368352

Ion Ratio Lower Upper

252 100

253 21.0 17.0 25.6

125 9.3 8.2 12.4



#90

Benzo(a)pyrene

Concen: 39.931 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

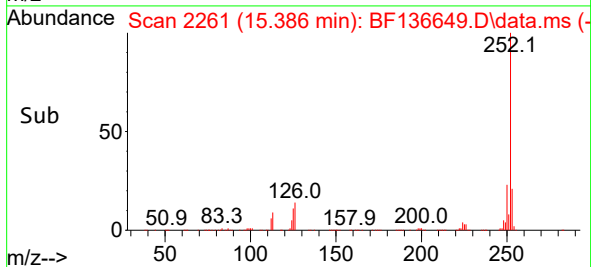
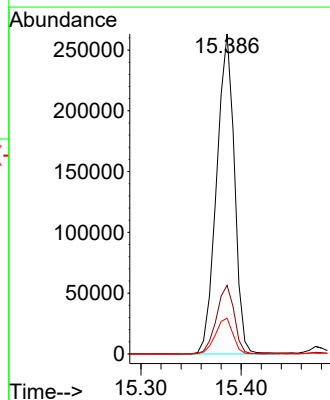
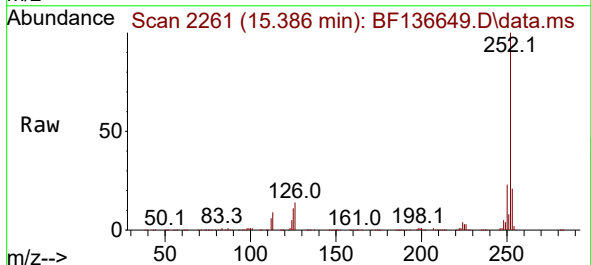
Tgt Ion:252 Resp: 324956

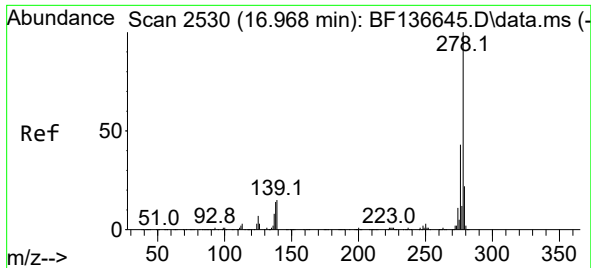
Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 11.1 8.8 13.2

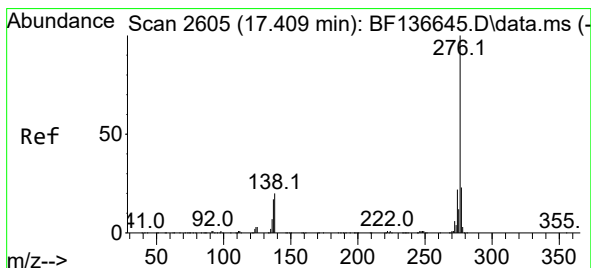
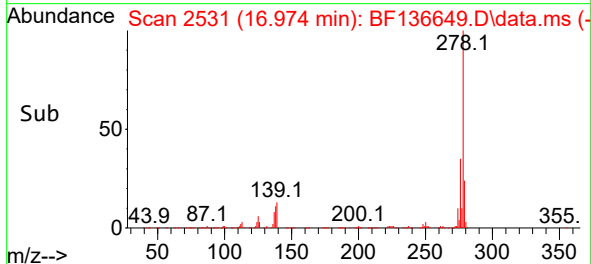
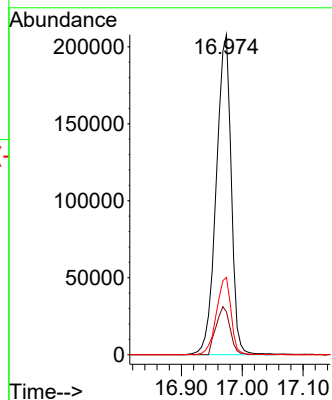
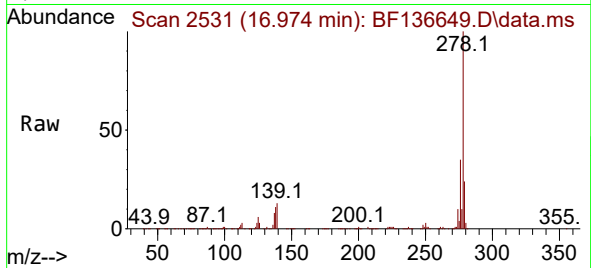




#91
Dibenzo(a,h)anthracene
Concen: 41.480 ng
RT: 16.974 min Scan# 2531
Delta R.T. 0.006 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :
BNA_F
ClientSampleId :
ICVBF122023

Tgt Ion:278 Resp: 354656
Ion Ratio Lower Upper
278 100
139 13.4 12.2 18.4
279 24.1 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 41.411 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:276 Resp: 362644
Ion Ratio Lower Upper
276 100
277 23.5 18.3 27.5
138 19.8 15.6 23.4

