

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042123\
 Data File : BF132973.D
 Acq On : 21 Apr 2023 17:22
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042123

Quant Time: Apr 22 04:10:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	195691	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	777254	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	393610	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	672763	20.000	ng	0.00
76) Chrysene-d12	13.910	240	442316	20.000	ng	0.00
86) Perylene-d12	15.327	264	380405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1028573	79.399	ng	0.00
7) Phenol-d6	6.387	99	1300887	80.905	ng	0.00
23) Nitrobenzene-d5	7.322	82	1183347	82.178	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	328617	83.016	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1937004	82.330	ng	0.00
79) Terphenyl-d14	12.863	244	2025369	78.973	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.422	88	243767	40.569	ng	100
3) Pyridine	3.128	79	675683	42.338	ng	97
4) n-Nitrosodimethylamine	3.081	42	337358	40.811	ng	99
6) Aniline	6.416	93	878003	42.396	ng	99
8) 2-Chlorophenol	6.534	128	534746	40.656	ng	99
9) Benzaldehyde	6.298	77	311334	43.130	ng	98
10) Phenol	6.398	94	726490	40.956	ng	100
11) bis(2-Chloroethyl)ether	6.492	93	538561	40.460	ng	100
12) 1,3-Dichlorobenzene	6.692	146	559002	39.974	ng	99
13) 1,4-Dichlorobenzene	6.769	146	566209	40.400	ng	99
14) 1,2-Dichlorobenzene	6.928	146	527013	40.787	ng	98
15) Benzyl Alcohol	6.898	79	465485	41.910	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.034	45	938643	40.600	ng	100
17) 2-Methylphenol	7.010	107	488491	40.559	ng	99
18) Hexachloroethane	7.269	117	198858	40.812	ng	98
19) n-Nitroso-di-n-propyla...	7.175	70	400468	40.006	ng	99
20) 3+4-Methylphenols	7.163	107	571913	40.322	ng	98
22) Acetophenone	7.169	105	702984	39.044	ng	98
24) Nitrobenzene	7.339	77	597016	40.915	ng	99
25) Isophorone	7.581	82	1113034	40.711	ng	99
26) 2-Nitrophenol	7.651	139	304218	43.225	ng	100
27) 2,4-Dimethylphenol	7.692	122	494576	40.982	ng	100
28) bis(2-Chloroethoxy)met...	7.792	93	651396	40.274	ng	99
29) 2,4-Dichlorophenol	7.892	162	448532	40.827	ng	99
30) 1,2,4-Trichlorobenzene	7.981	180	456225	40.084	ng	99
31) Naphthalene	8.063	128	1565152	40.276	ng	100
32) Benzoic acid	7.816	122	266310	35.725	ng	98
33) 4-Chloroaniline	8.110	127	633198	40.328	ng	99
34) Hexachlorobutadiene	8.181	225	250148	39.654	ng	99
35) Caprolactam	8.486	113	157809	42.759	ng	98
36) 4-Chloro-3-methylphenol	8.586	107	489912	41.352	ng	99
37) 2-Methylnaphthalene	8.751	142	1057558	39.806	ng	99
38) 1-Methylnaphthalene	8.851	142	998625	40.180	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	425358	40.192	ng	98
41) Hexachlorocyclopentadiene	8.904	237	263182	42.641	ng	98
43) 2,4,6-Trichlorophenol	9.028	196	300798	41.099	ng	99

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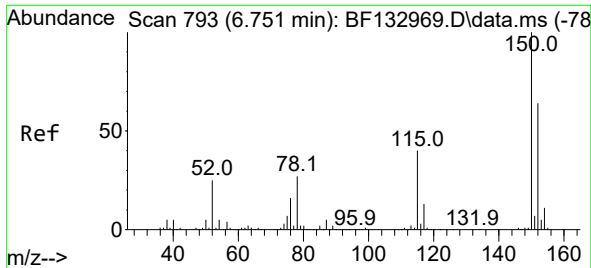
Quant Time: Apr 22 04:10:45 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	341703	40.369	ng	99
46) 1,1'-Biphenyl	9.216	154	1237266	39.641	ng	100
47) 2-Chloronaphthalene	9.239	162	914288	40.022	ng	99
48) 2-Nitroaniline	9.333	65	322958	42.775	ng	97
49) Acenaphthylene	9.651	152	1473350	40.363	ng	100
50) Dimethylphthalate	9.522	163	1105745	40.288	ng	99
51) 2,6-Dinitrotoluene	9.575	165	257185	41.634	ng	99
52) Acenaphthene	9.828	154	979623	40.070	ng	99
53) 3-Nitroaniline	9.745	138	307329	41.842	ng	99
54) 2,4-Dinitrophenol	9.845	184	142630	45.935	ng	97
55) Dibenzofuran	9.998	168	1333991	40.001	ng	99
56) 4-Nitrophenol	9.898	139	238673	41.955	ng	95
57) 2,4-Dinitrotoluene	9.980	165	335094	42.537	ng	# 85
58) Fluorene	10.339	166	936969	38.349	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	267296	40.733	ng	99
60) Diethylphthalate	10.216	149	1056015	40.735	ng	100
61) 4-Chlorophenyl-phenyle...	10.333	204	463335	38.914	ng	100
62) 4-Nitroaniline	10.357	138	281956	41.767	ng	99
63) Azobenzene	10.492	77	1103539	40.184	ng	99
65) 4,6-Dinitro-2-methylph...	10.386	198	188215	46.156	ng	94
66) n-Nitrosodiphenylamine	10.451	169	887966	40.690	ng	99
67) 4-Bromophenyl-phenylether	10.822	248	301045	41.259	ng	97
68) Hexachlorobenzene	10.886	284	305219	40.823	ng	99
69) Atrazine	10.980	200	261668	41.613	ng	99
70) Pentachlorophenol	11.075	266	235595	44.245	ng	98
71) Phenanthrene	11.298	178	1435188	39.691	ng	100
72) Anthracene	11.351	178	1498095	40.484	ng	100
73) Carbazole	11.504	167	1343703	40.780	ng	100
74) Di-n-butylphthalate	11.839	149	1567439	42.036	ng	99
75) Fluoranthene	12.480	202	1489876	41.055	ng	99
77) Benzidine	12.604	184	256173	34.249	ng	98
78) Pyrene	12.710	202	1515998	39.982	ng	99
80) Butylbenzylphthalate	13.333	149	590136	43.957	ng	92
81) Benzo(a)anthracene	13.898	228	1242447	40.848	ng	100
82) 3,3'-Dichlorobenzidine	13.863	252	348366	41.459	ng	99
83) Chrysene	13.933	228	1220930	40.150	ng	100
84) Bis(2-ethylhexyl)phtha...	13.898	149	716101	42.495	ng	# 98
85) Di-n-octyl phthalate	14.510	149	1199942	43.671	ng	100
87) Indeno(1,2,3-cd)pyrene	16.715	276	931347	43.042	ng	100
88) Benzo(b)fluoranthene	14.921	252	1057587	43.700	ng	98
89) Benzo(k)fluoranthene	14.951	252	936547	39.039	ng	97
90) Benzo(a)pyrene	15.274	252	922699	41.888	ng	99
91) Dibenzo(a,h)anthracene	16.733	278	781697	43.314	ng	99
92) Benzo(g,h,i)perylene	17.133	276	766225	43.005	ng	100

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

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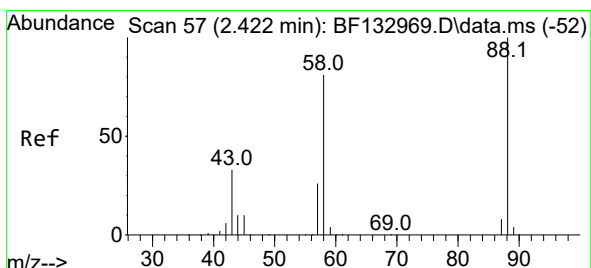
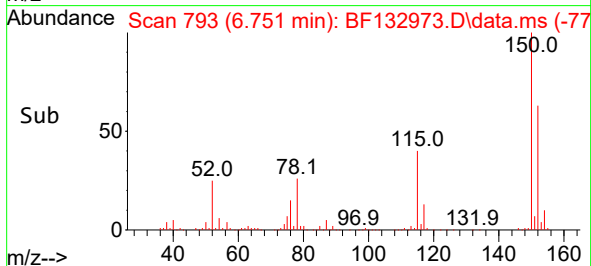
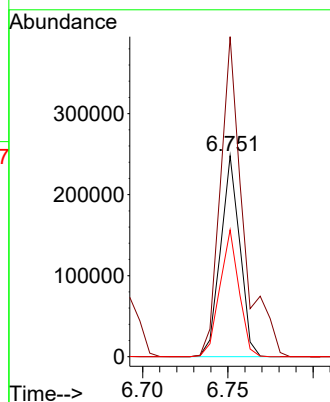
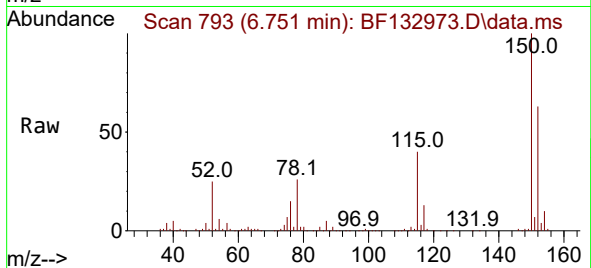




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.751 min Scan# 793
 Delta R.T. 0.000 min
 Lab File: BF132973.D
 Acq: 21 Apr 2023 17:22

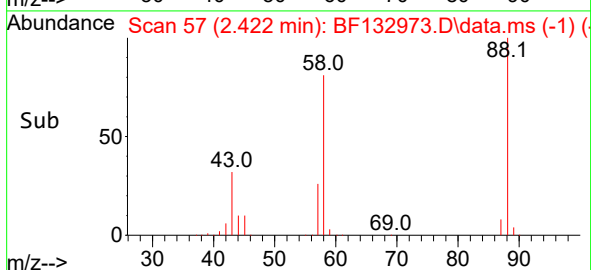
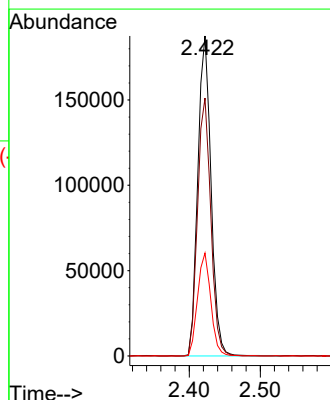
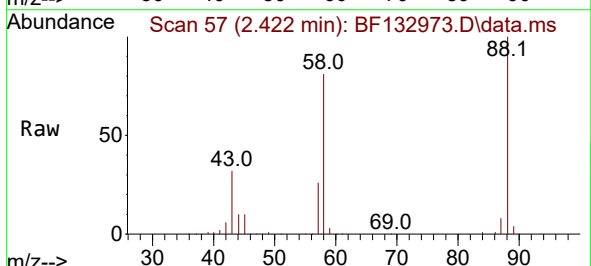
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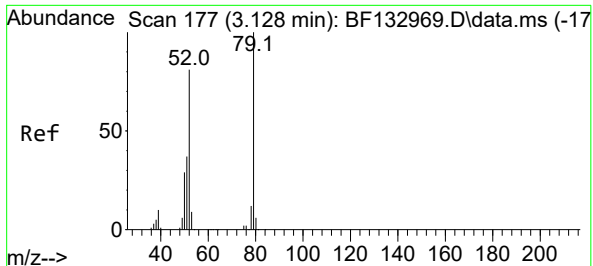
Tgt Ion:152 Resp: 195691
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.8 187.2
 115 63.1 49.9 74.9



#2
 1,4-Dioxane
 Concen: 40.569 ng
 RT: 2.422 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: BF132973.D
 Acq: 21 Apr 2023 17:22

Tgt Ion: 88 Resp: 243767
 Ion Ratio Lower Upper
 88 100
 58 80.8 64.7 97.1
 43 32.1 26.2 39.2





#3

Pyridine

Concen: 42.338 ng

RT: 3.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF042123

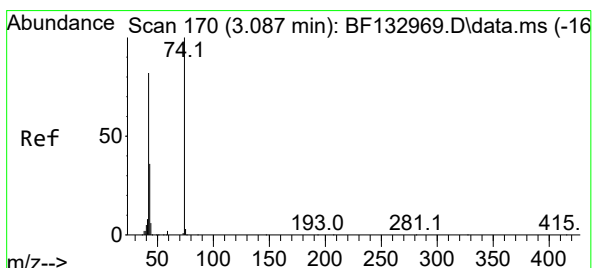
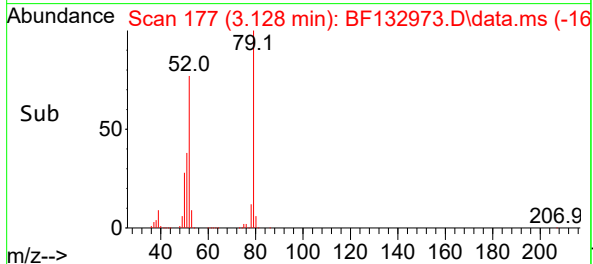
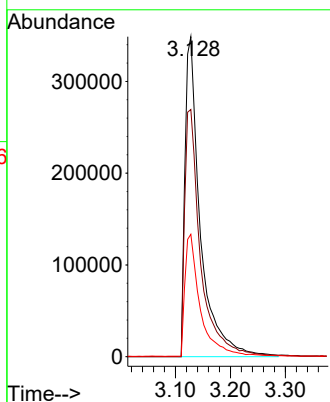
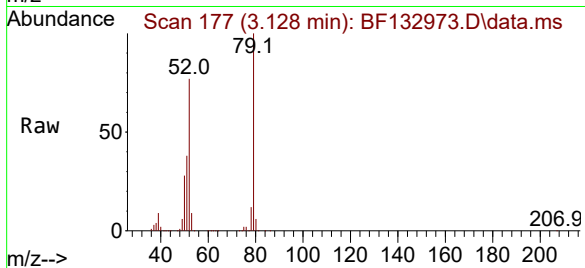
Tgt Ion: 79 Resp: 675683

Ion Ratio Lower Upper

79 100

52 77.3 64.6 96.8

51 38.3 30.0 45.0



#4

n-Nitrosodimethylamine

Concen: 40.811 ng

RT: 3.081 min Scan# 169

Delta R.T. -0.006 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

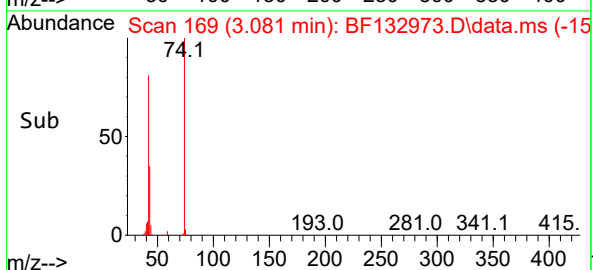
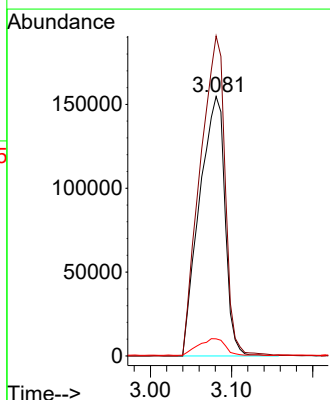
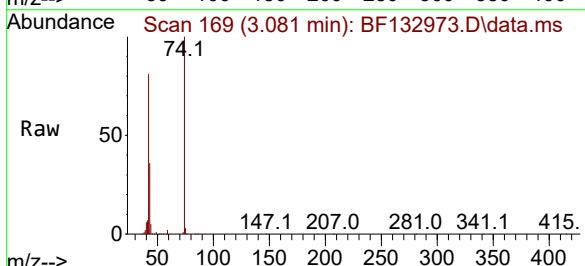
Tgt Ion: 42 Resp: 337358

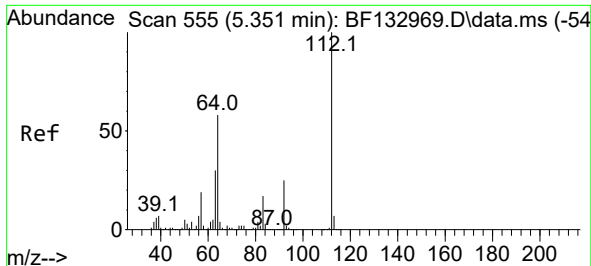
Ion Ratio Lower Upper

42 100

74 123.3 98.0 147.0

44 6.6 5.8 8.8

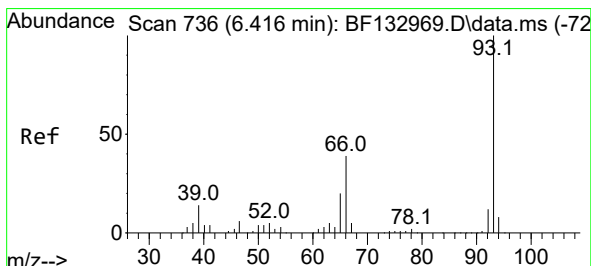
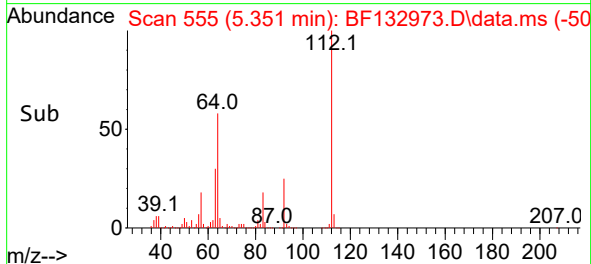
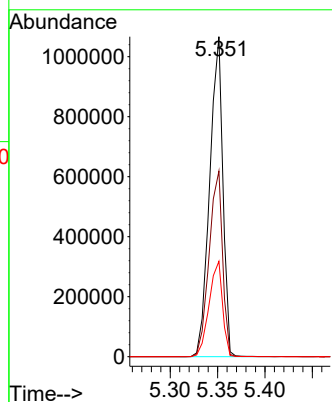
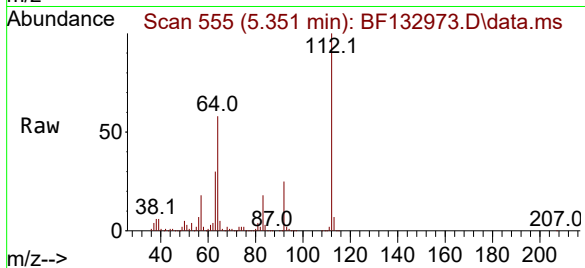




#5
2-Fluorophenol
Concen: 79.399 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

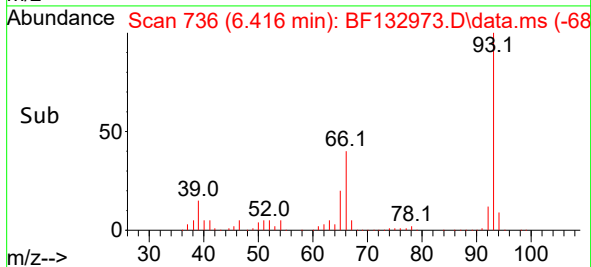
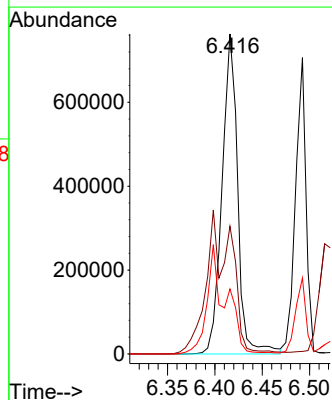
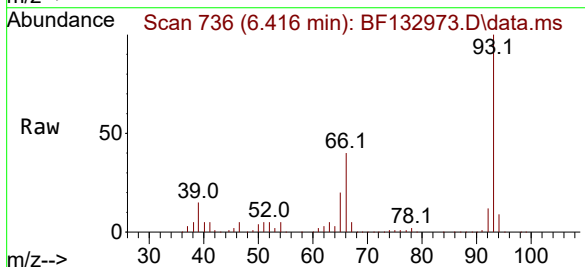
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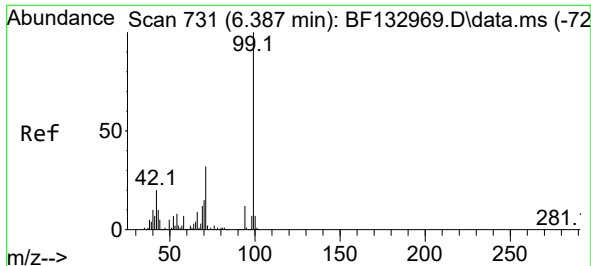
Tgt Ion:112 Resp: 1028573
Ion Ratio Lower Upper
112 100
64 58.0 46.8 70.2
63 29.8 23.8 35.8



#6
Aniline
Concen: 42.396 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

Tgt Ion: 93 Resp: 878003
Ion Ratio Lower Upper
93 100
66 39.9 31.5 47.3
65 20.3 16.4 24.6





#7

Phenol-d6

Concen: 80.905 ng

RT: 6.387 min Scan# 731

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF042123

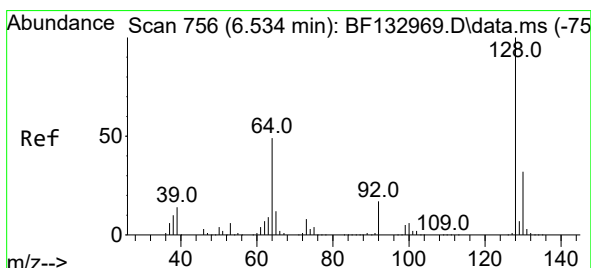
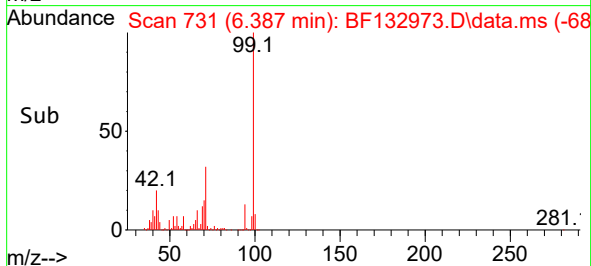
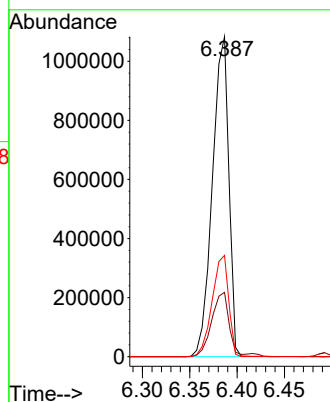
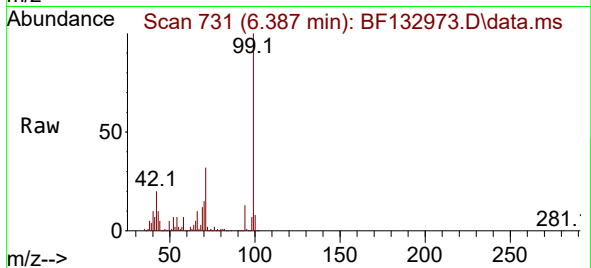
Tgt Ion: 99 Resp: 1300887

Ion Ratio Lower Upper

99 100

42 20.1 16.3 24.5

71 31.7 25.6 38.4



#8

2-Chlorophenol

Concen: 40.656 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

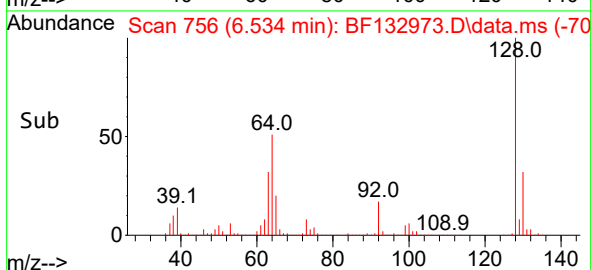
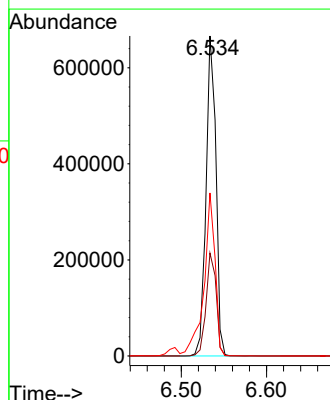
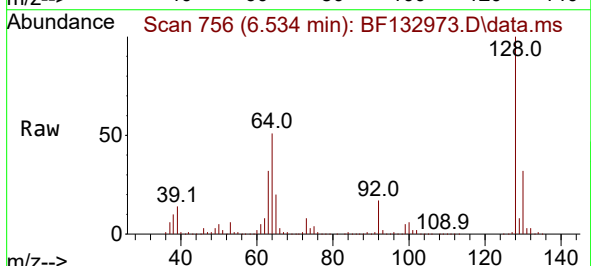
Tgt Ion:128 Resp: 534746

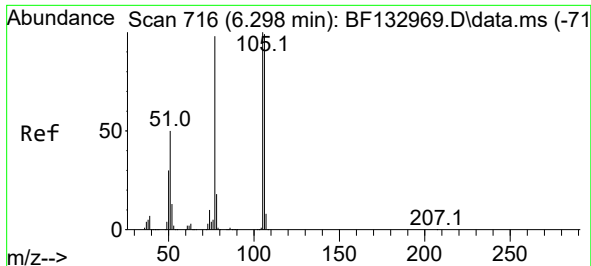
Ion Ratio Lower Upper

128 100

130 32.1 12.2 52.2

64 50.9 30.3 70.3





#9

Benzaldehyde

Concen: 43.130 ng

RT: 6.298 min Scan# 716

Delta R.T. 0.000 min

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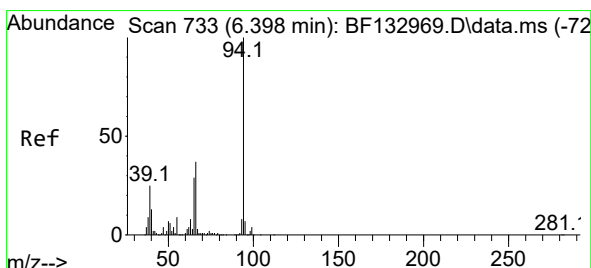
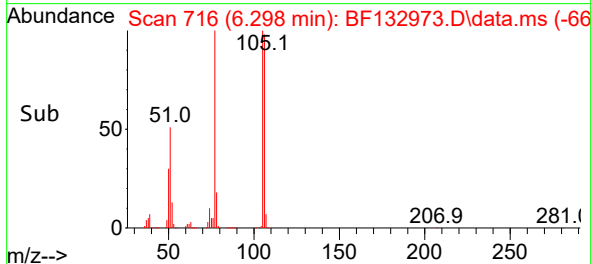
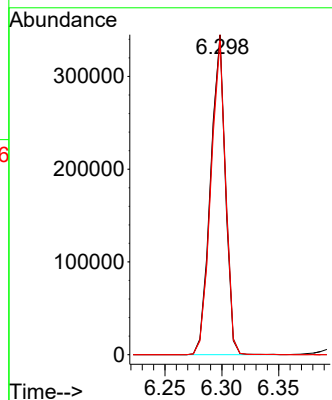
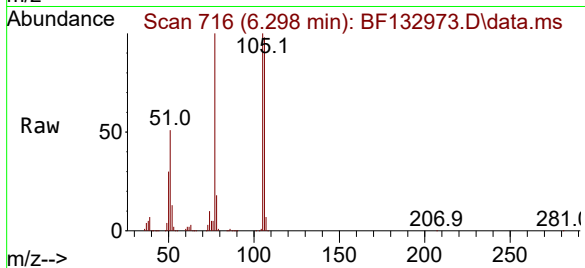
Tgt Ion: 77 Resp: 311334

Ion Ratio Lower Upper

77 100

105 100.3 82.3 122.3

106 98.3 80.8 120.8



#10

Phenol

Concen: 40.956 ng

RT: 6.398 min Scan# 733

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

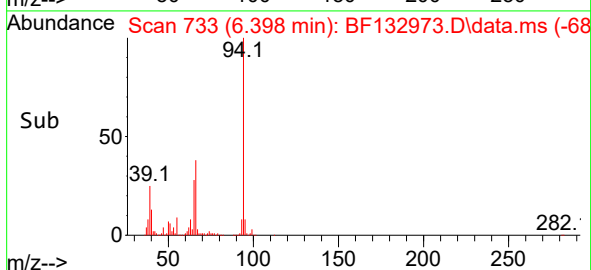
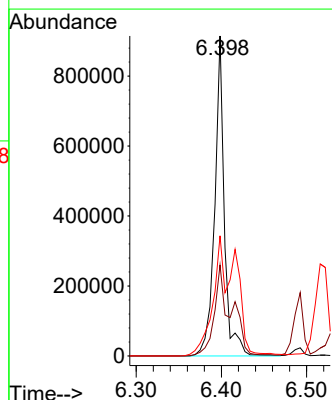
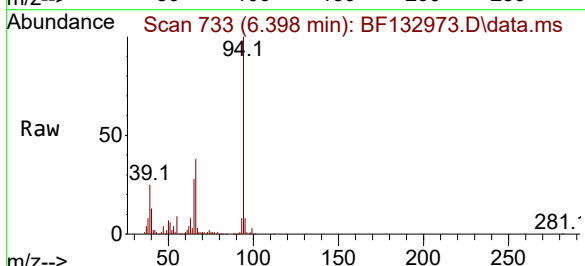
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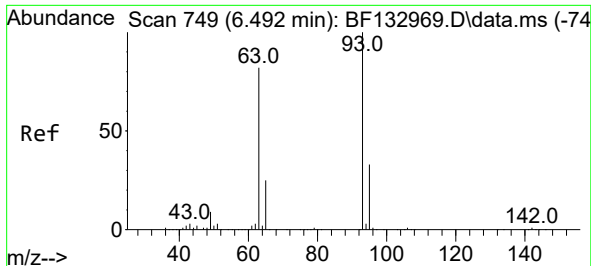
Ion Ratio Lower Upper

94 100

65 28.5 8.6 48.6

66 37.5 17.3 57.3

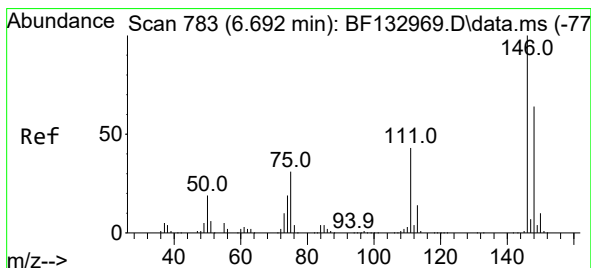
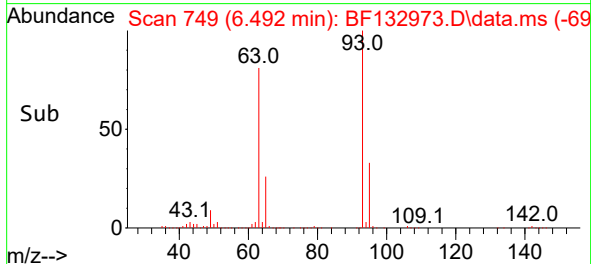
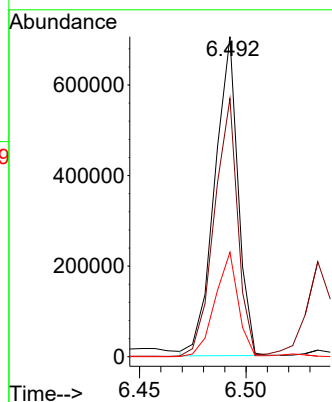
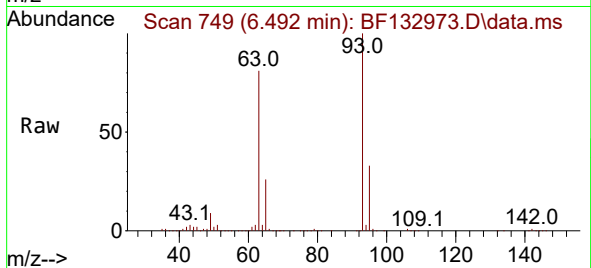




#11
bis(2-Chloroethyl)ether
Concen: 40.460 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

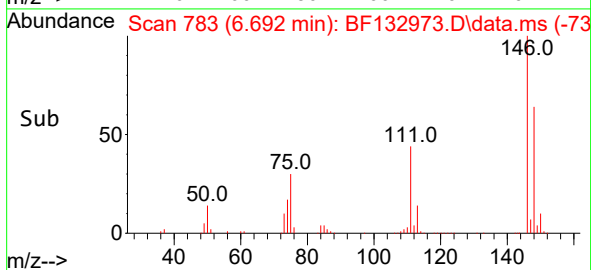
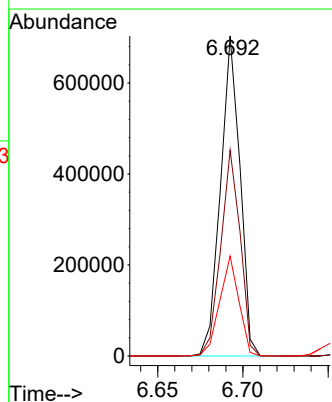
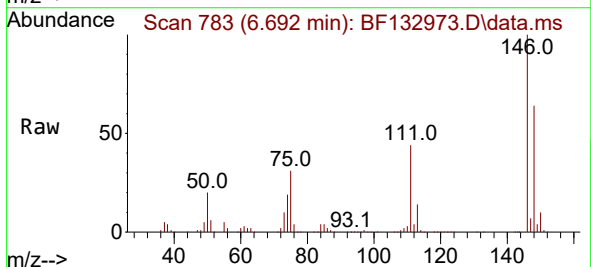
Instrument :
BNA_F
ClientSampleId :
ICVBF042123

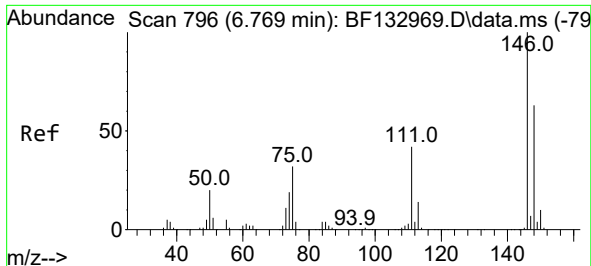
Tgt Ion: 93 Resp: 538561
Ion Ratio Lower Upper
93 100
63 80.7 60.6 100.6
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 39.974 ng
RT: 6.692 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

Tgt Ion:146 Resp: 559002
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
75 31.2 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 40.400 ng

RT: 6.769 min Scan# 796

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF042123

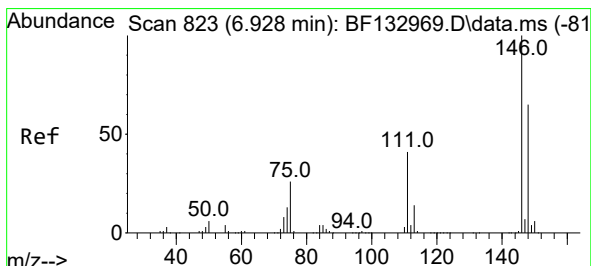
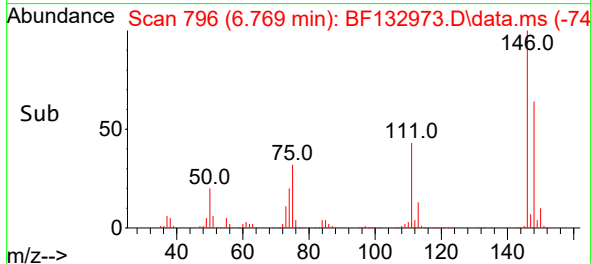
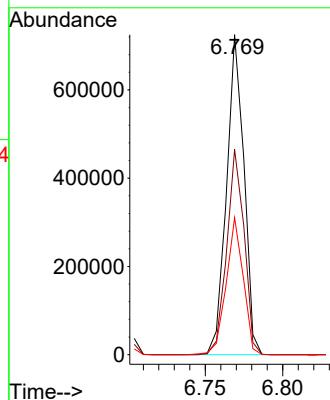
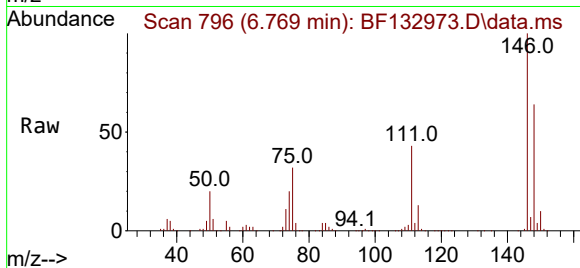
Tgt Ion:146 Resp: 566209

Ion Ratio Lower Upper

146 100

148 64.2 50.3 75.5

111 42.8 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 40.787 ng

RT: 6.928 min Scan# 823

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

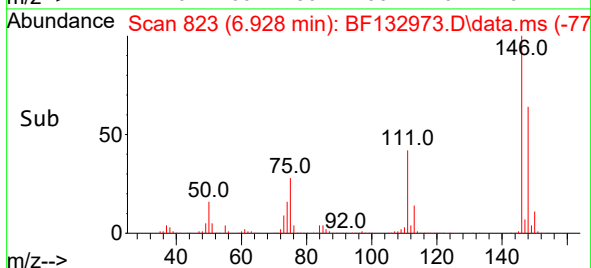
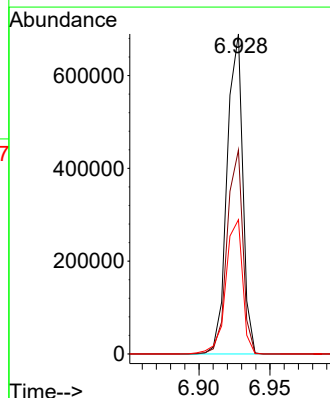
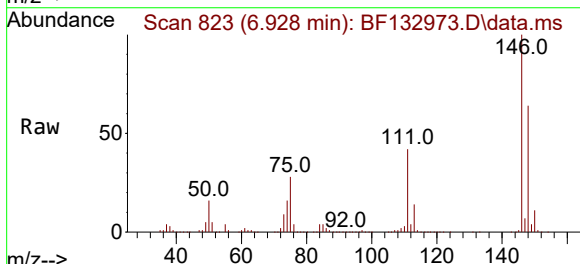
Tgt Ion:146 Resp: 527013

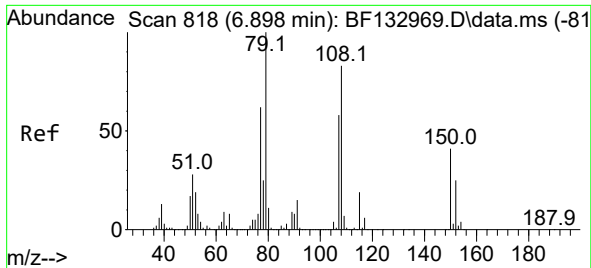
Ion Ratio Lower Upper

146 100

148 63.7 52.2 78.2

111 41.9 32.8 49.2

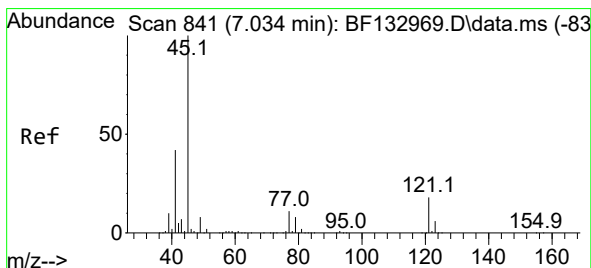
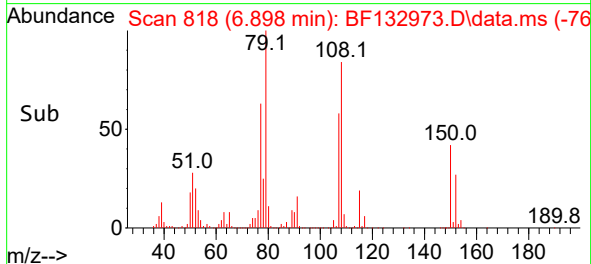
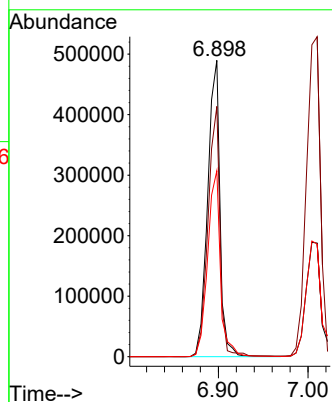
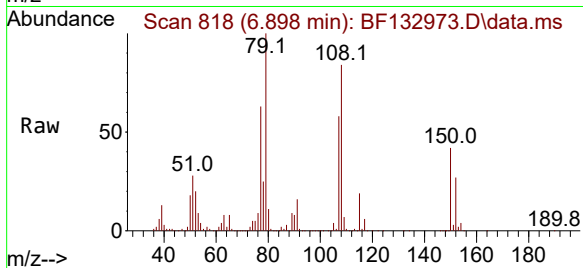




#15
Benzyl Alcohol
Concen: 41.910 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

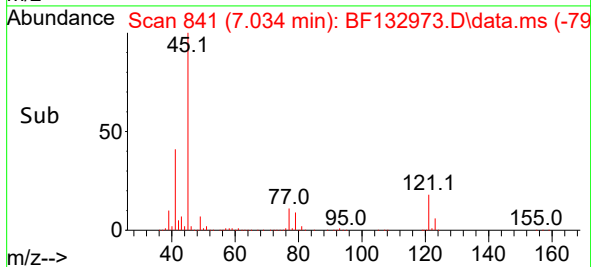
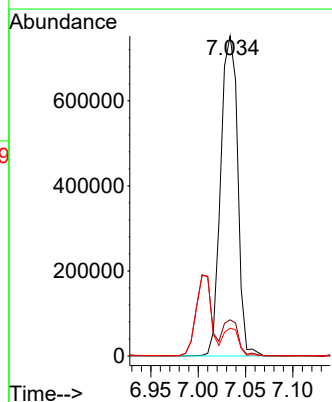
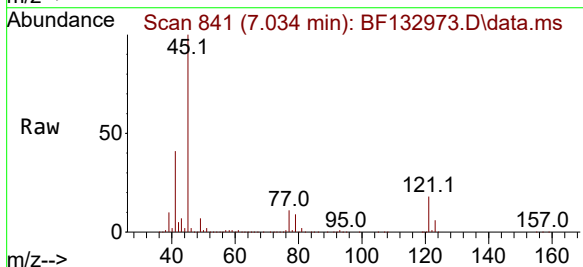
Instrument :
BNA_F
ClientSampleId :
ICVBF042123

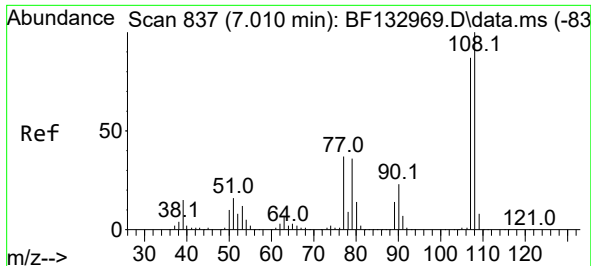
Tgt Ion: 79 Resp: 465485
Ion Ratio Lower Upper
79 100
108 84.4 66.6 99.8
77 62.7 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.600 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

Tgt Ion: 45 Resp: 938643
Ion Ratio Lower Upper
45 100
77 11.3 0.0 31.5
79 8.7 0.0 28.7

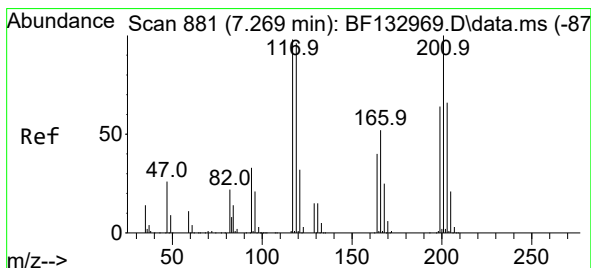
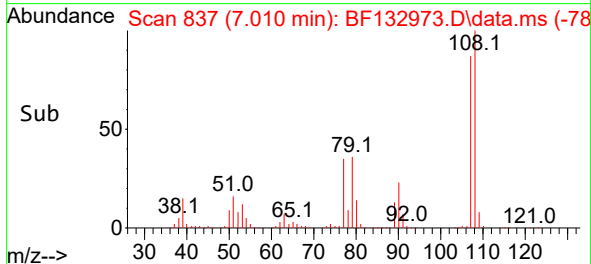
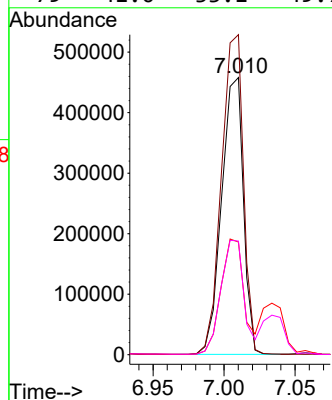
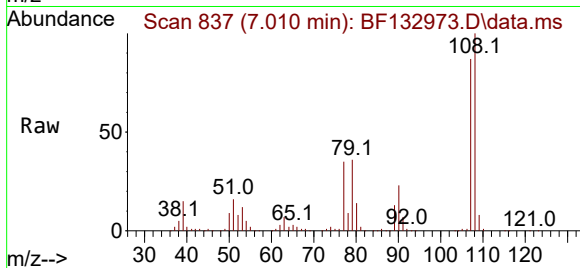




#17
2-Methylphenol
Concen: 40.559 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

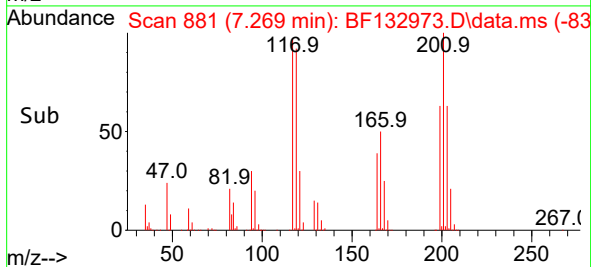
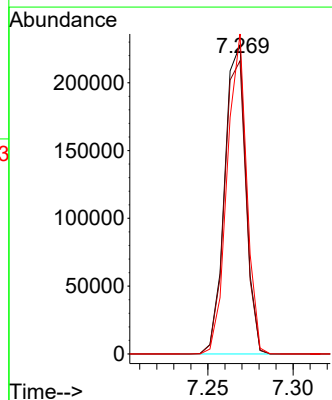
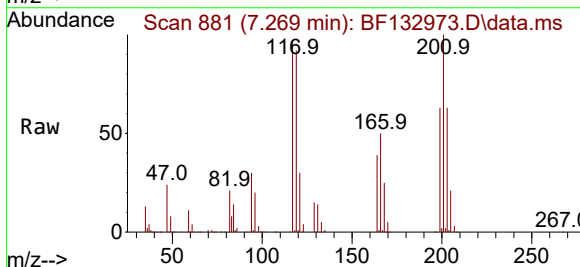
Instrument :
BNA_F
ClientSampleId :
ICVBF042123

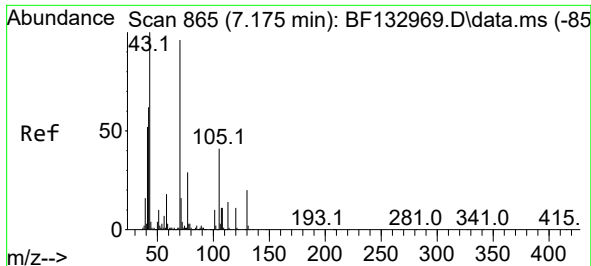
Tgt Ion:107 Resp: 488491
Ion Ratio Lower Upper
107 100
108 115.5 92.4 138.6
77 40.7 33.8 50.8
79 41.0 33.1 49.7



#18
Hexachloroethane
Concen: 40.812 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

Tgt Ion:117 Resp: 198858
Ion Ratio Lower Upper
117 100
119 94.9 78.2 117.4
201 103.6 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 40.006 ng

RT: 7.175 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF042123

Tgt Ion: 70 Resp: 400468

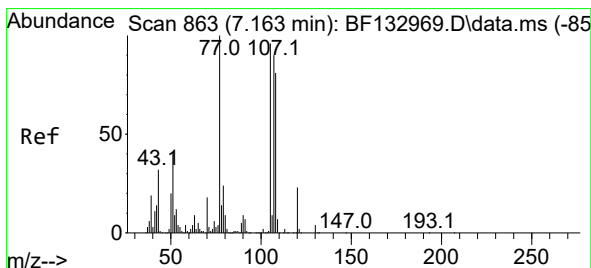
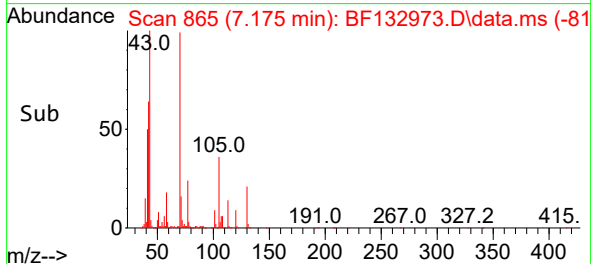
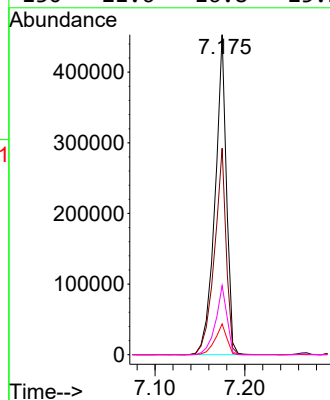
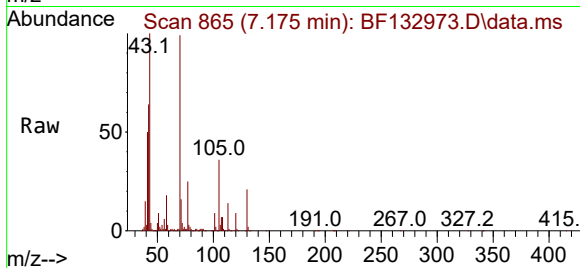
Ion Ratio Lower Upper

70 100

42 64.5 51.8 77.6

101 9.6 8.0 12.0

130 21.6 16.8 25.2



#20

3+4-Methylphenols

Concen: 40.322 ng

RT: 7.163 min Scan# 863

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

Tgt Ion: 107 Resp: 571913

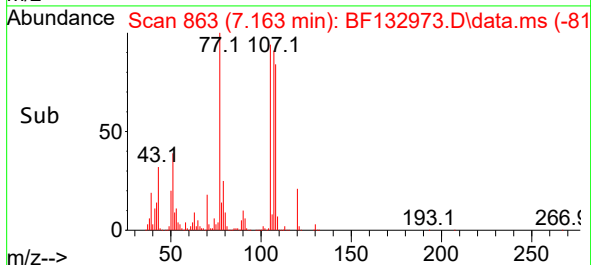
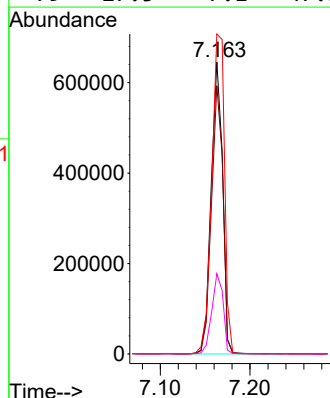
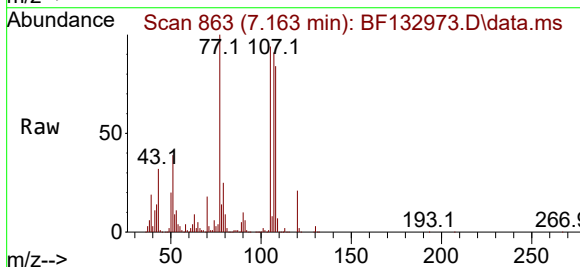
Ion Ratio Lower Upper

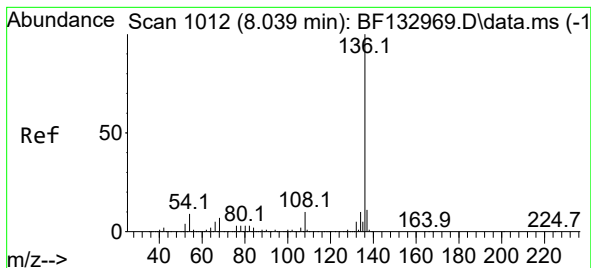
107 100

108 91.9 70.5 110.5

77 109.6 91.7 131.7

79 27.5 7.1 47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.039 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF132973.D

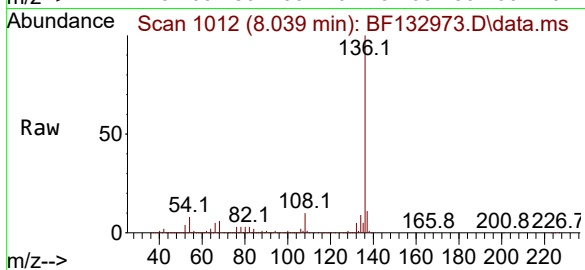
Acq: 21 Apr 2023 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF042123



Tgt Ion:136 Resp: 777254

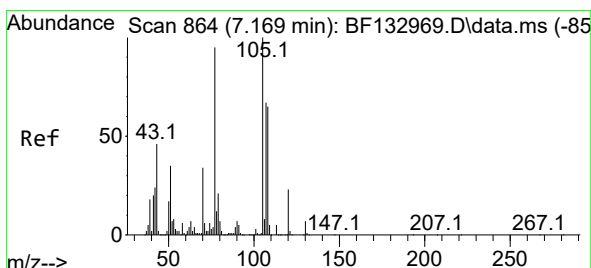
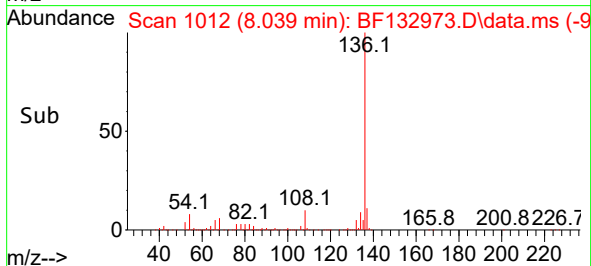
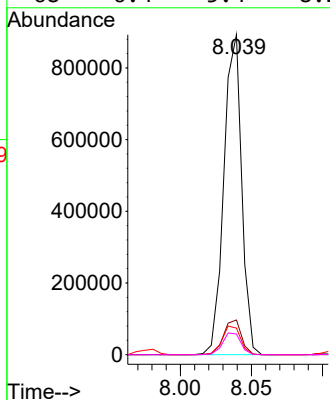
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.3 7.0 10.4

68 6.4 5.4 8.2



#22

Acetophenone

Concen: 39.044 ng

RT: 7.169 min Scan# 864

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

Tgt Ion:105 Resp: 702984

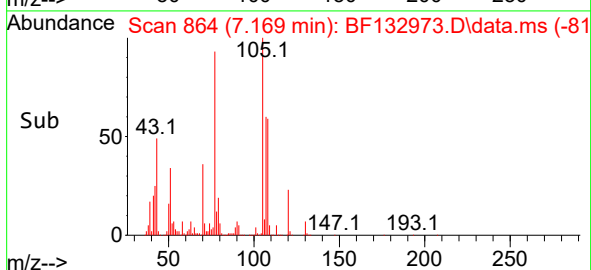
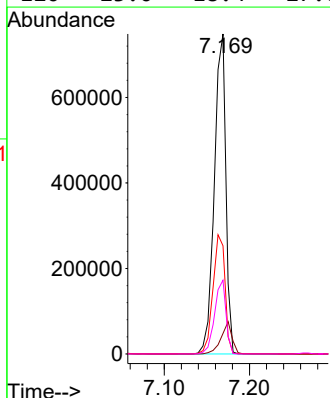
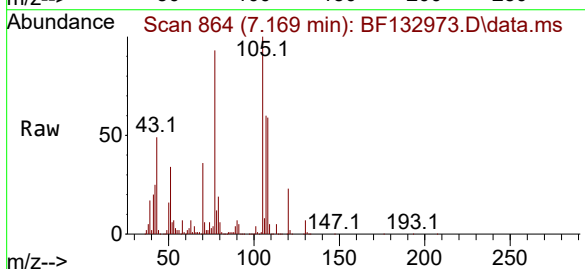
Ion Ratio Lower Upper

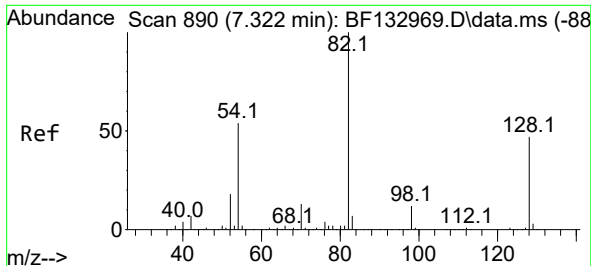
105 100

71 6.4 4.6 7.0

51 33.8 28.2 42.2

120 23.0 18.4 27.6





#23

Nitrobenzene-d5

Concen: 82.178 ng

RT: 7.322 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

Instrument :

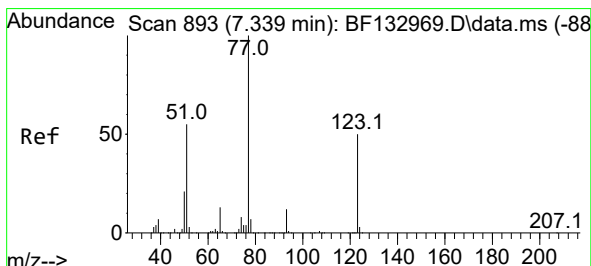
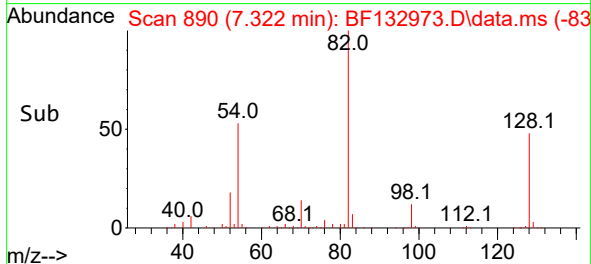
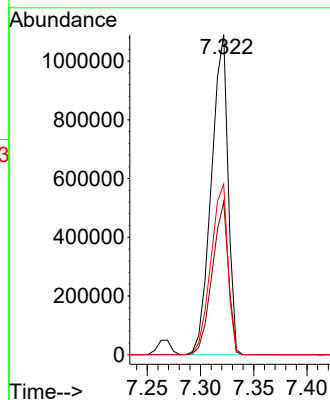
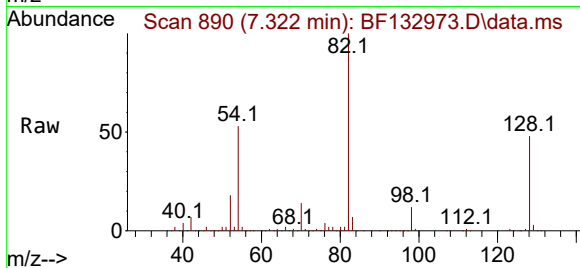
BNA_F

ClientSampleId :

ICVBF042123

Tgt Ion: 82 Resp: 1183347

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.7	56.5
54	53.3	43.0	64.4



#24

Nitrobenzene

Concen: 40.915 ng

RT: 7.339 min Scan# 893

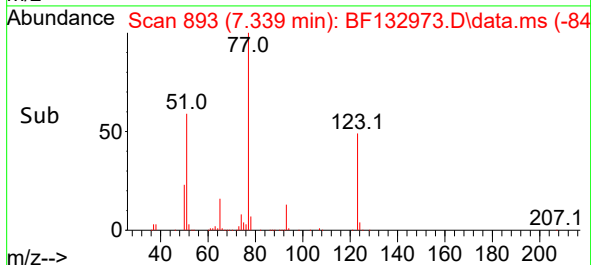
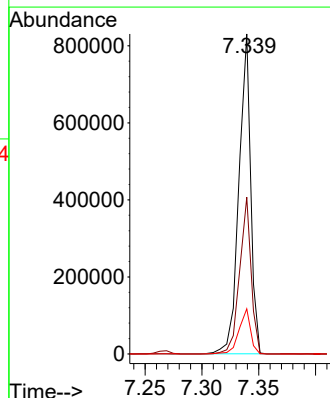
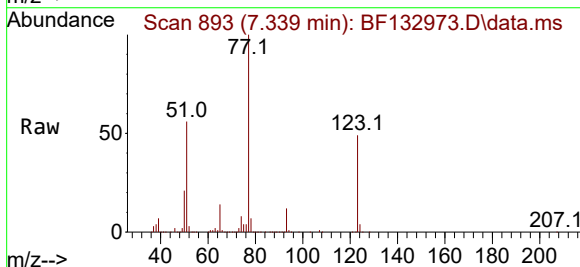
Delta R.T. 0.000 min

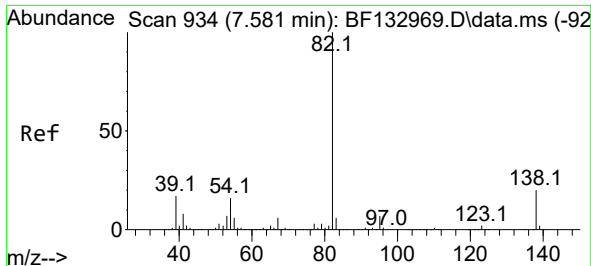
Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

Tgt Ion: 77 Resp: 597016

Ion	Ratio	Lower	Upper
77	100		
123	49.0	39.9	59.9
65	14.1	10.7	16.1

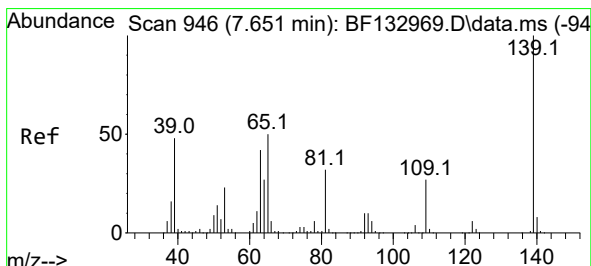
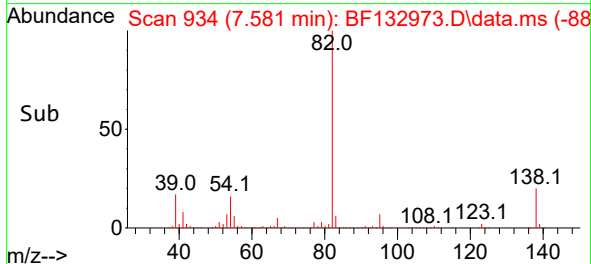
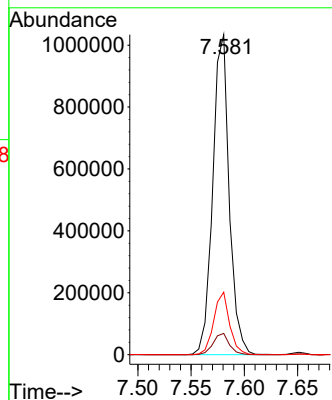
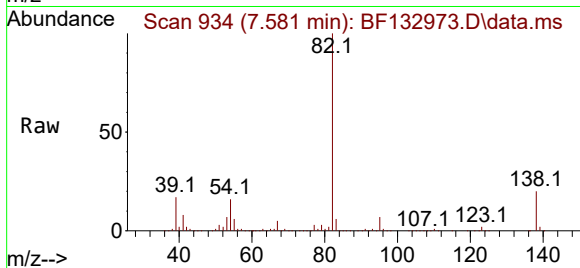




#25
Isophorone
Concen: 40.711 ng
RT: 7.581 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

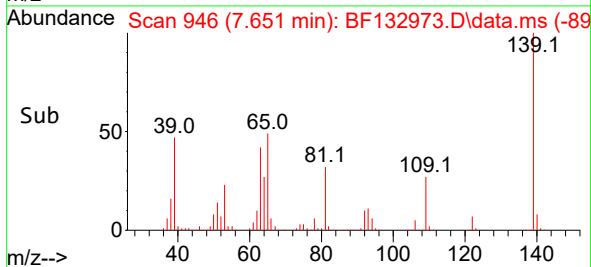
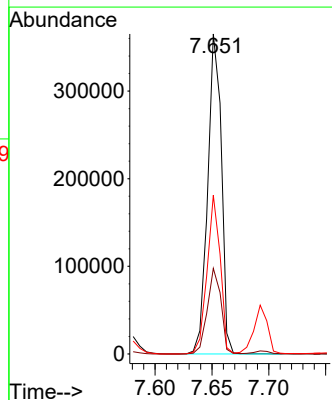
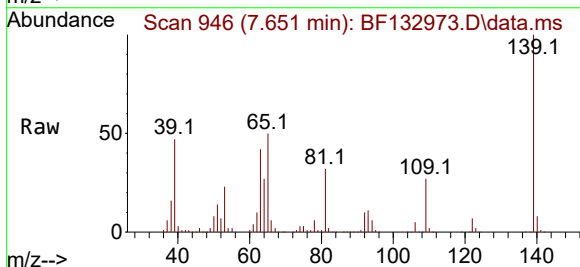
Instrument :
BNA_F
ClientSampleId :
ICVBF042123

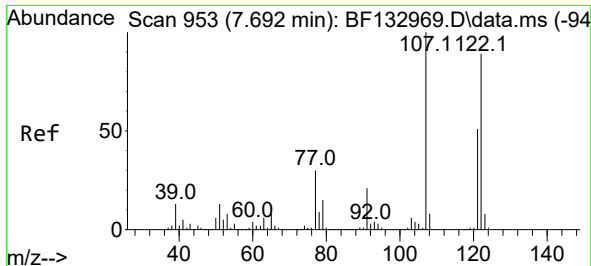
Tgt Ion: 82 Resp: 1113034
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 19.5 16.0 24.0



#26
2-Nitrophenol
Concen: 43.225 ng
RT: 7.651 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

Tgt Ion:139 Resp: 304218
Ion Ratio Lower Upper
139 100
109 26.7 21.6 32.4
65 49.6 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 40.982 ng

RT: 7.692 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF042123

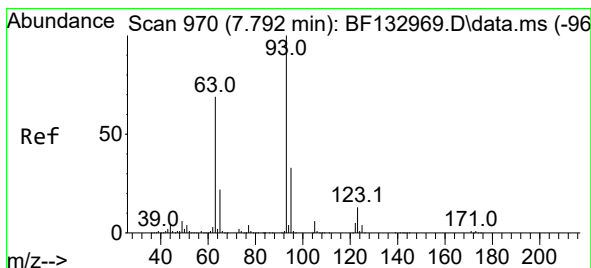
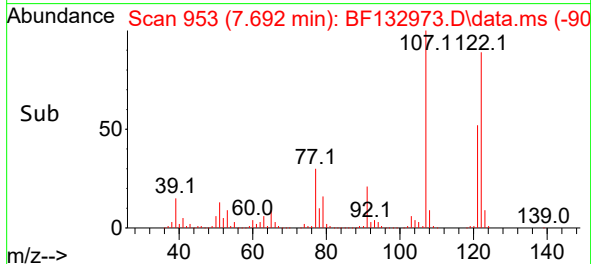
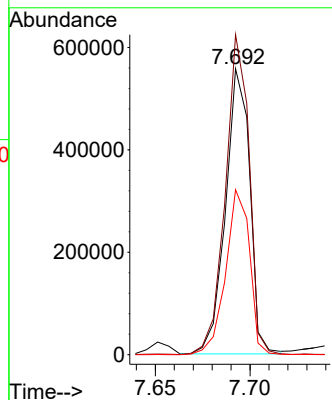
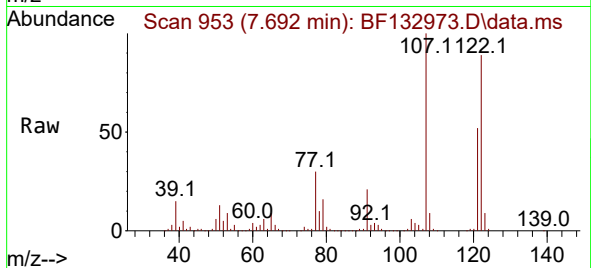
Tgt Ion:122 Resp: 494576

Ion Ratio Lower Upper

122 100

107 111.9 89.7 134.5

121 57.7 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 40.274 ng

RT: 7.792 min Scan# 970

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

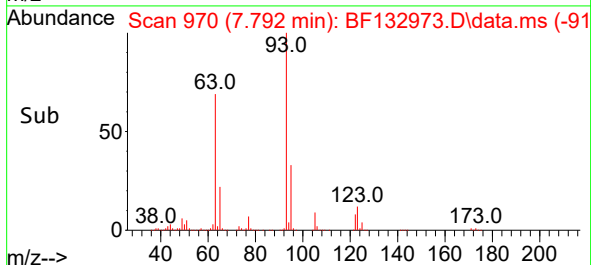
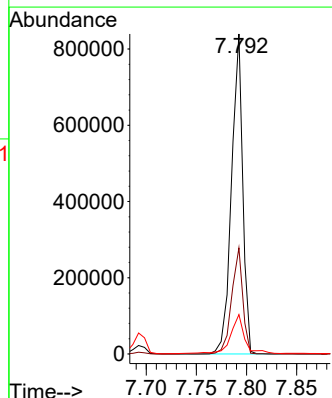
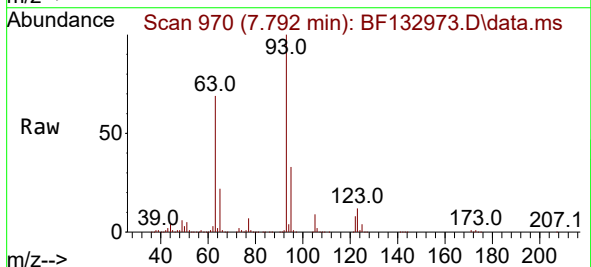
Tgt Ion: 93 Resp: 651396

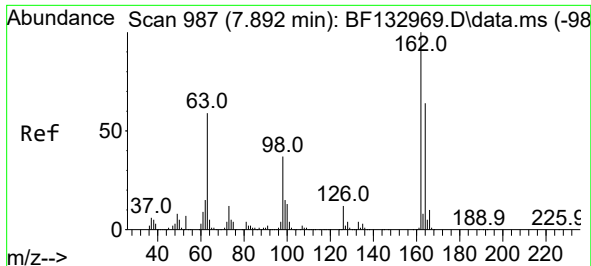
Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

123 12.3 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 40.827 ng

RT: 7.892 min Scan# 987

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF042123

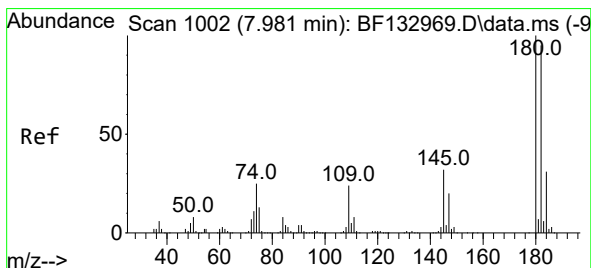
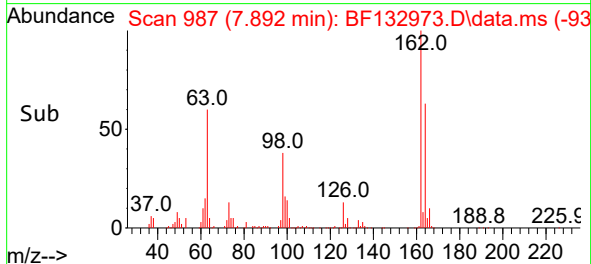
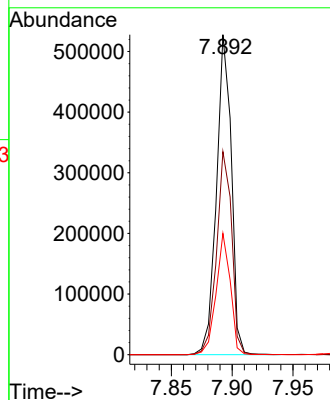
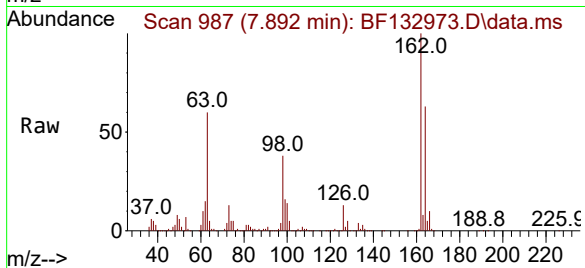
Tgt Ion:162 Resp: 448532

Ion Ratio Lower Upper

162 100

164 63.4 43.9 83.9

98 37.9 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 40.084 ng

RT: 7.981 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

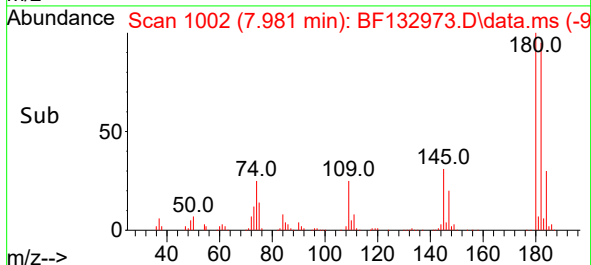
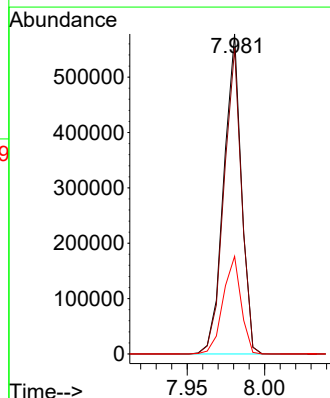
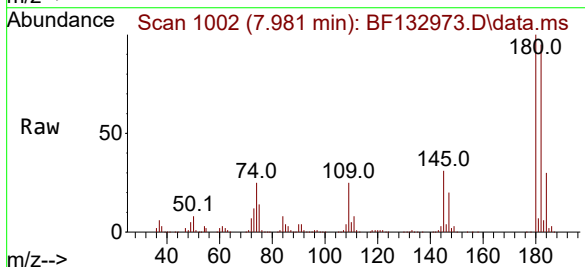
Tgt Ion:180 Resp: 456225

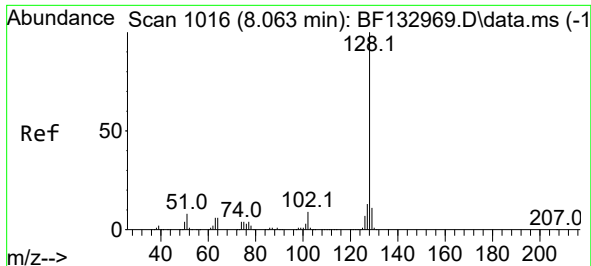
Ion Ratio Lower Upper

180 100

182 95.5 75.9 113.9

145 30.5 25.3 37.9

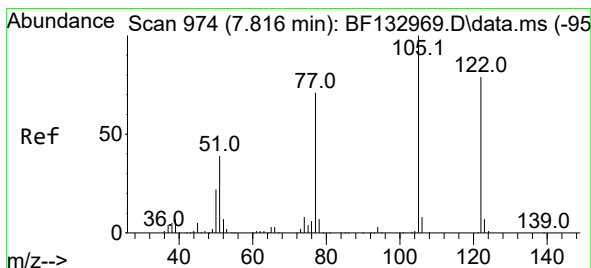
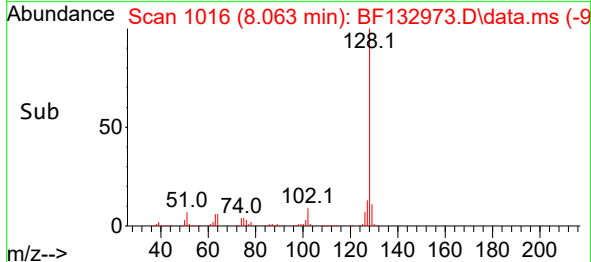
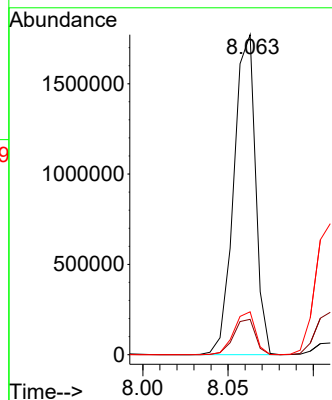
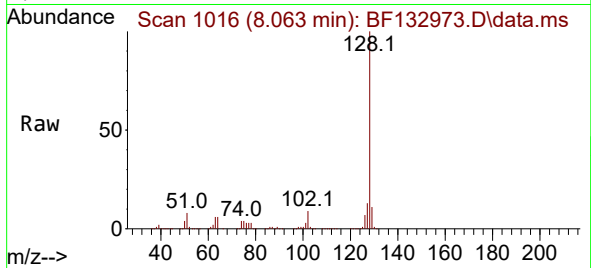




#31
Naphthalene
Concen: 40.276 ng
RT: 8.063 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

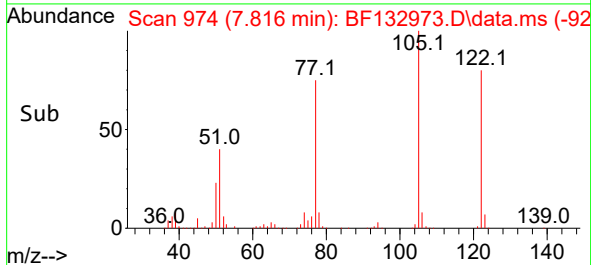
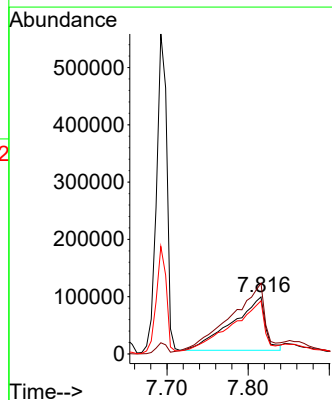
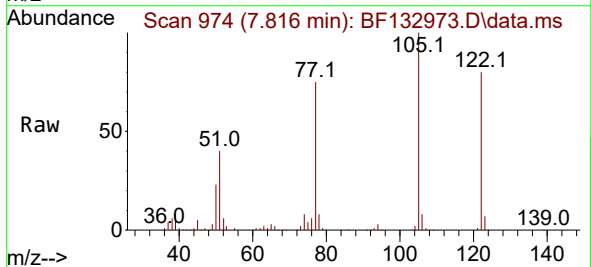
Instrument :
BNA_F
ClientSampleId :
ICVBF042123

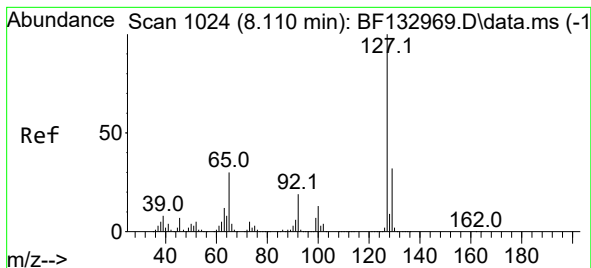
Tgt Ion:128 Resp: 1565152
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 35.725 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

Tgt Ion:122 Resp: 266310
Ion Ratio Lower Upper
122 100
105 124.4 104.2 144.2
77 93.2 69.7 109.7





#33

4-Chloroaniline

Concen: 40.328 ng

RT: 8.110 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF042123

Tgt Ion:127 Resp: 633198

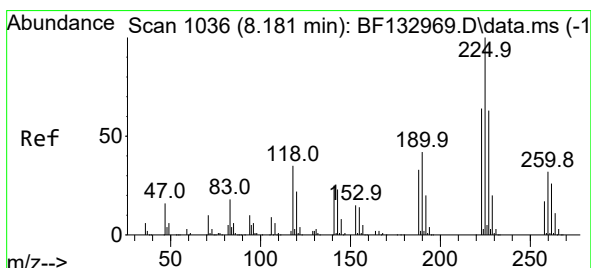
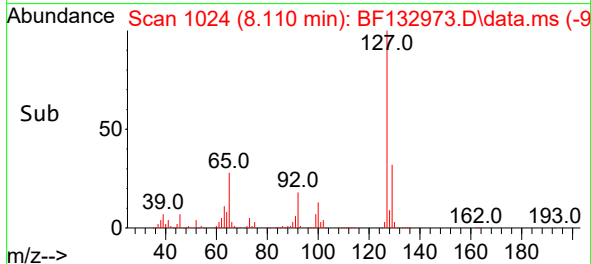
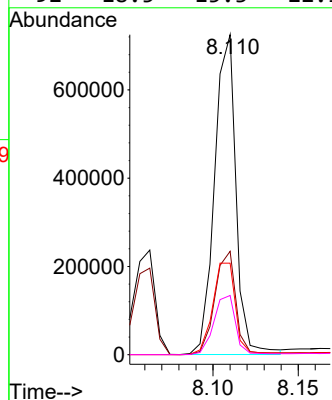
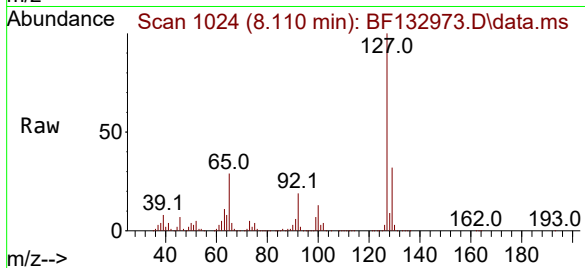
Ion Ratio Lower Upper

127 100

129 32.3 25.8 38.8

65 28.6 23.6 35.4

92 18.5 15.3 22.9



#34

Hexachlorobutadiene

Concen: 39.654 ng

RT: 8.181 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

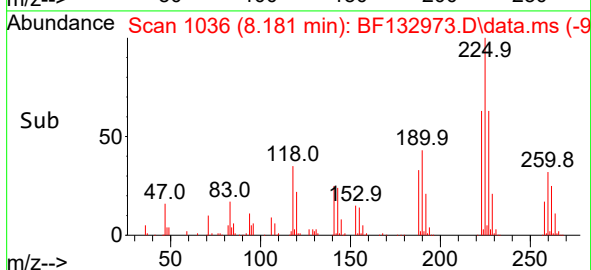
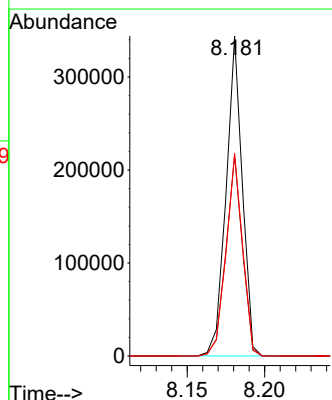
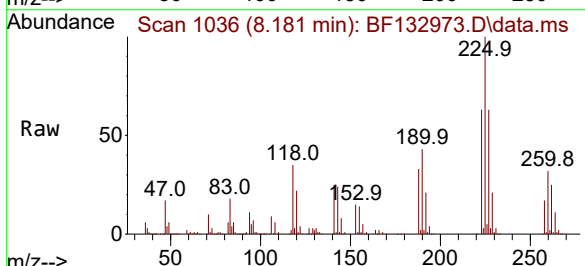
Tgt Ion:225 Resp: 250148

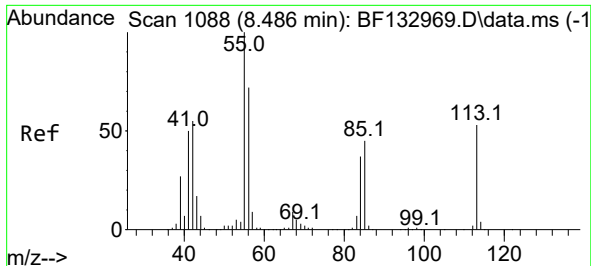
Ion Ratio Lower Upper

225 100

223 62.7 50.9 76.3

227 63.3 50.3 75.5

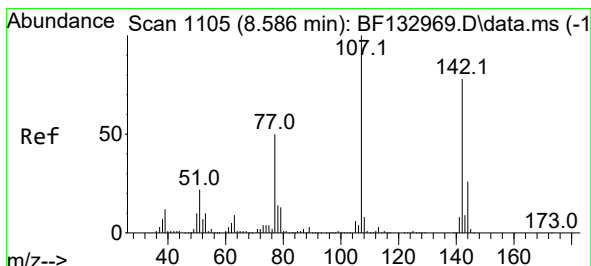
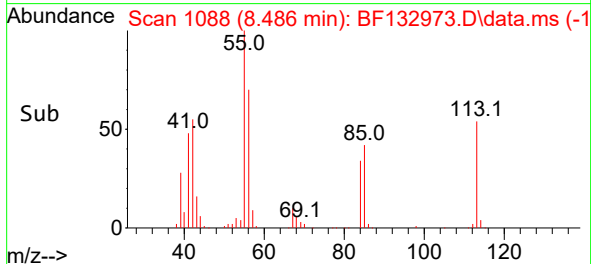
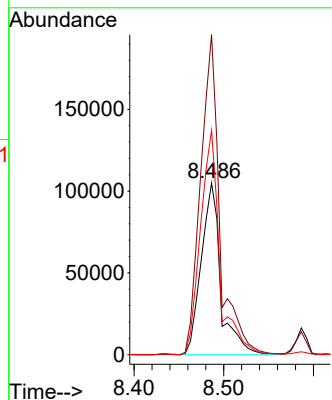
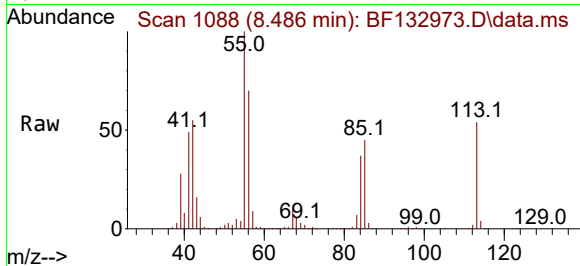




#35
 Caprolactam
 Concen: 42.759 ng
 RT: 8.486 min Scan# 1088
 Delta R.T. 0.000 min
 Lab File: BF132973.D
 Acq: 21 Apr 2023 17:22

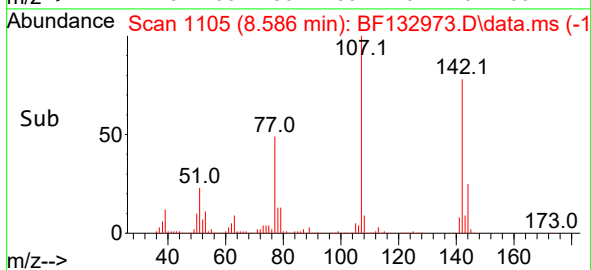
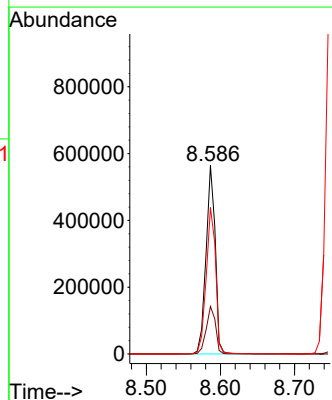
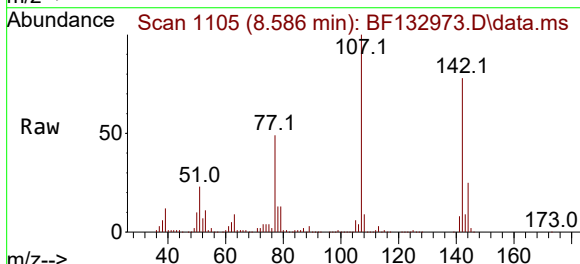
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042123

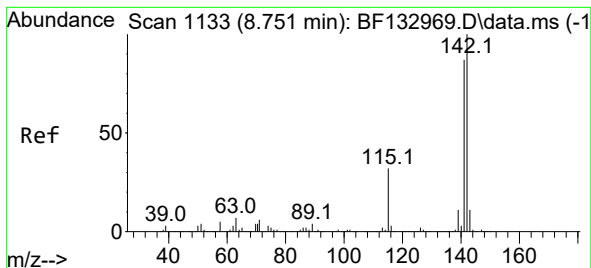
Tgt Ion:113 Resp: 157809
 Ion Ratio Lower Upper
 113 100
 55 186.4 167.1 207.1
 56 130.7 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 41.352 ng
 RT: 8.586 min Scan# 1105
 Delta R.T. 0.000 min
 Lab File: BF132973.D
 Acq: 21 Apr 2023 17:22

Tgt Ion:107 Resp: 489912
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.6 30.8
 142 77.7 62.8 94.2





#37

2-Methylnaphthalene

Concen: 39.806 ng

RT: 8.751 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

Instrument :

BNA_F

ClientSampleId :

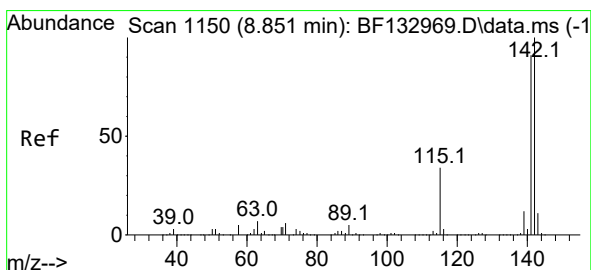
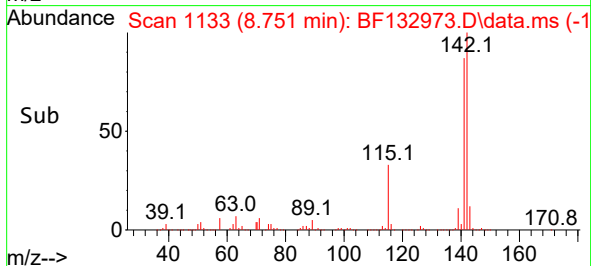
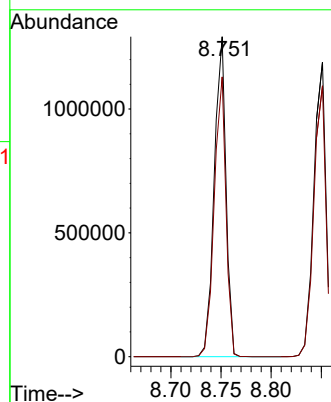
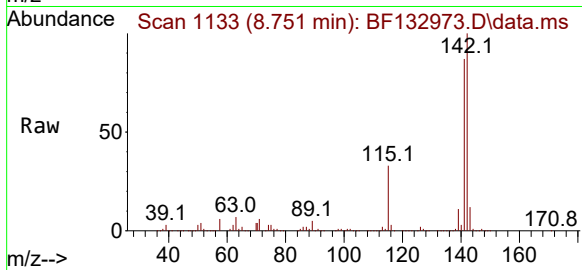
ICVBF042123

Tgt Ion:142 Resp: 1057558

Ion Ratio Lower Upper

142 100

141 87.4 69.4 104.0



#38

1-Methylnaphthalene

Concen: 40.180 ng

RT: 8.851 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BF132973.D

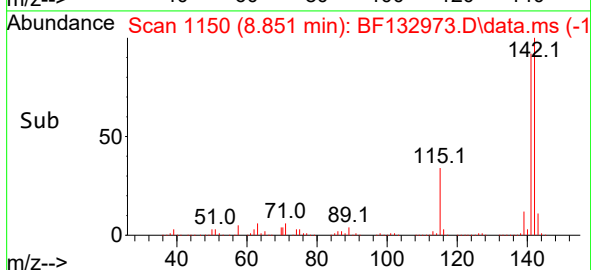
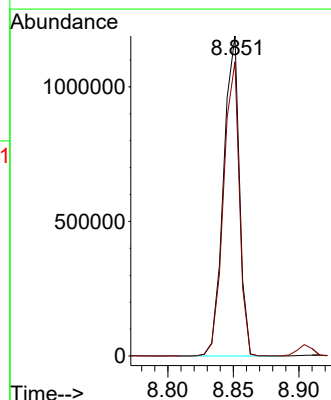
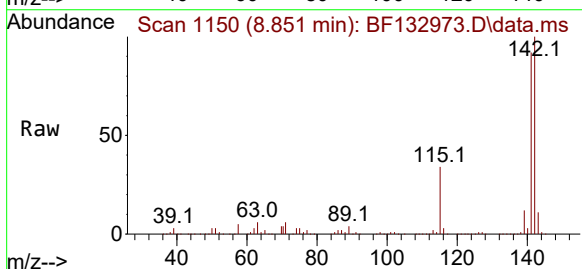
Acq: 21 Apr 2023 17:22

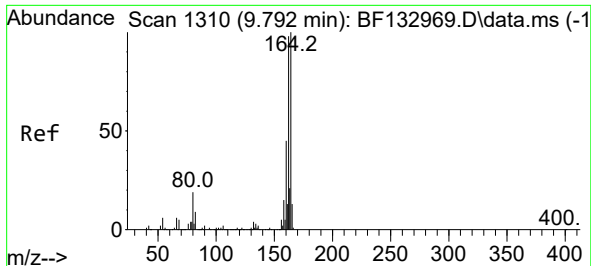
Tgt Ion:142 Resp: 998625

Ion Ratio Lower Upper

142 100

141 92.0 73.1 109.7

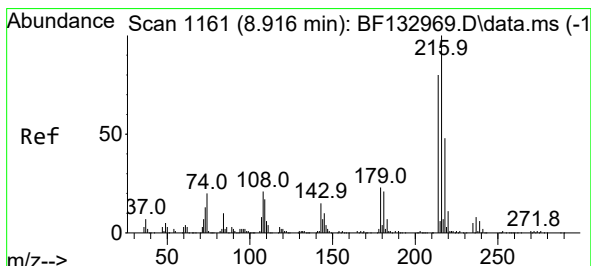
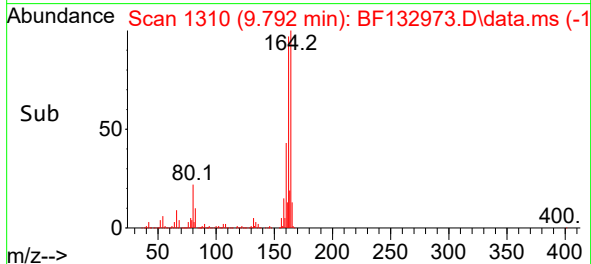
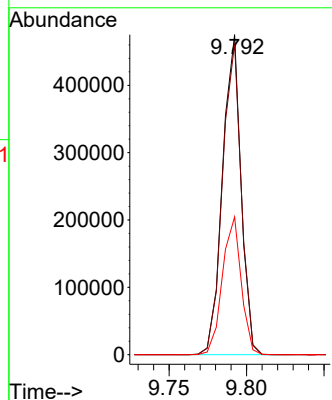
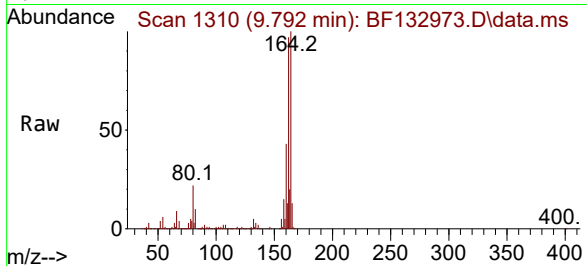




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

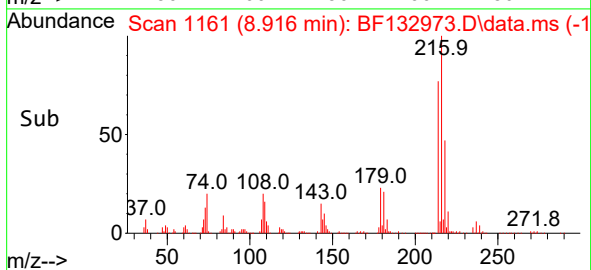
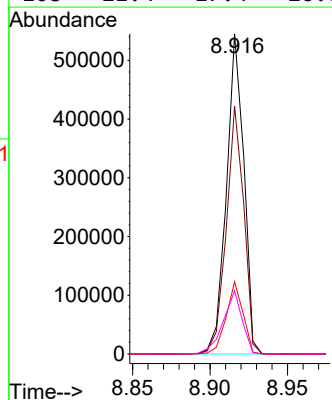
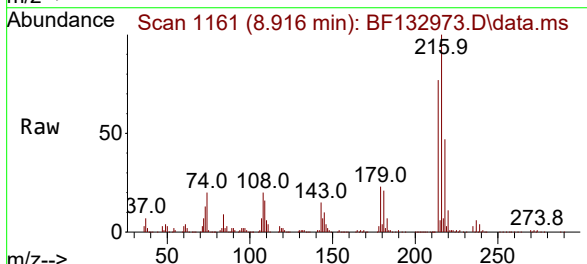
Instrument :
BNA_F
ClientSampleId :
ICVBF042123

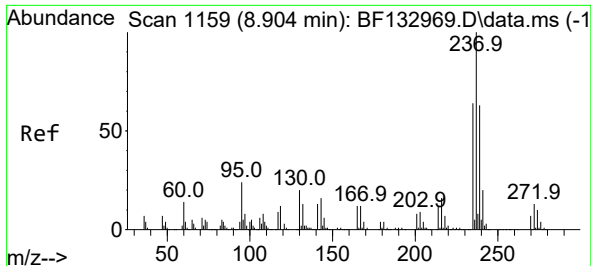
Tgt Ion:164 Resp: 393610
Ion Ratio Lower Upper
164 100
162 97.3 78.7 118.1
160 43.0 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.192 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

Tgt Ion:216 Resp: 425358
Ion Ratio Lower Upper
216 100
214 77.6 63.5 95.3
179 21.9 17.4 26.2
108 21.4 17.4 26.0

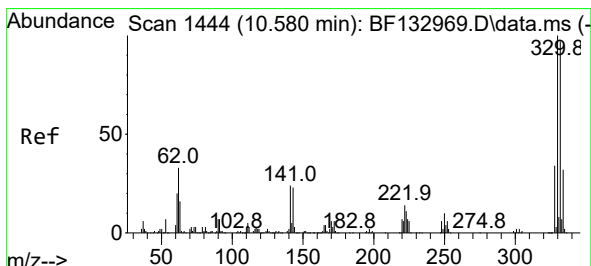
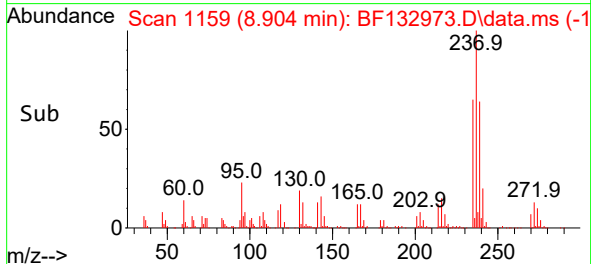
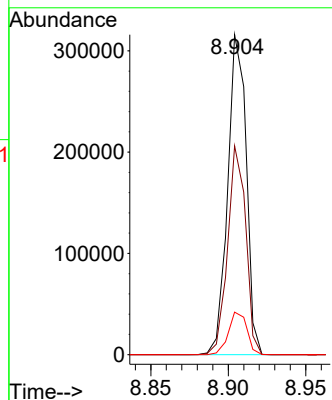
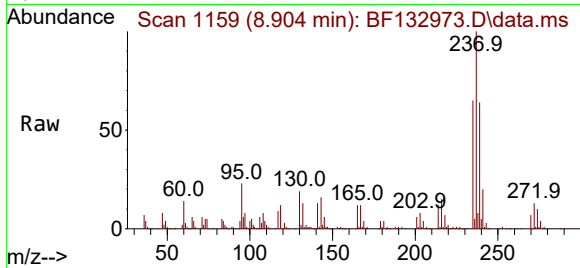




#41
Hexachlorocyclopentadiene
Concen: 42.641 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

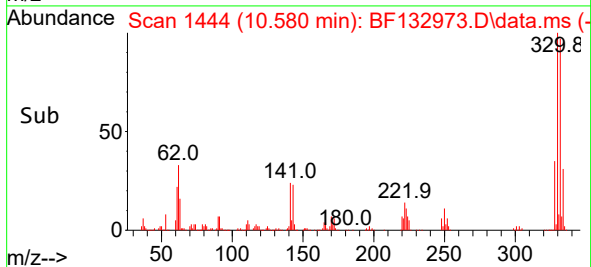
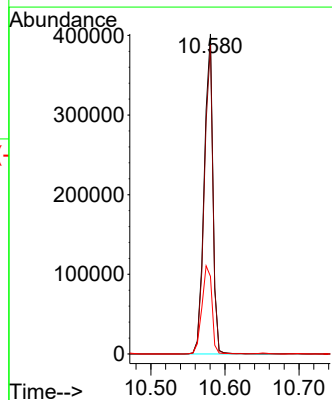
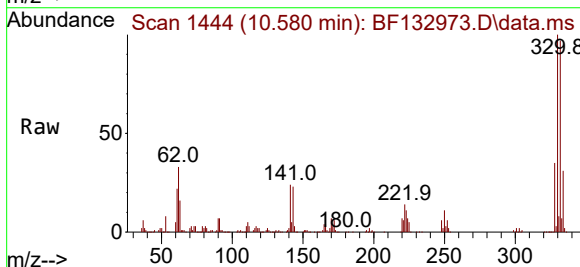
Instrument :
BNA_F
ClientSampleId :
ICVBF042123

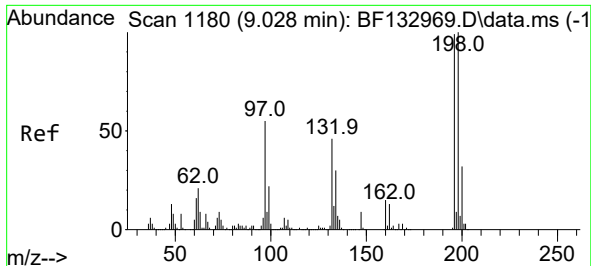
Tgt Ion: 237 Resp: 263182
Ion Ratio Lower Upper
237 100
235 65.2 43.5 83.5
272 13.3 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 83.016 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

Tgt Ion: 330 Resp: 328617
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 31.6 25.8 38.8

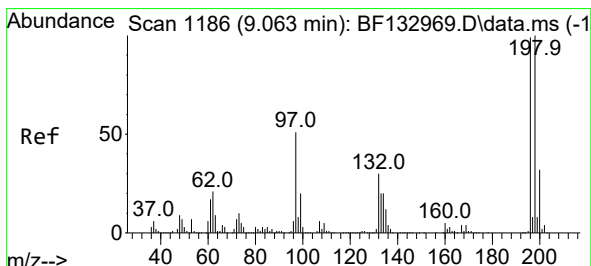
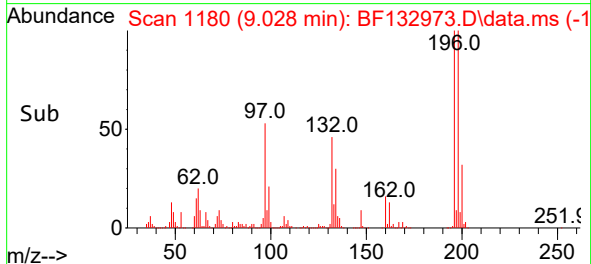
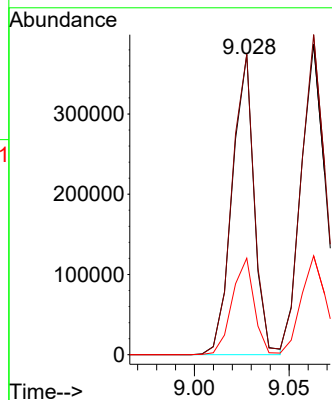
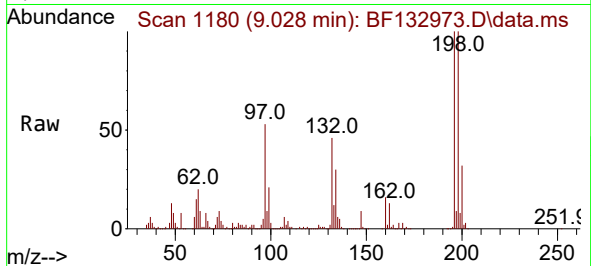




#43
2,4,6-Trichlorophenol
Concen: 41.099 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

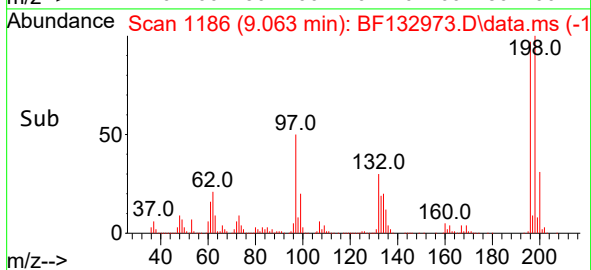
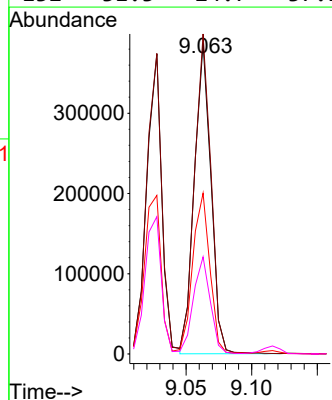
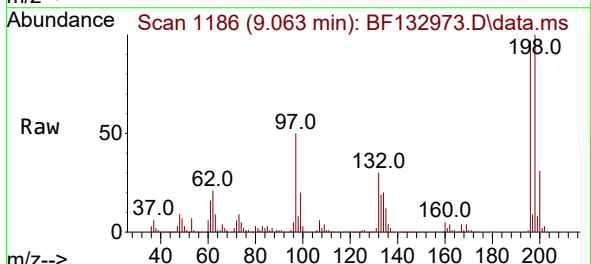
Instrument :
BNA_F
ClientSampleId :
ICVBF042123

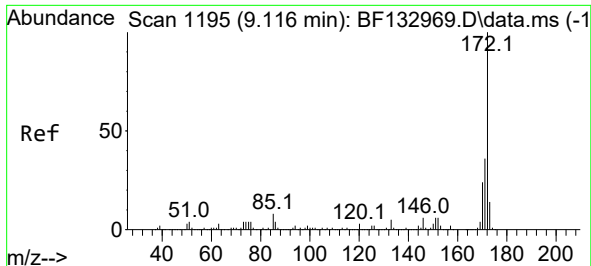
Tgt Ion:196 Resp: 300798
Ion Ratio Lower Upper
196 100
198 100.1 81.0 121.6
200 32.2 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 40.369 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

Tgt Ion:196 Resp: 341703
Ion Ratio Lower Upper
196 100
198 103.0 80.9 121.3
97 51.8 41.3 61.9
132 31.3 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 82.330 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF042123

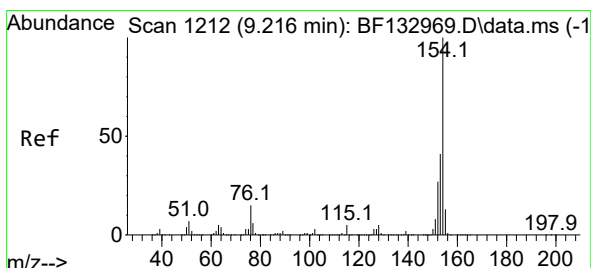
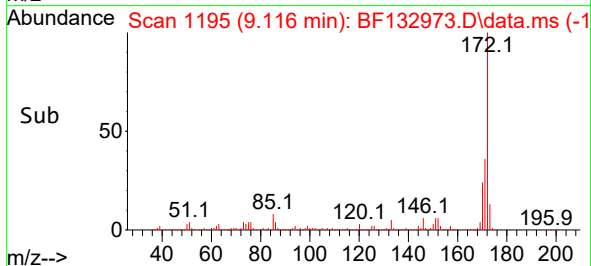
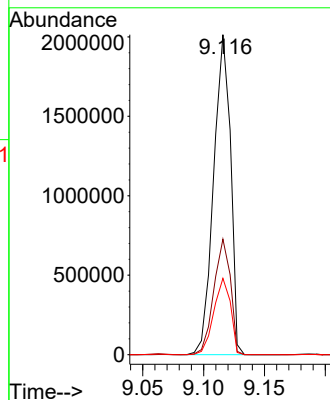
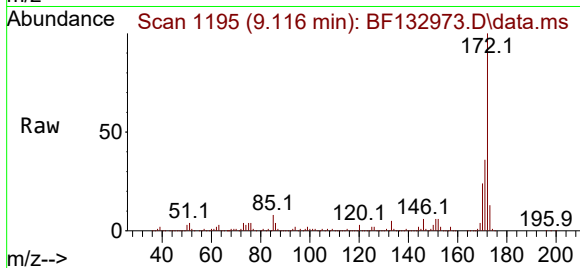
Tgt Ion:172 Resp: 1937004

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.8 19.4 29.2



#46

1,1'-Biphenyl

Concen: 39.641 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

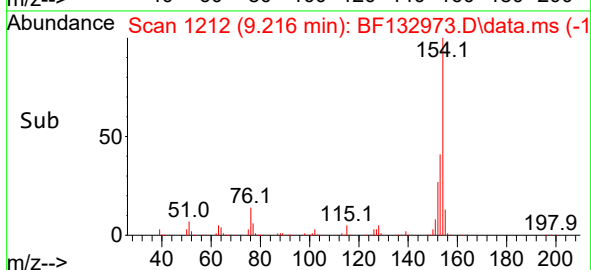
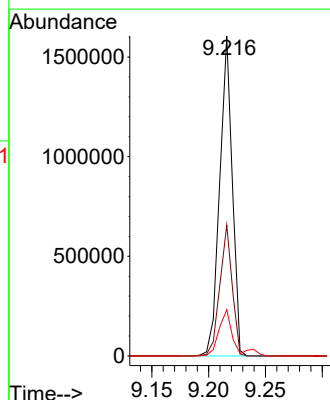
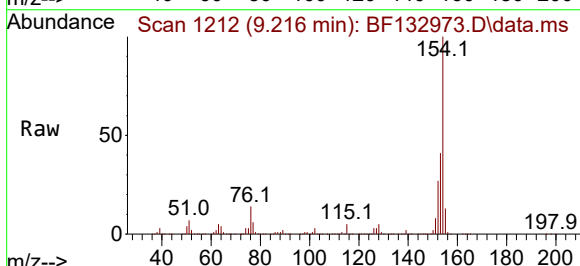
Tgt Ion:154 Resp: 1237266

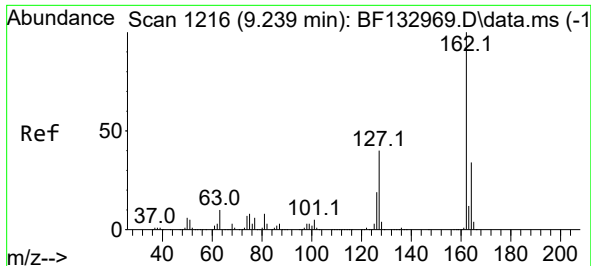
Ion Ratio Lower Upper

154 100

153 41.0 21.0 61.0

76 14.4 0.0 34.5

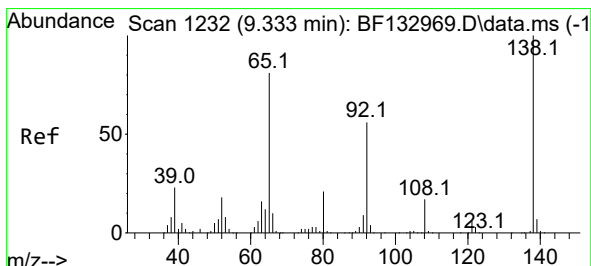
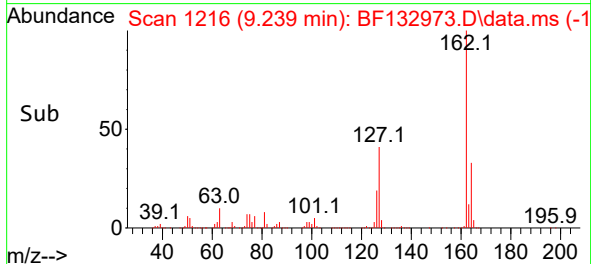
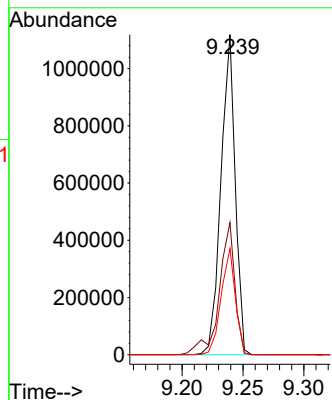
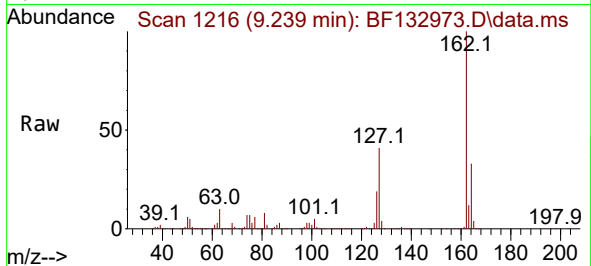




#47
2-Chloronaphthalene
Concen: 40.022 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

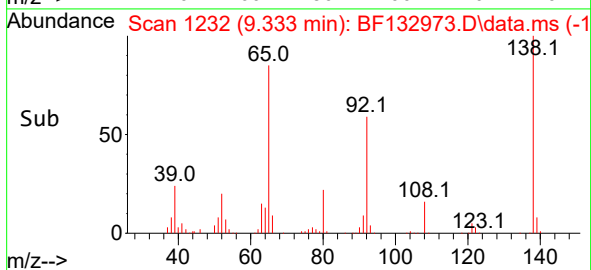
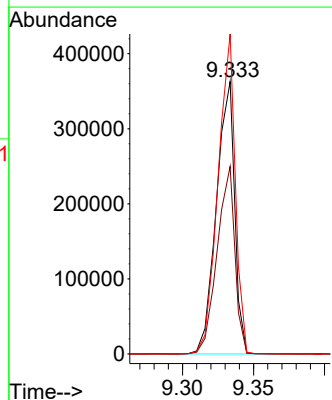
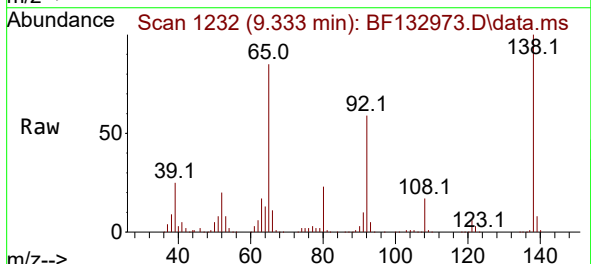
Instrument :
BNA_F
ClientSampleId :
ICVBF042123

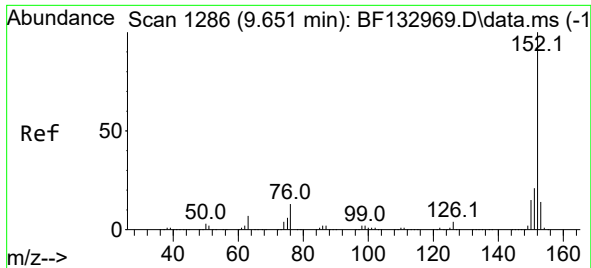
Tgt Ion:162 Resp: 914288
Ion Ratio Lower Upper
162 100
127 41.3 32.3 48.5
164 33.2 26.8 40.2



#48
2-Nitroaniline
Concen: 42.775 ng
RT: 9.333 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

Tgt Ion: 65 Resp: 322958
Ion Ratio Lower Upper
65 100
92 68.8 55.4 83.0
138 117.4 98.2 147.2

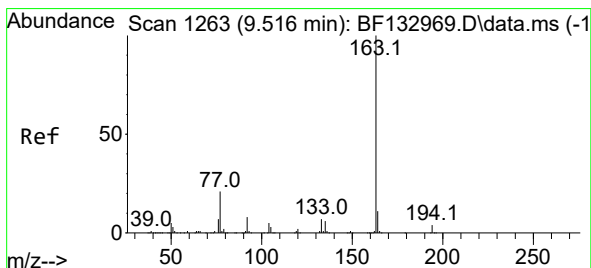
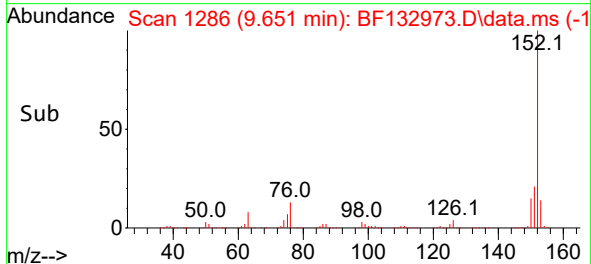
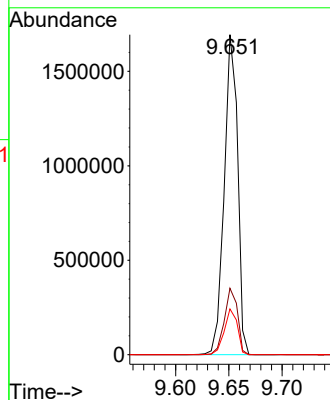
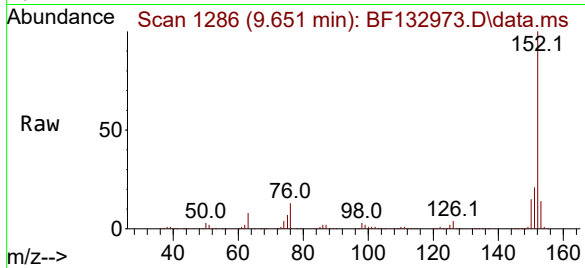




#49
Acenaphthylene
Concen: 40.363 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

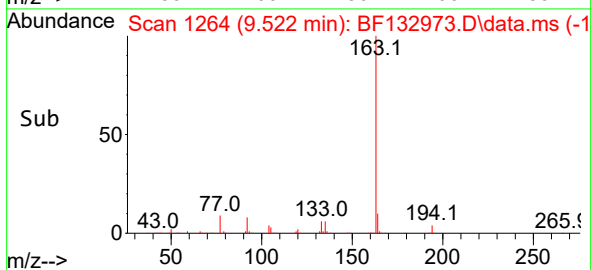
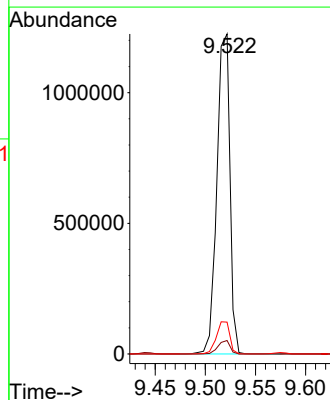
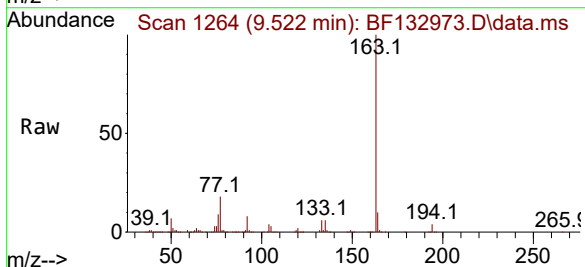
Instrument :
BNA_F
ClientSampleId :
ICVBF042123

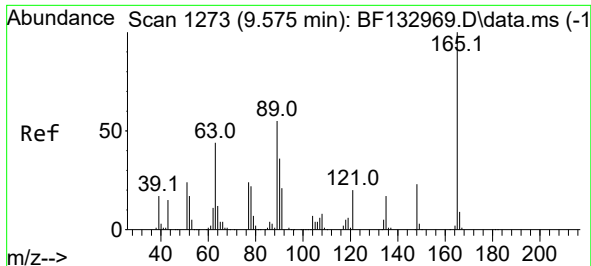
Tgt Ion:152 Resp: 1473350
Ion Ratio Lower Upper
152 100
151 20.7 16.6 24.8
153 14.3 11.5 17.3



#50
Dimethylphthalate
Concen: 40.288 ng
RT: 9.522 min Scan# 1264
Delta R.T. 0.006 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

Tgt Ion:163 Resp: 1105745
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.0 8.5 12.7

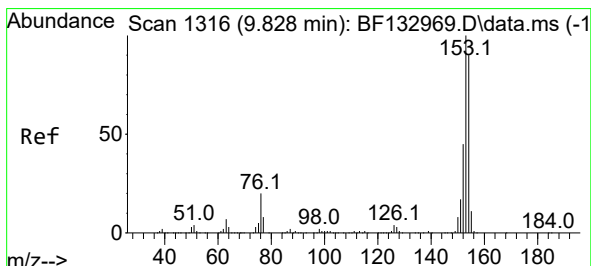
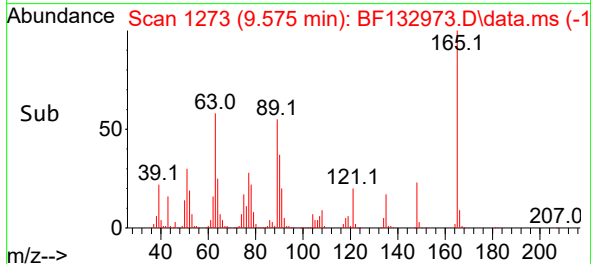
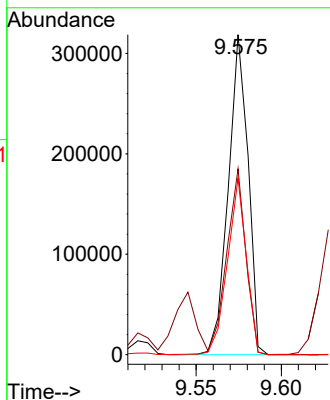
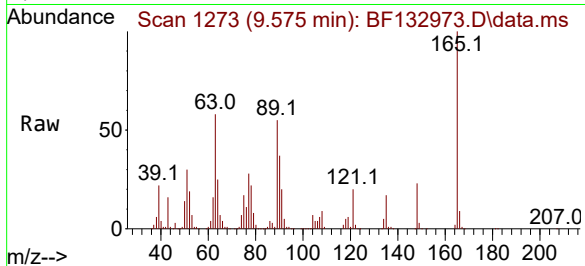




#51
2,6-Dinitrotoluene
Concen: 41.634 ng
RT: 9.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

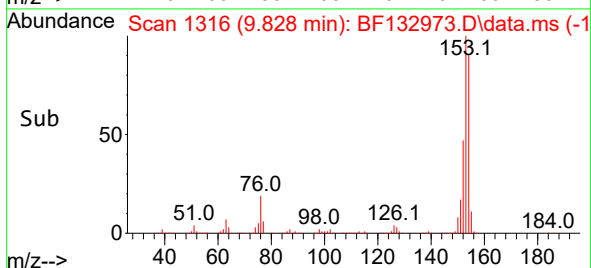
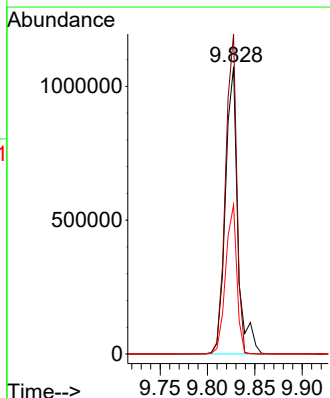
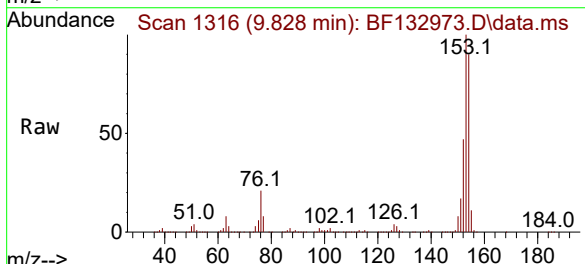
Instrument :
BNA_F
ClientSampleId :
ICVBF042123

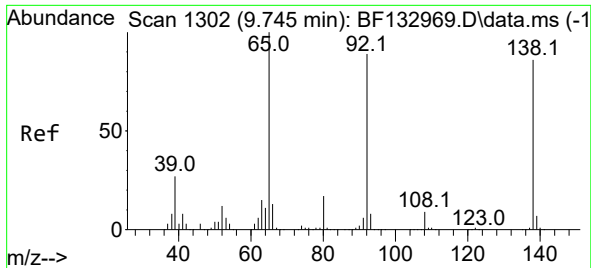
Tgt Ion:165 Resp: 257185
Ion Ratio Lower Upper
165 100
63 58.1 45.9 68.9
89 55.2 44.0 66.0



#52
Acenaphthene
Concen: 40.070 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

Tgt Ion:154 Resp: 979623
Ion Ratio Lower Upper
154 100
153 111.4 89.0 133.6
152 51.9 40.4 60.6

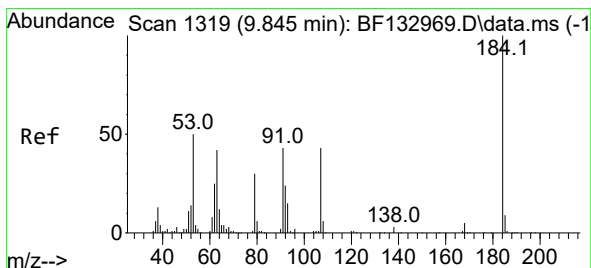
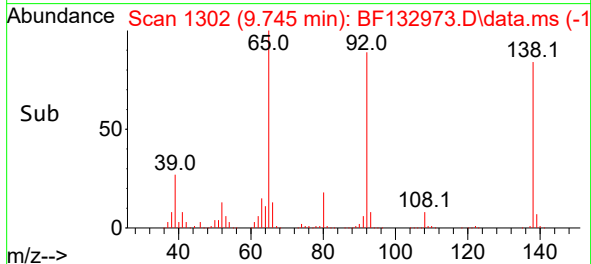
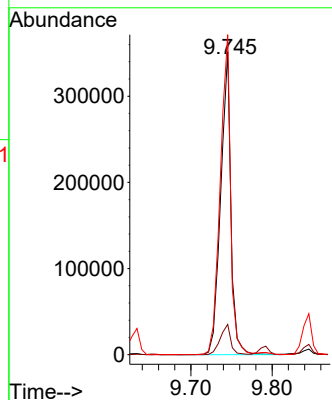
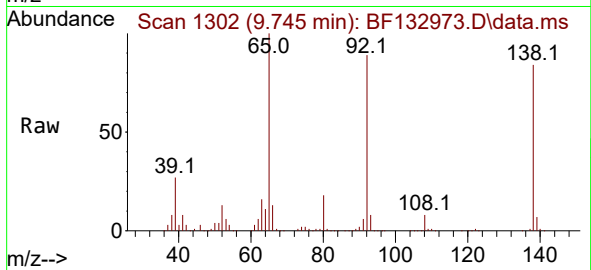




#53
3-Nitroaniline
Concen: 41.842 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

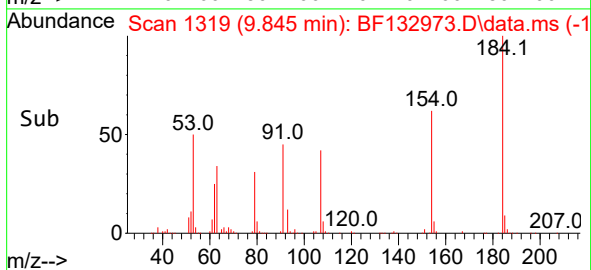
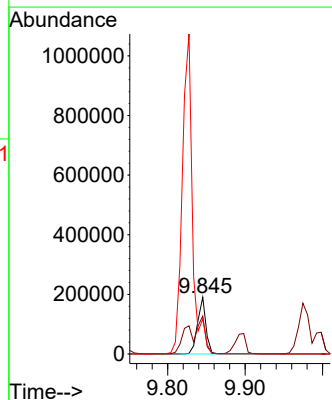
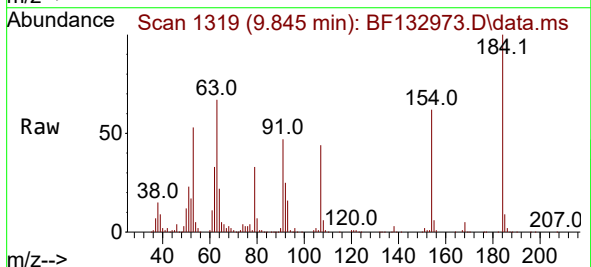
Instrument :
BNA_F
ClientSampleId :
ICVBF042123

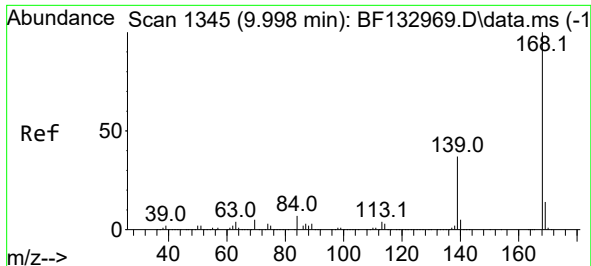
Tgt Ion:138 Resp: 307329
Ion Ratio Lower Upper
138 100
108 10.0 8.0 12.0
92 105.6 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 45.935 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

Tgt Ion:184 Resp: 142630
Ion Ratio Lower Upper
184 100
63 67.1 49.8 74.8
154 61.6 49.5 74.3

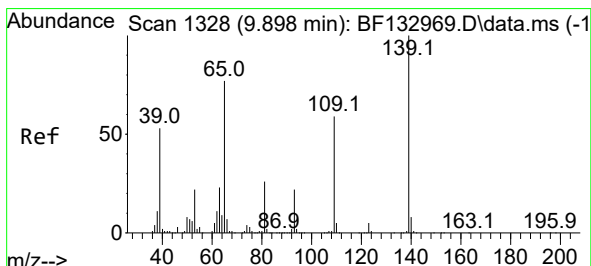
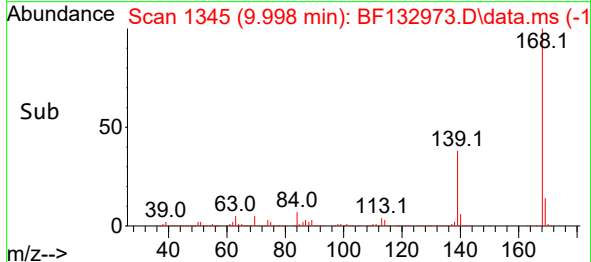
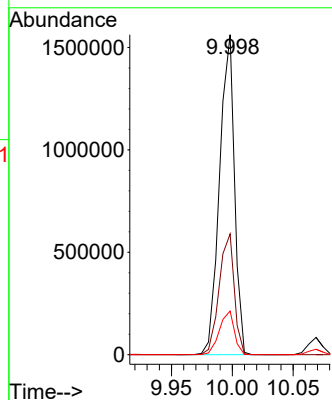
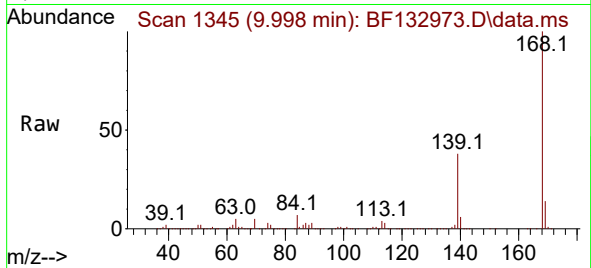




#55
Dibenzenofuran
Concen: 40.001 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

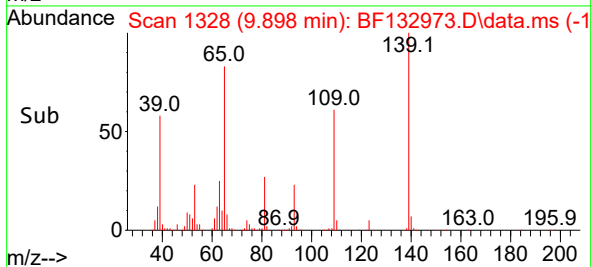
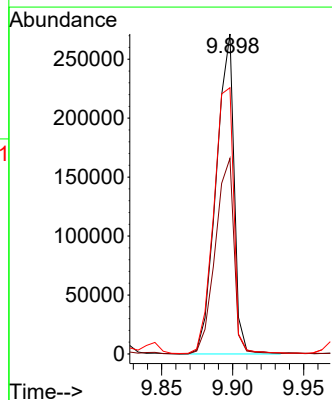
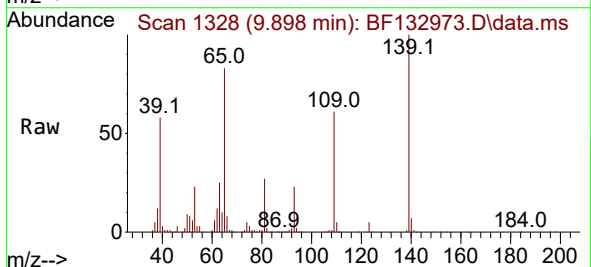
Instrument :
BNA_F
ClientSampleId :
ICVBF042123

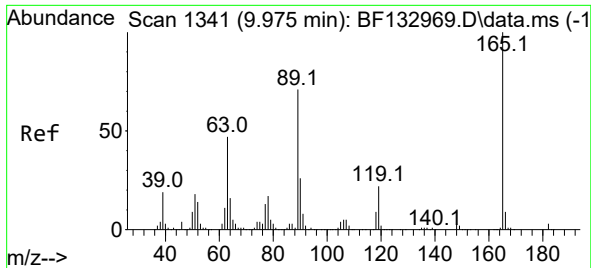
Tgt Ion:168 Resp: 1333991
Ion Ratio Lower Upper
168 100
139 37.7 29.8 44.8
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 41.955 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

Tgt Ion:139 Resp: 238673
Ion Ratio Lower Upper
139 100
109 61.1 39.4 79.4
65 83.2 57.5 97.5

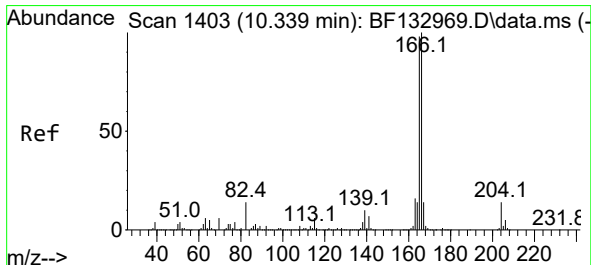
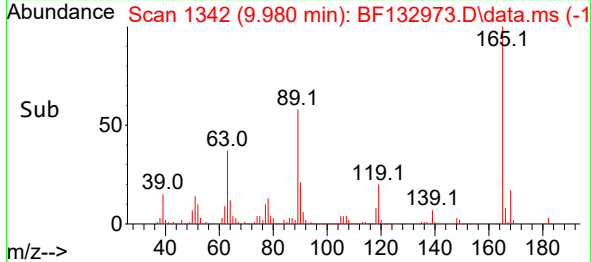
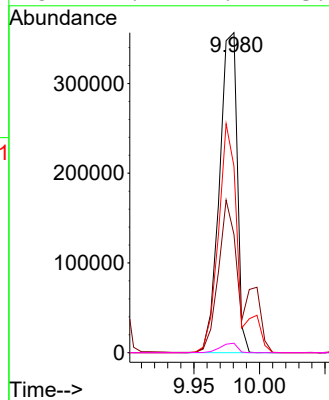
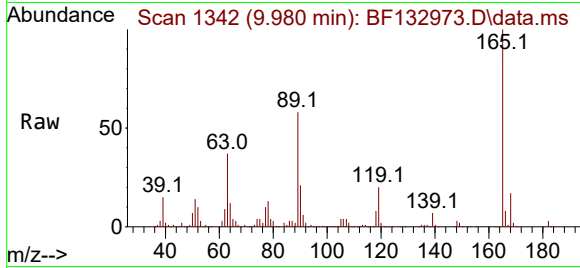




#57
2,4-Dinitrotoluene
Concen: 42.537 ng
RT: 9.980 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

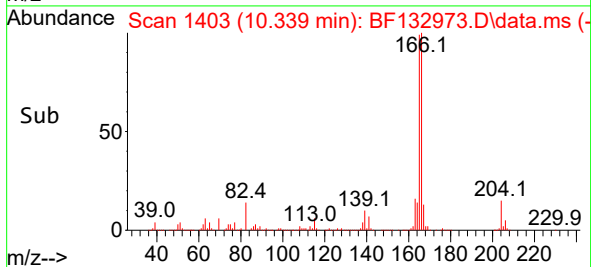
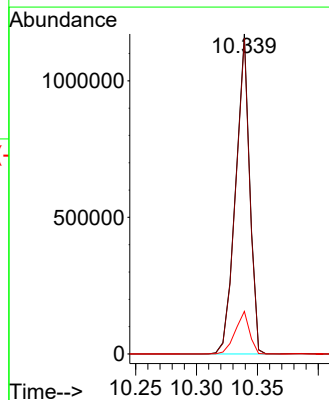
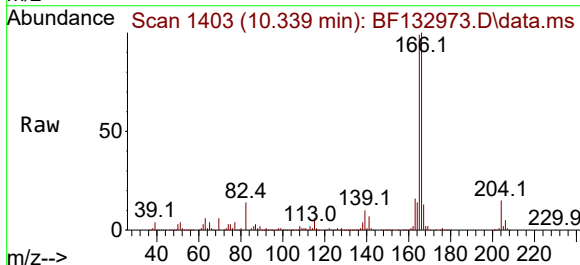
Instrument :
BNA_F
ClientSampleId :
ICVBF042123

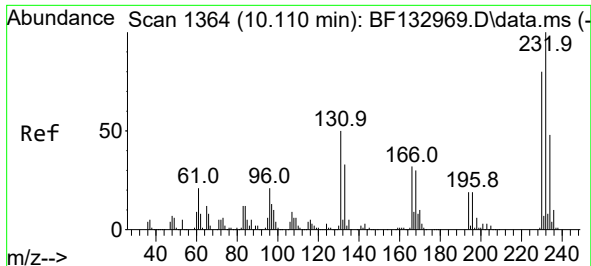
Tgt Ion:165 Resp: 335094
Ion Ratio Lower Upper
165 100
63 36.9 37.7 56.5#
89 58.3 57.0 85.4
182 2.9 2.1 3.1



#58
Fluorene
Concen: 38.349 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

Tgt Ion:166 Resp: 936969
Ion Ratio Lower Upper
166 100
165 98.6 78.6 117.8
167 13.3 11.0 16.4

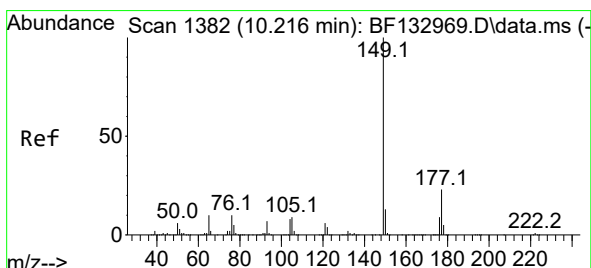
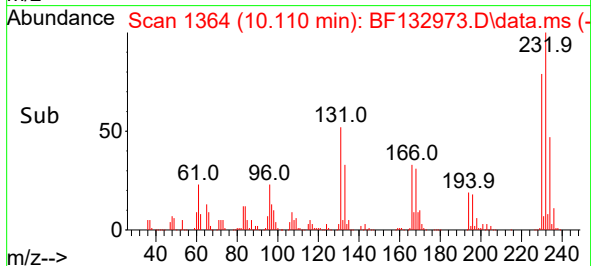
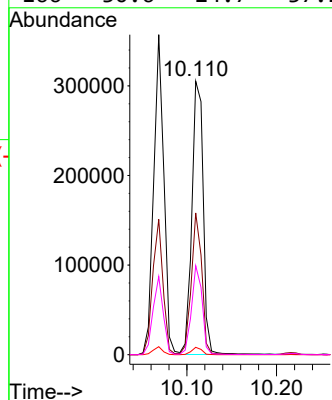
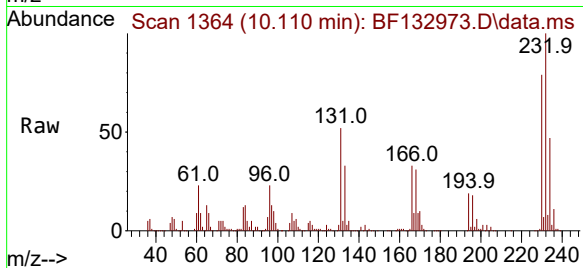




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.733 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

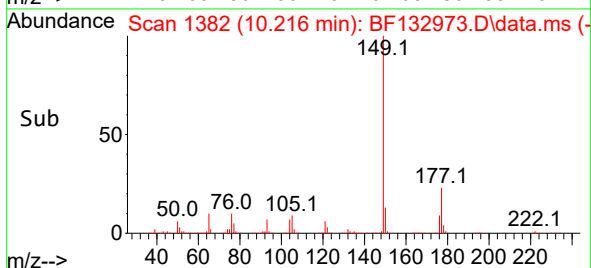
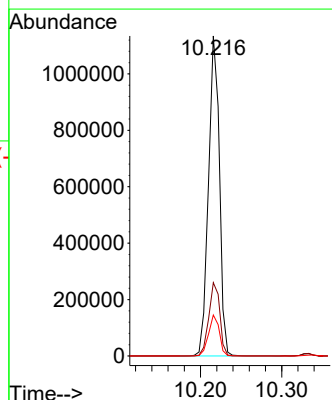
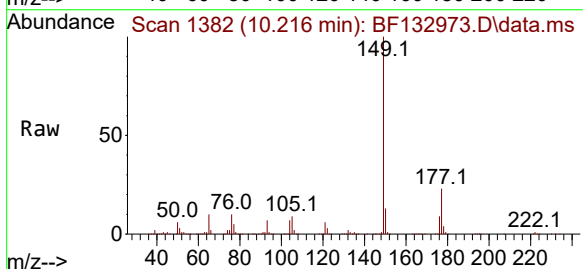
Instrument :
BNA_F
ClientSampleId :
ICVBF042123

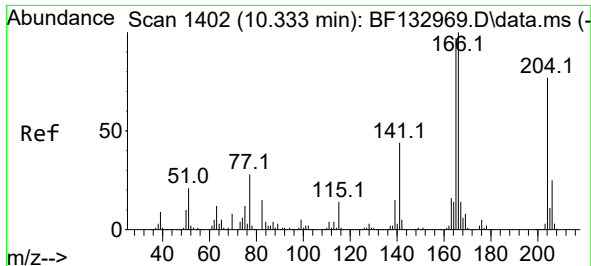
Tgt Ion:232 Resp: 267296
Ion Ratio Lower Upper
232 100
131 48.0 38.0 57.0
130 2.4 1.8 2.8
166 30.6 24.7 37.1



#60
Diethylphthalate
Concen: 40.735 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

Tgt Ion:149 Resp: 1056015
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.4
150 12.8 10.2 15.4

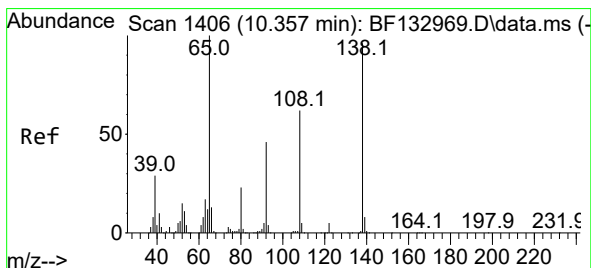
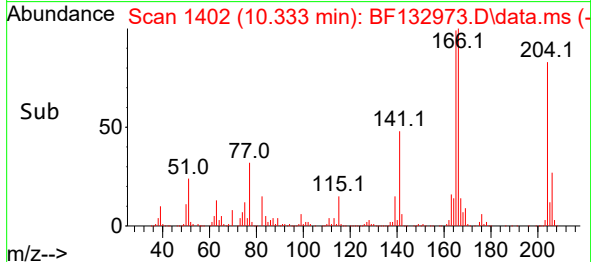
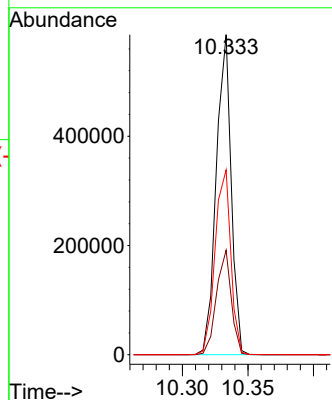
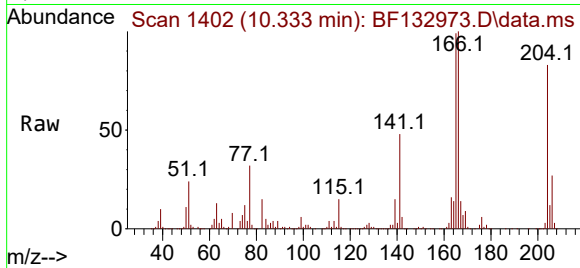




#61
4-Chlorophenyl-phenylether
Concen: 38.914 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

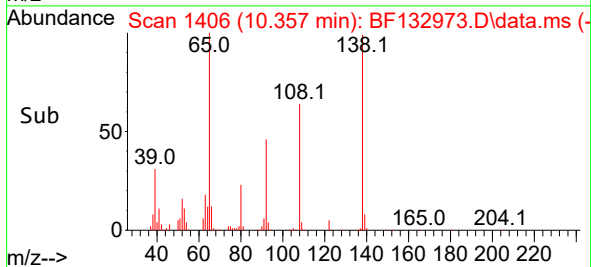
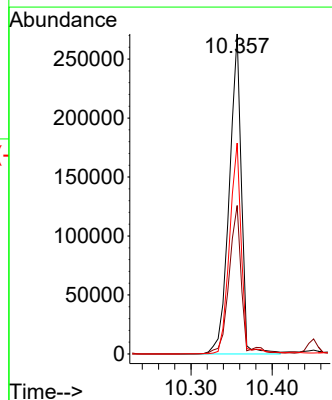
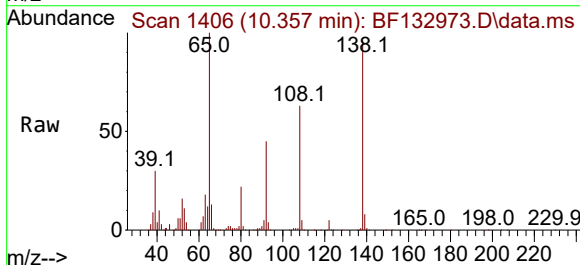
Instrument :
BNA_F
ClientSampleId :
ICVBF042123

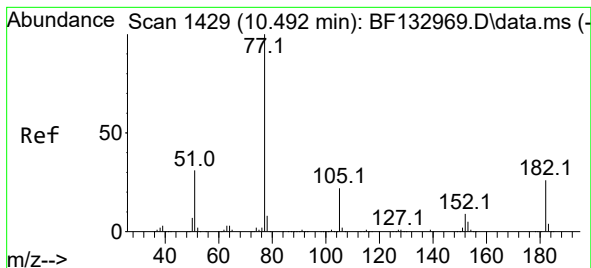
Tgt Ion:204 Resp: 463335
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 57.8 46.1 69.1



#62
4-Nitroaniline
Concen: 41.767 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

Tgt Ion:138 Resp: 281956
Ion Ratio Lower Upper
138 100
92 46.4 27.7 67.7
108 65.9 45.2 85.2





#63

Azobenzene

Concen: 40.184 ng

RT: 10.492 min Scan# 1429

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF042123

Tgt Ion: 77 Resp: 1103539

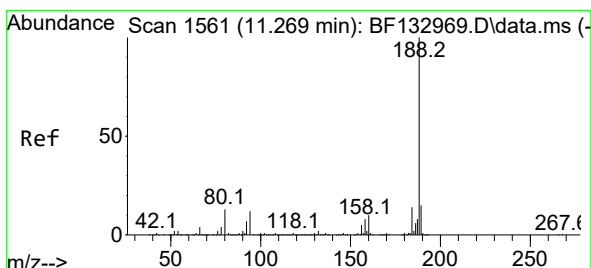
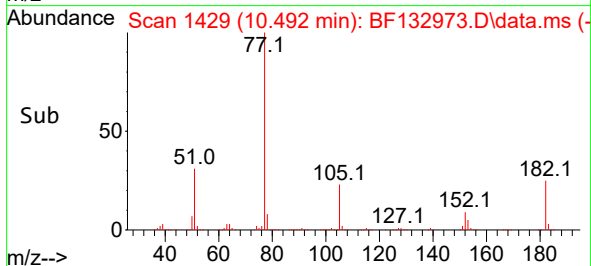
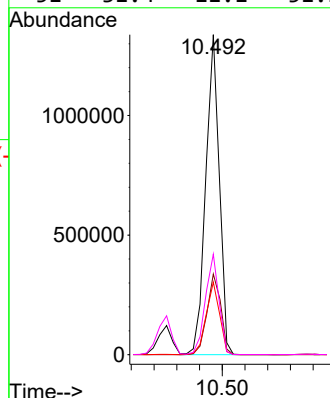
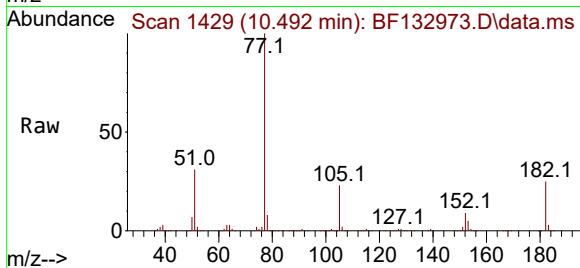
Ion Ratio Lower Upper

77 100

182 25.2 5.9 45.9

105 22.6 2.3 42.3

51 31.4 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

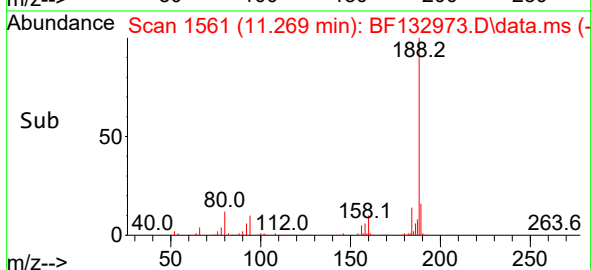
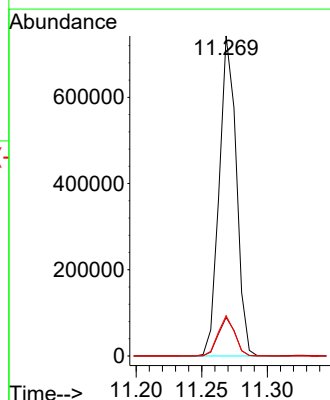
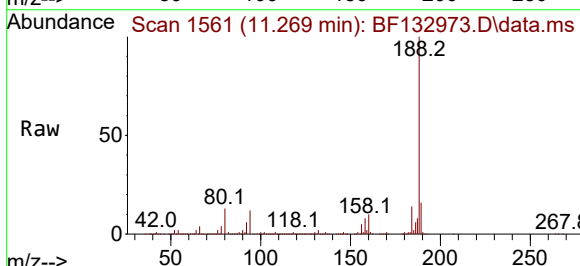
Tgt Ion: 188 Resp: 672763

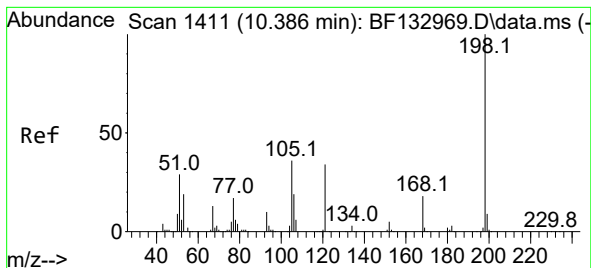
Ion Ratio Lower Upper

188 100

94 12.0 9.7 14.5

80 12.6 10.4 15.6

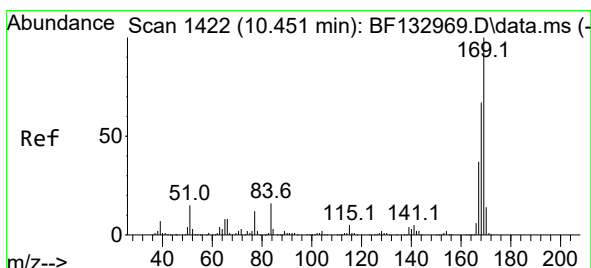
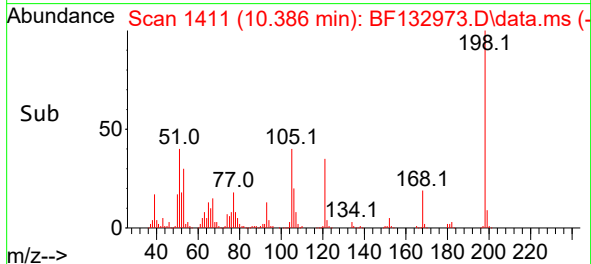
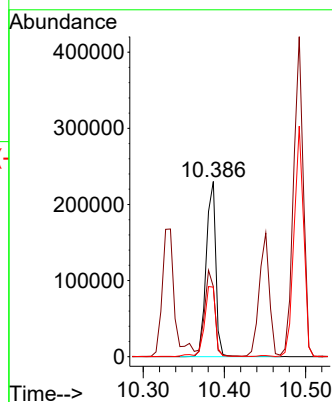
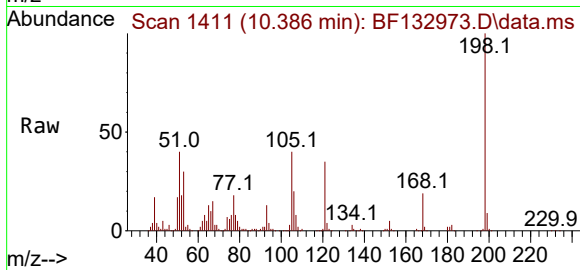




#65
4,6-Dinitro-2-methylphenol
Concen: 46.156 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

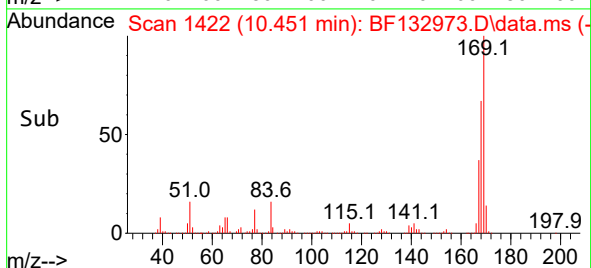
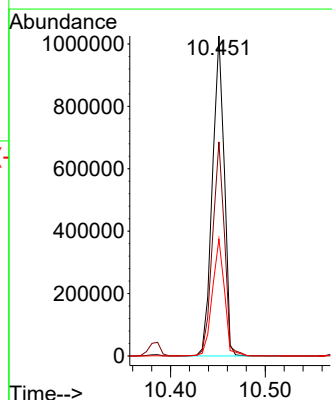
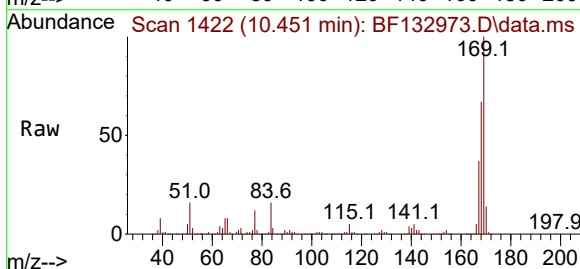
Instrument :
BNA_F
ClientSampleId :
ICVBF042123

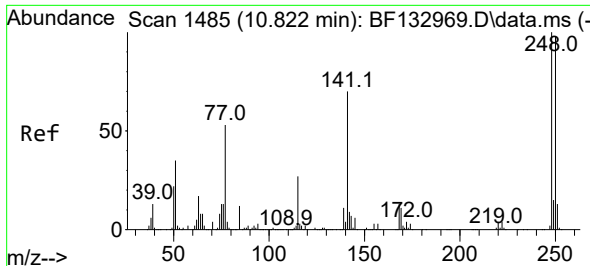
Tgt Ion:198 Resp: 188215
Ion Ratio Lower Upper
198 100
51 40.1 15.5 55.5
105 39.7 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 40.690 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

Tgt Ion:169 Resp: 887966
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.8
167 36.6 29.7 44.5

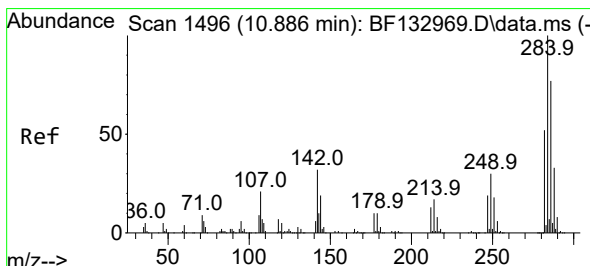
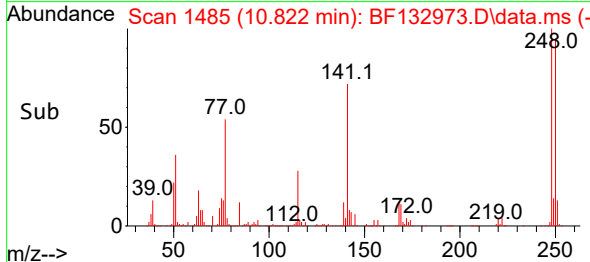
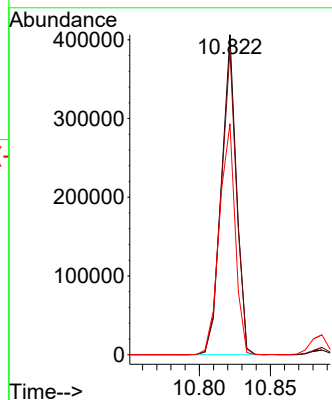
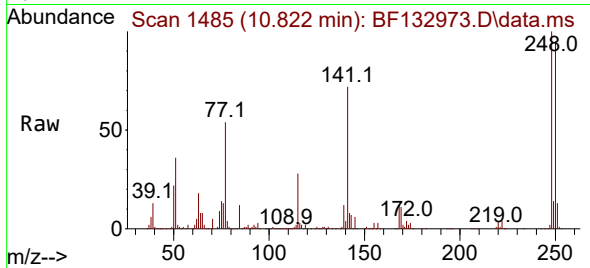




#67
4-Bromophenyl-phenylether
Concen: 41.259 ng
RT: 10.822 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

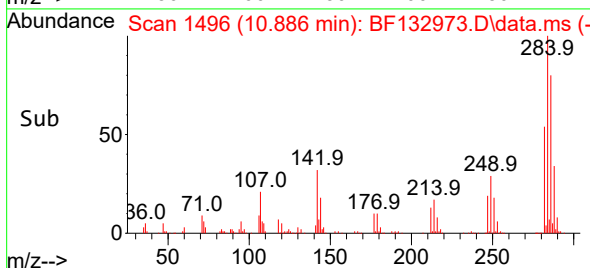
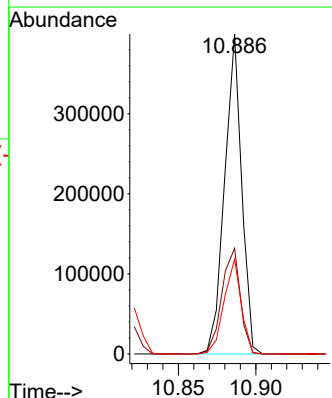
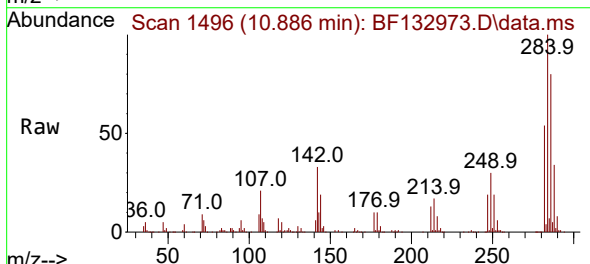
Instrument :
BNA_F
ClientSampleId :
ICVBF042123

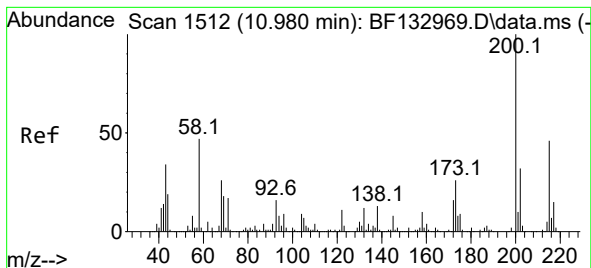
Tgt Ion:248 Resp: 301045
Ion Ratio Lower Upper
248 100
250 95.2 78.7 118.1
141 72.1 56.3 84.5



#68
Hexachlorobenzene
Concen: 40.823 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

Tgt Ion:284 Resp: 305219
Ion Ratio Lower Upper
284 100
142 33.0 26.0 39.0
249 29.6 23.7 35.5





#69

Atrazine

Concen: 41.613 ng

RT: 10.980 min Scan# 1512

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF042123

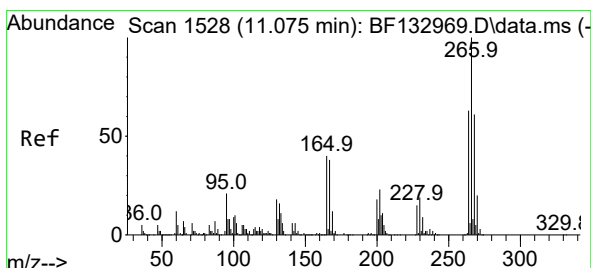
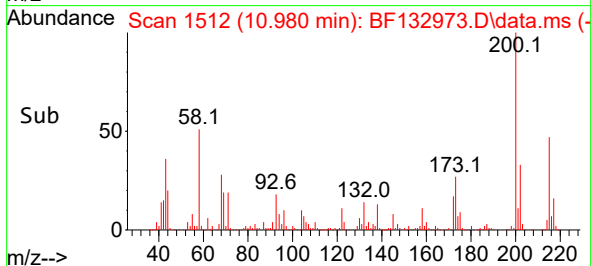
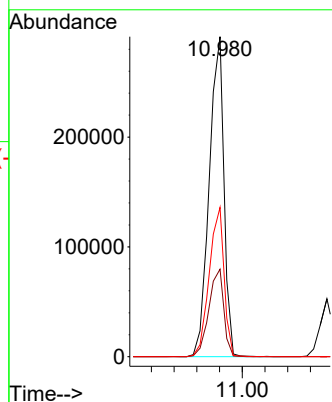
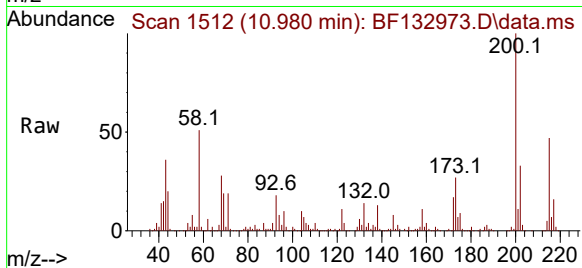
Tgt Ion:200 Resp: 261668

Ion Ratio Lower Upper

200 100

173 27.4 6.2 46.2

215 46.6 26.3 66.3



#70

Pentachlorophenol

Concen: 44.245 ng

RT: 11.075 min Scan# 1528

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

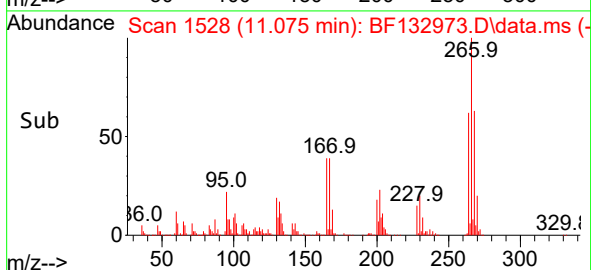
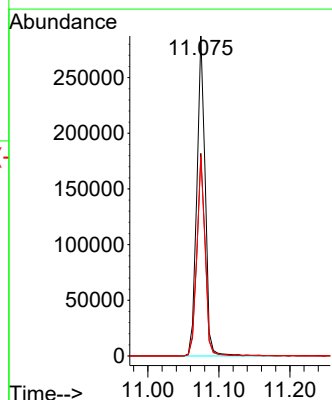
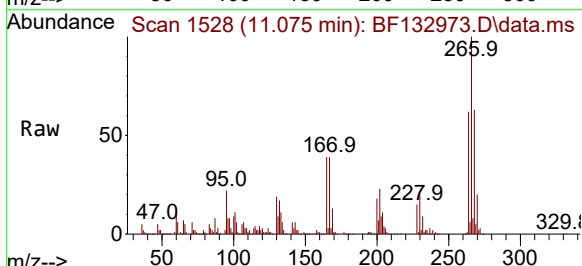
Tgt Ion:266 Resp: 235595

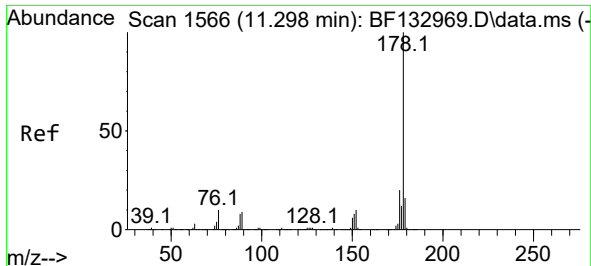
Ion Ratio Lower Upper

266 100

268 63.3 48.8 73.2

264 62.2 50.6 76.0

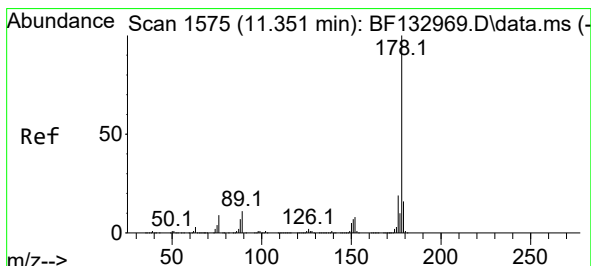
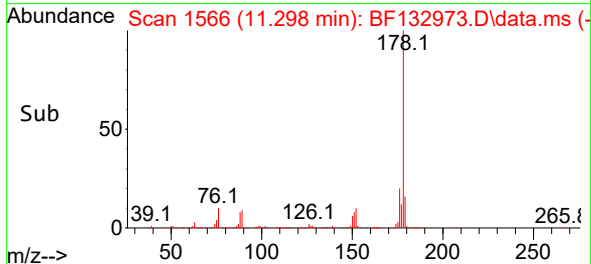
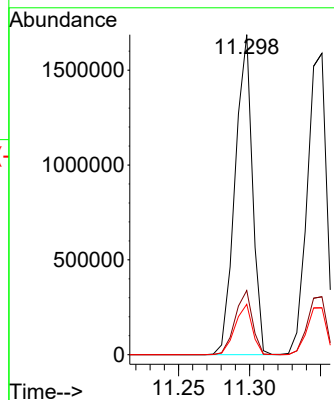
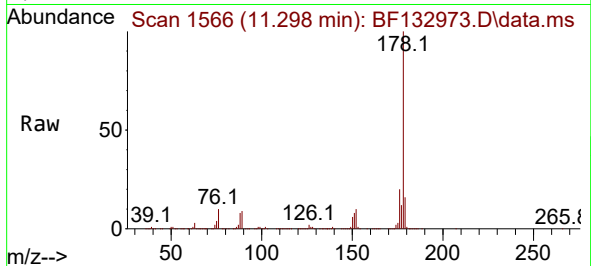




#71
Phenanthrene
Concen: 39.691 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

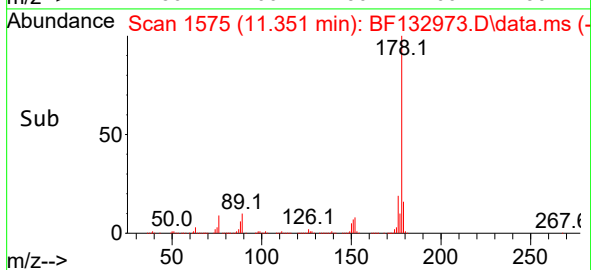
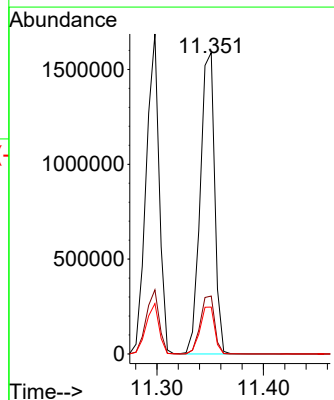
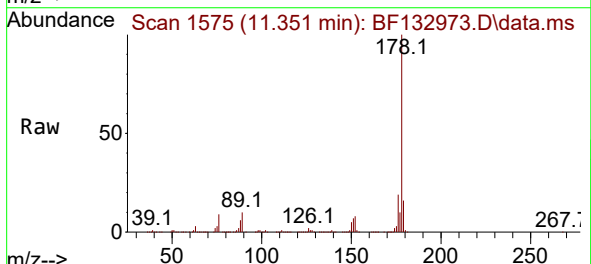
Instrument :
BNA_F
ClientSampleId :
ICVBF042123

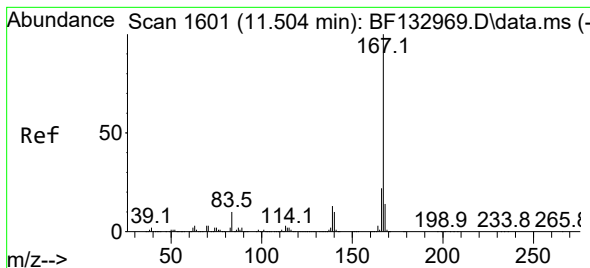
Tgt Ion:178 Resp: 1435188
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.8 12.5 18.7



#72
Anthracene
Concen: 40.484 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

Tgt Ion:178 Resp: 1498095
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.6 12.4 18.6





#73

Carbazole

Concen: 40.780 ng

RT: 11.504 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF042123

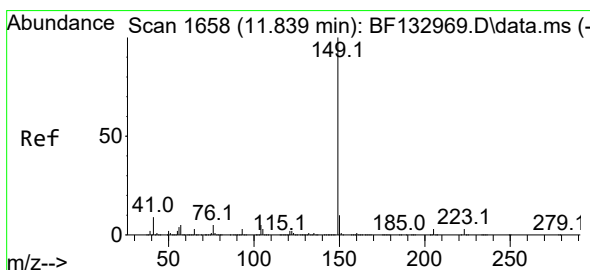
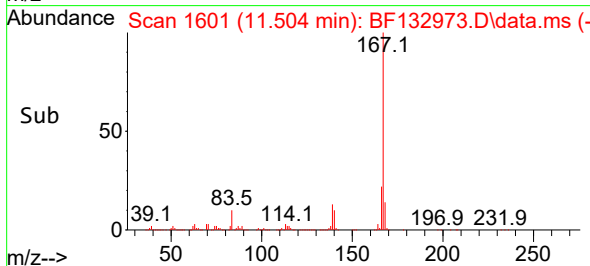
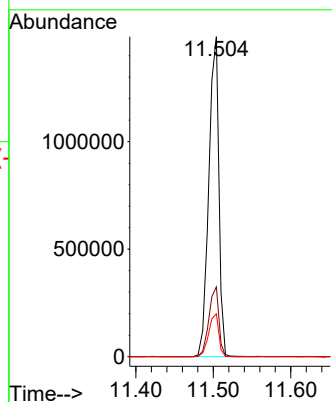
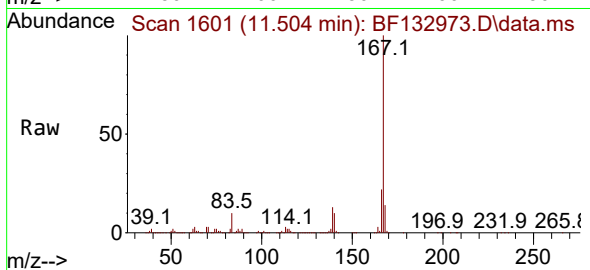
Tgt Ion:167 Resp: 1343703

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.0

139 13.4 10.6 16.0



#74

Di-n-butylphthalate

Concen: 42.036 ng

RT: 11.839 min Scan# 1658

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

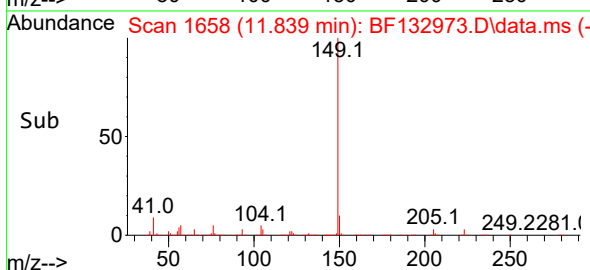
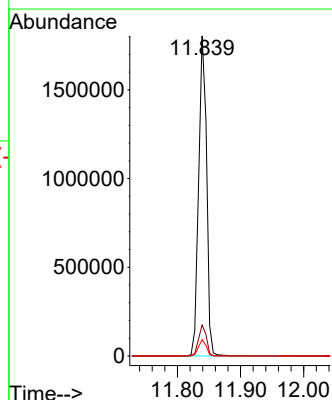
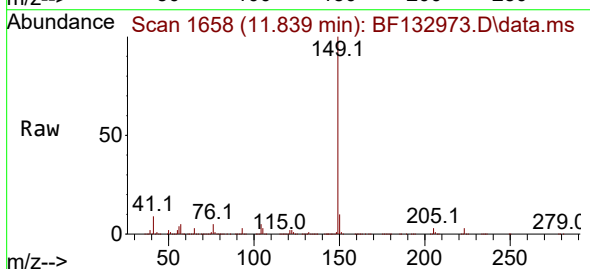
Tgt Ion:149 Resp: 1567439

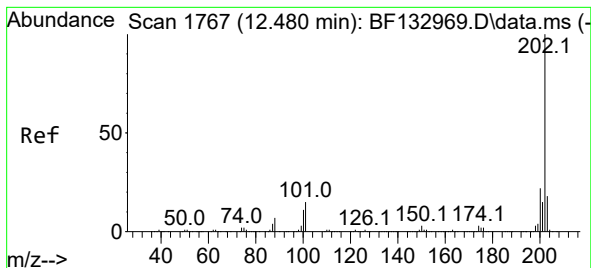
Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

104 5.1 4.0 6.0





#75

Fluoranthene

Concen: 41.055 ng

RT: 12.480 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF042123

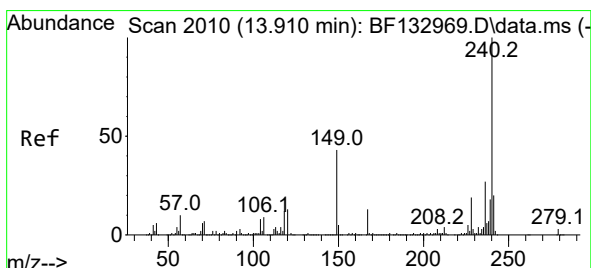
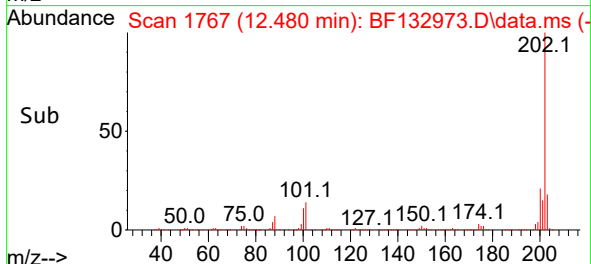
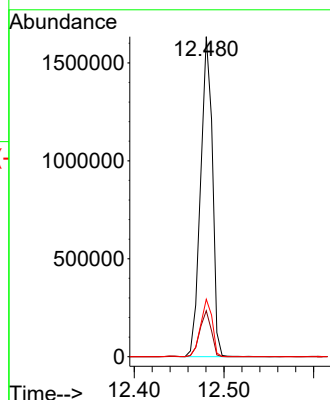
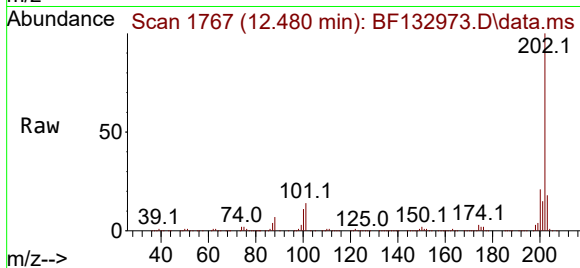
Tgt Ion:202 Resp: 1489876

Ion Ratio Lower Upper

202 100

101 14.3 0.0 35.3

203 18.0 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

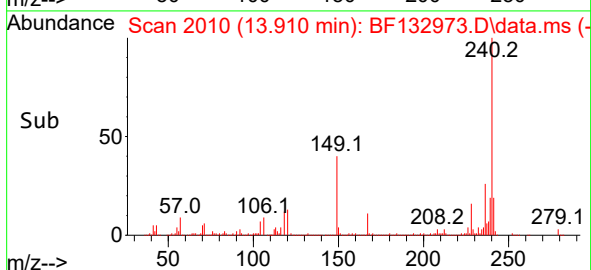
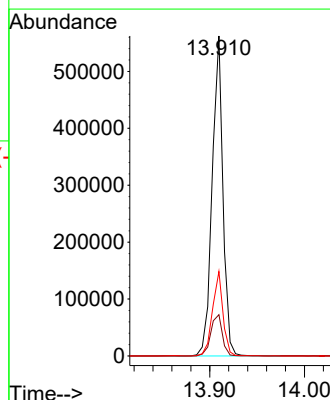
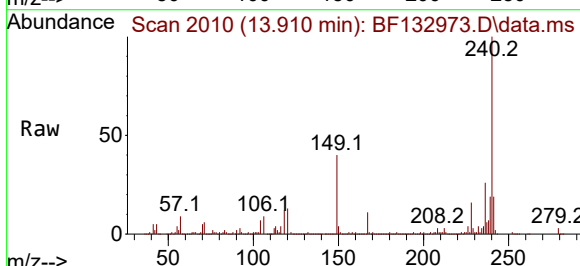
Tgt Ion:240 Resp: 442316

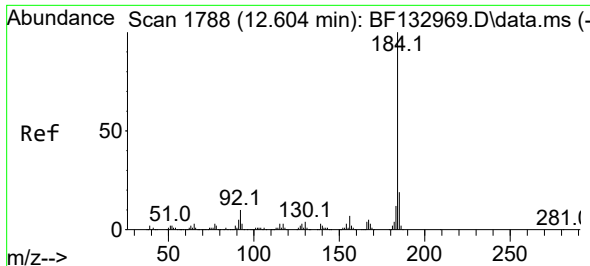
Ion Ratio Lower Upper

240 100

120 12.9 10.5 15.7

236 26.4 21.5 32.3

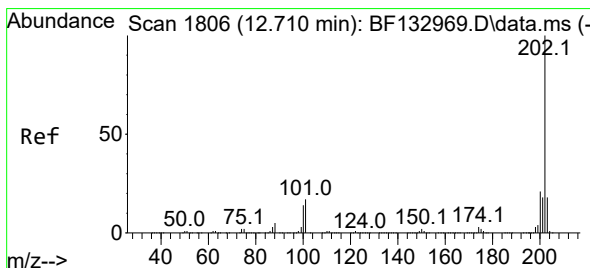
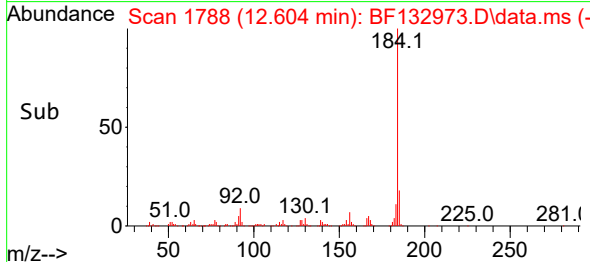
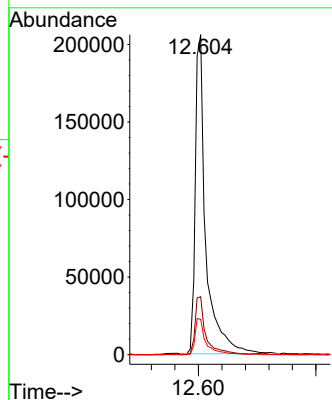
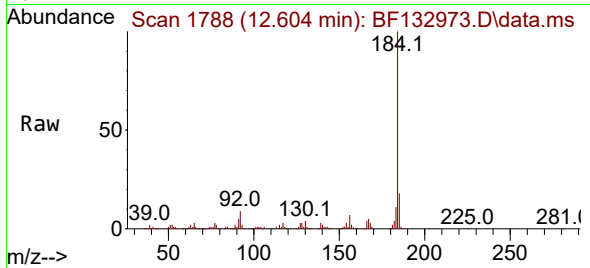




#77
Benzidine
Concen: 34.249 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

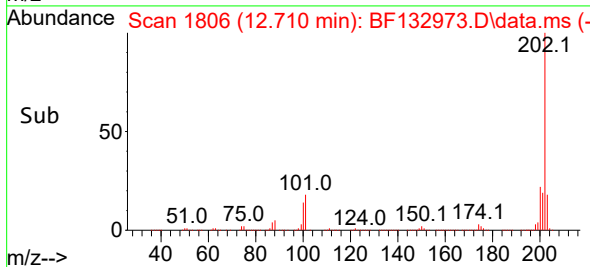
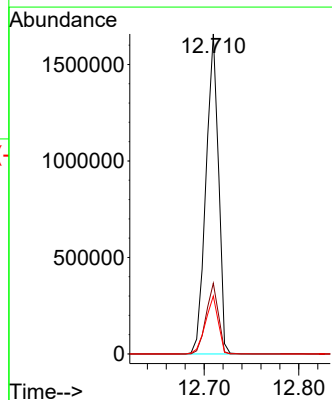
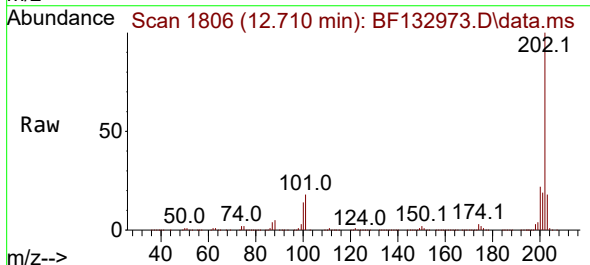
Instrument :
BNA_F
ClientSampleId :
ICVBF042123

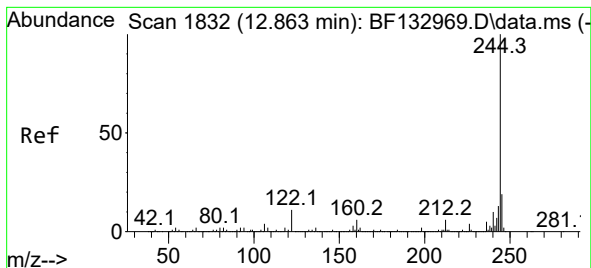
Tgt Ion:184 Resp: 256173
Ion Ratio Lower Upper
184 100
185 18.1 15.4 23.2
183 11.0 9.4 14.0



#78
Pyrene
Concen: 39.982 ng
RT: 12.710 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

Tgt Ion:202 Resp: 1515998
Ion Ratio Lower Upper
202 100
200 22.1 17.1 25.7
203 18.1 14.1 21.1





#79

Terphenyl-d14

Concen: 78.973 ng

RT: 12.863 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF042123

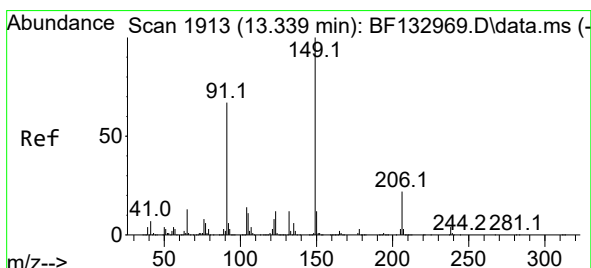
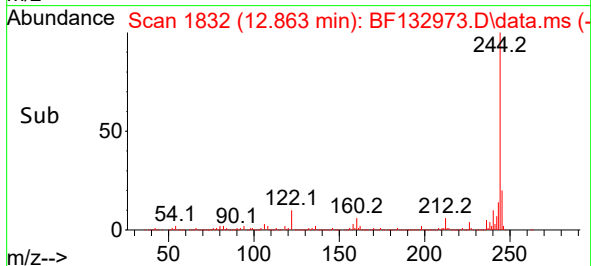
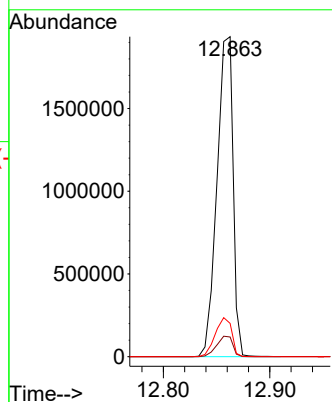
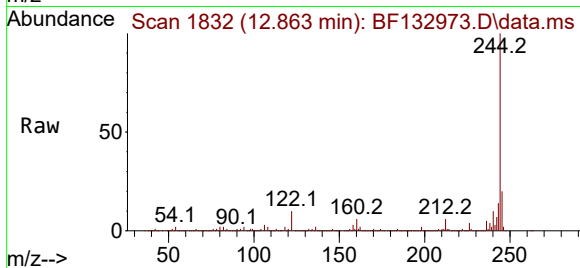
Tgt Ion:244 Resp: 2025369

Ion Ratio Lower Upper

244 100

212 6.1 5.1 7.7

122 10.4 8.6 13.0



#80

Butylbenzylphthalate

Concen: 43.957 ng

RT: 13.333 min Scan# 1912

Delta R.T. -0.006 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

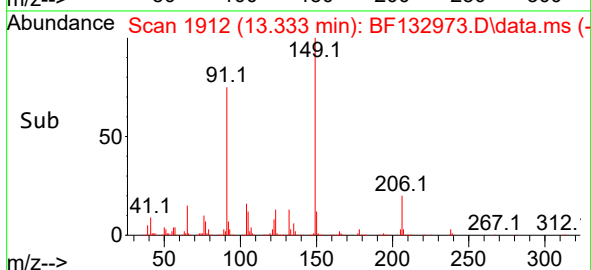
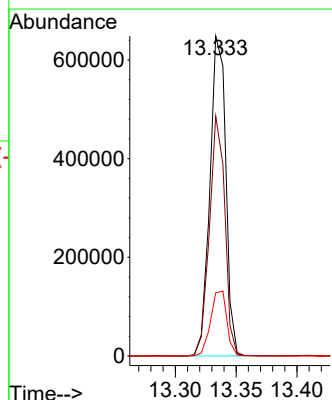
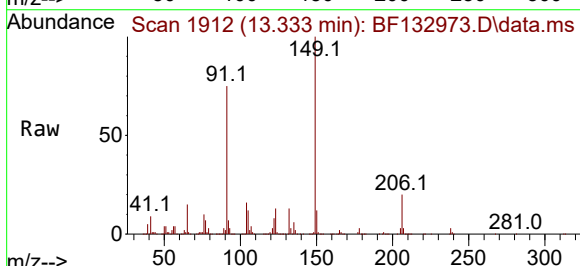
Tgt Ion:149 Resp: 590136

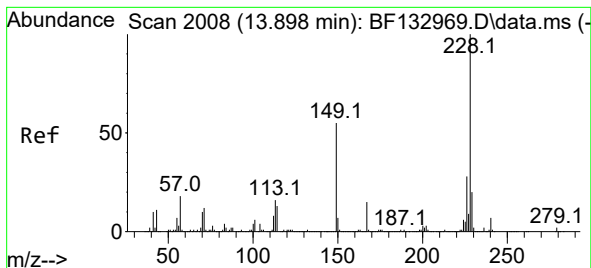
Ion Ratio Lower Upper

149 100

91 75.0 53.8 80.6

206 19.8 17.5 26.3





#81

Benzo(a)anthracene

Concen: 40.848 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF042123

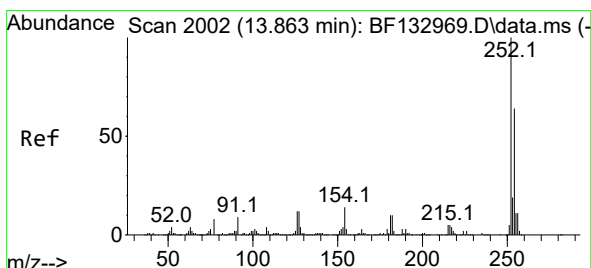
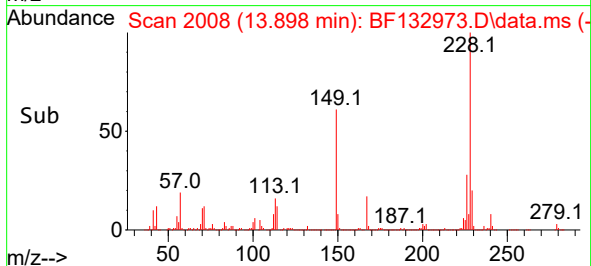
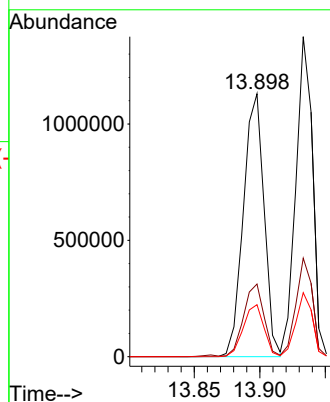
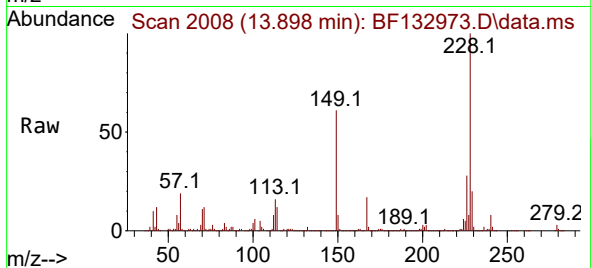
Tgt Ion:228 Resp: 1242447

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.4

229 19.8 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 41.459 ng

RT: 13.863 min Scan# 2002

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

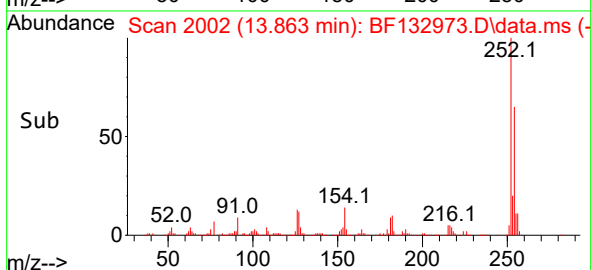
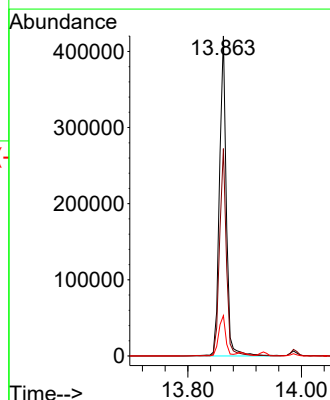
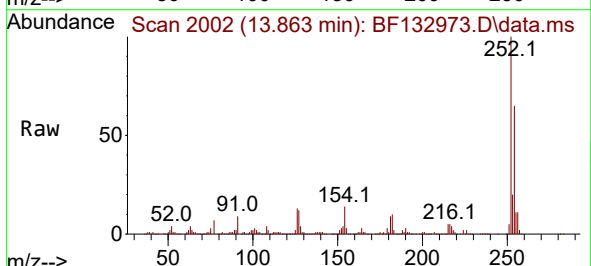
Tgt Ion:252 Resp: 348366

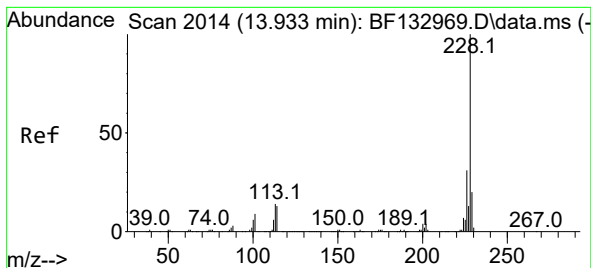
Ion Ratio Lower Upper

252 100

254 64.8 51.5 77.3

126 12.6 9.5 14.3





#83

Chrysene

Concen: 40.150 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF042123

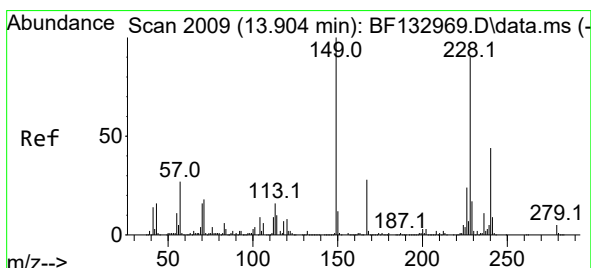
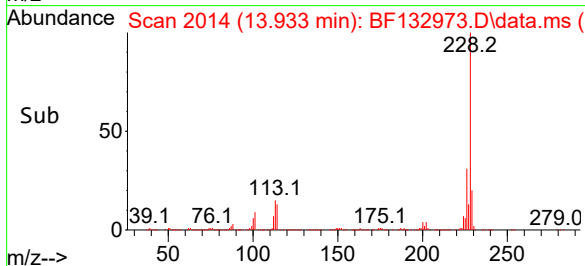
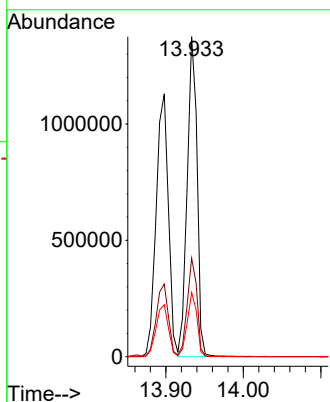
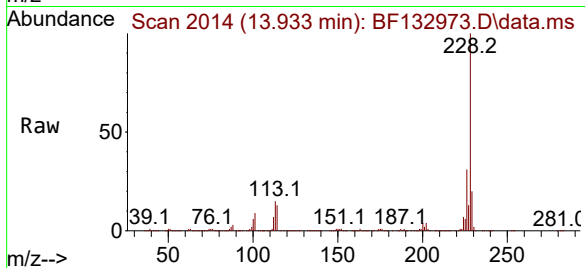
Tgt Ion:228 Resp: 1220930

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

229 20.0 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.495 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

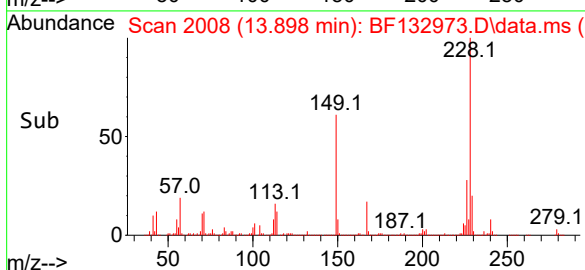
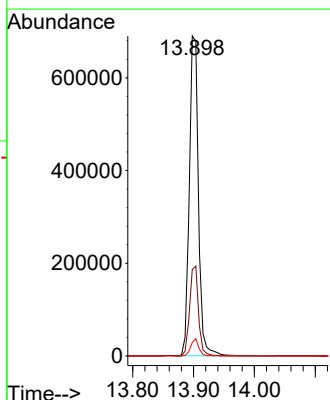
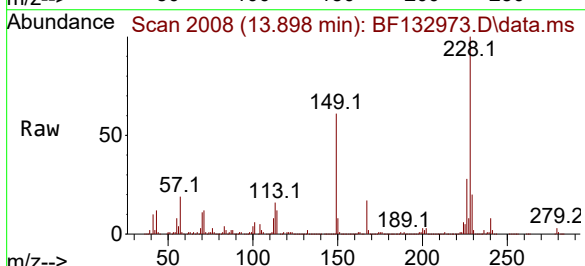
Tgt Ion:149 Resp: 716101

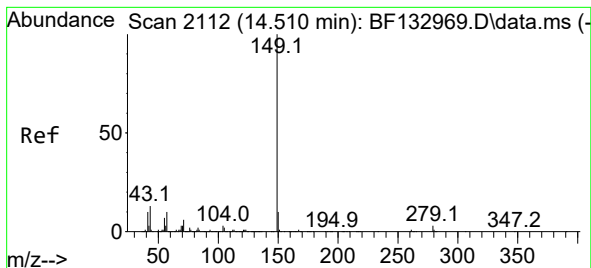
Ion Ratio Lower Upper

149 100

167 27.0 22.5 33.7

279 4.2 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 43.671 ng

RT: 14.510 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF042123

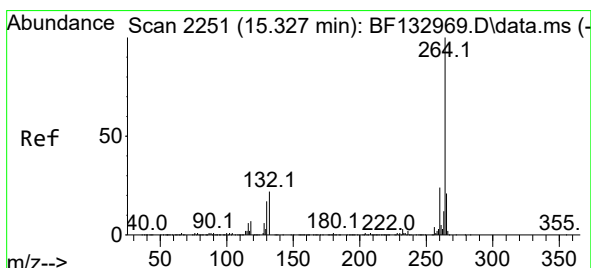
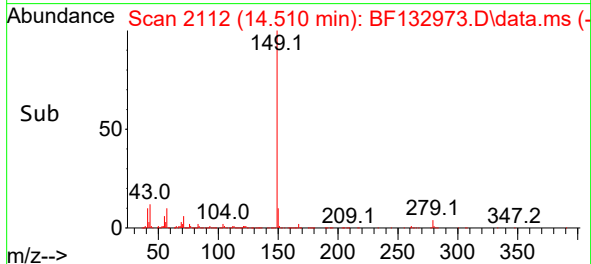
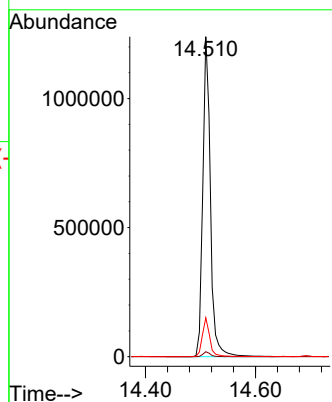
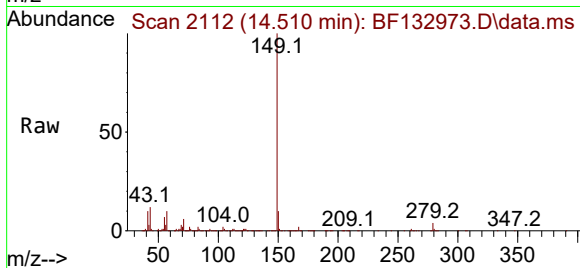
Tgt Ion:149 Resp: 1199942

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.0 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.327 min Scan# 2251

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

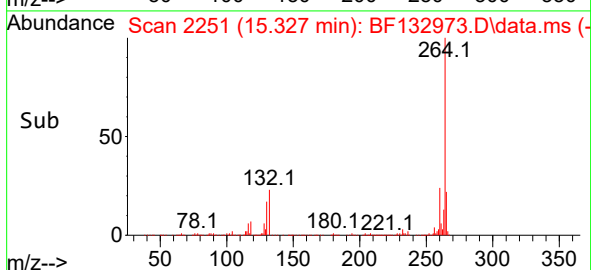
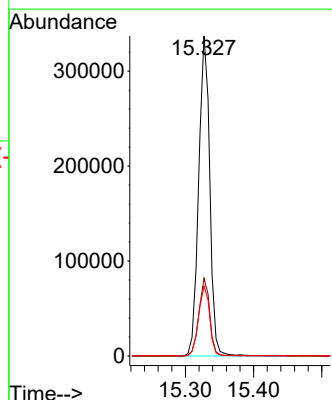
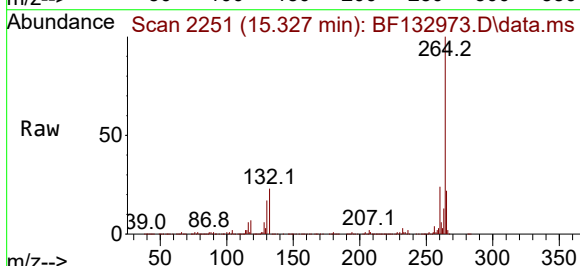
Tgt Ion:264 Resp: 380405

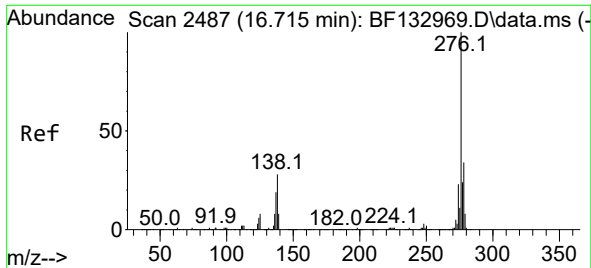
Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 21.8 17.0 25.4

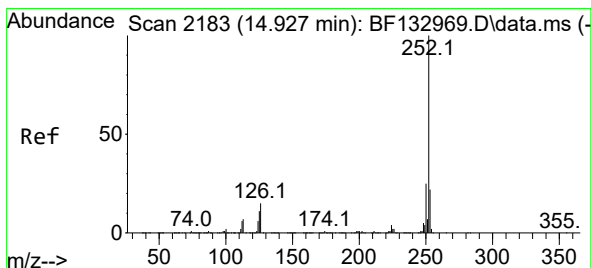
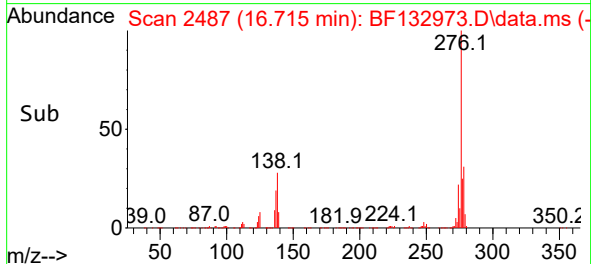
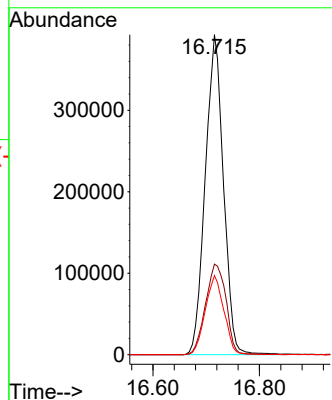
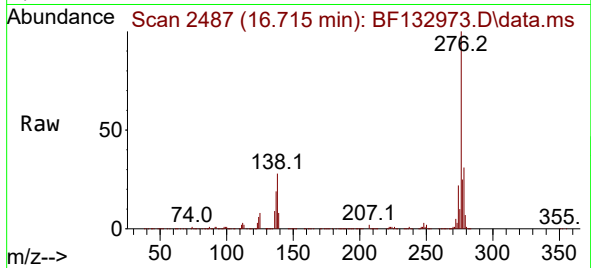




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.042 ng
RT: 16.715 min Scan# 2487
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

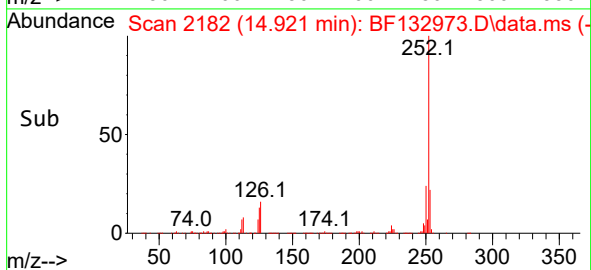
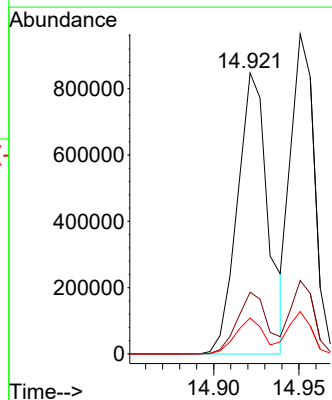
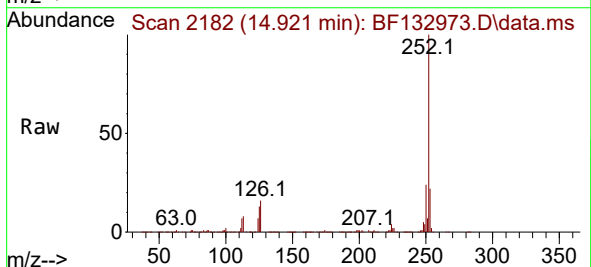
Instrument :
BNA_F
ClientSampleId :
ICVBF042123

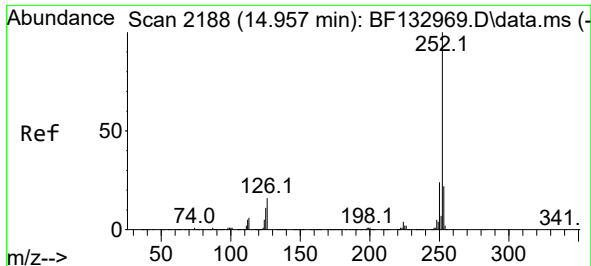
Tgt Ion:276 Resp: 931347
Ion Ratio Lower Upper
276 100
138 31.9 25.5 38.3
277 25.4 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 43.700 ng
RT: 14.921 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

Tgt Ion:252 Resp: 1057587
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 12.8 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 39.039 ng

RT: 14.951 min Scan# 2188

Delta R.T. -0.006 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF042123

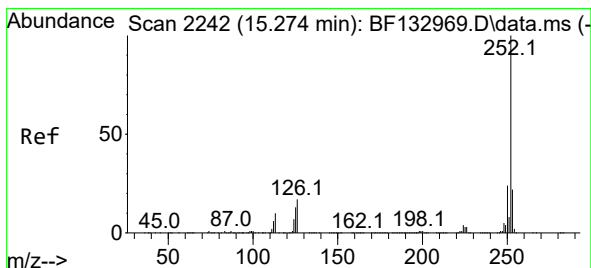
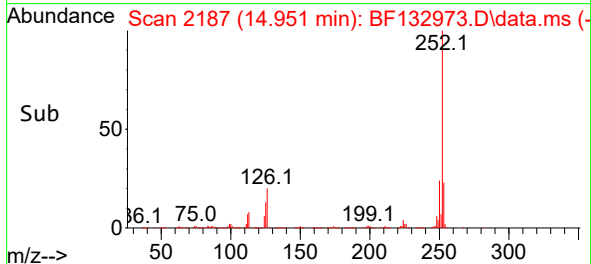
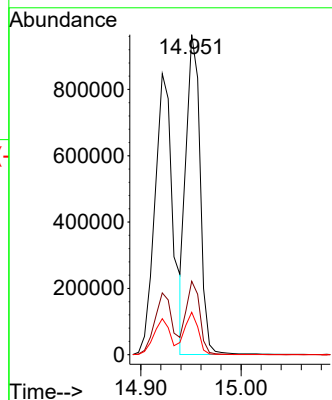
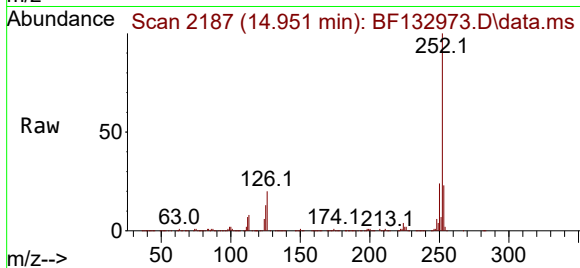
Tgt Ion:252 Resp: 936547

Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

125 13.3 9.0 13.4



#90

Benzo(a)pyrene

Concen: 41.888 ng

RT: 15.274 min Scan# 2242

Delta R.T. 0.000 min

Lab File: BF132973.D

Acq: 21 Apr 2023 17:22

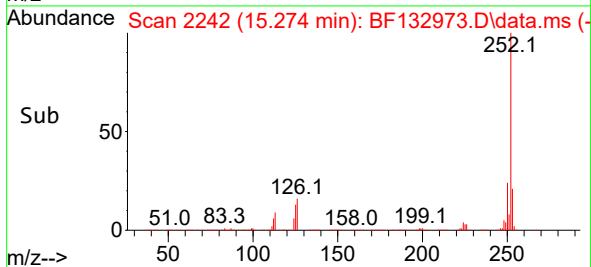
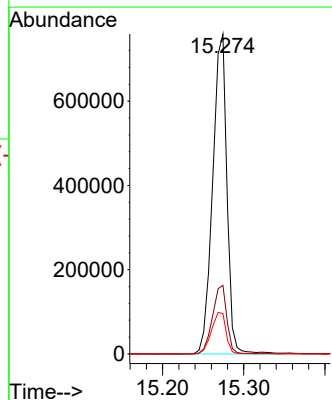
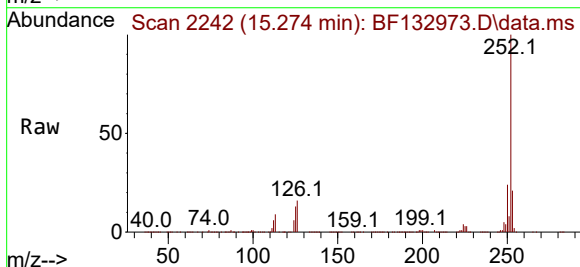
Tgt Ion:252 Resp: 922699

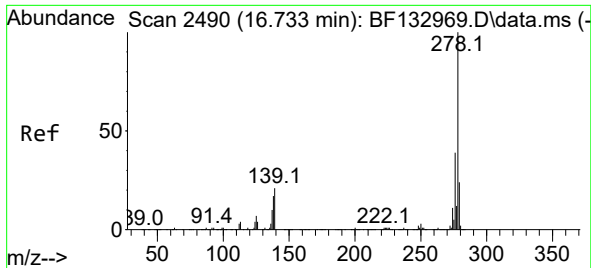
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 12.6 10.5 15.7

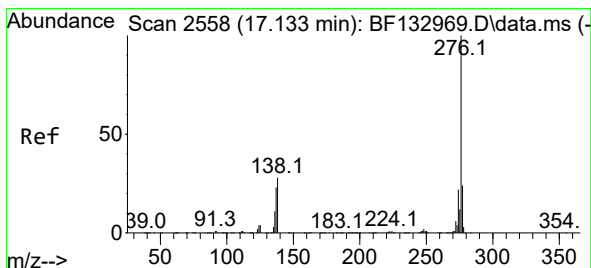
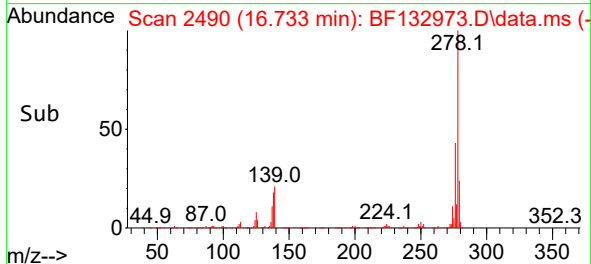
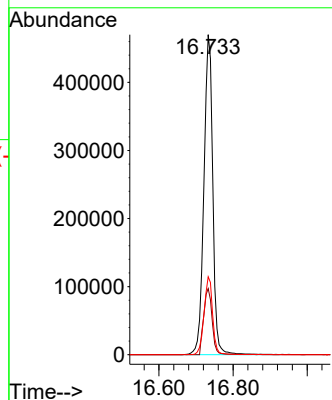
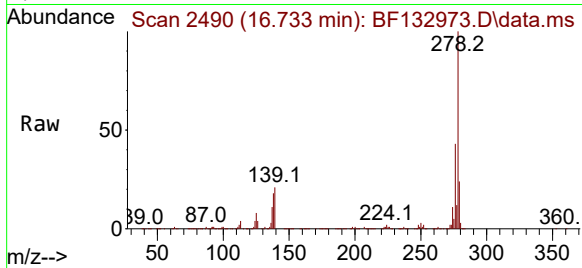




#91
Dibenzo(a,h)anthracene
Concen: 43.314 ng
RT: 16.733 min Scan# 2490
Delta R.T. 0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

Instrument :
BNA_F
ClientSampleId :
ICVBF042123

Tgt Ion:278 Resp: 781697
Ion Ratio Lower Upper
278 100
139 20.6 16.6 24.8
279 24.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 43.005 ng
RT: 17.133 min Scan# 2558
Delta R.T. -0.000 min
Lab File: BF132973.D
Acq: 21 Apr 2023 17:22

Tgt Ion:276 Resp: 766225
Ion Ratio Lower Upper
276 100
277 23.9 19.4 29.0
138 28.4 22.7 34.1

