

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041223\
 Data File : BF132870.D
 Acq On : 12 Apr 2023 20:32
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041223

Quant Time: Apr 13 05:47:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:46:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	257834	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	992363	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	480332	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	856546	20.000	ng	0.00
76) Chrysene-d12	13.922	240	581321	20.000	ng	0.00
86) Perylene-d12	15.345	264	455246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1317194	78.344	ng	0.00
7) Phenol-d6	6.399	99	1697883	79.163	ng	0.00
23) Nitrobenzene-d5	7.340	82	1504665	79.960	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	397285	87.236	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	2403489	76.393	ng	0.00
79) Terphenyl-d14	12.875	244	2641995	79.274	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	328720	39.333	ng	99
3) Pyridine	3.187	79	907954	39.763	ng	99
4) n-Nitrosodimethylamine	3.140	42	427575	39.774	ng	97
6) Aniline	6.434	93	1124026	40.632	ng	99
8) 2-Chlorophenol	6.551	128	669090	39.861	ng	100
9) Benzaldehyde	6.316	77	471580	41.619	ng	97
10) Phenol	6.416	94	960076	39.580	ng	99
11) bis(2-Chloroethyl)ether	6.510	93	688815	38.963	ng	99
12) 1,3-Dichlorobenzene	6.710	146	711874	39.012	ng	100
13) 1,4-Dichlorobenzene	6.787	146	723737	39.440	ng	99
14) 1,2-Dichlorobenzene	6.946	146	660884	38.582	ng	100
15) Benzyl Alcohol	6.916	79	600184	42.800	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.051	45	1165186	39.852	ng	100
17) 2-Methylphenol	7.022	107	609146	40.293	ng	99
18) Hexachloroethane	7.287	117	247988	39.679	ng	99
19) n-Nitroso-di-n-propyla...	7.193	70	500369	40.609	ng	99
20) 3+4-Methylphenols	7.181	107	719763	39.554	ng	99
22) Acetophenone	7.187	105	886272	37.951	ng	99
24) Nitrobenzene	7.357	77	767474	40.029	ng	100
25) Isophorone	7.598	82	1369083	40.108	ng	100
26) 2-Nitrophenol	7.669	139	318980	47.166	ng	97
27) 2,4-Dimethylphenol	7.710	122	579733	40.078	ng	100
28) bis(2-Chloroethoxy)met...	7.810	93	805719	39.460	ng	99
29) 2,4-Dichlorophenol	7.910	162	548463	40.893	ng	98
30) 1,2,4-Trichlorobenzene	7.998	180	574632	39.532	ng	99
31) Naphthalene	8.081	128	1938829	38.710	ng	100
32) Benzoic acid	7.822	122	213703	33.628	ng	98
33) 4-Chloroaniline	8.128	127	818695	40.319	ng	100
34) Hexachlorobutadiene	8.198	225	315474	39.274	ng	98
35) Caprolactam	8.504	113	178978	45.641	ng	99
36) 4-Chloro-3-methylphenol	8.604	107	581139	40.988	ng	99
37) 2-Methylnaphthalene	8.769	142	1301901	38.656	ng	98
38) 1-Methylnaphthalene	8.869	142	1216071	38.668	ng	99
40) 1,2,4,5-Tetrachloroben...	8.934	216	537460	39.643	ng	100
41) Hexachlorocyclopentadiene	8.922	237	291838	44.917	ng	99
43) 2,4,6-Trichlorophenol	9.040	196	351879	42.237	ng	98

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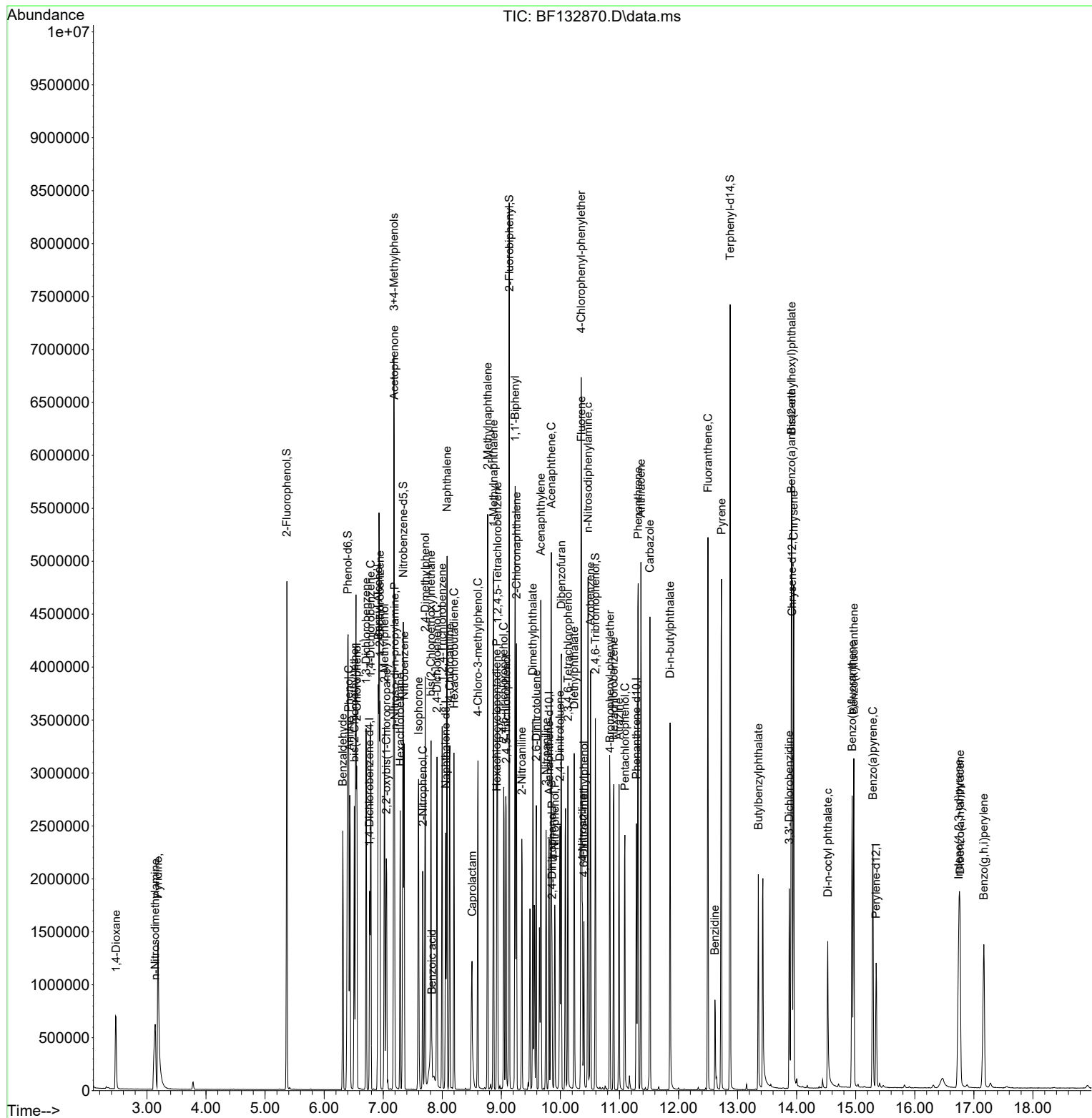
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	414562	42.010	ng	100
46) 1,1'-Biphenyl	9.234	154	1504129	38.789	ng	99
47) 2-Chloronaphthalene	9.257	162	1109185	39.283	ng	100
48) 2-Nitroaniline	9.345	65	373177	43.352	ng	100
49) Acenaphthylene	9.669	152	1820951	39.663	ng	99
50) Dimethylphthalate	9.534	163	1302594	40.905	ng	100
51) 2,6-Dinitrotoluene	9.592	165	299774	42.900	ng	96
52) Acenaphthene	9.845	154	1179301	39.986	ng	99
53) 3-Nitroaniline	9.757	138	368133	44.641	ng	98
54) 2,4-Dinitrophenol	9.857	184	127918	42.448	ng	97
55) Dibenzofuran	10.016	168	1649241	39.508	ng	99
56) 4-Nitrophenol	9.904	139	285102	44.139	ng	98
57) 2,4-Dinitrotoluene	9.992	165	387935	44.773	ng	98
58) Fluorene	10.357	166	1198332	38.470	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	318445	41.970	ng	99
60) Diethylphthalate	10.234	149	1200915	41.866	ng	100
61) 4-Chlorophenyl-phenyle...	10.351	204	578640	38.973	ng	99
62) 4-Nitroaniline	10.375	138	352783	43.719	ng	100
63) Azobenzene	10.510	77	1348894	39.332	ng	99
65) 4,6-Dinitro-2-methylph...	10.398	198	175440	43.002	ng	96
66) n-Nitrosodiphenylamine	10.469	169	1099380	40.324	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	374923	40.903	ng	98
68) Hexachlorobenzene	10.904	284	383675	40.073	ng	99
69) Atrazine	10.992	200	304303	42.766	ng	99
70) Pentachlorophenol	11.092	266	274080	43.733	ng	98
71) Phenanthrene	11.316	178	1832534	38.732	ng	100
72) Anthracene	11.363	178	1887450	39.045	ng	100
73) Carbazole	11.516	167	1678704	39.413	ng	99
74) Di-n-butylphthalate	11.857	149	1650745	46.274	ng	100
75) Fluoranthene	12.498	202	1856009	39.157	ng	99
77) Benzidine	12.616	184	318740	43.067	ng	99
78) Pyrene	12.728	202	1924426	39.658	ng	98
80) Butylbenzylphthalate	13.351	149	349445	48.394	ng	98
81) Benzo(a)anthracene	13.910	228	1584883	39.595	ng	99
82) 3,3'-Dichlorobenzidine	13.874	252	366716	42.075	ng	# 98
83) Chrysene	13.951	228	1530002	39.200	ng	98
84) Bis(2-ethylhexyl)phtha...	13.916	149	486929	47.358	ng	99
85) Di-n-octyl phthalate	14.527	149	722864	47.290	ng	95
87) Indeno(1,2,3-cd)pyrene	16.745	276	1182821	40.260	ng	99
88) Benzo(b)fluoranthene	14.939	252	1180866	40.942	ng	99
89) Benzo(k)fluoranthene	14.969	252	1219622	41.236	ng	98
90) Benzo(a)pyrene	15.292	252	1085789	41.241	ng	98
91) Dibenzo(a,h)anthracene	16.768	278	977917	40.550	ng	98
92) Benzo(g,h,i)perylene	17.168	276	983831	39.537	ng	100

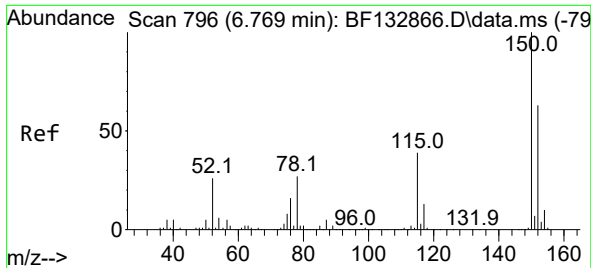
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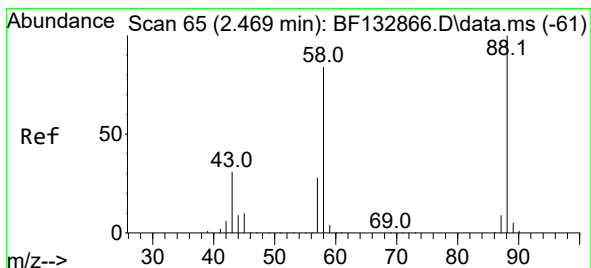
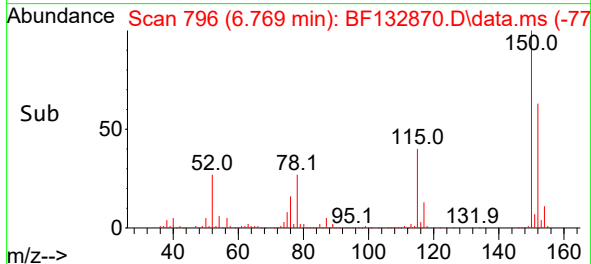
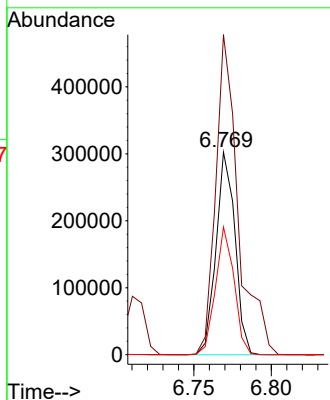
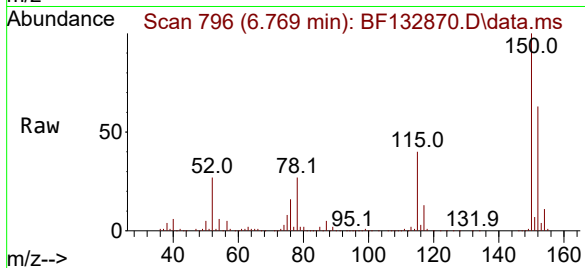




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF132870.D
 Acq: 12 Apr 2023 20:32

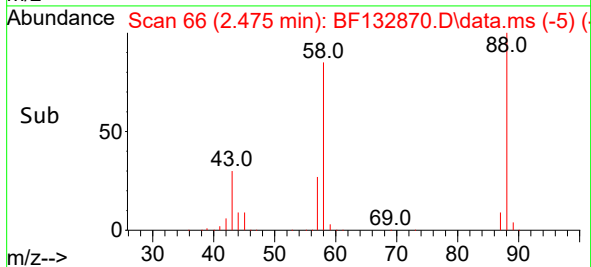
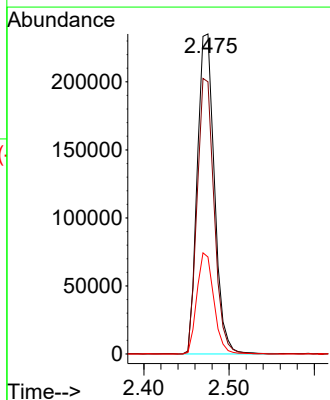
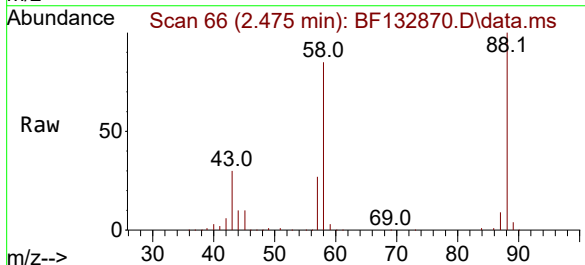
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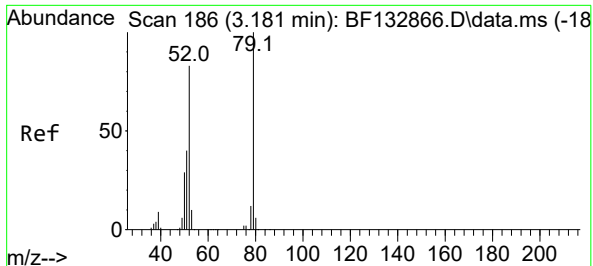
Tgt Ion:152 Resp: 257834
 Ion Ratio Lower Upper
 152 100
 150 158.0 127.5 191.3
 115 63.0 50.3 75.5



#2
 1,4-Dioxane
 Concen: 39.333 ng
 RT: 2.475 min Scan# 66
 Delta R.T. 0.006 min
 Lab File: BF132870.D
 Acq: 12 Apr 2023 20:32

Tgt Ion: 88 Resp: 328720
 Ion Ratio Lower Upper
 88 100
 58 85.1 68.6 102.8
 43 31.3 25.6 38.4





#3

Pyridine

Concen: 39.763 ng

RT: 3.187 min Scan# 186

Delta R.T. 0.006 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

Instrument :

BNA_F

ClientSampleId :

ICVBF041223

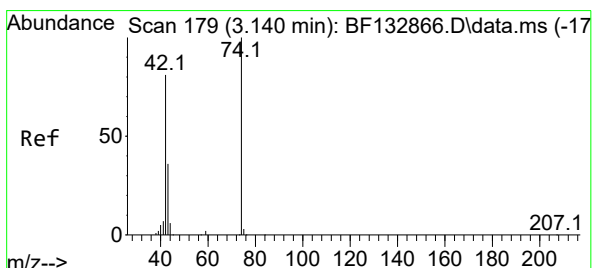
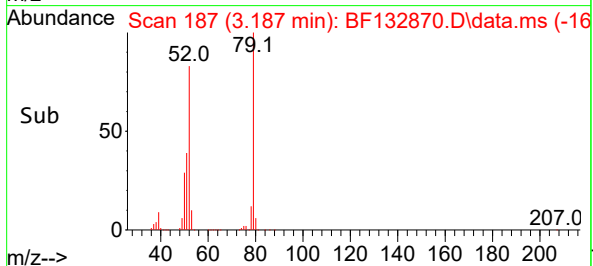
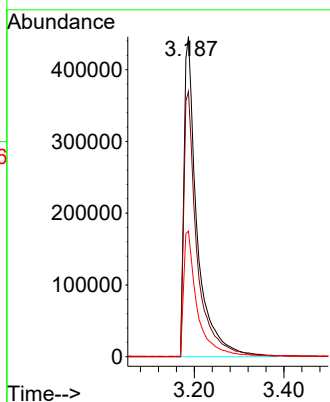
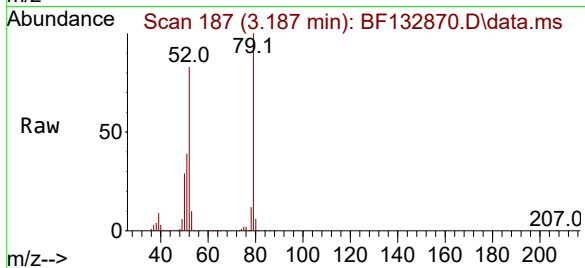
Tgt Ion: 79 Resp: 907954

Ion Ratio Lower Upper

79 100

52 82.9 66.6 100.0

51 39.2 31.9 47.9



#4

n-Nitrosodimethylamine

Concen: 39.774 ng

RT: 3.140 min Scan# 179

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

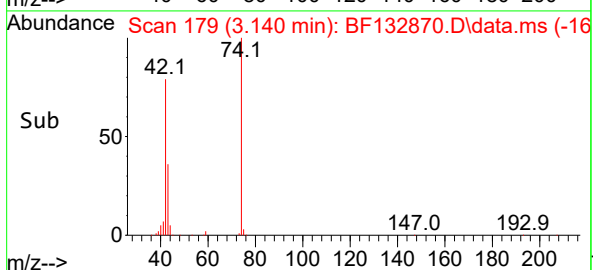
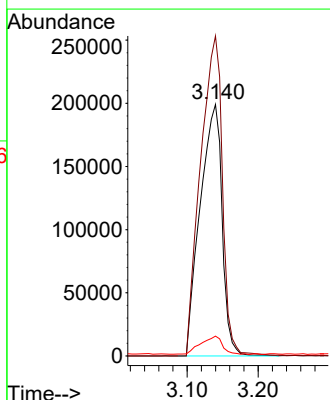
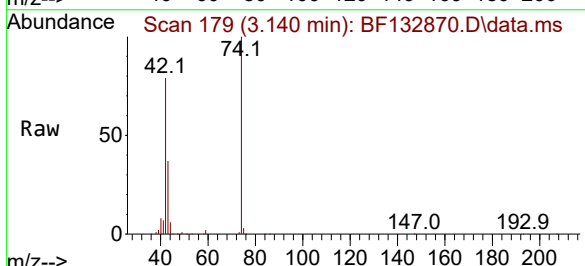
Tgt Ion: 42 Resp: 427575

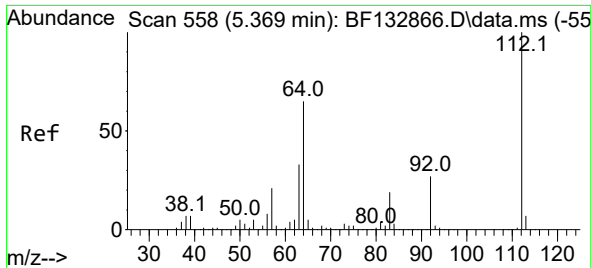
Ion Ratio Lower Upper

42 100

74 127.2 99.2 148.8

44 7.9 6.5 9.7

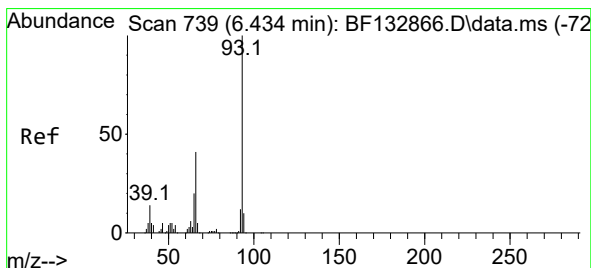
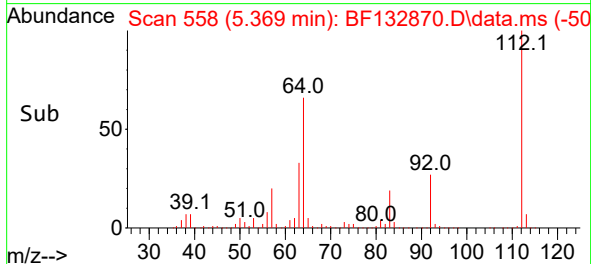
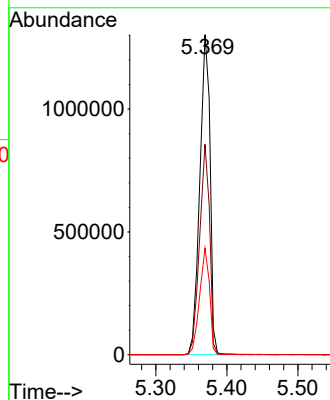
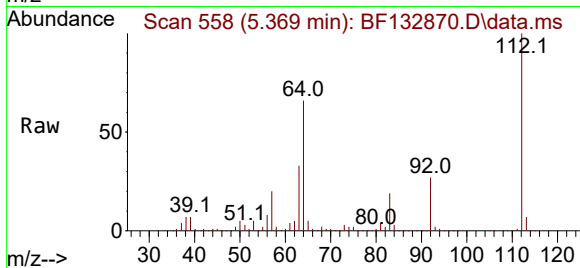




#5
2-Fluorophenol
Concen: 78.344 ng
RT: 5.369 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

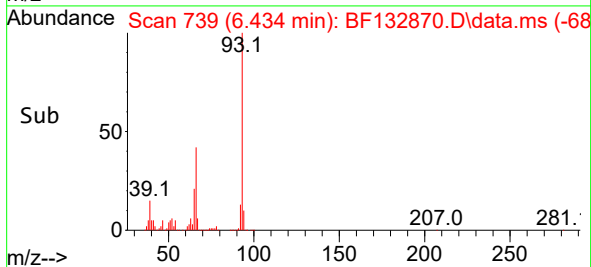
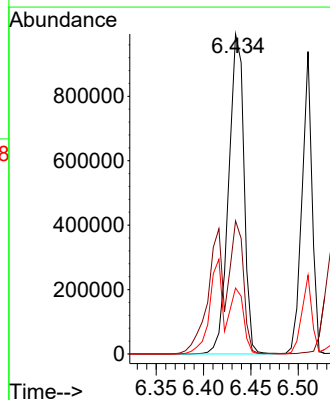
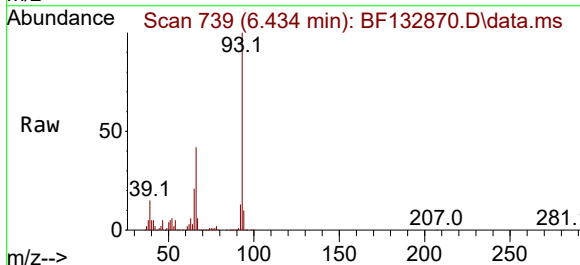
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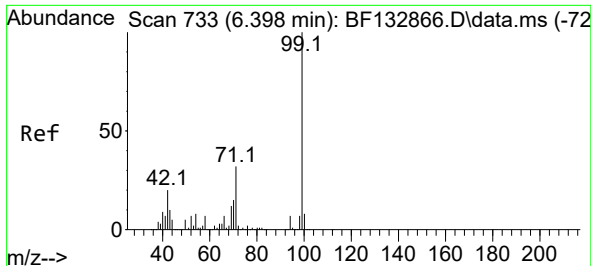
Tgt Ion:112 Resp: 1317194
Ion Ratio Lower Upper
112 100
64 65.7 52.3 78.5
63 33.3 26.6 40.0



#6
Aniline
Concen: 40.632 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion: 93 Resp: 1124026
Ion Ratio Lower Upper
93 100
66 41.6 32.8 49.2
65 20.6 16.4 24.6

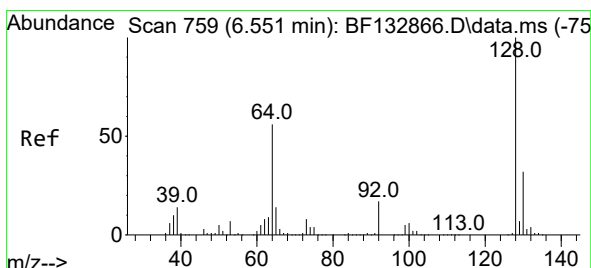
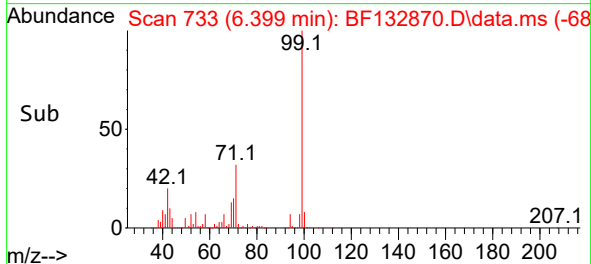
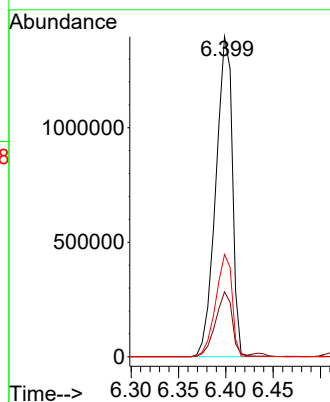
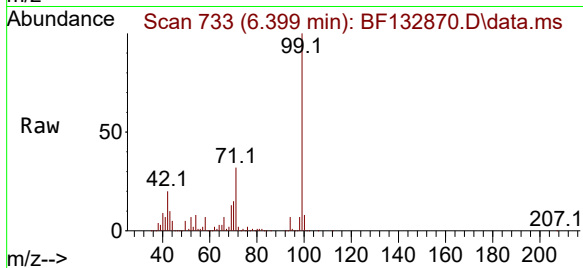




#7
Phenol-d6
Concen: 79.163 ng
RT: 6.399 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

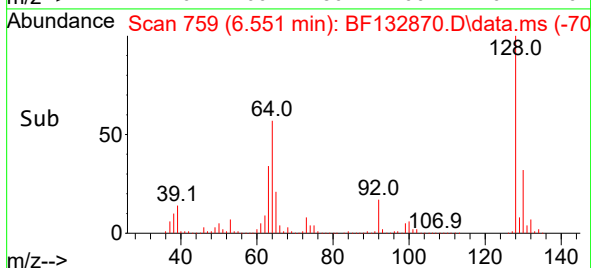
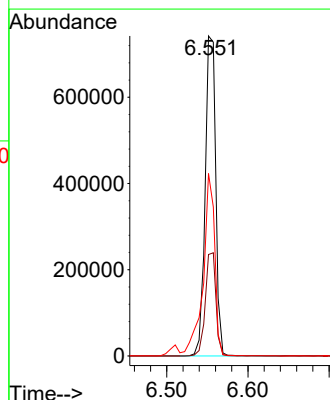
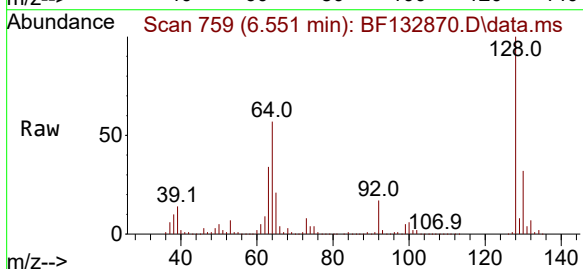
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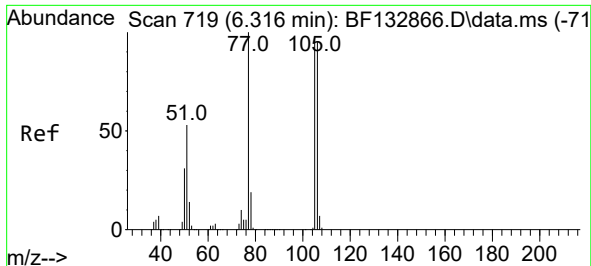
Tgt Ion: 99 Resp: 1697883
Ion Ratio Lower Upper
99 100
42 20.3 15.9 23.9
71 31.9 25.5 38.3



#8
2-Chlorophenol
Concen: 39.861 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion:128 Resp: 669090
Ion Ratio Lower Upper
128 100
130 31.7 11.8 51.8
64 57.0 36.5 76.5

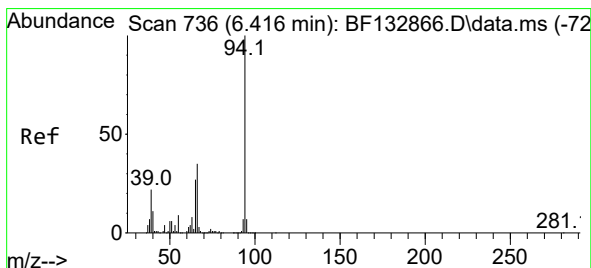
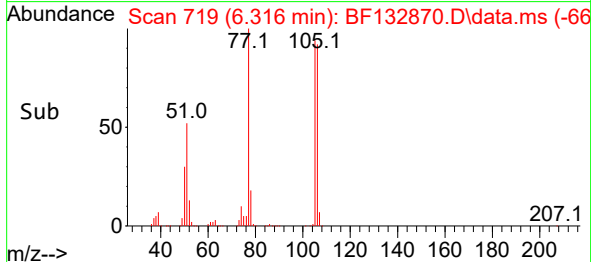
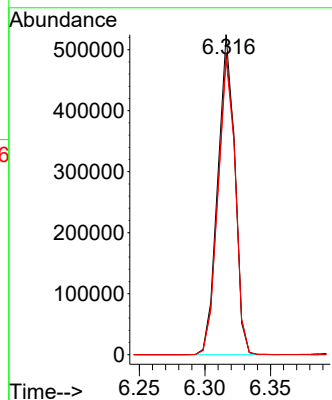
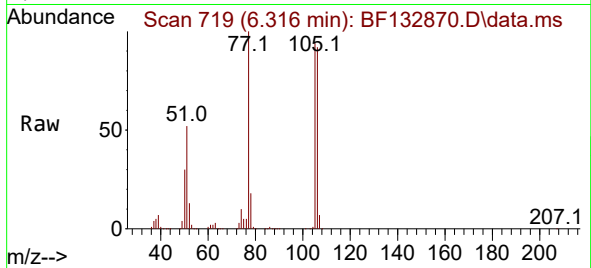




#9
Benzaldehyde
Concen: 41.619 ng
RT: 6.316 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF132870.D
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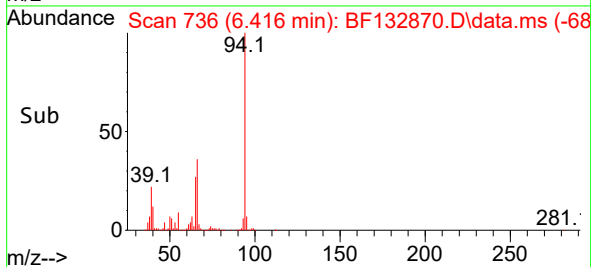
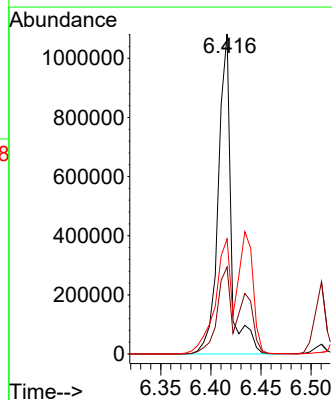
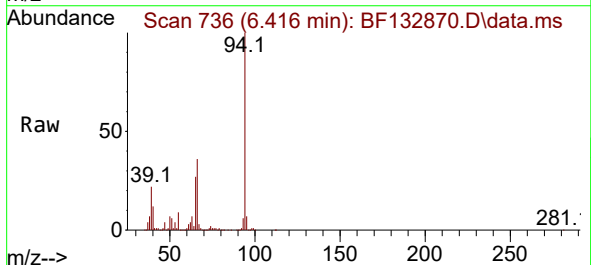
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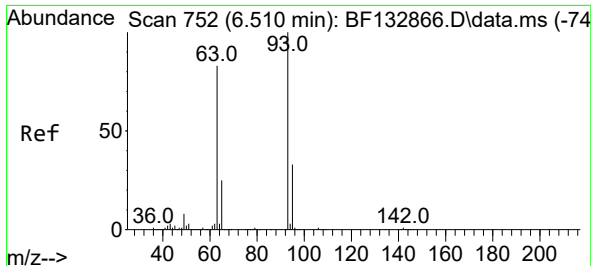
Tgt Ion: 77 Resp: 471580
Ion Ratio Lower Upper
77 100
105 94.4 77.0 117.0
106 92.3 75.4 115.4



#10
Phenol
Concen: 39.580 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion: 94 Resp: 960076
Ion Ratio Lower Upper
94 100
65 27.2 7.3 47.3
66 35.9 15.5 55.5

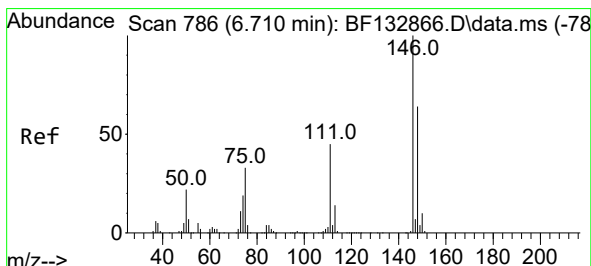
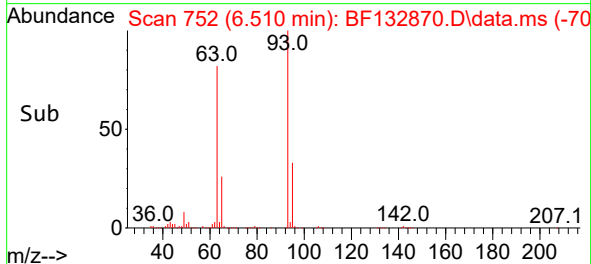
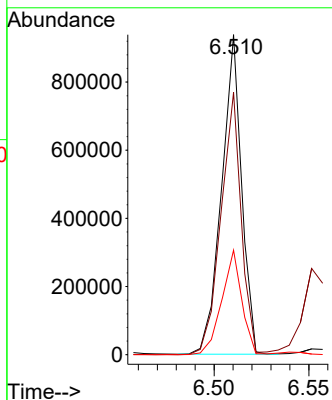
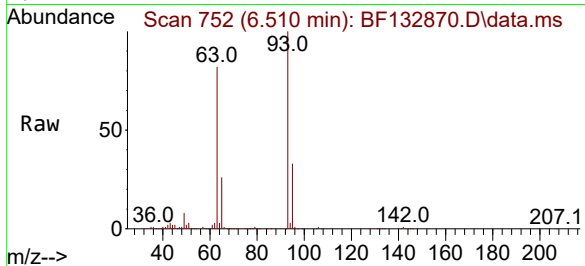




#11
bis(2-Chloroethyl)ether
Concen: 38.963 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

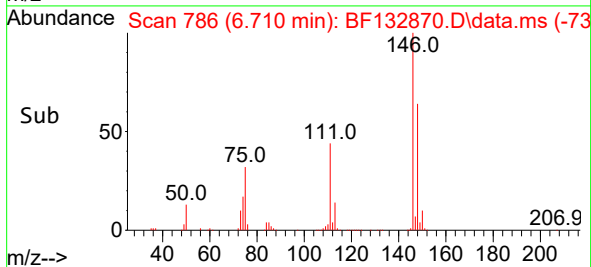
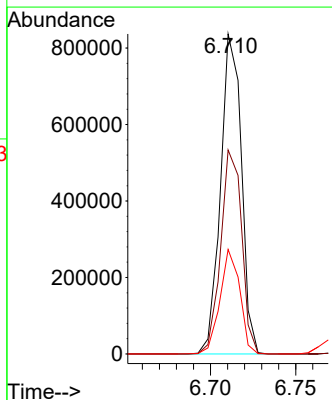
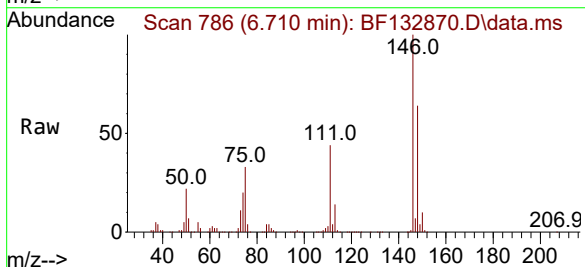
Instrument :
BNA_F
ClientSampleId :
ICVBF041223

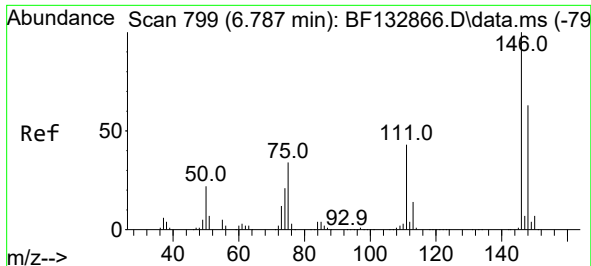
Tgt Ion: 93 Resp: 688815
Ion Ratio Lower Upper
93 100
63 82.0 63.3 103.3
95 32.7 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 39.012 ng
RT: 6.710 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion:146 Resp: 711874
Ion Ratio Lower Upper
146 100
148 63.8 51.1 76.7
75 32.7 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 39.440 ng

RT: 6.787 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

Instrument :

BNA_F

ClientSampleId :

ICVBF041223

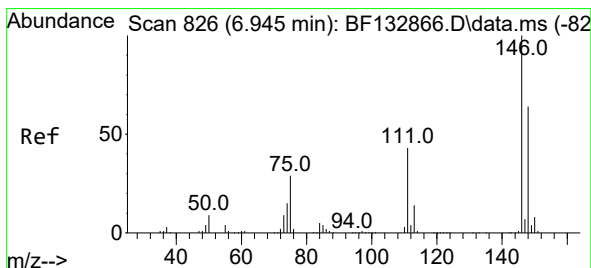
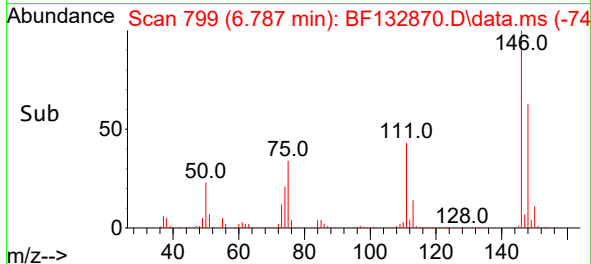
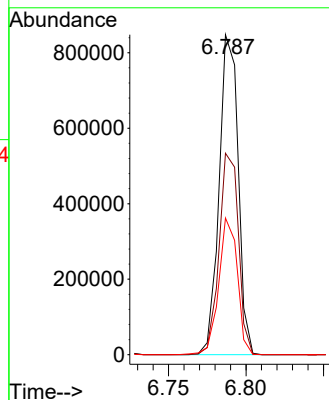
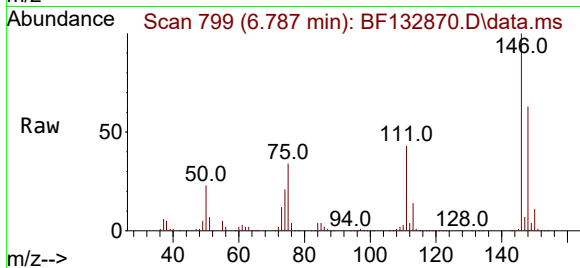
Tgt Ion:146 Resp: 723737

Ion Ratio Lower Upper

146 100

148 62.9 50.4 75.6

111 42.7 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 38.582 ng

RT: 6.946 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

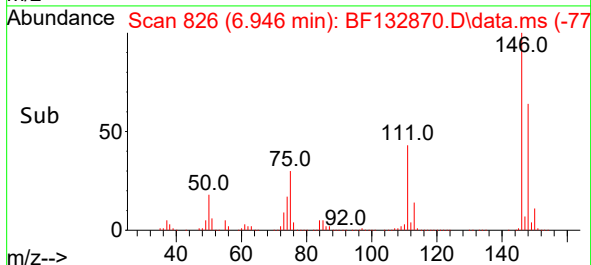
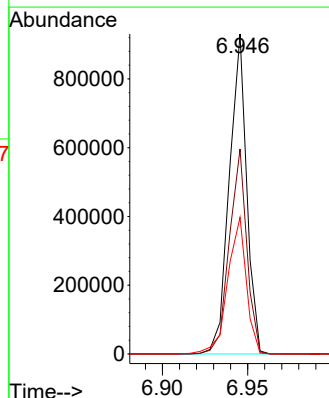
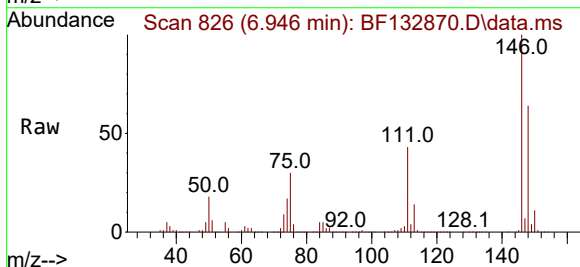
Tgt Ion:146 Resp: 660884

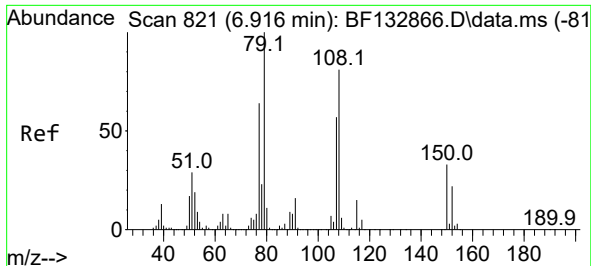
Ion Ratio Lower Upper

146 100

148 64.1 50.9 76.3

111 42.7 34.2 51.2

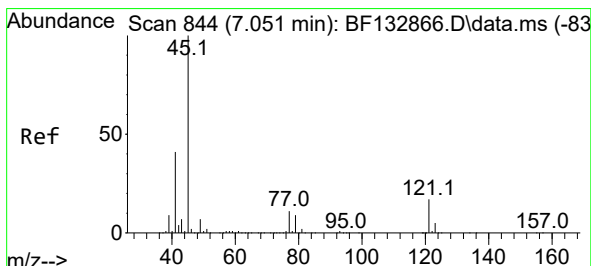
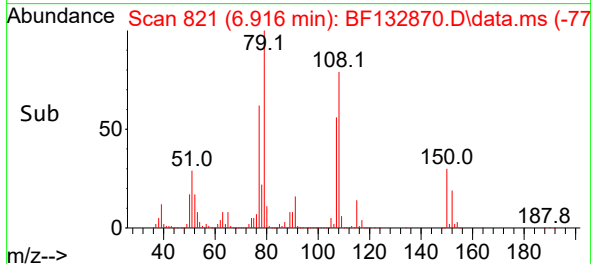
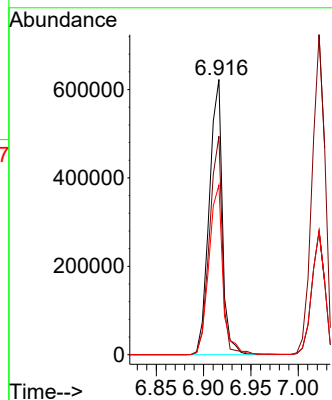
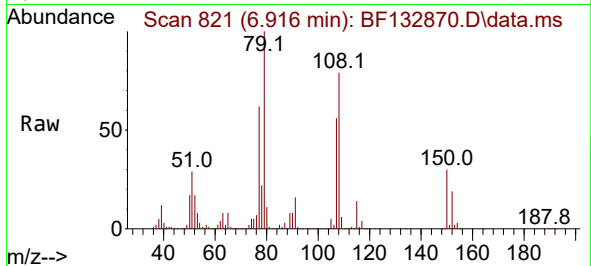




#15
Benzyl Alcohol
Concen: 42.800 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

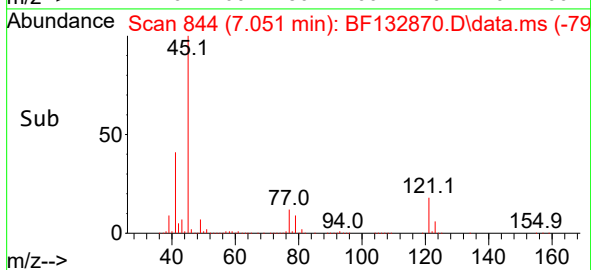
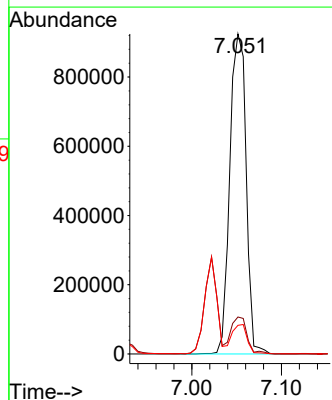
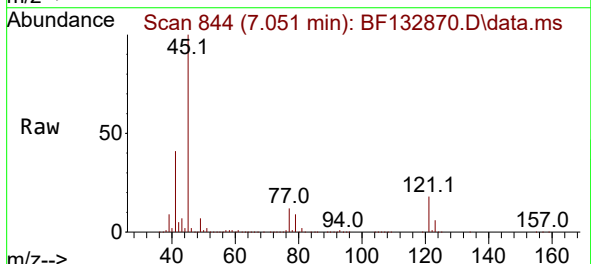
Instrument :
BNA_F
ClientSampleId :
ICVBF041223

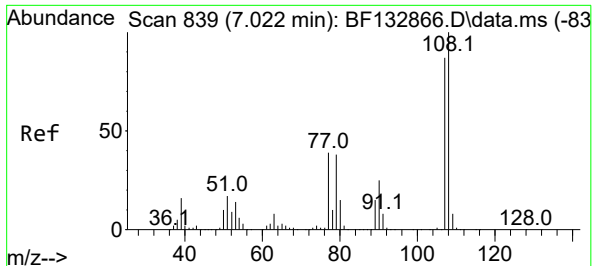
Tgt Ion: 79 Resp: 600184
Ion Ratio Lower Upper
79 100
108 79.3 64.8 97.2
77 61.6 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.852 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion: 45 Resp: 1165186
Ion Ratio Lower Upper
45 100
77 11.6 0.0 31.5
79 9.0 0.0 29.0





#17

2-Methylphenol

Concen: 40.293 ng

RT: 7.022 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

Instrument :

BNA_F

ClientSampleId :

ICVBF041223

Tgt Ion:107 Resp: 609146

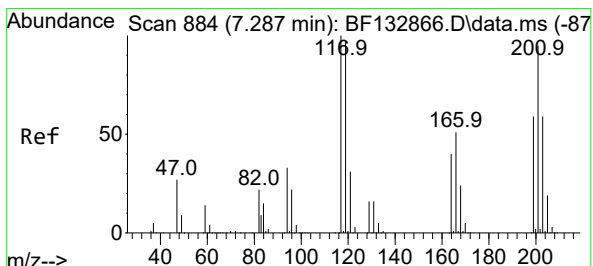
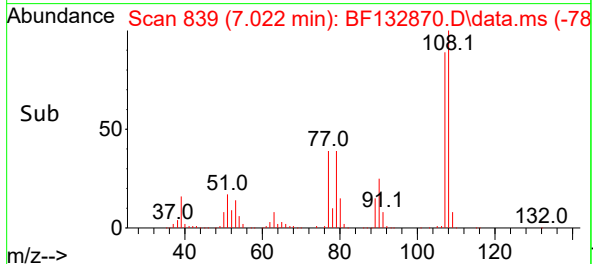
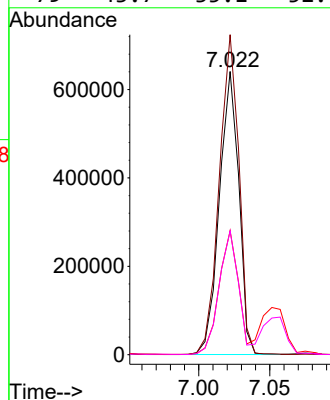
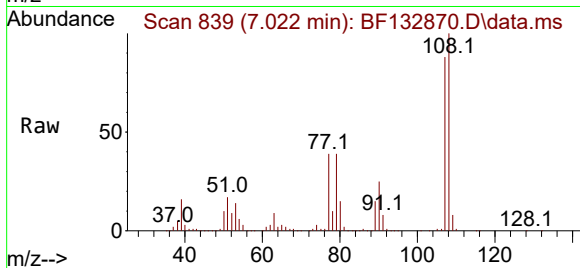
Ion Ratio Lower Upper

107 100

108 113.0 91.6 137.4

77 43.8 35.4 53.0

79 43.7 35.1 52.7



#18

Hexachloroethane

Concen: 39.679 ng

RT: 7.287 min Scan# 884

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

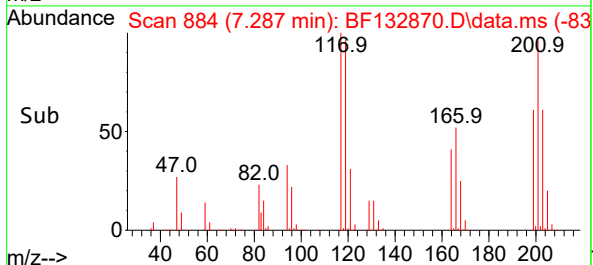
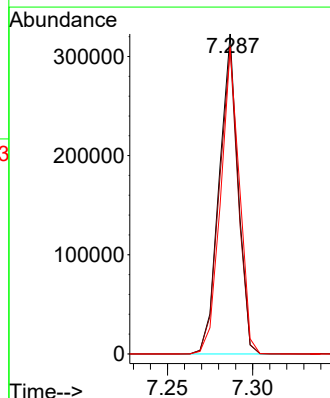
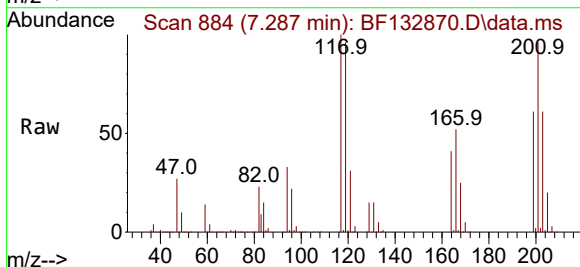
Tgt Ion:117 Resp: 247988

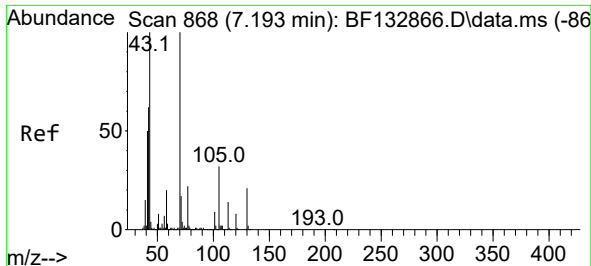
Ion Ratio Lower Upper

117 100

119 96.3 77.8 116.6

201 95.5 75.8 113.6



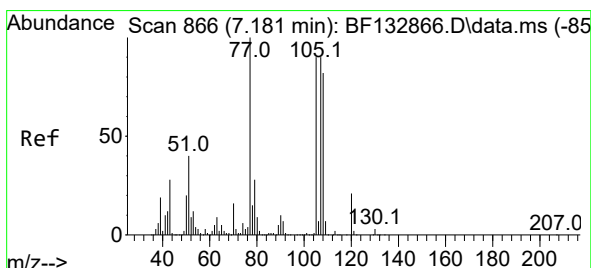
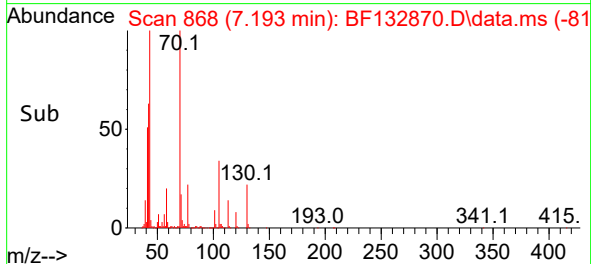
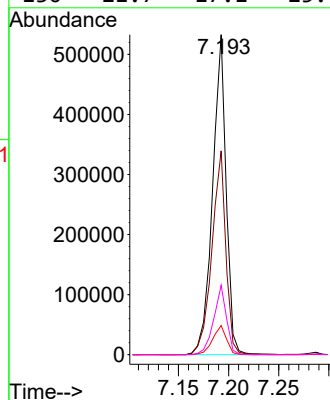
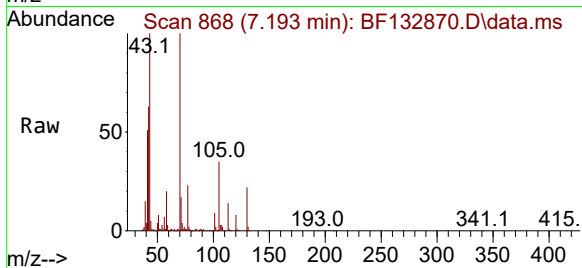


#19
n-Nitroso-di-n-propylamine
Concen: 40.609 ng
RT: 7.193 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Instrument :
BNA_F
ClientSampleId :
ICVBF041223

Tgt Ion: 70 Resp: 500369

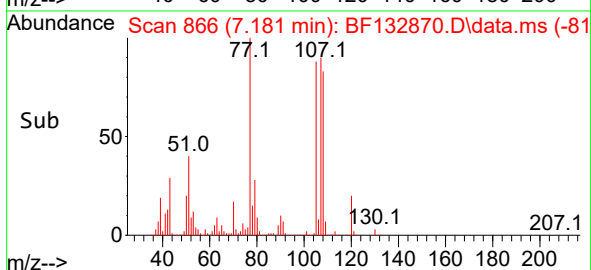
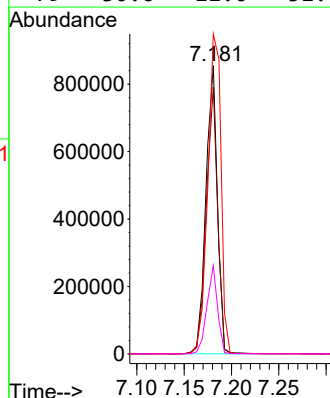
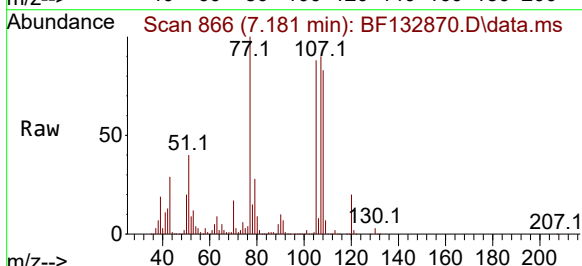
Ion	Ratio	Lower	Upper
70	100		
42	63.7	50.0	75.0
101	9.1	7.6	11.4
130	21.7	17.1	25.7

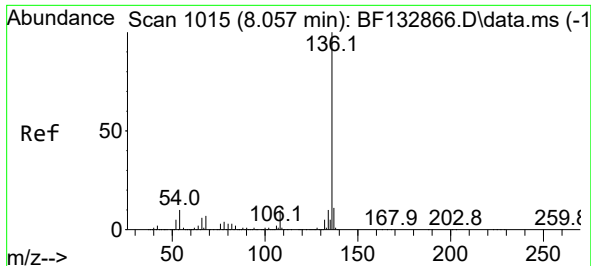


#20
3+4-Methylphenols
Concen: 39.554 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion: 107 Resp: 719763

Ion	Ratio	Lower	Upper
107	100		
108	92.6	71.9	111.9
77	111.0	91.7	131.7
79	30.6	11.0	51.0



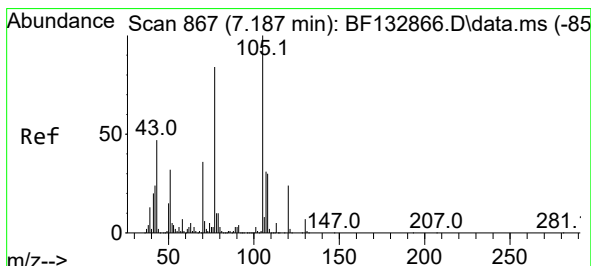
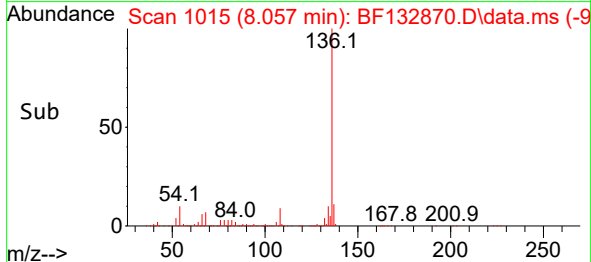
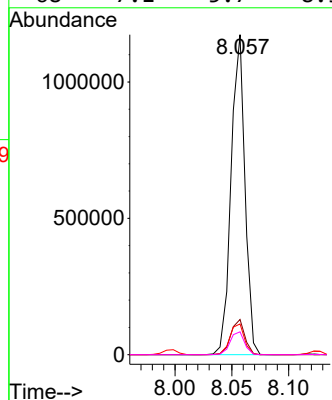
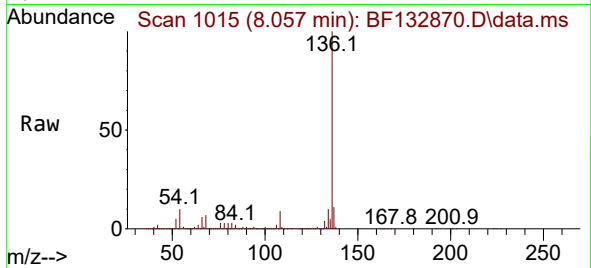


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Instrument :
BNA_F
ClientSampleId :
ICVBF041223

Tgt Ion:136 Resp: 992363

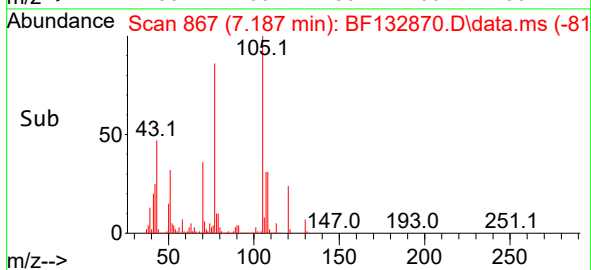
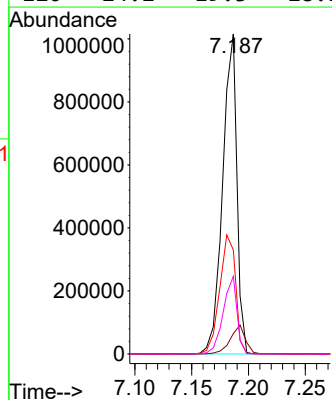
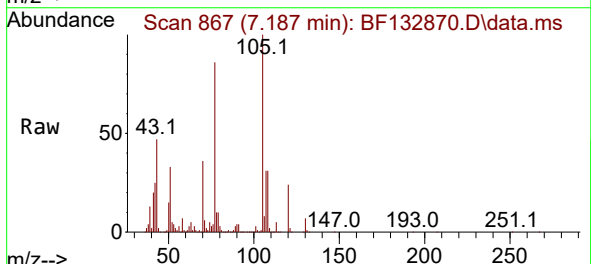
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.6	8.1	12.1
68	7.1	5.7	8.5

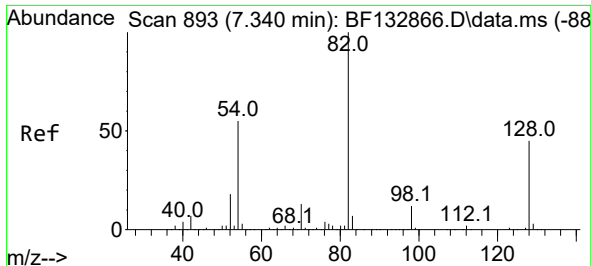


#22
Acetophenone
Concen: 37.951 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion:105 Resp: 886272

Ion	Ratio	Lower	Upper
105	100		
71	6.3	5.0	7.4
51	32.5	25.4	38.2
120	24.2	19.3	28.9

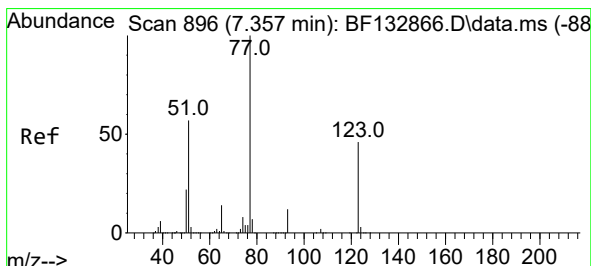
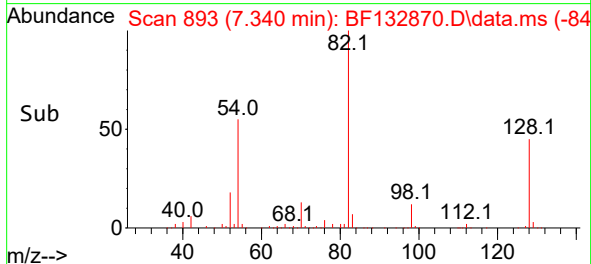
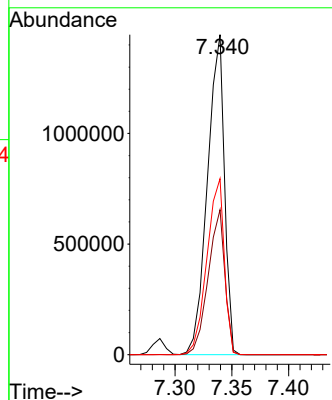
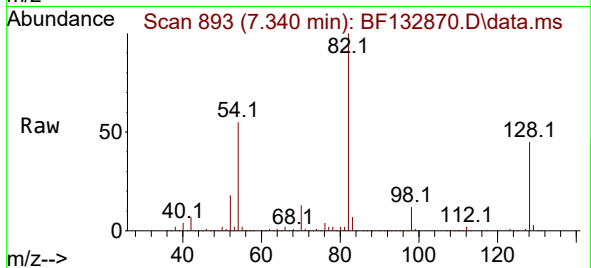




#23
Nitrobenzene-d5
Concen: 79.960 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

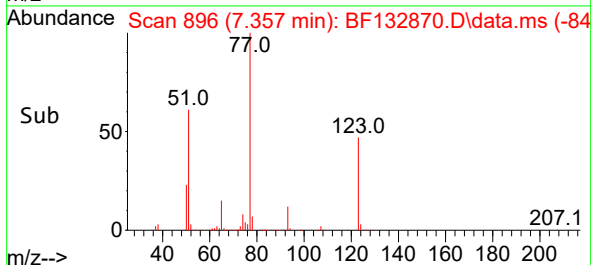
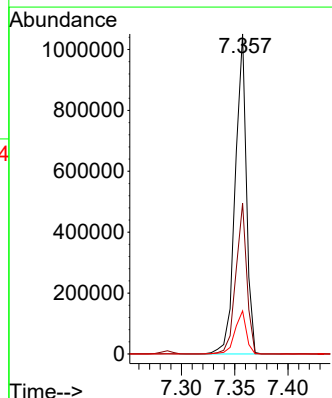
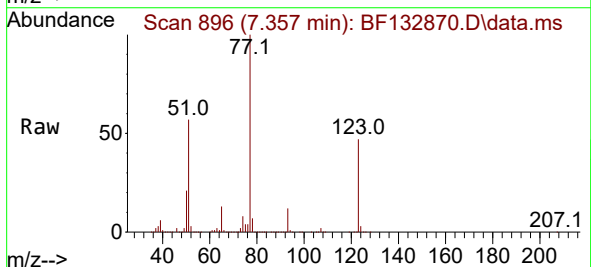
Instrument :
BNA_F
ClientSampleId :
ICVBF041223

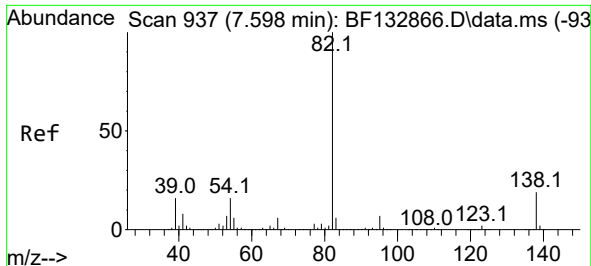
Tgt Ion: 82 Resp: 1504665
Ion Ratio Lower Upper
82 100
128 45.3 36.2 54.4
54 55.0 44.2 66.4



#24
Nitrobenzene
Concen: 40.029 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion: 77 Resp: 767474
Ion Ratio Lower Upper
77 100
123 47.1 37.6 56.4
65 13.5 10.9 16.3

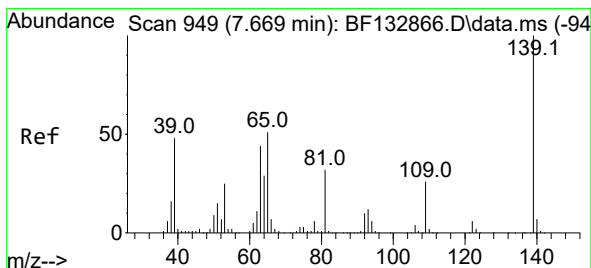
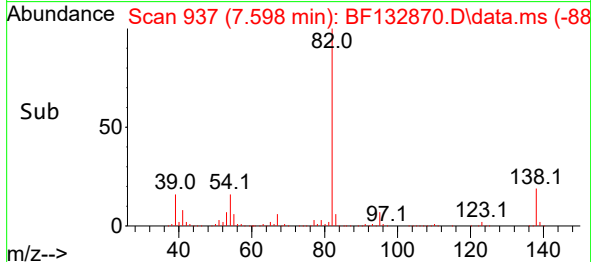
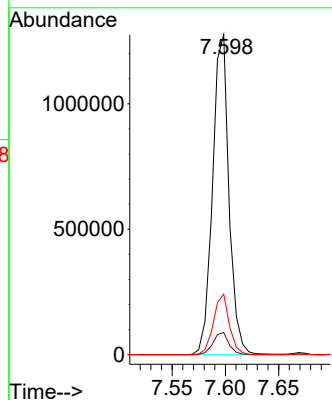
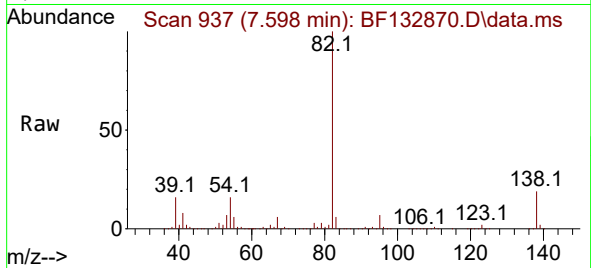




#25
Isophorone
Concen: 40.108 ng
RT: 7.598 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

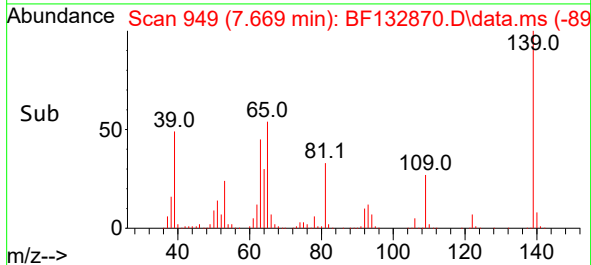
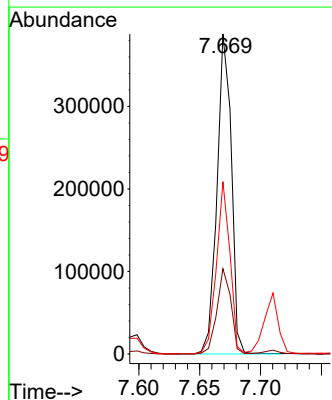
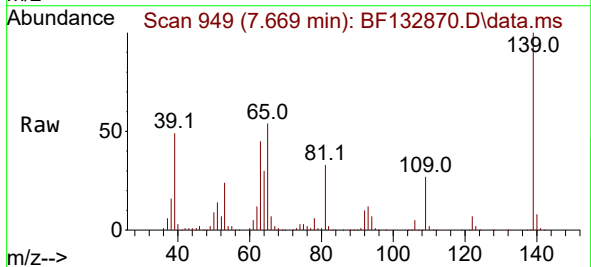
Instrument :
BNA_F
ClientSampleId :
ICVBF041223

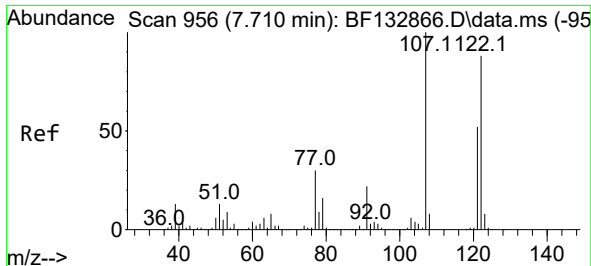
Tgt Ion: 82 Resp: 1369083
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 19.0 15.2 22.8



#26
2-Nitrophenol
Concen: 47.166 ng
RT: 7.669 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion:139 Resp: 318980
Ion Ratio Lower Upper
139 100
109 26.6 21.0 31.6
65 53.8 41.0 61.4

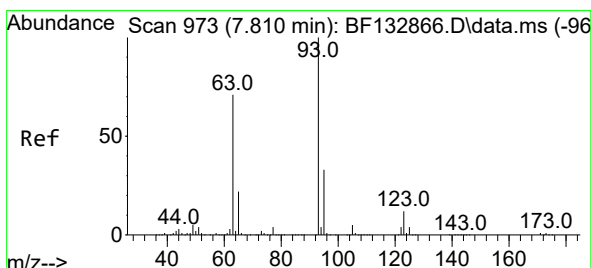
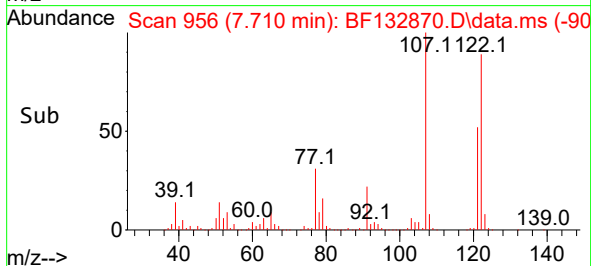
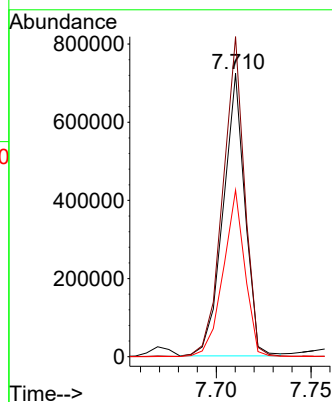
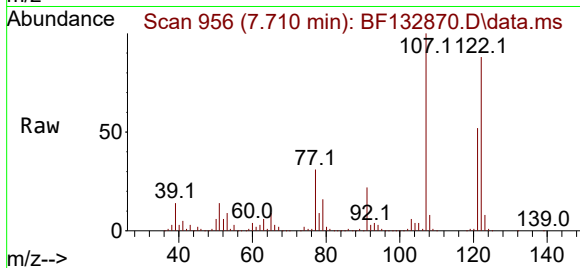




#27
2,4-Dimethylphenol
Concen: 40.078 ng
RT: 7.710 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

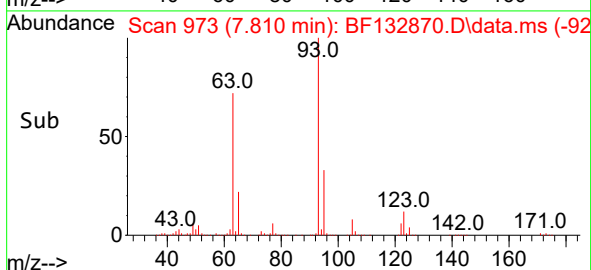
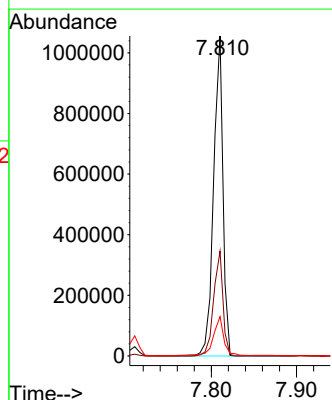
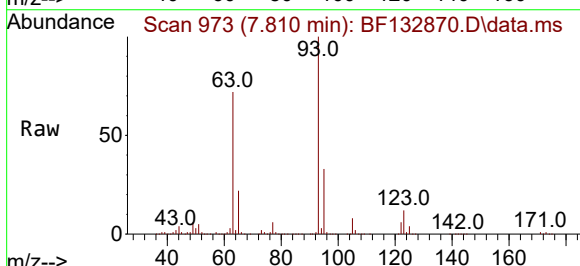
Instrument :
BNA_F
ClientSampleId :
ICVBF041223

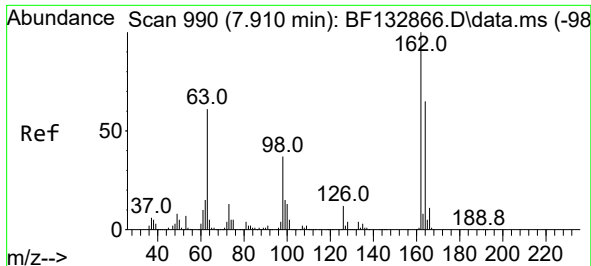
Tgt Ion:122 Resp: 579733
Ion Ratio Lower Upper
122 100
107 113.0 90.5 135.7
121 58.8 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 39.460 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion: 93 Resp: 805719
Ion Ratio Lower Upper
93 100
95 32.8 26.1 39.1
123 12.3 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.893 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

Instrument :

BNA_F

ClientSampleId :

ICVBF041223

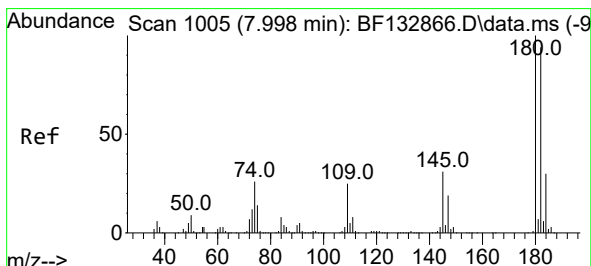
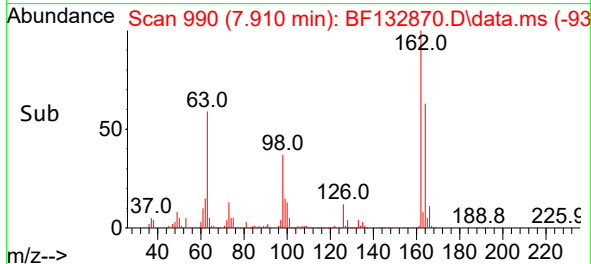
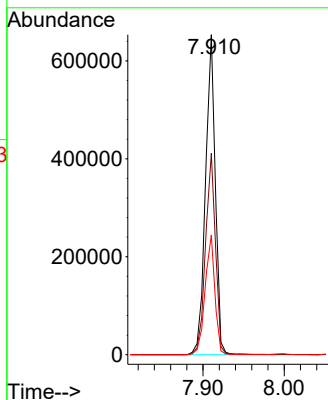
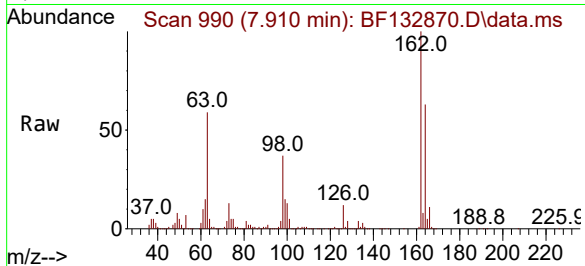
Tgt Ion:162 Resp: 548463

Ion Ratio Lower Upper

162 100

164 62.9 45.1 85.1

98 37.4 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 39.532 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

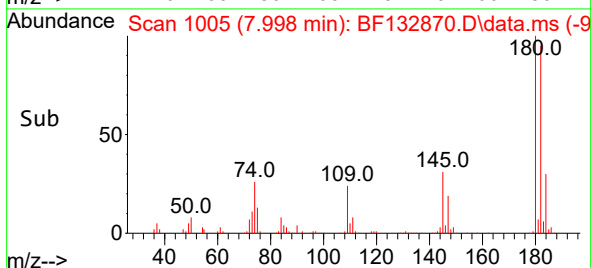
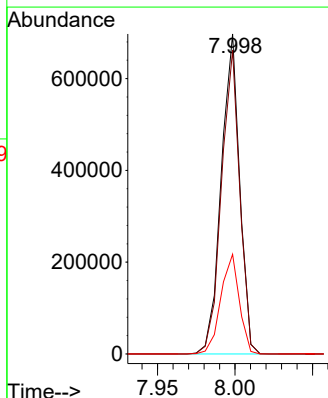
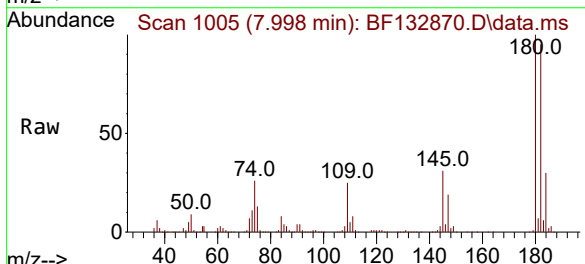
Tgt Ion:180 Resp: 574632

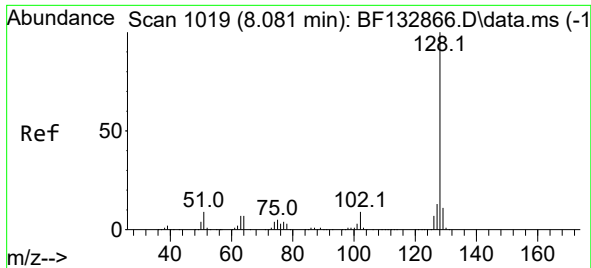
Ion Ratio Lower Upper

180 100

182 95.0 75.0 112.4

145 31.2 24.8 37.2

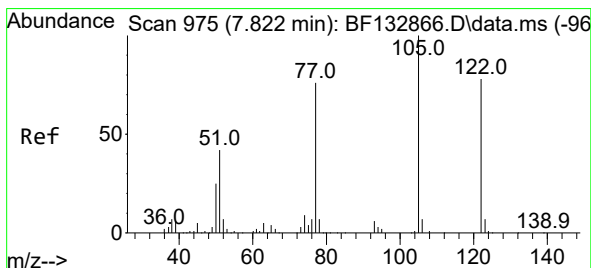
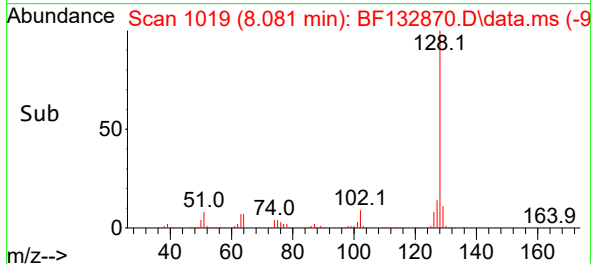
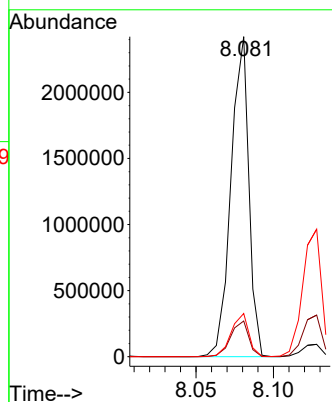
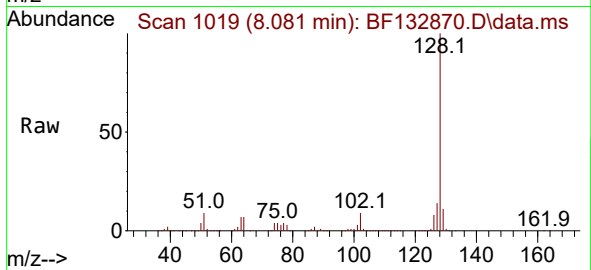




#31
Naphthalene
Concen: 38.710 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

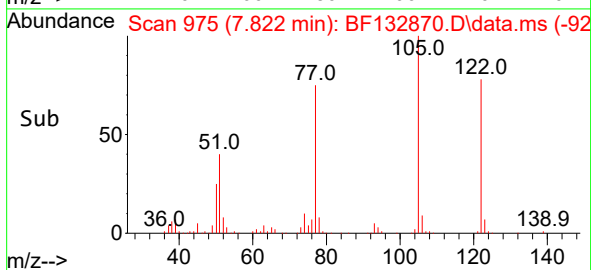
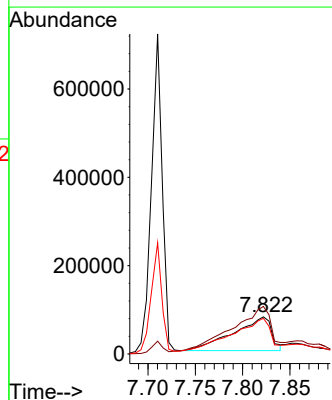
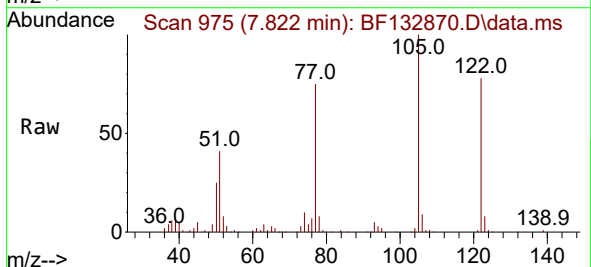
Instrument :
BNA_F
ClientSampleId :
ICVBF041223

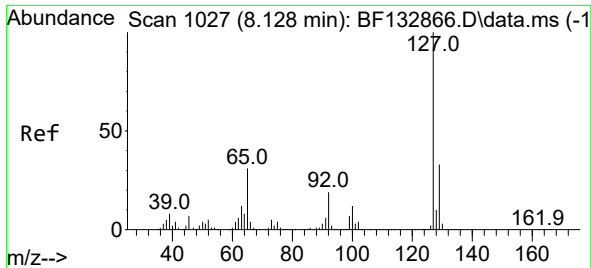
Tgt Ion:128 Resp: 1938829
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 33.628 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion:122 Resp: 213703
Ion Ratio Lower Upper
122 100
105 127.6 104.3 144.3
77 95.9 75.5 115.5

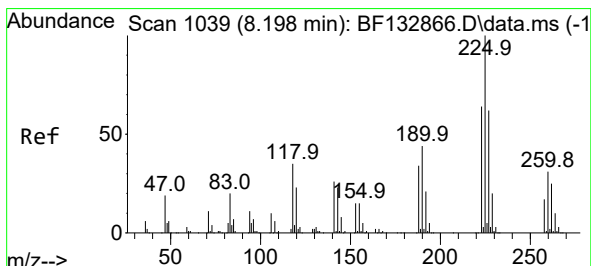
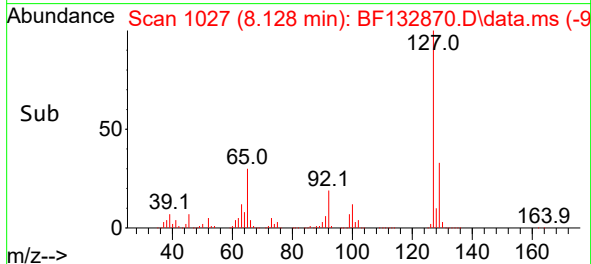
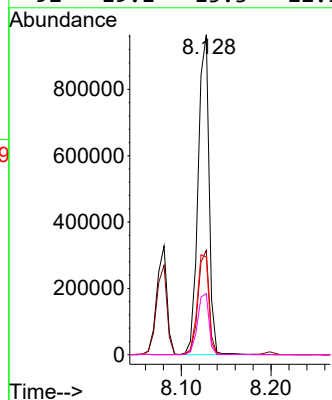
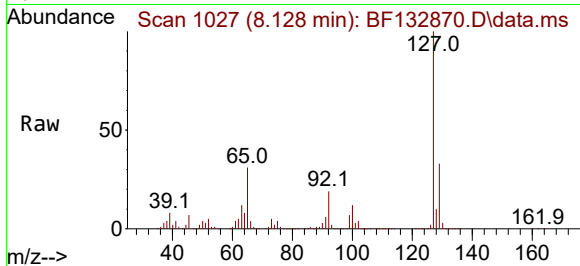




#33
4-Chloroaniline
Concen: 40.319 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

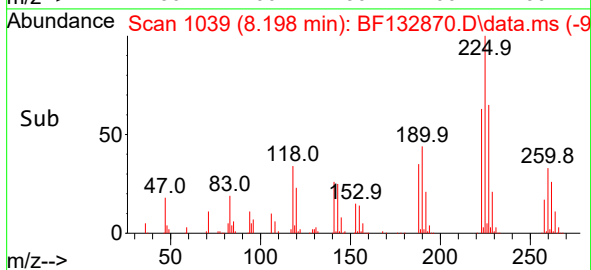
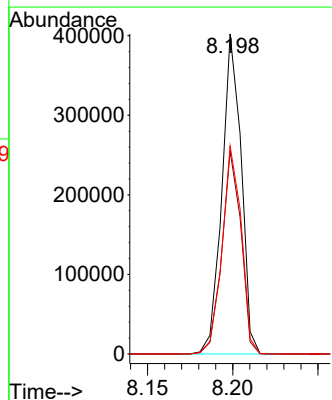
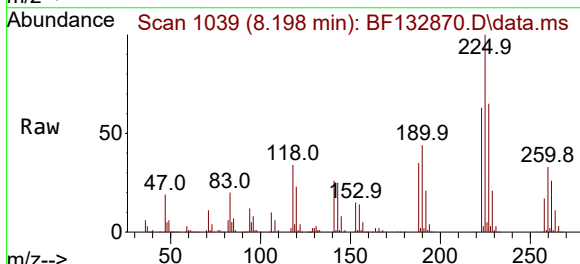
Instrument :
BNA_F
ClientSampleId :
ICVBF041223

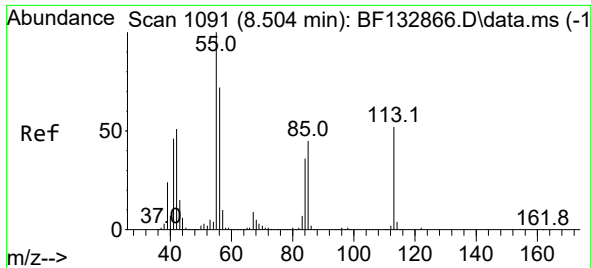
Tgt Ion:	127	Resp:	818695
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.4	39.6
65	30.5	24.6	36.8
92	19.1	15.3	22.9



#34
Hexachlorobutadiene
Concen: 39.274 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion:	225	Resp:	315474
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.3	76.9
227	65.0	49.9	74.9

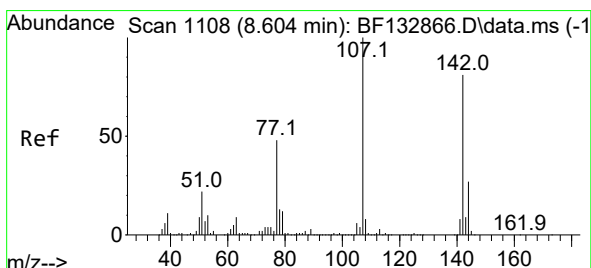
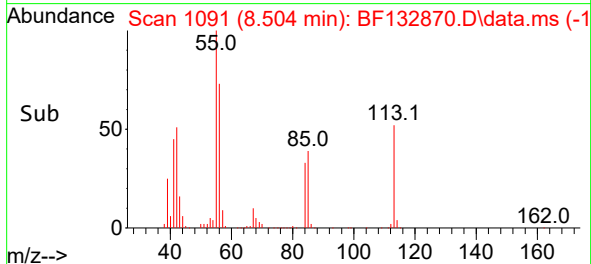
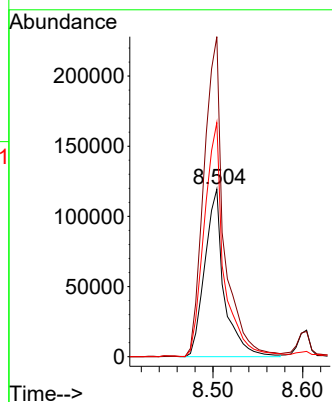
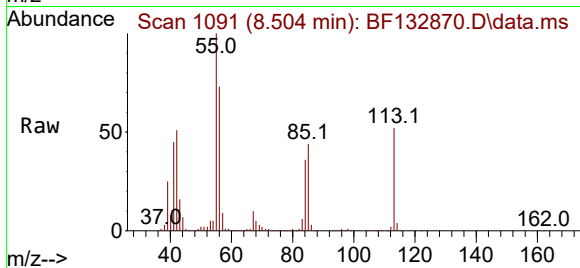




#35
 Caprolactam
 Concen: 45.641 ng
 RT: 8.504 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: BF132870.D
 Acq: 12 Apr 2023 20:32

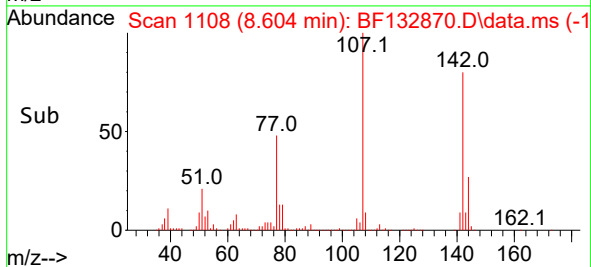
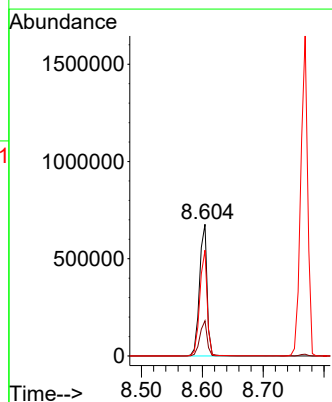
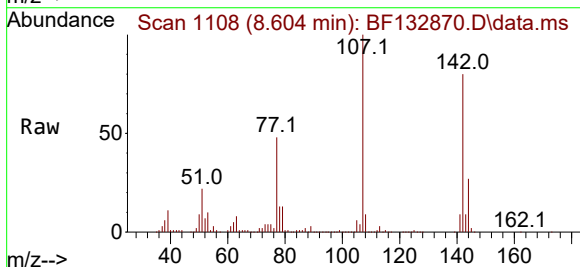
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041223

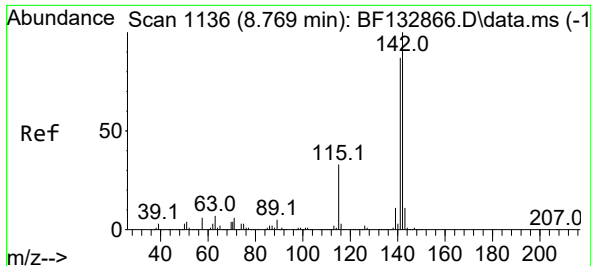
Tgt Ion:113 Resp: 178978
 Ion Ratio Lower Upper
 113 100
 55 191.0 171.5 211.5
 56 139.7 118.1 158.1



#36
 4-Chloro-3-methylphenol
 Concen: 40.988 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF132870.D
 Acq: 12 Apr 2023 20:32

Tgt Ion:107 Resp: 581139
 Ion Ratio Lower Upper
 107 100
 144 26.7 21.4 32.0
 142 80.3 64.9 97.3





#37

2-Methylnaphthalene

Concen: 38.656 ng

RT: 8.769 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

Instrument :

BNA_F

ClientSampleId :

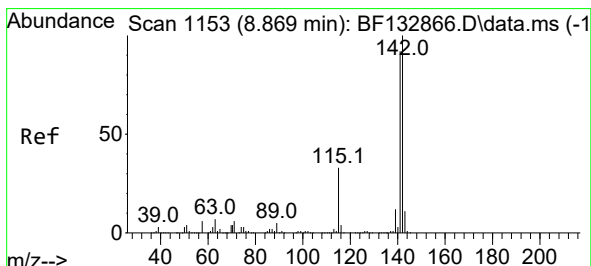
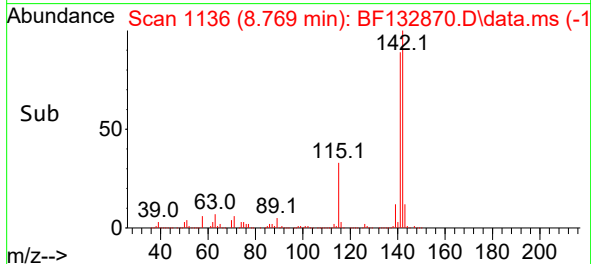
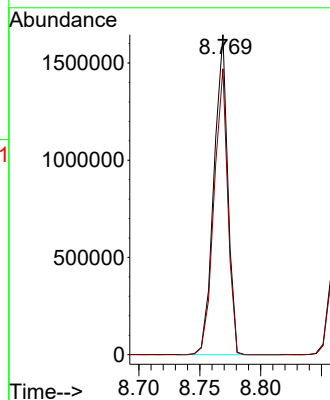
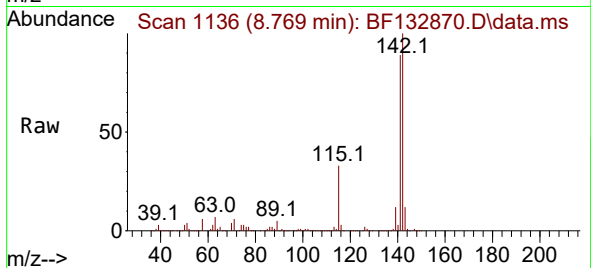
ICVBF041223

Tgt Ion:142 Resp: 1301901

Ion Ratio Lower Upper

142 100

141 89.3 70.0 105.0



#38

1-Methylnaphthalene

Concen: 38.668 ng

RT: 8.869 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF132870.D

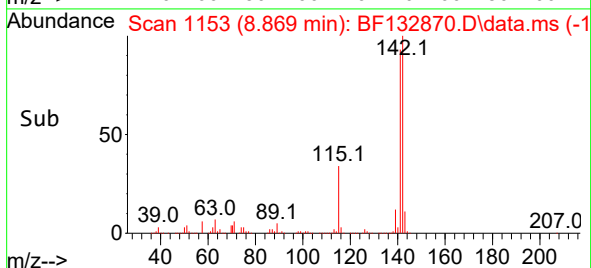
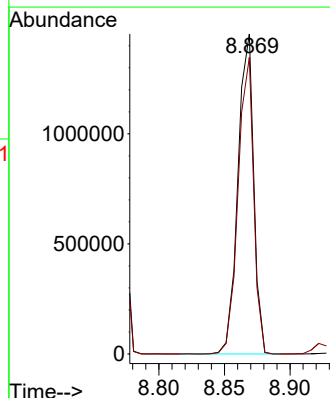
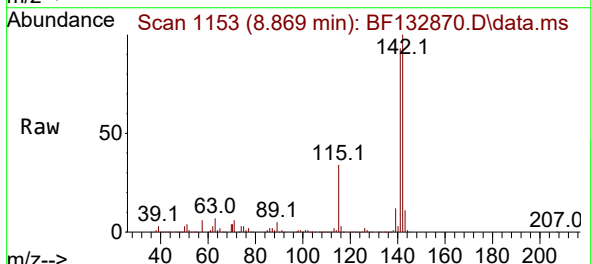
Acq: 12 Apr 2023 20:32

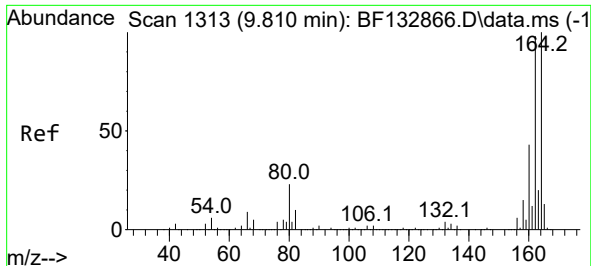
Tgt Ion:142 Resp: 1216071

Ion Ratio Lower Upper

142 100

141 92.6 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

Instrument :

BNA_F

ClientSampleId :

ICVBF041223

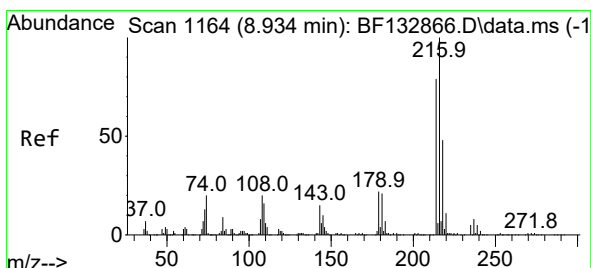
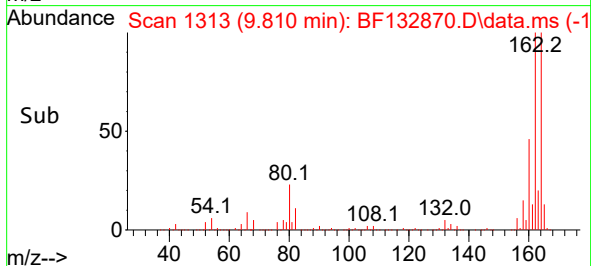
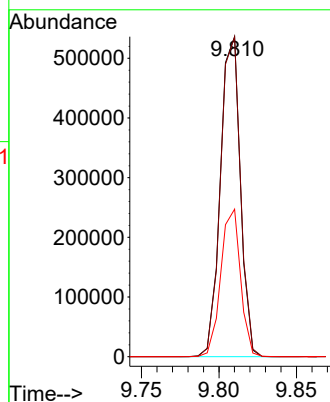
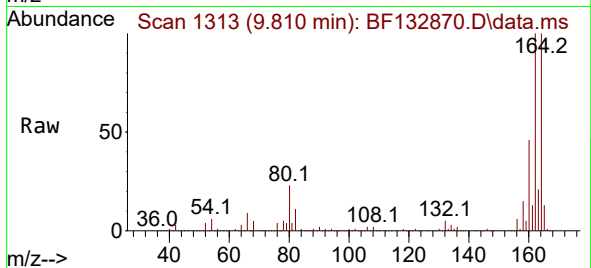
Tgt Ion:164 Resp: 480332

Ion Ratio Lower Upper

164 100

162 100.0 78.7 118.1

160 46.1 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.643 ng

RT: 8.934 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

Tgt Ion:216 Resp: 537460

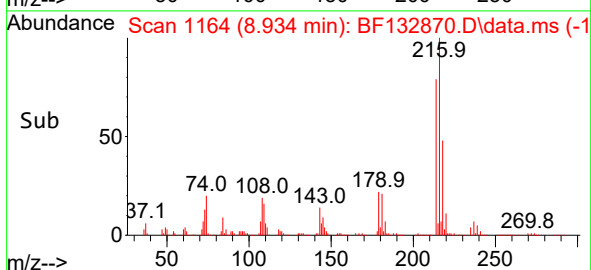
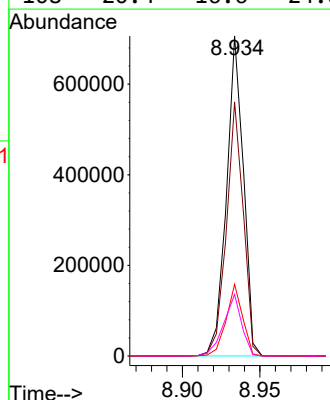
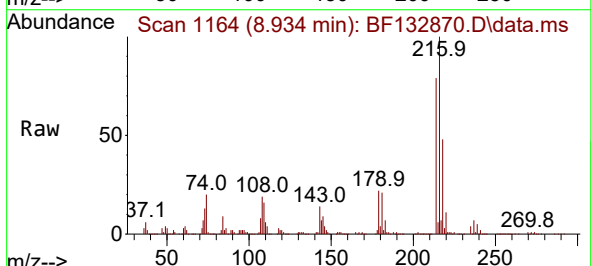
Ion Ratio Lower Upper

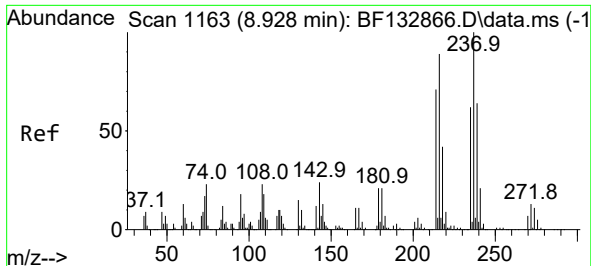
216 100

214 78.7 62.6 94.0

179 21.7 17.5 26.3

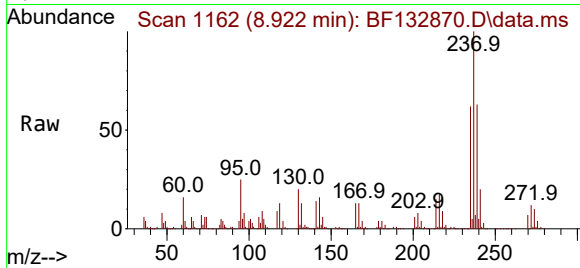
108 20.4 16.6 24.8



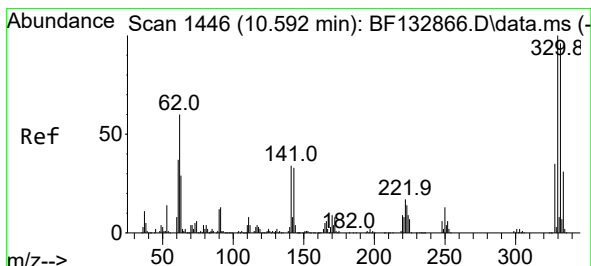
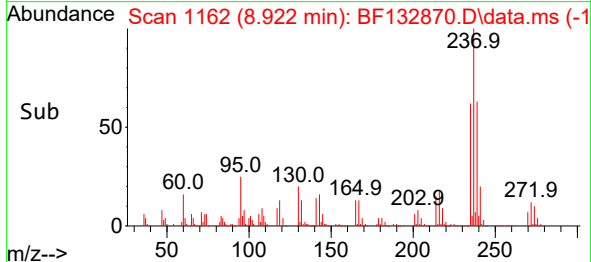
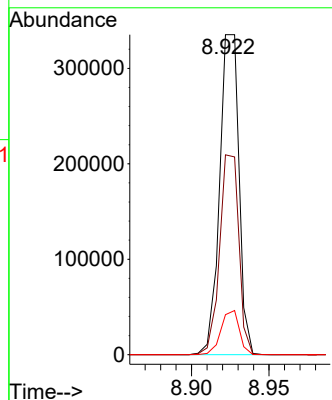


#41
Hexachlorocyclopentadiene
Concen: 44.917 ng
RT: 8.922 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Instrument :
BNA_F
ClientSampleId :
ICVBF041223

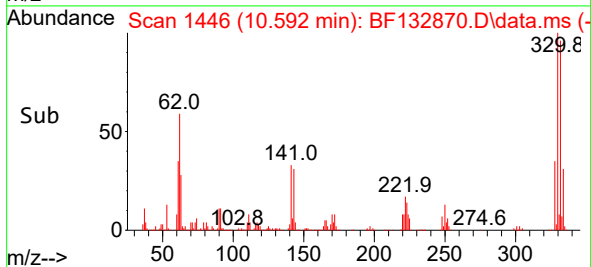
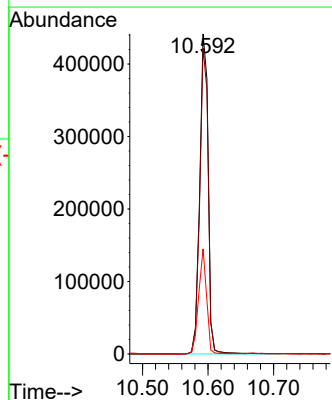
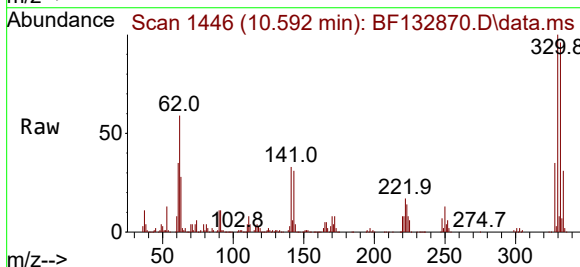


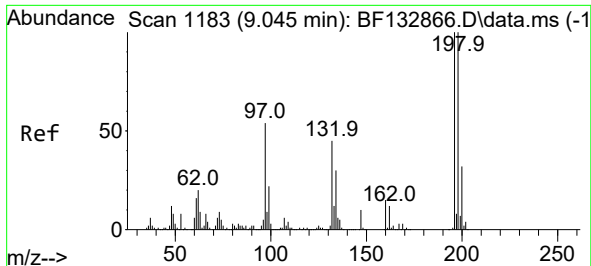
Tgt Ion: 237 Resp: 291838
Ion Ratio Lower Upper
237 100
235 62.5 42.1 82.1
272 12.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 87.236 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion: 330 Resp: 397285
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.4
141 31.0 25.5 38.3

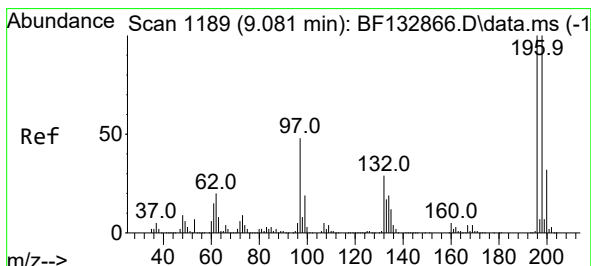
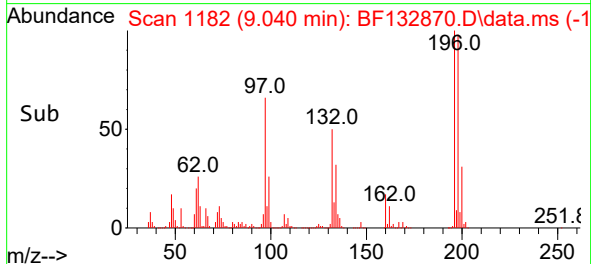
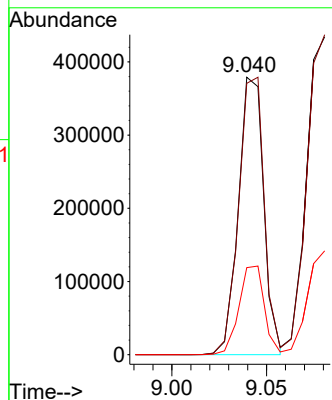
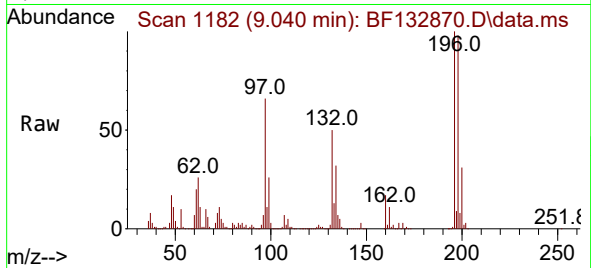




#43
2,4,6-Trichlorophenol
Concen: 42.237 ng
RT: 9.040 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

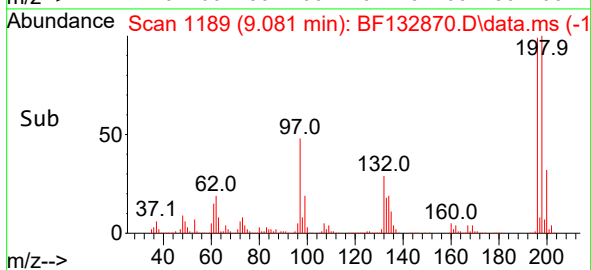
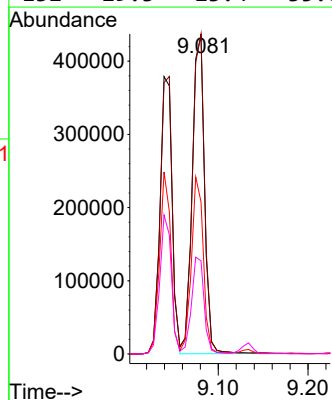
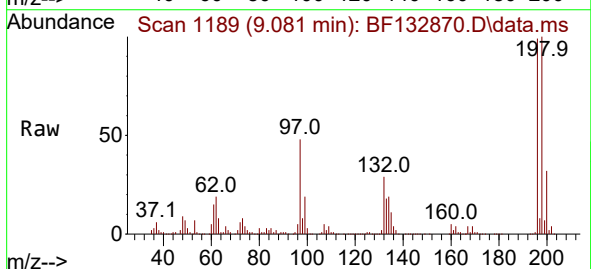
Instrument :
BNA_F
ClientSampleId :
ICVBF041223

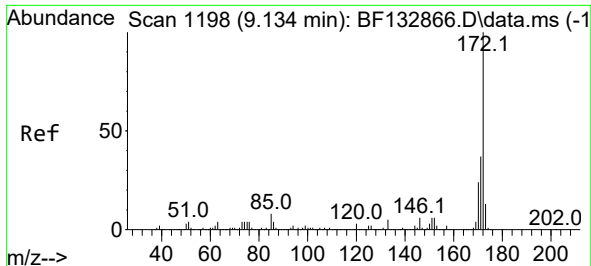
Tgt Ion:196 Resp: 351879
Ion Ratio Lower Upper
196 100
198 97.8 80.1 120.1
200 31.3 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 42.010 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion:196 Resp: 414562
Ion Ratio Lower Upper
196 100
198 100.7 80.3 120.5
97 47.8 38.6 58.0
132 29.3 23.4 35.0

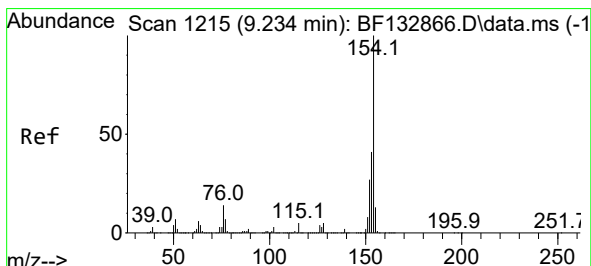
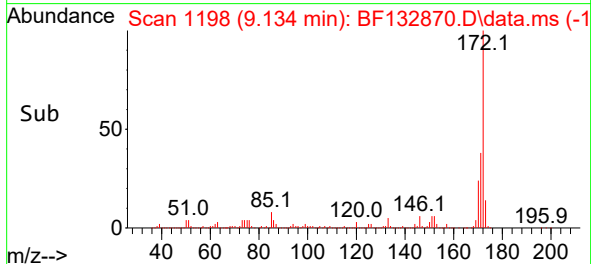
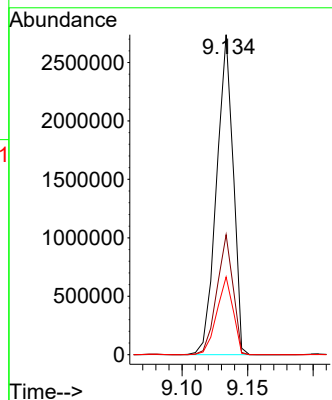
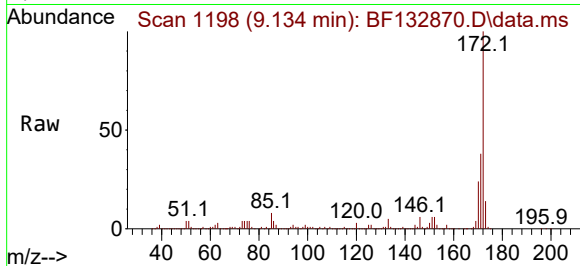




#45
2-Fluorobiphenyl
Concen: 76.393 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

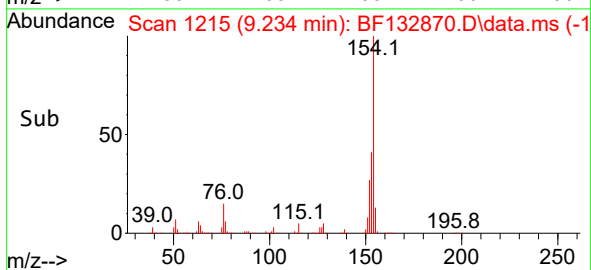
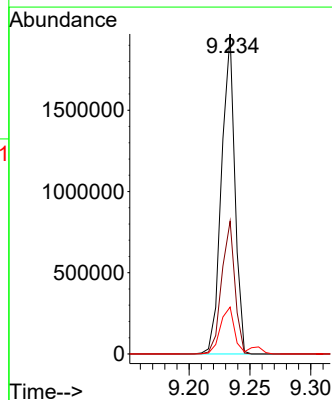
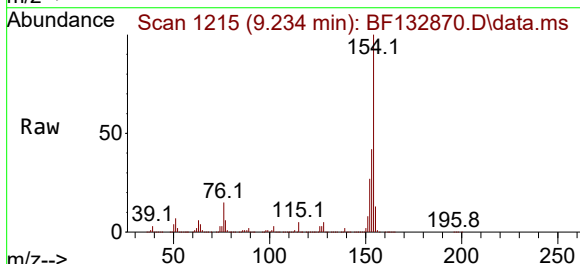
Instrument :
BNA_F
ClientSampleId :
ICVBF041223

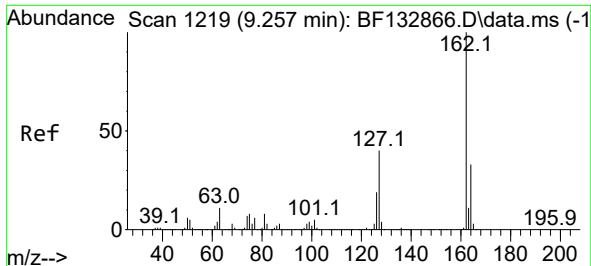
Tgt Ion:172 Resp: 2403489
Ion Ratio Lower Upper
172 100
171 37.5 29.2 43.8
170 24.3 19.4 29.0



#46
1,1'-Biphenyl
Concen: 38.789 ng
RT: 9.234 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion:154 Resp: 1504129
Ion Ratio Lower Upper
154 100
153 41.5 20.9 60.9
76 14.7 0.0 34.5





#47

2-Chloronaphthalene

Concen: 39.283 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

Instrument :

BNA_F

ClientSampleId :

ICVBF041223

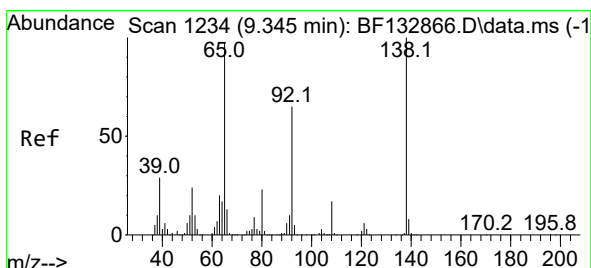
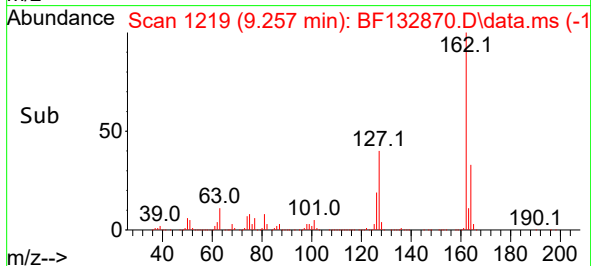
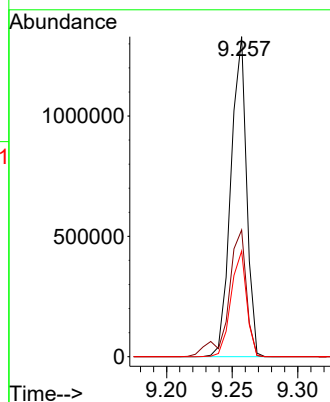
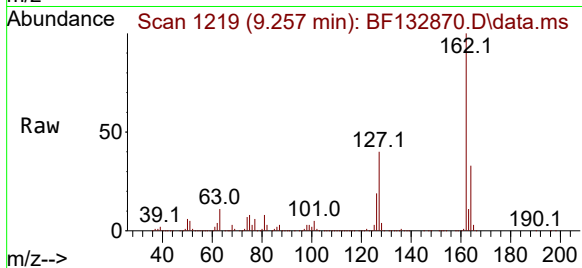
Tgt Ion:162 Resp: 1109185

Ion Ratio Lower Upper

162 100

127 39.6 31.9 47.9

164 33.0 26.6 39.8



#48

2-Nitroaniline

Concen: 43.352 ng

RT: 9.345 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

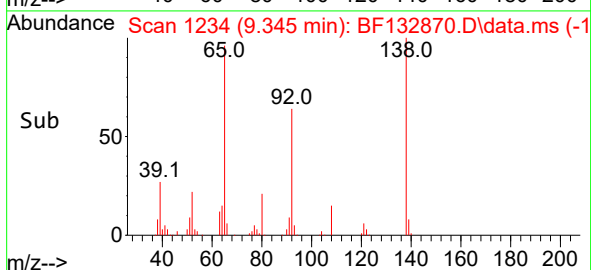
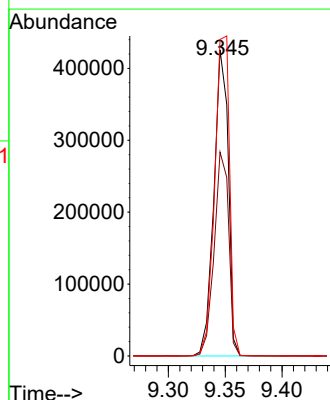
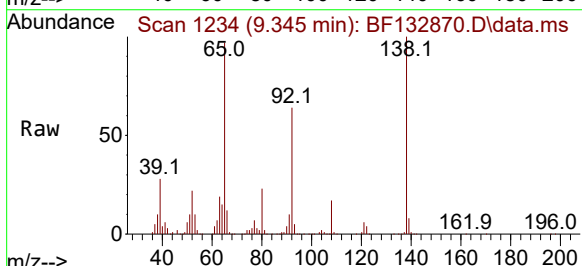
Tgt Ion: 65 Resp: 373177

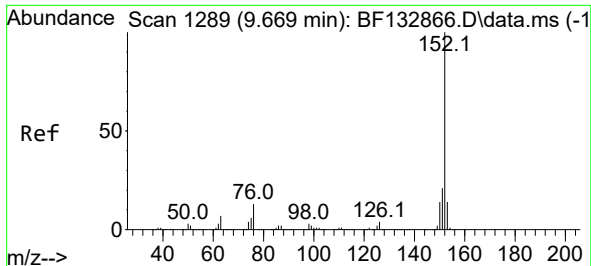
Ion Ratio Lower Upper

65 100

92 66.6 54.0 81.0

138 103.4 82.7 124.1





#49

Acenaphthylene

Concen: 39.663 ng

RT: 9.669 min Scan# 1289

Delta R.T. -0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

Instrument :

BNA_F

ClientSampleId :

ICVBF041223

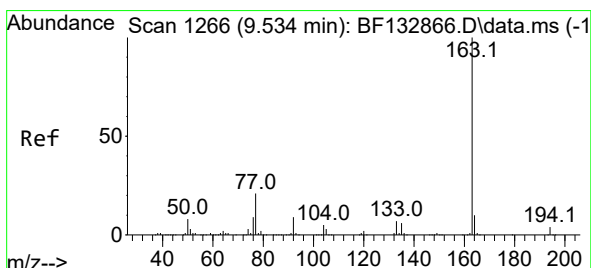
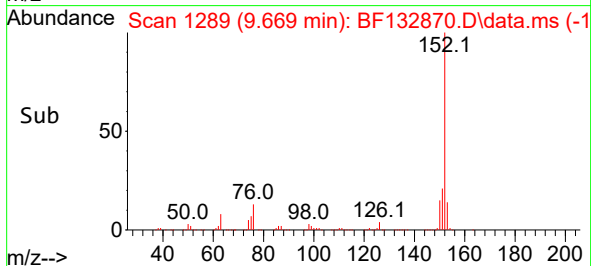
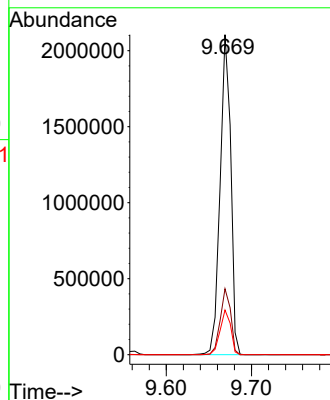
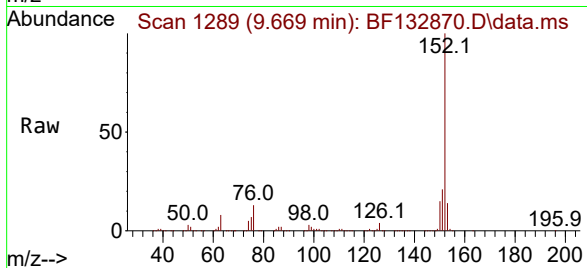
Tgt Ion:152 Resp: 1820951

Ion Ratio Lower Upper

152 100

151 20.6 16.6 25.0

153 14.0 11.5 17.3



#50

Dimethylphthalate

Concen: 40.905 ng

RT: 9.534 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

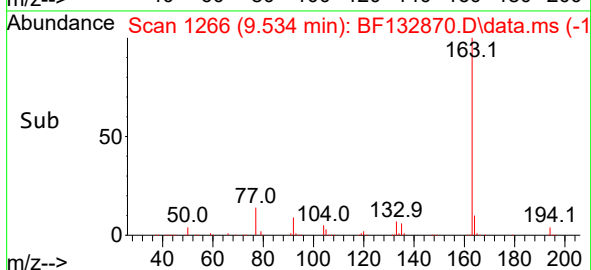
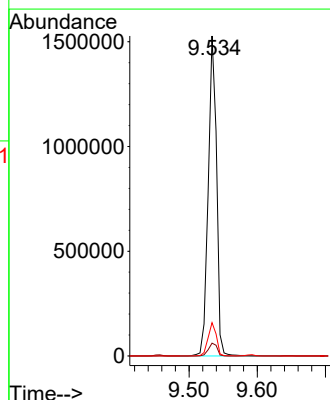
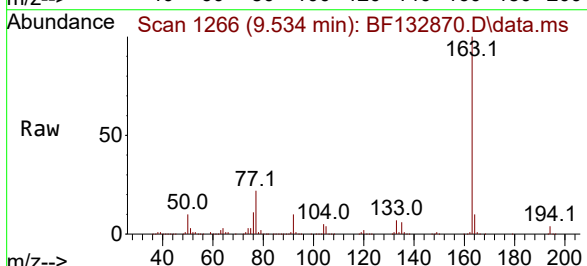
Tgt Ion:163 Resp: 1302594

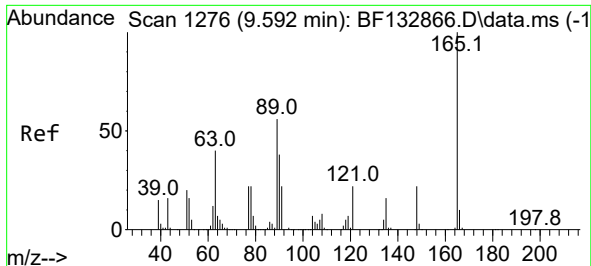
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.4 8.3 12.5

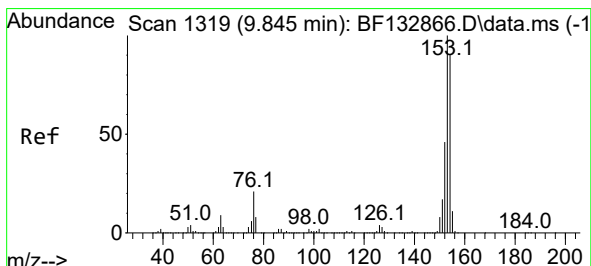
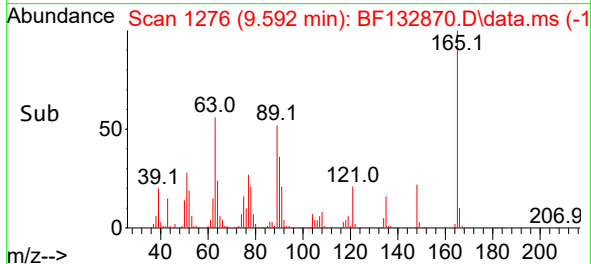
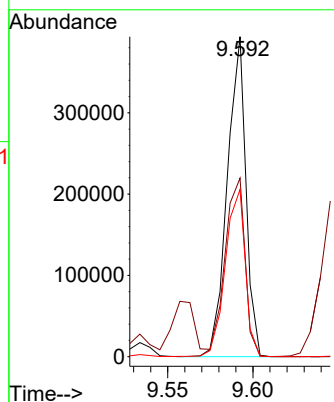
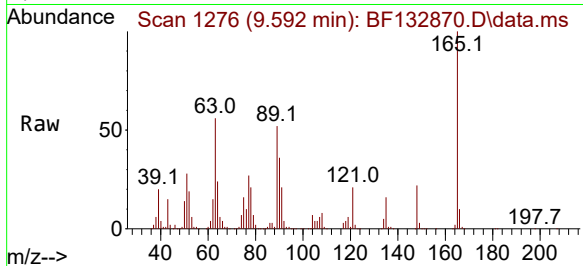




#51
2,6-Dinitrotoluene
Concen: 42.900 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

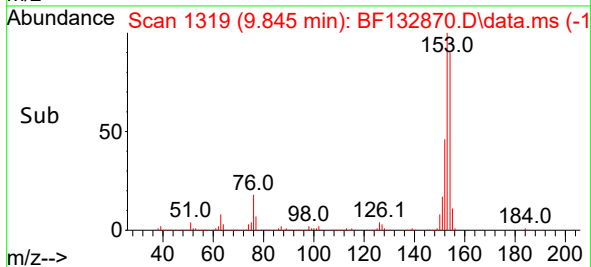
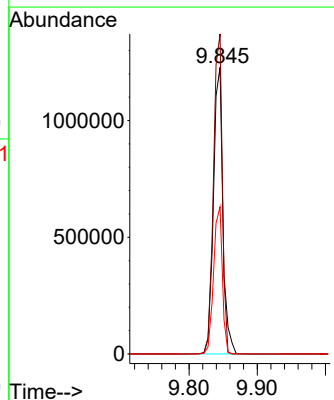
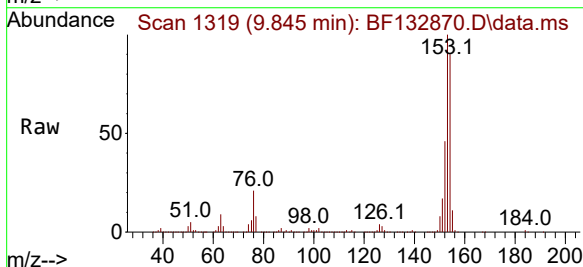
Instrument :
BNA_F
ClientSampleId :
ICVBF041223

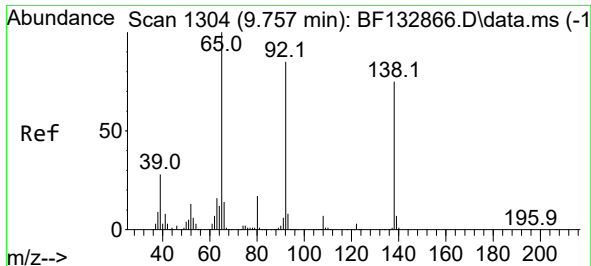
Tgt Ion:165 Resp: 299774
Ion Ratio Lower Upper
165 100
63 55.8 47.1 70.7
89 52.2 44.6 67.0



#52
Acenaphthene
Concen: 39.986 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion:154 Resp: 1179301
Ion Ratio Lower Upper
154 100
153 111.7 88.6 133.0
152 51.3 41.2 61.8

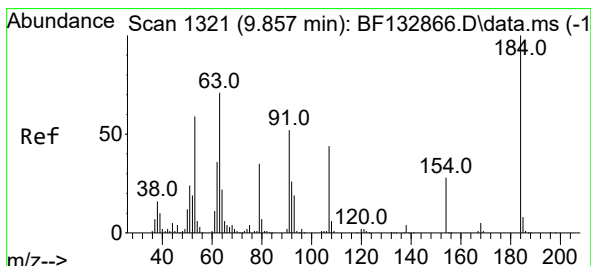
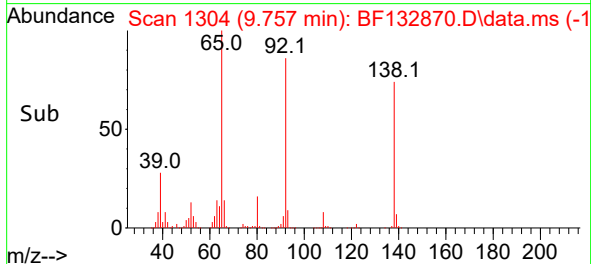
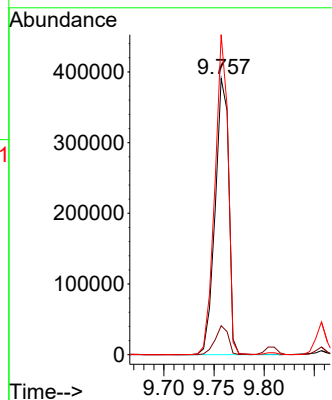
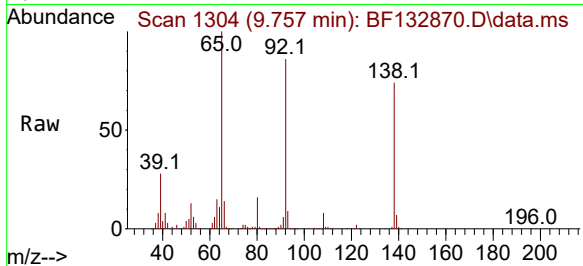




#53
3-Nitroaniline
Concen: 44.641 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

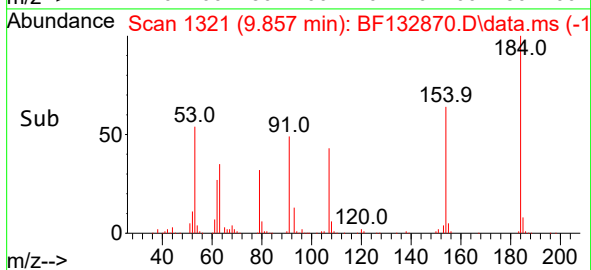
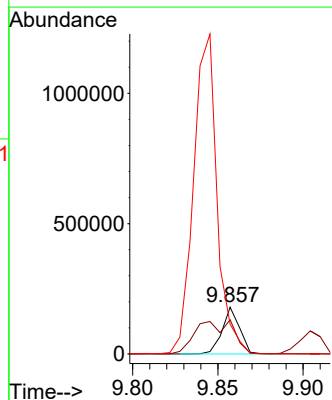
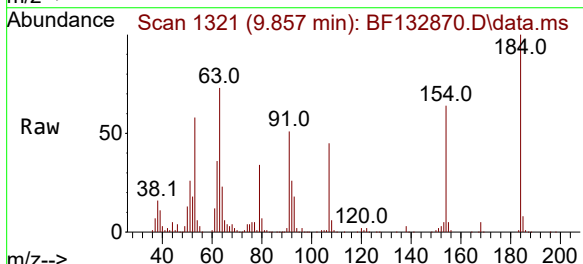
Instrument :
BNA_F
ClientSampleId :
ICVBF041223

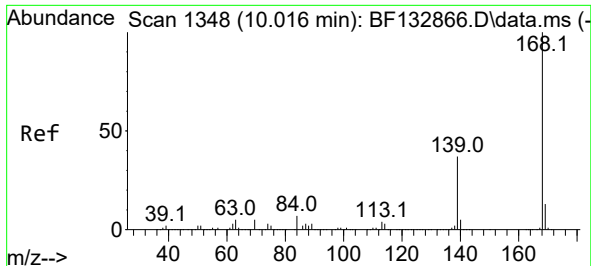
Tgt Ion:138 Resp: 368133
Ion Ratio Lower Upper
138 100
108 10.5 7.8 11.8
92 115.9 91.0 136.4



#54
2,4-Dinitrophenol
Concen: 42.448 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion:184 Resp: 127918
Ion Ratio Lower Upper
184 100
63 73.3 61.0 91.6
154 63.8 50.0 75.0

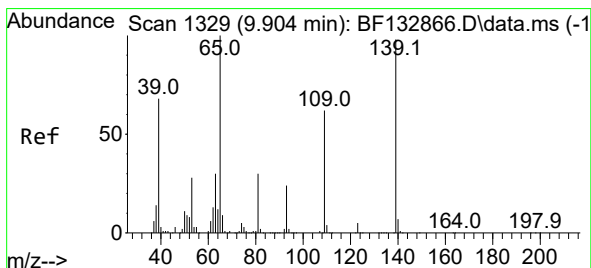
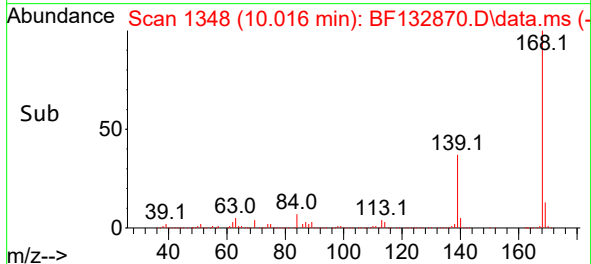
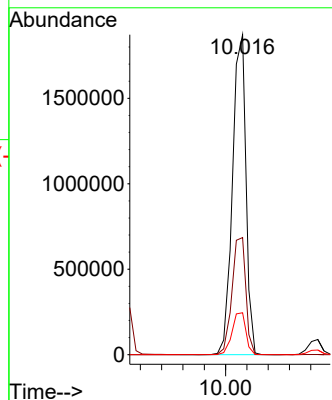
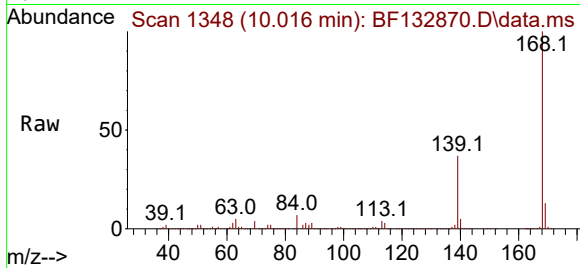




#55
Dibenzofuran
Concen: 39.508 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

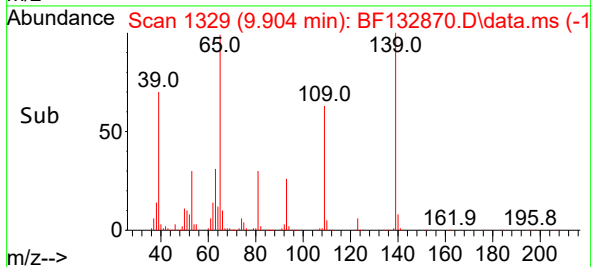
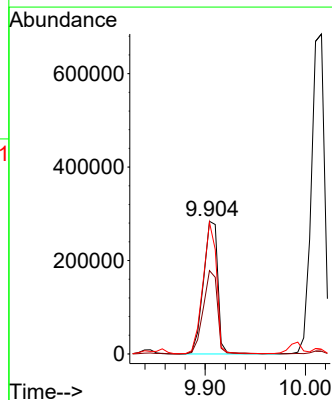
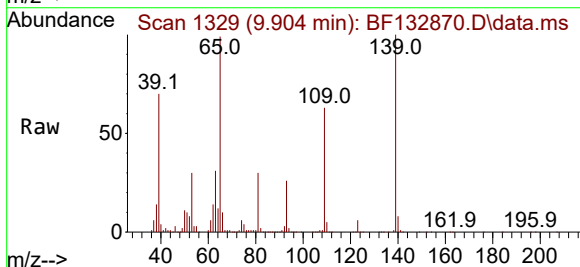
Instrument :
BNA_F
ClientSampleId :
ICVBF041223

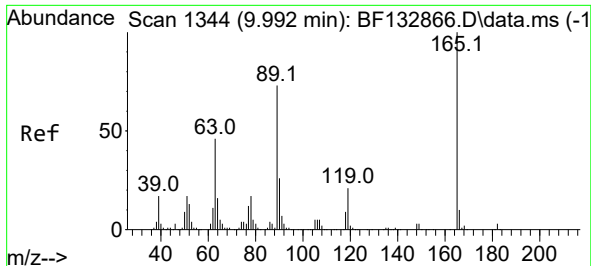
Tgt Ion:168 Resp: 1649241
Ion Ratio Lower Upper
168 100
139 36.6 30.0 45.0
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 44.139 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion:139 Resp: 285102
Ion Ratio Lower Upper
139 100
109 62.8 43.4 83.4
65 99.2 82.5 122.5





#57

2,4-Dinitrotoluene

Concen: 44.773 ng

RT: 9.992 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

Instrument :

BNA_F

ClientSampleId :

ICVBF041223

Tgt Ion:165 Resp: 387935

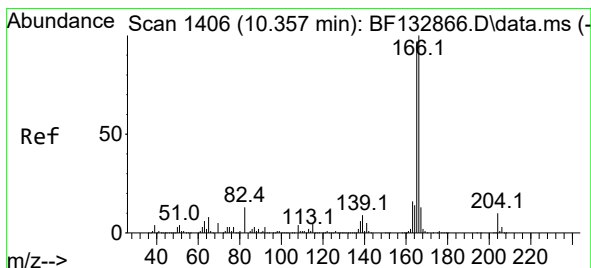
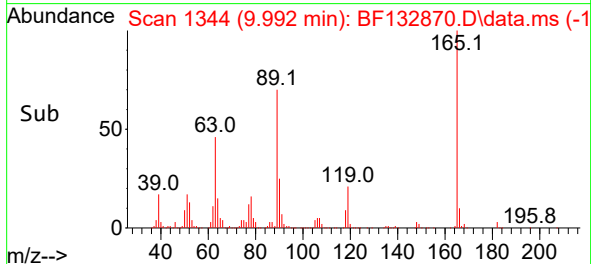
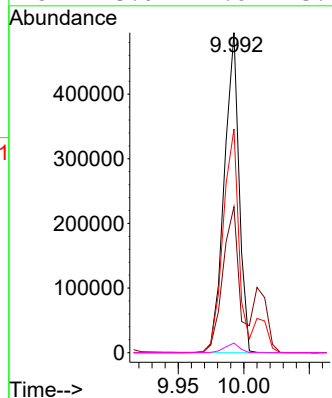
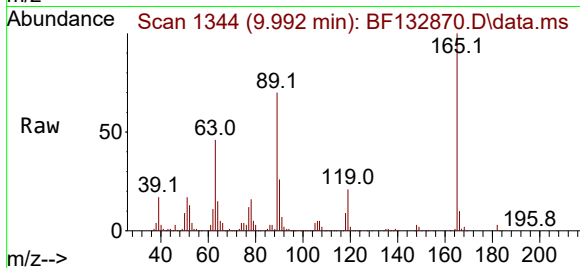
Ion Ratio Lower Upper

165 100

63 45.6 36.6 55.0

89 69.9 58.2 87.2

182 3.0 2.6 3.8



#58

Fluorene

Concen: 38.470 ng

RT: 10.357 min Scan# 1406

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

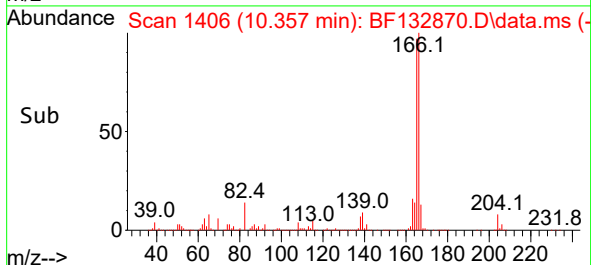
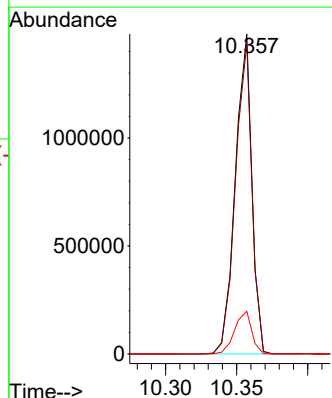
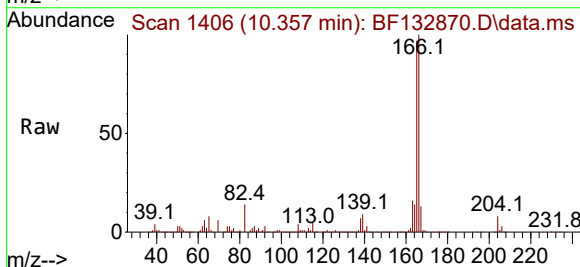
Tgt Ion:166 Resp: 1198332

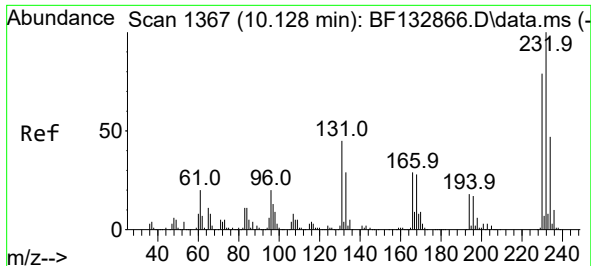
Ion Ratio Lower Upper

166 100

165 97.0 77.7 116.5

167 13.3 10.6 16.0

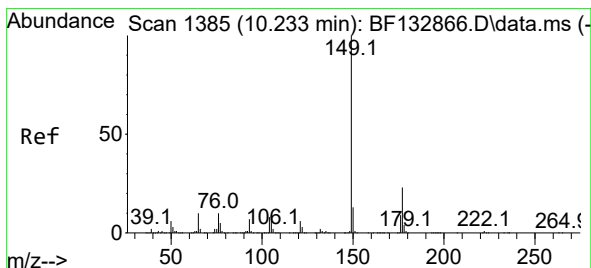
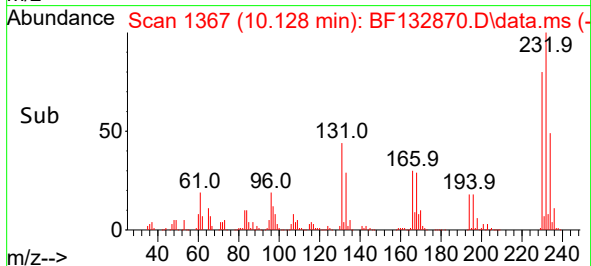
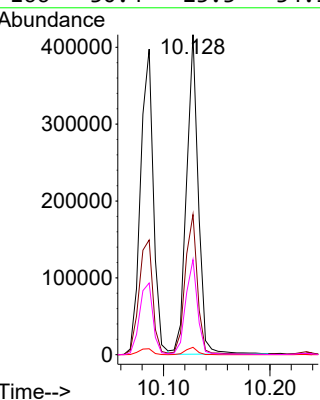
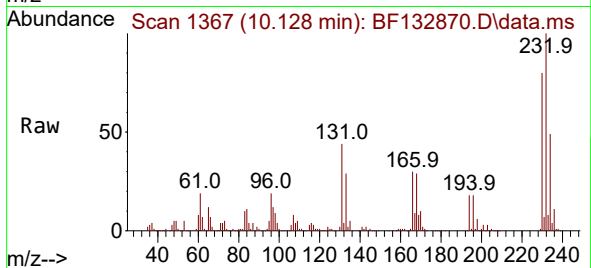




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.970 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

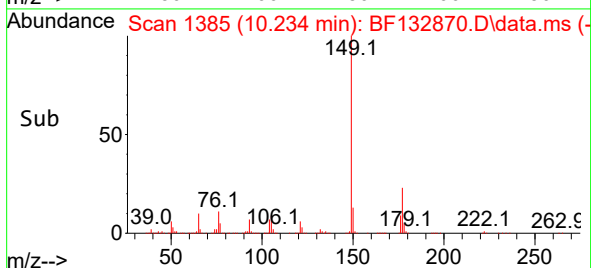
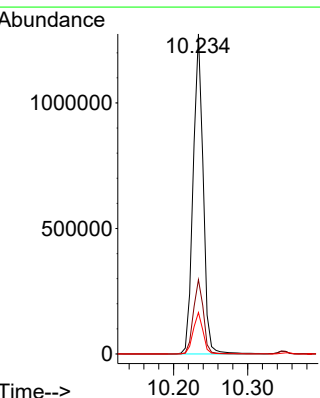
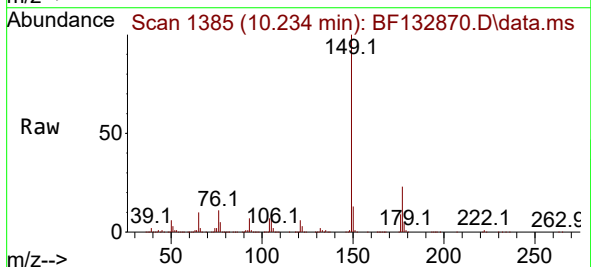
Instrument :
BNA_F
ClientSampleId :
ICVBF041223

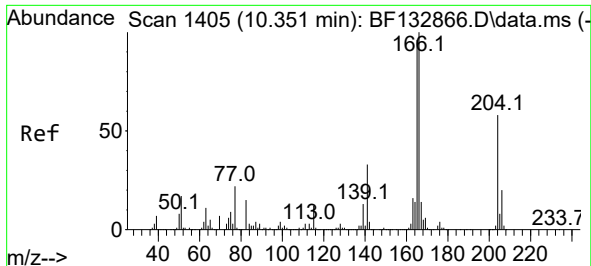
Tgt Ion:232 Resp: 318445
Ion Ratio Lower Upper
232 100
131 46.0 36.8 55.2
130 2.3 1.9 2.9
166 30.4 23.3 34.9



#60
Diethylphthalate
Concen: 41.866 ng
RT: 10.234 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion:149 Resp: 1200915
Ion Ratio Lower Upper
149 100
177 23.2 18.6 27.8
150 13.0 10.1 15.1

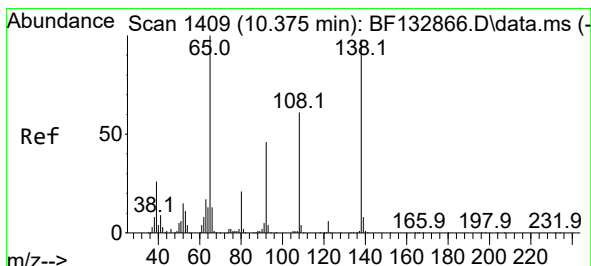
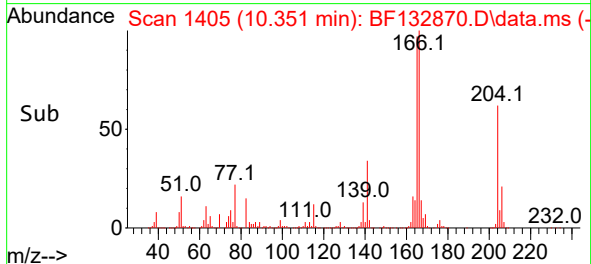
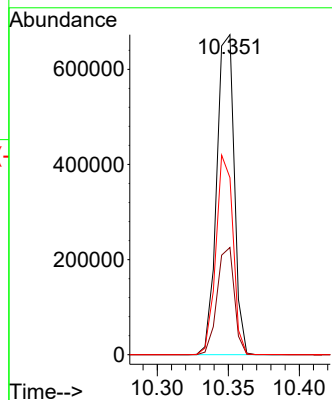
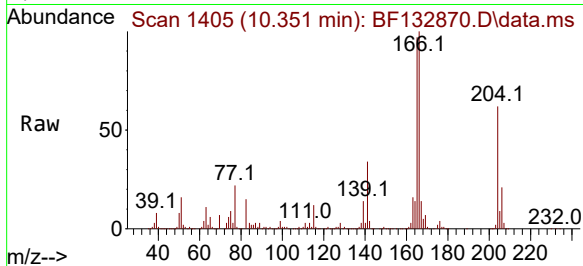




#61
4-Chlorophenyl-phenylether
Concen: 38.973 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

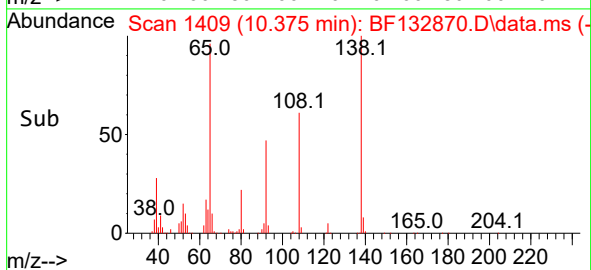
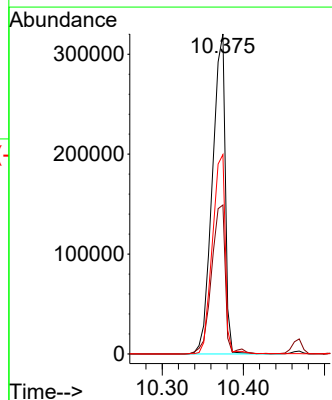
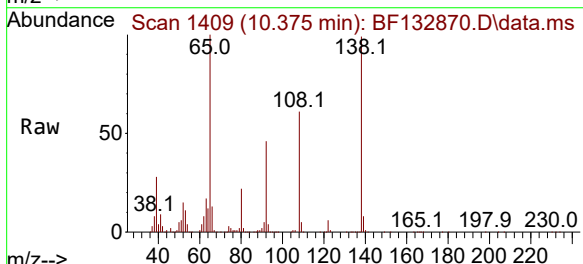
Instrument :
BNA_F
ClientSampleId :
ICVBF041223

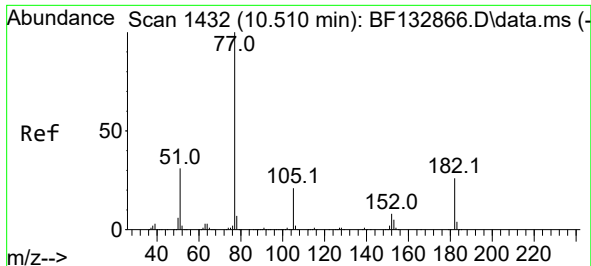
Tgt Ion:204 Resp: 578640
Ion Ratio Lower Upper
204 100
206 33.5 26.8 40.2
141 55.3 45.4 68.0



#62
4-Nitroaniline
Concen: 43.719 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion:138 Resp: 352783
Ion Ratio Lower Upper
138 100
92 46.6 26.5 66.5
108 62.3 42.4 82.4

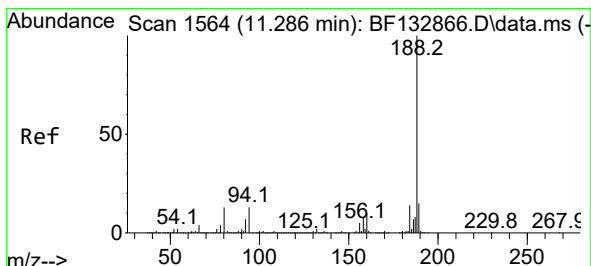
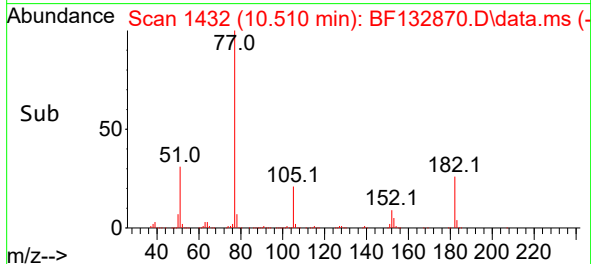
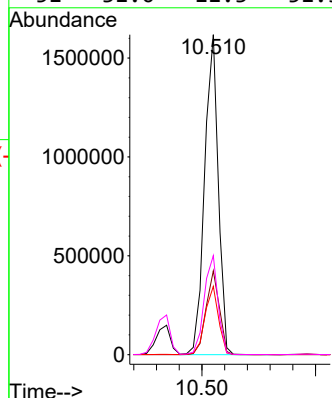
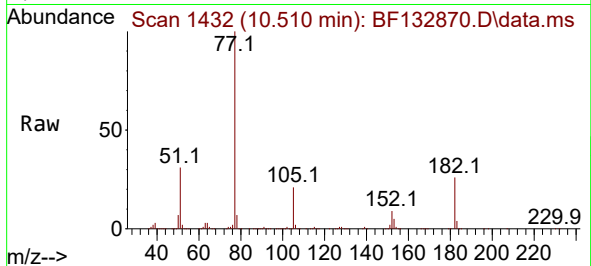




#63
Azobenzene
Concen: 39.332 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

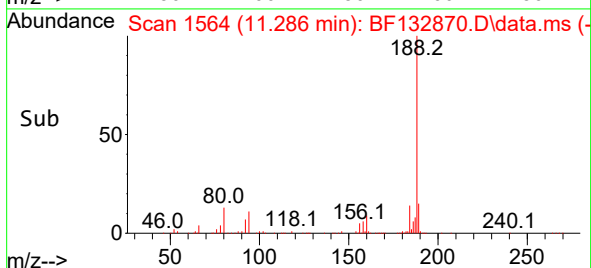
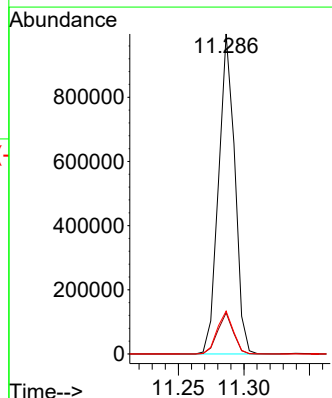
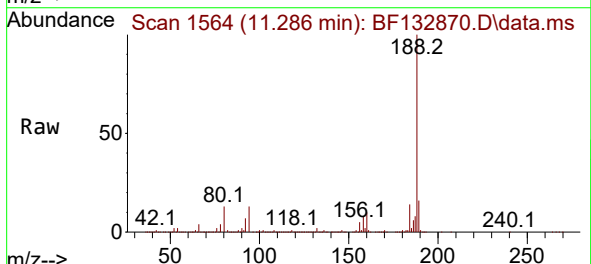
Instrument :
BNA_F
ClientSampleId :
ICVBF041223

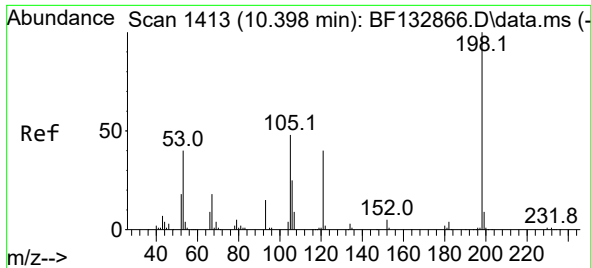
Tgt Ion: 77 Resp: 1348894
Ion Ratio Lower Upper
77 100
182 26.2 5.9 45.9
105 21.3 1.1 41.1
51 31.0 11.3 51.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion: 188 Resp: 856546
Ion Ratio Lower Upper
188 100
94 12.8 10.1 15.1
80 13.4 10.7 16.1

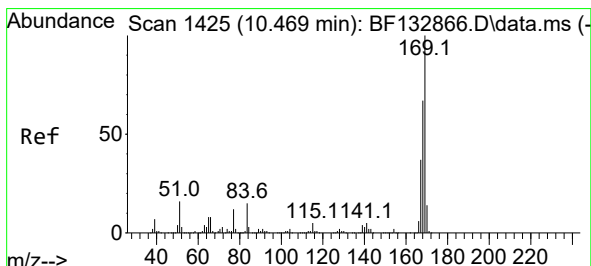
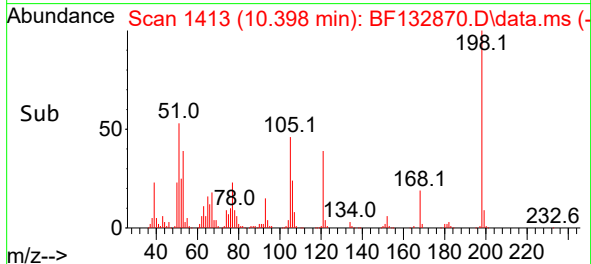
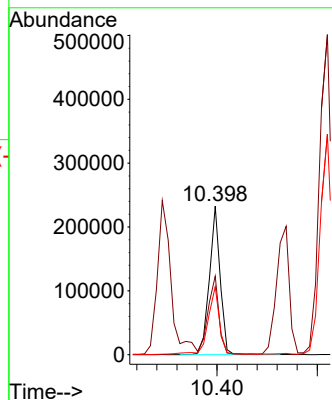
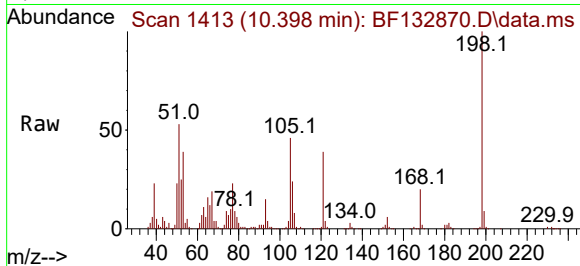




#65
4,6-Dinitro-2-methylphenol
Concen: 43.002 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

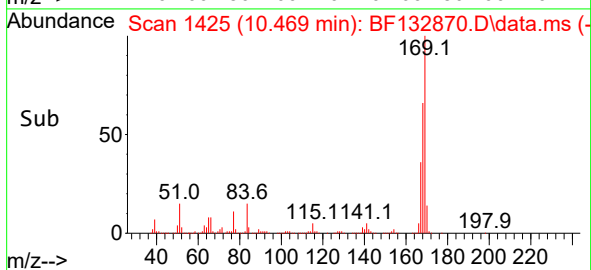
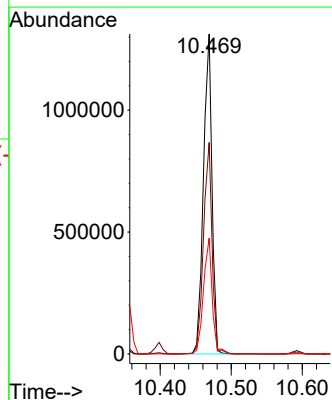
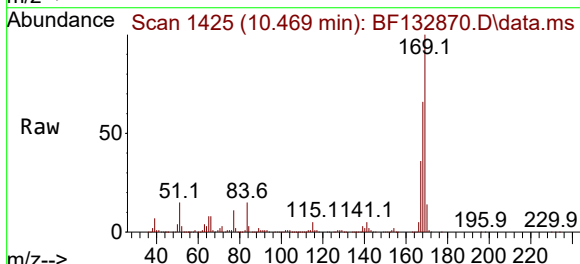
Instrument :
BNA_F
ClientSampleId :
ICVBF041223

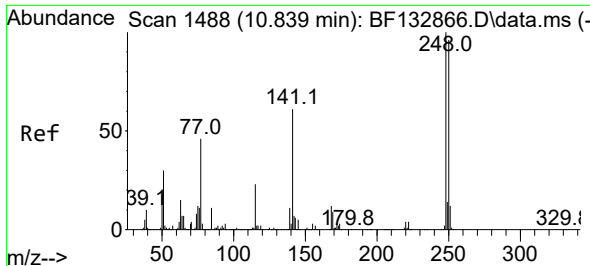
Tgt Ion:198 Resp: 175440
Ion Ratio Lower Upper
198 100
51 52.8 35.6 75.6
105 45.8 28.1 68.1



#66
n-Nitrosodiphenylamine
Concen: 40.324 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion:169 Resp: 1099380
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 36.2 29.4 44.0

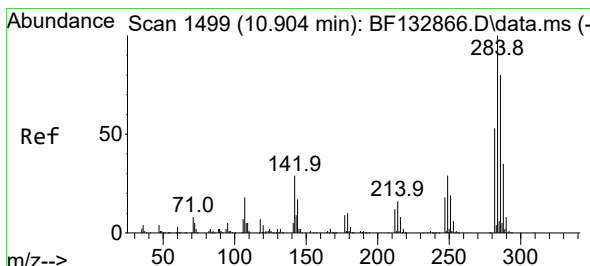
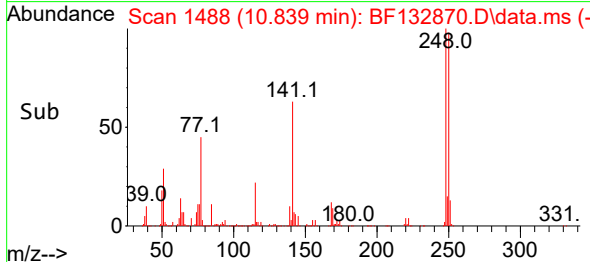
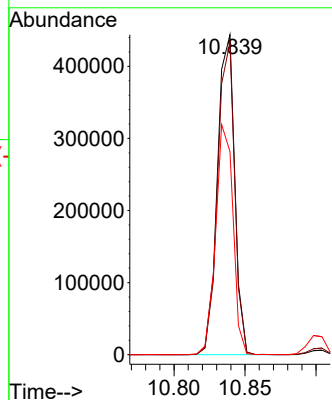
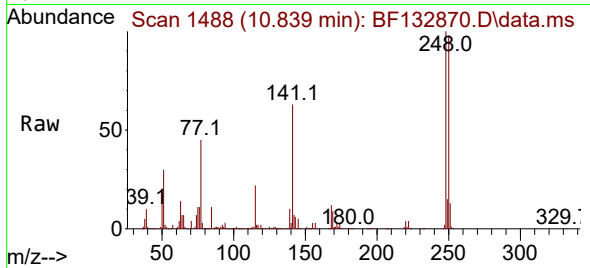




#67
4-Bromophenyl-phenylether
Concen: 40.903 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

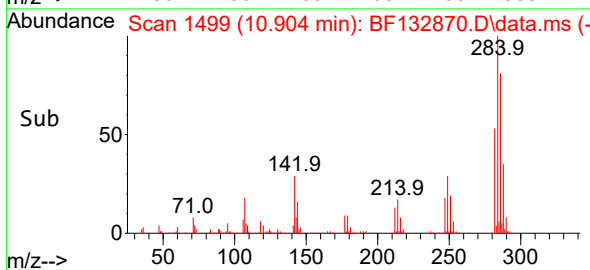
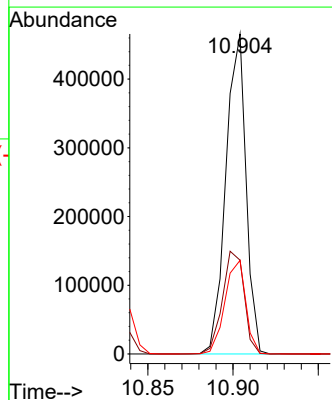
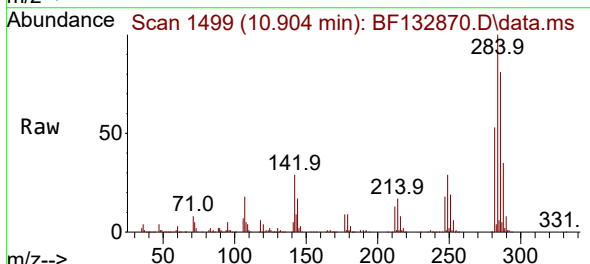
Instrument :
BNA_F
ClientSampleId :
ICVBF041223

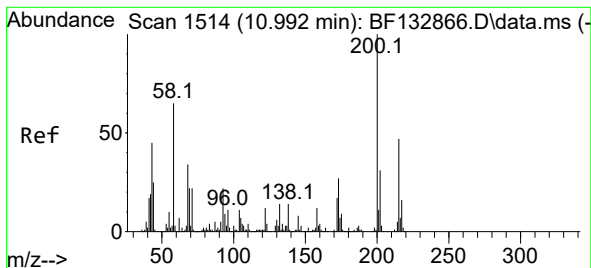
Tgt Ion:248 Resp: 374923
Ion Ratio Lower Upper
248 100
250 97.6 77.0 115.6
141 63.5 48.9 73.3



#68
Hexachlorobenzene
Concen: 40.073 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion:284 Resp: 383675
Ion Ratio Lower Upper
284 100
142 29.3 23.1 34.7
249 29.3 23.3 34.9





#69

Atrazine

Concen: 42.766 ng

RT: 10.992 min Scan# 1514

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

Instrument :

BNA_F

ClientSampleId :

ICVBF041223

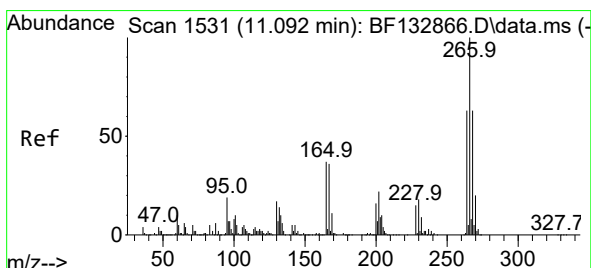
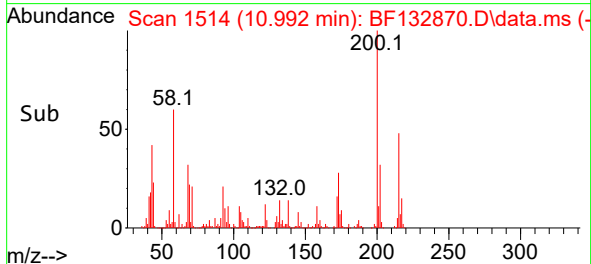
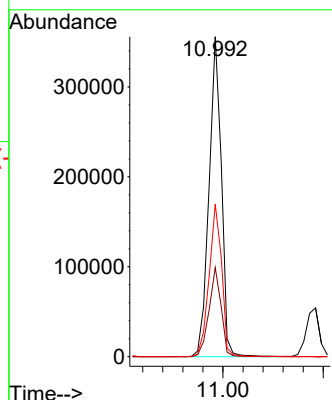
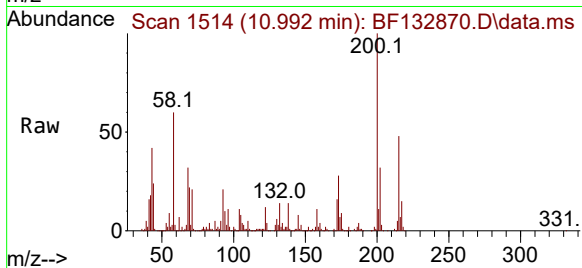
Tgt Ion:200 Resp: 304303

Ion Ratio Lower Upper

200 100

173 27.8 7.1 47.1

215 47.6 27.0 67.0



#70

Pentachlorophenol

Concen: 43.733 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

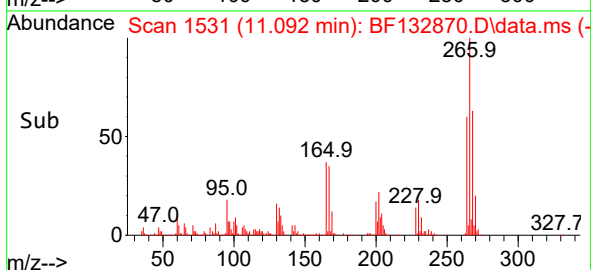
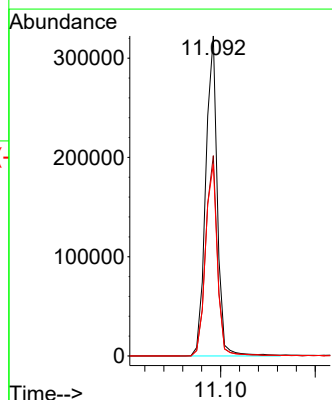
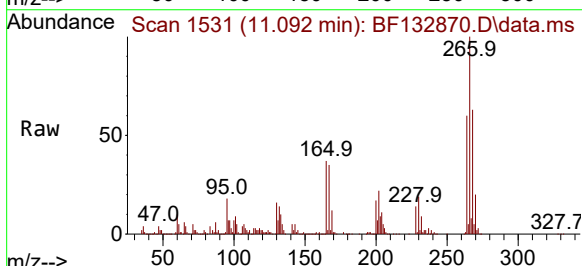
Tgt Ion:266 Resp: 274080

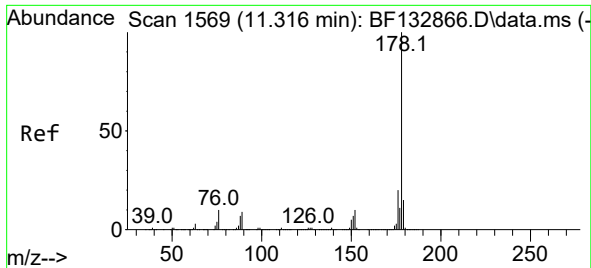
Ion Ratio Lower Upper

266 100

268 62.6 50.6 76.0

264 60.0 50.5 75.7

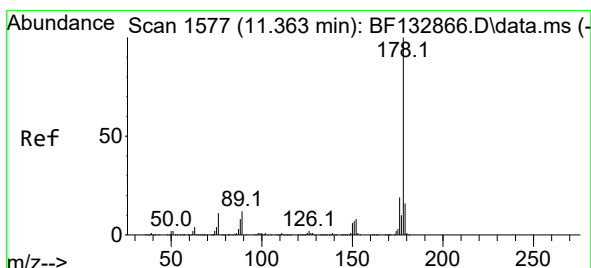
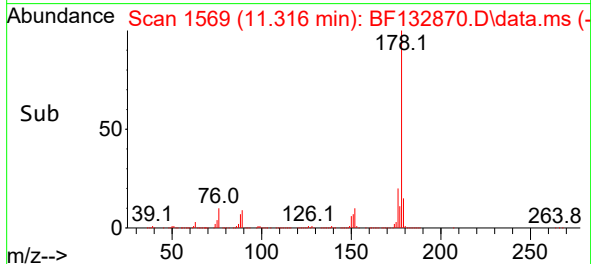
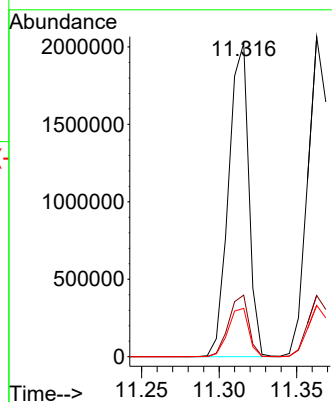
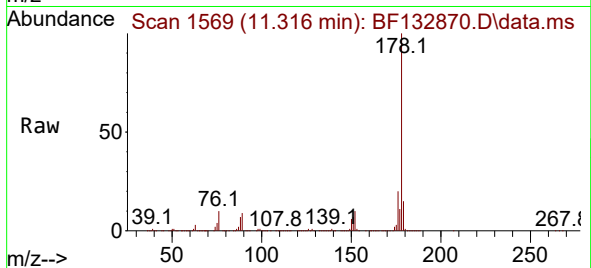




#71
Phenanthrene
Concen: 38.732 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

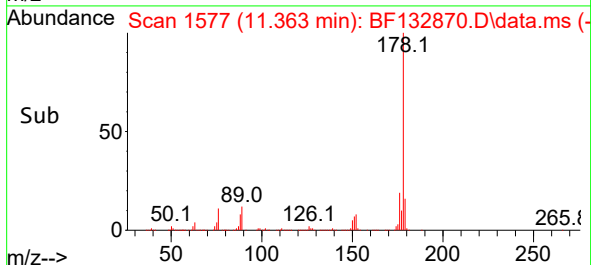
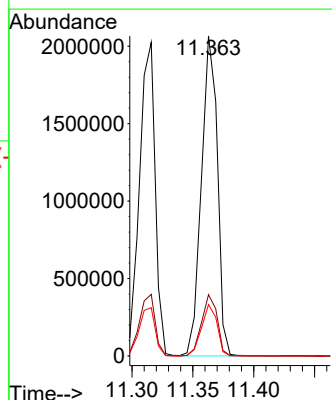
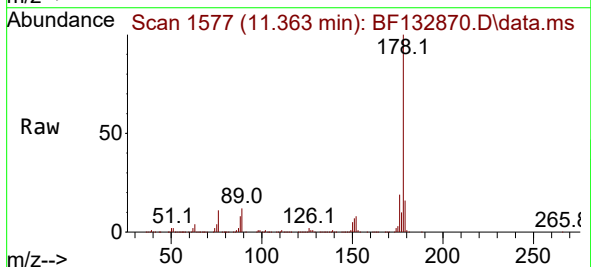
Instrument :
BNA_F
ClientSampleId :
ICVBF041223

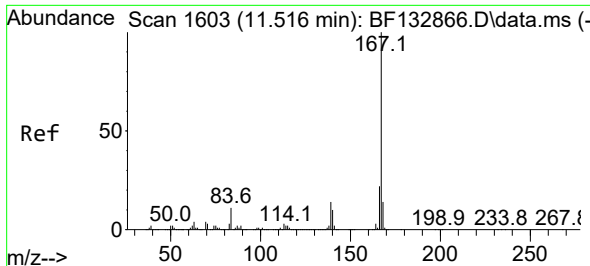
Tgt Ion:178 Resp: 1832534
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 15.4 12.1 18.1



#72
Anthracene
Concen: 39.045 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion:178 Resp: 1887450
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 16.0 12.7 19.1



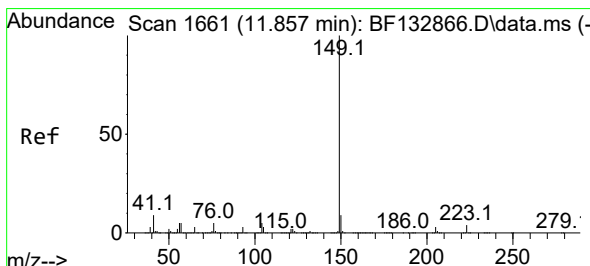
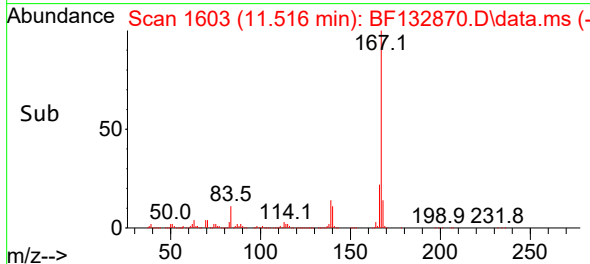
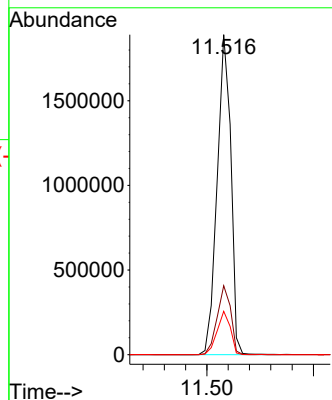
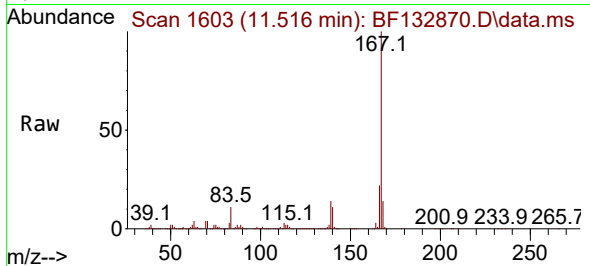


#73
 Carbazole
 Concen: 39.413 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. 0.000 min
 Lab File: BF132870.D
 Acq: 12 Apr 2023 20:32

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041223

Tgt Ion:167 Resp: 1678704

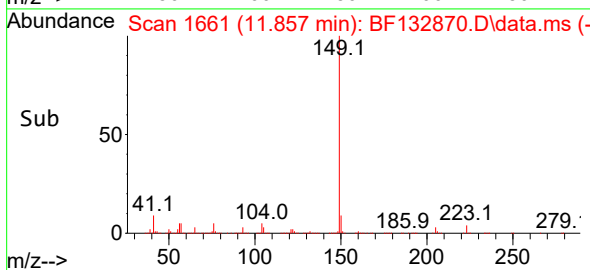
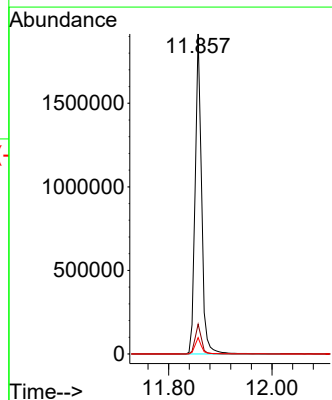
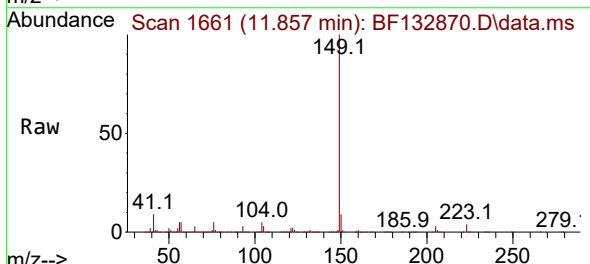
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.5	26.3
139	13.5	11.1	16.7

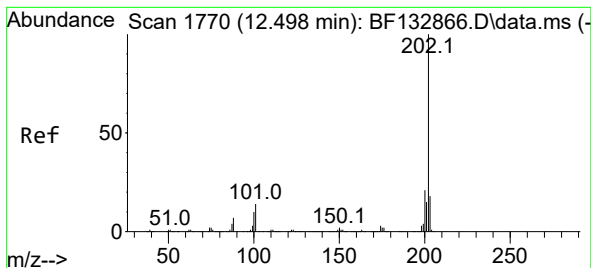


#74
 Di-n-butylphthalate
 Concen: 46.274 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: BF132870.D
 Acq: 12 Apr 2023 20:32

Tgt Ion:149 Resp: 1650745

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 39.157 ng

RT: 12.498 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

Instrument :

BNA_F

ClientSampleId :

ICVBF041223

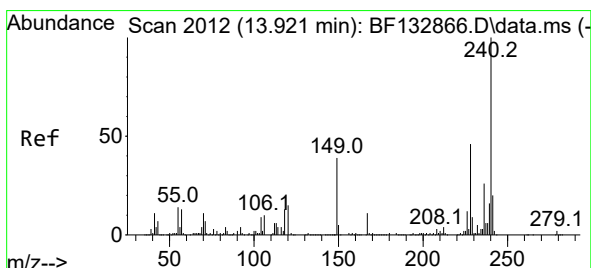
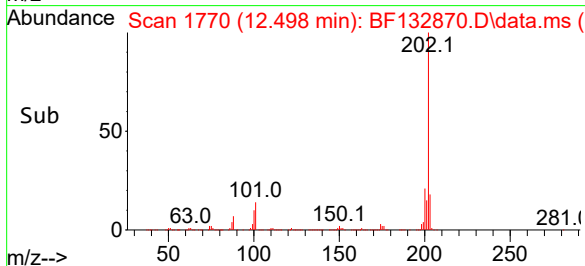
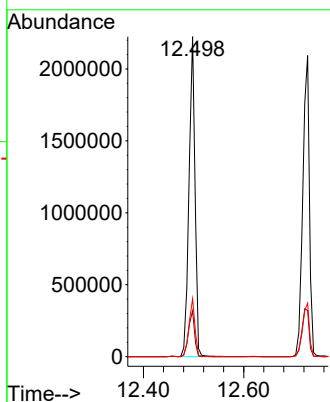
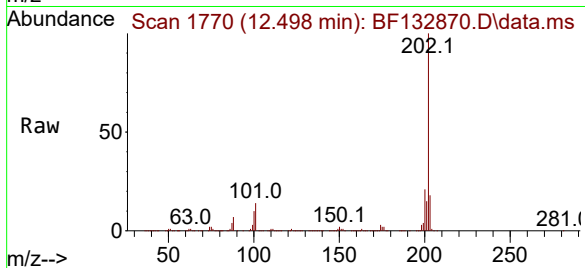
Tgt Ion:202 Resp: 1856009

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.0

203 18.1 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.922 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

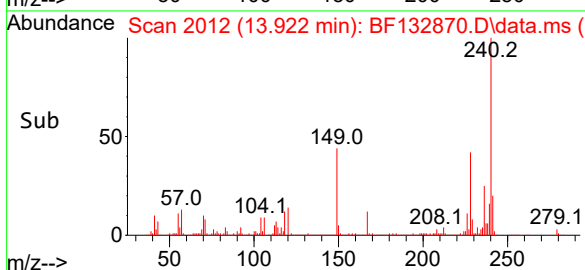
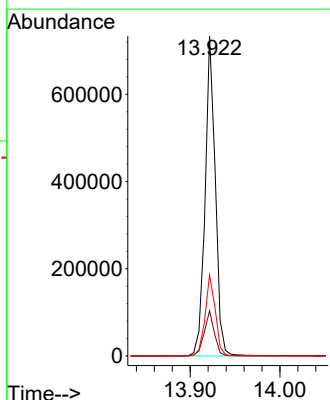
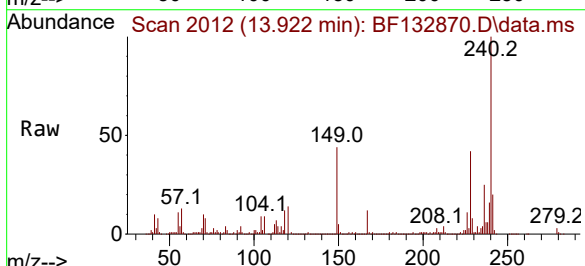
Tgt Ion:240 Resp: 581321

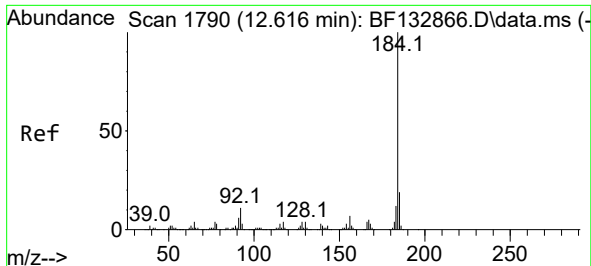
Ion Ratio Lower Upper

240 100

120 14.2 11.8 17.8

236 25.4 20.9 31.3

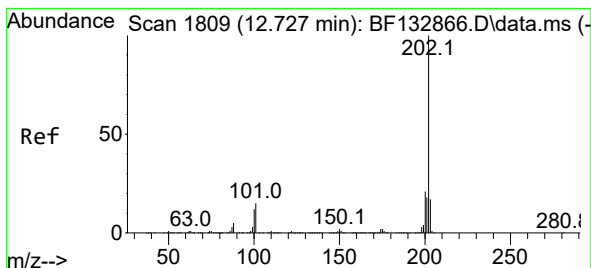
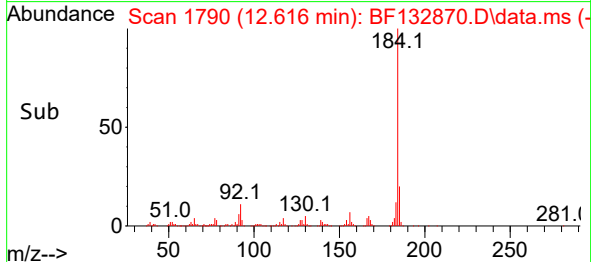
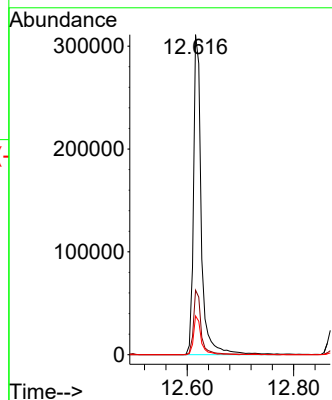
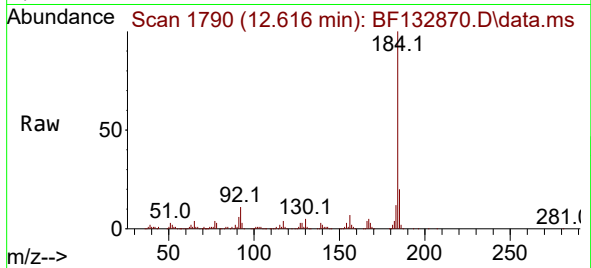




#77
Benzidine
Concen: 43.067 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

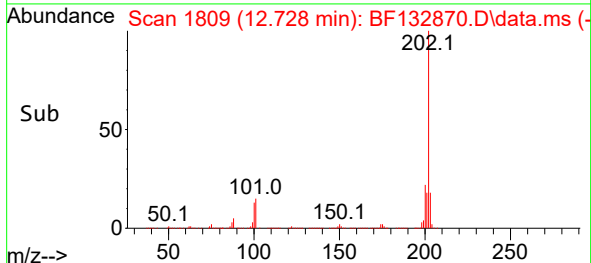
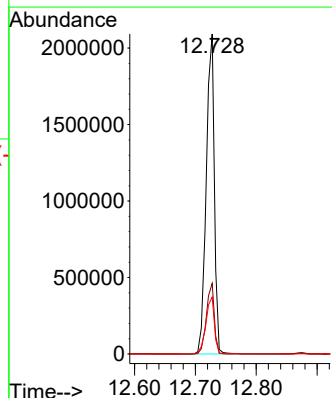
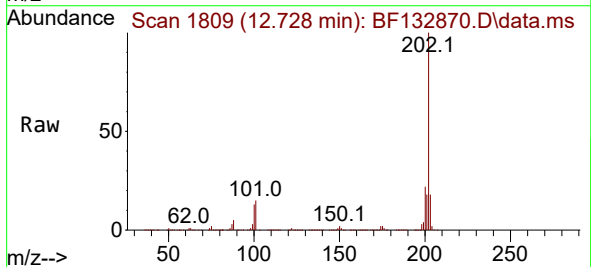
Instrument :
BNA_F
ClientSampleId :
ICVBF041223

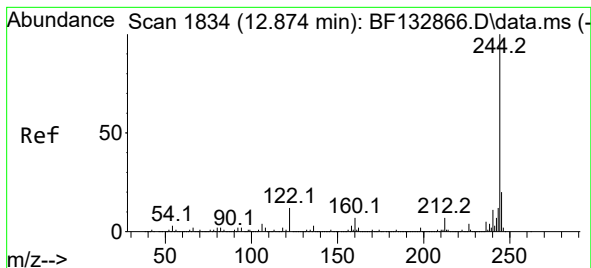
Tgt Ion:184 Resp: 318740
Ion Ratio Lower Upper
184 100
185 20.1 15.6 23.4
183 12.1 9.5 14.3



#78
Pyrene
Concen: 39.658 ng
RT: 12.728 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion:202 Resp: 1924426
Ion Ratio Lower Upper
202 100
200 22.1 16.9 25.3
203 17.8 13.8 20.8





#79

Terphenyl-d14

Concen: 79.274 ng

RT: 12.875 min Scan# 1834

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

Instrument :

BNA_F

ClientSampleId :

ICVBF041223

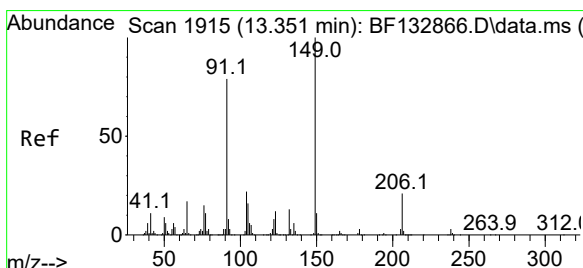
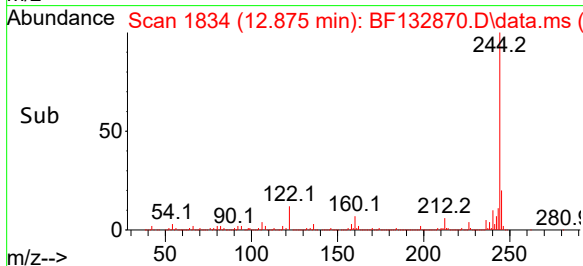
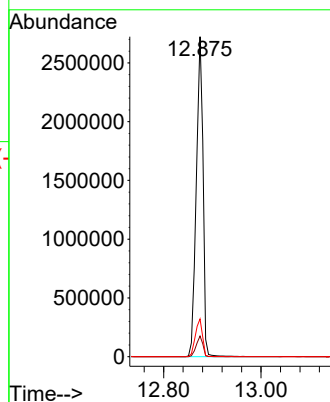
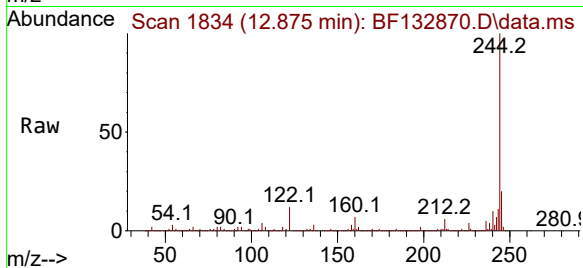
Tgt Ion:244 Resp: 2641995

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

122 11.8 9.5 14.3



#80

Butylbenzylphthalate

Concen: 48.394 ng

RT: 13.351 min Scan# 1915

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

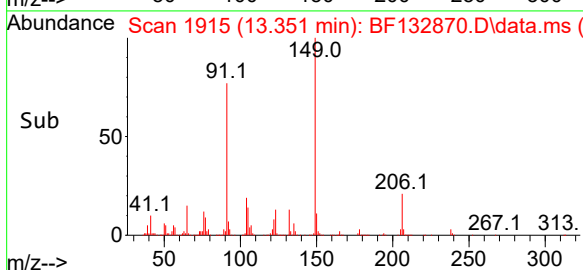
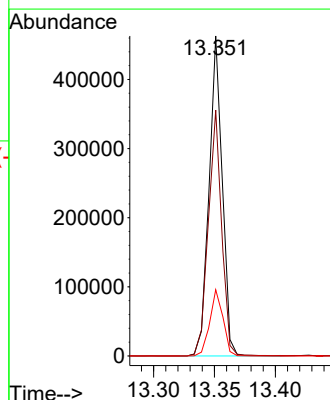
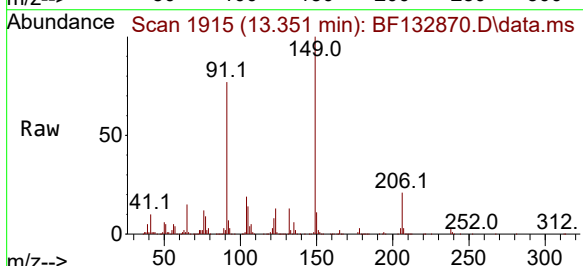
Tgt Ion:149 Resp: 349445

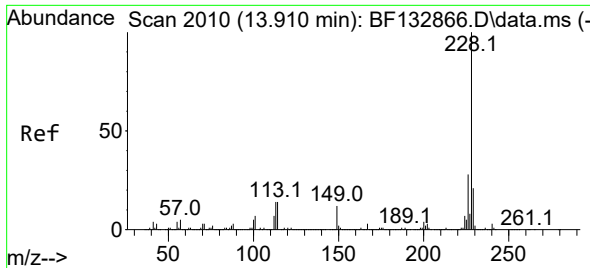
Ion Ratio Lower Upper

149 100

91 76.8 63.2 94.8

206 20.7 16.6 25.0

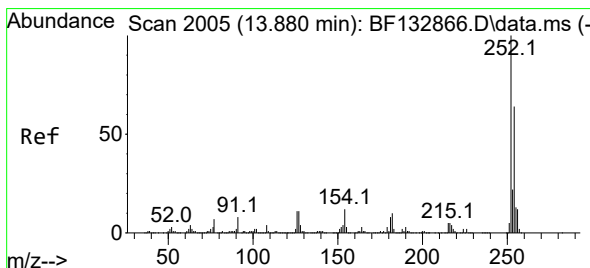
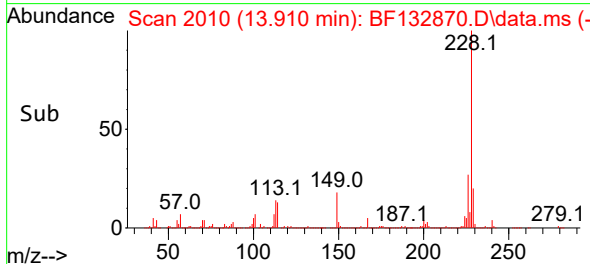
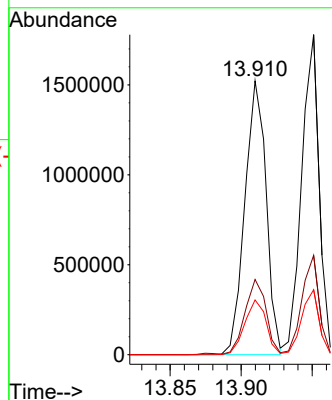
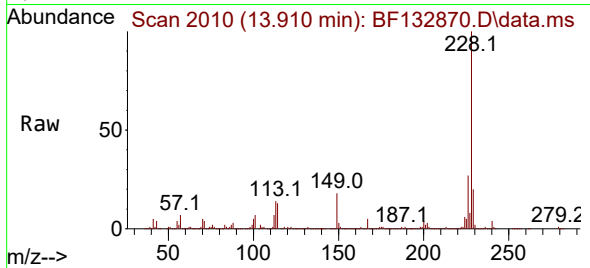




#81
Benzo(a)anthracene
Concen: 39.595 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

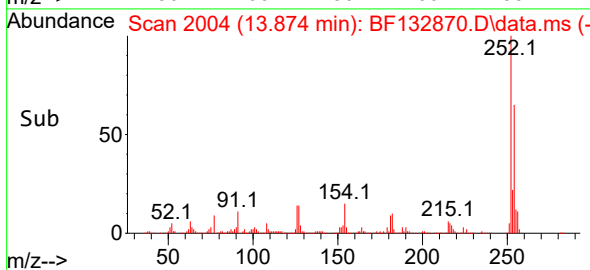
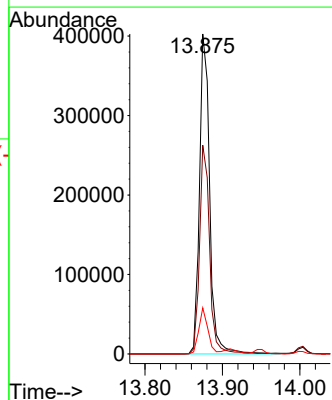
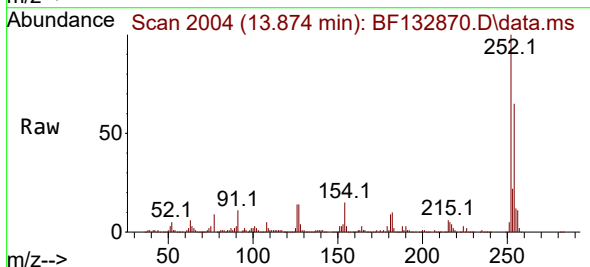
Instrument :
BNA_F
ClientSampleId :
ICVBF041223

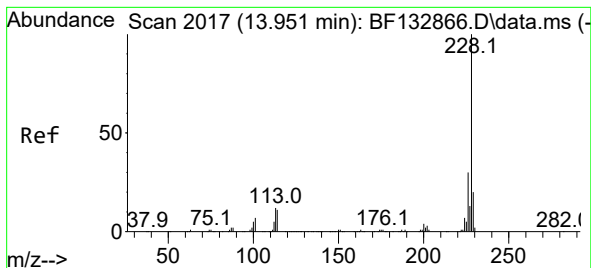
Tgt Ion:228 Resp: 1584883
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.2
229 20.0 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 42.075 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion:252 Resp: 366716
Ion Ratio Lower Upper
252 100
254 65.3 51.4 77.2
126 14.4 8.7 13.1#





#83

Chrysene

Concen: 39.200 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

Instrument :

BNA_F

ClientSampleId :

ICVBF041223

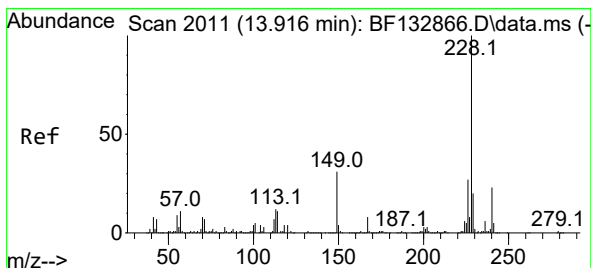
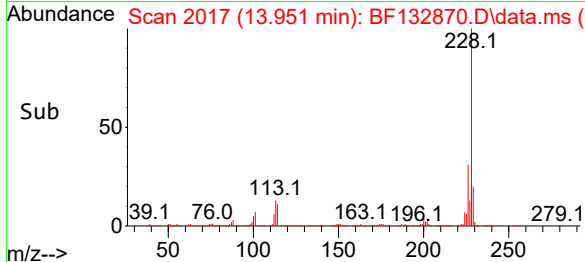
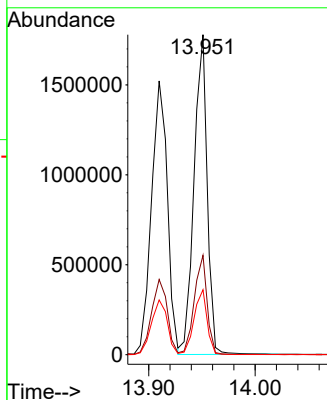
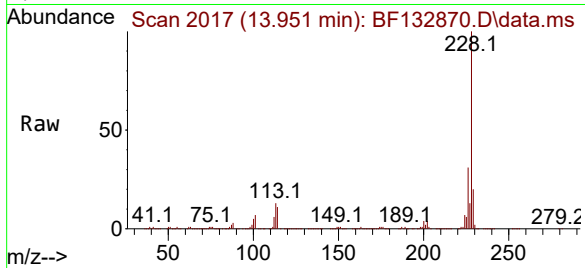
Tgt Ion:228 Resp: 1530002

Ion Ratio Lower Upper

228 100

226 31.1 23.8 35.8

229 20.3 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.358 ng

RT: 13.916 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

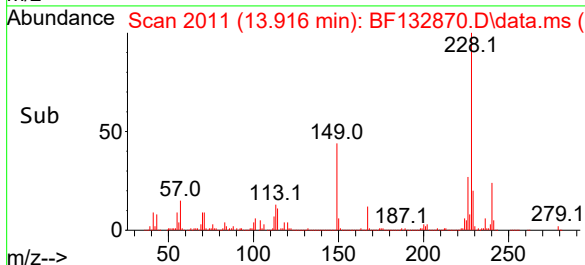
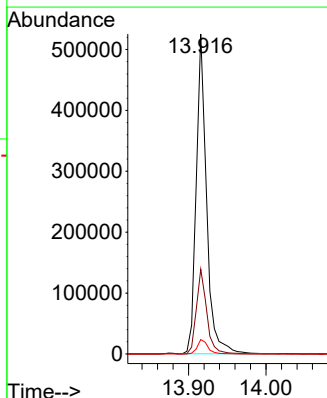
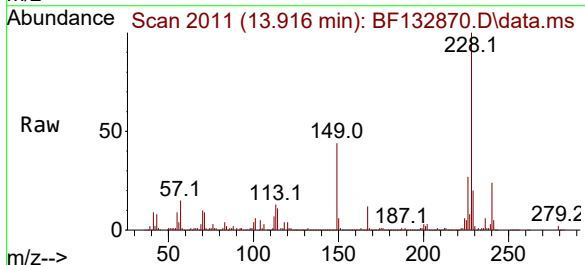
Tgt Ion:149 Resp: 486929

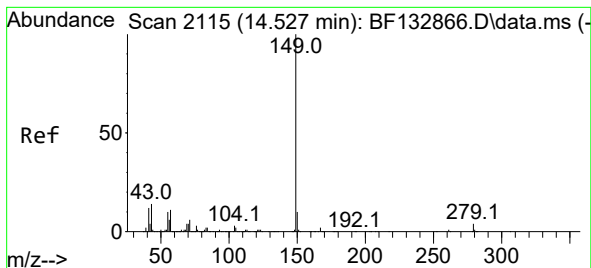
Ion Ratio Lower Upper

149 100

167 26.5 21.6 32.4

279 4.5 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 47.290 ng

RT: 14.527 min Scan# 2115

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

Instrument :

BNA_F

ClientSampleId :

ICVBF041223

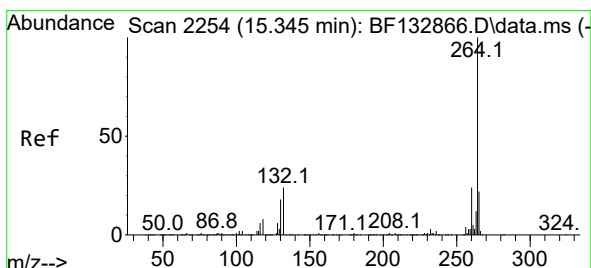
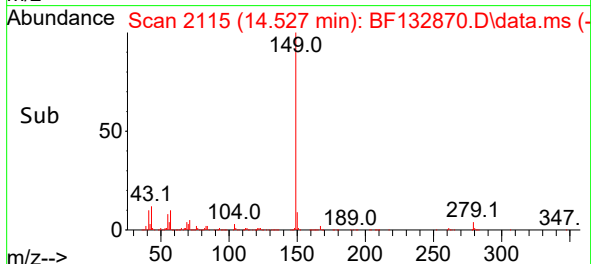
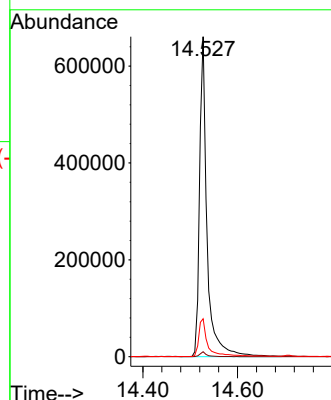
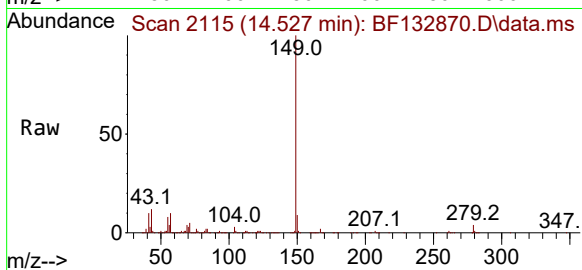
Tgt Ion:149 Resp: 722864

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 14.3 13.5 20.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.345 min Scan# 2254

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

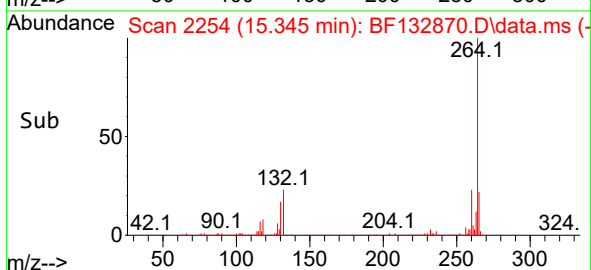
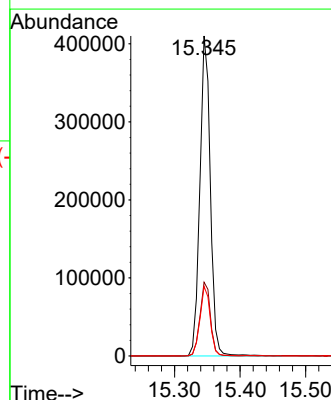
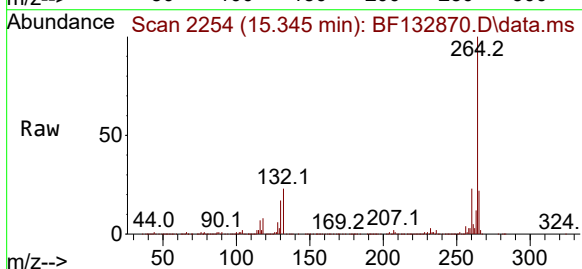
Tgt Ion:264 Resp: 455246

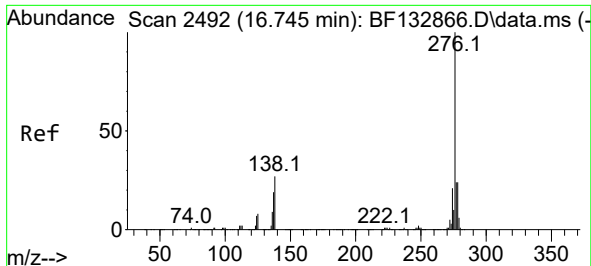
Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

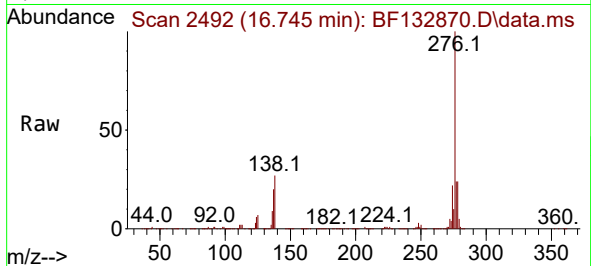
265 21.7 17.6 26.4



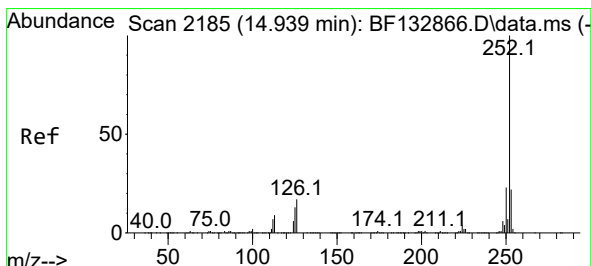
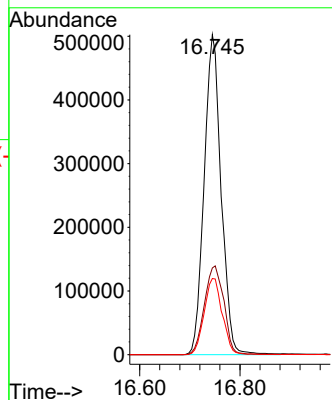
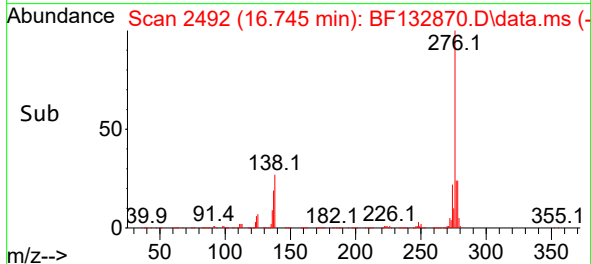


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.260 ng
 RT: 16.745 min Scan# 2492
 Delta R.T. -0.000 min
 Lab File: BF132870.D
 Acq: 12 Apr 2023 20:32

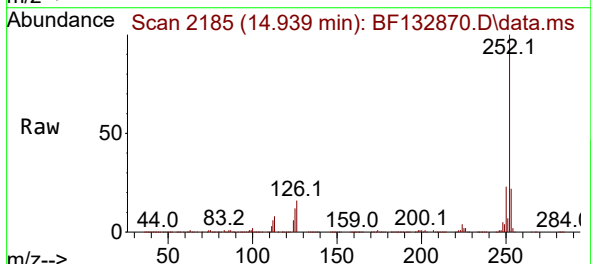
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041223



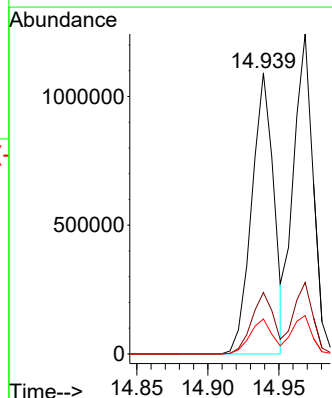
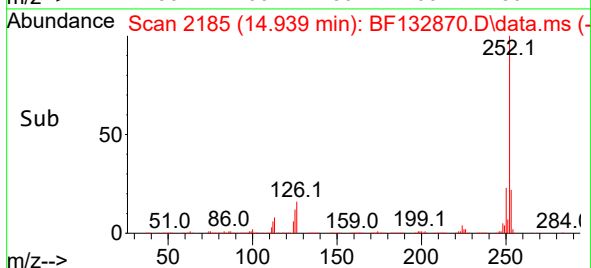
Tgt Ion:276 Resp: 1182821
 Ion Ratio Lower Upper
 276 100
 138 31.8 26.0 39.0
 277 25.4 20.4 30.6

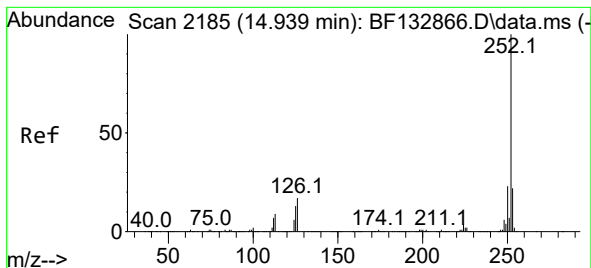


#88
 Benzo(b)fluoranthene
 Concen: 40.942 ng
 RT: 14.939 min Scan# 2185
 Delta R.T. 0.000 min
 Lab File: BF132870.D
 Acq: 12 Apr 2023 20:32



Tgt Ion:252 Resp: 1180866
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.7 26.5
 125 12.5 10.2 15.2





#89

Benzo(k)fluoranthene

Concen: 41.236 ng

RT: 14.969 min Scan# 2185

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

Instrument :

BNA_F

ClientSampleId :

ICVBF041223

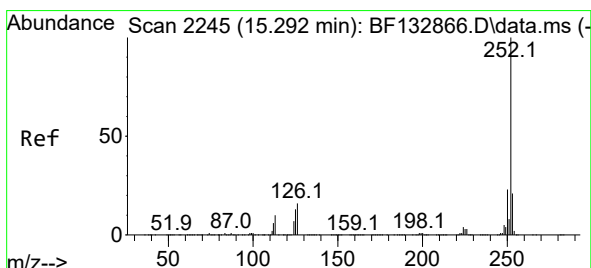
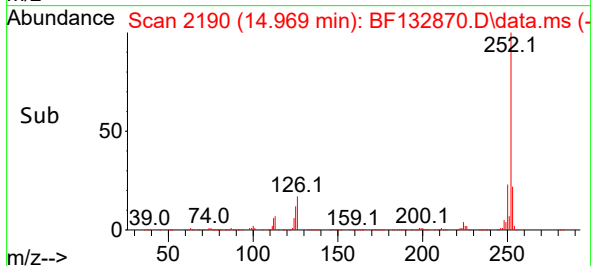
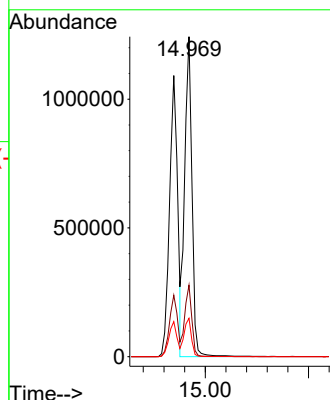
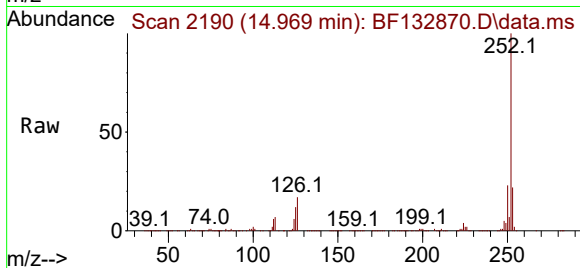
Tgt Ion:252 Resp: 1219622

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 12.0 10.2 15.4



#90

Benzo(a)pyrene

Concen: 41.241 ng

RT: 15.292 min Scan# 2245

Delta R.T. 0.000 min

Lab File: BF132870.D

Acq: 12 Apr 2023 20:32

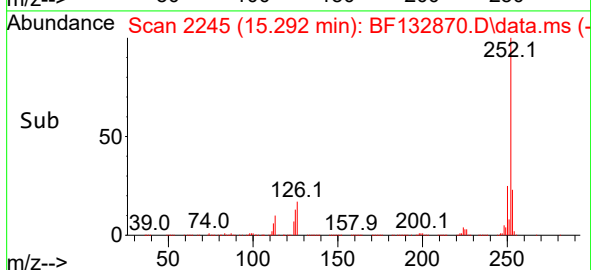
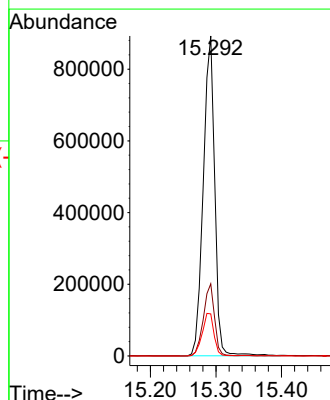
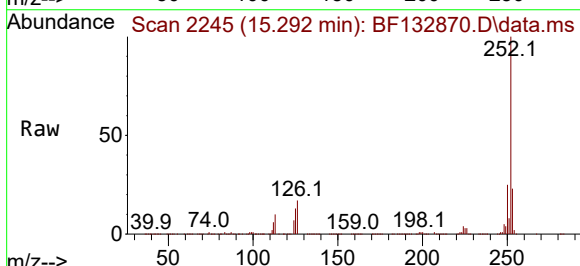
Tgt Ion:252 Resp: 1085789

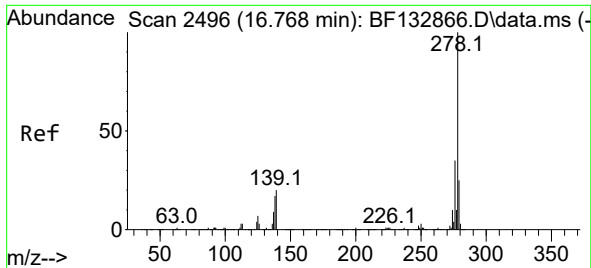
Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

125 13.1 10.2 15.4

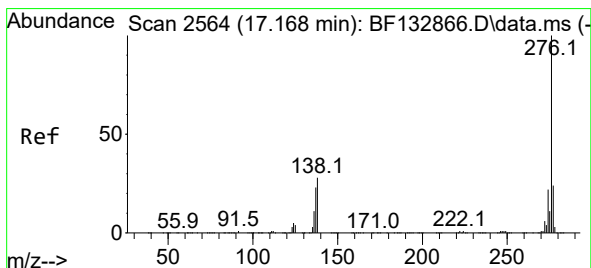
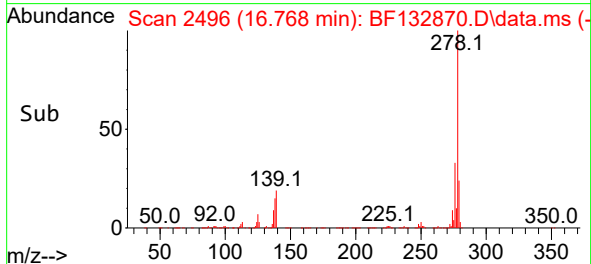
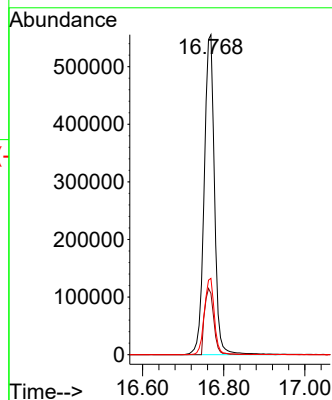
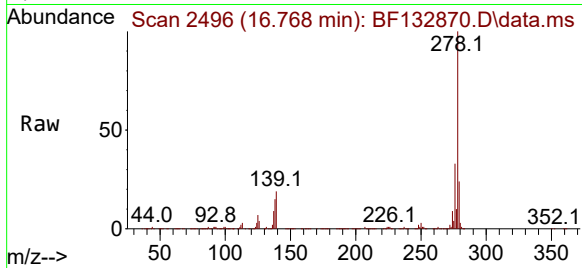




#91
Dibenzo(a,h)anthracene
Concen: 40.550 ng
RT: 16.768 min Scan# 2496
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Instrument :
BNA_F
ClientSampleId :
ICVBF041223

Tgt Ion:278 Resp: 977917
Ion Ratio Lower Upper
278 100
139 19.2 16.3 24.5
279 23.9 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 39.537 ng
RT: 17.168 min Scan# 2564
Delta R.T. 0.000 min
Lab File: BF132870.D
Acq: 12 Apr 2023 20:32

Tgt Ion:276 Resp: 983831
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 28.0 22.2 33.4

