

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041723\
 Data File : BF132892.D
 Acq On : 17 Apr 2023 16:35
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041723

Quant Time: Apr 18 04:56:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	305790	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	1177891	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	589649	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	1029235	20.000	ng	0.00
76) Chrysene-d12	13.927	240	682433	20.000	ng	0.00
86) Perylene-d12	15.351	264	692912	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1614144	82.540	ng	0.00
7) Phenol-d6	6.398	99	2064907	82.748	ng	0.00
23) Nitrobenzene-d5	7.333	82	1862464	82.419	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	513324	86.795	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	3030721	78.960	ng	0.00
79) Terphenyl-d14	12.874	244	3254088	81.352	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.451	88	389870	40.857	ng	99
3) Pyridine	3.157	79	1091458	41.822	ng	98
4) n-Nitrosodimethylamine	3.116	42	517899	41.764	ng	100
6) Aniline	6.434	93	1383532	41.807	ng	99
8) 2-Chlorophenol	6.551	128	822030	41.434	ng	99
9) Benzaldehyde	6.310	77	571690	38.720	ng	95
10) Phenol	6.410	94	1155487	41.182	ng	99
11) bis(2-Chloroethyl)ether	6.504	93	870023	41.058	ng	100
12) 1,3-Dichlorobenzene	6.710	146	882112	40.452	ng	99
13) 1,4-Dichlorobenzene	6.786	146	891530	40.802	ng	98
14) 1,2-Dichlorobenzene	6.939	146	820018	40.194	ng	99
15) Benzyl Alcohol	6.910	79	743151	43.454	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	1515536	41.334	ng	100
17) 2-Methylphenol	7.022	107	756306	41.621	ng	99
18) Hexachloroethane	7.281	117	314069	41.417	ng	100
19) n-Nitroso-di-n-propyla...	7.192	70	646754	41.522	ng	99
20) 3+4-Methylphenols	7.175	107	890060	41.441	ng	98
22) Acetophenone	7.181	105	1100998	39.845	ng	99
24) Nitrobenzene	7.351	77	959108	41.409	ng	98
25) Isophorone	7.592	82	1747408	40.767	ng	99
26) 2-Nitrophenol	7.669	139	414946	47.489	ng	100
27) 2,4-Dimethylphenol	7.710	122	734496	41.209	ng	99
28) bis(2-Chloroethoxy)met...	7.804	93	1036811	40.457	ng	99
29) 2,4-Dichlorophenol	7.910	162	691437	41.677	ng	100
30) 1,2,4-Trichlorobenzene	7.992	180	730885	40.802	ng	98
31) Naphthalene	8.075	128	2397778	40.283	ng	100
32) Benzoic acid	7.822	122	297214	33.253	ng	98
33) 4-Chloroaniline	8.122	127	998787	40.969	ng	99
34) Hexachlorobutadiene	8.198	225	421322	41.113	ng	99
35) Caprolactam	8.498	113	220971	44.726	ng	95
36) 4-Chloro-3-methylphenol	8.598	107	723280	41.536	ng	99
37) 2-Methylnaphthalene	8.763	142	1639222	40.011	ng	99
38) 1-Methylnaphthalene	8.863	142	1549569	40.592	ng	100
40) 1,2,4,5-Tetrachloroben...	8.933	216	686248	41.147	ng	100
41) Hexachlorocyclopentadiene	8.922	237	395971	45.045	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	457611	43.284	ng	99

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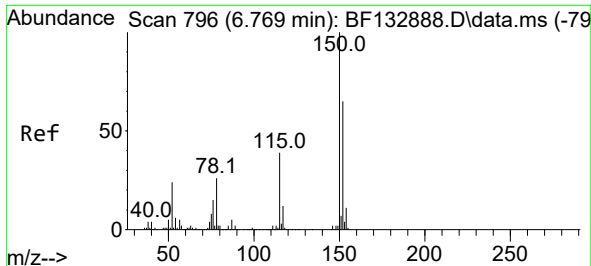
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	525955	42.544	ng	98
46) 1,1'-Biphenyl	9.233	154	1906625	40.789	ng	99
47) 2-Chloronaphthalene	9.257	162	1411470	40.804	ng	99
48) 2-Nitroaniline	9.345	65	461945	46.162	ng	99
49) Acenaphthylene	9.669	152	2250429	40.790	ng	100
50) Dimethylphthalate	9.533	163	1676675	41.129	ng	100
51) 2,6-Dinitrotoluene	9.592	165	387333	43.336	ng	96
52) Acenaphthene	9.839	154	1458863	41.034	ng	99
53) 3-Nitroaniline	9.757	138	445988	43.849	ng	99
54) 2,4-Dinitrophenol	9.857	184	165341	47.488	ng	92
55) Dibenzofuran	10.016	168	2043622	40.515	ng	96
56) 4-Nitrophenol	9.904	139	339754	44.969	ng	89
57) 2,4-Dinitrotoluene	9.992	165	497080	45.061	ng	94
58) Fluorene	10.357	166	1475794	39.941	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	417670	43.532	ng	99
60) Diethylphthalate	10.233	149	1612863	42.339	ng	100
61) 4-Chlorophenyl-phenyle...	10.345	204	757648	40.313	ng	92
62) 4-Nitroaniline	10.374	138	427936	43.775	ng	98
63) Azobenzene	10.510	77	1741494	40.926	ng	99
65) 4,6-Dinitro-2-methylph...	10.398	198	226378	45.927	ng	98
66) n-Nitrosodiphenylamine	10.469	169	1357212	40.489	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	487793	41.504	ng	98
68) Hexachlorobenzene	10.904	284	495262	40.618	ng	99
69) Atrazine	10.992	200	406596	43.397	ng	98
70) Pentachlorophenol	11.092	266	348418	44.281	ng	99
71) Phenanthrene	11.316	178	2209353	39.908	ng	100
72) Anthracene	11.363	178	2289837	40.405	ng	100
73) Carbazole	11.516	167	1990857	40.600	ng	100
74) Di-n-butylphthalate	11.857	149	2341517	44.543	ng	100
75) Fluoranthene	12.498	202	2256633	40.990	ng	100
77) Benzidine	12.616	184	500019	47.036	ng	99
78) Pyrene	12.727	202	2278872	40.839	ng	100
80) Butylbenzylphthalate	13.351	149	597687	44.771	ng	99
81) Benzo(a)anthracene	13.915	228	1938465	41.768	ng	100
82) 3,3'-Dichlorobenzidine	13.880	252	520492	46.363	ng	98
83) Chrysene	13.951	228	1871634	40.574	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	909152	51.506	ng	99
85) Di-n-octyl phthalate	14.533	149	1708764	44.999	ng	97
87) Indeno(1,2,3-cd)pyrene	16.751	276	1658333	41.884	ng	100
88) Benzo(b)fluoranthene	14.945	252	1757514	40.719	ng	99
89) Benzo(k)fluoranthene	14.974	252	1829775	42.557	ng	99
90) Benzo(a)pyrene	15.298	252	1674327	42.461	ng	99
91) Dibenzo(a,h)anthracene	16.774	278	1399415	41.481	ng	98
92) Benzo(g,h,i)perylene	17.174	276	1299731	40.238	ng	99

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

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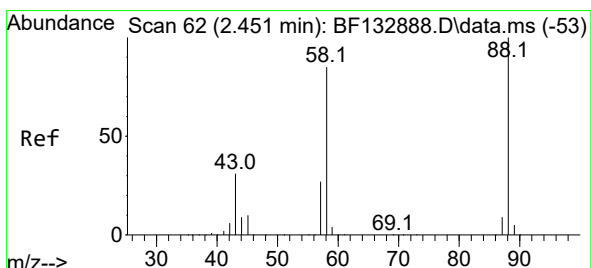
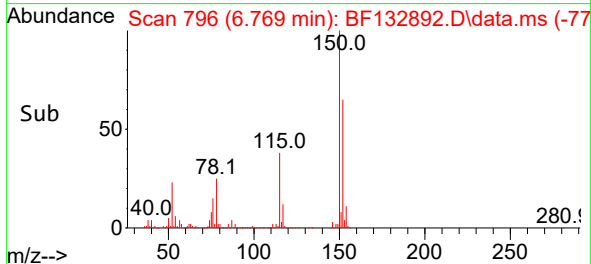
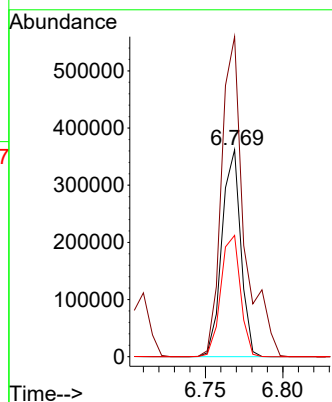
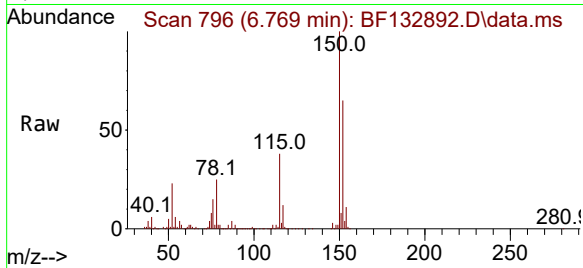




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF132892.D
 Acq: 17 Apr 2023 16:35

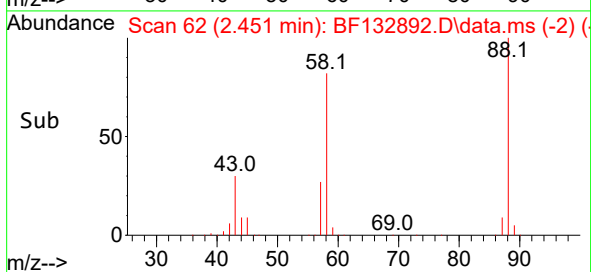
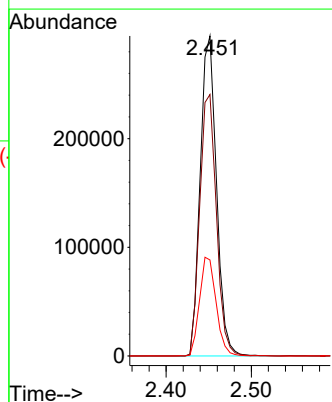
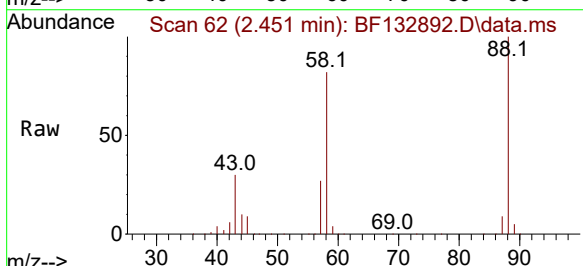
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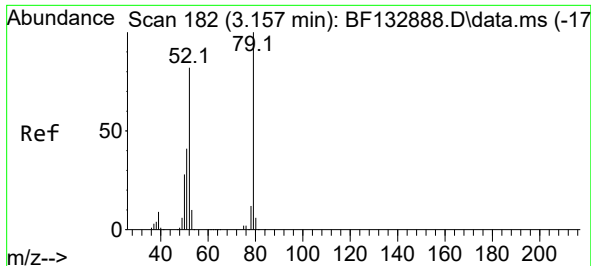
Tgt Ion:152 Resp: 305790
 Ion Ratio Lower Upper
 152 100
 150 154.6 122.8 184.2
 115 58.7 47.3 70.9



#2
 1,4-Dioxane
 Concen: 40.857 ng
 RT: 2.451 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: BF132892.D
 Acq: 17 Apr 2023 16:35

Tgt Ion: 88 Resp: 389870
 Ion Ratio Lower Upper
 88 100
 58 84.1 67.8 101.6
 43 31.6 25.4 38.0

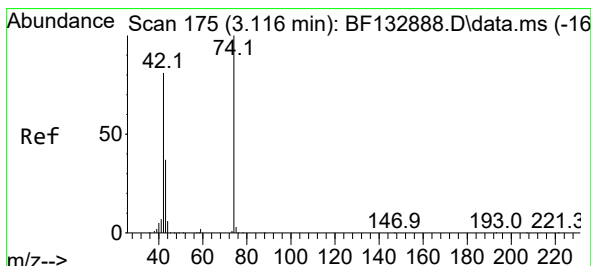
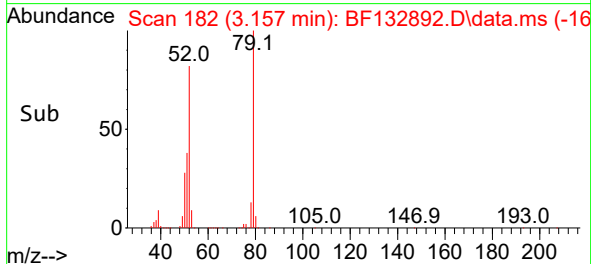
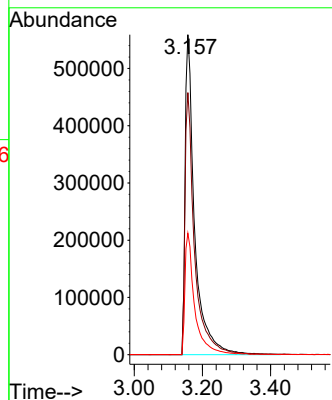
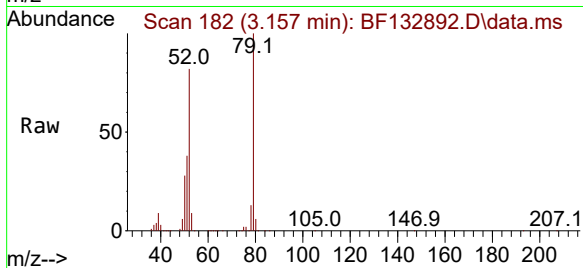




#3
Pyridine
Concen: 41.822 ng
RT: 3.157 min Scan# 182
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

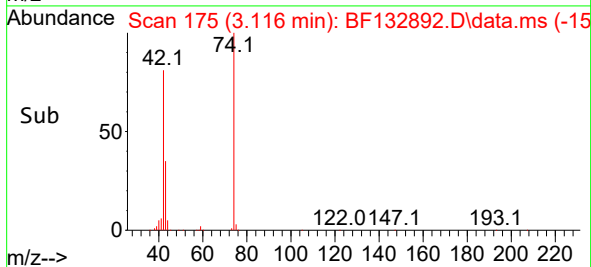
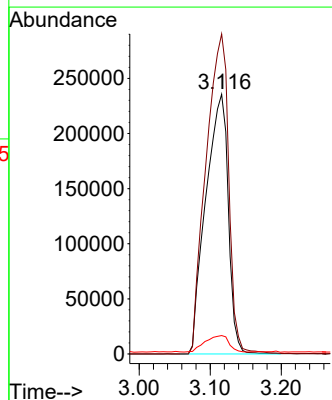
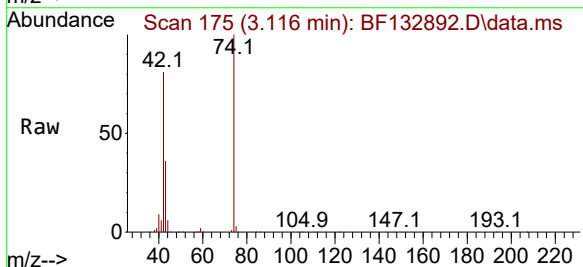
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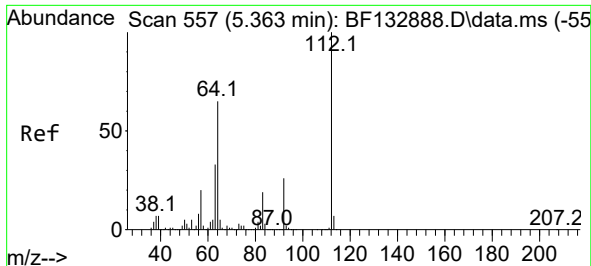
Tgt Ion: 79 Resp: 1091458
Ion Ratio Lower Upper
79 100
52 81.9 65.4 98.0
51 37.9 32.6 48.8



#4
n-Nitrosodimethylamine
Concen: 41.764 ng
RT: 3.116 min Scan# 175
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion: 42 Resp: 517899
Ion Ratio Lower Upper
42 100
74 123.2 98.4 147.6
44 7.1 6.1 9.1

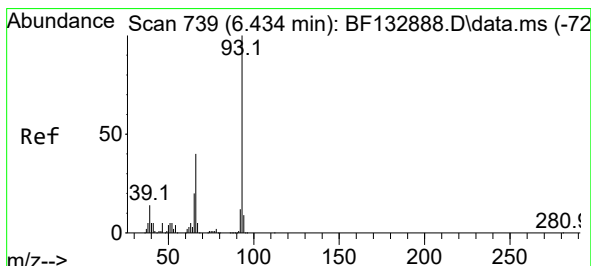
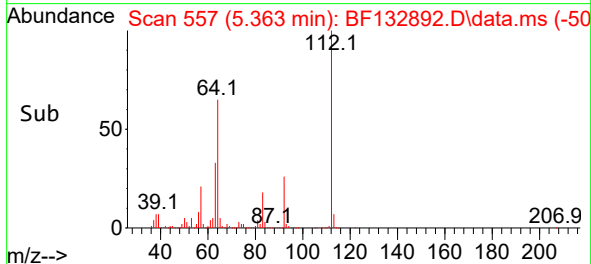
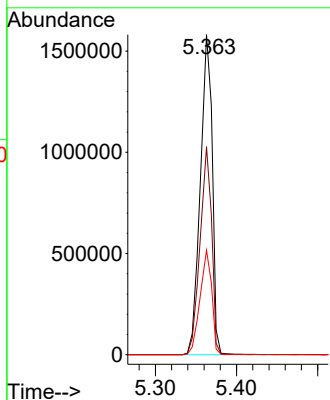
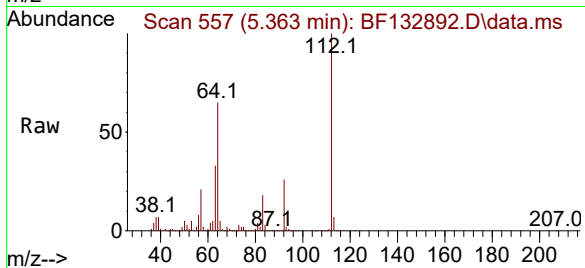




#5
2-Fluorophenol
Concen: 82.540 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

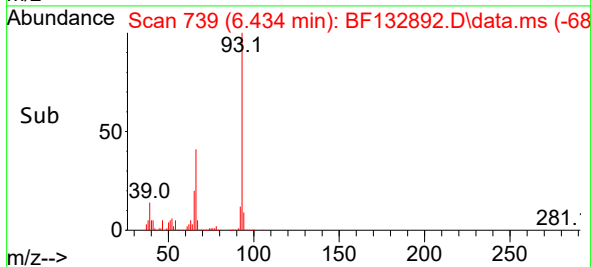
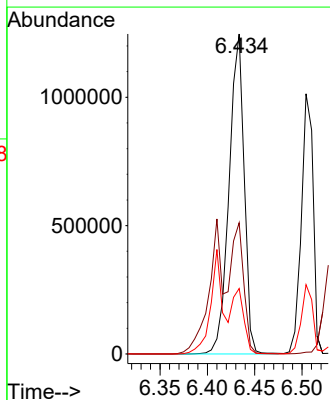
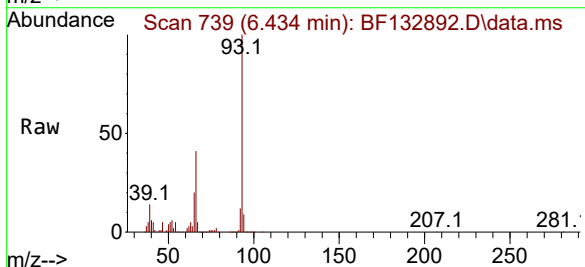
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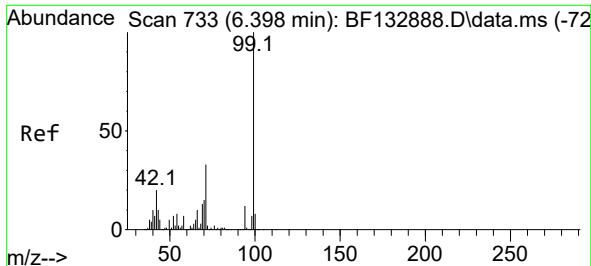
Tgt Ion:112 Resp: 1614144
Ion Ratio Lower Upper
112 100
64 65.0 51.8 77.8
63 32.6 26.3 39.5



#6
Aniline
Concen: 41.807 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion: 93 Resp: 1383532
Ion Ratio Lower Upper
93 100
66 41.0 31.8 47.6
65 20.4 16.3 24.5

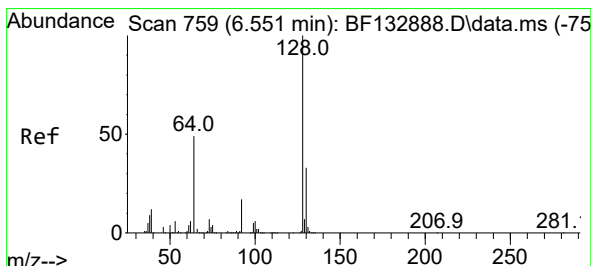
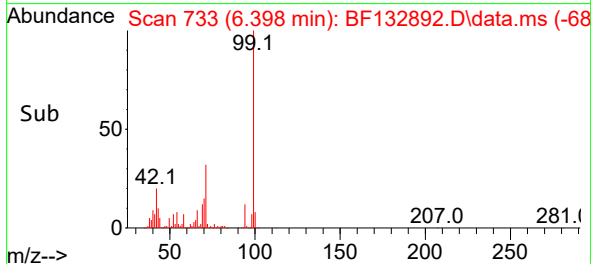
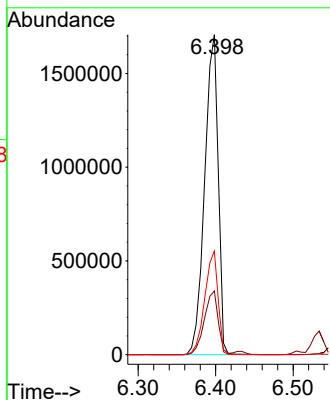
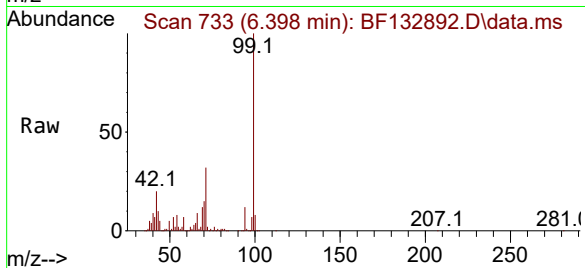




#7
Phenol-d6
Concen: 82.748 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

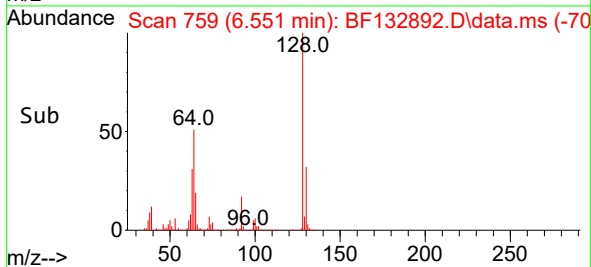
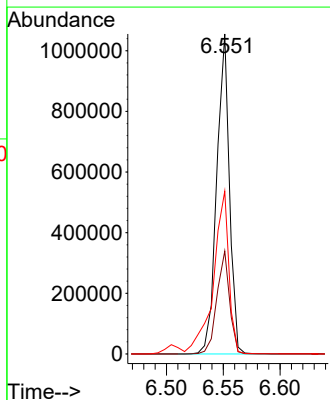
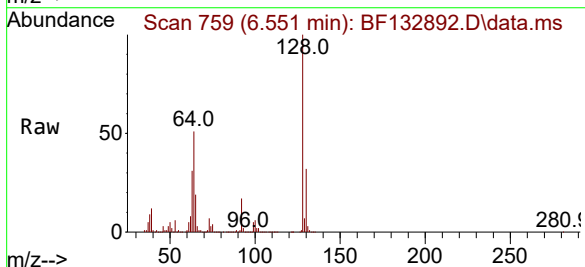
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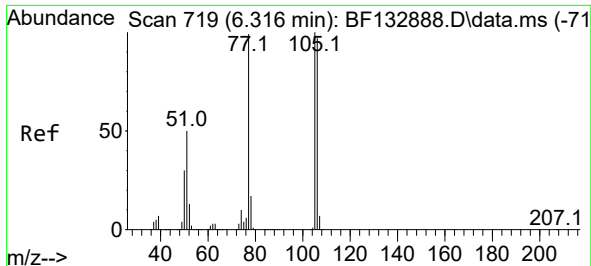
Tgt Ion: 99 Resp: 2064907
Ion Ratio Lower Upper
99 100
42 19.9 16.1 24.1
71 32.4 26.1 39.1



#8
2-Chlorophenol
Concen: 41.434 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion: 128 Resp: 822030
Ion Ratio Lower Upper
128 100
130 32.2 13.2 53.2
64 50.8 30.9 70.9

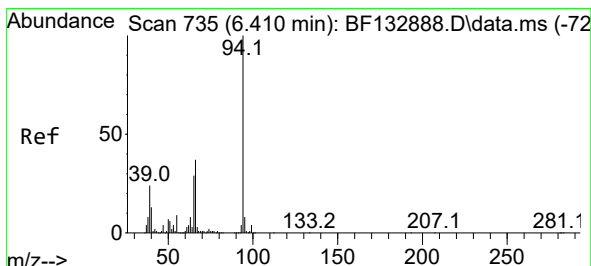
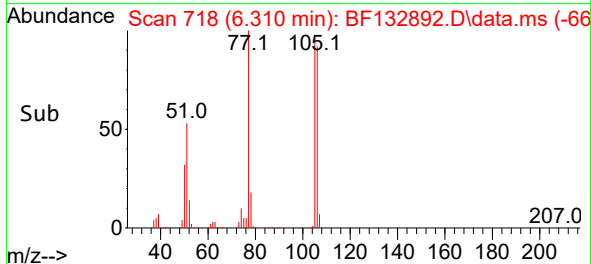
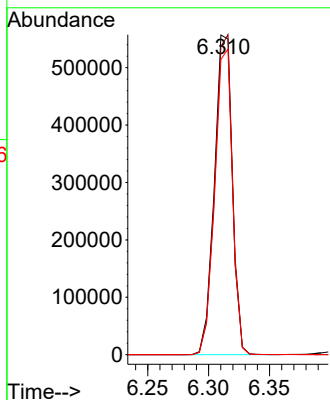
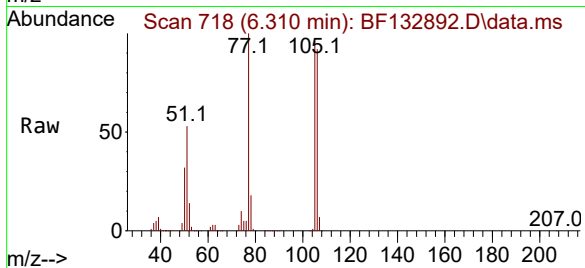




#9
Benzaldehyde
Concen: 38.720 ng
RT: 6.310 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

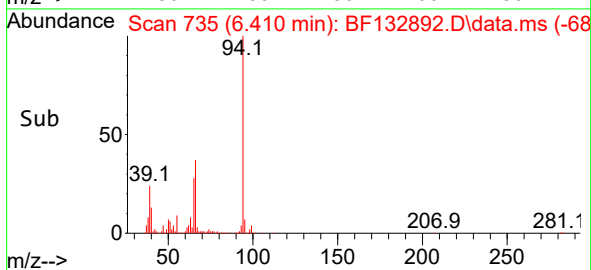
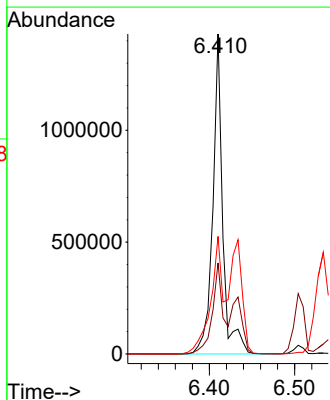
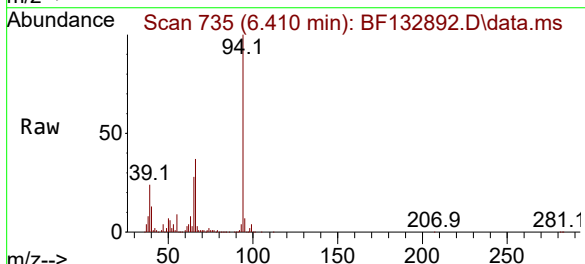
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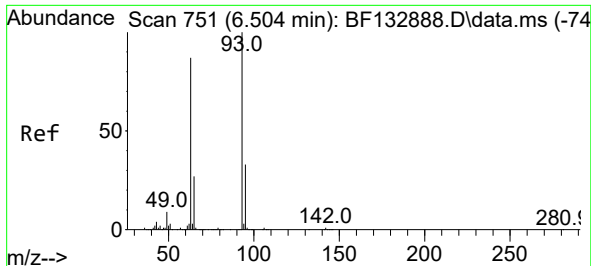
Tgt Ion: 77 Resp: 571690
Ion Ratio Lower Upper
77 100
105 96.3 80.8 120.8
106 92.4 77.9 117.9



#10
Phenol
Concen: 41.182 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion: 94 Resp: 1155487
Ion Ratio Lower Upper
94 100
65 28.5 9.0 49.0
66 36.8 17.1 57.1

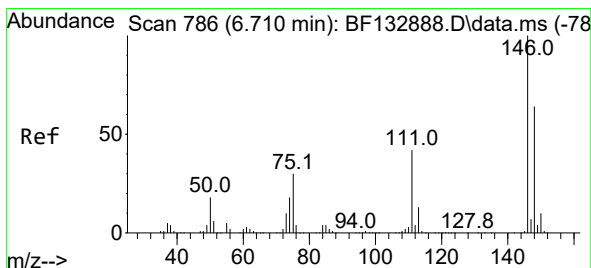
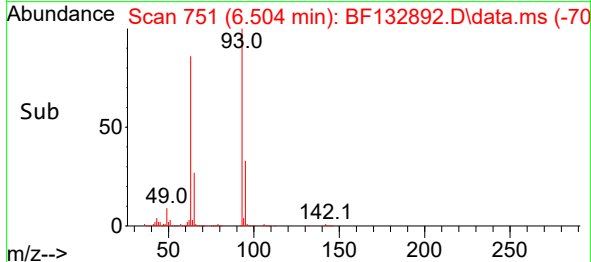
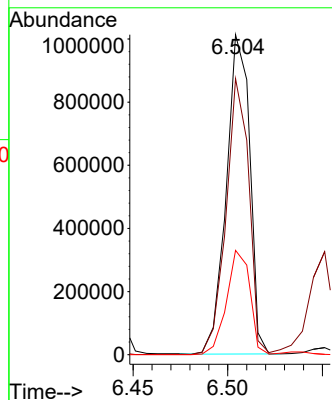
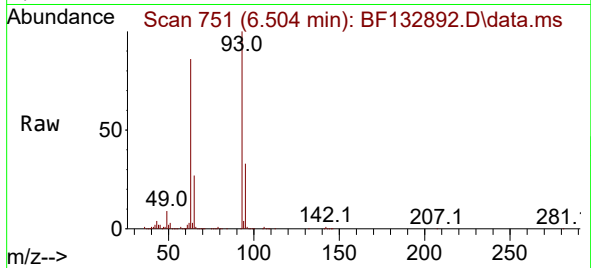




#11
bis(2-Chloroethyl)ether
Concen: 41.058 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

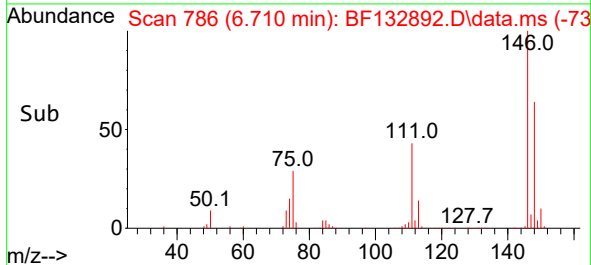
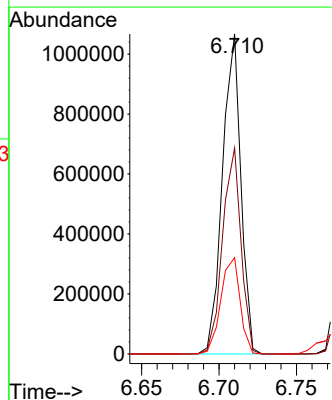
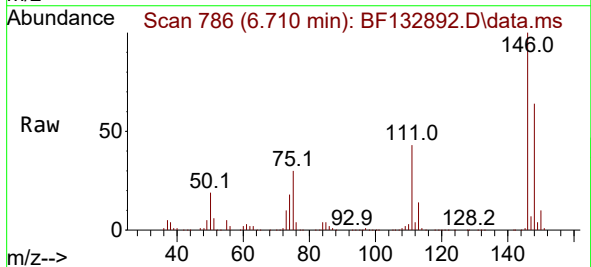
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

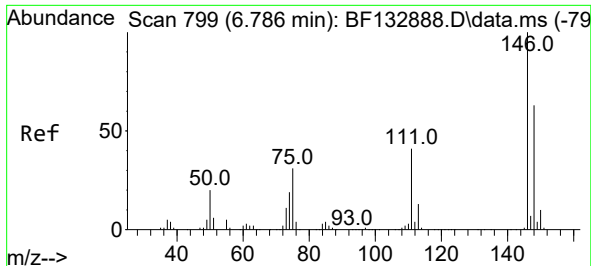
Tgt Ion: 93 Resp: 870023
Ion Ratio Lower Upper
93 100
63 86.3 66.7 106.7
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.452 ng
RT: 6.710 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion:146 Resp: 882112
Ion Ratio Lower Upper
146 100
148 64.4 51.1 76.7
75 30.1 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 40.802 ng

RT: 6.786 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF132892.D

Acq: 17 Apr 2023 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF041723

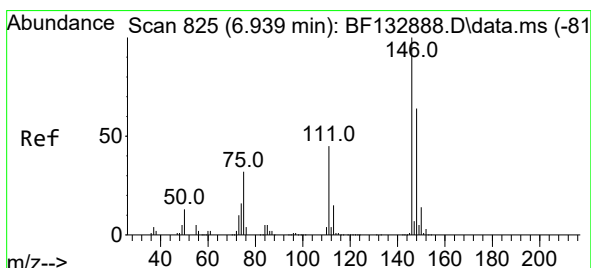
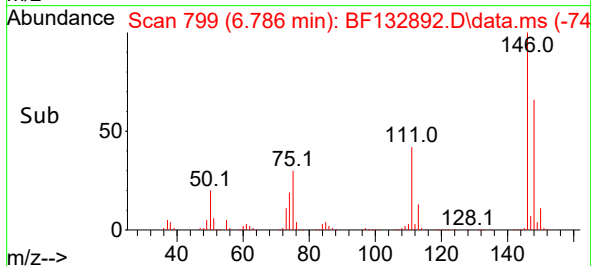
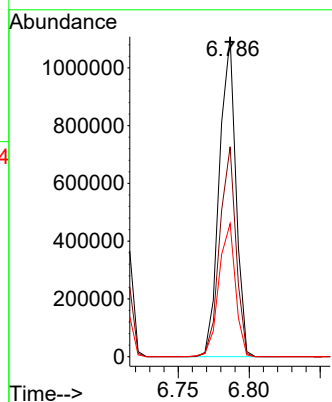
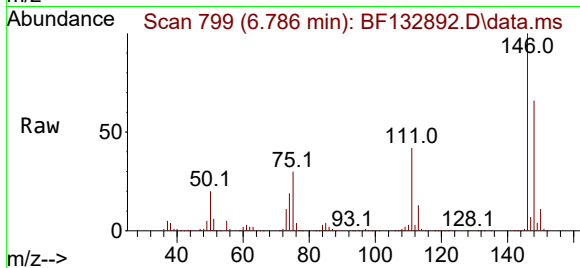
Tgt Ion:146 Resp: 891530

Ion Ratio Lower Upper

146 100

148 65.6 50.7 76.1

111 41.6 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 40.194 ng

RT: 6.939 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF132892.D

Acq: 17 Apr 2023 16:35

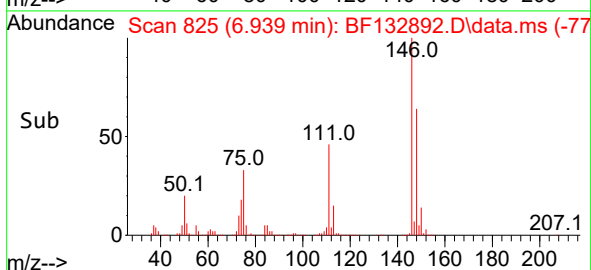
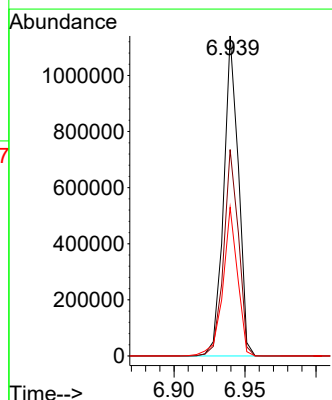
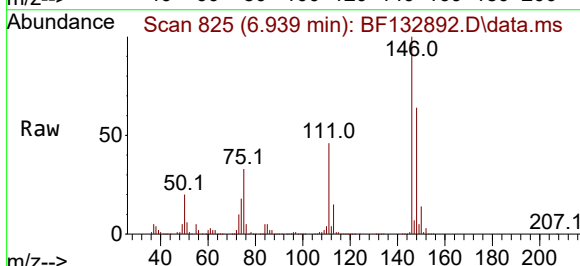
Tgt Ion:146 Resp: 820018

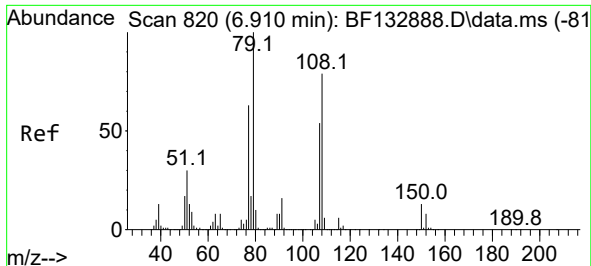
Ion Ratio Lower Upper

146 100

148 64.5 51.3 76.9

111 46.5 36.0 54.0

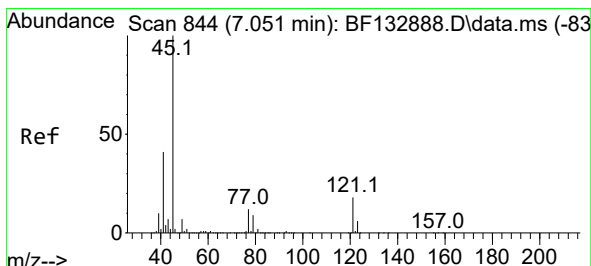
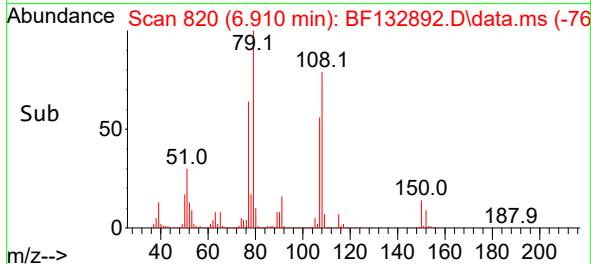
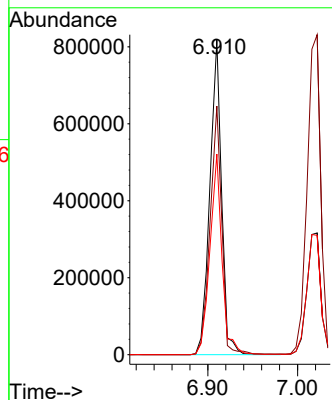
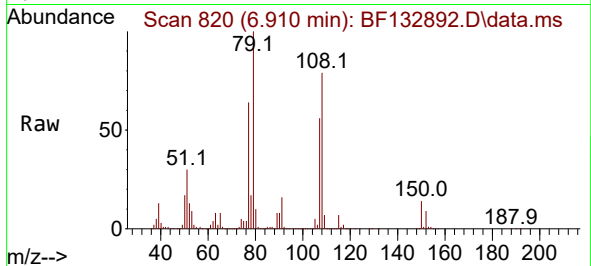




#15
Benzyl Alcohol
Concen: 43.454 ng
RT: 6.910 min Scan# 820
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

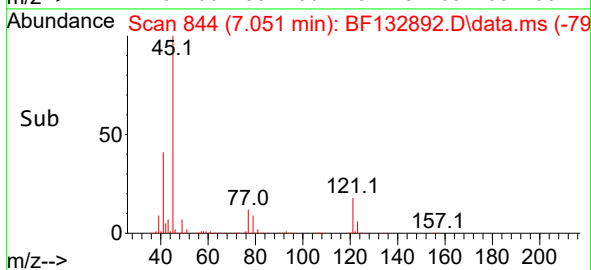
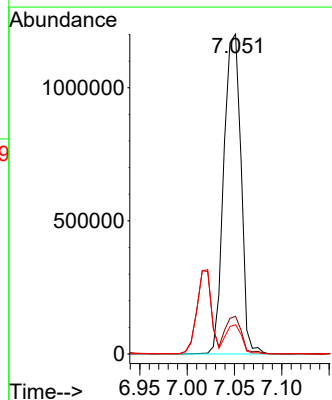
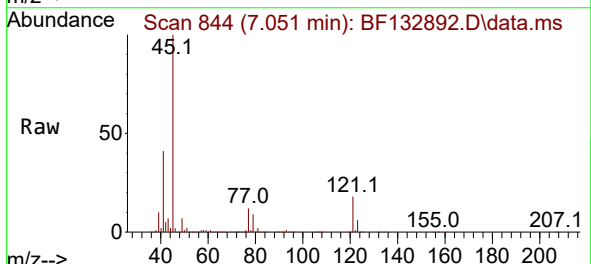
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

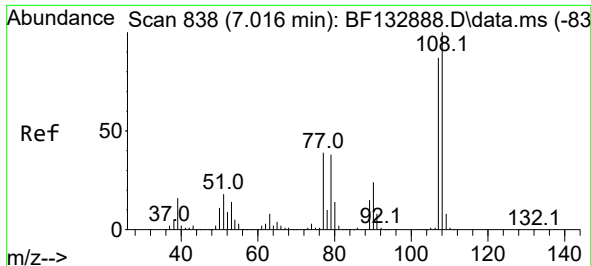
Tgt Ion: 79 Resp: 743151
Ion Ratio Lower Upper
79 100
108 79.0 63.0 94.6
77 63.7 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.334 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion: 45 Resp: 1515536
Ion Ratio Lower Upper
45 100
77 11.8 0.0 31.6
79 9.1 0.0 29.2

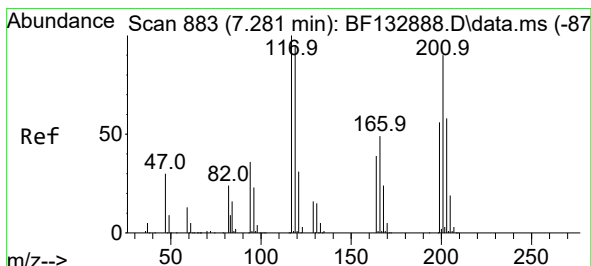
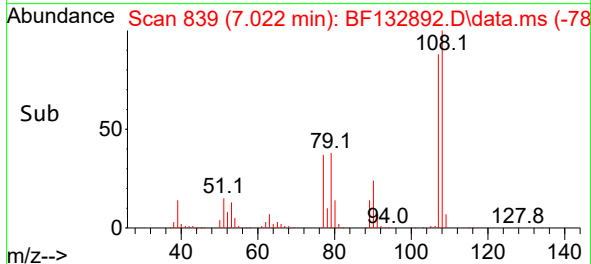
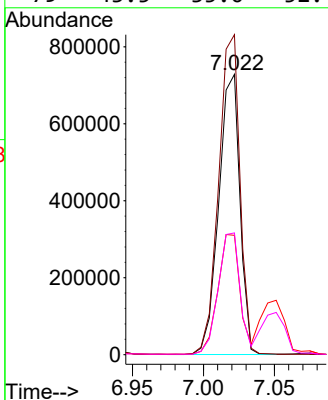
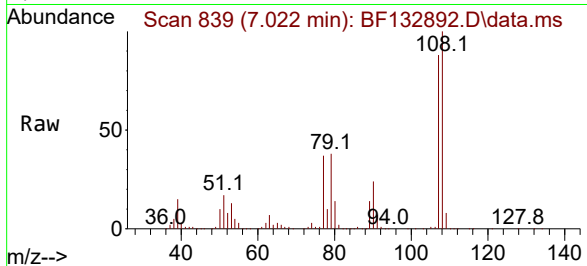




#17
2-Methylphenol
Concen: 41.621 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

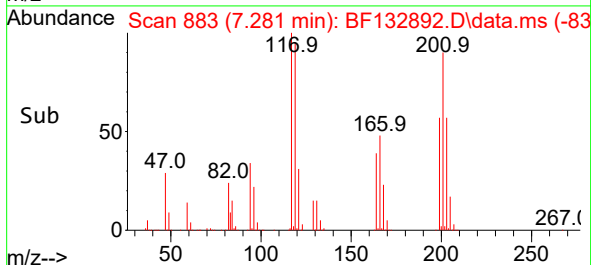
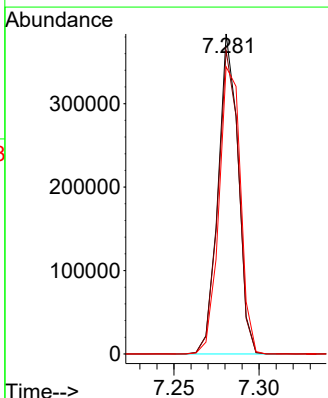
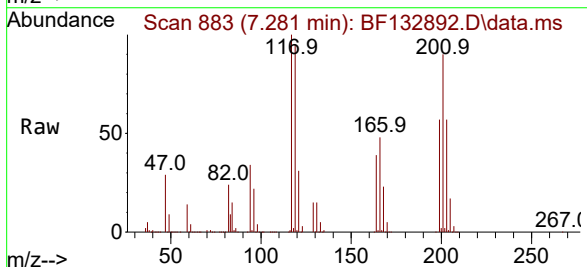
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

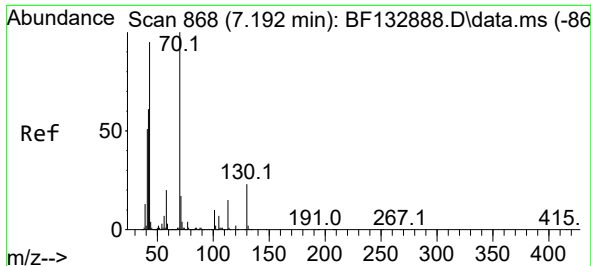
Tgt Ion:107 Resp: 756306
Ion Ratio Lower Upper
107 100
108 114.2 91.7 137.5
77 42.6 35.8 53.8
79 43.5 35.0 52.4



#18
Hexachloroethane
Concen: 41.417 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion:117 Resp: 314069
Ion Ratio Lower Upper
117 100
119 94.8 76.1 114.1
201 89.8 71.8 107.6

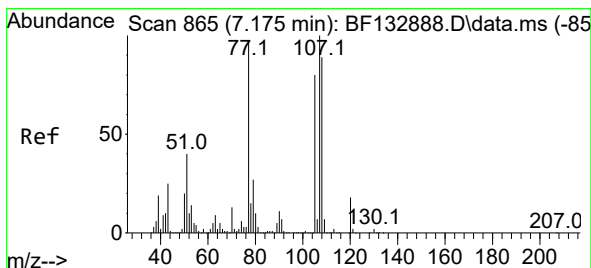
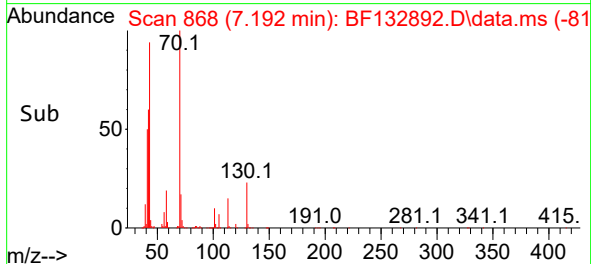
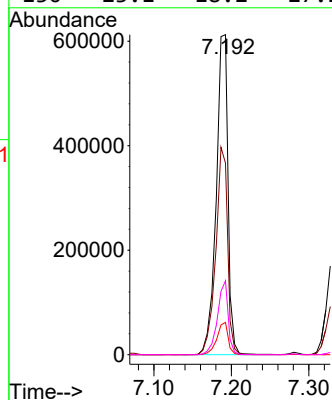
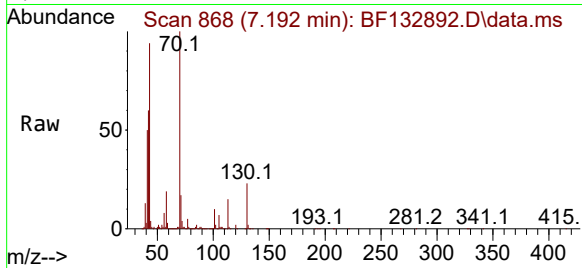




#19
n-Nitroso-di-n-propylamine
Concen: 41.522 ng
RT: 7.192 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

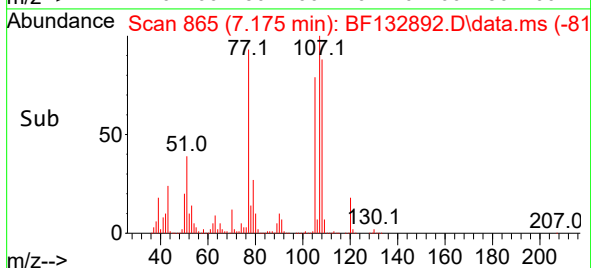
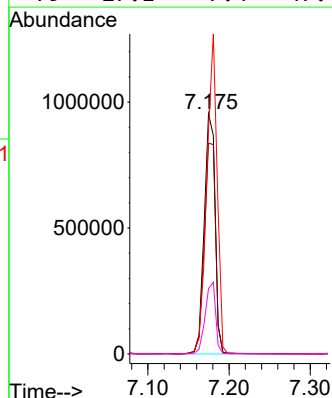
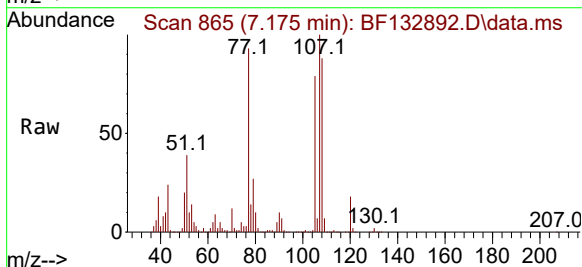
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

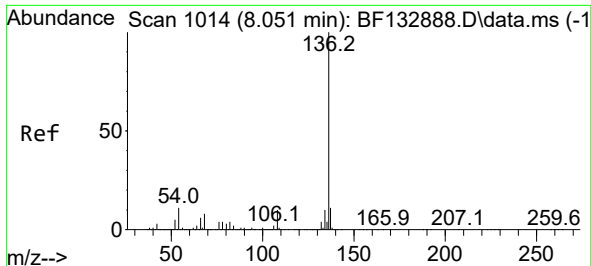
Tgt Ion: 70 Resp: 646754
Ion Ratio Lower Upper
70 100
42 59.8 49.0 73.6
101 10.1 8.1 12.1
130 23.1 18.2 27.2



#20
3+4-Methylphenols
Concen: 41.441 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion: 107 Resp: 890060
Ion Ratio Lower Upper
107 100
108 87.7 68.5 108.5
77 92.9 77.1 117.1
79 27.1 7.4 47.4

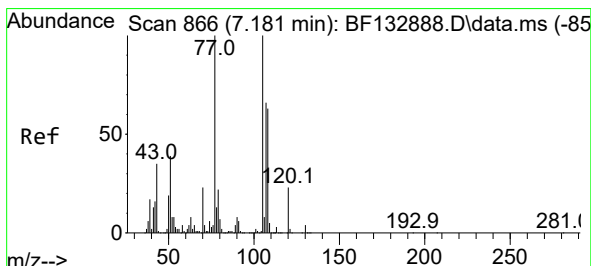
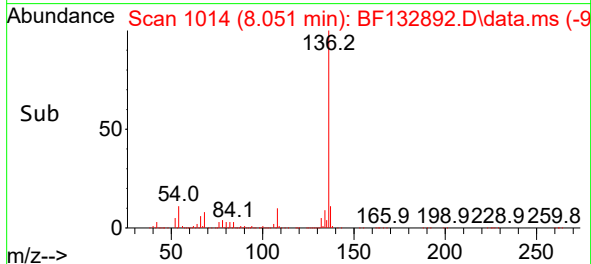
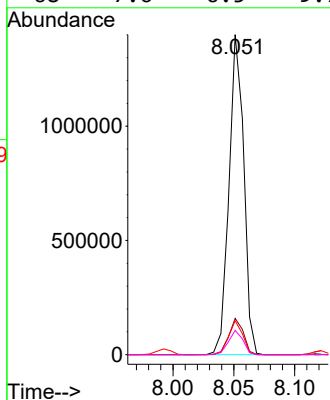
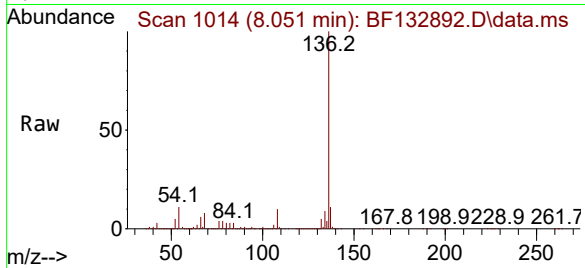




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

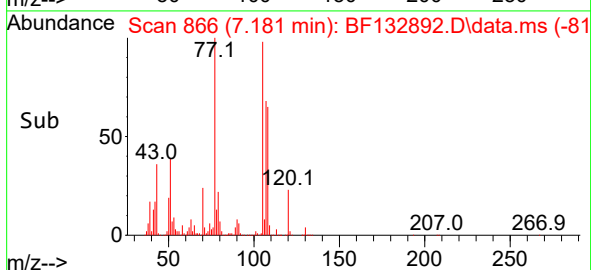
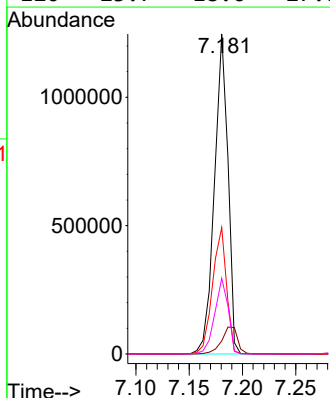
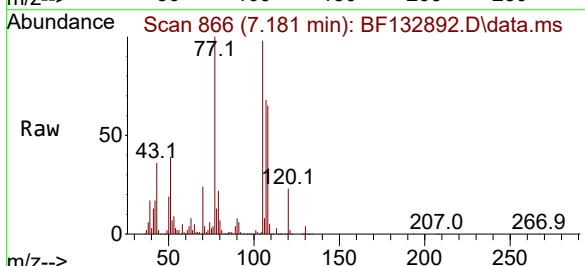
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

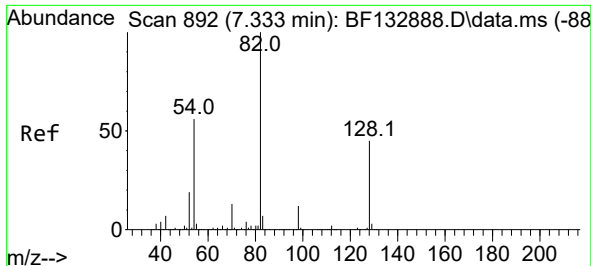
Tgt Ion:136 Resp: 1177891
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 10.6 8.9 13.3
68 7.6 6.5 9.7



#22
Acetophenone
Concen: 39.845 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion:105 Resp: 1100998
Ion Ratio Lower Upper
105 100
71 4.1 3.1 4.7
51 39.5 31.4 47.2
120 23.7 18.6 27.8





#23

Nitrobenzene-d5

Concen: 82.419 ng

RT: 7.333 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF132892.D

Acq: 17 Apr 2023 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF041723

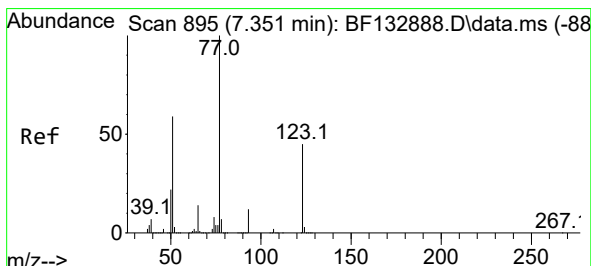
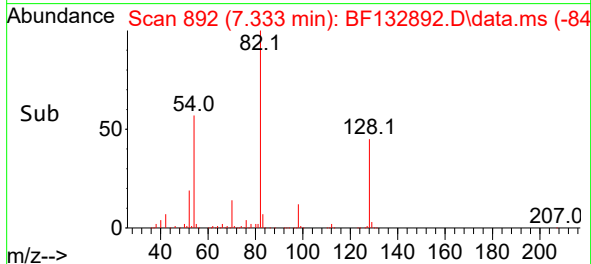
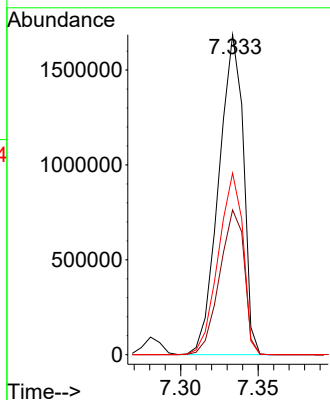
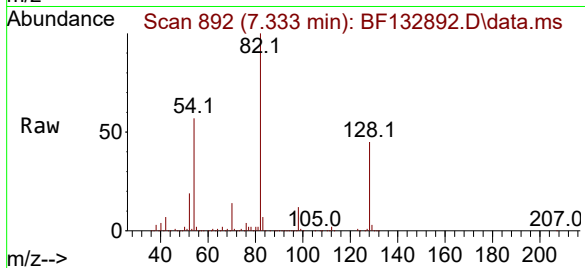
Tgt Ion: 82 Resp: 1862464

Ion Ratio Lower Upper

82 100

128 45.2 35.7 53.5

54 56.7 44.7 67.1



#24

Nitrobenzene

Concen: 41.409 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF132892.D

Acq: 17 Apr 2023 16:35

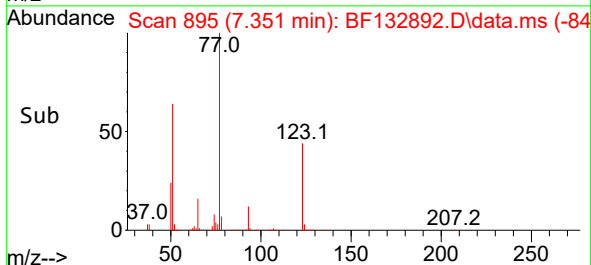
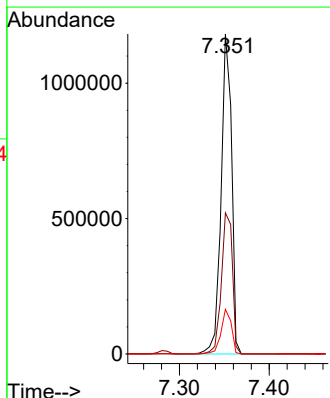
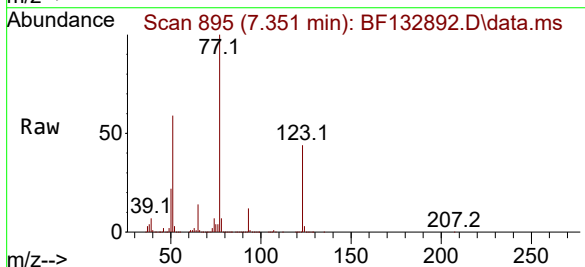
Tgt Ion: 77 Resp: 959108

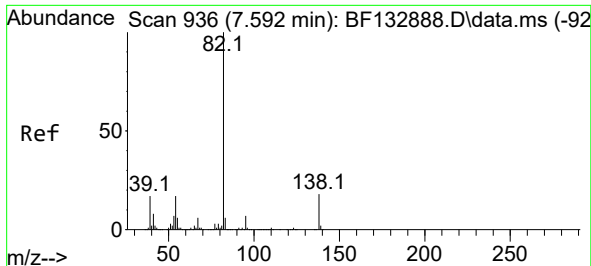
Ion Ratio Lower Upper

77 100

123 44.1 36.3 54.5

65 14.0 11.2 16.8

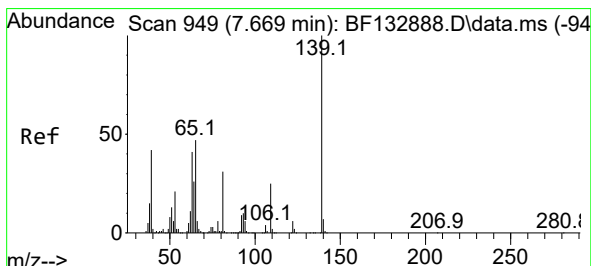
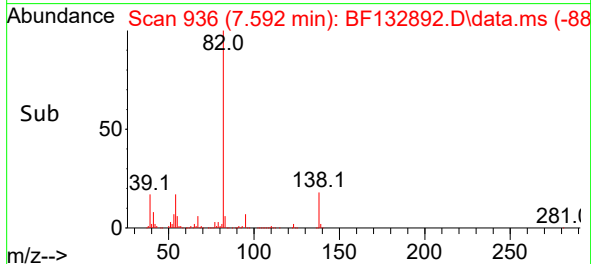
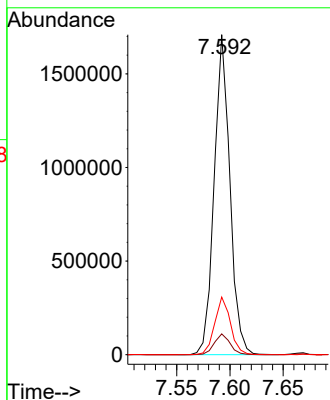
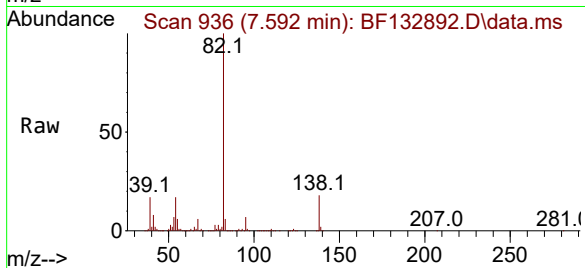




#25
Isophorone
Concen: 40.767 ng
RT: 7.592 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

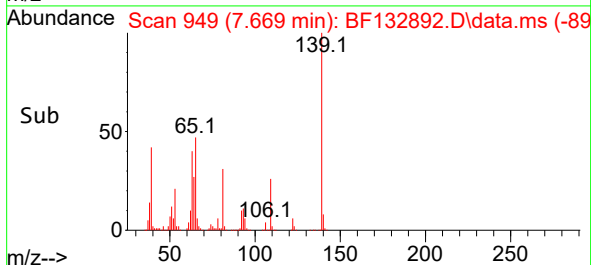
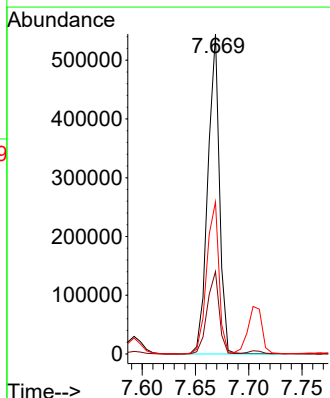
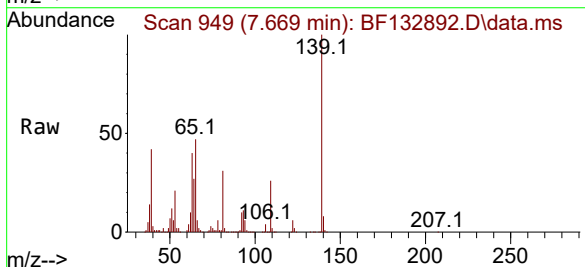
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

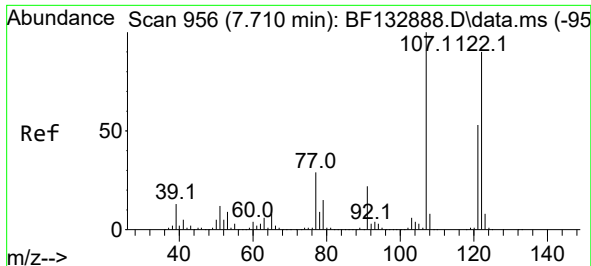
Tgt Ion: 82 Resp: 1747408
Ion Ratio Lower Upper
82 100
95 6.5 5.3 7.9
138 18.0 14.2 21.2



#26
2-Nitrophenol
Concen: 47.489 ng
RT: 7.669 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion:139 Resp: 414946
Ion Ratio Lower Upper
139 100
109 25.8 20.1 30.1
65 47.5 38.0 57.0

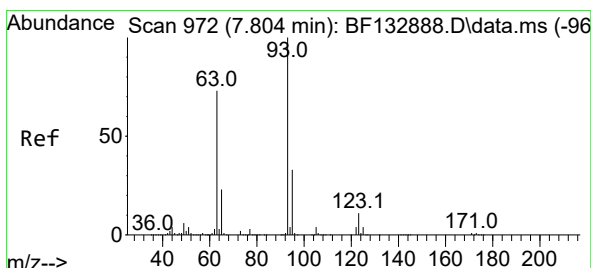
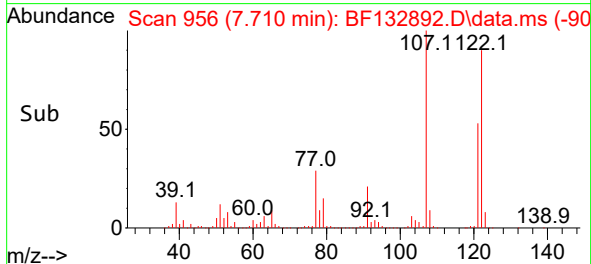
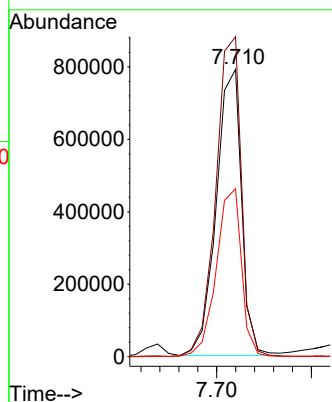
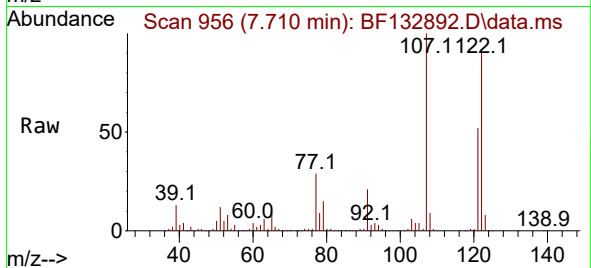




#27
2,4-Dimethylphenol
Concen: 41.209 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

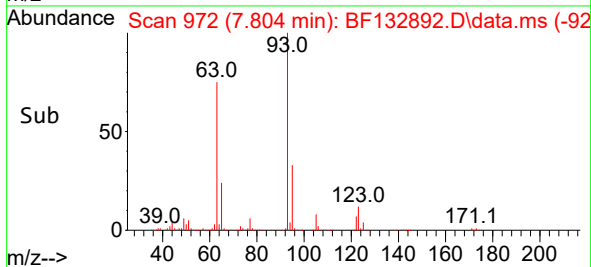
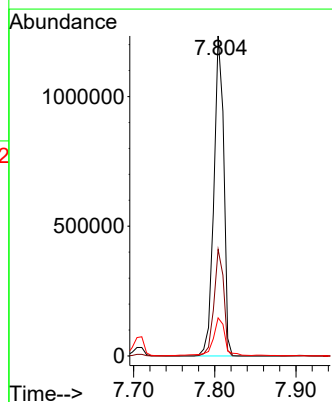
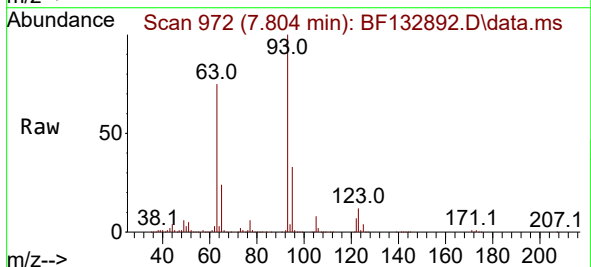
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

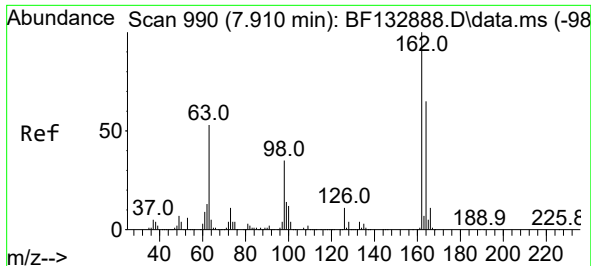
Tgt Ion:122 Resp: 734496
Ion Ratio Lower Upper
122 100
107 111.3 88.5 132.7
121 58.4 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.457 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion: 93 Resp: 1036811
Ion Ratio Lower Upper
93 100
95 33.3 26.3 39.5
123 11.9 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 41.677 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF132892.D

Acq: 17 Apr 2023 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF041723

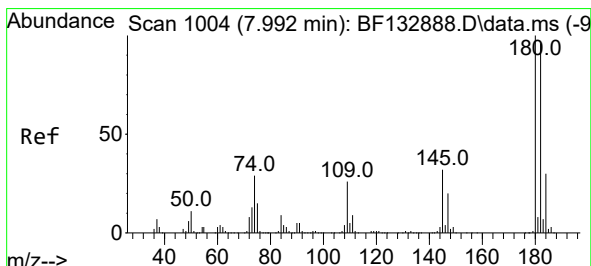
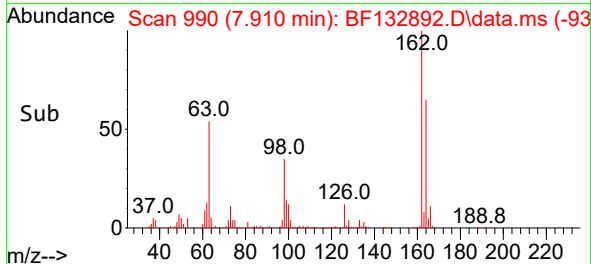
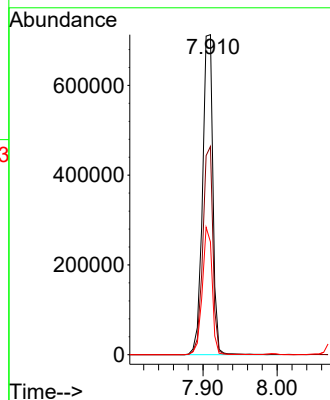
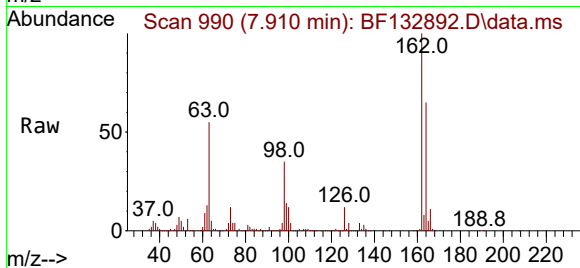
Tgt Ion:162 Resp: 691437

Ion Ratio Lower Upper

162 100

164 65.1 45.2 85.2

98 35.3 14.8 54.8



#30

1,2,4-Trichlorobenzene

Concen: 40.802 ng

RT: 7.992 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF132892.D

Acq: 17 Apr 2023 16:35

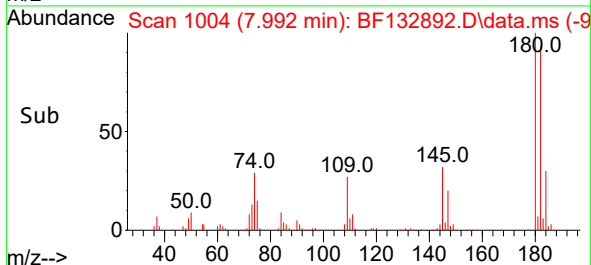
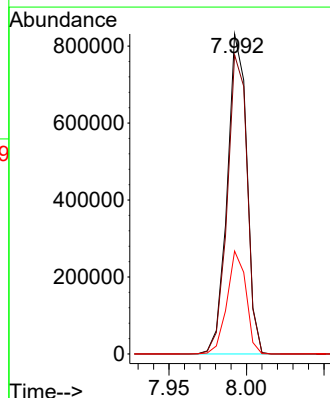
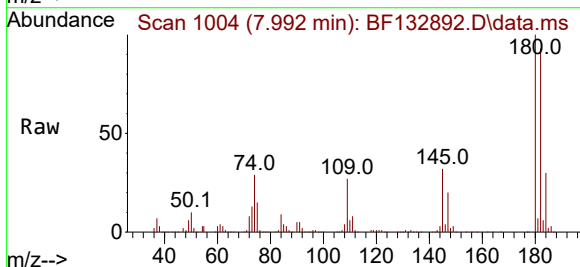
Tgt Ion:180 Resp: 730885

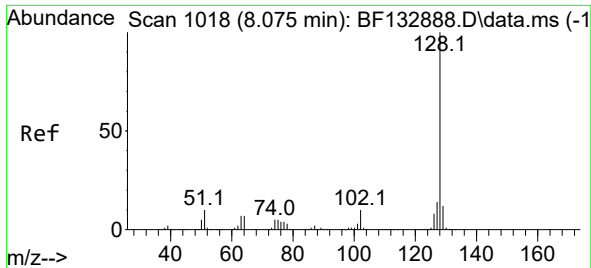
Ion Ratio Lower Upper

180 100

182 93.4 76.6 114.8

145 32.1 25.4 38.0

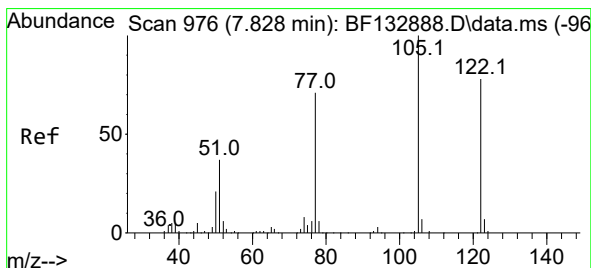
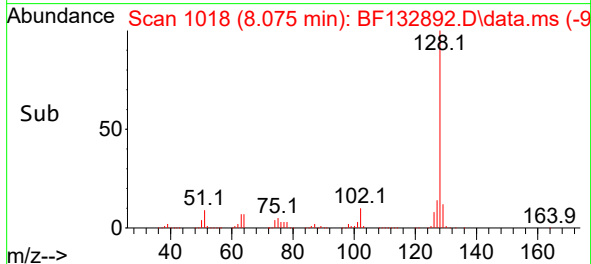
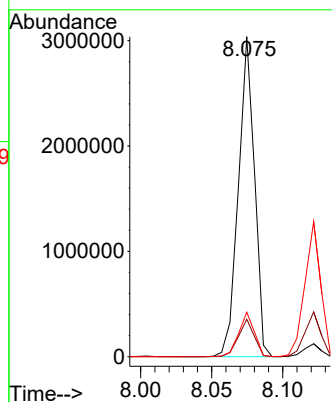
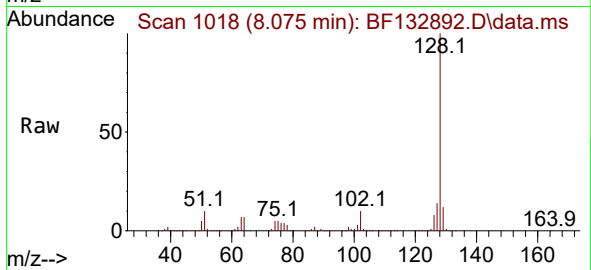




#31
Naphthalene
Concen: 40.283 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

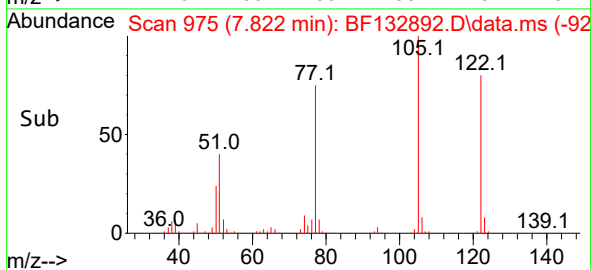
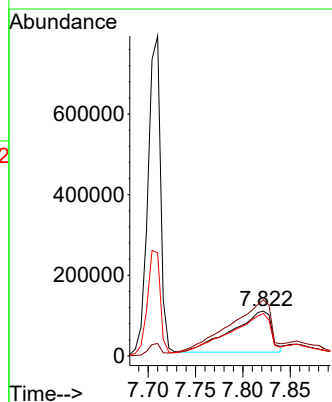
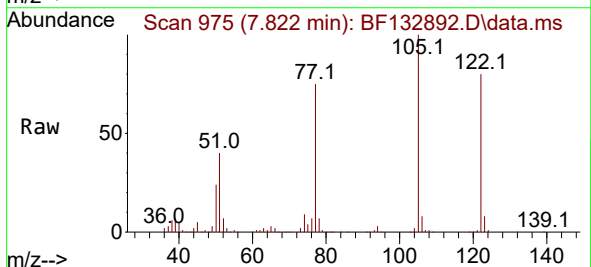
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

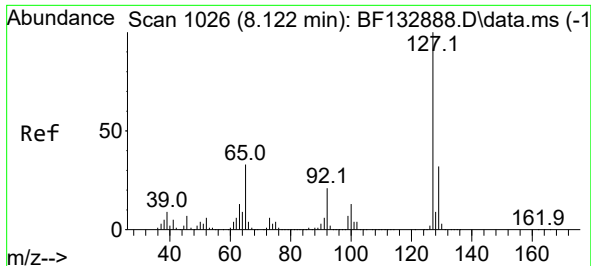
Tgt Ion:128 Resp: 2397778
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.9 11.0 16.6



#32
Benzoic acid
Concen: 33.253 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion:122 Resp: 297214
Ion Ratio Lower Upper
122 100
105 125.6 104.5 144.5
77 94.6 71.2 111.2

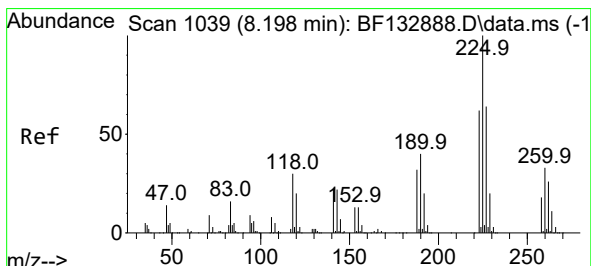
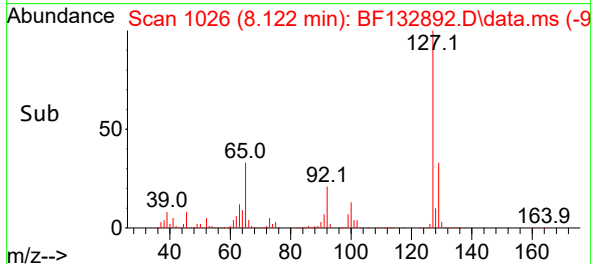
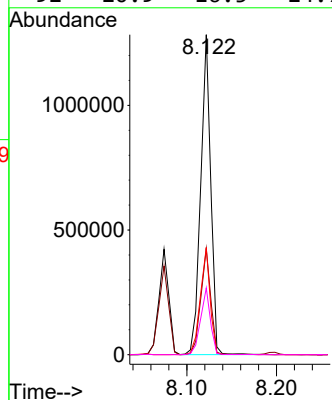
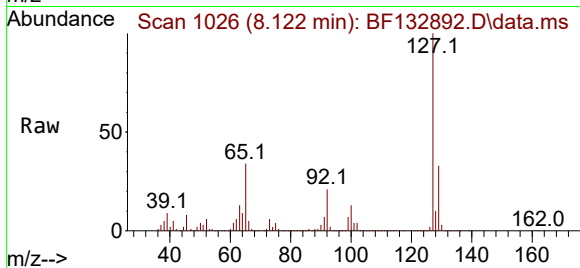




#33
4-Chloroaniline
Concen: 40.969 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

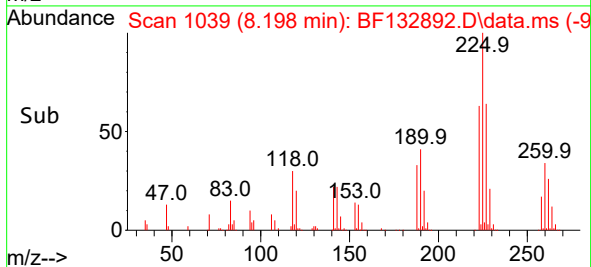
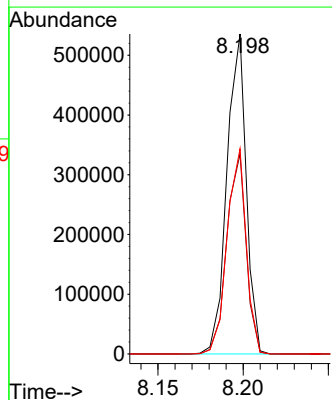
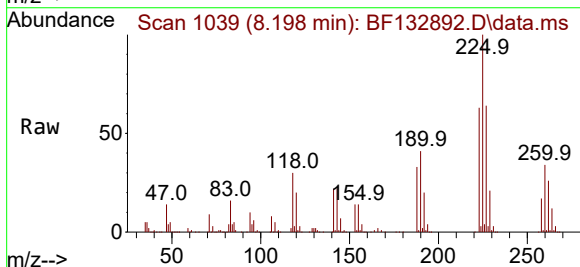
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

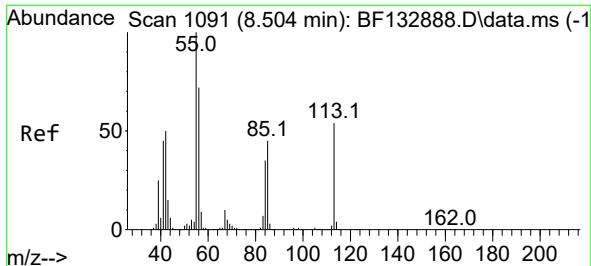
Tgt Ion:	127	Resp:	998787
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	33.5	26.7	40.1
92	20.9	16.5	24.7



#34
Hexachlorobutadiene
Concen: 41.113 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion:	225	Resp:	421322
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.6	74.4
227	64.2	51.6	77.4

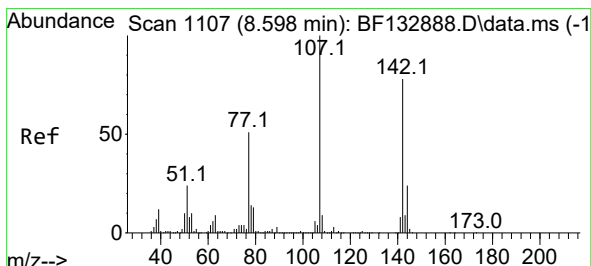
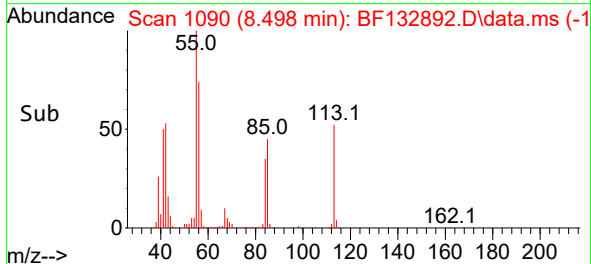
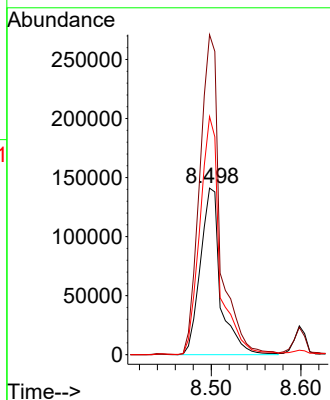
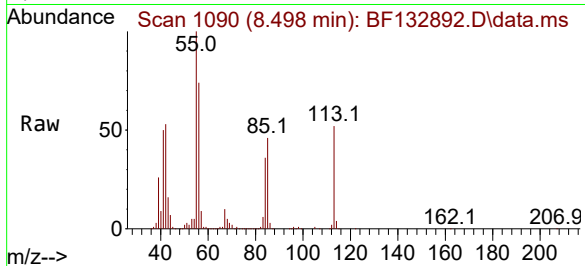




#35
 Caprolactam
 Concen: 44.726 ng
 RT: 8.498 min Scan# 1091
 Delta R.T. -0.006 min
 Lab File: BF132892.D
 Acq: 17 Apr 2023 16:35

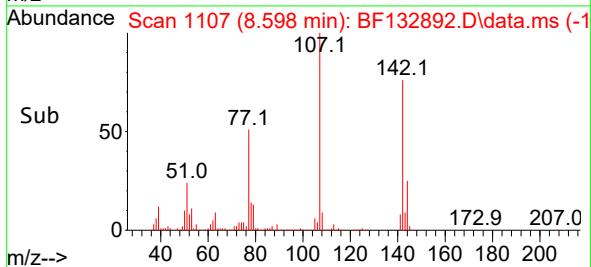
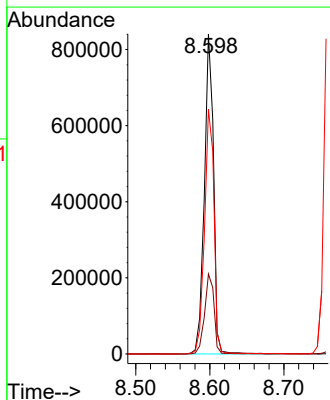
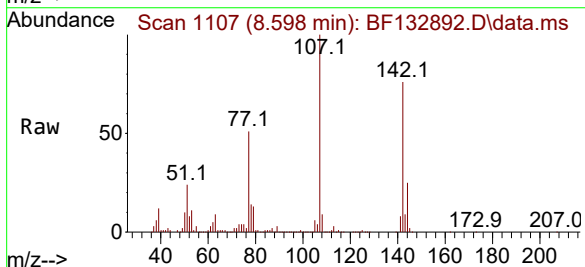
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041723

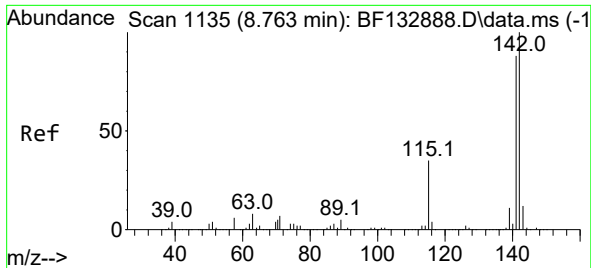
Tgt Ion:113 Resp: 220971
 Ion Ratio Lower Upper
 113 100
 55 192.2 166.0 206.0
 56 142.9 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 41.536 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: BF132892.D
 Acq: 17 Apr 2023 16:35

Tgt Ion:107 Resp: 723280
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.4 29.0
 142 76.5 62.2 93.2

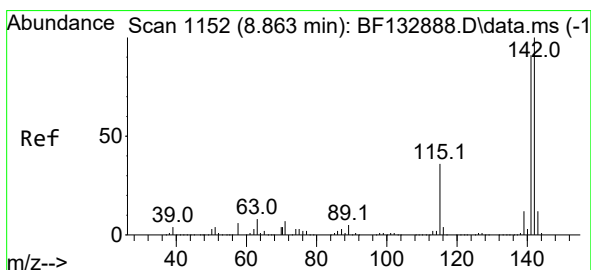
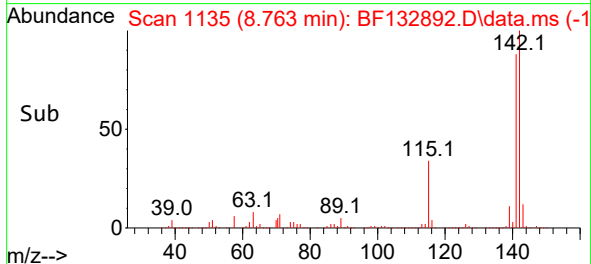
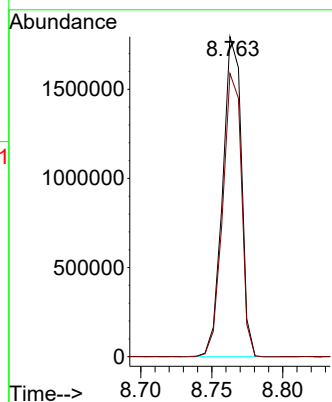
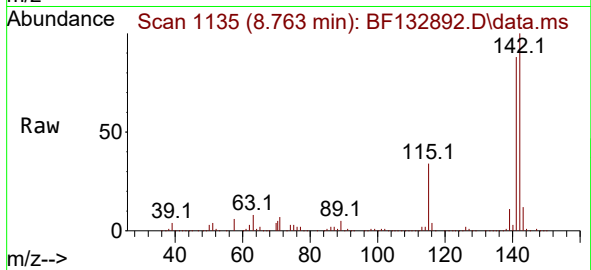




#37
2-Methylnaphthalene
Concen: 40.011 ng
RT: 8.763 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

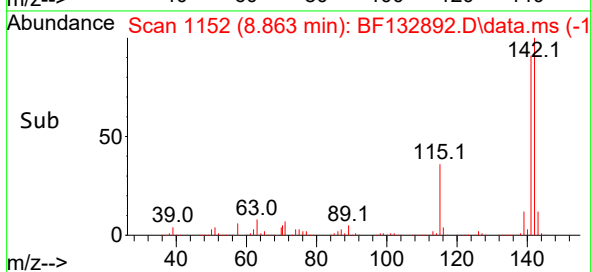
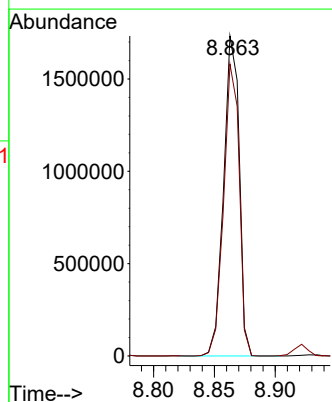
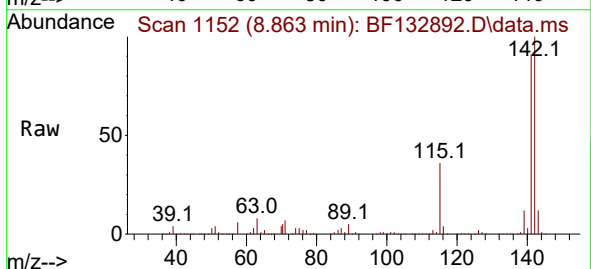
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

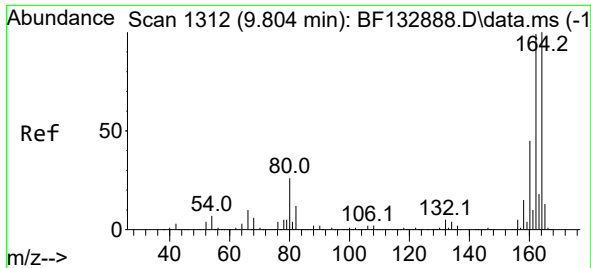
Tgt Ion:142 Resp: 1639222
Ion Ratio Lower Upper
142 100
141 88.5 70.4 105.6



#38
1-Methylnaphthalene
Concen: 40.592 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion:142 Resp: 1549569
Ion Ratio Lower Upper
142 100
141 91.2 72.6 109.0

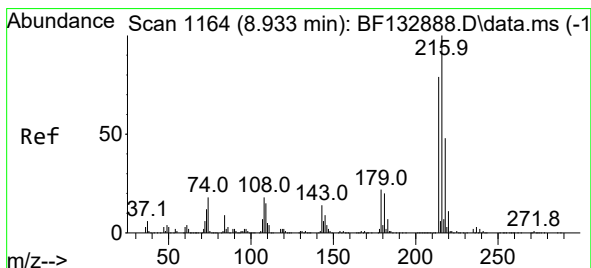
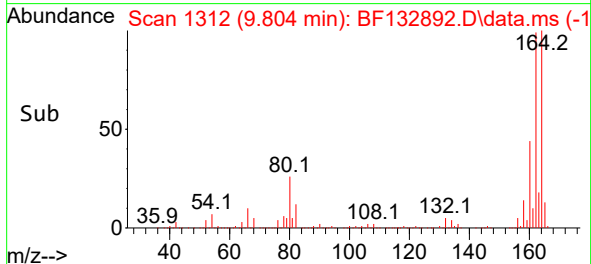
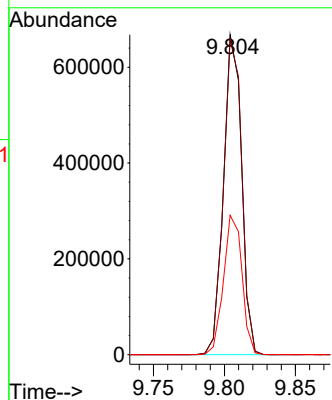
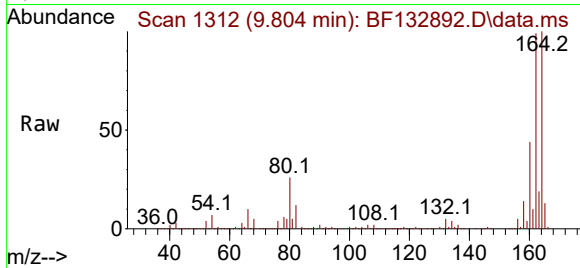




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

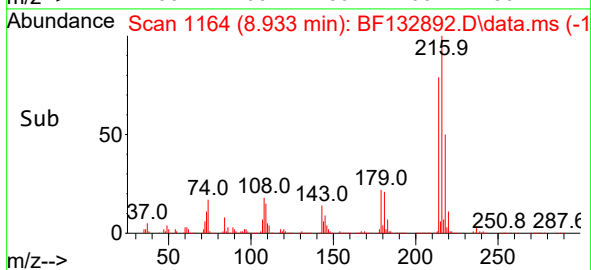
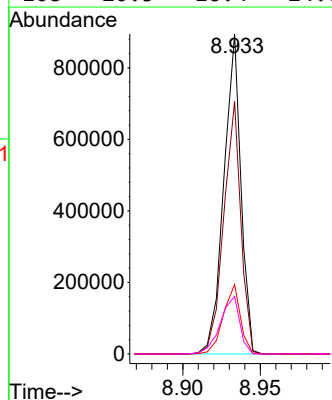
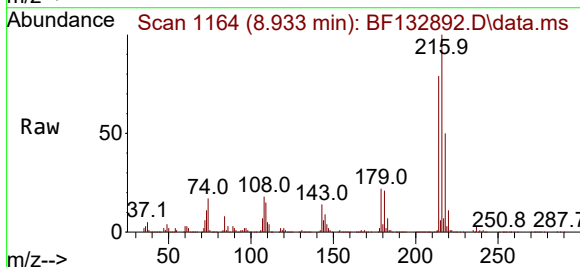
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

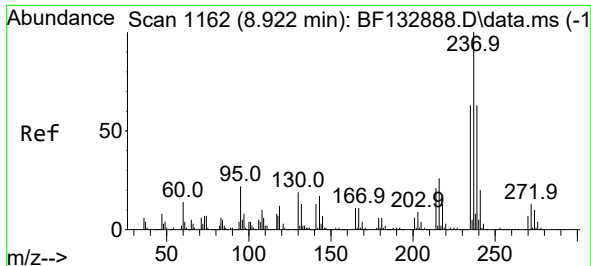
Tgt Ion:164 Resp: 589649
Ion Ratio Lower Upper
164 100
162 98.5 79.1 118.7
160 43.6 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.147 ng
RT: 8.933 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion:216 Resp: 686248
Ion Ratio Lower Upper
216 100
214 78.9 63.1 94.7
179 21.8 17.4 26.2
108 20.5 16.4 24.6

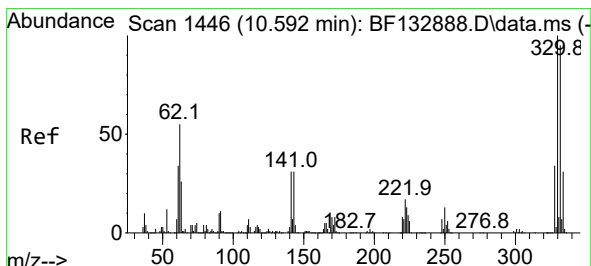
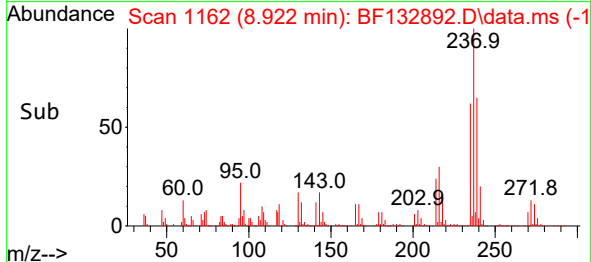
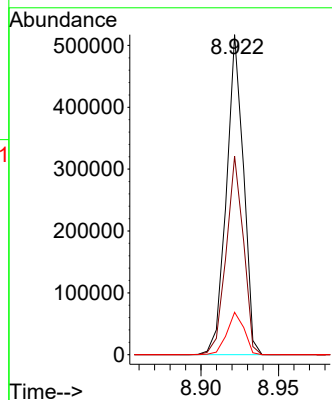
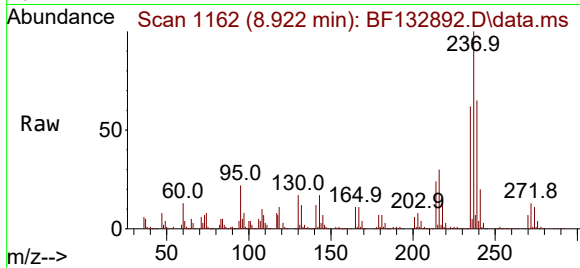




#41
Hexachlorocyclopentadiene
Concen: 45.045 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

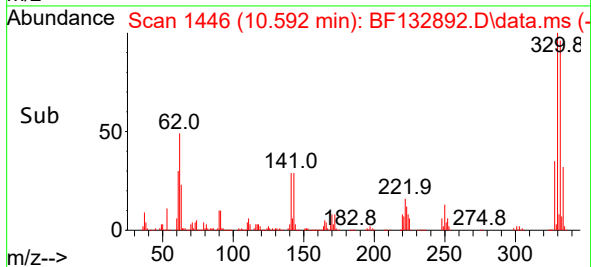
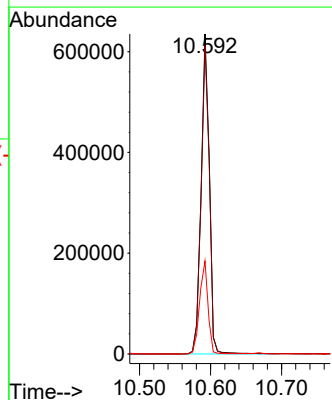
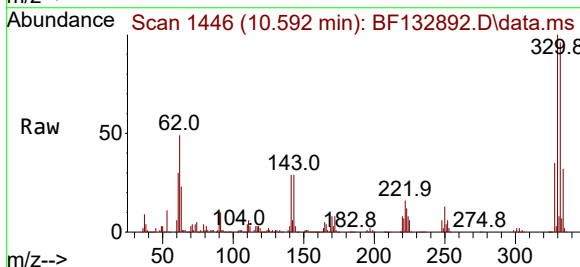
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

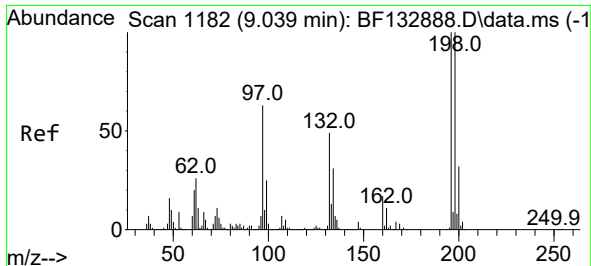
Tgt Ion: 237 Resp: 395971
Ion Ratio Lower Upper
237 100
235 62.1 43.2 83.2
272 13.3 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 86.795 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion: 330 Resp: 513324
Ion Ratio Lower Upper
330 100
332 96.6 76.3 114.5
141 29.8 23.9 35.9

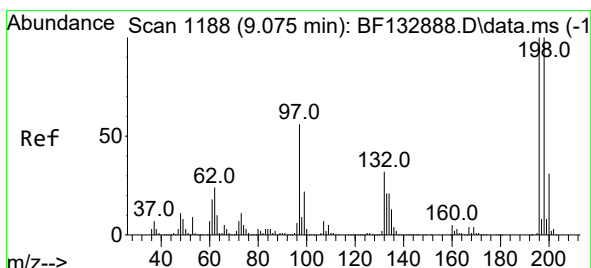
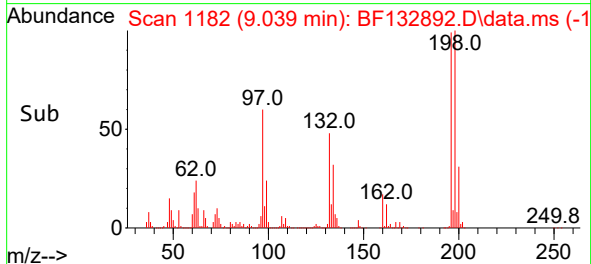
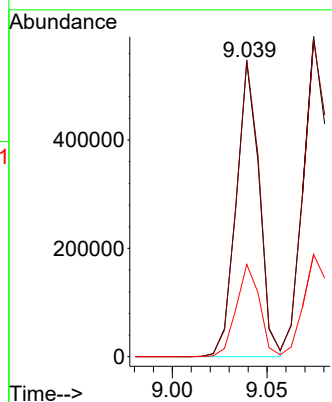
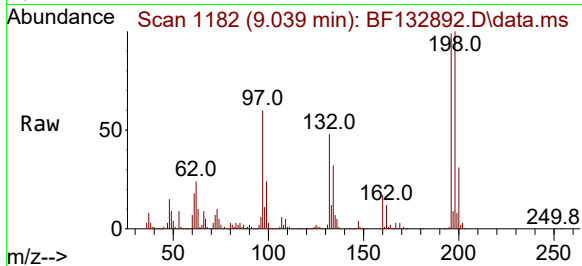




#43
 2,4,6-Trichlorophenol
 Concen: 43.284 ng
 RT: 9.039 min Scan# 1182
 Delta R.T. 0.000 min
 Lab File: BF132892.D
 Acq: 17 Apr 2023 16:35

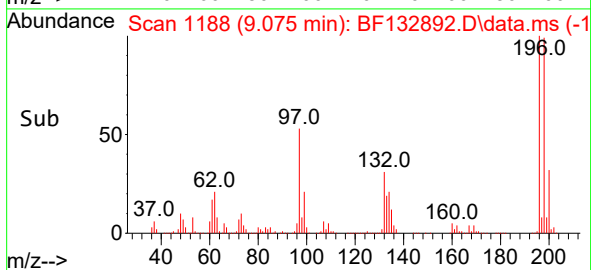
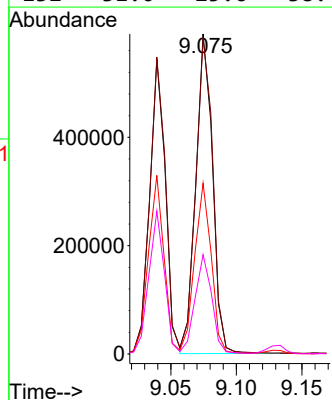
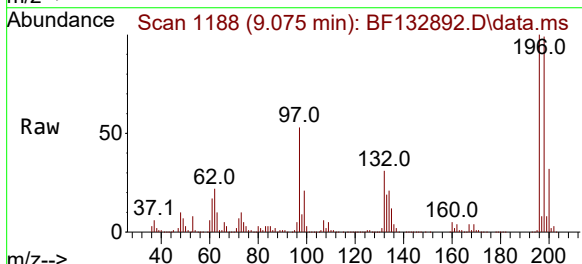
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041723

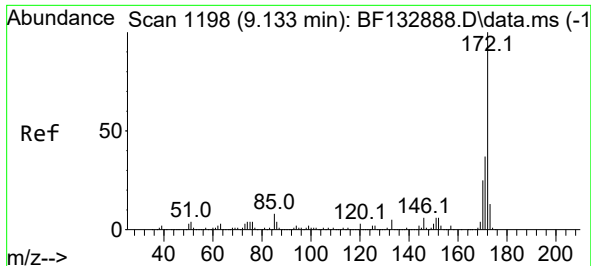
Tgt Ion:196 Resp: 457611
 Ion Ratio Lower Upper
 196 100
 198 100.7 79.8 119.6
 200 31.3 25.4 38.2



#44
 2,4,5-Trichlorophenol
 Concen: 42.544 ng
 RT: 9.075 min Scan# 1188
 Delta R.T. 0.000 min
 Lab File: BF132892.D
 Acq: 17 Apr 2023 16:35

Tgt Ion:196 Resp: 525955
 Ion Ratio Lower Upper
 196 100
 198 98.9 80.2 120.2
 97 53.4 45.0 67.6
 132 31.0 25.6 38.4

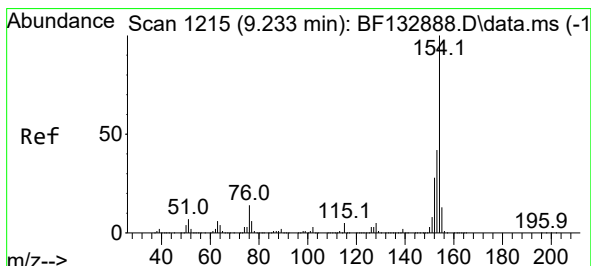
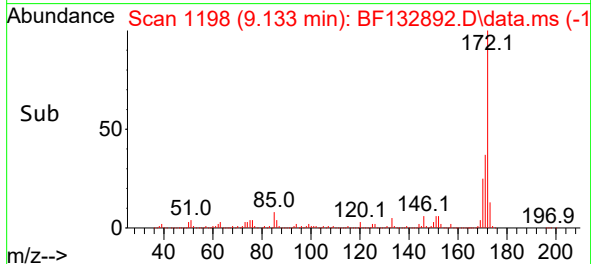
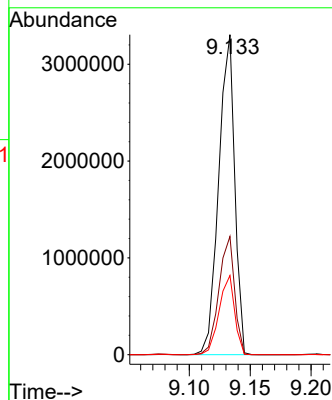
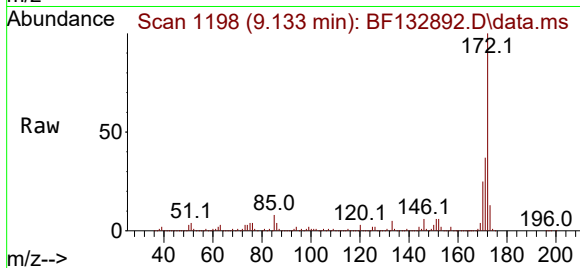




#45
2-Fluorobiphenyl
Concen: 78.960 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

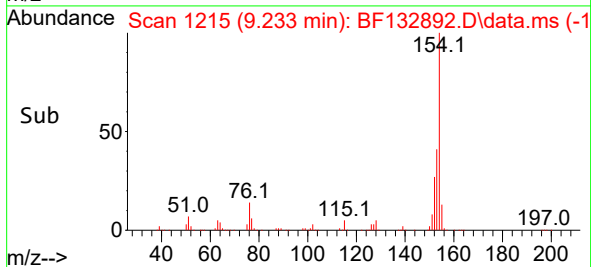
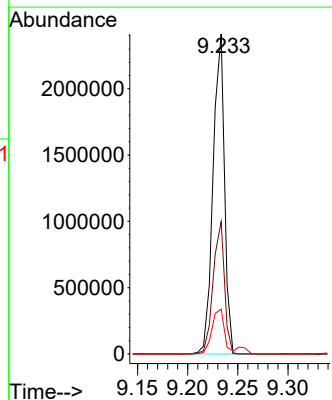
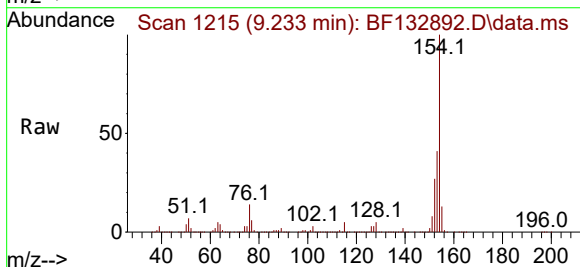
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

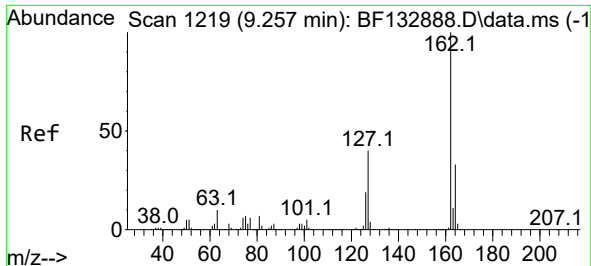
Tgt Ion:172 Resp: 3030721
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 24.8 20.1 30.1



#46
1,1'-Biphenyl
Concen: 40.789 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion:154 Resp: 1906625
Ion Ratio Lower Upper
154 100
153 41.4 21.8 61.8
76 14.0 0.0 34.0

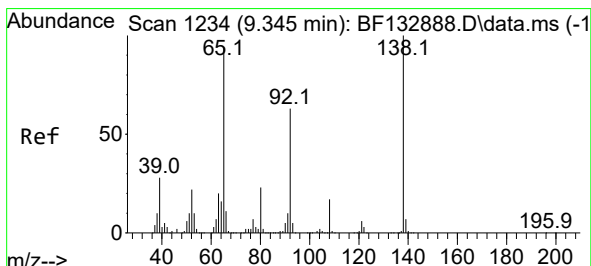
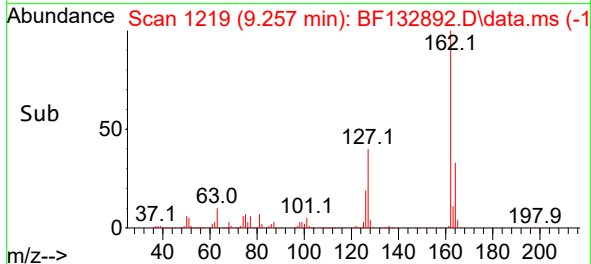
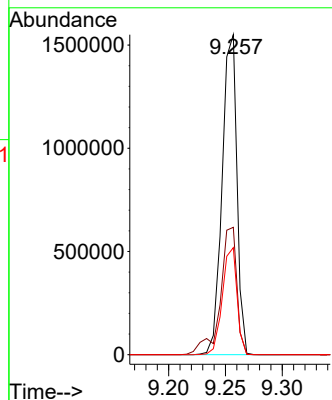
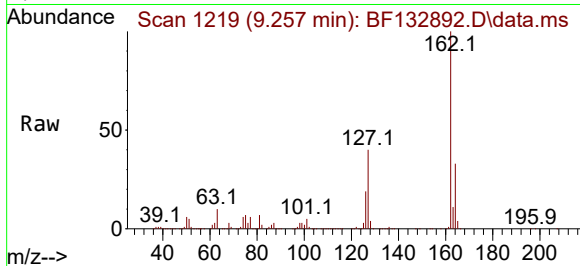




#47
2-Chloronaphthalene
Concen: 40.804 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

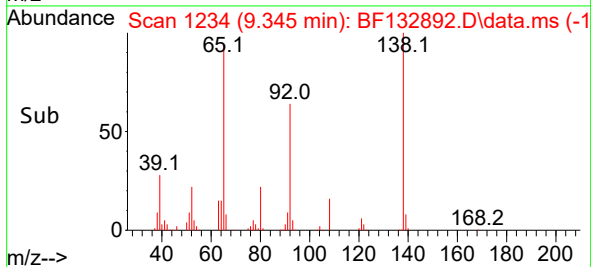
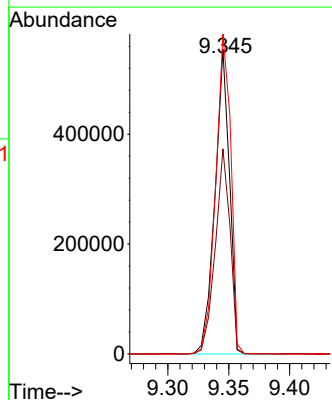
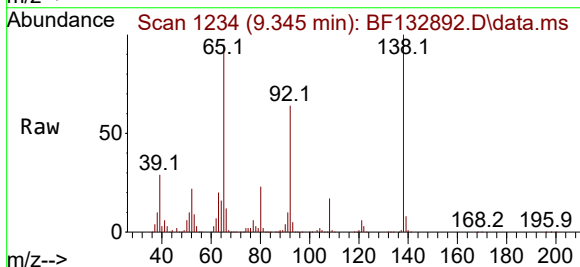
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

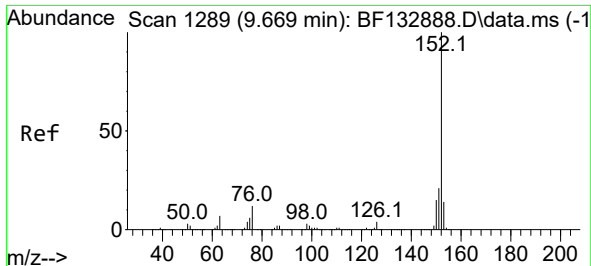
Tgt Ion:162 Resp: 1411470
Ion Ratio Lower Upper
162 100
127 39.8 32.2 48.2
164 33.4 26.5 39.7



#48
2-Nitroaniline
Concen: 46.162 ng
RT: 9.345 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion: 65 Resp: 461945
Ion Ratio Lower Upper
65 100
92 67.3 53.5 80.3
138 105.0 84.8 127.2

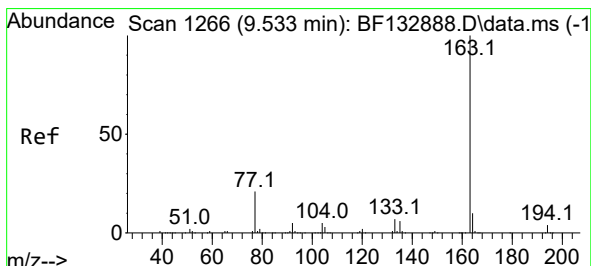
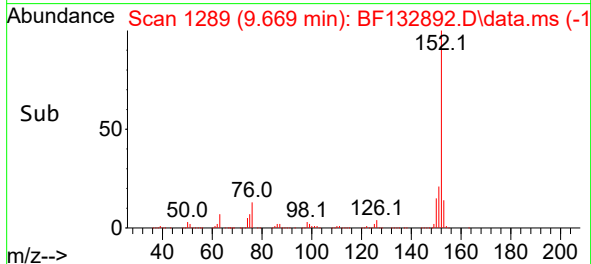
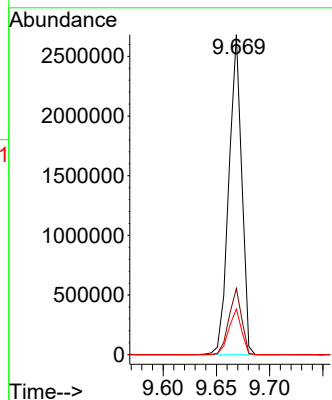
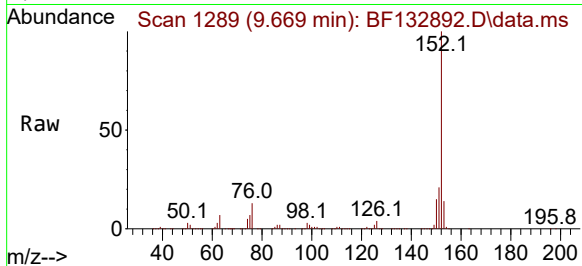




#49
Acenaphthylene
Concen: 40.790 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

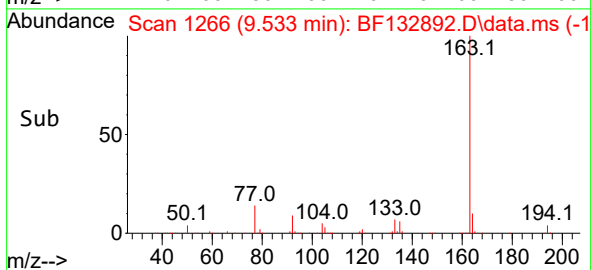
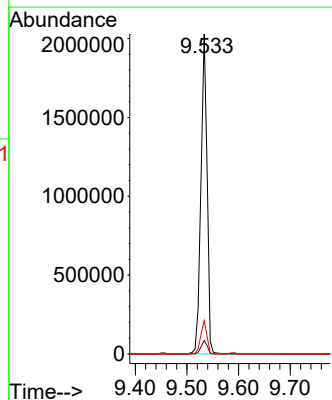
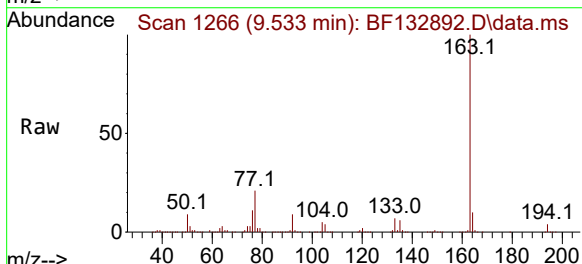
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

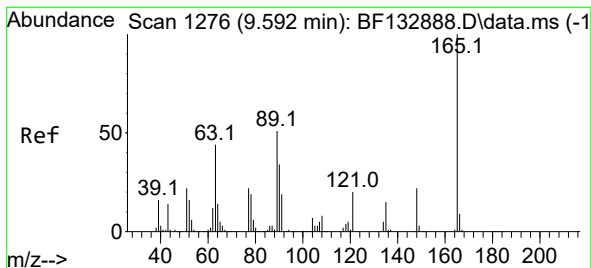
Tgt Ion:152 Resp: 2250429
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 14.3 11.4 17.0



#50
Dimethylphthalate
Concen: 41.129 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion:163 Resp: 1676675
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.4 8.3 12.5

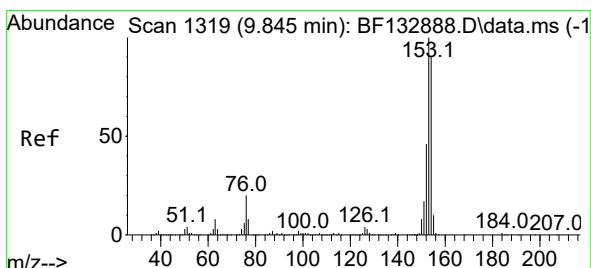
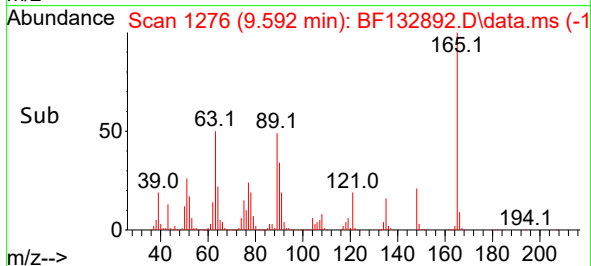
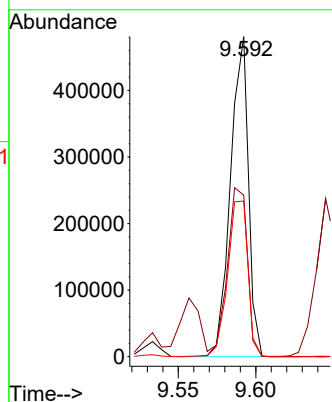
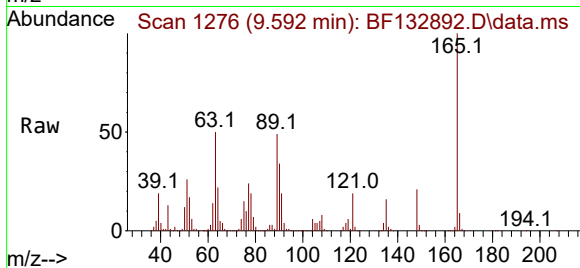




#51
2,6-Dinitrotoluene
Concen: 43.336 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

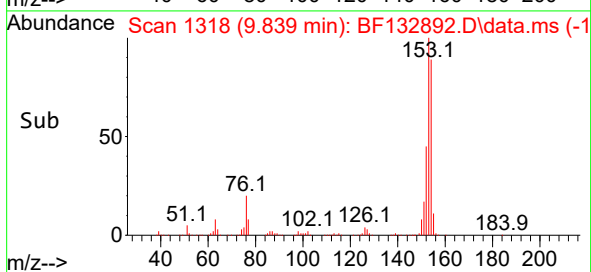
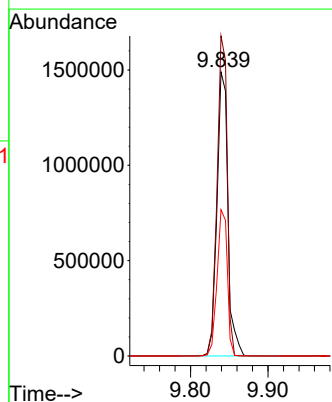
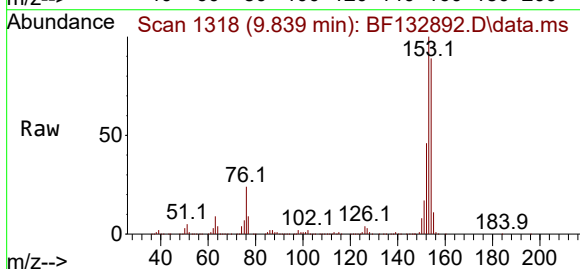
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

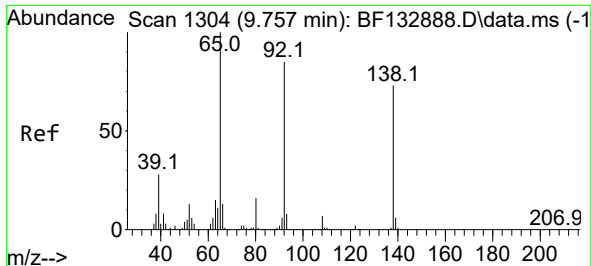
Tgt Ion:165 Resp: 387333
Ion Ratio Lower Upper
165 100
63 50.5 42.6 63.8
89 48.6 41.0 61.4



#52
Acenaphthene
Concen: 41.034 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion:154 Resp: 1458863
Ion Ratio Lower Upper
154 100
153 112.6 88.8 133.2
152 51.5 41.2 61.8

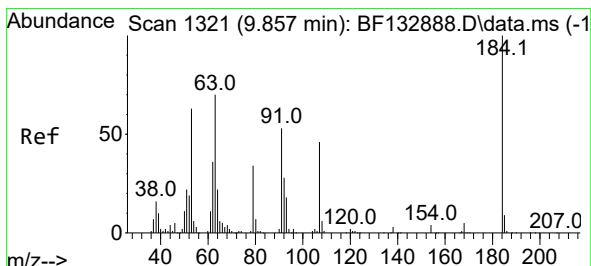
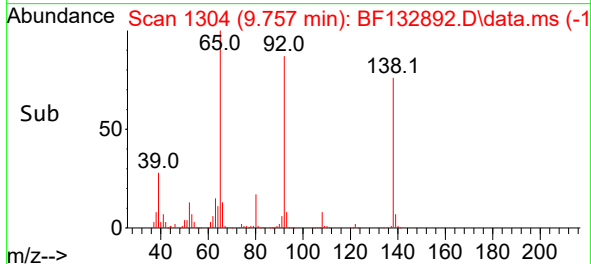
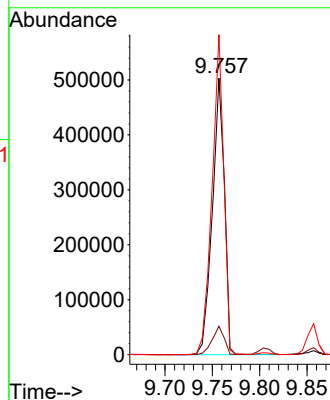
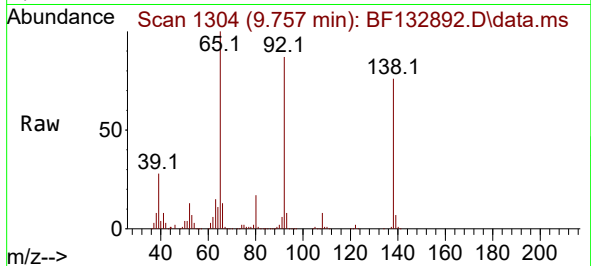




#53
3-Nitroaniline
Concen: 43.849 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

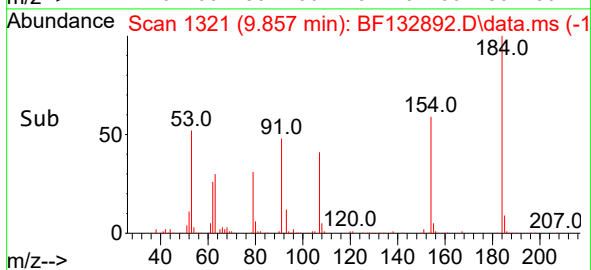
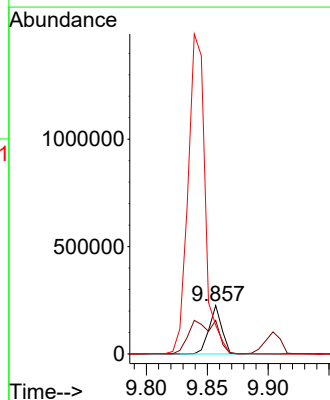
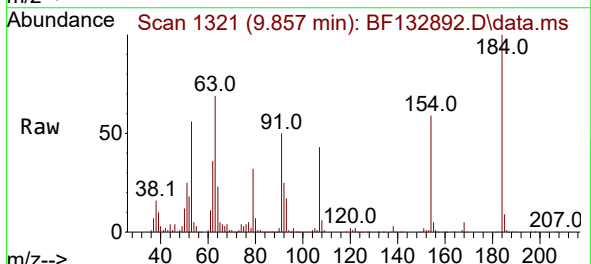
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

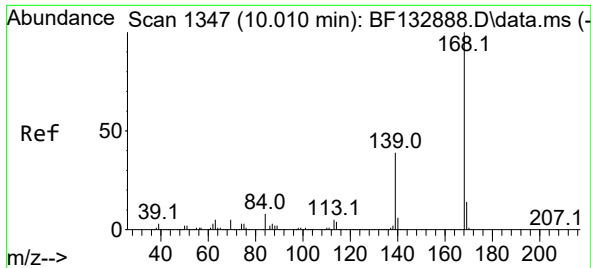
Tgt Ion:138 Resp: 445988
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.2
92 115.7 93.8 140.8



#54
2,4-Dinitrophenol
Concen: 47.488 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion:184 Resp: 165341
Ion Ratio Lower Upper
184 100
63 69.1 62.7 94.1
154 59.2 49.9 74.9

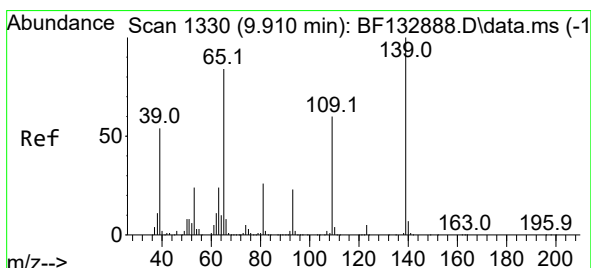
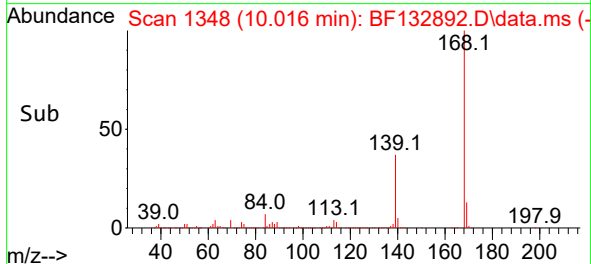
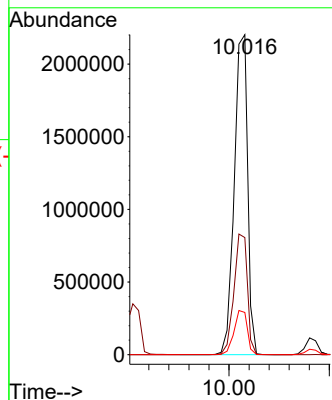
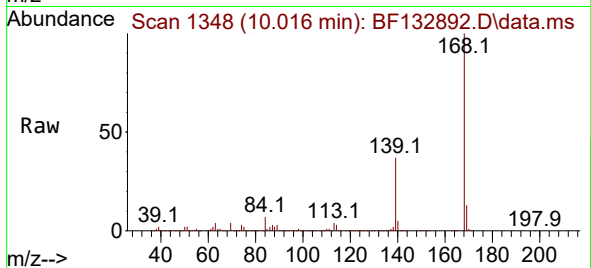




#55
Dibenzenofuran
Concen: 40.515 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

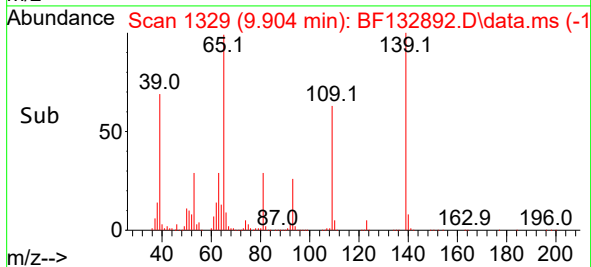
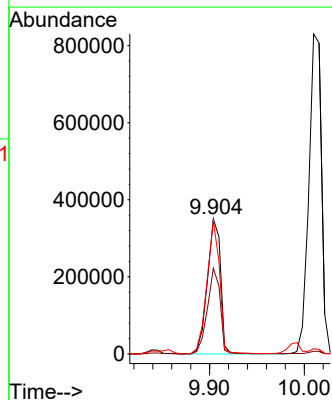
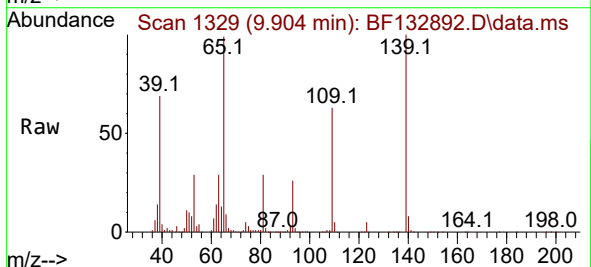
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

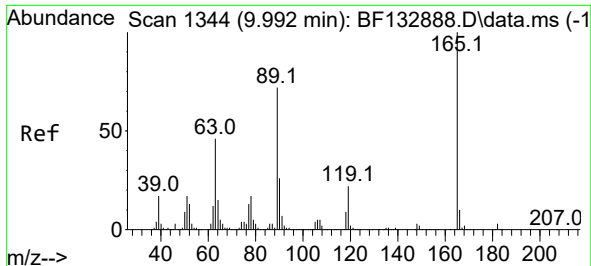
Tgt Ion:168 Resp: 2043622
Ion Ratio Lower Upper
168 100
139 36.6 31.4 47.0
169 13.2 11.2 16.8



#56
4-Nitrophenol
Concen: 44.969 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion:139 Resp: 339754
Ion Ratio Lower Upper
139 100
109 63.5 40.4 80.4
65 98.8 64.2 104.2

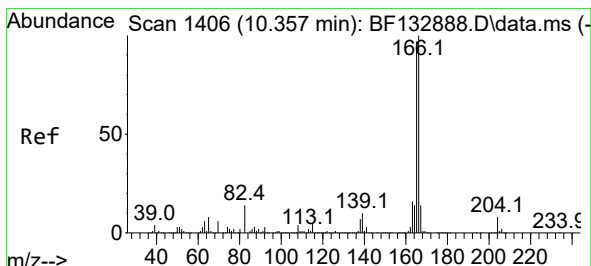
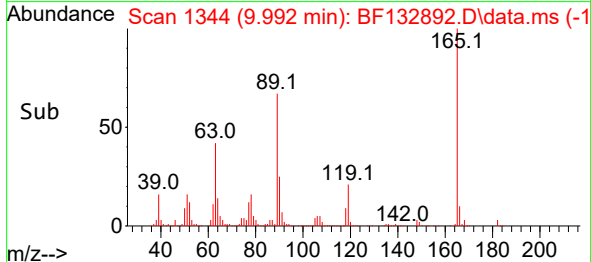
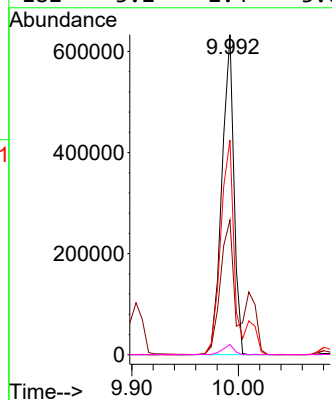
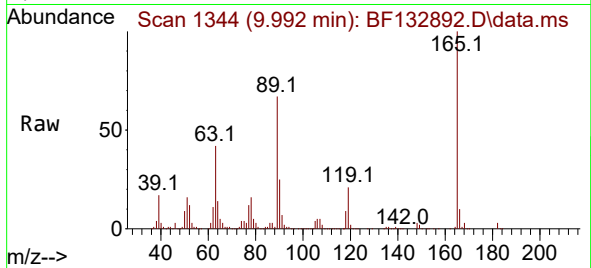




#57
2,4-Dinitrotoluene
Concen: 45.061 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

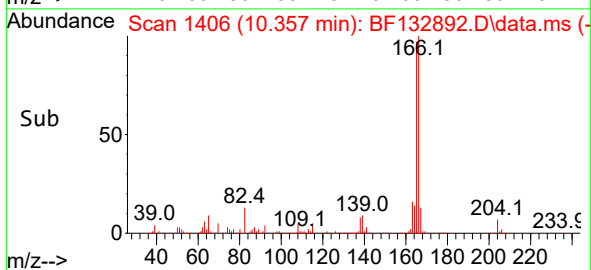
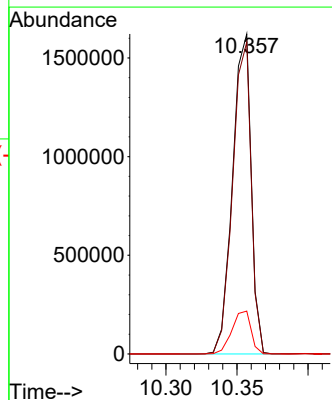
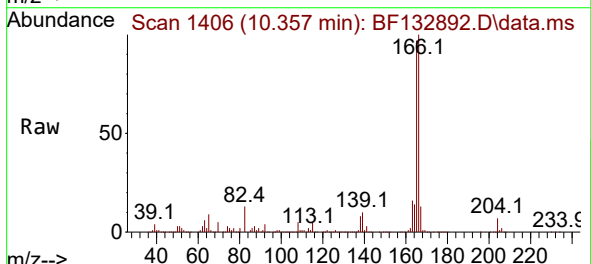
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

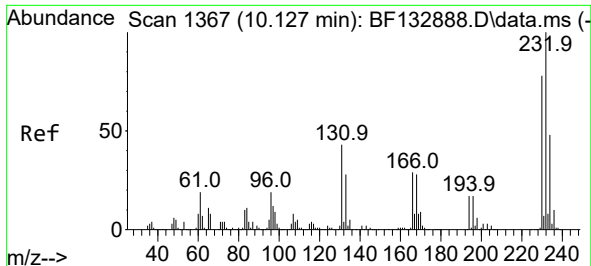
Tgt Ion:165 Resp: 497080
Ion Ratio Lower Upper
165 100
63 42.1 37.0 55.6
89 67.1 57.8 86.6
182 3.2 2.4 3.6



#58
Fluorene
Concen: 39.941 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion:166 Resp: 1475794
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.4 11.0 16.4

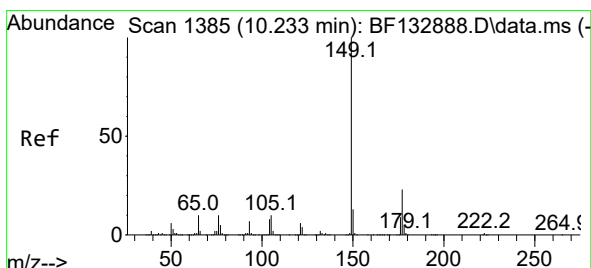
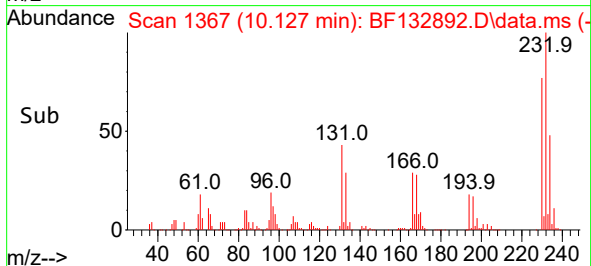
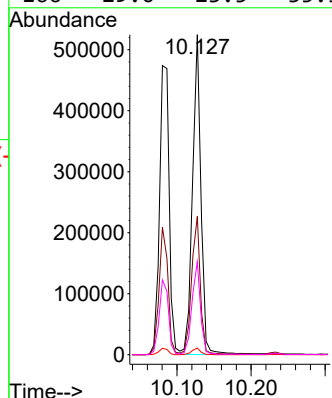
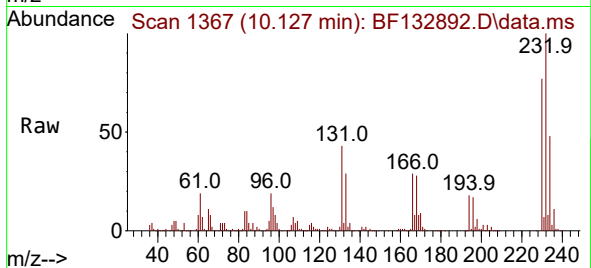




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.532 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

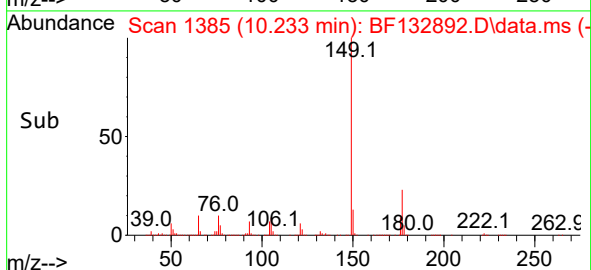
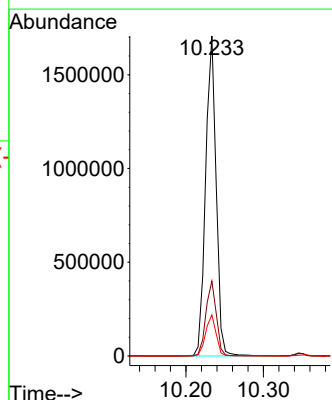
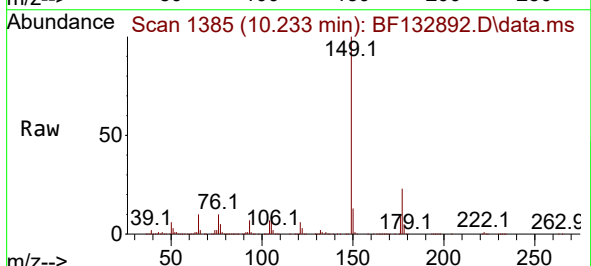
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

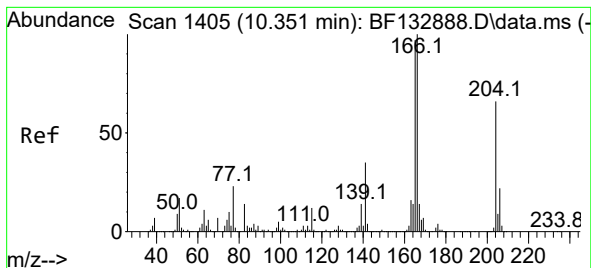
Tgt Ion:232 Resp: 417670
Ion Ratio Lower Upper
232 100
131 44.1 35.9 53.9
130 2.1 1.8 2.8
166 29.0 23.5 35.3



#60
Diethylphthalate
Concen: 42.339 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion:149 Resp: 1612863
Ion Ratio Lower Upper
149 100
177 23.4 18.5 27.7
150 12.9 10.3 15.5

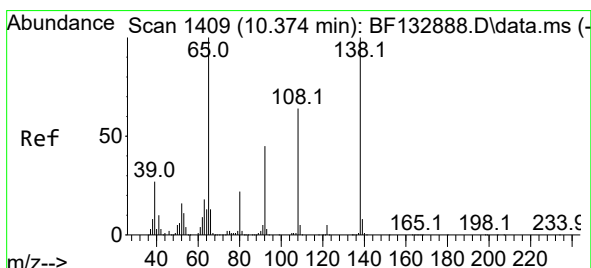
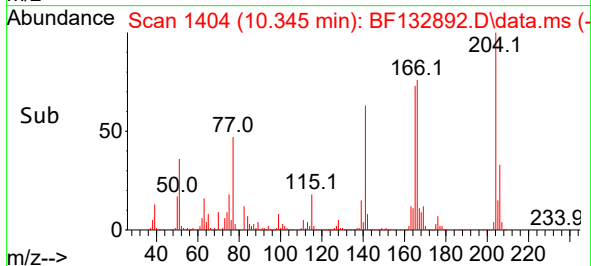
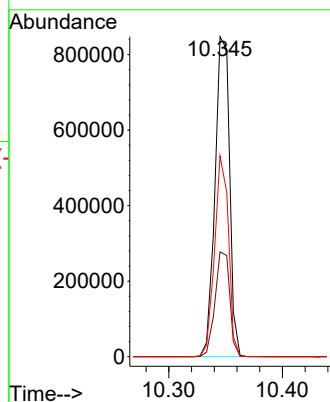
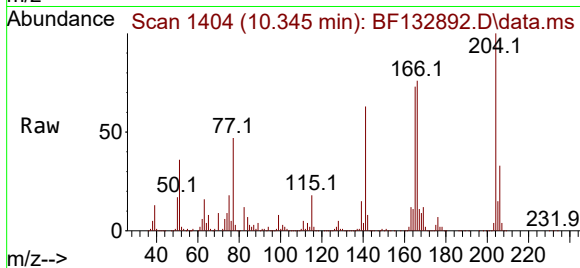




#61
4-Chlorophenyl-phenylether
Concen: 40.313 ng
RT: 10.345 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

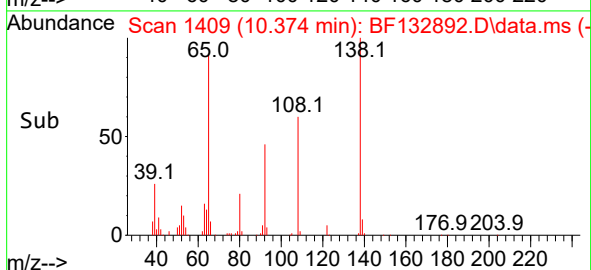
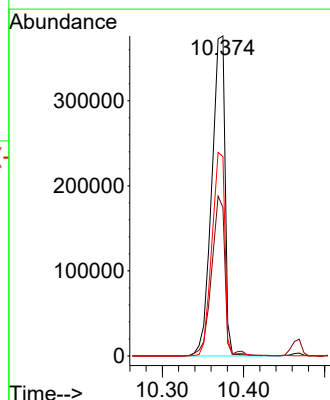
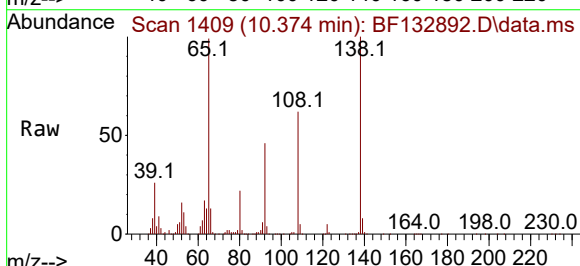
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

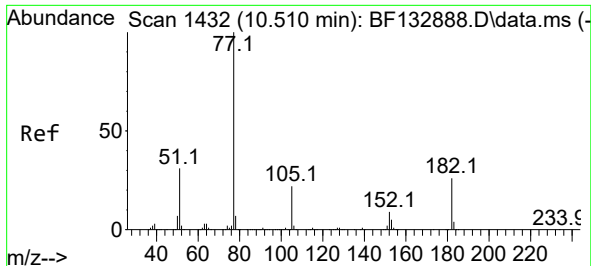
Tgt Ion:204 Resp: 757648
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 62.8 43.1 64.7



#62
4-Nitroaniline
Concen: 43.775 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion:138 Resp: 427936
Ion Ratio Lower Upper
138 100
92 46.4 25.0 65.0
108 62.3 44.2 84.2



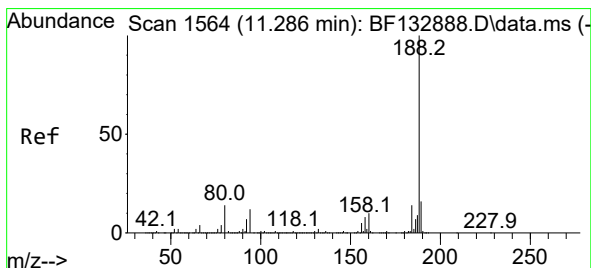
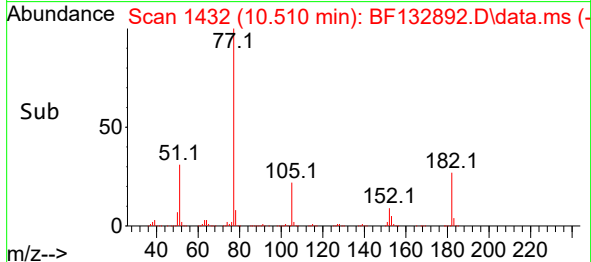
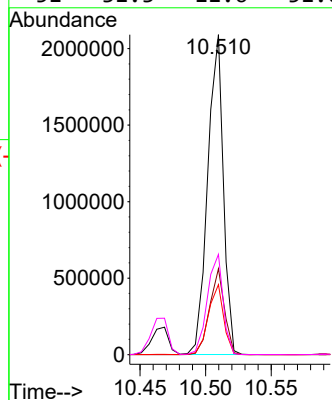
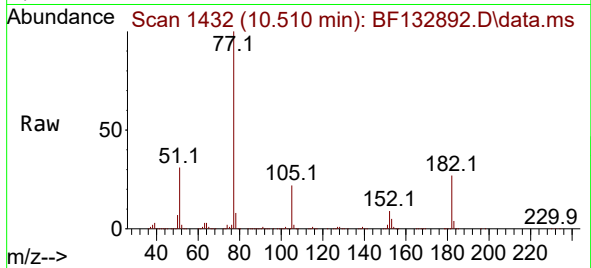


#63
Azobenzene
Concen: 40.926 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Instrument :
BNA_F
ClientSampleId :
ICVBF041723

Tgt Ion: 77 Resp: 1741494

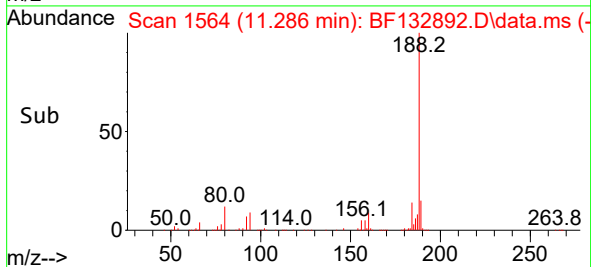
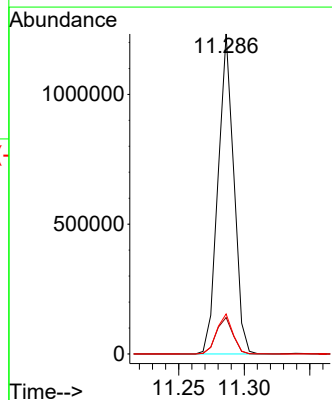
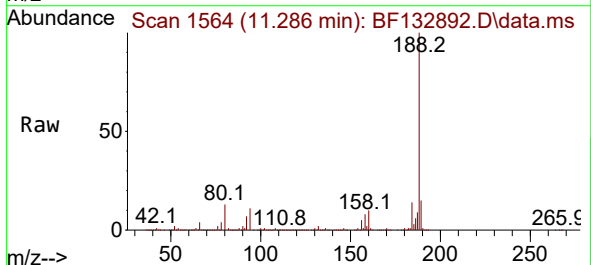
Ion	Ratio	Lower	Upper
77	100		
182	26.8	6.0	46.0
105	21.9	1.6	41.6
51	31.3	11.6	51.6

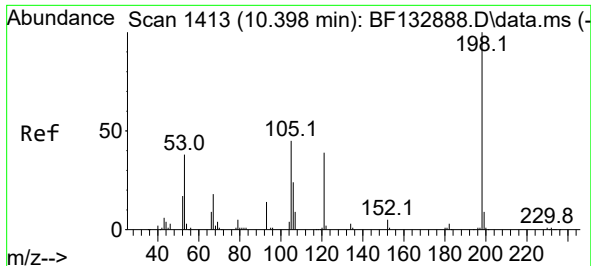


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion: 188 Resp: 1029235

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.9	14.9
80	12.5	10.8	16.2

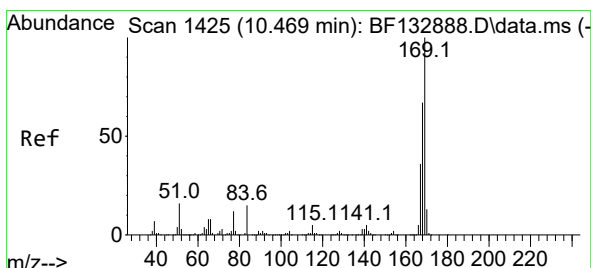
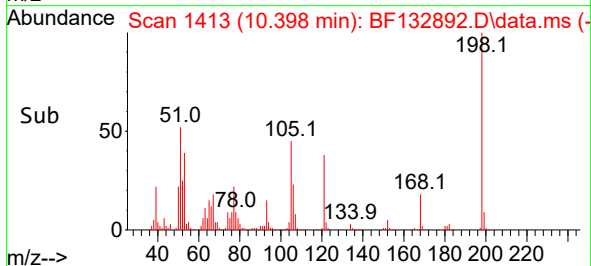
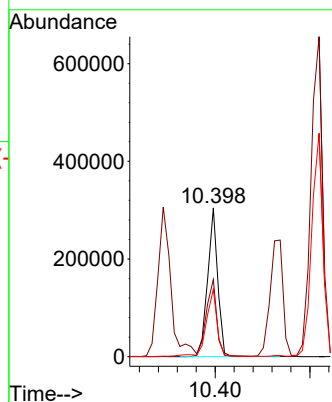
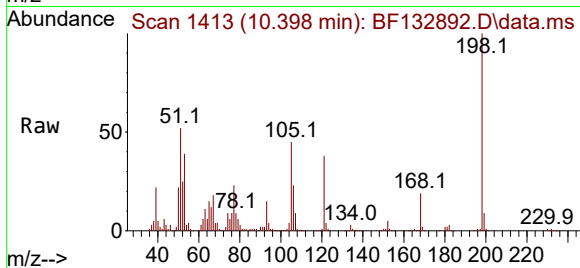




#65
4,6-Dinitro-2-methylphenol
Concen: 45.927 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

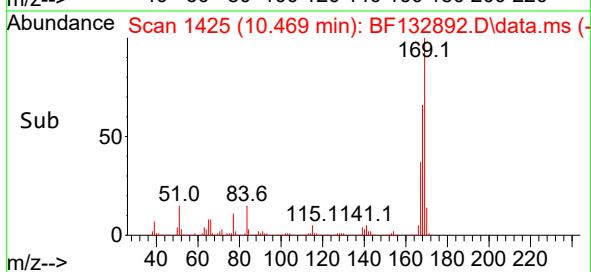
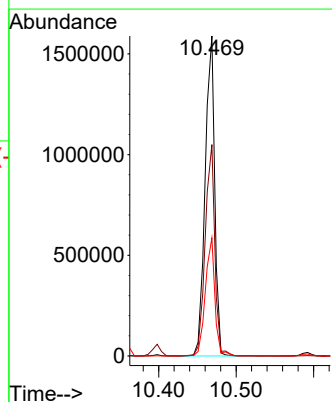
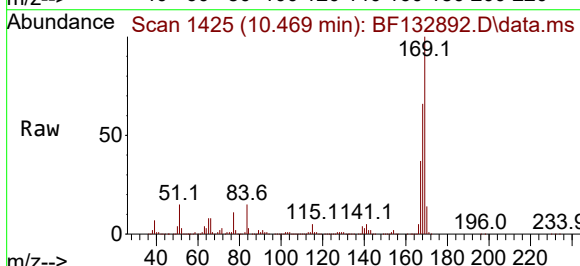
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

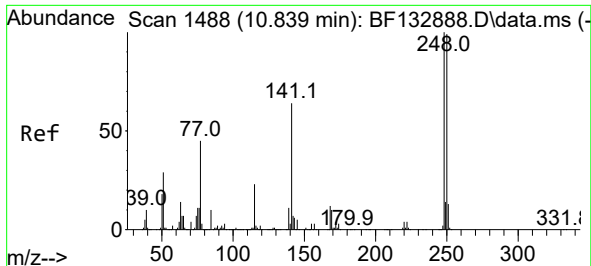
Tgt Ion:198 Resp: 226378
Ion Ratio Lower Upper
198 100
51 51.8 34.6 74.6
105 45.2 25.6 65.6



#66
n-Nitrosodiphenylamine
Concen: 40.489 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion:169 Resp: 1357212
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.0
167 36.9 29.0 43.6

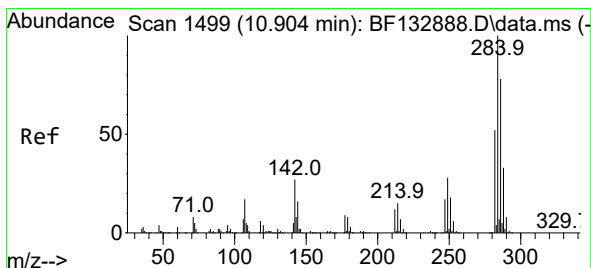
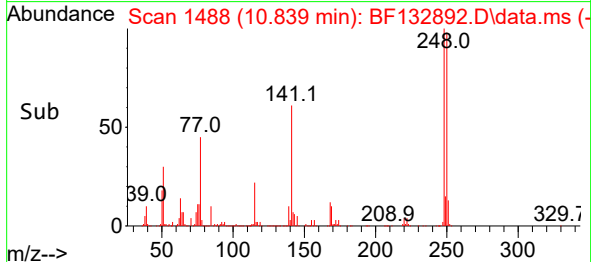
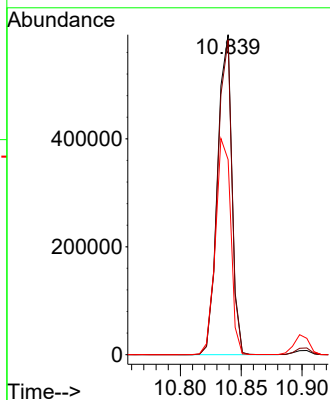
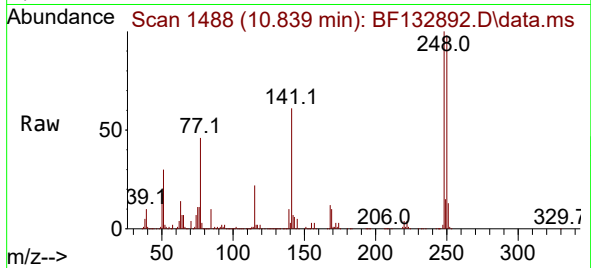




#67
4-Bromophenyl-phenylether
Concen: 41.504 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

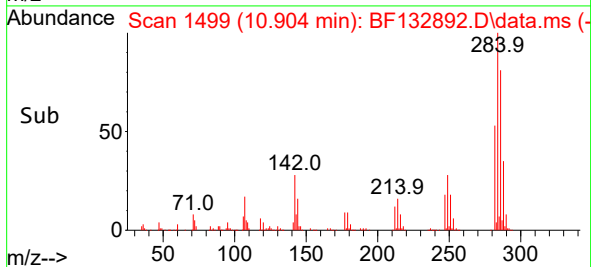
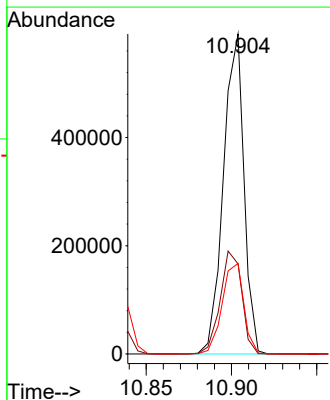
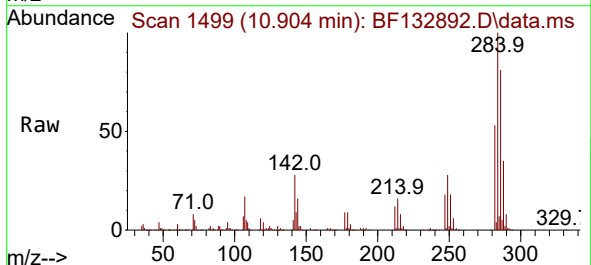
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

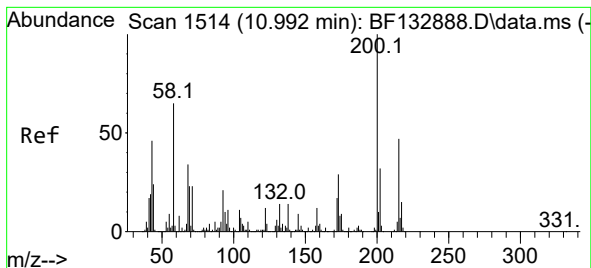
Tgt Ion:248 Resp: 487793
Ion Ratio Lower Upper
248 100
250 98.4 79.1 118.7
141 60.9 51.0 76.6



#68
Hexachlorobenzene
Concen: 40.618 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion:284 Resp: 495262
Ion Ratio Lower Upper
284 100
142 28.1 22.0 33.0
249 28.3 22.6 34.0





#69

Atrazine

Concen: 43.397 ng

RT: 10.992 min Scan# 1514

Delta R.T. 0.000 min

Lab File: BF132892.D

Acq: 17 Apr 2023 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF041723

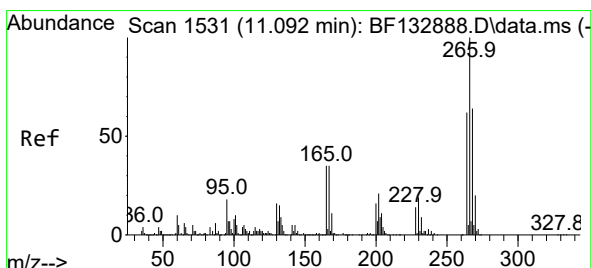
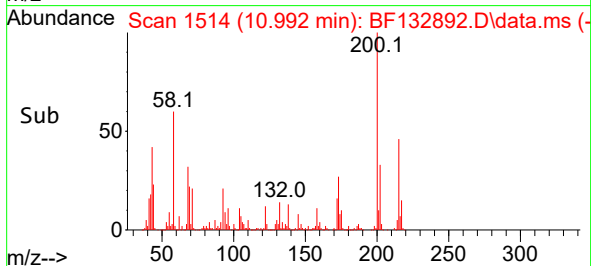
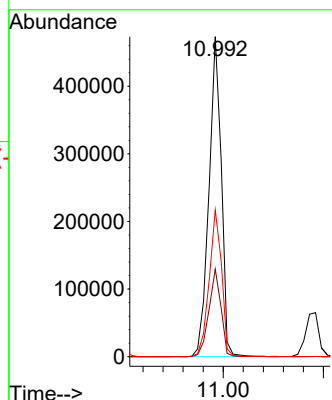
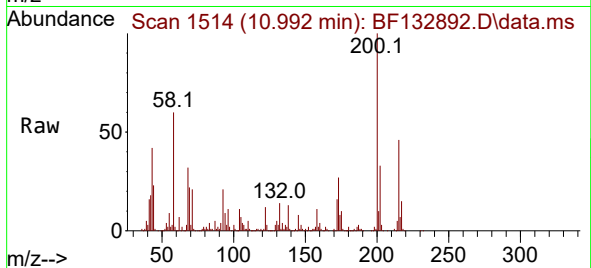
Tgt Ion:200 Resp: 406596

Ion Ratio Lower Upper

200 100

173 27.4 8.7 48.7

215 45.9 27.2 67.2



#70

Pentachlorophenol

Concen: 44.281 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF132892.D

Acq: 17 Apr 2023 16:35

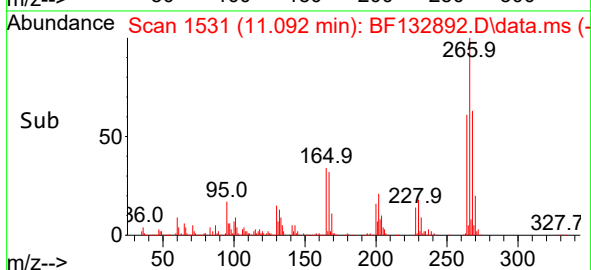
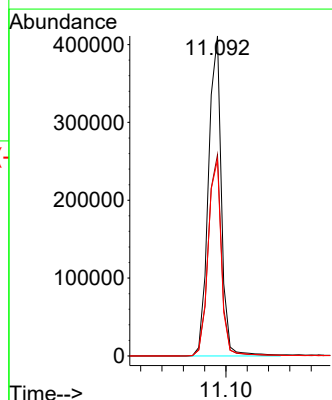
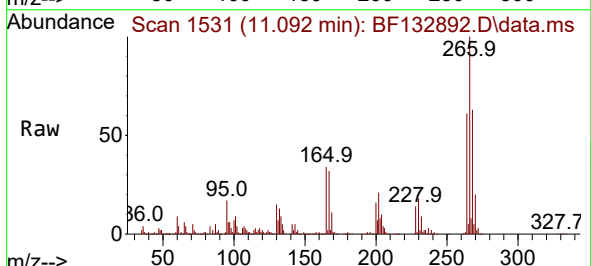
Tgt Ion:266 Resp: 348418

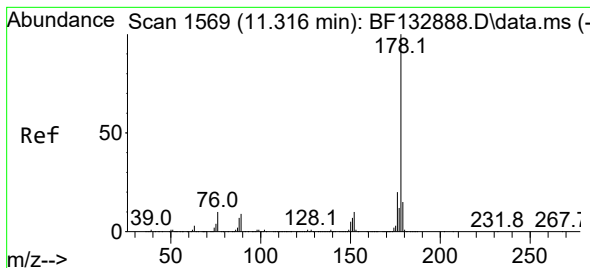
Ion Ratio Lower Upper

266 100

268 62.9 50.9 76.3

264 61.3 49.8 74.6





#71

Phenanthrene

Concen: 39.908 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BF132892.D

Acq: 17 Apr 2023 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF041723

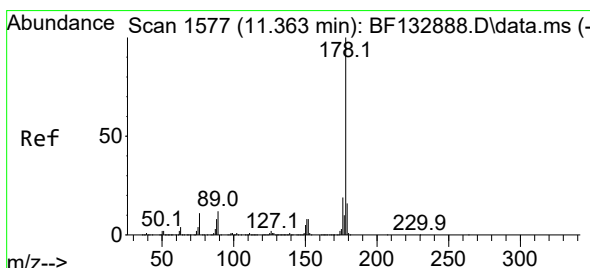
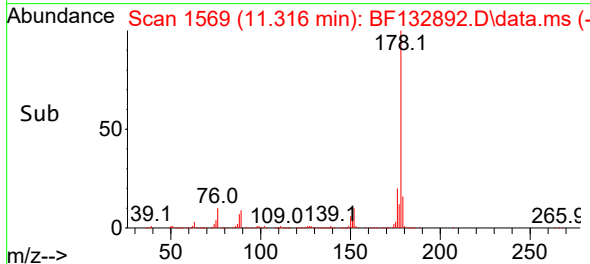
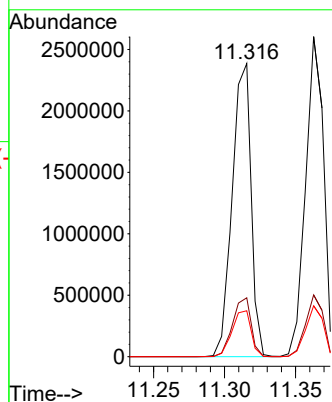
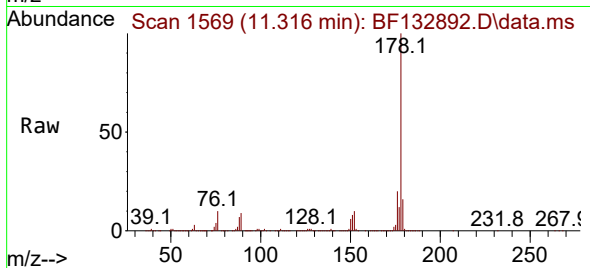
Tgt Ion:178 Resp: 2209353

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

179 15.6 12.3 18.5



#72

Anthracene

Concen: 40.405 ng

RT: 11.363 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BF132892.D

Acq: 17 Apr 2023 16:35

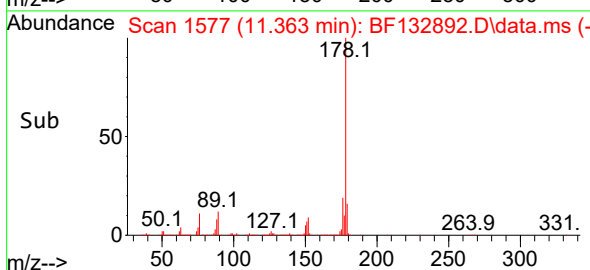
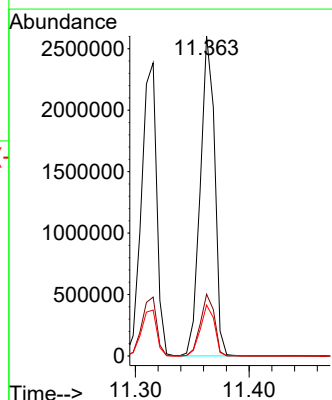
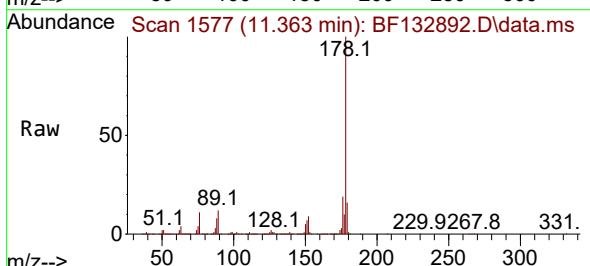
Tgt Ion:178 Resp: 2289837

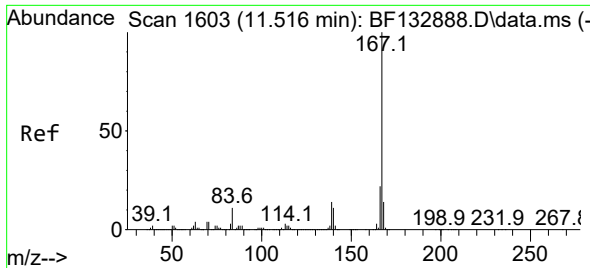
Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.9 12.8 19.2

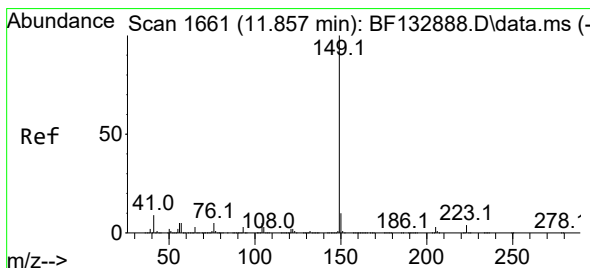
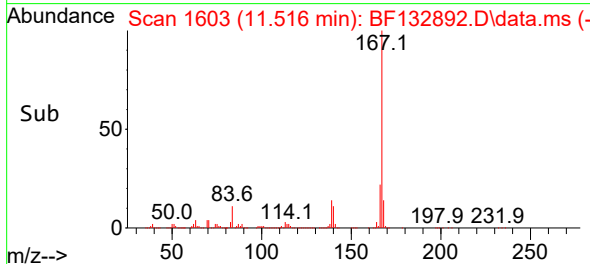
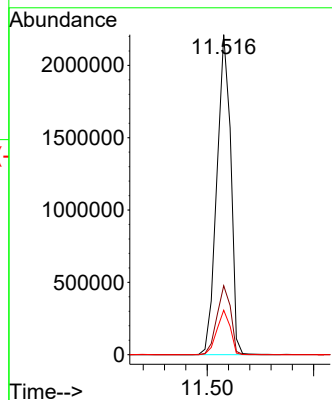
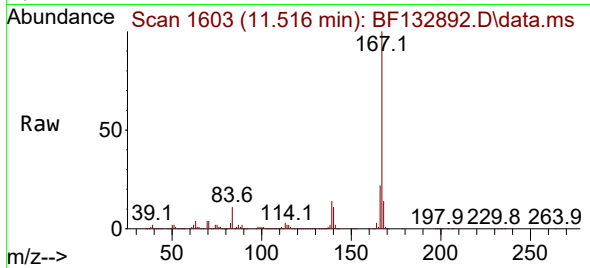




#73
 Carbazole
 Concen: 40.600 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. 0.000 min
 Lab File: BF132892.D
 Acq: 17 Apr 2023 16:35

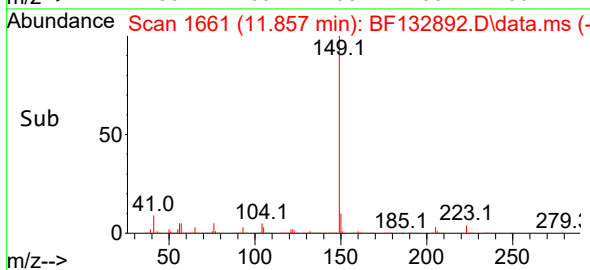
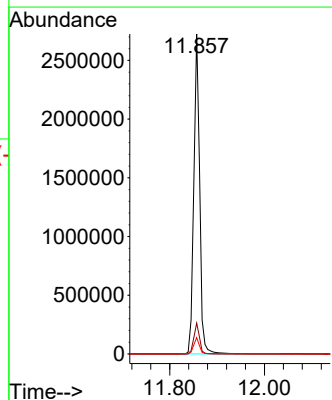
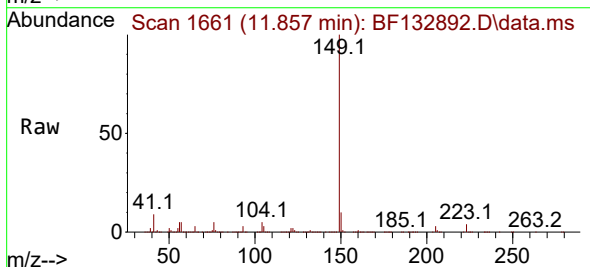
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041723

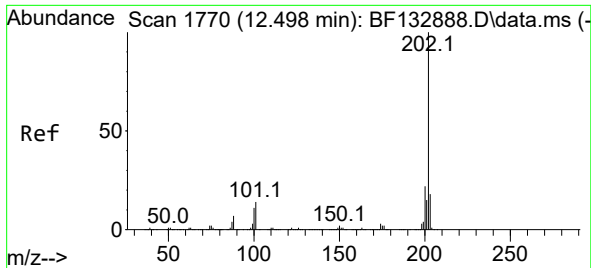
Tgt Ion:167 Resp: 1990857
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.9 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 44.543 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: BF132892.D
 Acq: 17 Apr 2023 16:35

Tgt Ion:149 Resp: 2341517
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 5.1 4.2 6.2

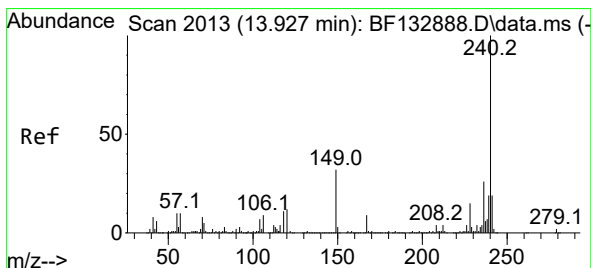
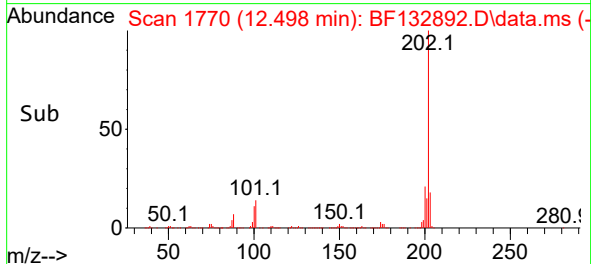
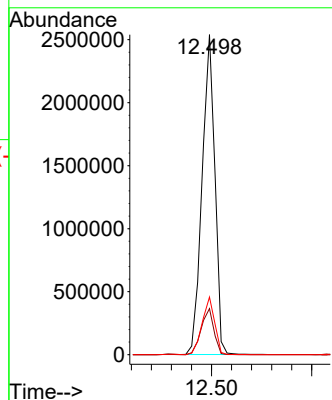
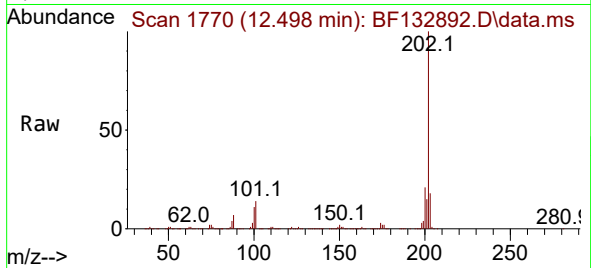




#75
Fluoranthene
Concen: 40.990 ng
RT: 12.498 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

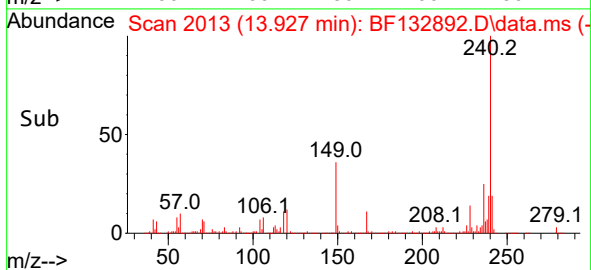
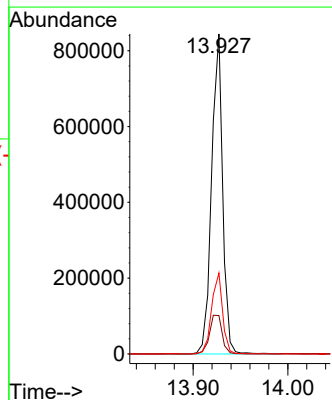
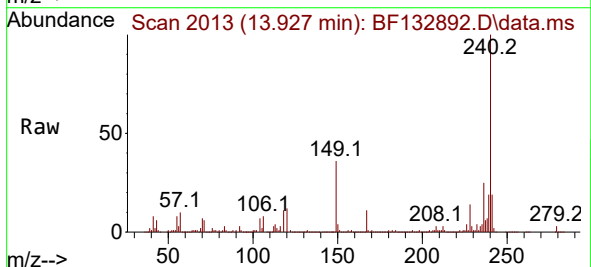
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

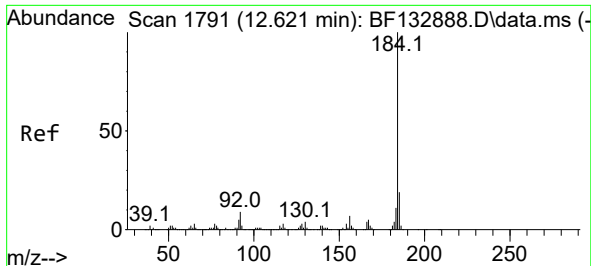
Tgt Ion:202 Resp: 2256633
Ion Ratio Lower Upper
202 100
101 14.4 0.0 34.5
203 18.0 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion:240 Resp: 682433
Ion Ratio Lower Upper
240 100
120 12.0 10.0 15.0
236 25.3 20.8 31.2

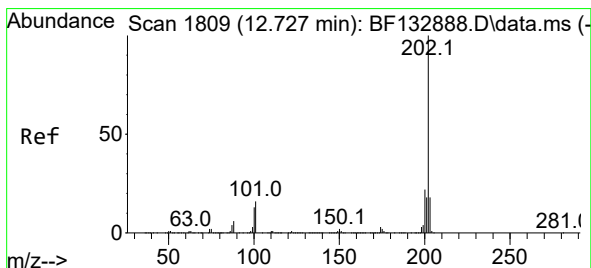
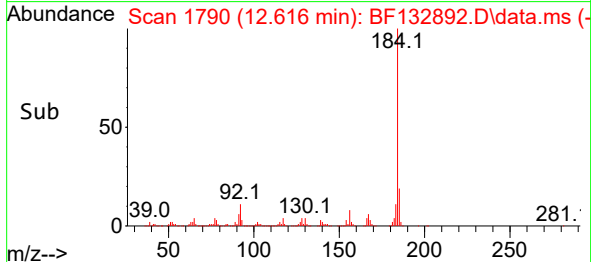
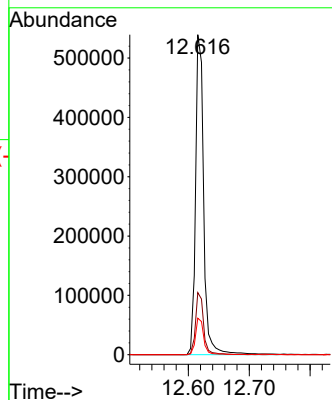
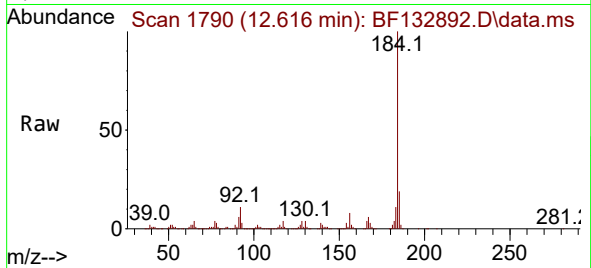




#77
Benzidine
Concen: 47.036 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.005 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

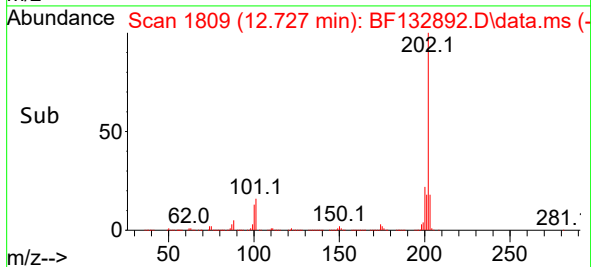
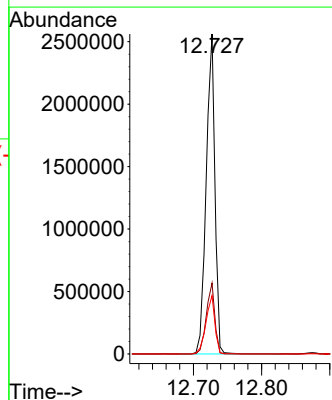
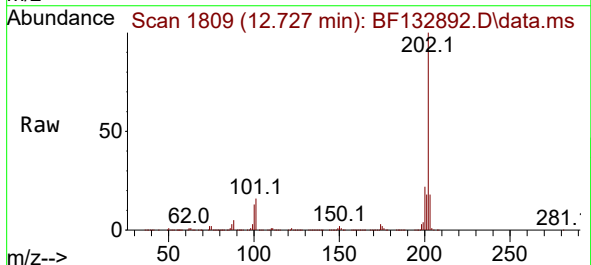
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

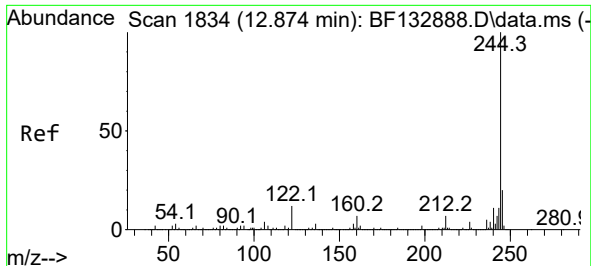
Tgt Ion:184 Resp: 500019
Ion Ratio Lower Upper
184 100
185 19.4 14.9 22.3
183 11.4 9.0 13.6



#78
Pyrene
Concen: 40.839 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion:202 Resp: 2278872
Ion Ratio Lower Upper
202 100
200 22.1 17.6 26.4
203 18.3 14.6 22.0

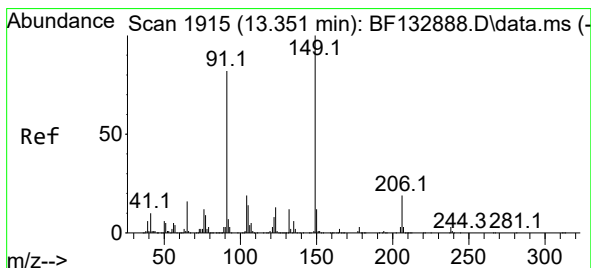
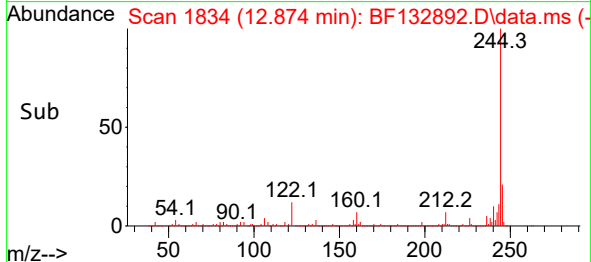
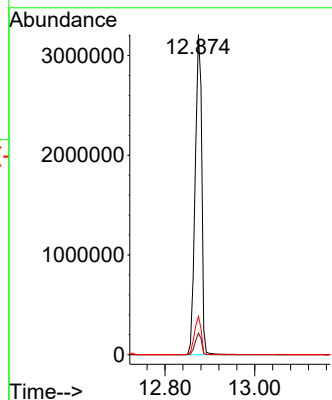
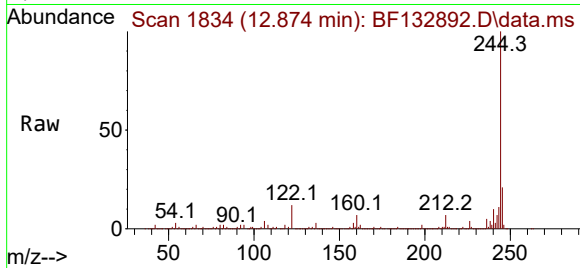




#79
 Terphenyl-d14
 Concen: 81.352 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: BF132892.D
 Acq: 17 Apr 2023 16:35

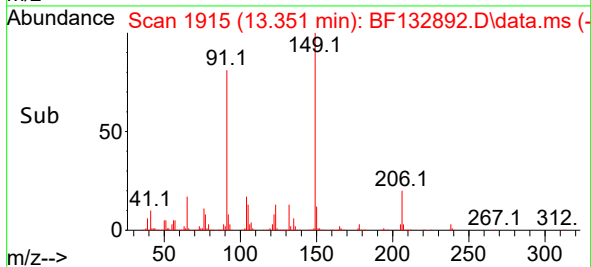
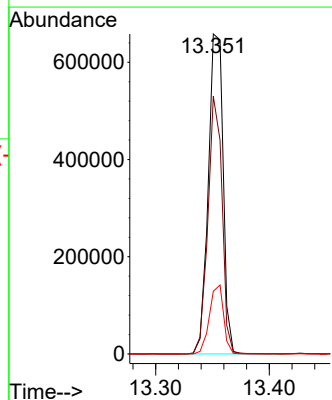
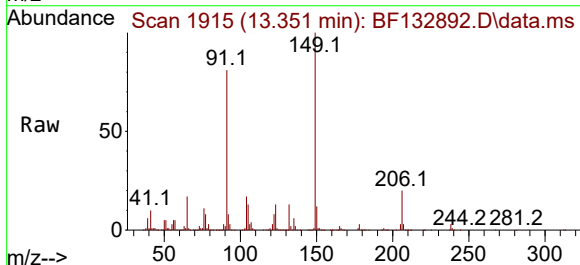
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041723

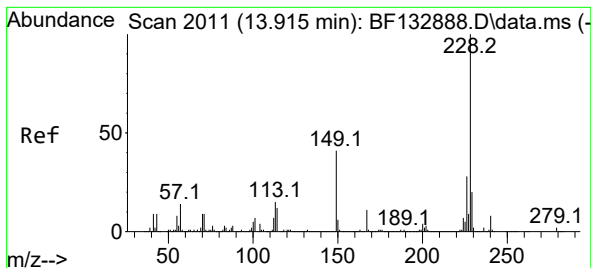
Tgt Ion:244 Resp: 3254088
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.0 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 44.771 ng
 RT: 13.351 min Scan# 1915
 Delta R.T. -0.000 min
 Lab File: BF132892.D
 Acq: 17 Apr 2023 16:35

Tgt Ion:149 Resp: 597687
 Ion Ratio Lower Upper
 149 100
 91 80.5 65.4 98.0
 206 19.6 15.6 23.4





#81

Benzo(a)anthracene

Concen: 41.768 ng

RT: 13.915 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF132892.D

Acq: 17 Apr 2023 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF041723

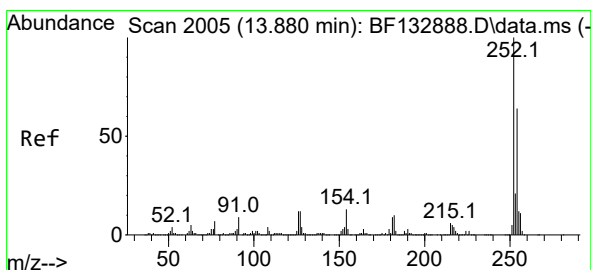
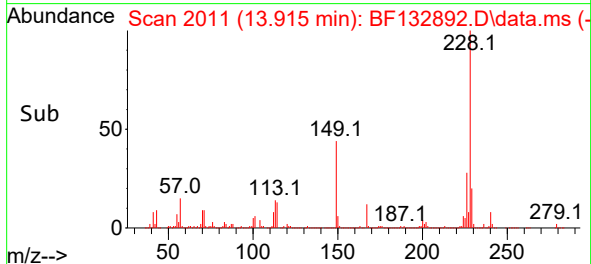
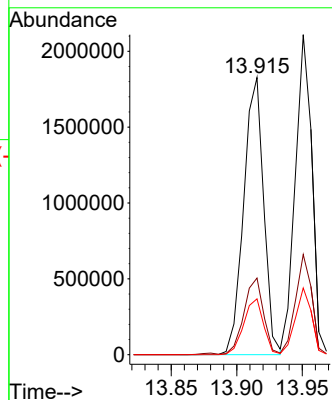
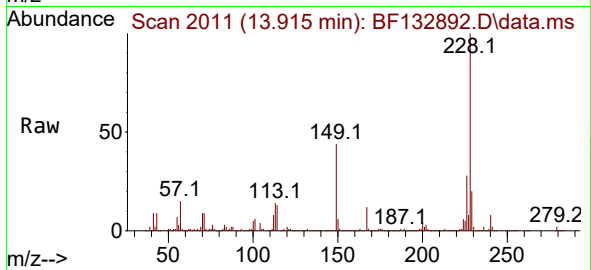
Tgt Ion:228 Resp: 1938465

Ion Ratio Lower Upper

228 100

226 27.7 22.4 33.6

229 20.1 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 46.363 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF132892.D

Acq: 17 Apr 2023 16:35

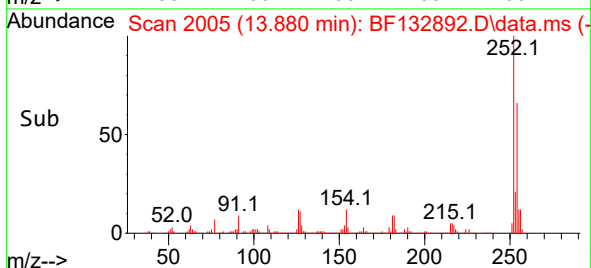
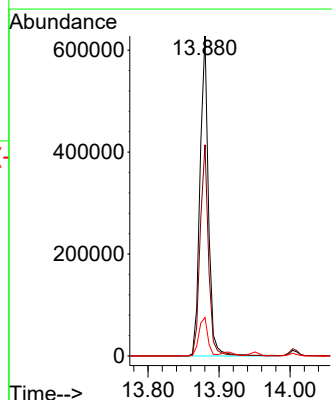
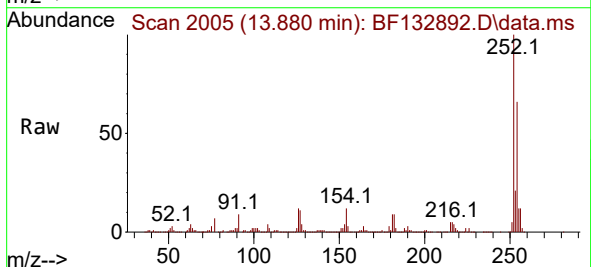
Tgt Ion:252 Resp: 520492

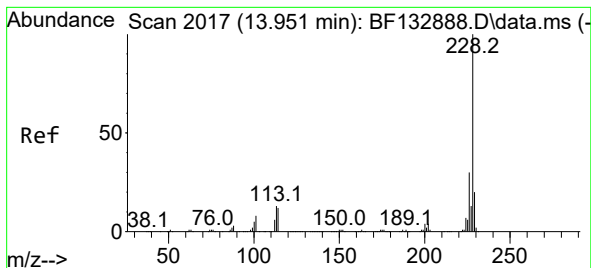
Ion Ratio Lower Upper

252 100

254 66.0 51.0 76.6

126 12.0 9.8 14.6





#83

Chrysene

Concen: 40.574 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF132892.D

Acq: 17 Apr 2023 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF041723

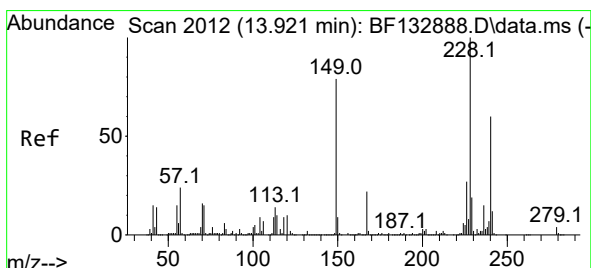
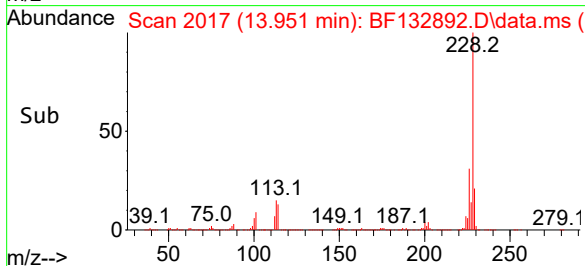
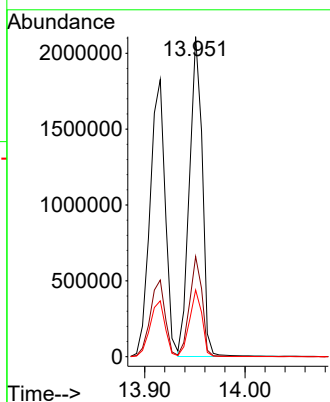
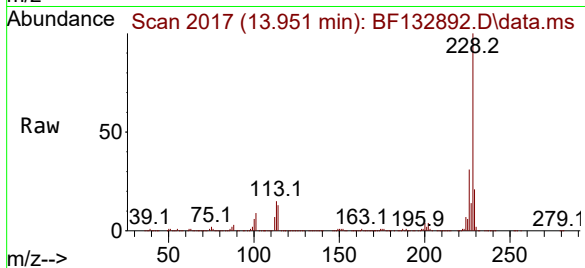
Tgt Ion:228 Resp: 1871634

Ion Ratio Lower Upper

228 100

226 31.3 24.3 36.5

229 20.8 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.506 ng

RT: 13.921 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF132892.D

Acq: 17 Apr 2023 16:35

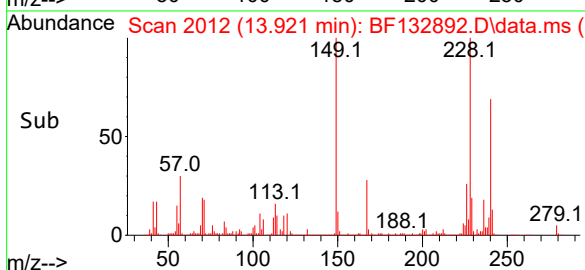
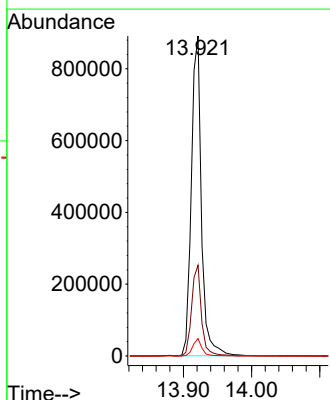
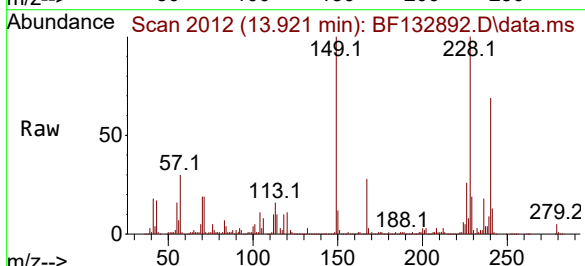
Tgt Ion:149 Resp: 909152

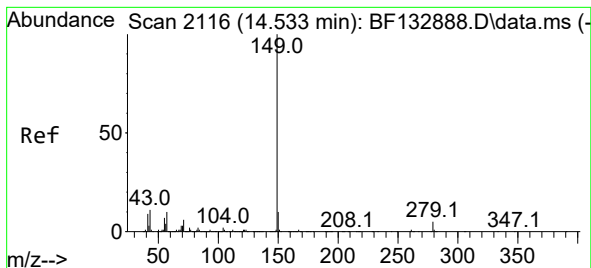
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.4

279 5.4 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 44.999 ng

RT: 14.533 min Scan# 2116

Delta R.T. 0.000 min

Lab File: BF132892.D

Acq: 17 Apr 2023 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF041723

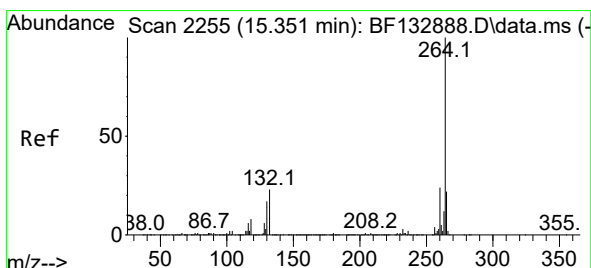
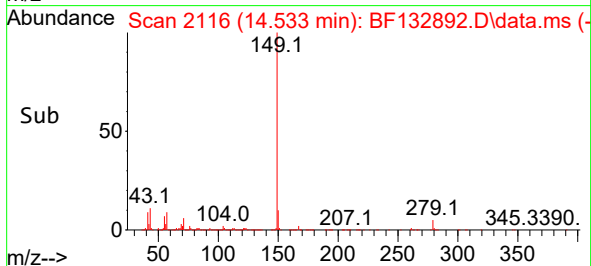
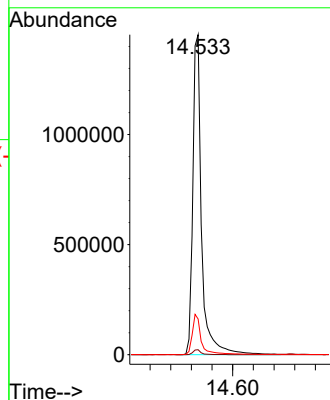
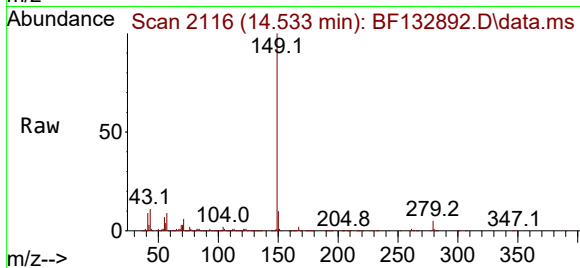
Tgt Ion:149 Resp: 1708764

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 13.3 11.5 17.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.351 min Scan# 2255

Delta R.T. -0.000 min

Lab File: BF132892.D

Acq: 17 Apr 2023 16:35

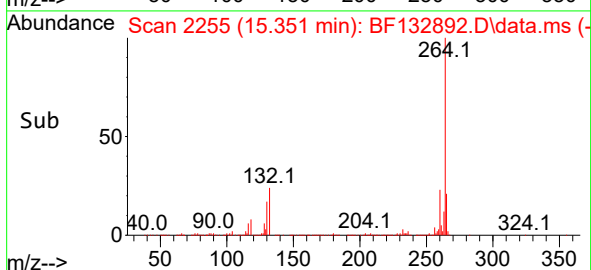
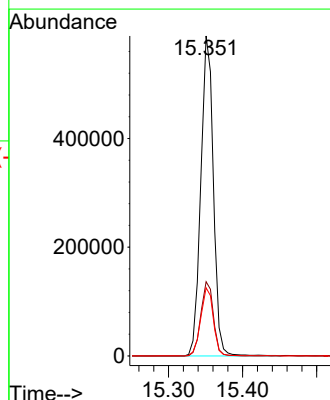
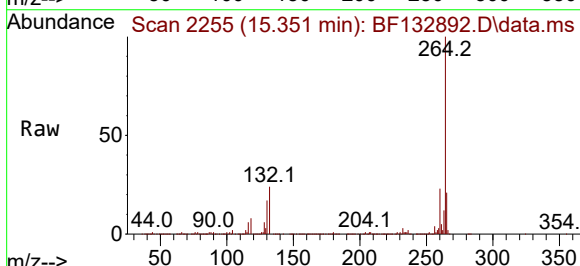
Tgt Ion:264 Resp: 692912

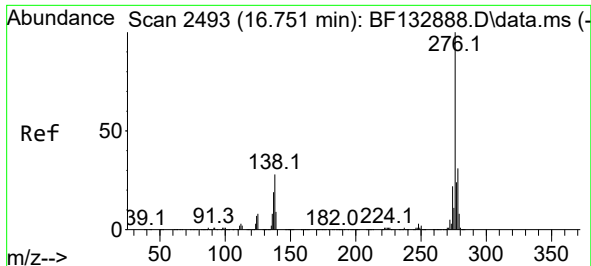
Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 21.3 17.7 26.5

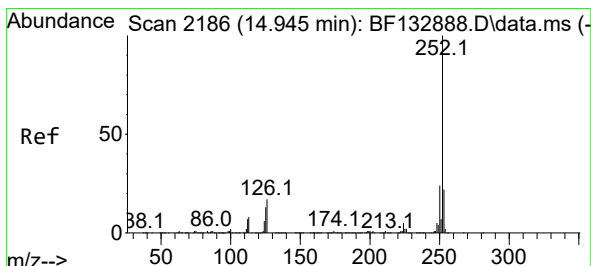
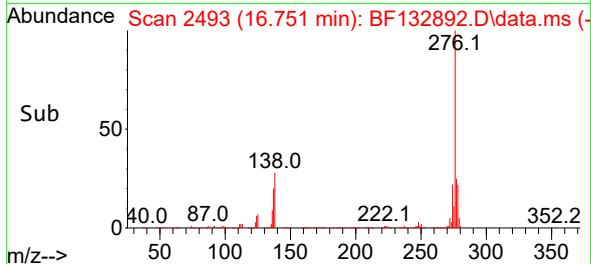
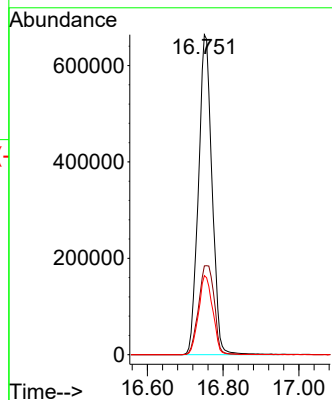
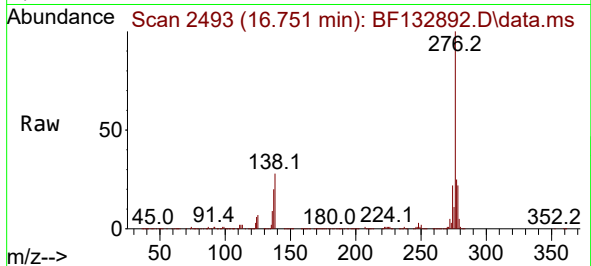




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.884 ng
RT: 16.751 min Scan# 2493
Delta R.T. -0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

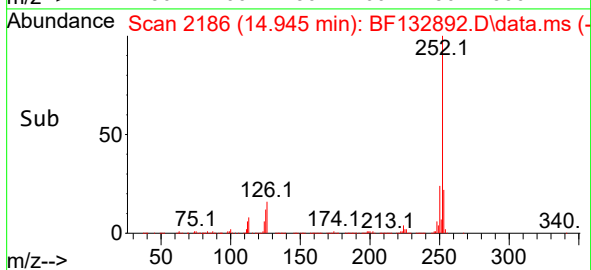
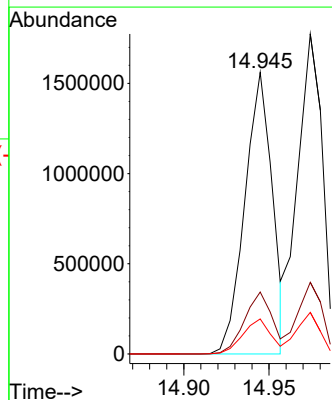
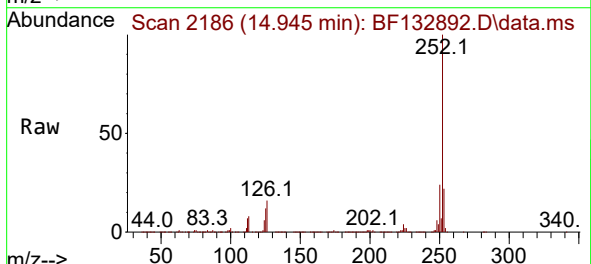
Instrument :
BNA_F
ClientSampleId :
ICVBF041723

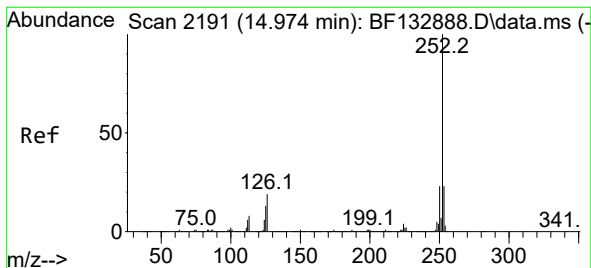
Tgt Ion:276 Resp: 1658333
Ion Ratio Lower Upper
276 100
138 32.0 25.5 38.3
277 25.6 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 40.719 ng
RT: 14.945 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion:252 Resp: 1757514
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 12.4 10.0 15.0





#89

Benzo(k)fluoranthene

Concen: 42.557 ng

RT: 14.974 min Scan# 2191

Delta R.T. 0.000 min

Lab File: BF132892.D

Acq: 17 Apr 2023 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF041723

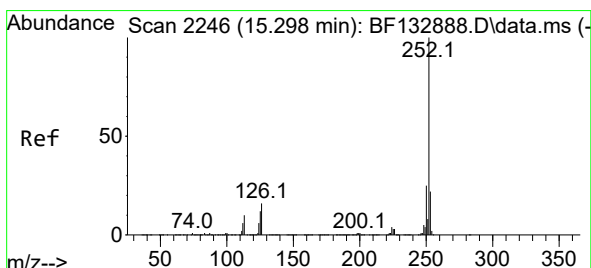
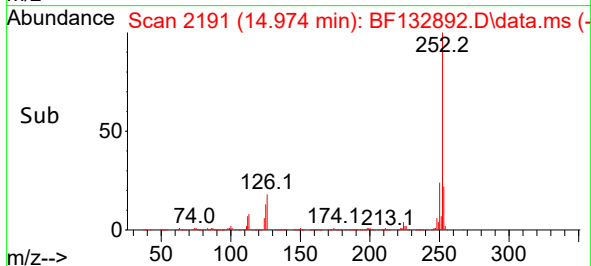
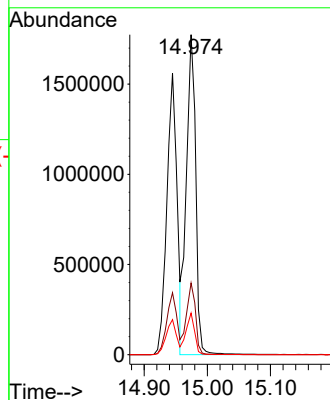
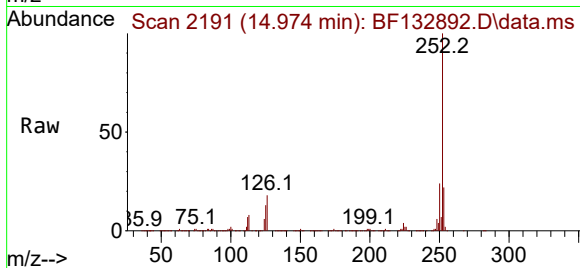
Tgt Ion:252 Resp: 1829775

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

125 13.0 10.0 15.0



#90

Benzo(a)pyrene

Concen: 42.461 ng

RT: 15.298 min Scan# 2246

Delta R.T. 0.000 min

Lab File: BF132892.D

Acq: 17 Apr 2023 16:35

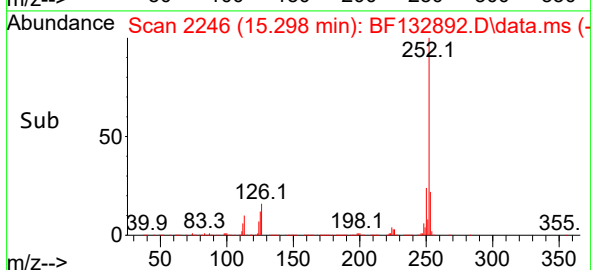
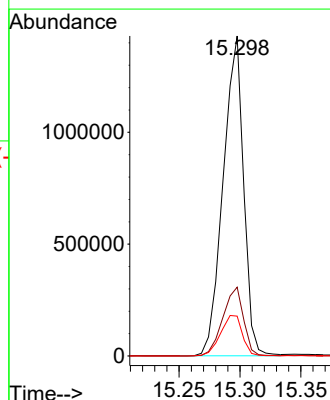
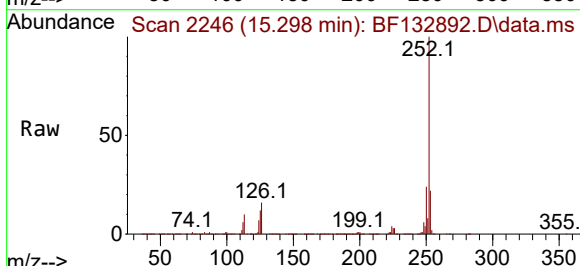
Tgt Ion:252 Resp: 1674327

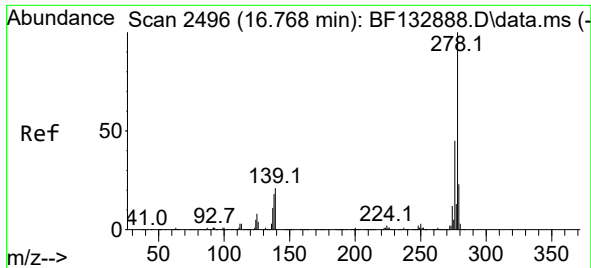
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 12.5 9.9 14.9

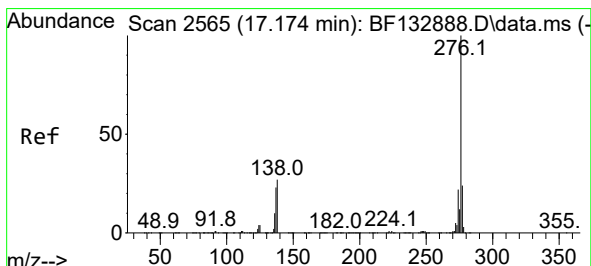
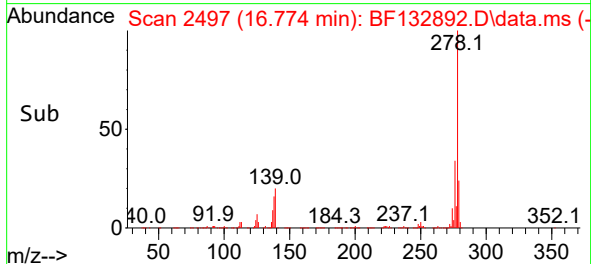
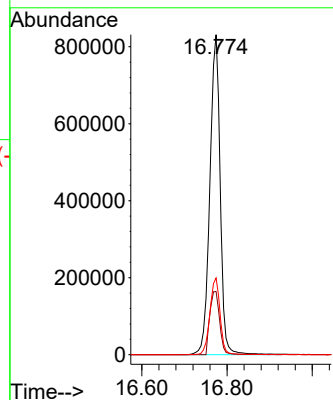
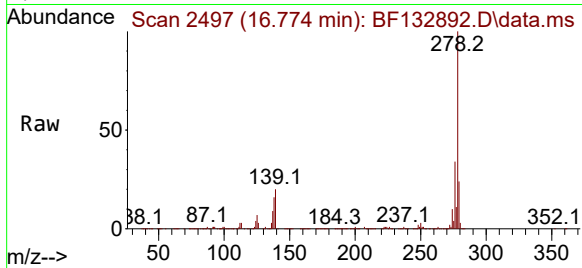




#91
Dibenzo(a,h)anthracene
Concen: 41.481 ng
RT: 16.774 min Scan# 2496
Delta R.T. 0.006 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Instrument :
BNA_F
ClientSampleId :
ICVBF041723

Tgt Ion:278 Resp: 1399415
Ion Ratio Lower Upper
278 100
139 19.8 16.7 25.1
279 24.0 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 40.238 ng
RT: 17.174 min Scan# 2565
Delta R.T. 0.000 min
Lab File: BF132892.D
Acq: 17 Apr 2023 16:35

Tgt Ion:276 Resp: 1299731
Ion Ratio Lower Upper
276 100
277 23.2 18.9 28.3
138 27.5 21.7 32.5

