

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
 Data File : BF132673.D
 Acq On : 07 Mar 2023 12:03
 Operator : CG\JU
 Sample : PB151052BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151052BS

Quant Time: Mar 08 04:37:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.992	152	285824	20.000	ng	0.00
21) Naphthalene-d8	8.281	136	1080327	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	588820	20.000	ng	0.00
64) Phenanthrene-d10	11.539	188	1111901	20.000	ng	0.00
76) Chrysene-d12	14.198	240	614919	20.000	ng	# 0.00
86) Perylene-d12	15.739	264	554134	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	1987539	112.857	ng	0.02
7) Phenol-d6	6.634	99	2627152	114.303	ng	0.01
23) Nitrobenzene-d5	7.569	82	1776685	78.026	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	783625	123.231	ng	0.01
45) 2-Fluorobiphenyl	9.357	172	2655440	68.668	ng	0.00
79) Terphenyl-d14	13.133	244	3241606	89.129	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.946	88	262765	26.973	ng	96
3) Pyridine	3.699	79	712685	27.561	ng	95
4) n-Nitrosodimethylamine	3.675	42	378913	38.793	ng	87
6) Aniline	6.657	93	1092114	35.308	ng	97
8) 2-Chlorophenol	6.781	128	849637	46.484	ng	98
9) Benzaldehyde	6.540	77	195318	15.749	ng	99
10) Phenol	6.645	94	983484	37.323	ng	88
11) bis(2-Chloroethyl)ether	6.728	93	900849	44.285	ng	97
12) 1,3-Dichlorobenzene	6.934	146	813320	41.465	ng	99
13) 1,4-Dichlorobenzene	7.010	146	809412	41.327	ng	99
14) 1,2-Dichlorobenzene	7.163	146	800177	42.570	ng	99
15) Benzyl Alcohol	7.140	79	781373	44.142	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.263	45	1057056	40.749	ng	94
17) 2-Methylphenol	7.245	107	696741	40.844	ng	99
18) Hexachloroethane	7.504	117	327796	42.839	ng	99
19) n-Nitroso-di-n-propyla...	7.416	70	546463	38.632	ng	93
20) 3+4-Methylphenols	7.404	107	743249	33.725	ng	# 88
22) Acetophenone	7.410	105	1045751	38.389	ng	# 89
24) Nitrobenzene	7.587	77	928805	38.140	ng	99
25) Isophorone	7.822	82	1861037	42.630	ng	100
26) 2-Nitrophenol	7.898	139	461562	42.957	ng	96
27) 2,4-Dimethylphenol	7.934	122	727876	42.921	ng	99
28) bis(2-Chloroethoxy)met...	8.022	93	1042963	40.839	ng	99
29) 2,4-Dichlorophenol	8.139	162	685058	40.610	ng	98
30) 1,2,4-Trichlorobenzene	8.222	180	759000	41.435	ng	98
31) Naphthalene	8.304	128	2081725	37.640	ng	99
32) Benzoic acid	8.087	122	628765	47.127	ng	97
33) 4-Chloroaniline	8.345	127	610635	25.765	ng	97
34) Hexachlorobutadiene	8.410	225	482857	41.483	ng	98
35) Caprolactam	8.745	113	158068	28.422	ng	98
36) 4-Chloro-3-methylphenol	8.834	107	768222	41.467	ng	99
37) 2-Methylnaphthalene	8.998	142	1400926	37.169	ng	100
38) 1-Methylnaphthalene	9.098	142	1298873	36.875	ng	99
40) 1,2,4,5-Tetrachloroben...	9.163	216	748357	38.846	ng	98
41) Hexachlorocyclopentadiene	9.145	237	826706	79.118	ng	98
43) 2,4,6-Trichlorophenol	9.275	196	541722	41.493	ng	99

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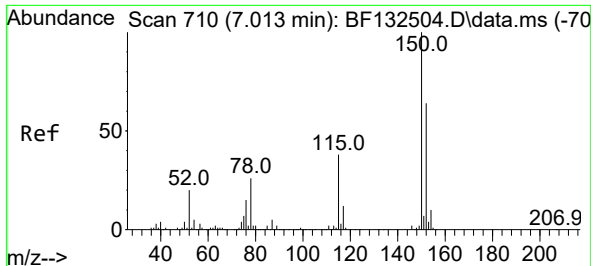
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.328	196	566252	37.161	ng	99
46) 1,1'-Biphenyl	9.463	154	1680951	37.717	ng	98
47) 2-Chloronaphthalene	9.492	162	1383218	39.146	ng	100
48) 2-Nitroaniline	9.586	65	493250	37.902	ng	95
49) Acenaphthylene	9.910	152	2033331	36.157	ng	100
50) Dimethylphthalate	9.763	163	1760299	41.058	ng	100
51) 2,6-Dinitrotoluene	9.828	165	394028	40.355	ng	98
52) Acenaphthene	10.081	154	1241480	34.767	ng	99
53) 3-Nitroaniline	9.998	138	347090	31.778	ng	99
54) 2,4-Dinitrophenol	10.116	184	499321	81.126	ng	93
55) Dibenzofuran	10.251	168	1829174	35.137	ng	96
56) 4-Nitrophenol	10.169	139	639037	78.453	ng	94
57) 2,4-Dinitrotoluene	10.239	165	514451	39.604	ng	98
58) Fluorene	10.598	166	1466515	36.829	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.369	232	485715	42.911	ng	98
60) Diethylphthalate	10.463	149	1625606	38.823	ng	99
61) 4-Chlorophenyl-phenyle...	10.580	204	772831	37.412	ng	99
62) 4-Nitroaniline	10.633	138	440960	41.129	ng	92
63) Azobenzene	10.745	77	1634923	36.868	ng	99
65) 4,6-Dinitro-2-methylph...	10.651	198	331610	44.056	ng	100
66) n-Nitrosodiphenylamine	10.710	169	1354963	39.088	ng	99
67) 4-Bromophenyl-phenylether	11.075	248	509349	40.497	ng	97
68) Hexachlorobenzene	11.145	284	579541	43.791	ng	# 92
69) Atrazine	11.233	200	480897	44.438	ng	97
70) Pentachlorophenol	11.345	266	605752	76.931	ng	98
71) Phenanthrene	11.569	178	2177373	37.800	ng	100
72) Anthracene	11.622	178	2204276	37.161	ng	99
73) Carbazole	11.775	167	2067880	38.666	ng	100
74) Di-n-butylphthalate	12.086	149	2439597	38.889	ng	99
75) Fluoranthene	12.763	202	2348718	37.299	ng	98
77) Benzidine	12.874	184	598019	39.951	ng	99
78) Pyrene	12.992	202	2398684	42.905	ng	99
80) Butylbenzylphthalate	13.598	149	954411	43.260	ng	98
81) Benzo(a)anthracene	14.186	228	1888143	41.038	ng	98
82) 3,3'-Dichlorobenzidine	14.145	252	454346	33.495	ng	99
83) Chrysene	14.227	228	1736295	40.356	ng	99
84) Bis(2-ethylhexyl)phtha...	14.151	149	1114204	41.111	ng	100
85) Di-n-octyl phthalate	14.780	149	1769268	44.674	ng	98
87) Indeno(1,2,3-cd)pyrene	17.345	276	1758616	48.434	ng	99
88) Benzo(b)fluoranthene	15.286	252	1703466	45.872	ng	99
89) Benzo(k)fluoranthene	15.315	252	1562827	43.001	ng	98
90) Benzo(a)pyrene	15.680	252	1464511	42.137	ng	99
91) Dibenzo(a,h)anthracene	17.368	278	1429599	48.324	ng	98
92) Benzo(g,h,i)perylene	17.839	276	1518690	45.512	ng	99

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

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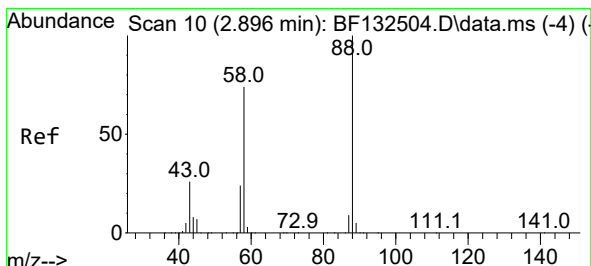
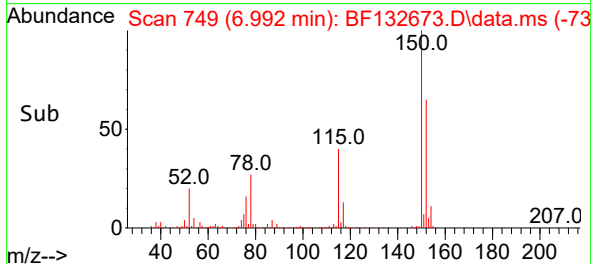
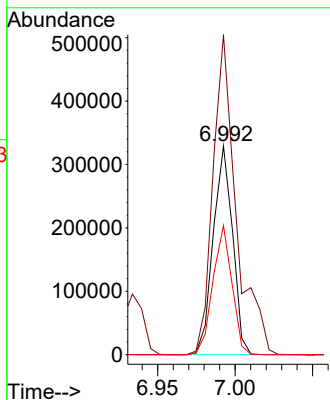
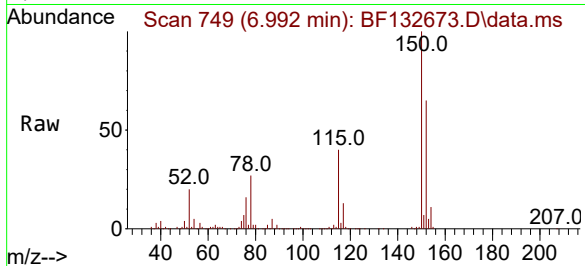




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.992 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

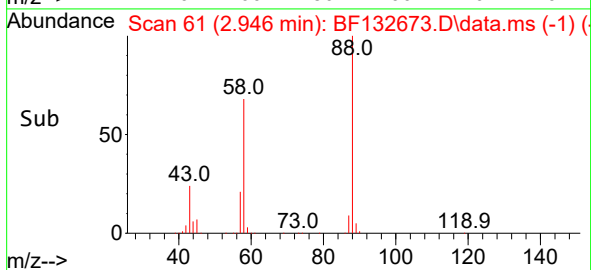
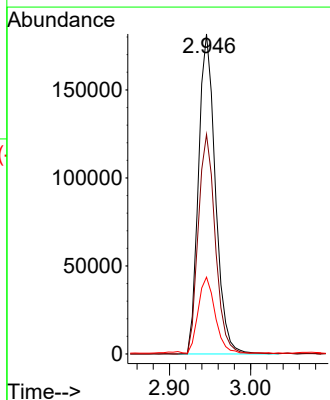
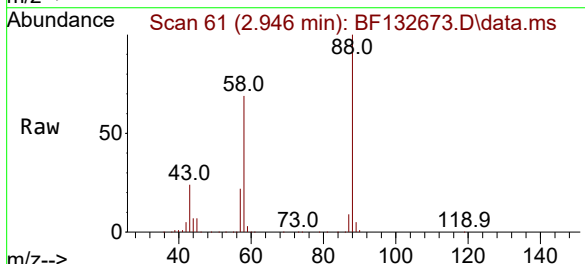
Instrument :
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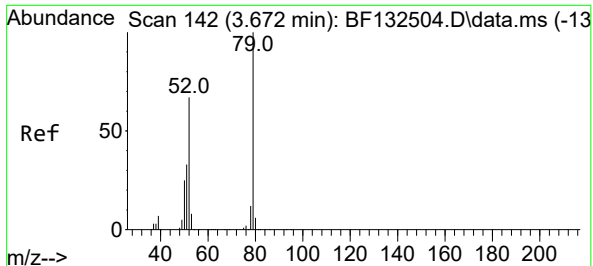
Tgt Ion:152 Resp: 285824
Ion Ratio Lower Upper
152 100
150 153.4 125.4 188.2
115 61.9 47.8 71.6



#2
1,4-Dioxane
Concen: 26.973 ng
RT: 2.946 min Scan# 61
Delta R.T. 0.106 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion: 88 Resp: 262765
Ion Ratio Lower Upper
88 100
58 69.3 58.3 87.5
43 23.6 20.7 31.1

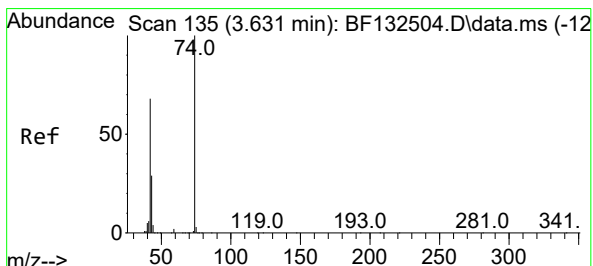
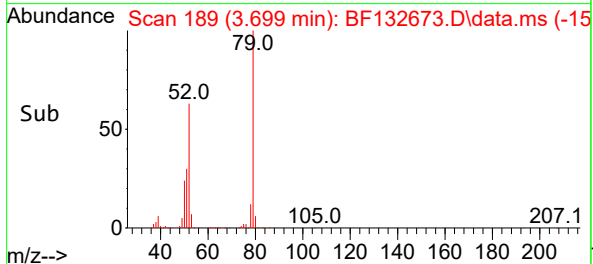
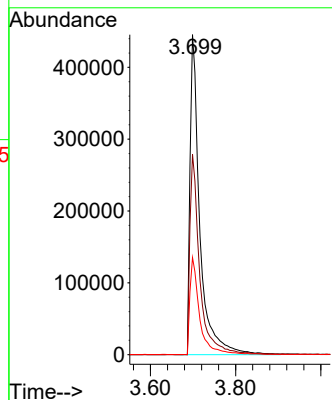
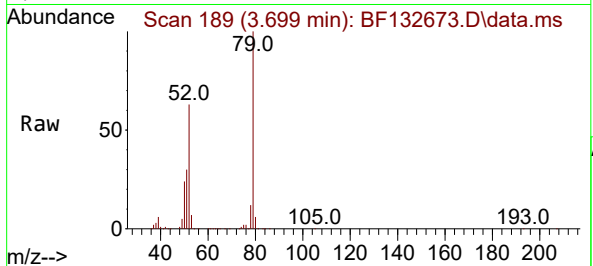




#3
Pyridine
Concen: 27.561 ng
RT: 3.699 min Scan# 11
Delta R.T. 0.076 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

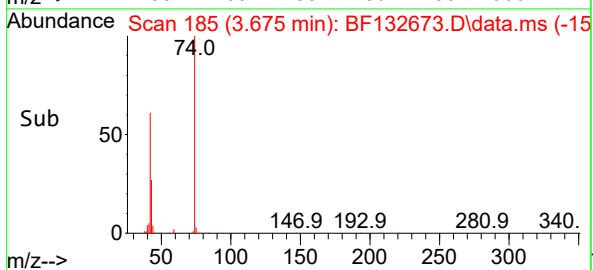
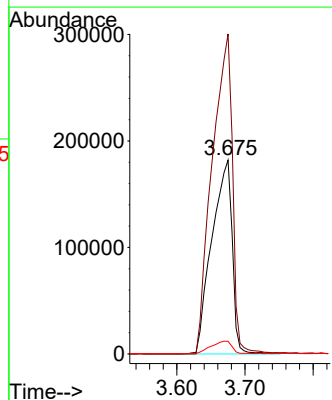
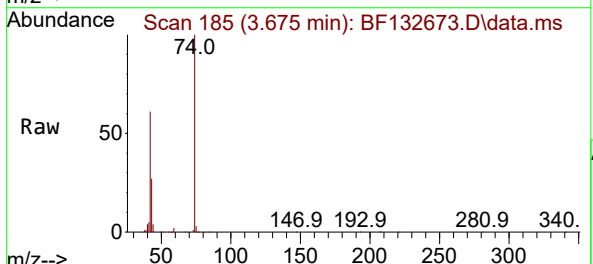
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ClientSampleId :
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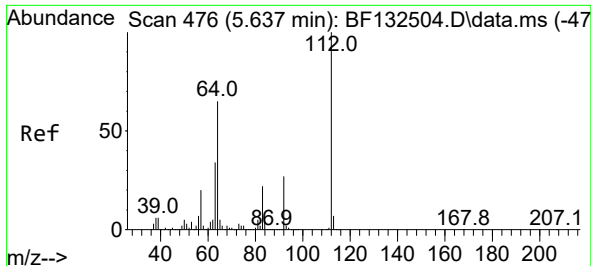
Tgt Ion: 79 Resp: 712685
Ion Ratio Lower Upper
79 100
52 62.6 53.7 80.5
51 30.4 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 38.793 ng
RT: 3.675 min Scan# 185
Delta R.T. 0.082 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion: 42 Resp: 378913
Ion Ratio Lower Upper
42 100
74 165.1 118.2 177.2
44 6.5 5.3 7.9

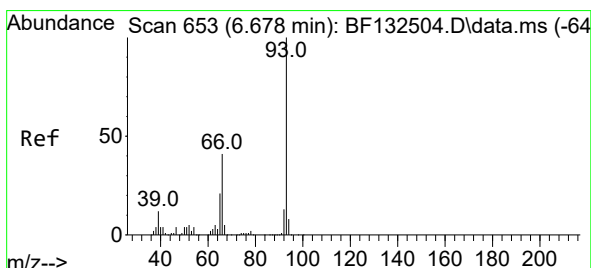
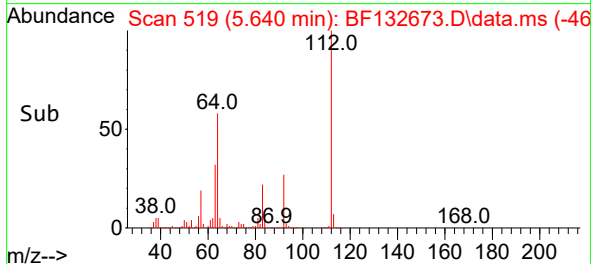
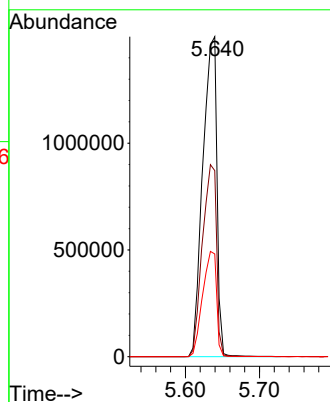
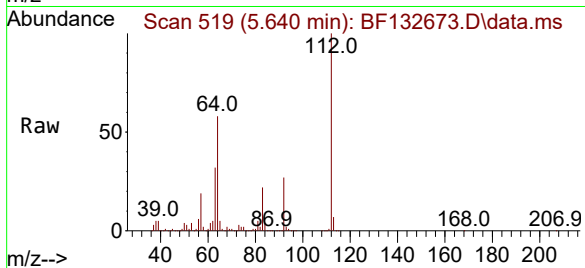




#5
2-Fluorophenol
Concen: 112.857 ng
RT: 5.640 min Scan# 519
Delta R.T. 0.023 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

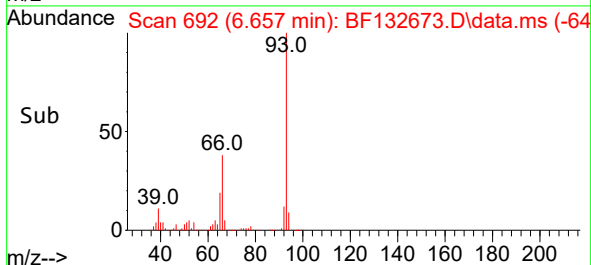
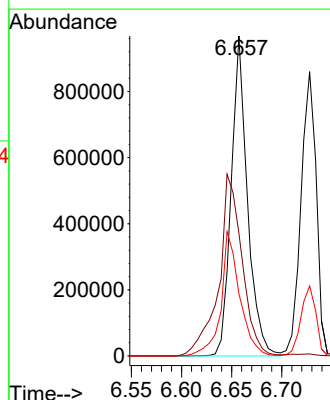
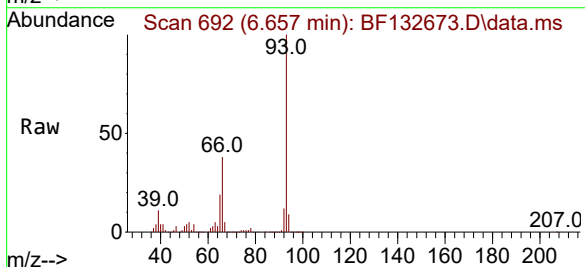
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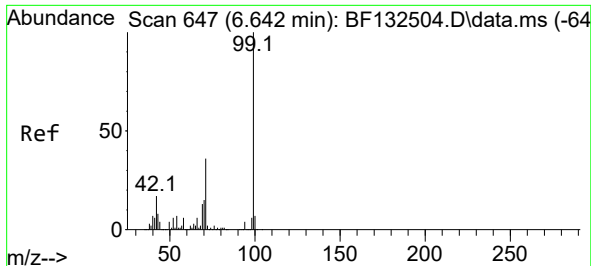
Tgt Ion:112 Resp: 1987539
Ion Ratio Lower Upper
112 100
64 58.2 51.6 77.4
63 32.1 27.4 41.2



#6
Aniline
Concen: 35.308 ng
RT: 6.657 min Scan# 692
Delta R.T. -0.000 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion: 93 Resp: 1092114
Ion Ratio Lower Upper
93 100
66 38.3 32.5 48.7
65 19.5 16.6 24.8

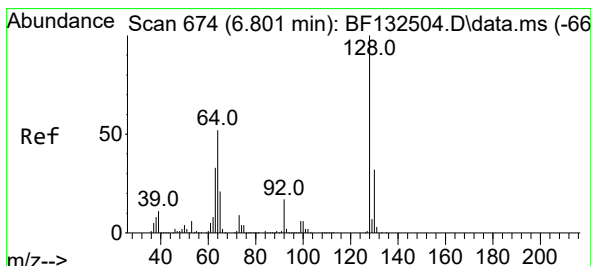
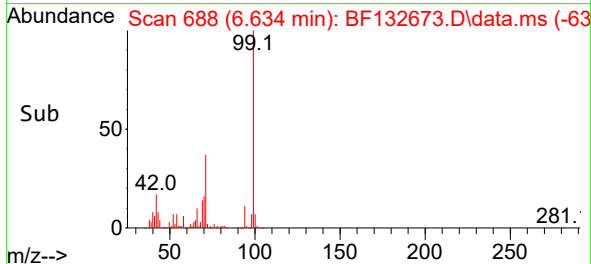
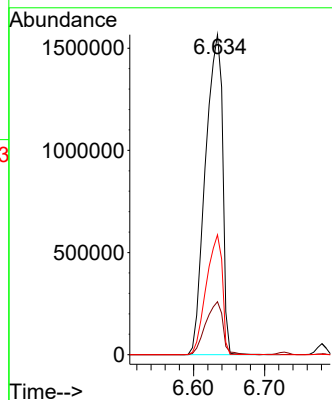
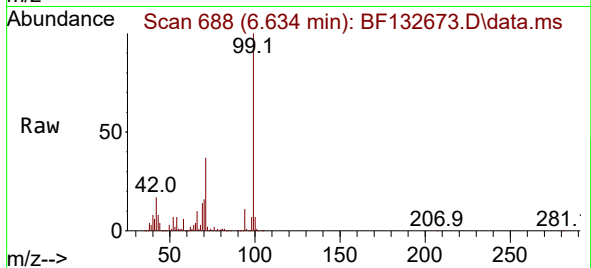




#7
Phenol-d6
Concen: 114.303 ng
RT: 6.634 min Scan# 611
Delta R.T. 0.012 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

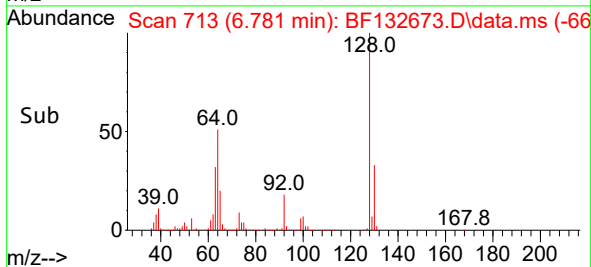
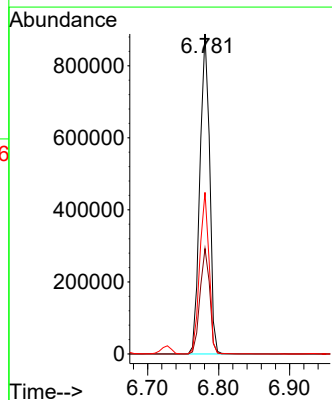
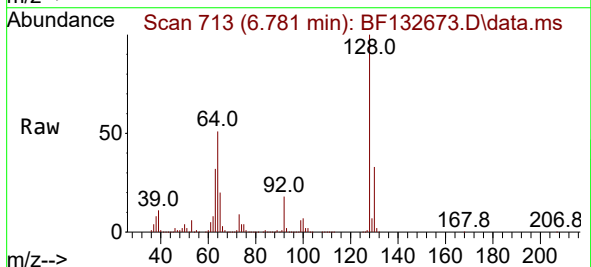
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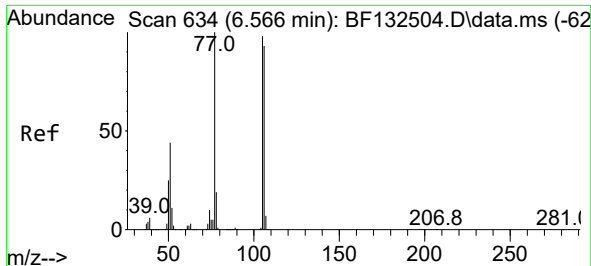
Tgt Ion: 99 Resp: 2627152
Ion Ratio Lower Upper
99 100
42 16.5 13.9 20.9
71 37.5 28.5 42.7



#8
2-Chlorophenol
Concen: 46.484 ng
RT: 6.781 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion:128 Resp: 849637
Ion Ratio Lower Upper
128 100
130 33.0 12.1 52.1
64 50.5 32.0 72.0

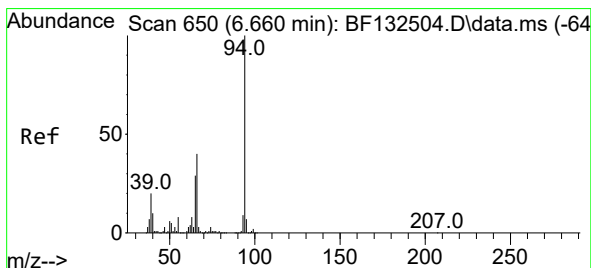
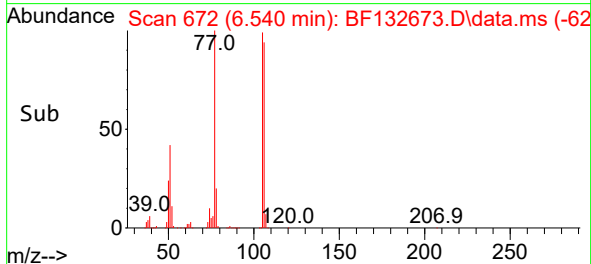
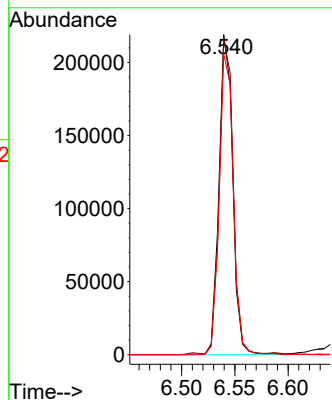
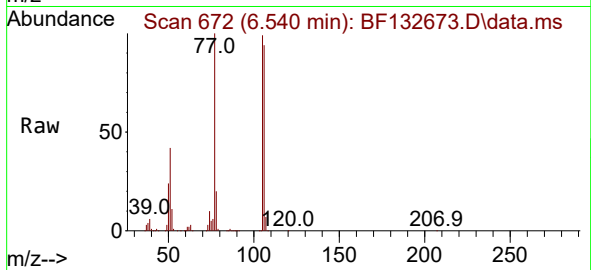




#9
Benzaldehyde
Concen: 15.749 ng
RT: 6.540 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

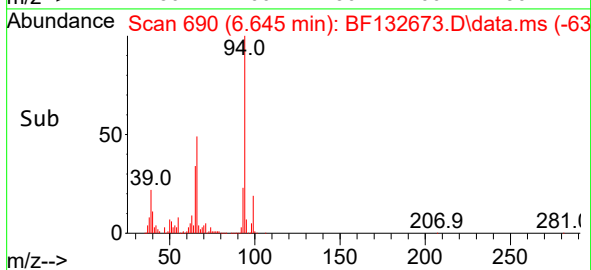
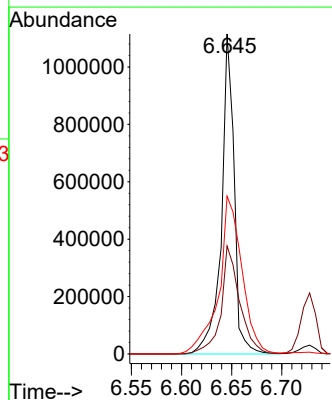
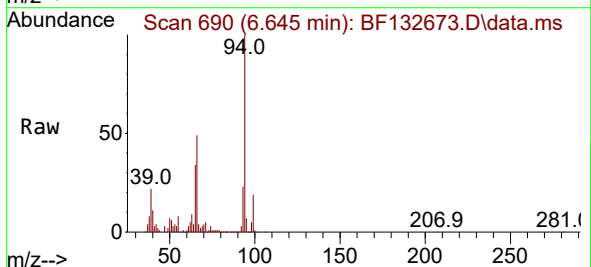
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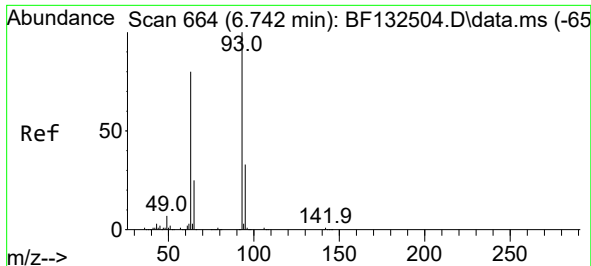
Tgt Ion: 77 Resp: 195318
Ion Ratio Lower Upper
77 100
105 98.5 77.9 117.9
106 93.9 73.4 113.4



#10
Phenol
Concen: 37.323 ng
RT: 6.645 min Scan# 690
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion: 94 Resp: 983484
Ion Ratio Lower Upper
94 100
65 33.7 9.4 49.4
66 49.3 19.8 59.8

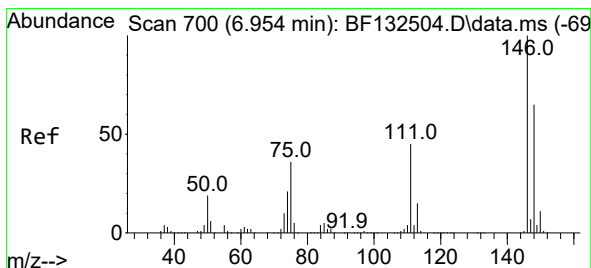
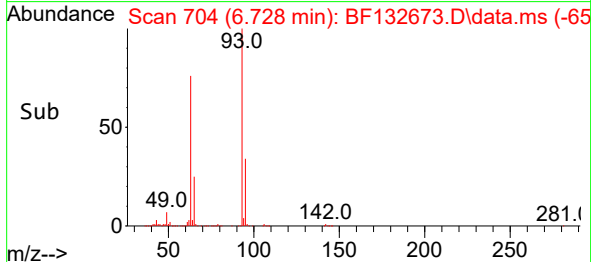
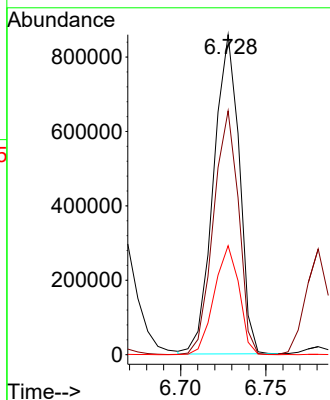
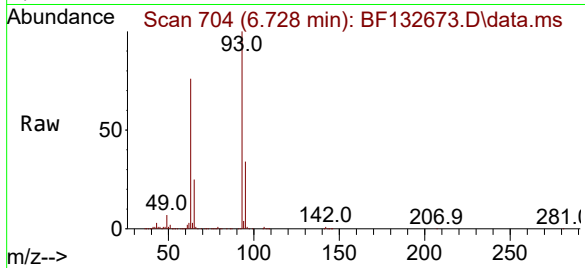




#11
bis(2-Chloroethyl)ether
Concen: 44.285 ng
RT: 6.728 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

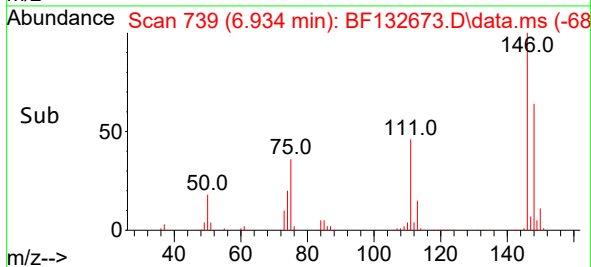
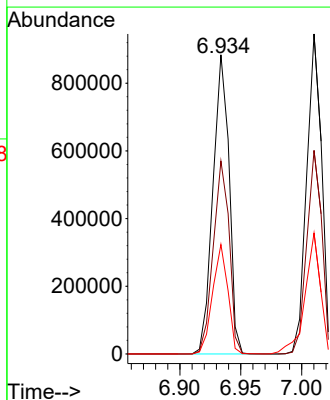
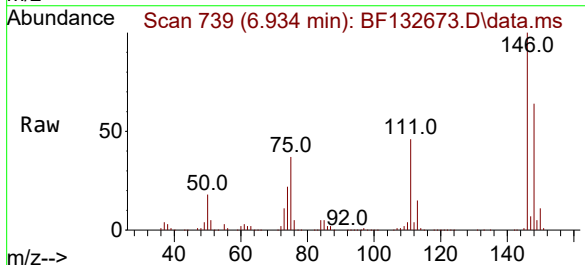
Instrument :
BNA_F
ClientSampleId :
PB151052BS

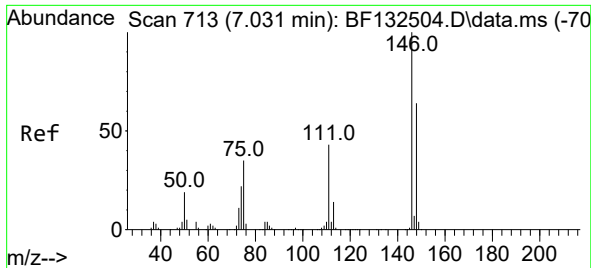
Tgt Ion: 93 Resp: 900849
Ion Ratio Lower Upper
93 100
63 76.2 59.6 99.6
95 34.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.465 ng
RT: 6.934 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion:146 Resp: 813320
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
75 36.6 28.9 43.3

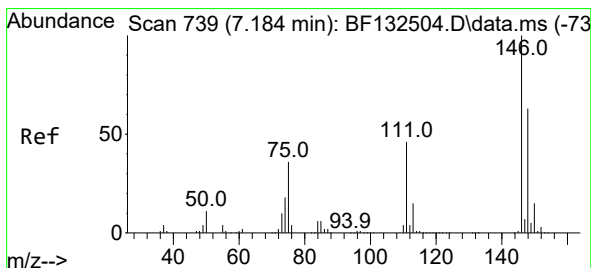
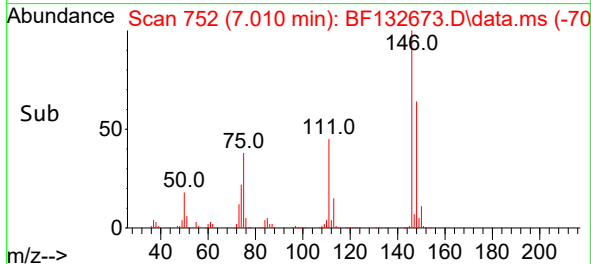
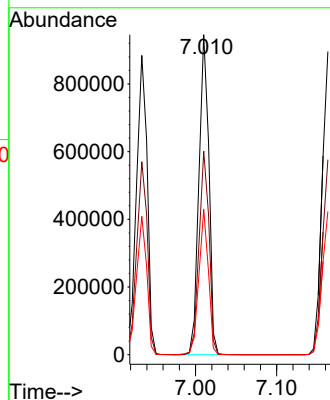
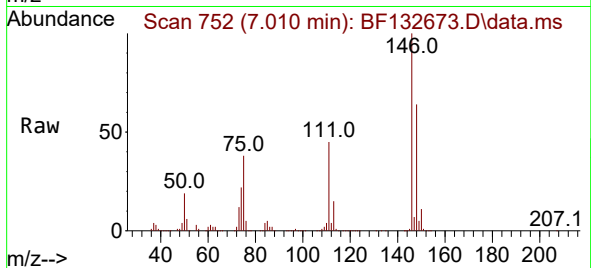




#13
1,4-Dichlorobenzene
Concen: 41.327 ng
RT: 7.010 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

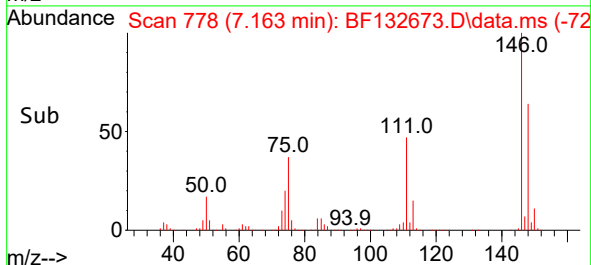
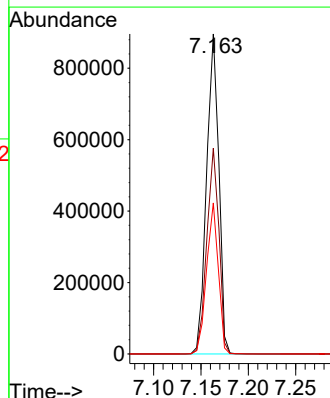
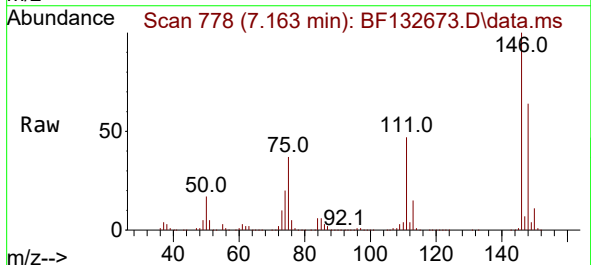
Instrument :
BNA_F
ClientSampleId :
PB151052BS

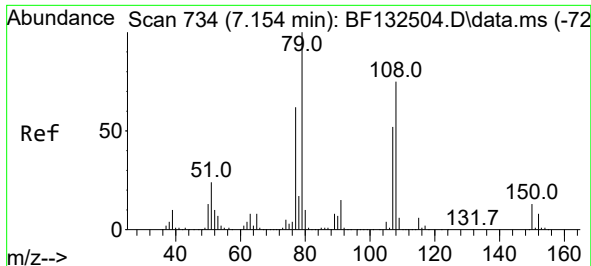
Tgt Ion:146 Resp: 809412
Ion Ratio Lower Upper
146 100
148 63.6 51.1 76.7
111 45.4 34.8 52.2



#14
1,2-Dichlorobenzene
Concen: 42.570 ng
RT: 7.163 min Scan# 778
Delta R.T. -0.000 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion:146 Resp: 800177
Ion Ratio Lower Upper
146 100
148 64.3 50.6 75.8
111 47.2 37.2 55.8

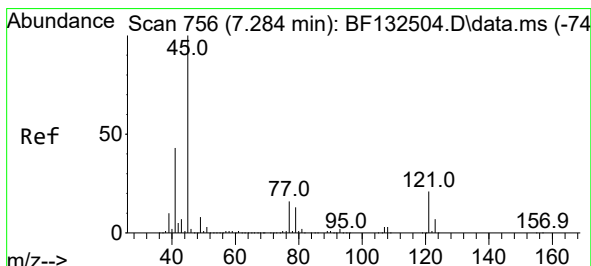
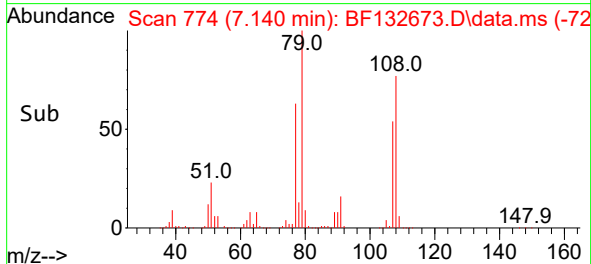
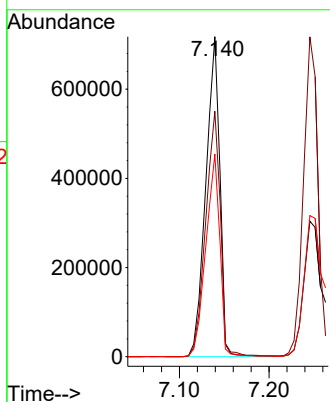
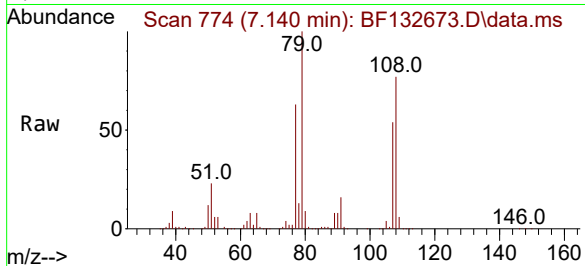




#15
Benzyl Alcohol
Concen: 44.142 ng
RT: 7.140 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

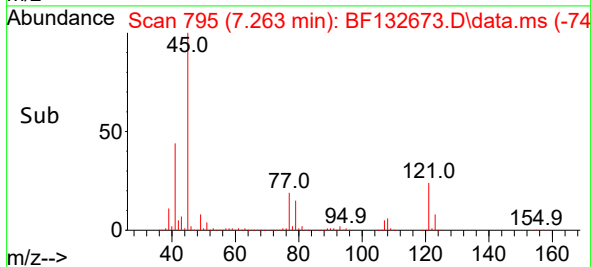
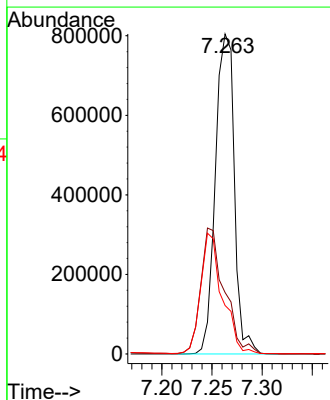
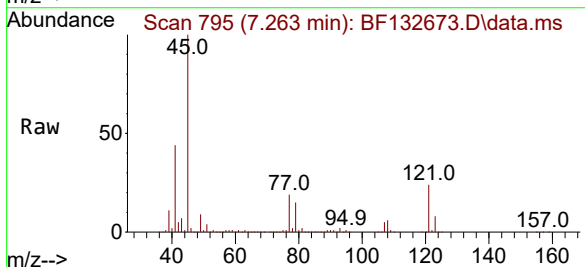
Instrument :
BNA_F
ClientSampleId :
PB151052BS

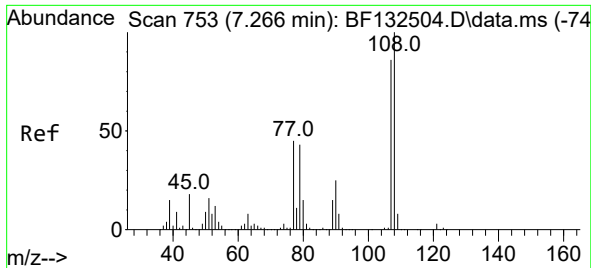
Tgt Ion: 79 Resp: 781373
Ion Ratio Lower Upper
79 100
108 76.7 60.2 90.4
77 63.3 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.749 ng
RT: 7.263 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion: 45 Resp: 1057056
Ion Ratio Lower Upper
45 100
77 19.2 0.0 36.4
79 15.1 0.0 33.4

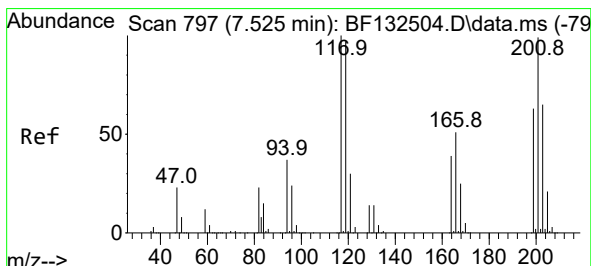
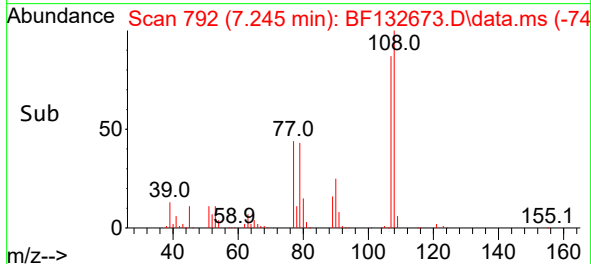
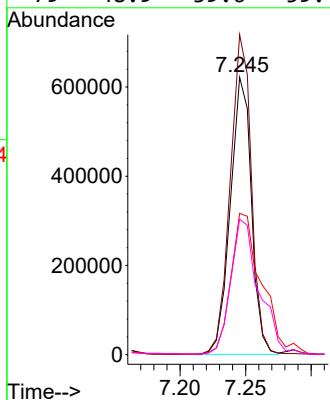
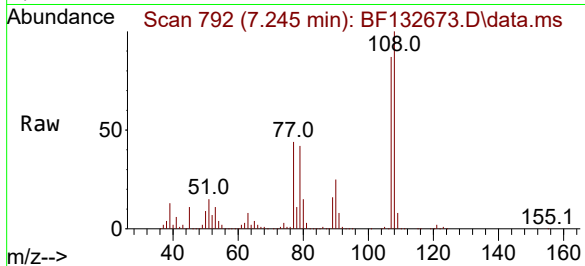




#17
2-Methylphenol
Concen: 40.844 ng
RT: 7.245 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

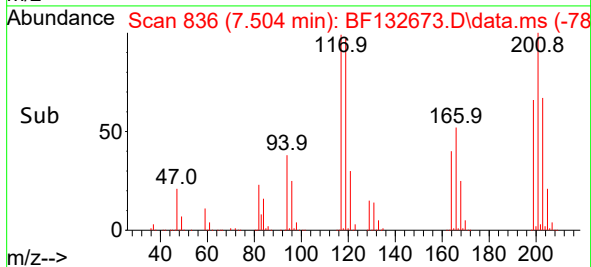
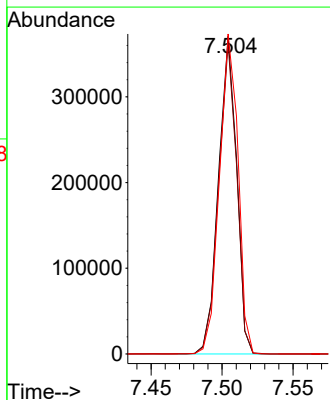
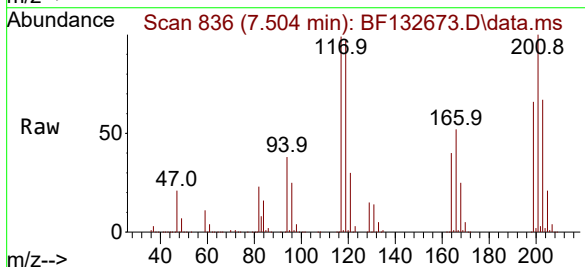
Instrument :
BNA_F
ClientSampleId :
PB151052BS

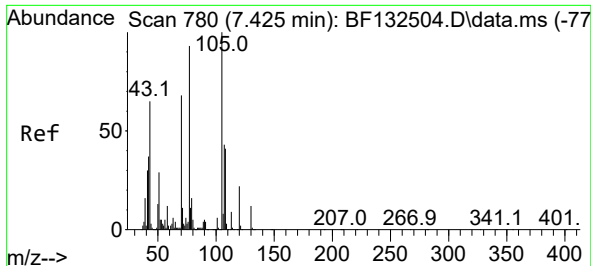
Tgt Ion:107 Resp: 696741
Ion Ratio Lower Upper
107 100
108 115.4 93.0 139.4
77 50.9 42.1 63.1
79 48.9 39.6 59.4



#18
Hexachloroethane
Concen: 42.839 ng
RT: 7.504 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion:117 Resp: 327796
Ion Ratio Lower Upper
117 100
119 97.6 78.0 117.0
201 100.7 79.0 118.4

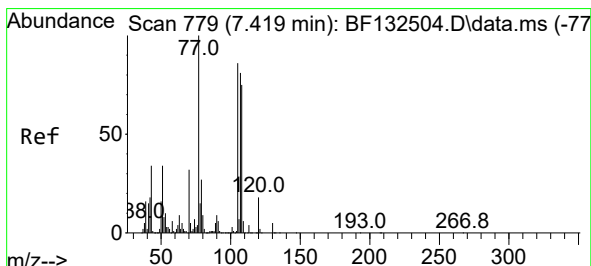
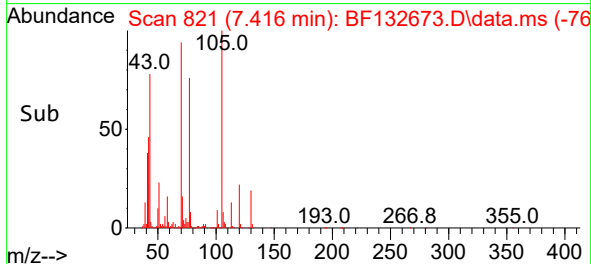
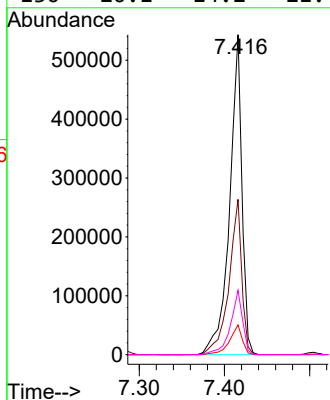
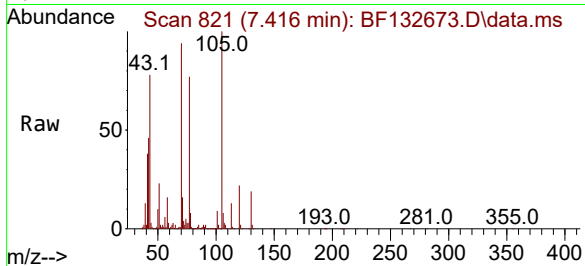




#19
n-Nitroso-di-n-propylamine
Concen: 38.632 ng
RT: 7.416 min Scan# 819
Delta R.T. 0.012 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

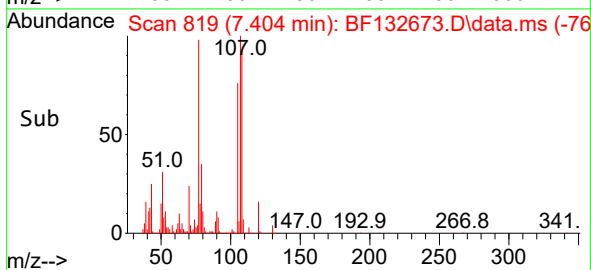
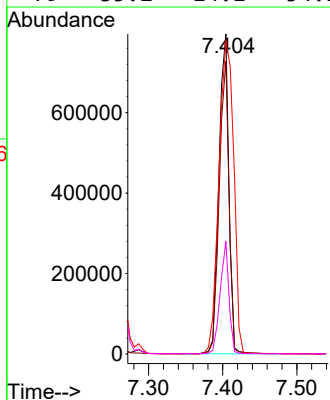
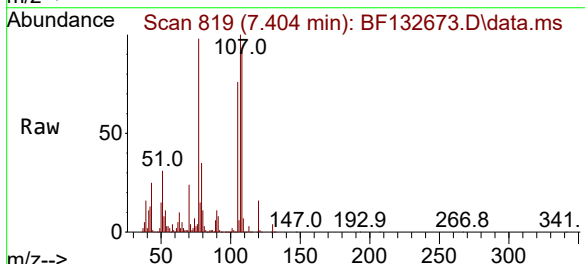
Instrument :
BNA_F
ClientSampleId :
PB151052BS

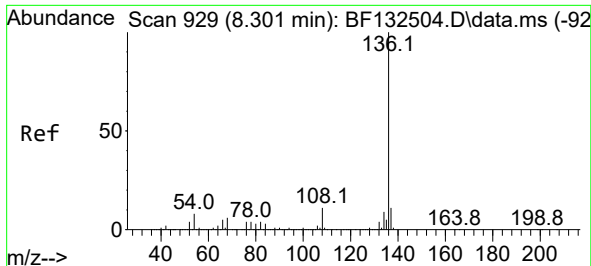
Tgt Ion: 70 Resp: 546463
Ion Ratio Lower Upper
70 100
42 48.6 44.1 66.1
101 9.3 7.4 11.2
130 20.1 14.2 21.4



#20
3+4-Methylphenols
Concen: 33.725 ng
RT: 7.404 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion: 107 Resp: 743249
Ion Ratio Lower Upper
107 100
108 91.6 72.6 112.6
77 97.7 104.0 144.0#
79 35.2 14.1 54.1

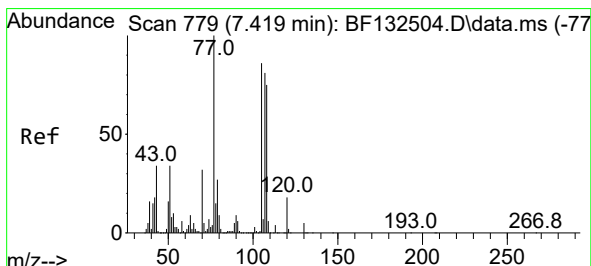
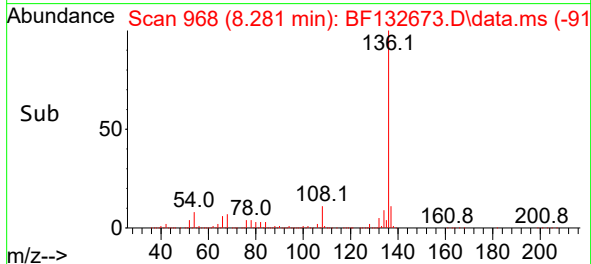
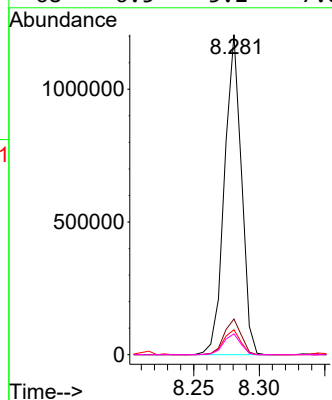
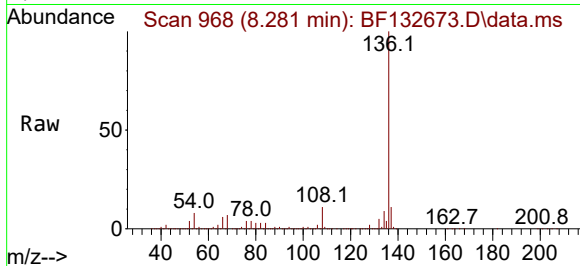




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.281 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

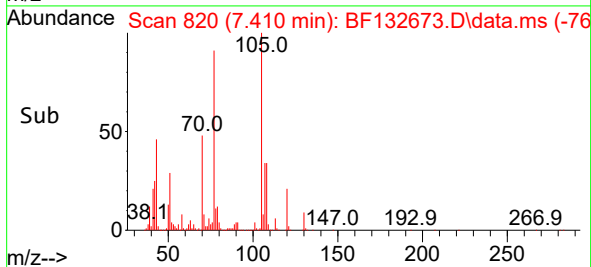
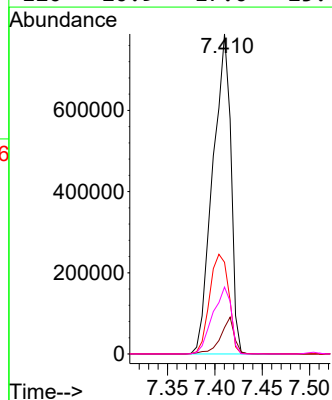
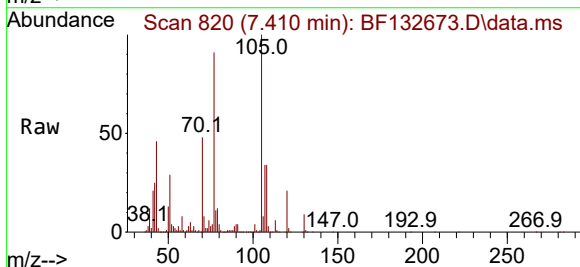
Instrument :
BNA_F
ClientSampleId :
PB151052BS

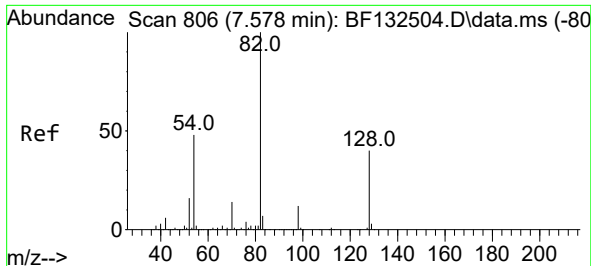
Tgt Ion:136 Resp: 1080327
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.8 6.2 9.4
68 6.5 5.2 7.8



#22
Acetophenone
Concen: 38.389 ng
RT: 7.410 min Scan# 820
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion:105 Resp: 1045751
Ion Ratio Lower Upper
105 100
71 8.2 5.0 7.4#
51 28.6 31.5 47.3#
120 20.9 17.0 25.4





#23

Nitrobenzene-d5

Concen: 78.026 ng

RT: 7.569 min Scan# 84

Delta R.T. 0.006 min

Lab File: BF132673.D

Acq: 07 Mar 2023 12:03

Instrument :

BNA_F

ClientSampleId :

PB151052BS

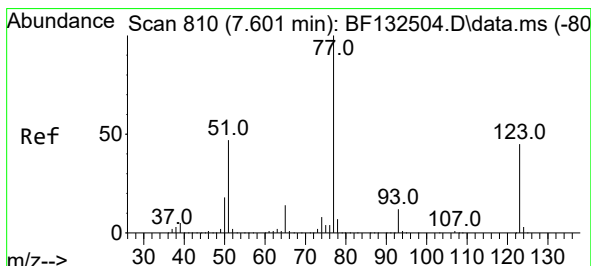
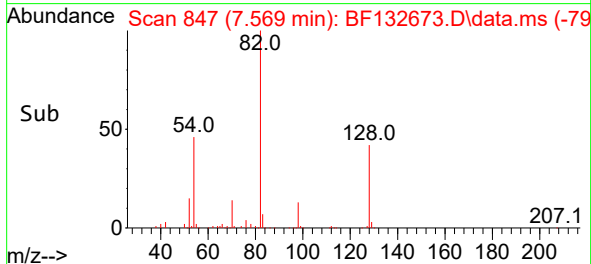
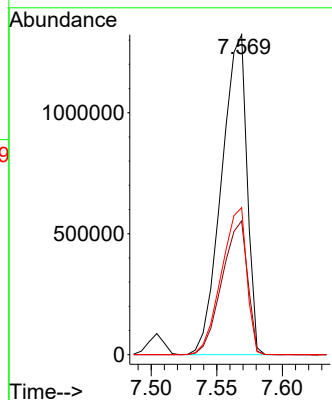
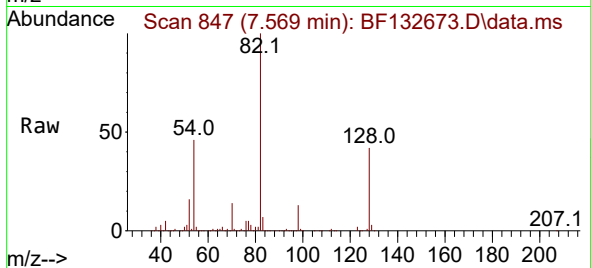
Tgt Ion: 82 Resp: 1776685

Ion Ratio Lower Upper

82 100

128 41.8 32.2 48.2

54 46.0 38.4 57.6



#24

Nitrobenzene

Concen: 38.140 ng

RT: 7.587 min Scan# 850

Delta R.T. 0.006 min

Lab File: BF132673.D

Acq: 07 Mar 2023 12:03

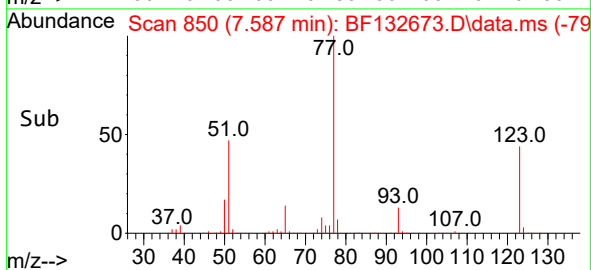
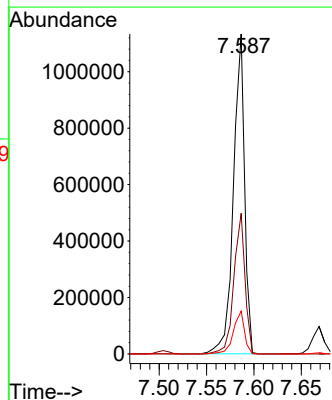
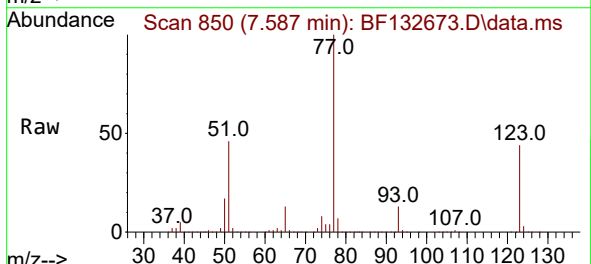
Tgt Ion: 77 Resp: 928805

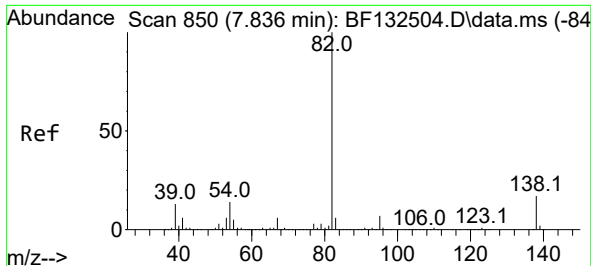
Ion Ratio Lower Upper

77 100

123 43.9 35.8 53.6

65 13.4 10.9 16.3

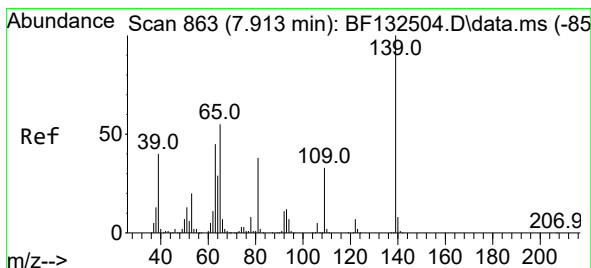
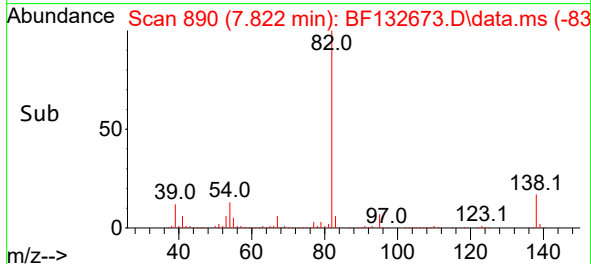
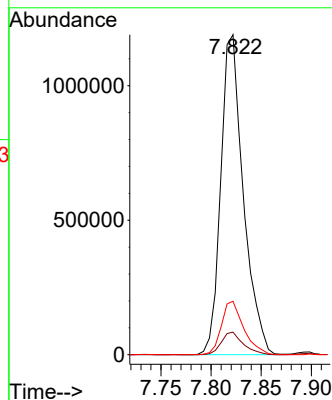
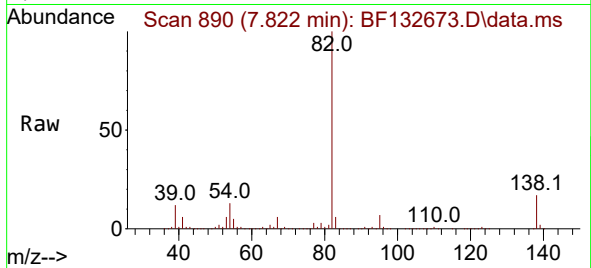




#25
Isophorone
Concen: 42.630 ng
RT: 7.822 min Scan# 890
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

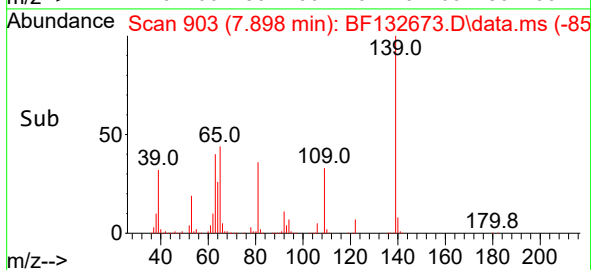
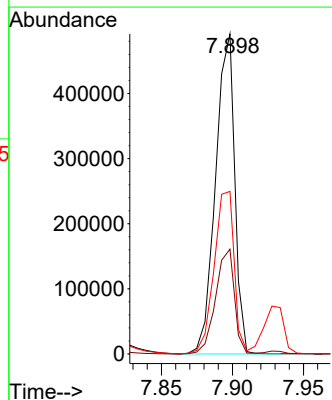
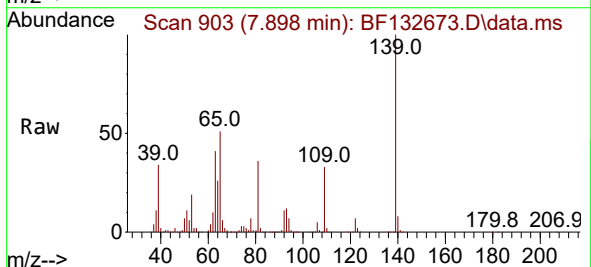
Instrument :
BNA_F
ClientSampleId :
PB151052BS

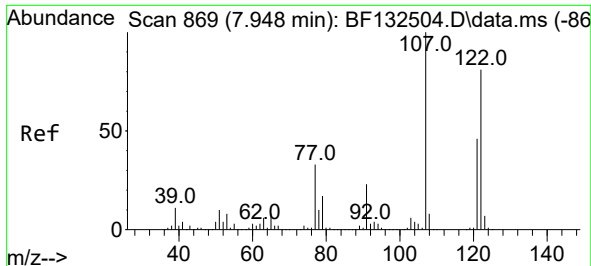
Tgt Ion: 82 Resp: 1861037
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 16.7 13.3 19.9



#26
2-Nitrophenol
Concen: 42.957 ng
RT: 7.898 min Scan# 903
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion:139 Resp: 461562
Ion Ratio Lower Upper
139 100
109 32.8 26.2 39.2
65 50.8 43.8 65.8

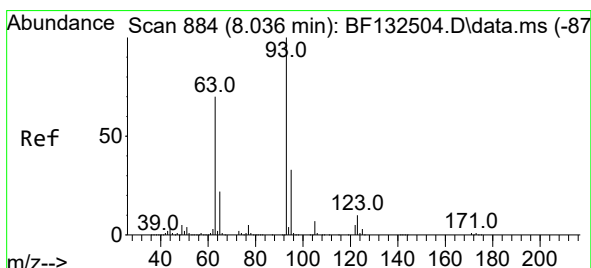
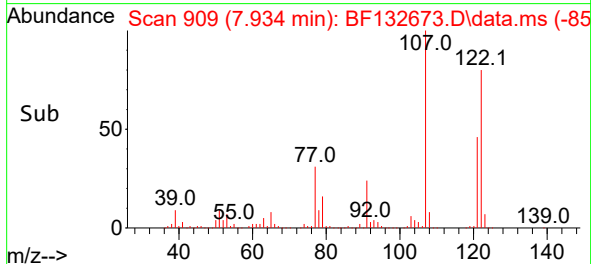
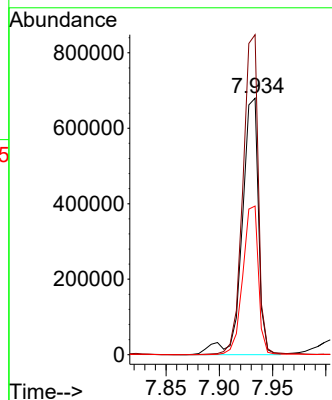
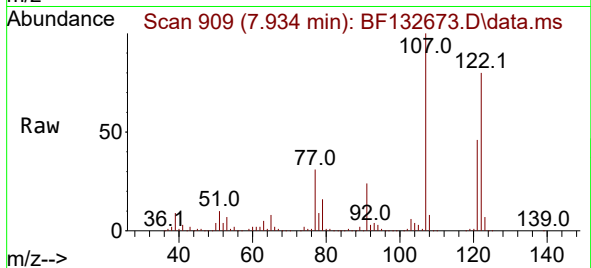




#27
2,4-Dimethylphenol
Concen: 42.921 ng
RT: 7.934 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

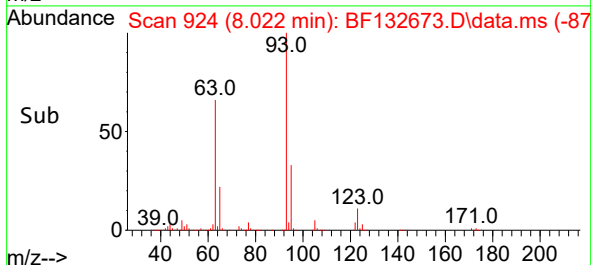
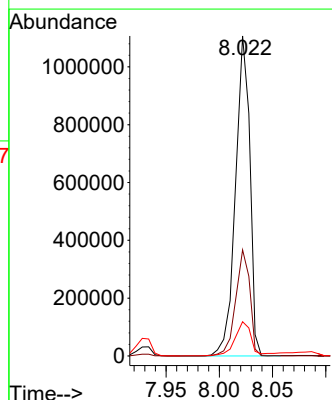
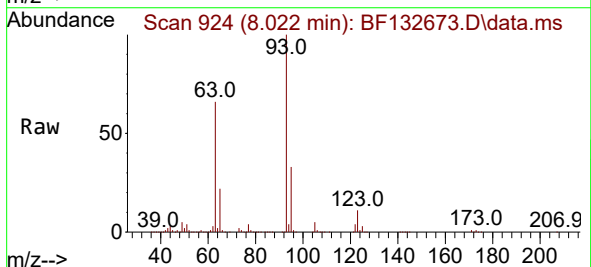
Instrument :
BNA_F
ClientSampleId :
PB151052BS

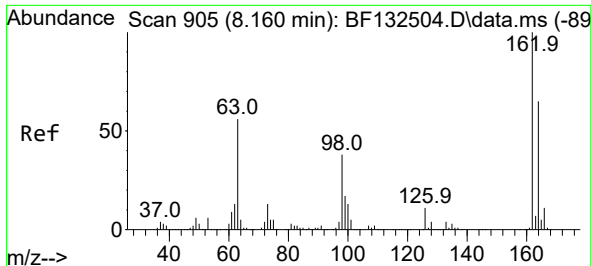
Tgt Ion:122 Resp: 727876
Ion Ratio Lower Upper
122 100
107 124.8 98.7 148.1
121 58.0 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.839 ng
RT: 8.022 min Scan# 924
Delta R.T. -0.000 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion: 93 Resp: 1042963
Ion Ratio Lower Upper
93 100
95 33.2 26.3 39.5
123 10.7 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 40.610 ng

RT: 8.139 min Scan# 944

Delta R.T. 0.006 min

Lab File: BF132673.D

Acq: 07 Mar 2023 12:03

Instrument :

BNA_F

ClientSampleId :

PB151052BS

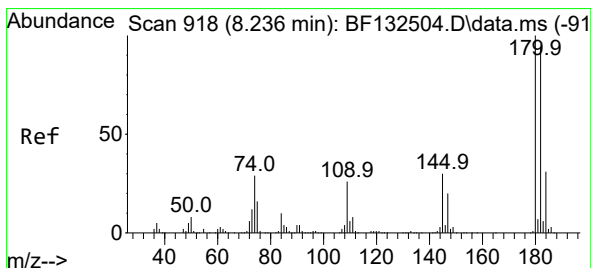
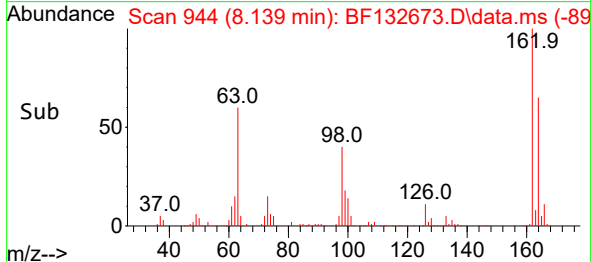
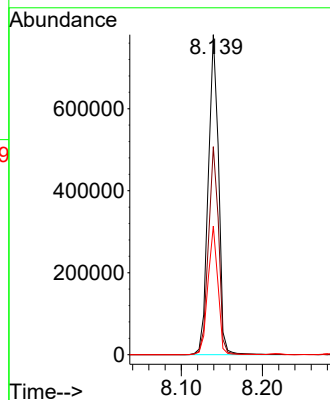
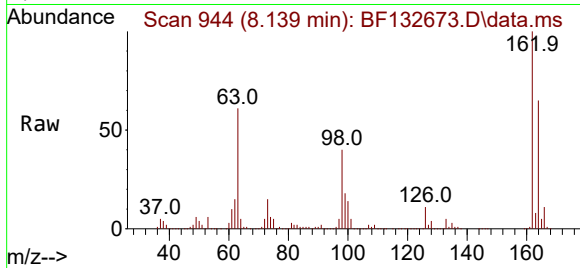
Tgt Ion:162 Resp: 685058

Ion Ratio Lower Upper

162 100

164 65.0 45.3 85.3

98 40.2 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 41.435 ng

RT: 8.222 min Scan# 958

Delta R.T. 0.006 min

Lab File: BF132673.D

Acq: 07 Mar 2023 12:03

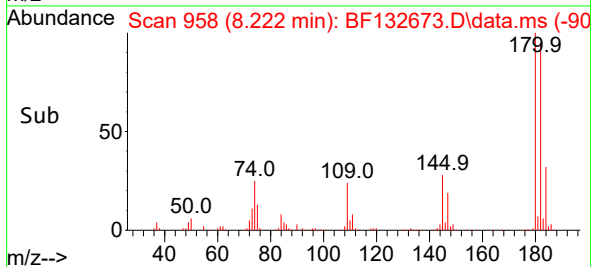
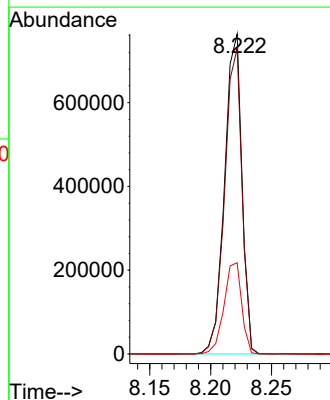
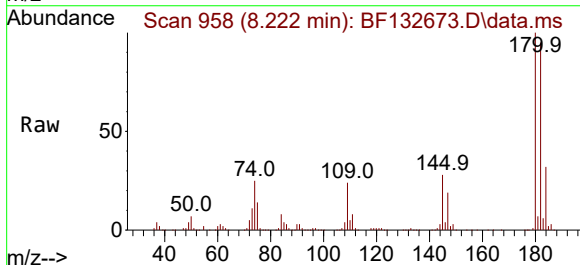
Tgt Ion:180 Resp: 759000

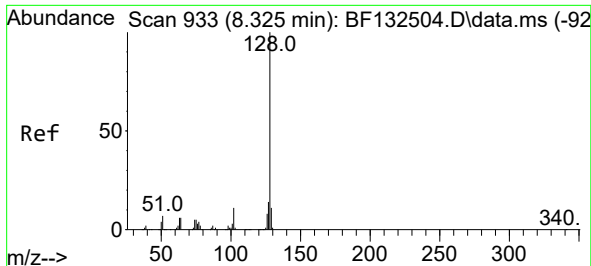
Ion Ratio Lower Upper

180 100

182 95.5 75.1 112.7

145 28.5 23.8 35.6

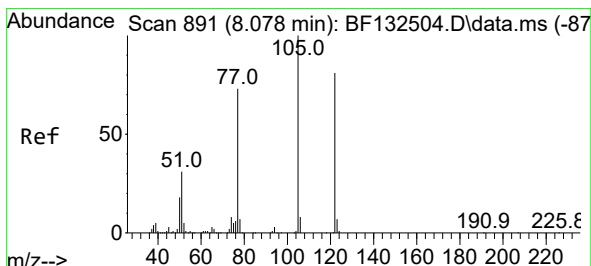
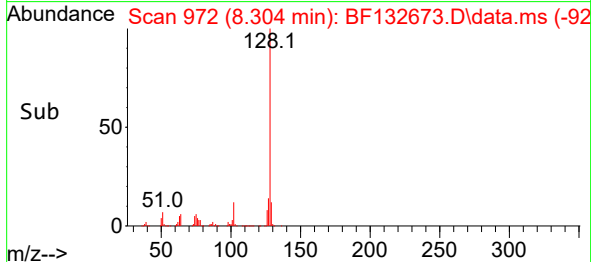
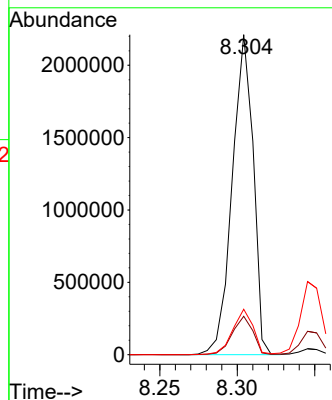
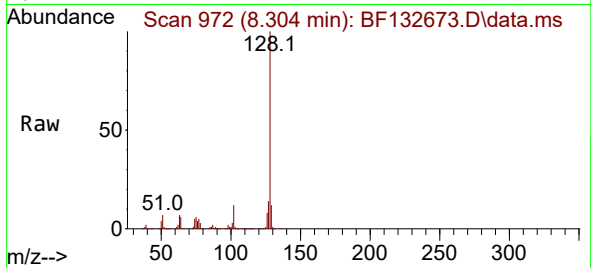




#31
Naphthalene
Concen: 37.640 ng
RT: 8.304 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

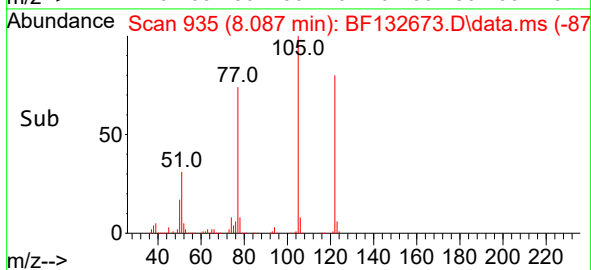
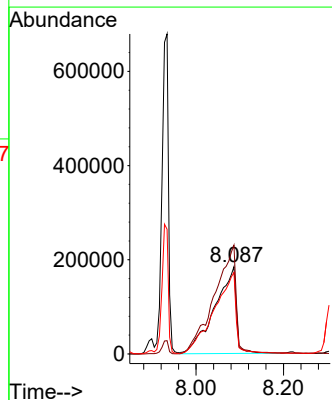
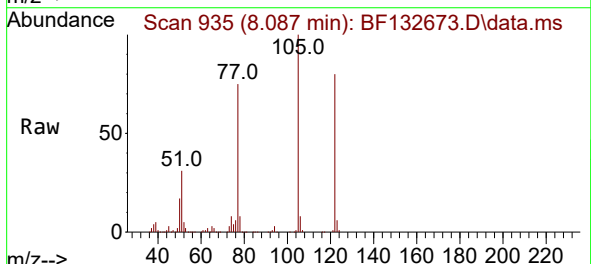
Instrument :
BNA_F
ClientSampleId :
PB151052BS

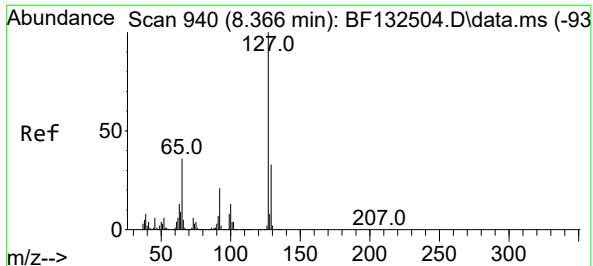
Tgt Ion:128 Resp: 2081725
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 14.2 11.0 16.6



#32
Benzoic acid
Concen: 47.127 ng
RT: 8.087 min Scan# 935
Delta R.T. 0.029 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion:122 Resp: 628765
Ion Ratio Lower Upper
122 100
105 124.9 102.6 142.6
77 93.5 70.2 110.2





#33

4-Chloroaniline

Concen: 25.765 ng

RT: 8.345 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF132673.D

Acq: 07 Mar 2023 12:03

Instrument :

BNA_F

ClientSampleId :

PB151052BS

Tgt Ion:127 Resp: 610635

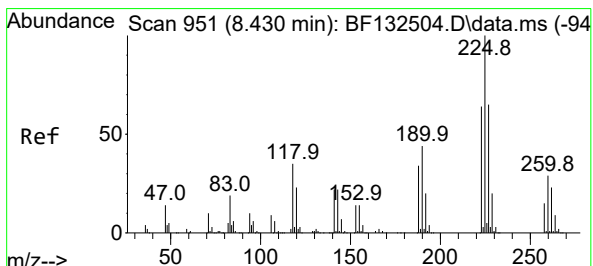
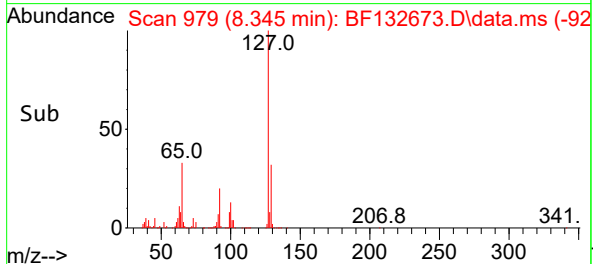
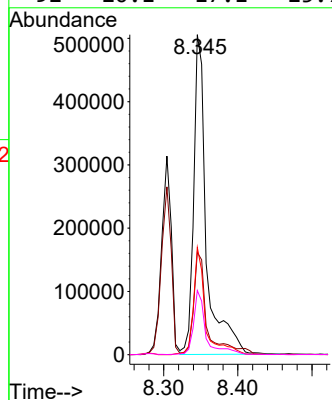
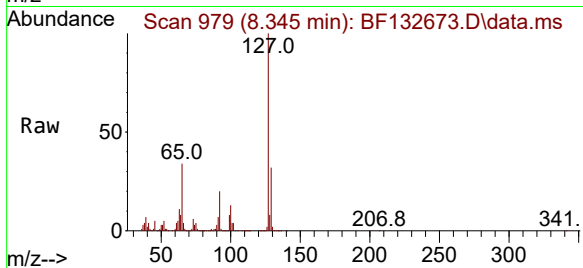
Ion Ratio Lower Upper

127 100

129 32.0 26.4 39.6

65 33.5 28.8 43.2

92 20.1 17.1 25.7



#34

Hexachlorobutadiene

Concen: 41.483 ng

RT: 8.410 min Scan# 990

Delta R.T. -0.000 min

Lab File: BF132673.D

Acq: 07 Mar 2023 12:03

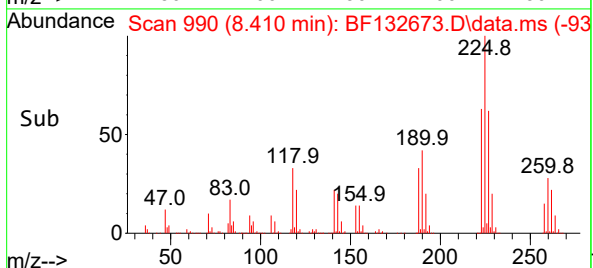
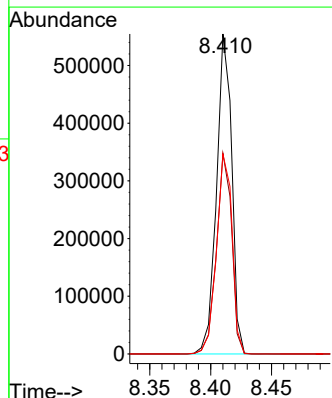
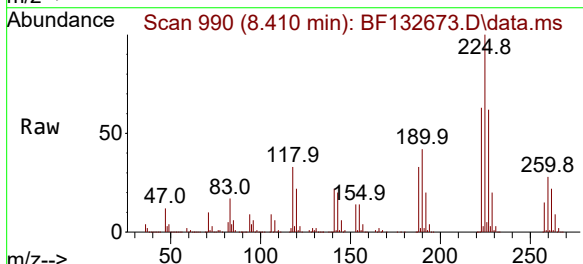
Tgt Ion:225 Resp: 482857

Ion Ratio Lower Upper

225 100

223 62.6 51.0 76.4

227 62.5 51.7 77.5





#35

Caprolactam

Concen: 28.422 ng

RT: 8.745 min Scan# 1006

Delta R.T. 0.012 min

Lab File: BF132673.D

Acq: 07 Mar 2023 12:03

Instrument :

BNA_F

ClientSampleId :

PB151052BS

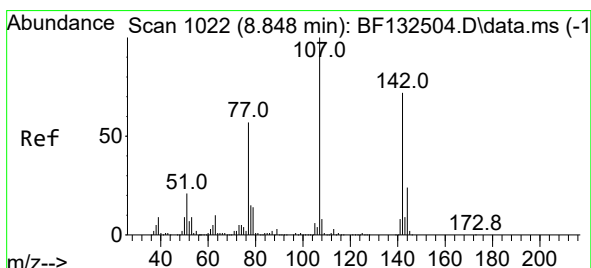
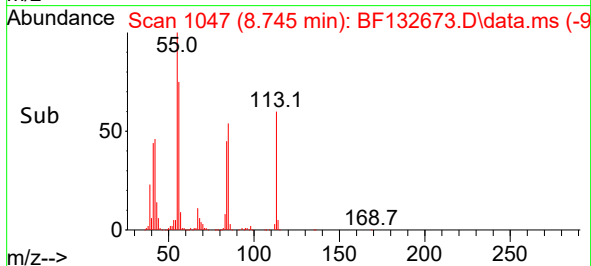
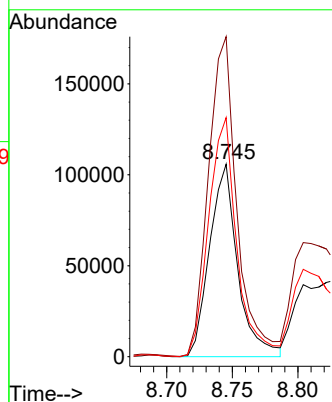
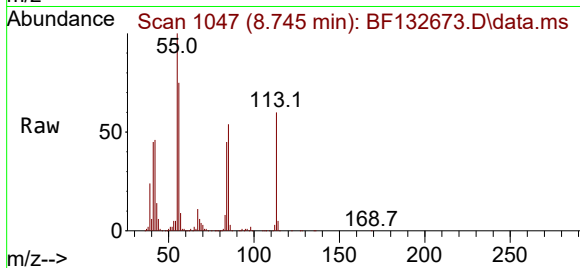
Tgt Ion:113 Resp: 158068

Ion Ratio Lower Upper

113 100

55 166.3 149.4 189.4

56 124.2 105.0 145.0



#36

4-Chloro-3-methylphenol

Concen: 41.467 ng

RT: 8.834 min Scan# 1062

Delta R.T. 0.006 min

Lab File: BF132673.D

Acq: 07 Mar 2023 12:03

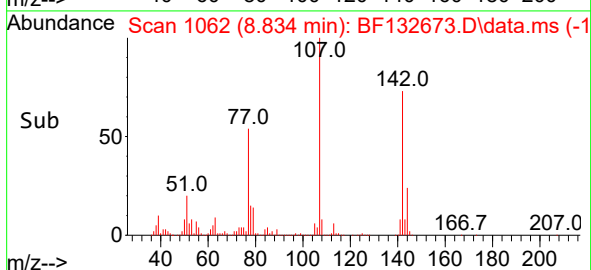
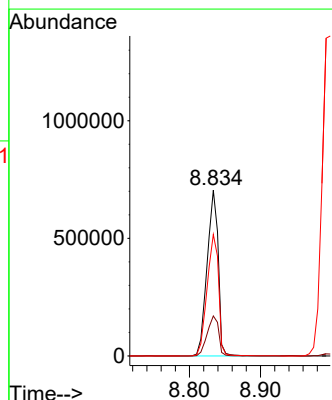
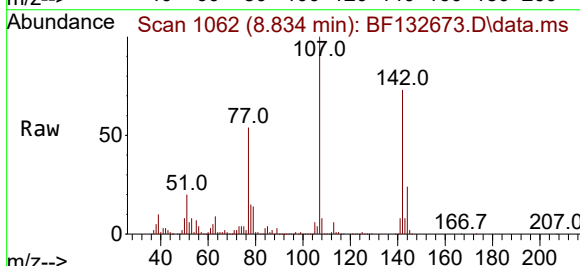
Tgt Ion:107 Resp: 768222

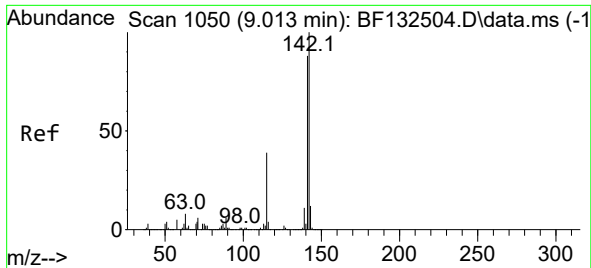
Ion Ratio Lower Upper

107 100

144 24.2 18.9 28.3

142 73.3 57.9 86.9

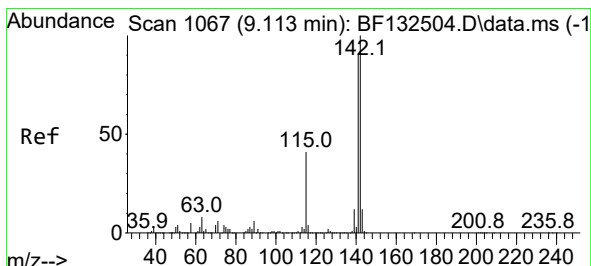
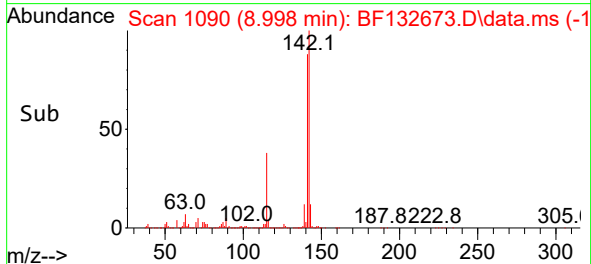
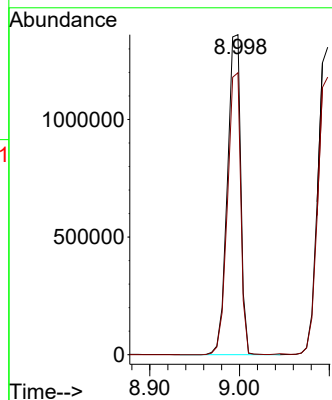
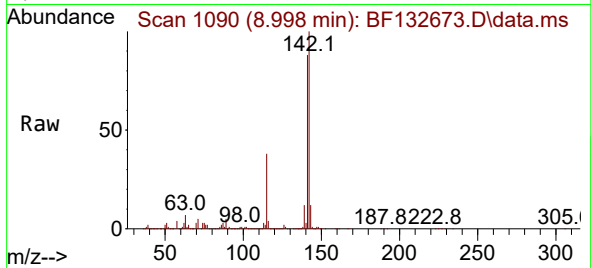




#37
2-Methylnaphthalene
Concen: 37.169 ng
RT: 8.998 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

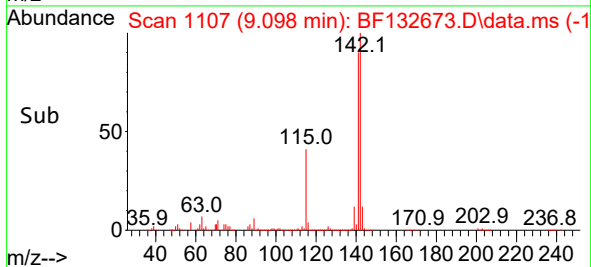
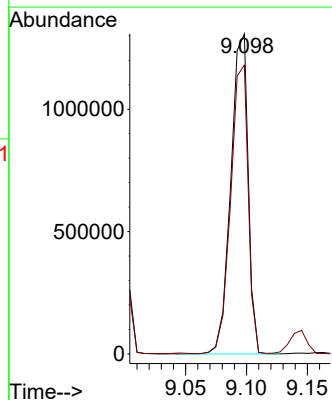
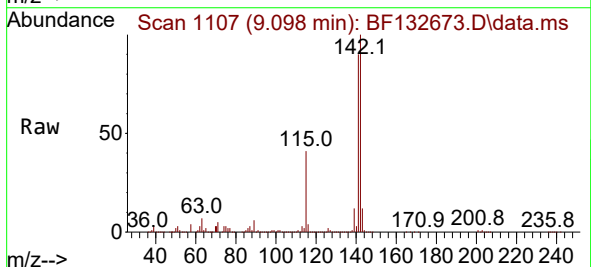
Instrument :
BNA_F
ClientSampleId :
PB151052BS

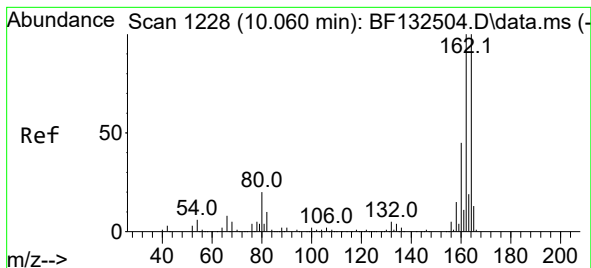
Tgt Ion:142 Resp: 1400926
Ion Ratio Lower Upper
142 100
141 88.1 70.2 105.2



#38
1-Methylnaphthalene
Concen: 36.875 ng
RT: 9.098 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion:142 Resp: 1298873
Ion Ratio Lower Upper
142 100
141 90.3 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.045 min Scan# 1118

Delta R.T. 0.006 min

Lab File: BF132673.D

Acq: 07 Mar 2023 12:03

Instrument :

BNA_F

ClientSampleId :

PB151052BS

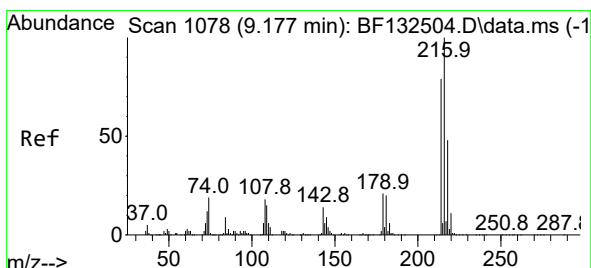
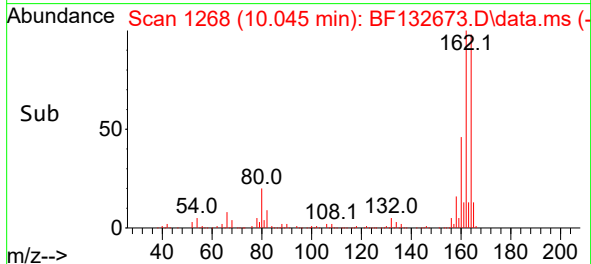
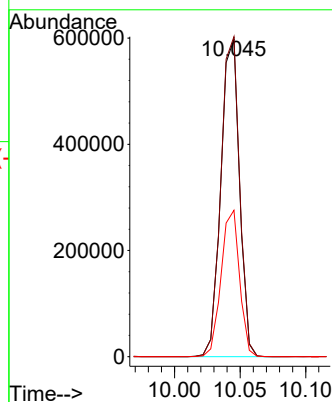
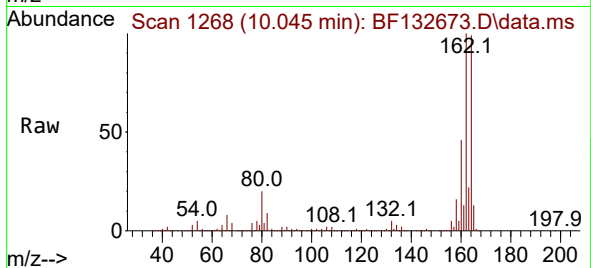
Tgt Ion:164 Resp: 588820

Ion Ratio Lower Upper

164 100

162 100.7 79.8 119.8

160 46.1 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.846 ng

RT: 9.163 min Scan# 1118

Delta R.T. 0.006 min

Lab File: BF132673.D

Acq: 07 Mar 2023 12:03

Tgt Ion:216 Resp: 748357

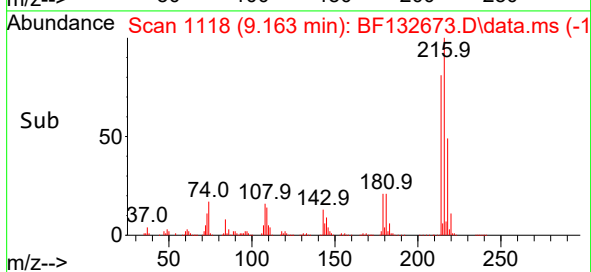
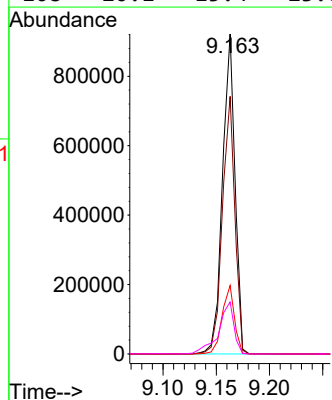
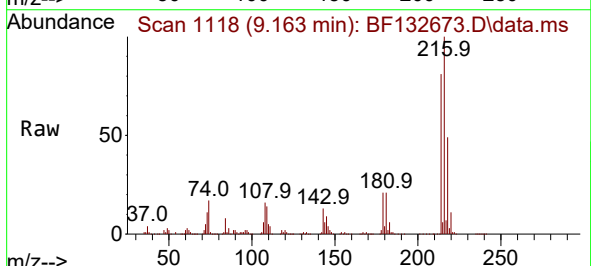
Ion Ratio Lower Upper

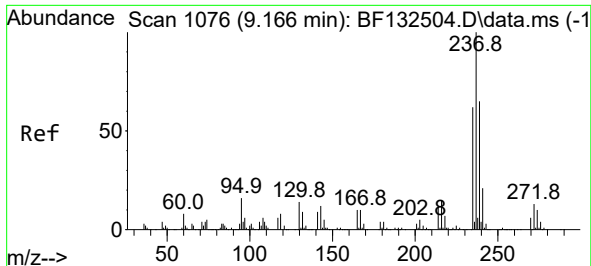
216 100

214 80.5 63.0 94.6

179 21.0 16.6 24.8

108 20.1 15.4 23.0

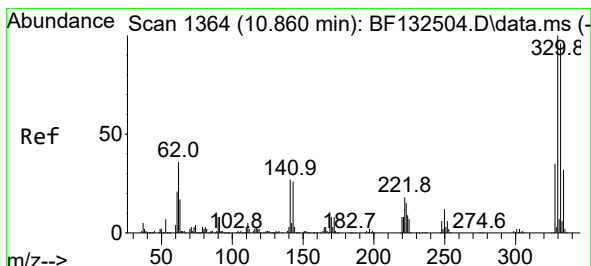
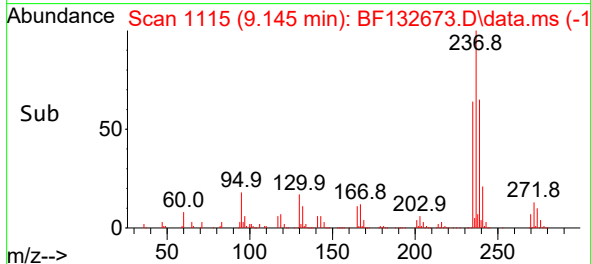
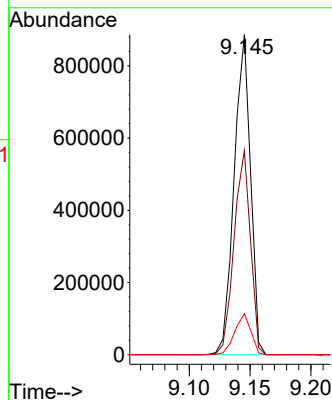
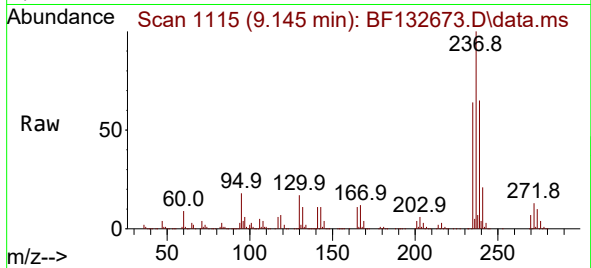




#41
Hexachlorocyclopentadiene
Concen: 79.118 ng
RT: 9.145 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

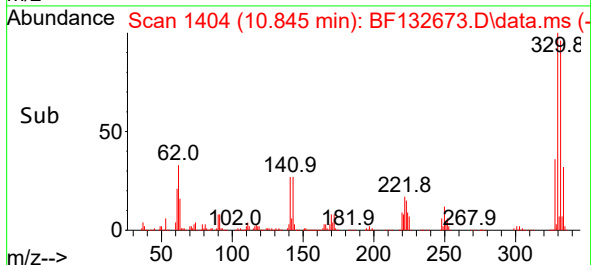
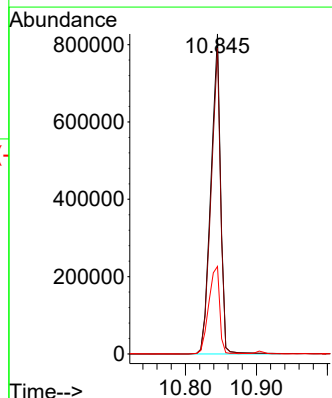
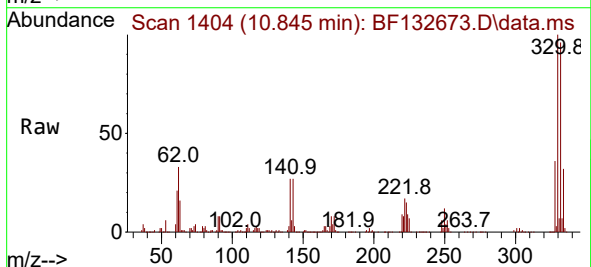
Instrument :
BNA_F
ClientSampleId :
PB151052BS

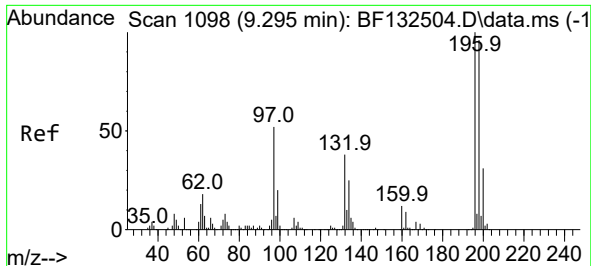
Tgt Ion:237 Resp: 826706
Ion Ratio Lower Upper
237 100
235 63.8 42.4 82.4
272 12.8 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 123.231 ng
RT: 10.845 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion:330 Resp: 783625
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 30.9 28.4 42.6





#43

2,4,6-Trichlorophenol

Concen: 41.493 ng

RT: 9.275 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BF132673.D

Acq: 07 Mar 2023 12:03

Instrument :

BNA_F

ClientSampleId :

PB151052BS

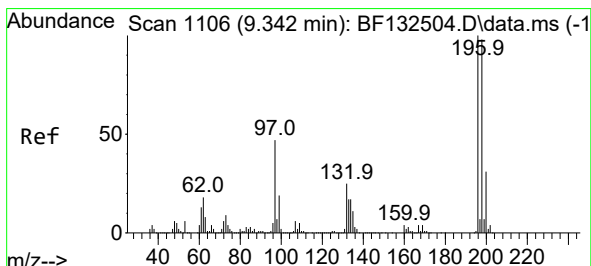
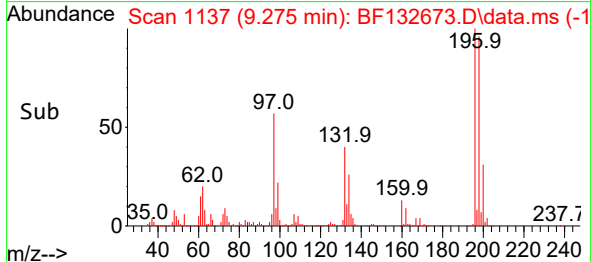
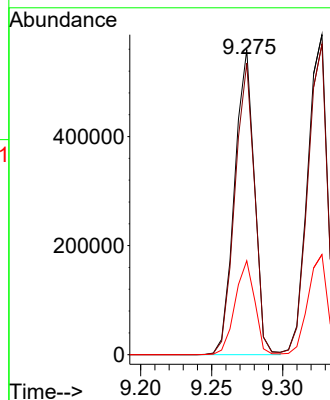
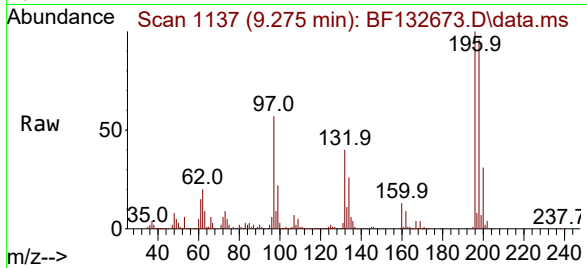
Tgt Ion:196 Resp: 541722

Ion Ratio Lower Upper

196 100

198 95.6 77.1 115.7

200 30.8 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 37.161 ng

RT: 9.328 min Scan# 1146

Delta R.T. 0.018 min

Lab File: BF132673.D

Acq: 07 Mar 2023 12:03

Tgt Ion:196 Resp: 566252

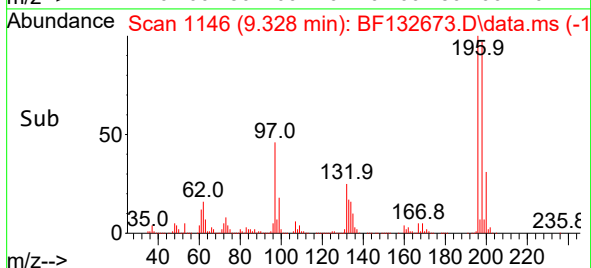
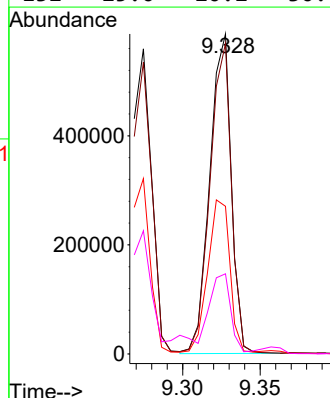
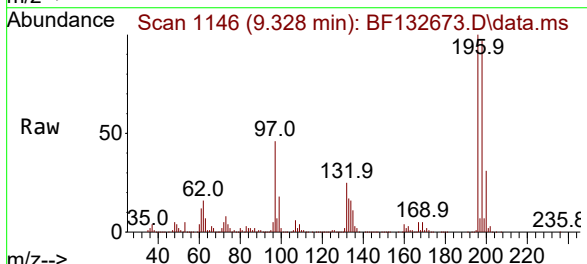
Ion Ratio Lower Upper

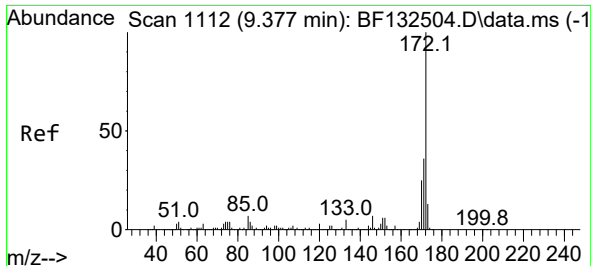
196 100

198 97.1 78.3 117.5

97 46.1 38.1 57.1

132 25.0 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 68.668 ng

RT: 9.357 min Scan# 1112

Delta R.T. -0.000 min

Lab File: BF132673.D

Acq: 07 Mar 2023 12:03

Instrument :

BNA_F

ClientSampleId :

PB151052BS

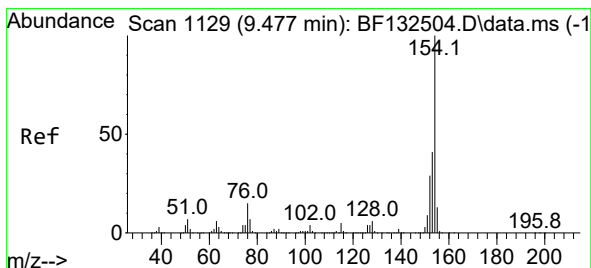
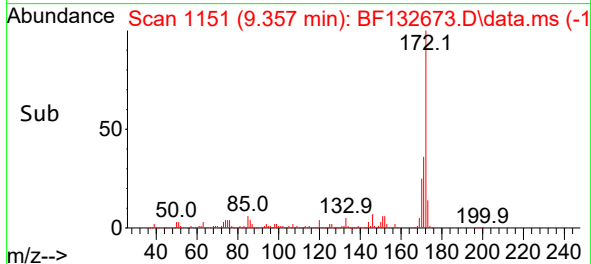
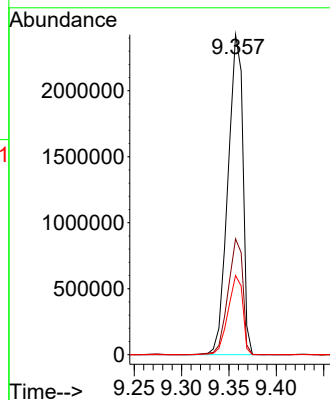
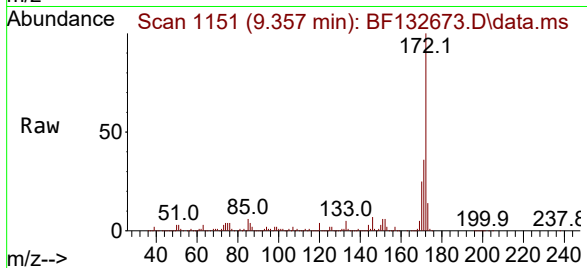
Tgt Ion:172 Resp: 2655440

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.7 19.7 29.5



#46

1,1'-Biphenyl

Concen: 37.717 ng

RT: 9.463 min Scan# 1169

Delta R.T. 0.006 min

Lab File: BF132673.D

Acq: 07 Mar 2023 12:03

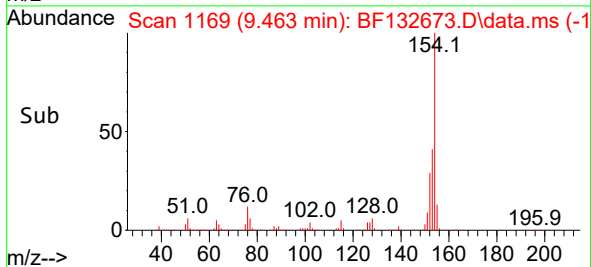
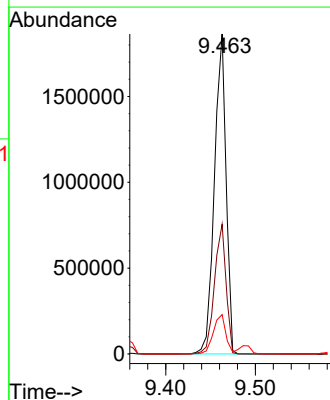
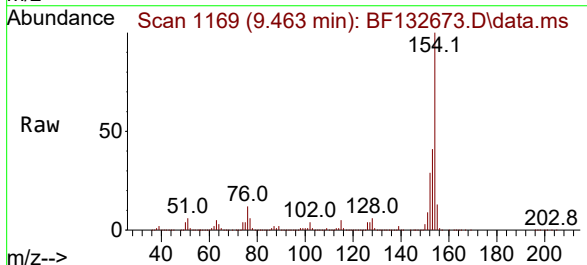
Tgt Ion:154 Resp: 1680951

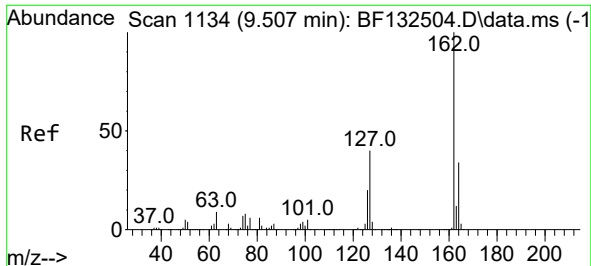
Ion Ratio Lower Upper

154 100

153 40.6 20.9 60.9

76 12.3 0.0 34.7





#47

2-Chloronaphthalene

Concen: 39.146 ng

RT: 9.492 min Scan# 1117

Delta R.T. 0.006 min

Lab File: BF132673.D

Acq: 07 Mar 2023 12:03

Instrument :

BNA_F

ClientSampleId :

PB151052BS

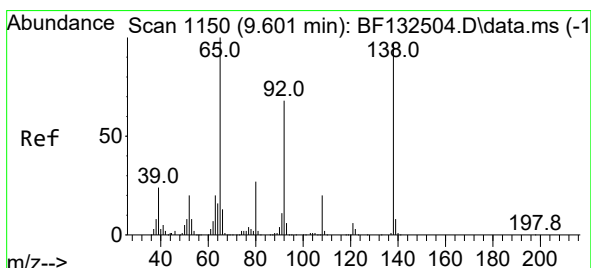
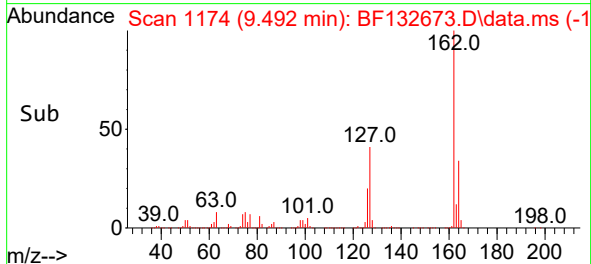
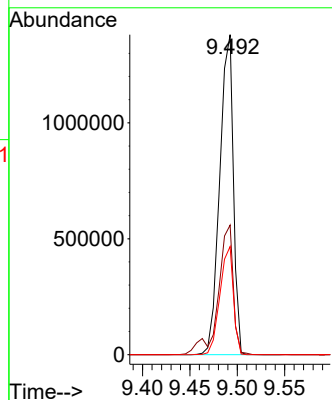
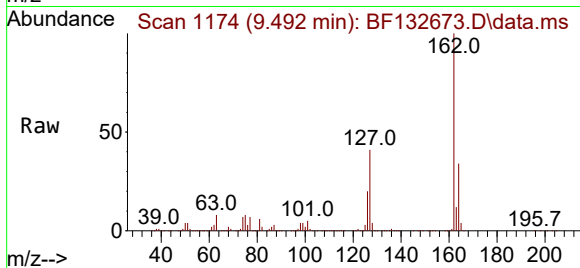
Tgt Ion:162 Resp: 1383218

Ion Ratio Lower Upper

162 100

127 40.5 32.3 48.5

164 33.8 26.9 40.3



#48

2-Nitroaniline

Concen: 37.902 ng

RT: 9.586 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF132673.D

Acq: 07 Mar 2023 12:03

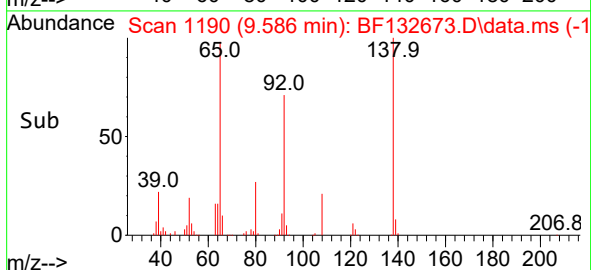
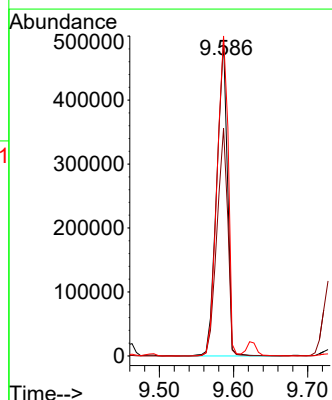
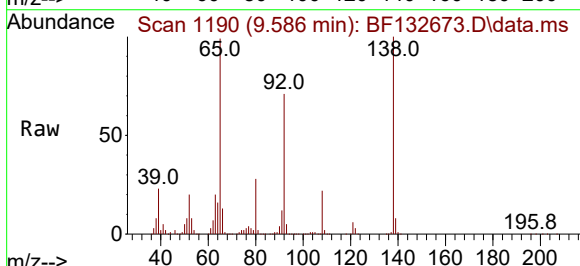
Tgt Ion: 65 Resp: 493250

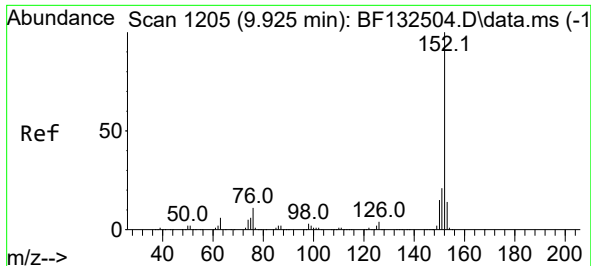
Ion Ratio Lower Upper

65 100

92 72.0 54.5 81.7

138 101.2 77.2 115.8

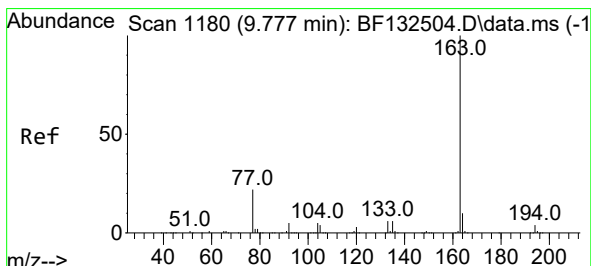
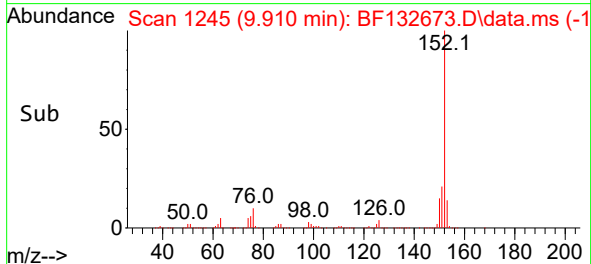
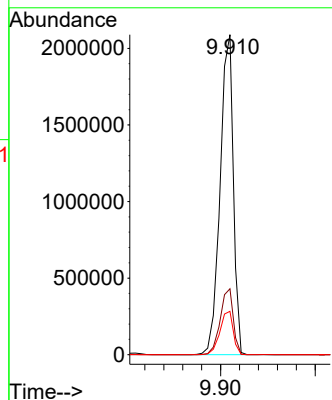
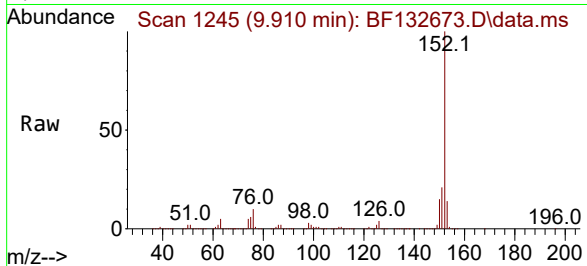




#49
Acenaphthylene
Concen: 36.157 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

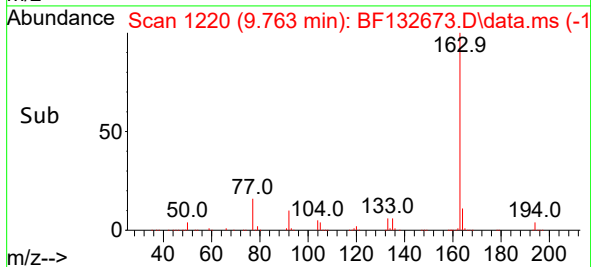
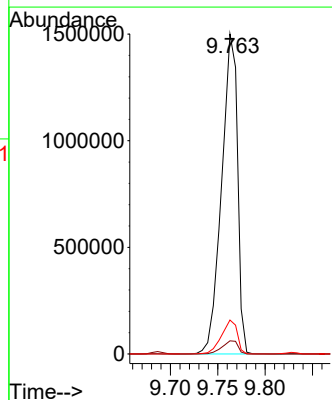
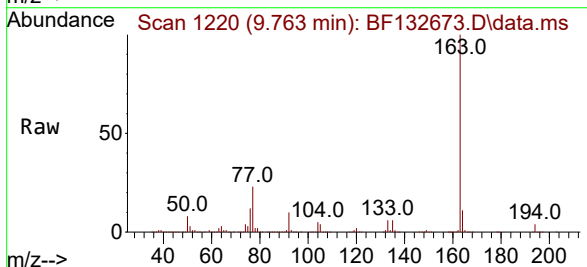
Instrument :
BNA_F
ClientSampleId :
PB151052BS

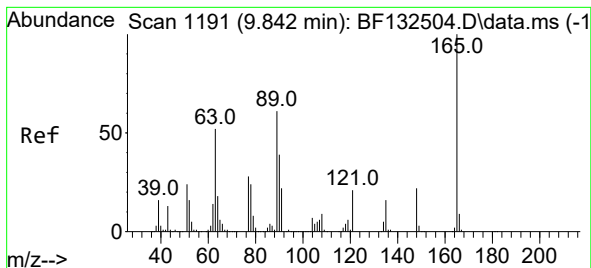
Tgt Ion:152 Resp: 2033331
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.5 11.0 16.6



#50
Dimethylphthalate
Concen: 41.058 ng
RT: 9.763 min Scan# 1220
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion:163 Resp: 1760299
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.6 8.3 12.5

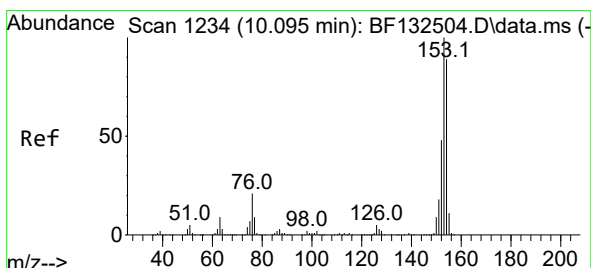
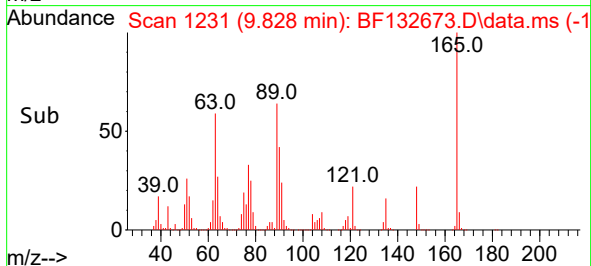
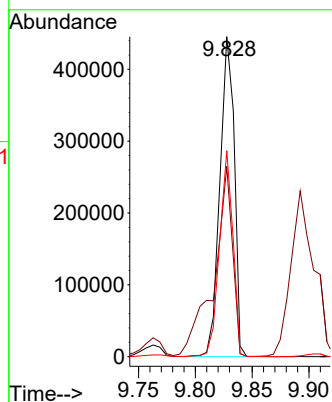
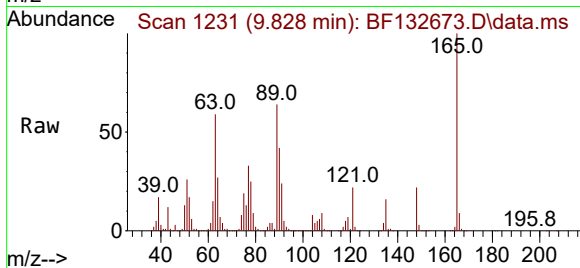




#51
2,6-Dinitrotoluene
Concen: 40.355 ng
RT: 9.828 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

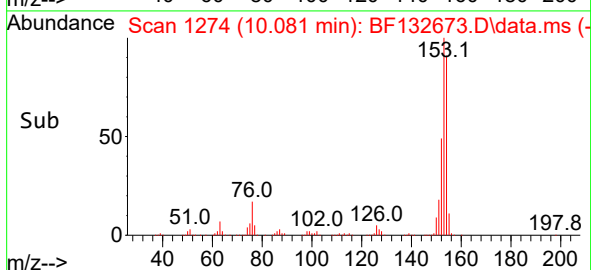
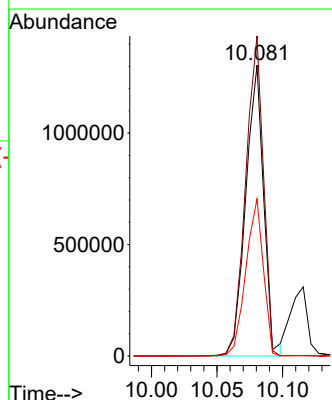
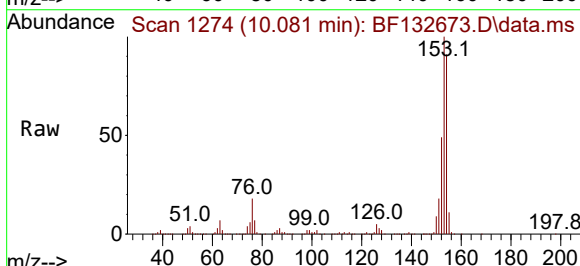
Instrument :
BNA_F
ClientSampleId :
PB151052BS

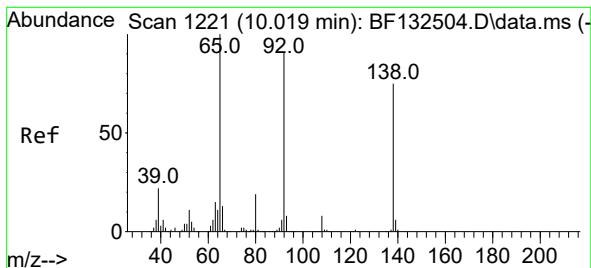
Tgt Ion:165 Resp: 394028
Ion Ratio Lower Upper
165 100
63 59.4 47.3 70.9
89 64.4 48.9 73.3



#52
Acenaphthene
Concen: 34.767 ng
RT: 10.081 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion:154 Resp: 1241480
Ion Ratio Lower Upper
154 100
153 110.0 89.8 134.8
152 54.0 43.3 64.9

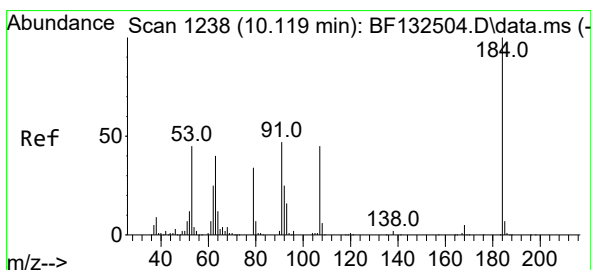
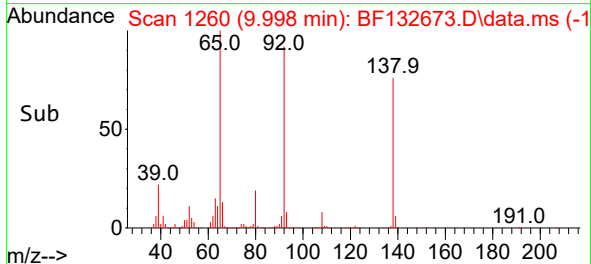
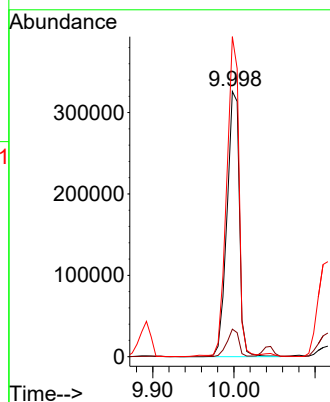
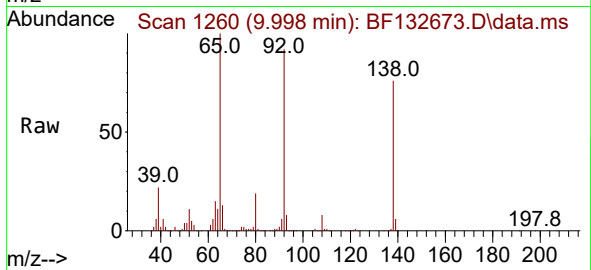




#53
3-Nitroaniline
Concen: 31.778 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

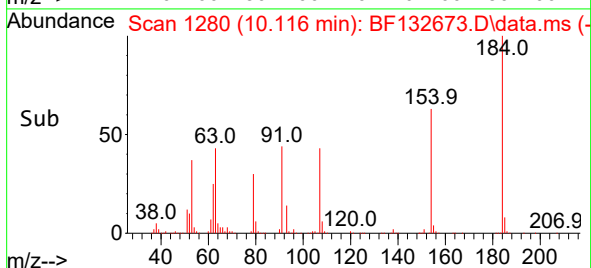
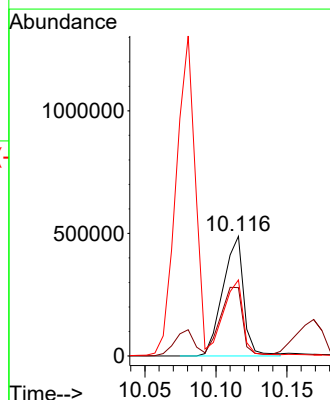
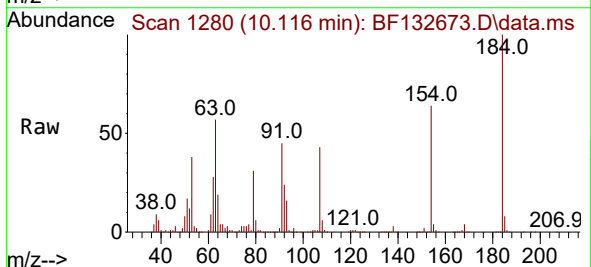
Instrument :
BNA_F
ClientSampleId :
PB151052BS

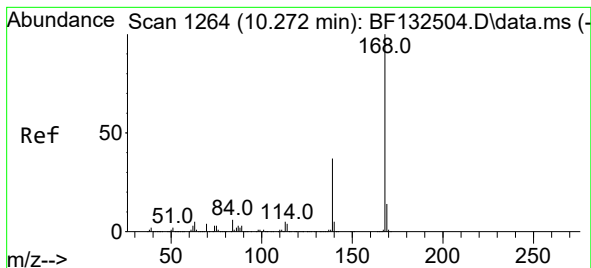
Tgt Ion:138 Resp: 347090
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 120.6 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 81.126 ng
RT: 10.116 min Scan# 1280
Delta R.T. 0.012 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion:184 Resp: 499321
Ion Ratio Lower Upper
184 100
63 57.1 51.4 77.2
154 63.5 48.3 72.5





#55

Dibenzenofuran

Concen: 35.137 ng

RT: 10.251 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132673.D

Acq: 07 Mar 2023 12:03

Instrument :

BNA_F

ClientSampleId :

PB151052BS

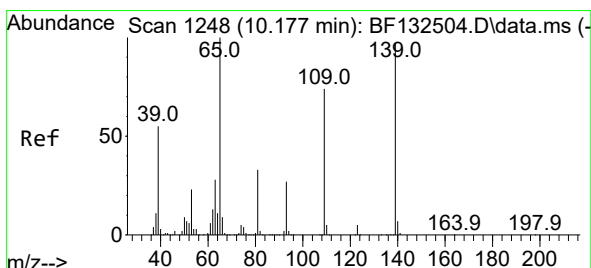
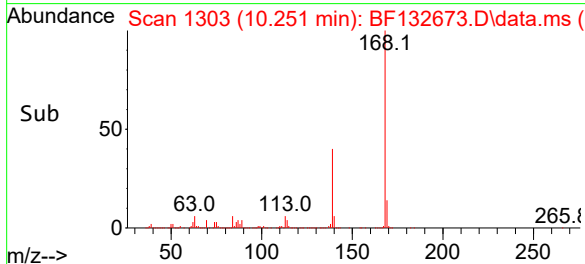
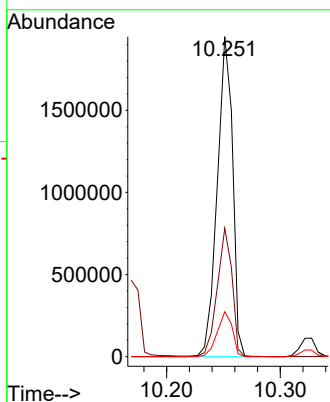
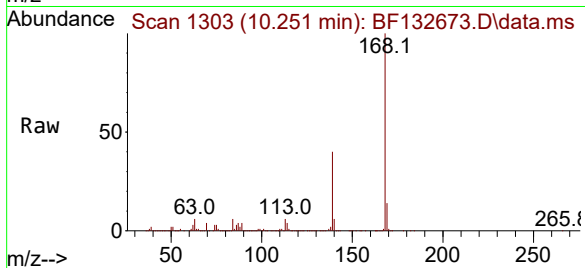
Tgt Ion:168 Resp: 1829174

Ion Ratio Lower Upper

168 100

139 40.1 29.8 44.6

169 14.1 10.9 16.3



#56

4-Nitrophenol

Concen: 78.453 ng

RT: 10.169 min Scan# 1289

Delta R.T. 0.018 min

Lab File: BF132673.D

Acq: 07 Mar 2023 12:03

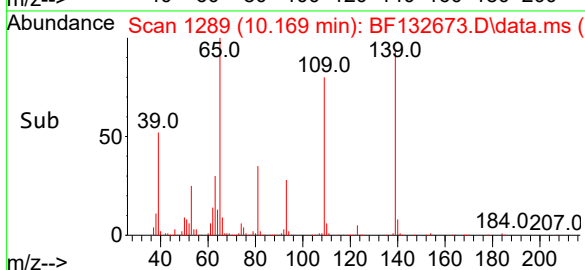
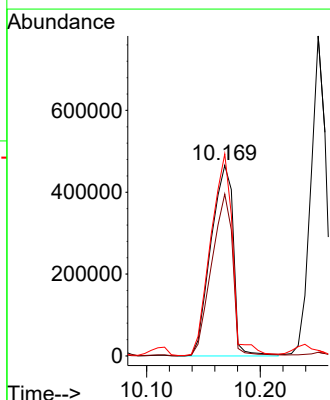
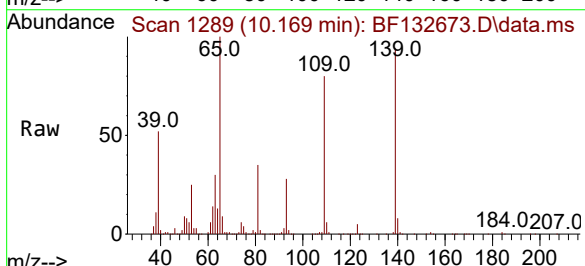
Tgt Ion:139 Resp: 639037

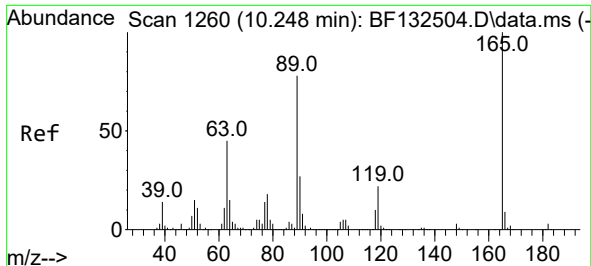
Ion Ratio Lower Upper

139 100

109 84.9 56.7 96.7

65 106.1 83.5 123.5





#57

2,4-Dinitrotoluene

Concen: 39.604 ng

RT: 10.239 min Scan# 1301

Delta R.T. 0.012 min

Lab File: BF132673.D

Acq: 07 Mar 2023 12:03

Instrument :

BNA_F

ClientSampleId :

PB151052BS

Tgt Ion:165 Resp: 514451

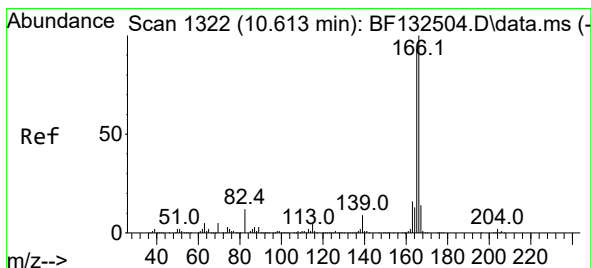
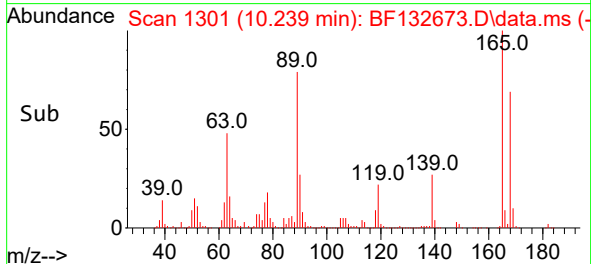
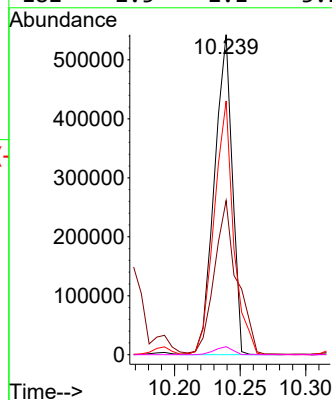
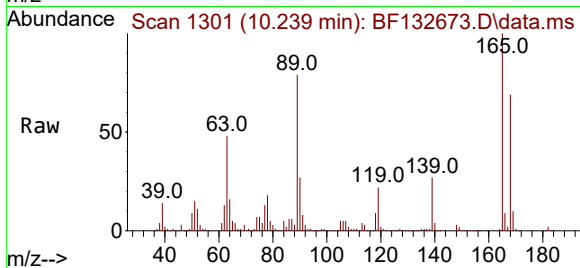
Ion Ratio Lower Upper

165 100

63 48.2 36.5 54.7

89 79.3 62.4 93.6

182 2.5 2.1 3.1



#58

Fluorene

Concen: 36.829 ng

RT: 10.598 min Scan# 1362

Delta R.T. 0.006 min

Lab File: BF132673.D

Acq: 07 Mar 2023 12:03

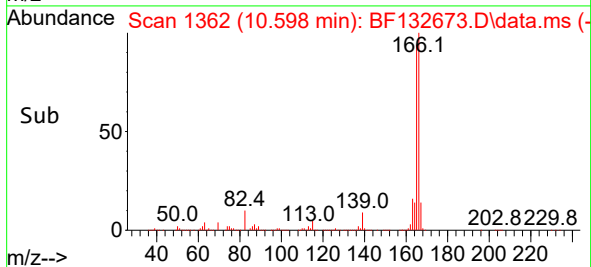
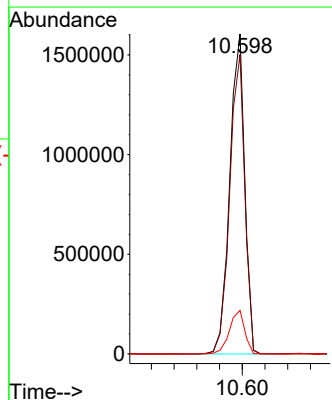
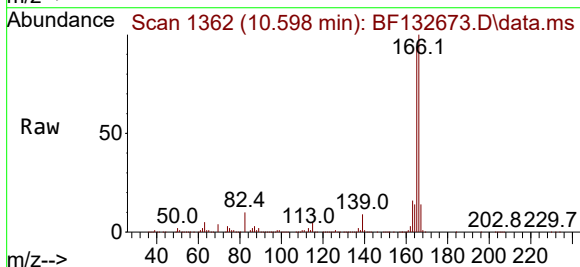
Tgt Ion:166 Resp: 1466515

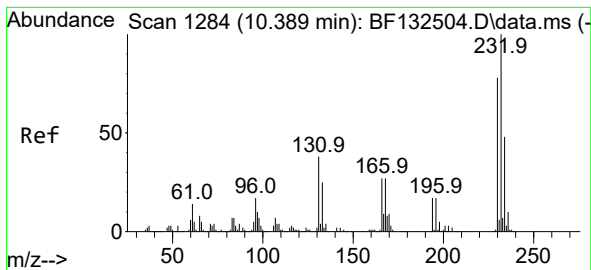
Ion Ratio Lower Upper

166 100

165 93.6 74.2 111.4

167 13.6 11.1 16.7

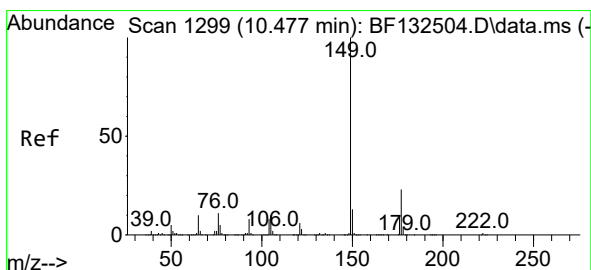
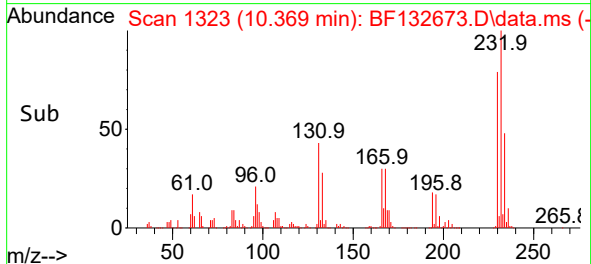
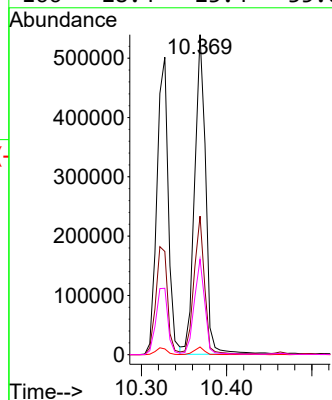
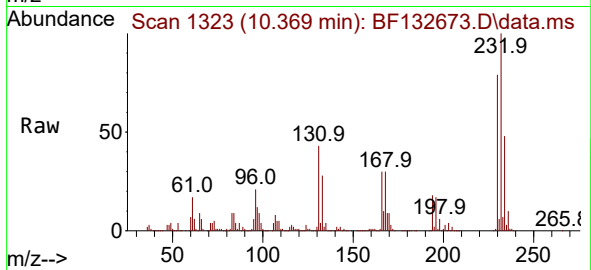




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.911 ng
RT: 10.369 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

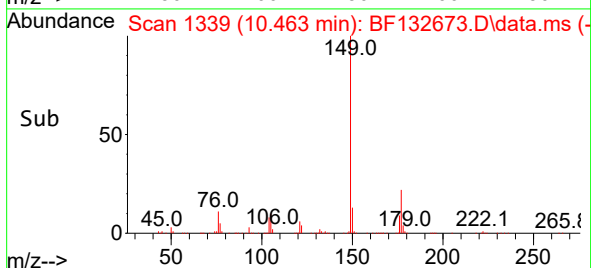
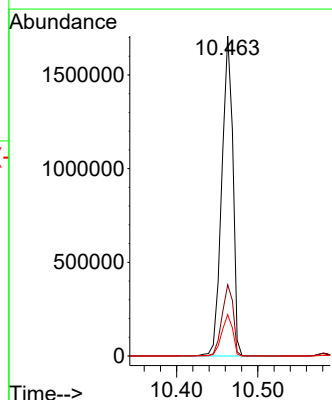
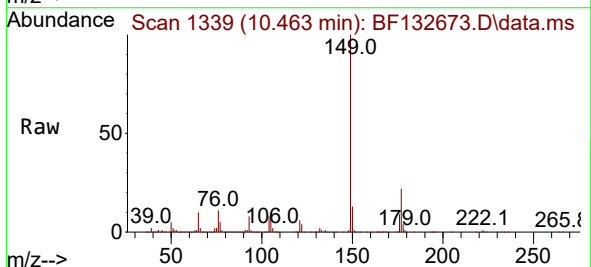
Instrument :
BNA_F
ClientSampleId :
PB151052BS

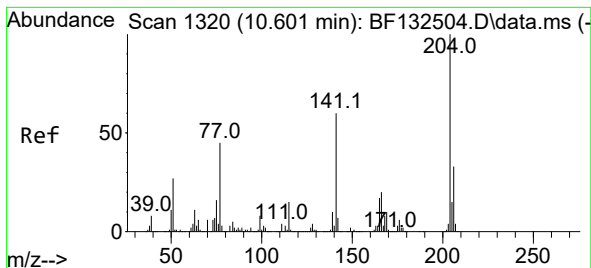
Tgt Ion:232 Resp: 485715
Ion Ratio Lower Upper
232 100
131 40.6 33.8 50.8
130 2.2 1.7 2.5
166 28.4 23.4 35.0



#60
Diethylphthalate
Concen: 38.823 ng
RT: 10.463 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion:149 Resp: 1625606
Ion Ratio Lower Upper
149 100
177 22.3 18.1 27.1
150 12.9 10.2 15.2

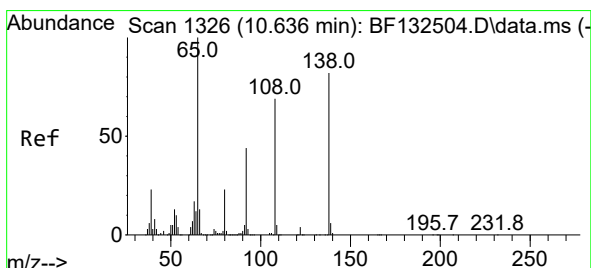
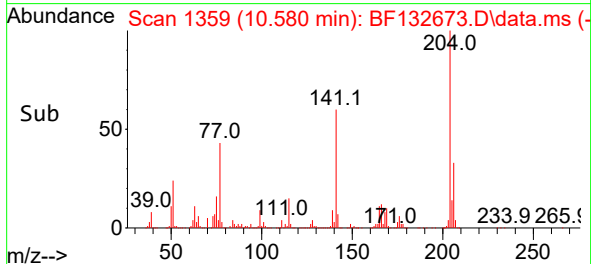
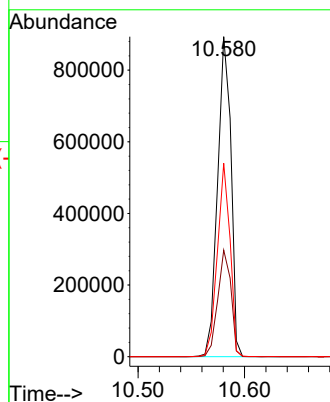
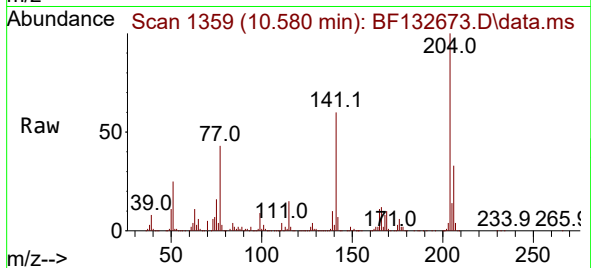




#61
4-Chlorophenyl-phenylether
Concen: 37.412 ng
RT: 10.580 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

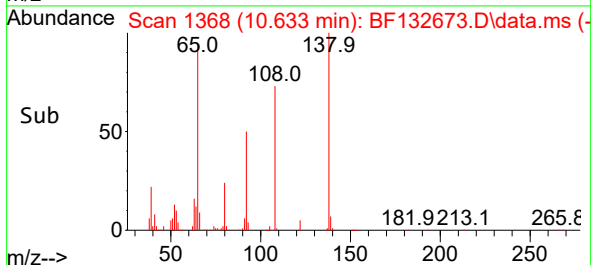
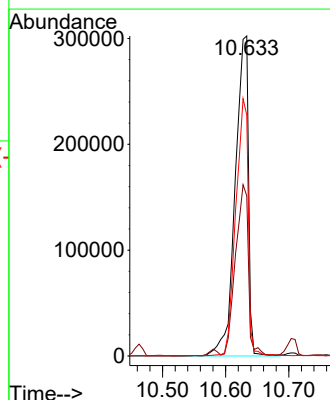
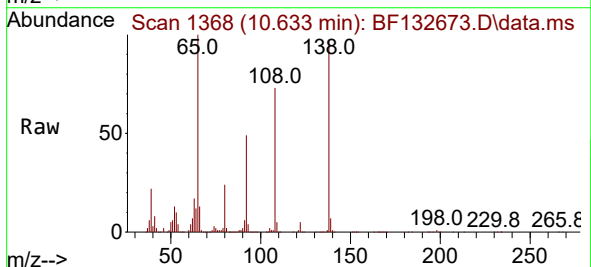
Instrument :
BNA_F
ClientSampleId :
PB151052BS

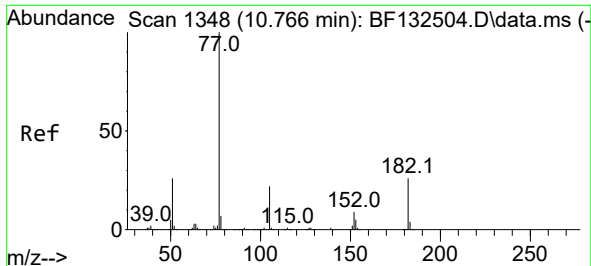
Tgt Ion:204 Resp: 772831
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 60.4 47.8 71.8



#62
4-Nitroaniline
Concen: 41.129 ng
RT: 10.633 min Scan# 1368
Delta R.T. 0.018 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion:138 Resp: 440960
Ion Ratio Lower Upper
138 100
92 50.1 33.8 73.8
108 75.3 63.7 103.7

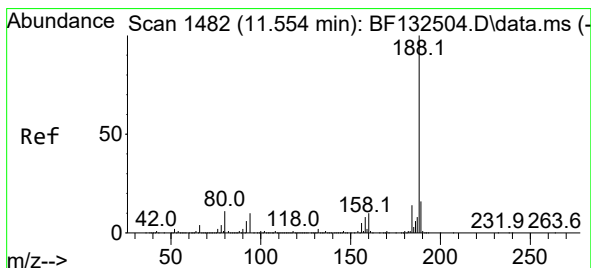
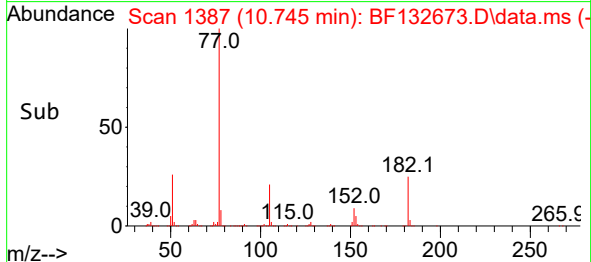
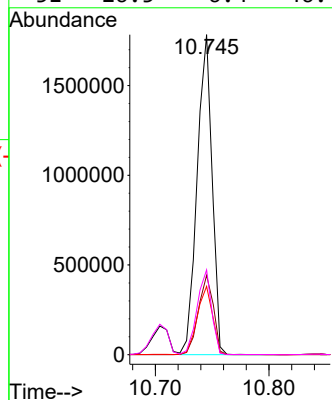
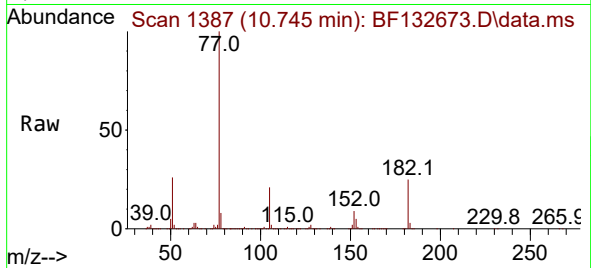




#63
Azobenzene
Concen: 36.868 ng
RT: 10.745 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

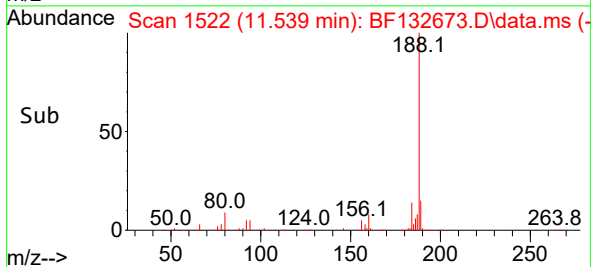
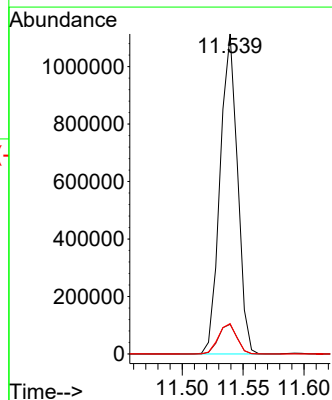
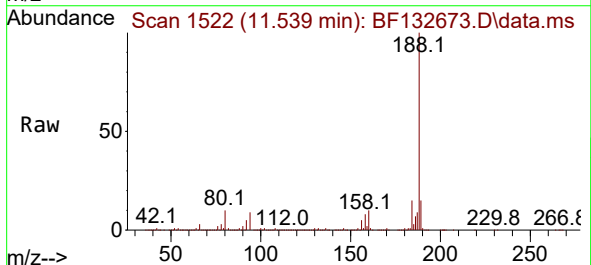
Instrument :
BNA_F
ClientSampleId :
PB151052BS

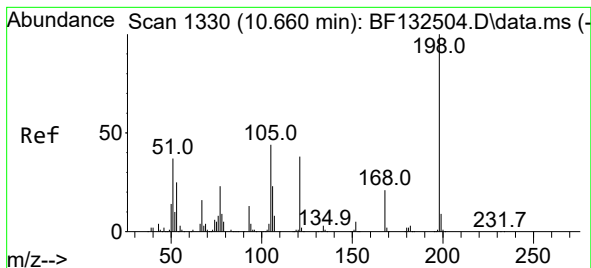
Tgt Ion: 77 Resp: 1634923
Ion Ratio Lower Upper
77 100
182 24.8 5.5 45.5
105 21.3 1.8 41.8
51 26.5 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.539 min Scan# 1522
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion: 188 Resp: 1111901
Ion Ratio Lower Upper
188 100
94 9.3 8.3 12.5
80 9.5 8.7 13.1

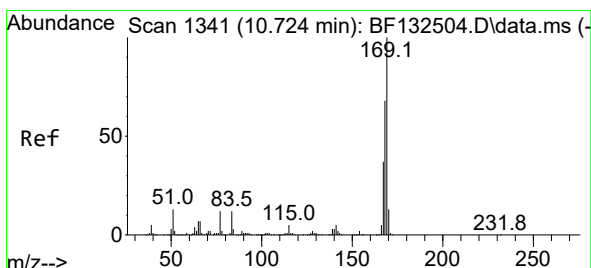
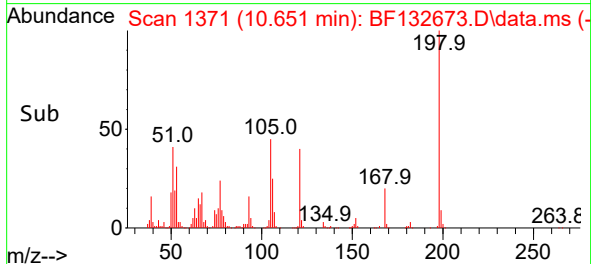
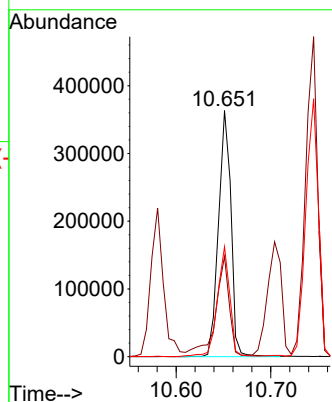
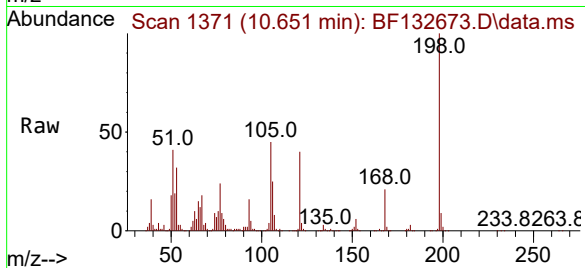




#65
4,6-Dinitro-2-methylphenol
Concen: 44.056 ng
RT: 10.651 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

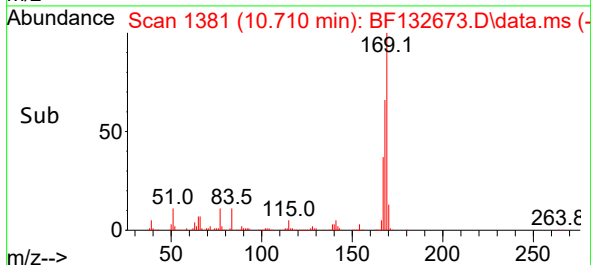
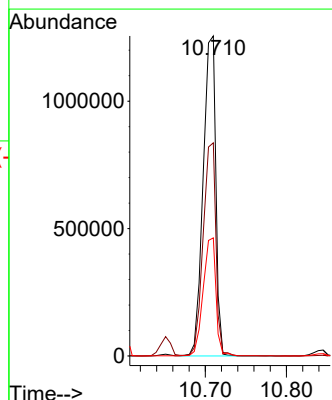
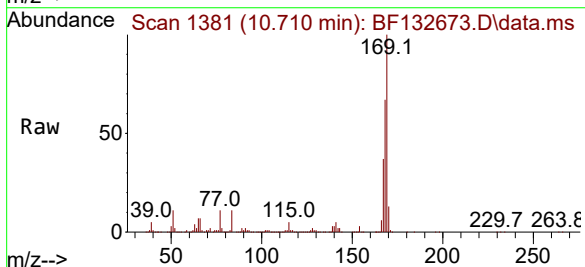
Instrument :
BNA_F
ClientSampleId :
PB151052BS

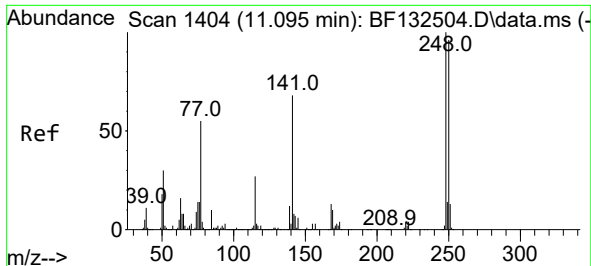
Tgt Ion:198 Resp: 331610
Ion Ratio Lower Upper
198 100
51 40.8 20.6 60.6
105 44.7 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 39.088 ng
RT: 10.710 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion:169 Resp: 1354963
Ion Ratio Lower Upper
169 100
168 66.6 54.2 81.4
167 36.9 29.6 44.4

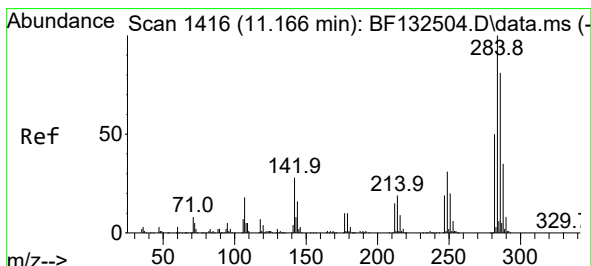
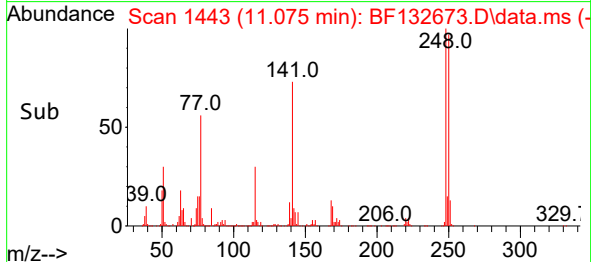
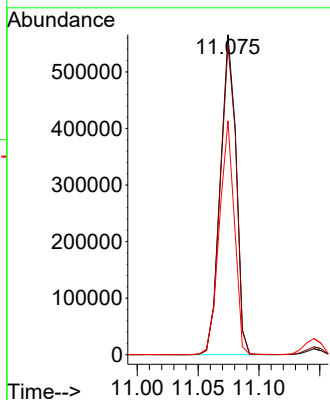
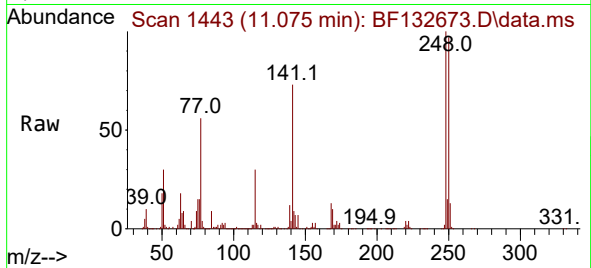




#67
4-Bromophenyl-phenylether
Concen: 40.497 ng
RT: 11.075 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

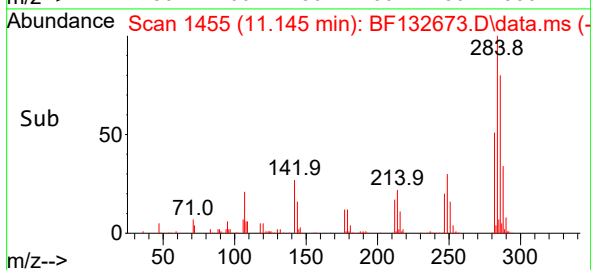
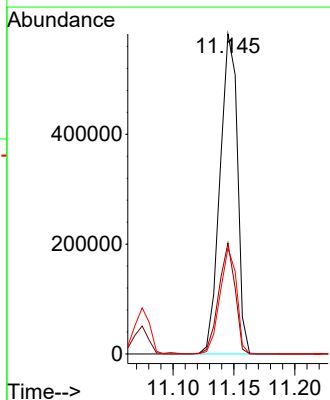
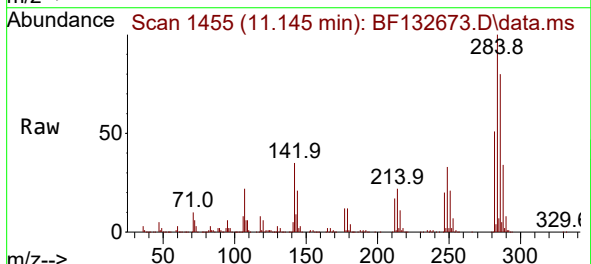
Instrument :
BNA_F
ClientSampleId :
PB151052BS

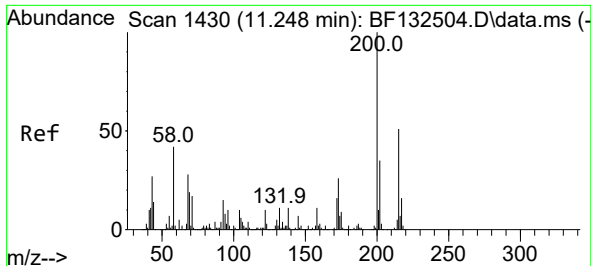
Tgt Ion:248 Resp: 509349
Ion Ratio Lower Upper
248 100
250 96.8 77.0 115.4
141 73.1 54.2 81.2



#68
Hexachlorobenzene
Concen: 43.791 ng
RT: 11.145 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion:284 Resp: 579541
Ion Ratio Lower Upper
284 100
142 34.7 22.2 33.4#
249 33.1 24.9 37.3

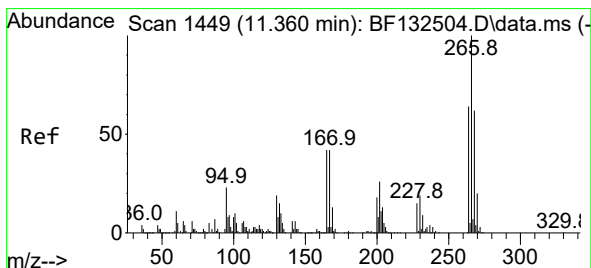
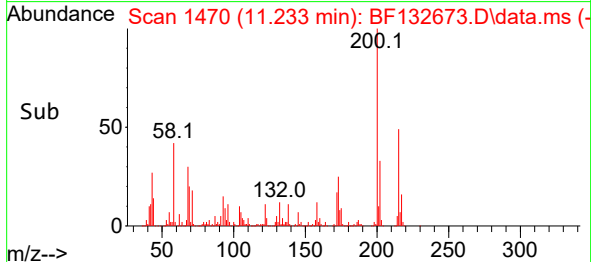
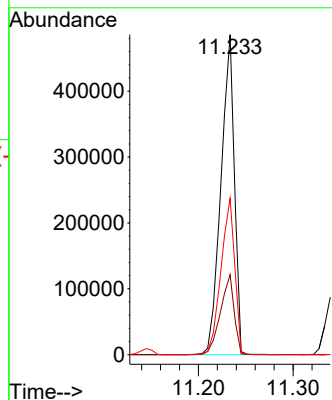
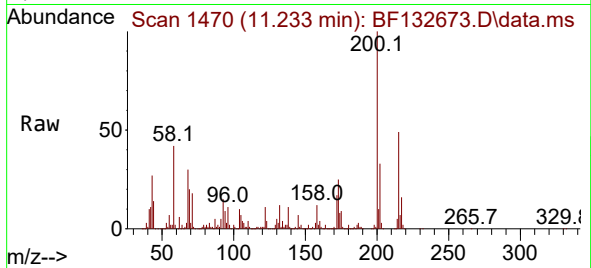




#69
 Atrazine
 Concen: 44.438 ng
 RT: 11.233 min Scan# 1417
 Delta R.T. 0.012 min
 Lab File: BF132673.D
 Acq: 07 Mar 2023 12:03

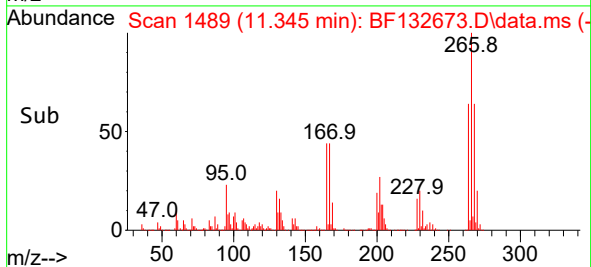
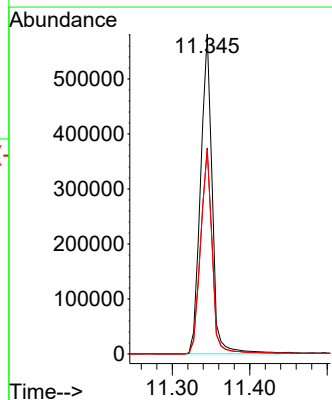
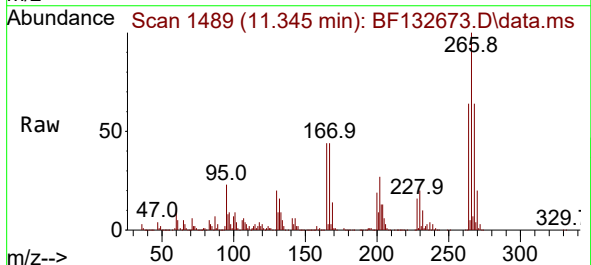
Instrument :
 BNA_F
 ClientSampleId :
 PB151052BS

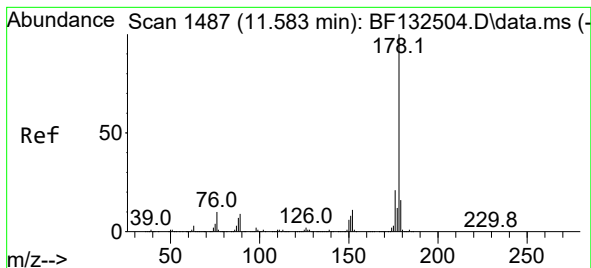
Tgt Ion:200 Resp: 480897
 Ion Ratio Lower Upper
 200 100
 173 25.0 6.4 46.4
 215 48.9 31.0 71.0



#70
 Pentachlorophenol
 Concen: 76.931 ng
 RT: 11.345 min Scan# 1489
 Delta R.T. 0.006 min
 Lab File: BF132673.D
 Acq: 07 Mar 2023 12:03

Tgt Ion:266 Resp: 605752
 Ion Ratio Lower Upper
 266 100
 268 64.4 49.8 74.6
 264 63.8 50.9 76.3





#71

Phenanthrene

Concen: 37.800 ng

RT: 11.569 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132673.D

Acq: 07 Mar 2023 12:03

Instrument :

BNA_F

ClientSampleId :

PB151052BS

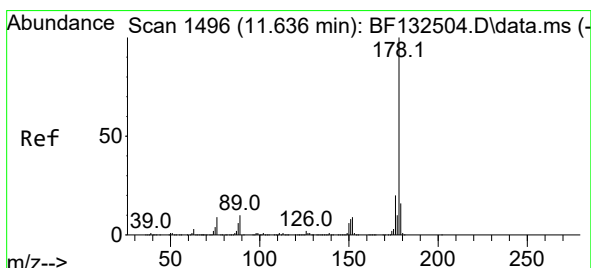
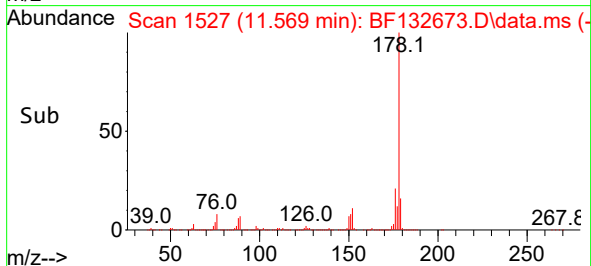
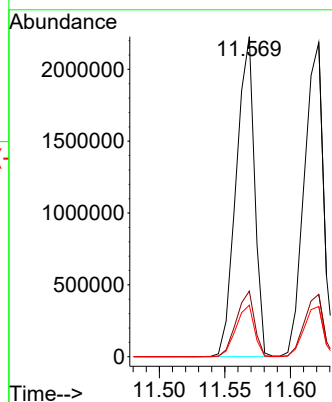
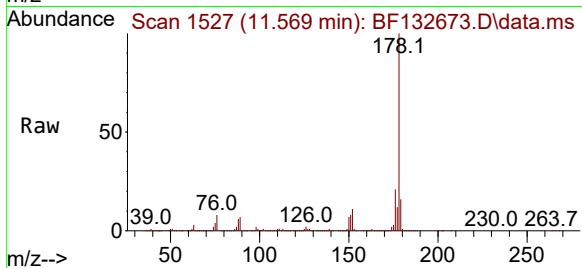
Tgt Ion:178 Resp: 2177373

Ion Ratio Lower Upper

178 100

176 20.5 16.5 24.7

179 16.1 13.0 19.6



#72

Anthracene

Concen: 37.161 ng

RT: 11.622 min Scan# 1536

Delta R.T. 0.006 min

Lab File: BF132673.D

Acq: 07 Mar 2023 12:03

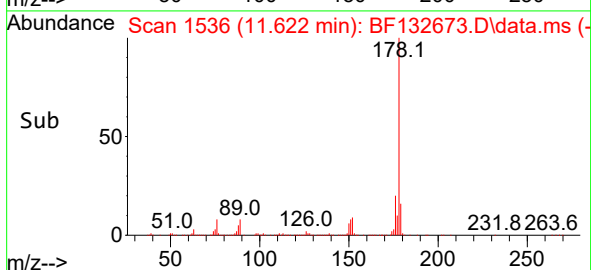
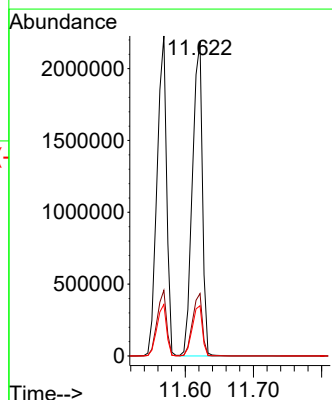
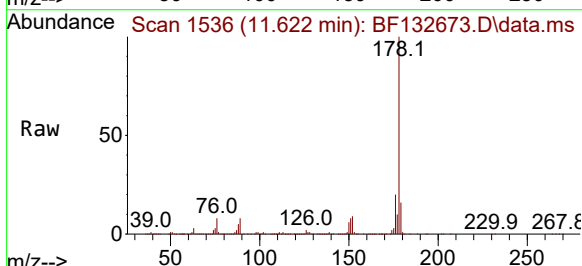
Tgt Ion:178 Resp: 2204276

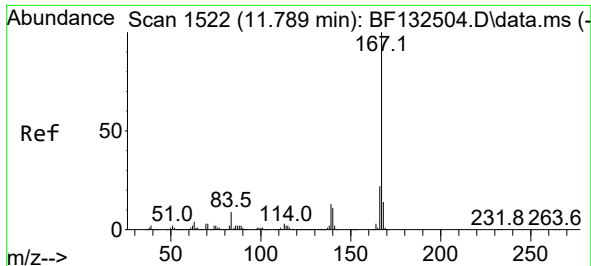
Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

179 16.0 12.5 18.7

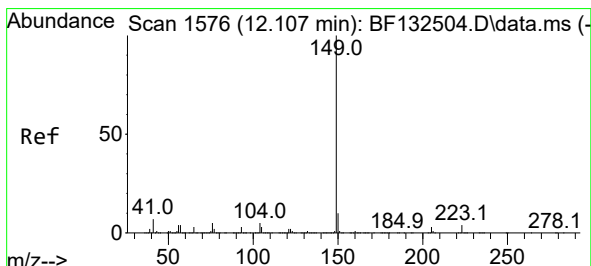
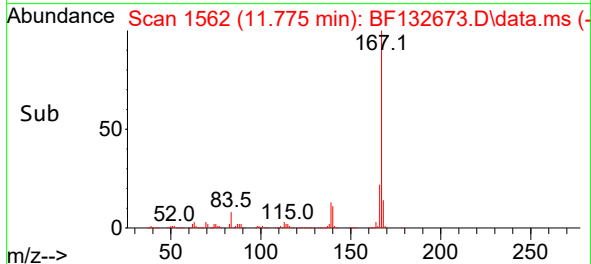
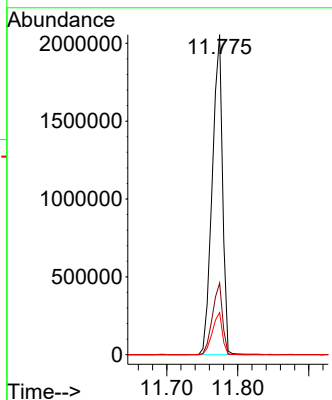
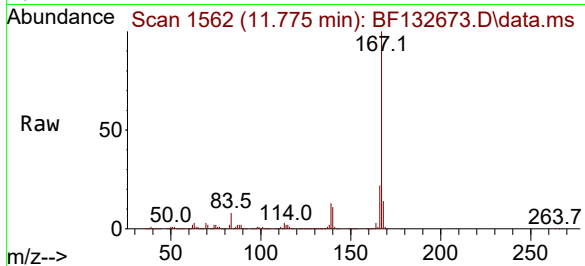




#73
Carbazole
Concen: 38.666 ng
RT: 11.775 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

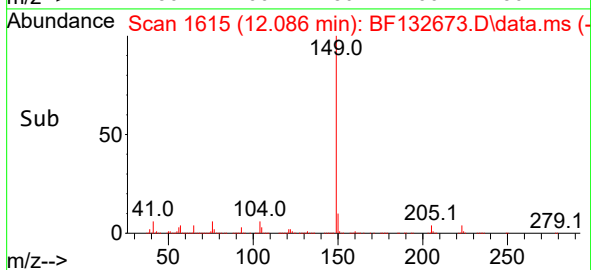
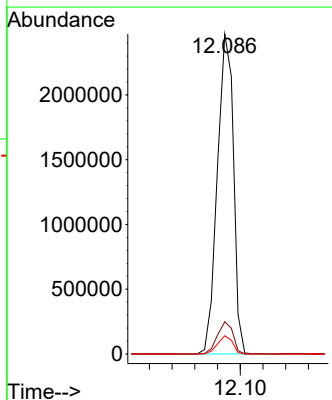
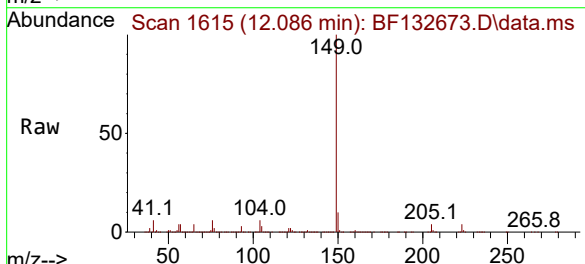
Instrument :
BNA_F
ClientSampleId :
PB151052BS

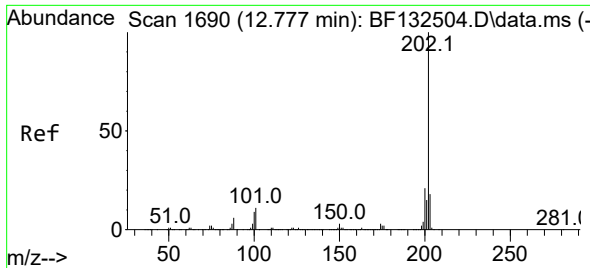
Tgt Ion:167 Resp: 2067880
Ion Ratio Lower Upper
167 100
166 22.4 17.7 26.5
139 13.2 10.5 15.7



#74
Di-n-butylphthalate
Concen: 38.889 ng
RT: 12.086 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion:149 Resp: 2439597
Ion Ratio Lower Upper
149 100
150 10.1 7.8 11.8
104 5.7 4.3 6.5

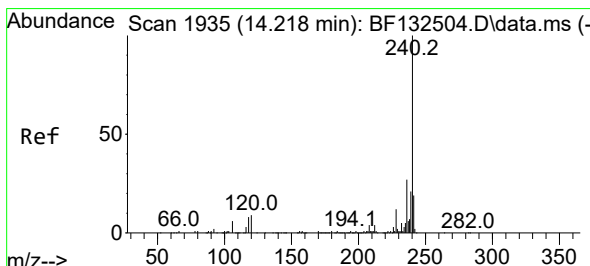
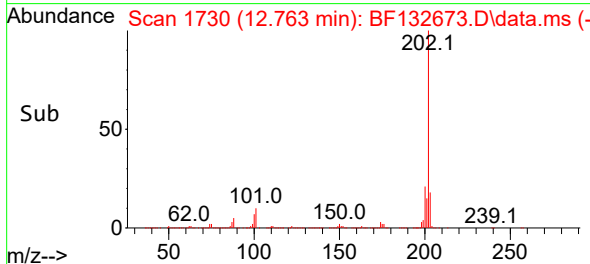
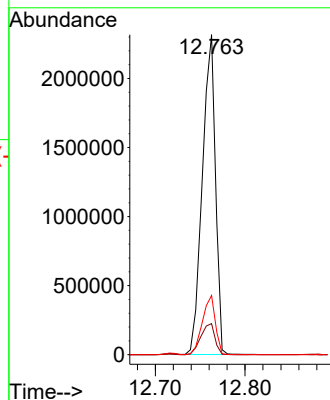
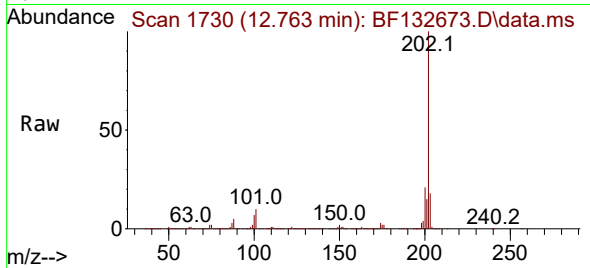




#75
Fluoranthene
Concen: 37.299 ng
RT: 12.763 min Scan# 1730
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

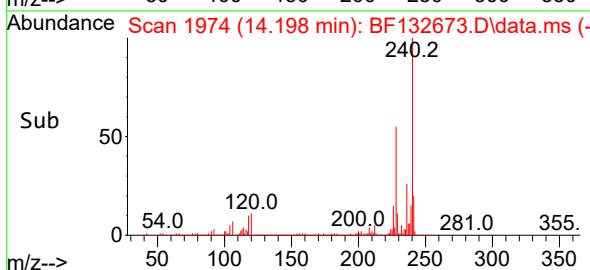
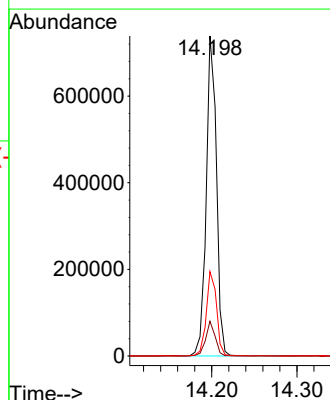
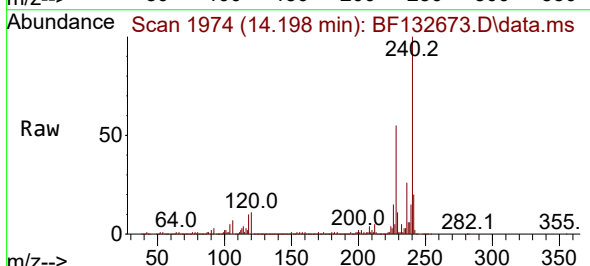
Instrument :
BNA_F
ClientSampleId :
PB151052BS

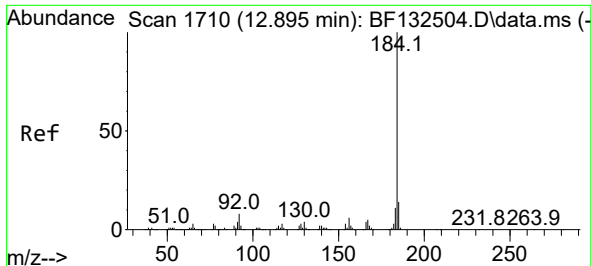
Tgt Ion:202 Resp: 2348718
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.4
203 18.5 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.198 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion:240 Resp: 614919
Ion Ratio Lower Upper
240 100
120 10.8 7.2 10.8#
236 26.4 21.8 32.6

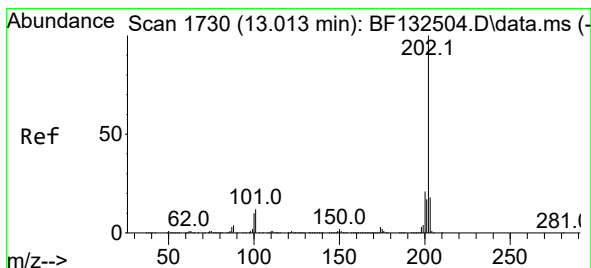
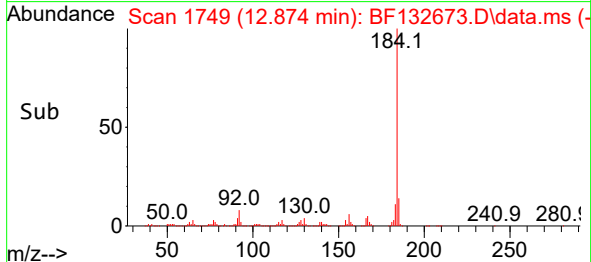
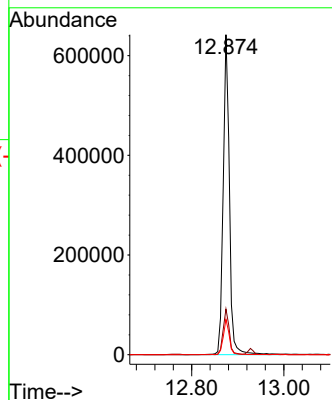
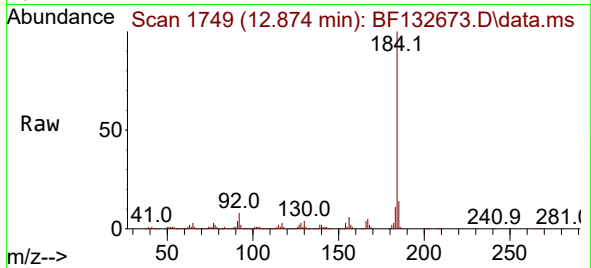




#77
Benzidine
Concen: 39.951 ng
RT: 12.874 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

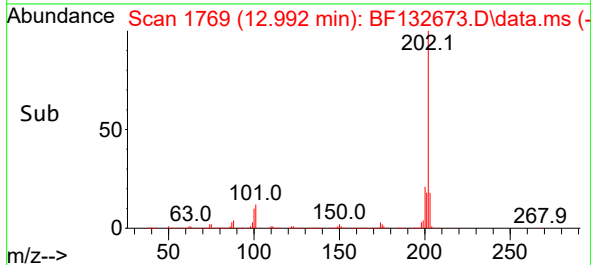
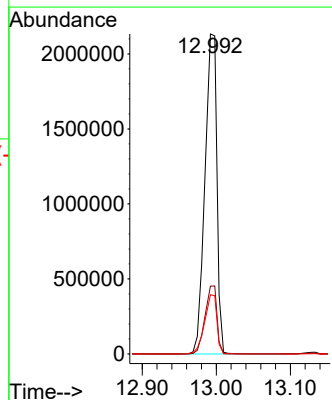
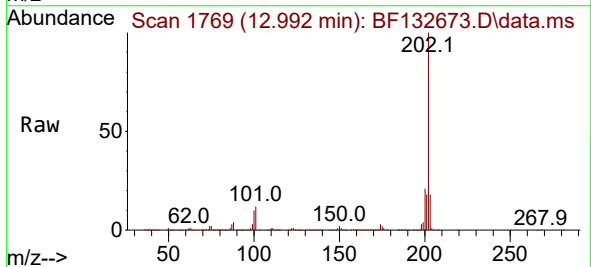
Instrument :
BNA_F
ClientSampleId :
PB151052BS

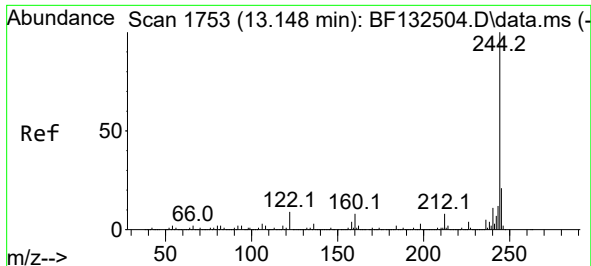
Tgt Ion:184 Resp: 598019
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.0 8.7 13.1



#78
Pyrene
Concen: 42.905 ng
RT: 12.992 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion:202 Resp: 2398684
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 18.5 14.6 21.8

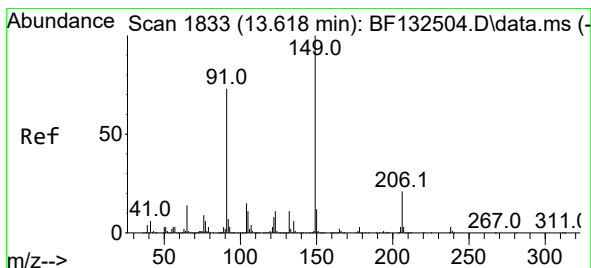
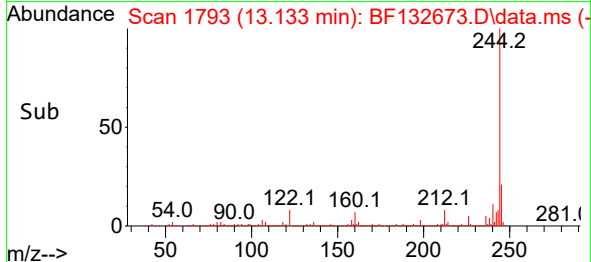
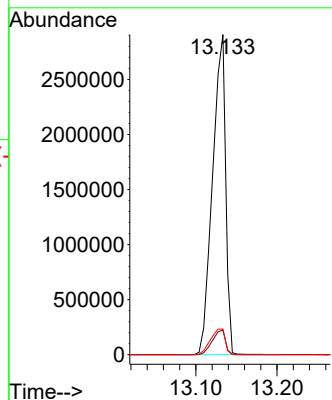
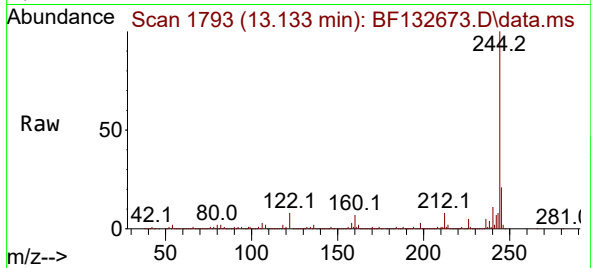




#79
 Terphenyl-d14
 Concen: 89.129 ng
 RT: 13.133 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF132673.D
 Acq: 07 Mar 2023 12:03

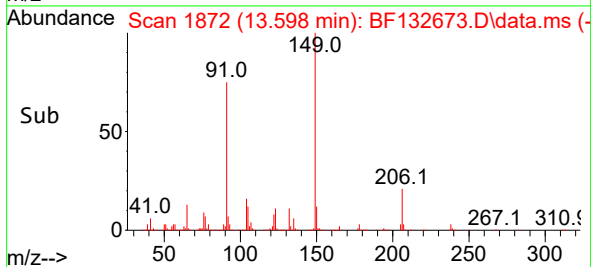
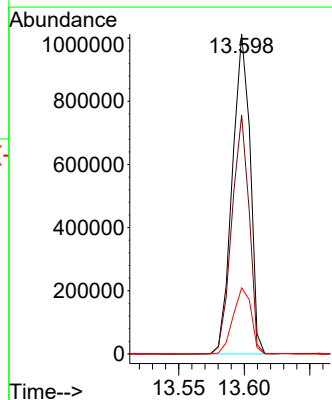
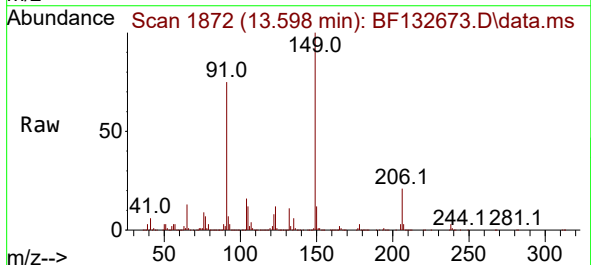
Instrument :
 BNA_F
 ClientSampleId :
 PB151052BS

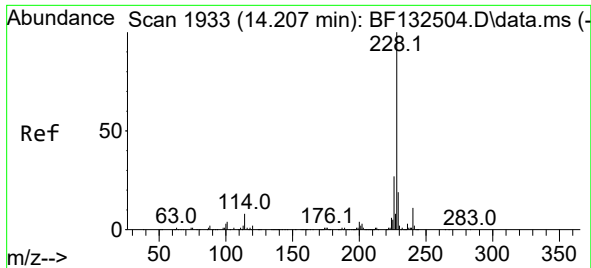
Tgt Ion:244 Resp: 3241606
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 8.0 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 43.260 ng
 RT: 13.598 min Scan# 1872
 Delta R.T. -0.000 min
 Lab File: BF132673.D
 Acq: 07 Mar 2023 12:03

Tgt Ion:149 Resp: 954411
 Ion Ratio Lower Upper
 149 100
 91 74.7 58.4 87.6
 206 20.7 16.8 25.2

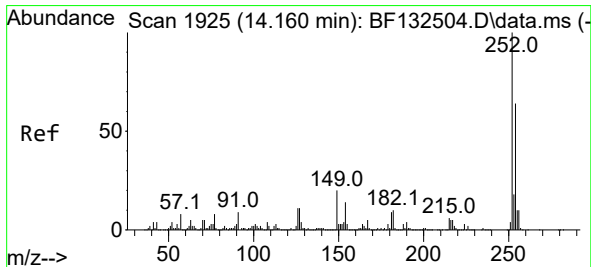
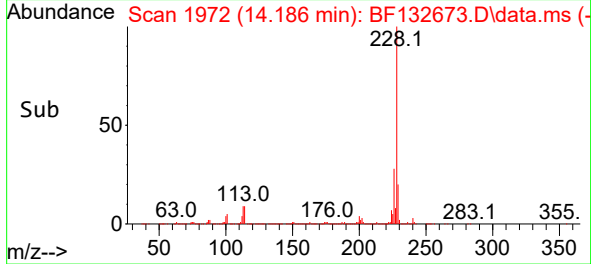
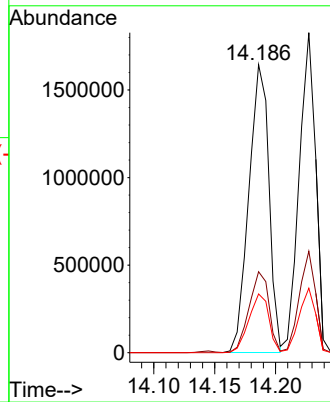
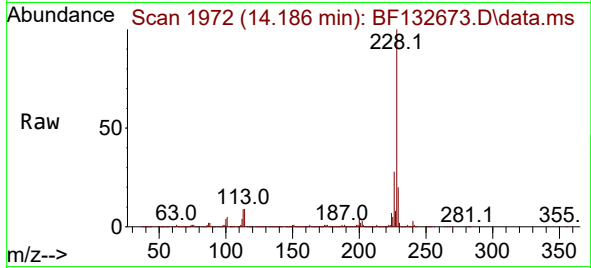




#81
Benzo(a)anthracene
Concen: 41.038 ng
RT: 14.186 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

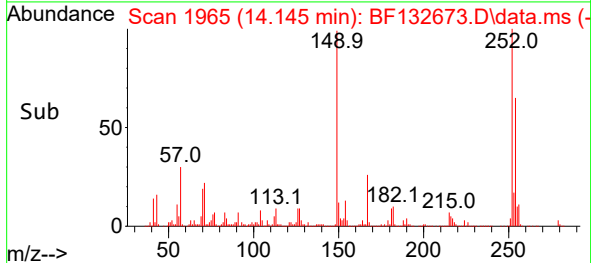
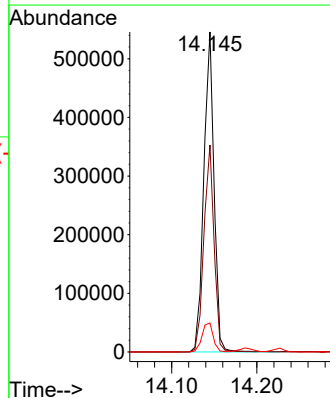
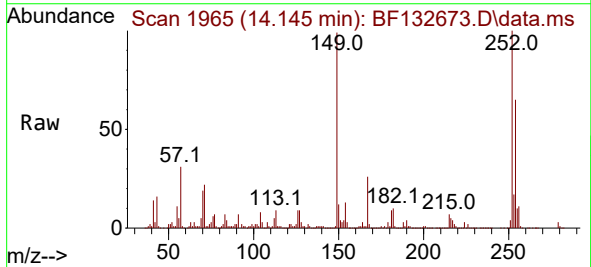
Instrument :
BNA_F
ClientSampleId :
PB151052BS

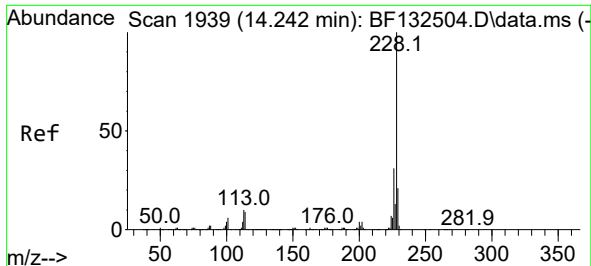
Tgt Ion:228 Resp: 1888143
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 20.4 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 33.495 ng
RT: 14.145 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion:252 Resp: 454346
Ion Ratio Lower Upper
252 100
254 64.7 51.4 77.2
126 9.0 8.9 13.3

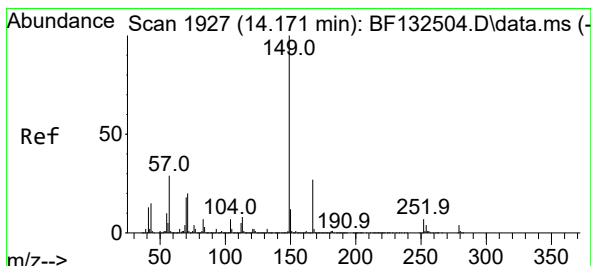
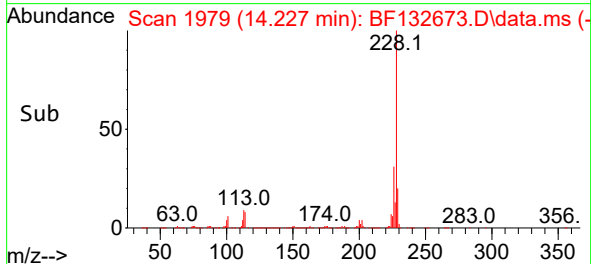
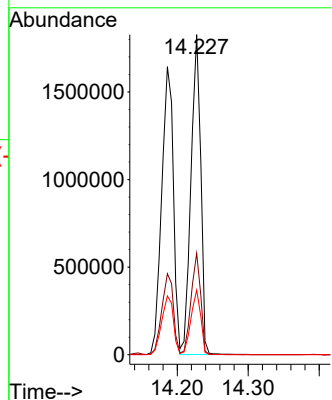
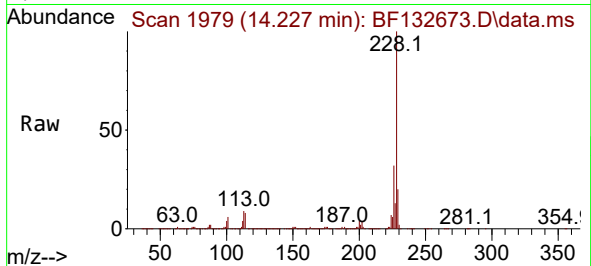




#83
Chrysene
Concen: 40.356 ng
RT: 14.227 min Scan# 1939
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

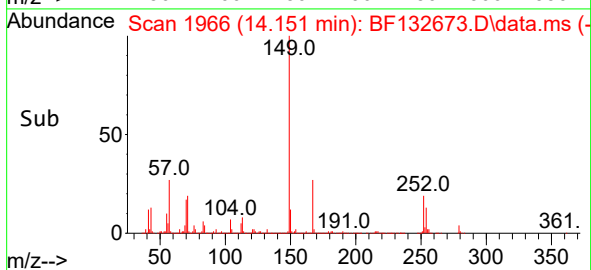
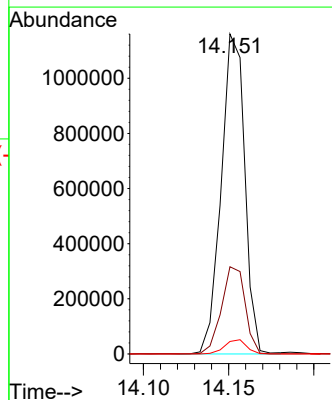
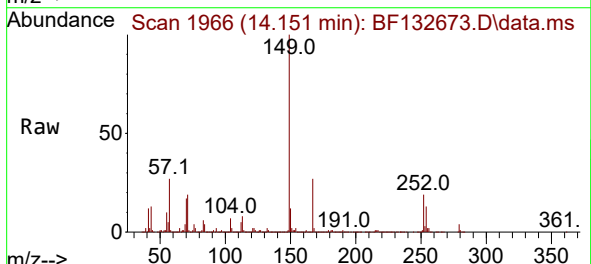
Instrument :
BNA_F
ClientSampleId :
PB151052BS

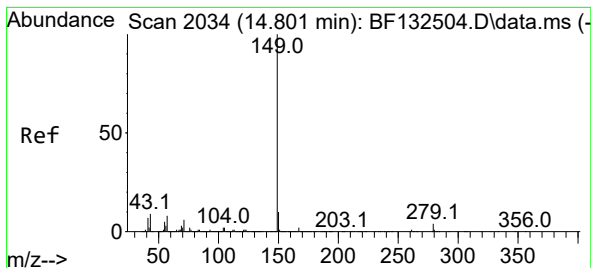
Tgt Ion:228 Resp: 1736295
Ion Ratio Lower Upper
228 100
226 31.7 25.0 37.6
229 20.2 16.4 24.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.111 ng
RT: 14.151 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion:149 Resp: 1114204
Ion Ratio Lower Upper
149 100
167 27.2 21.8 32.6
279 3.9 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 44.674 ng

RT: 14.780 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF132673.D

Acq: 07 Mar 2023 12:03

Instrument :

BNA_F

ClientSampleId :

PB151052BS

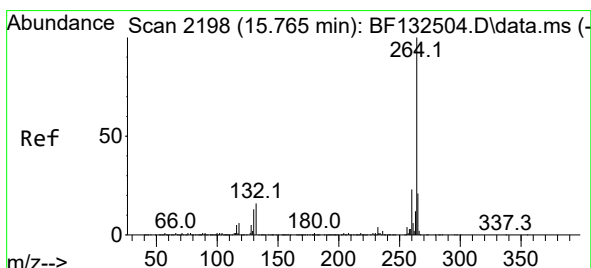
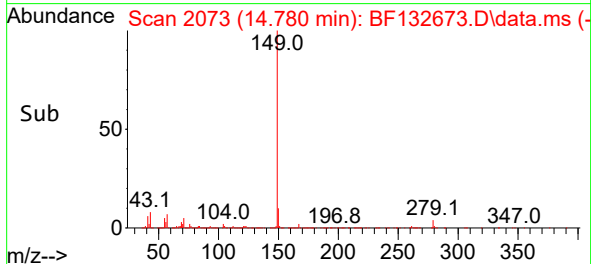
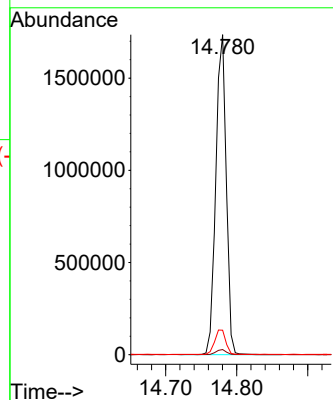
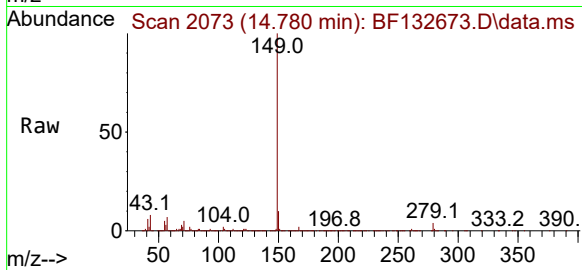
Tgt Ion:149 Resp: 1769268

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.1 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.739 min Scan# 2236

Delta R.T. -0.000 min

Lab File: BF132673.D

Acq: 07 Mar 2023 12:03

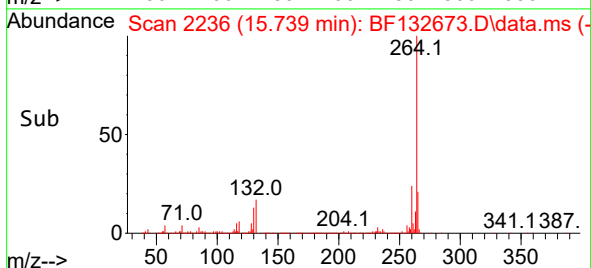
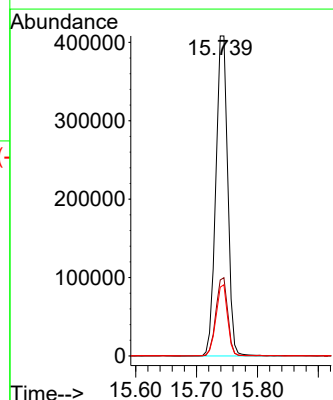
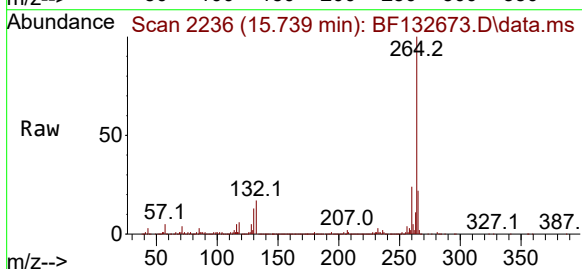
Tgt Ion:264 Resp: 554134

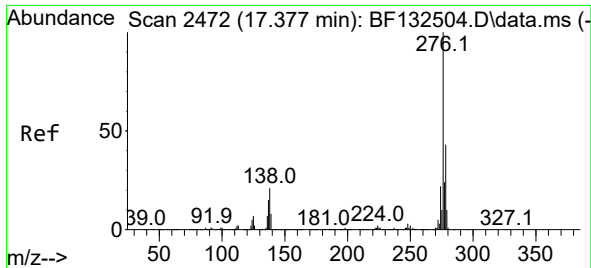
Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.5 17.1 25.7

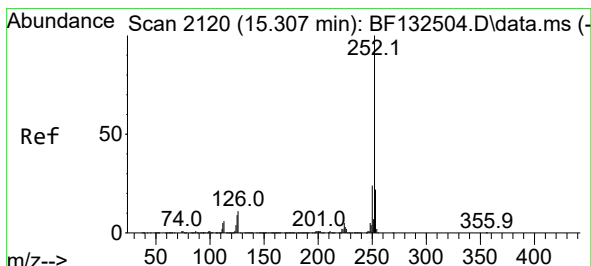
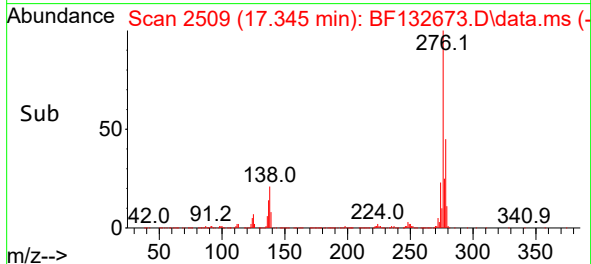
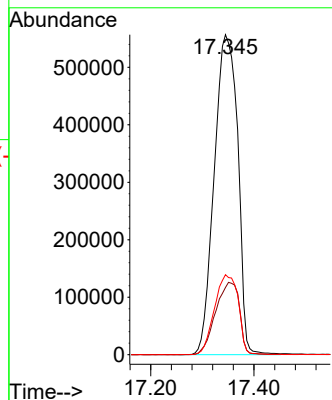
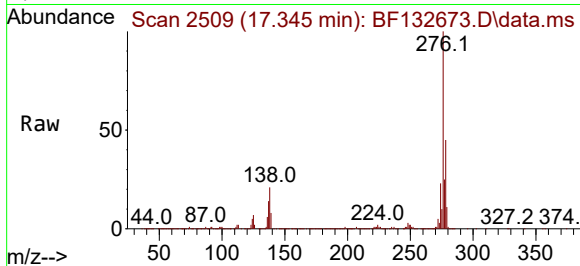




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.434 ng
 RT: 17.345 min Scan# 2159
 Delta R.T. -0.000 min
 Lab File: BF132673.D
 Acq: 07 Mar 2023 12:03

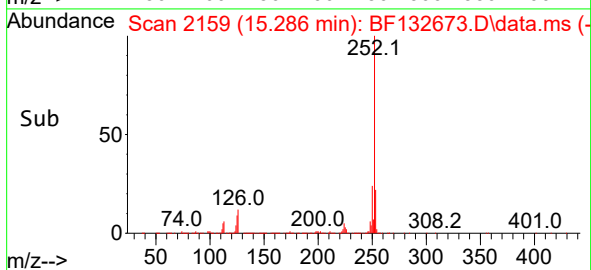
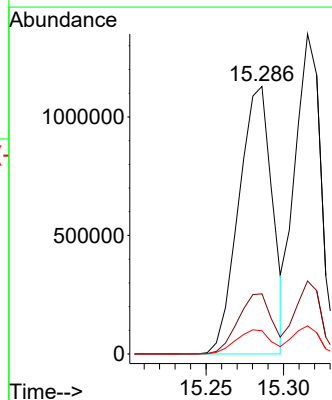
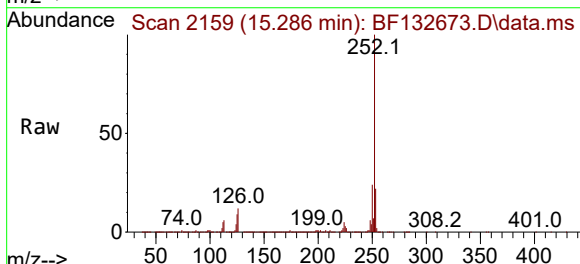
Instrument :
 BNA_F
 ClientSampleId :
 PB151052BS

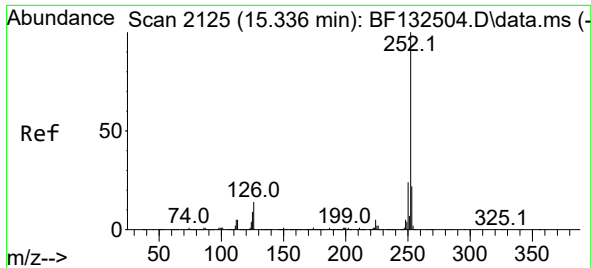
Tgt Ion:276 Resp: 1758616
 Ion Ratio Lower Upper
 276 100
 138 23.0 19.0 28.4
 277 25.3 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 45.872 ng
 RT: 15.286 min Scan# 2159
 Delta R.T. 0.006 min
 Lab File: BF132673.D
 Acq: 07 Mar 2023 12:03

Tgt Ion:252 Resp: 1703466
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.4 26.0
 125 8.7 7.0 10.6

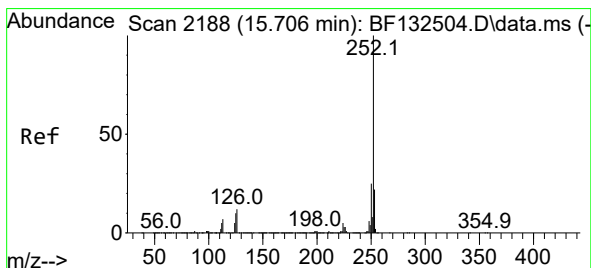
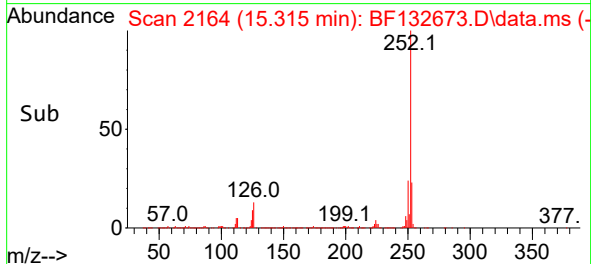
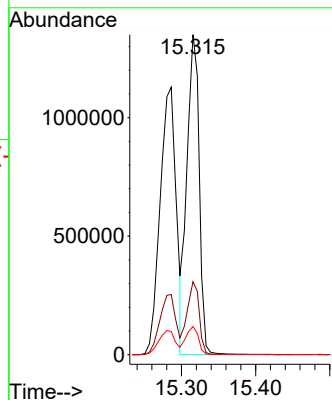
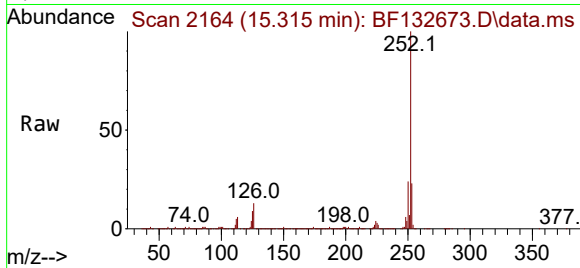




#89
Benzo(k)fluoranthene
Concen: 43.001 ng
RT: 15.315 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

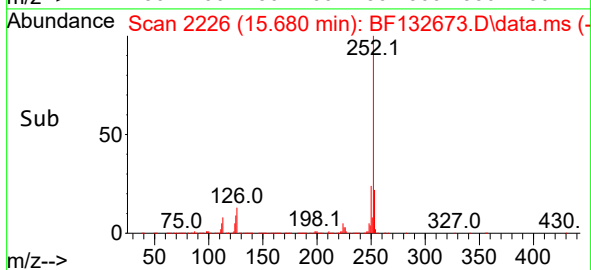
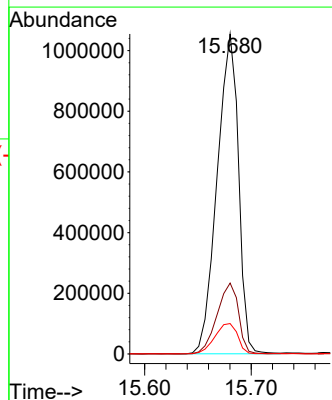
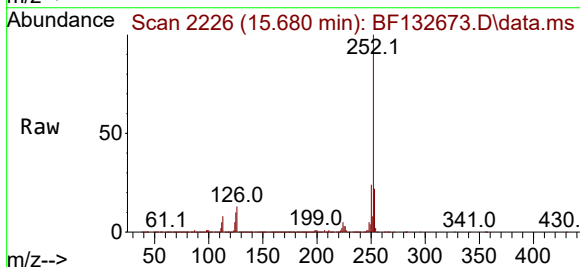
Instrument :
BNA_F
ClientSampleId :
PB151052BS

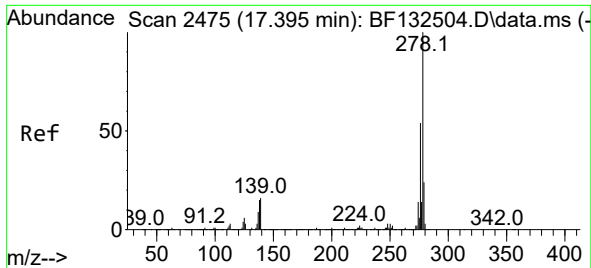
Tgt Ion:252 Resp: 1562827
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 8.8 7.2 10.8



#90
Benzo(a)pyrene
Concen: 42.137 ng
RT: 15.680 min Scan# 2226
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion:252 Resp: 1464511
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 9.5 8.0 12.0

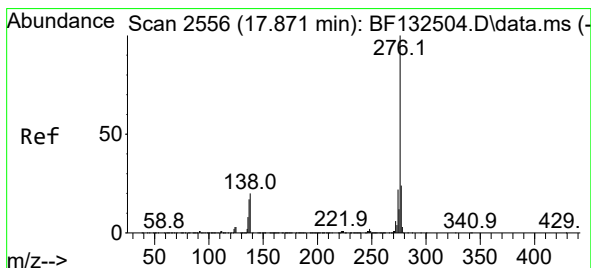
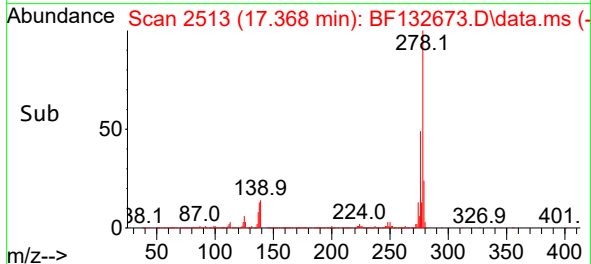
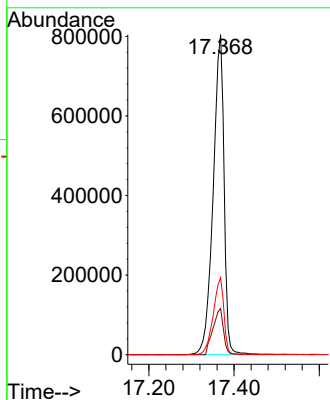
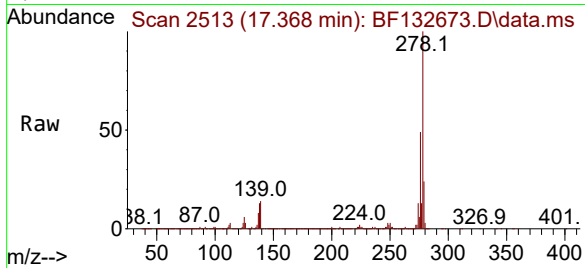




#91
Dibenzo(a,h)anthracene
Concen: 48.324 ng
RT: 17.368 min Scan# 2513
Delta R.T. 0.012 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Instrument :
BNA_F
ClientSampleId :
PB151052BS

Tgt Ion:278 Resp: 1429599
Ion Ratio Lower Upper
278 100
139 14.5 13.0 19.4
279 24.1 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 45.512 ng
RT: 17.839 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BF132673.D
Acq: 07 Mar 2023 12:03

Tgt Ion:276 Resp: 1518690
Ion Ratio Lower Upper
276 100
277 24.1 18.9 28.3
138 20.6 16.2 24.4

