

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133139.D
 Acq On : 29 Apr 2023 00:33
 Operator : CG\JU
 Sample : 02522-13MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4MSD

Quant Time: May 01 03:10:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 03:03:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	183608	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	751779	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	381525	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	684496	20.000	ng	0.00
76) Chrysene-d12	13.892	240	425360	20.000	ng	0.00
86) Perylene-d12	15.304	264	366457	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	845860	69.592	ng	0.00
7) Phenol-d6	6.375	99	652396	43.244	ng	0.00
23) Nitrobenzene-d5	7.304	82	1274184	91.485	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	505003	131.615	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	2028576	88.954	ng	0.00
79) Terphenyl-d14	12.839	244	2306769	93.530	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.440	88	129518	22.973	ng	98
3) Pyridine	3.134	79	298508	19.935	ng	98
4) n-Nitrosodimethylamine	3.081	42	181758	23.435	ng	99
6) Aniline	6.392	93	636880	32.777	ng	96
8) 2-Chlorophenol	6.522	128	529191	42.881	ng	94
9) Benzaldehyde	6.281	77	406842	86.998	ng	99
10) Phenol	6.387	94	294772	17.711	ng	# 69
11) bis(2-Chloroethyl)ether	6.469	93	600098	48.050	ng	99
12) 1,3-Dichlorobenzene	6.675	146	536773	40.911	ng	99
13) 1,4-Dichlorobenzene	6.751	146	551109	41.910	ng	100
14) 1,2-Dichlorobenzene	6.904	146	538282	44.401	ng	97
15) Benzyl Alcohol	6.881	79	360761	34.618	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	977551	45.065	ng	95
17) 2-Methylphenol	6.998	107	363175	32.139	ng	97
18) Hexachloroethane	7.245	117	187727	41.063	ng	93
19) n-Nitroso-di-n-propyla...	7.157	70	440679	46.920	ng	99
20) 3+4-Methylphenols	7.151	107	414799	31.169	ng	94
22) Acetophenone	7.145	105	863457	49.582	ng	# 95
24) Nitrobenzene	7.322	77	659254	46.711	ng	97
25) Isophorone	7.563	82	1233445	46.643	ng	99
26) 2-Nitrophenol	7.639	139	347598	51.062	ng	92
27) 2,4-Dimethylphenol	7.681	122	517546	44.338	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	737652	47.152	ng	100
29) 2,4-Dichlorophenol	7.881	162	495259	46.608	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	506860	46.042	ng	100
31) Naphthalene	8.045	128	1695936	45.121	ng	100
32) Benzoic acid	7.775	122	132056	18.315	ng	98
33) 4-Chloroaniline	8.092	127	537289	35.379	ng	98
34) Hexachlorobutadiene	8.163	225	265244	43.472	ng	100
35) Caprolactam	8.457	113	26279	7.362	ng	97
36) 4-Chloro-3-methylphenol	8.569	107	502320	43.837	ng	99
37) 2-Methylnaphthalene	8.733	142	1151365	44.805	ng	98
38) 1-Methylnaphthalene	8.833	142	1082012	45.010	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	467036	45.528	ng	99
41) Hexachlorocyclopentadiene	8.892	237	549494	91.849	ng	98
43) 2,4,6-Trichlorophenol	9.010	196	339998	47.926	ng	100

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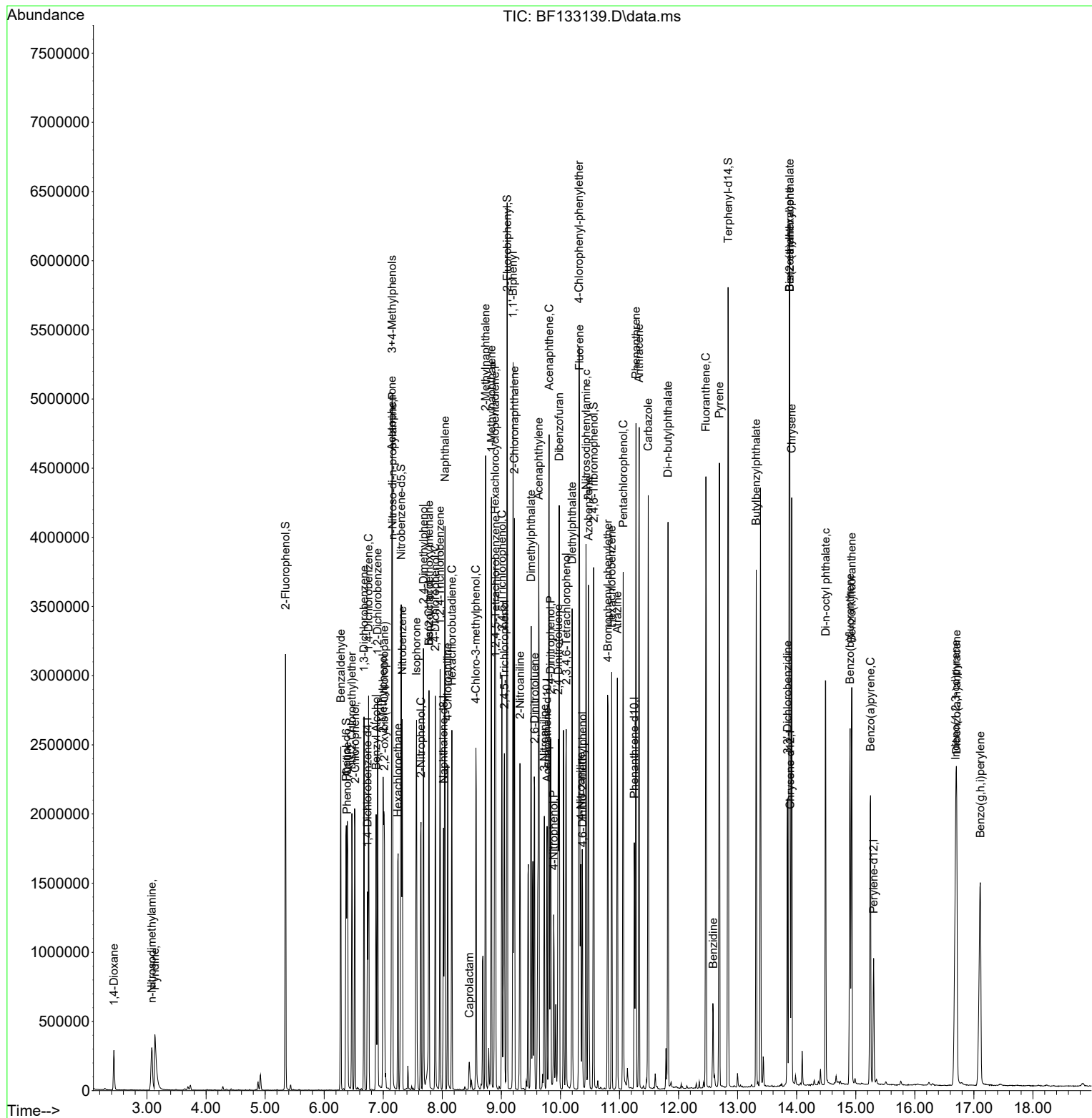
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	366145	44.627	ng	98
46) 1,1'-Biphenyl	9.198	154	1403063	46.377	ng	99
47) 2-Chloronaphthalene	9.222	162	1059529	47.849	ng	99
48) 2-Nitroaniline	9.316	65	368914	50.410	ng	96
49) Acenaphthylene	9.633	152	1691601	47.810	ng	100
50) Dimethylphthalate	9.504	163	1273529	47.872	ng	99
51) 2,6-Dinitrotoluene	9.563	165	304997	50.938	ng	86
52) Acenaphthene	9.810	154	1049954	44.307	ng	99
53) 3-Nitroaniline	9.728	138	287966	40.448	ng	99
54) 2,4-Dinitrophenol	9.833	184	343016	113.971	ng	95
55) Dibenzofuran	9.980	168	1520031	47.023	ng	99
56) 4-Nitrophenol	9.886	139	214552	38.909	ng	87
57) 2,4-Dinitrotoluene	9.963	165	406465	53.231	ng	94
58) Fluorene	10.322	166	1106160	46.708	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.098	232	310033	48.742	ng	99
60) Diethylphthalate	10.198	149	1219849	48.545	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	526983	45.662	ng	99
62) 4-Nitroaniline	10.345	138	334060	51.053	ng	98
63) Azobenzene	10.475	77	1305492	49.043	ng	99
65) 4,6-Dinitro-2-methylph...	10.375	198	238140	57.399	ng	98
66) n-Nitrosodiphenylamine	10.433	169	992922	44.720	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	342476	46.132	ng	99
68) Hexachlorobenzene	10.869	284	375466	49.358	ng	96
69) Atrazine	10.963	200	360307	56.318	ng	99
70) Pentachlorophenol	11.063	266	448266	82.741	ng	98
71) Phenanthrene	11.280	178	1743616	47.394	ng	99
72) Anthracene	11.333	178	1770444	47.024	ng	99
73) Carbazole	11.486	167	1655572	49.384	ng	99
74) Di-n-butylphthalate	11.822	149	1897080	50.004	ng	100
75) Fluoranthene	12.463	202	1786316	48.380	ng	99
77) Benzidine	12.586	184	216312	30.072	ng	# 91
78) Pyrene	12.692	202	1839670	50.453	ng	98
80) Butylbenzylphthalate	13.316	149	794157	61.512	ng	96
81) Benzo(a)anthracene	13.880	228	1379223	47.152	ng	100
82) 3,3'-Dichlorobenzidine	13.845	252	410119	50.754	ng	99
83) Chrysene	13.915	228	1377823	47.116	ng	99
84) Bis(2-ethylhexyl)phtha...	13.880	149	868431	53.589	ng	99
85) Di-n-octyl phthalate	14.492	149	1519136	57.492	ng	96
87) Indeno(1,2,3-cd)pyrene	16.692	276	1390165	66.691	ng	100
88) Benzo(b)fluoranthene	14.904	252	1200141	51.478	ng	98
89) Benzo(k)fluoranthene	14.933	252	1153335	49.905	ng	98
90) Benzo(a)pyrene	15.251	252	1003820	47.305	ng	99
91) Dibenzo(a,h)anthracene	16.709	278	1157614	66.585	ng	98
92) Benzo(g,h,i)perylene	17.109	276	1192159	69.457	ng	98

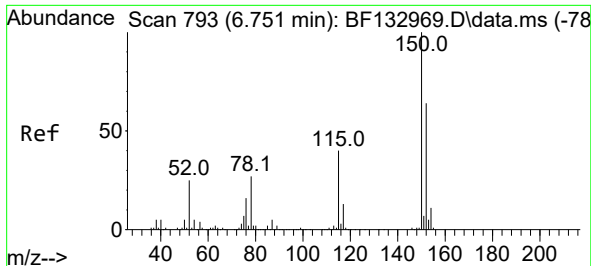
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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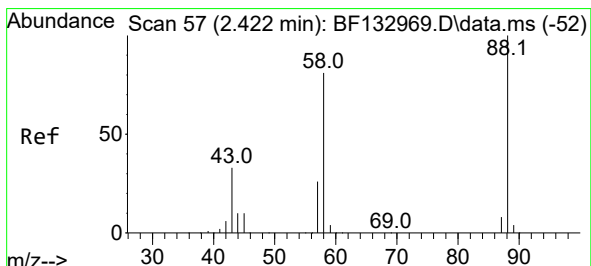
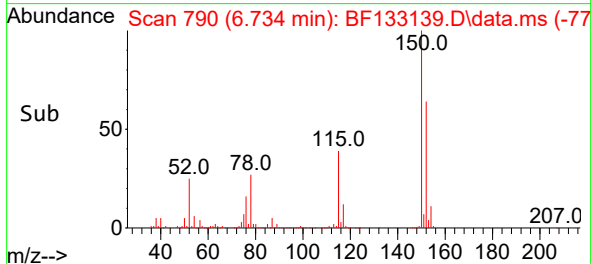
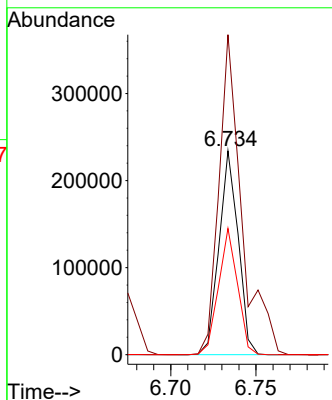
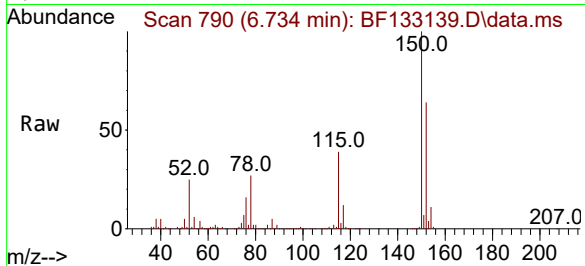




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 793
 Delta R.T. -0.005 min
 Lab File: BF133139.D
 Acq: 29 Apr 2023 00:33

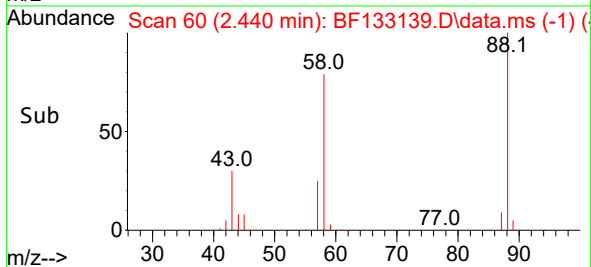
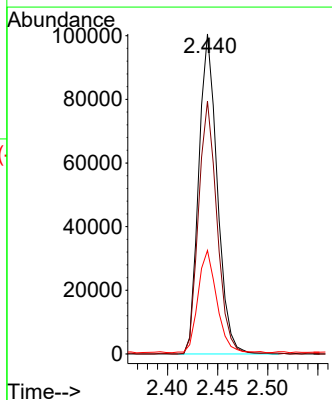
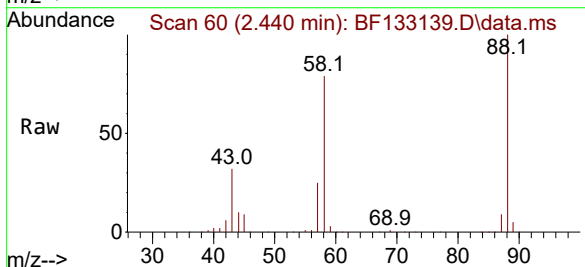
Instrument :
 BNA_F
 ClientSampleId :
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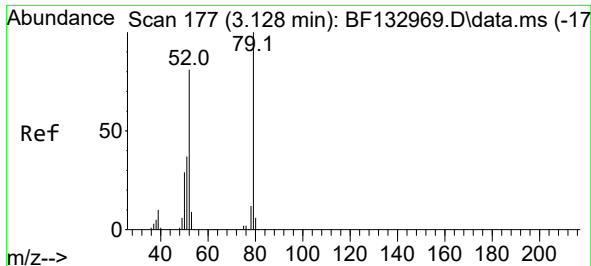
Tgt Ion:152 Resp: 183608
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.8 187.2
 115 62.0 49.9 74.9



#2
 1,4-Dioxane
 Concen: 22.973 ng
 RT: 2.440 min Scan# 60
 Delta R.T. 0.059 min
 Lab File: BF133139.D
 Acq: 29 Apr 2023 00:33

Tgt Ion: 88 Resp: 129518
 Ion Ratio Lower Upper
 88 100
 58 78.8 64.7 97.1
 43 32.3 26.2 39.2





#3

Pyridine

Concen: 19.935 ng

RT: 3.134 min Scan# 1

Delta R.T. 0.053 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

Instrument :

BNA_F

ClientSampleId :

MW-4MSD

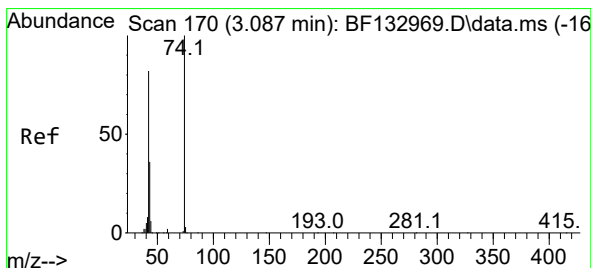
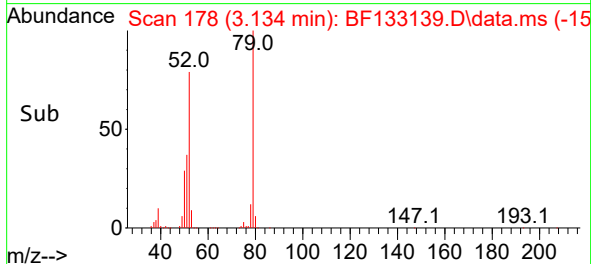
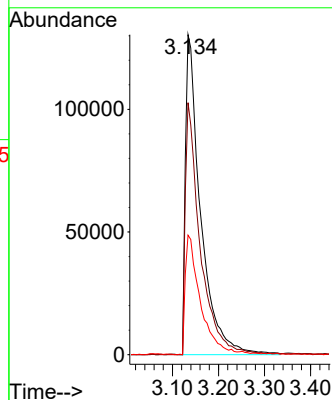
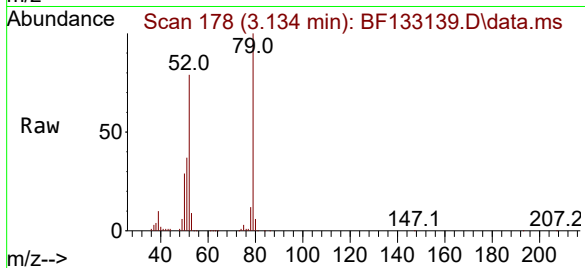
Tgt Ion: 79 Resp: 298508

Ion Ratio Lower Upper

79 100

52 78.8 64.6 96.8

51 37.3 30.0 45.0



#4

n-Nitrosodimethylamine

Concen: 23.435 ng

RT: 3.081 min Scan# 169

Delta R.T. 0.041 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

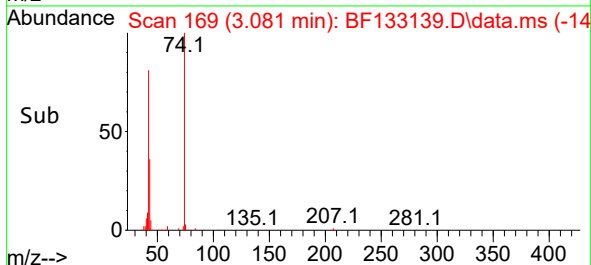
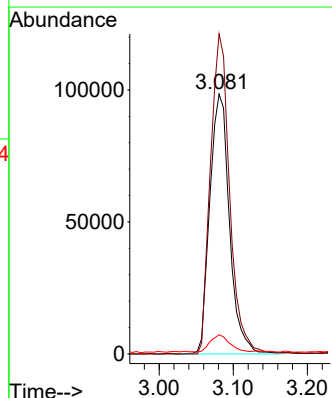
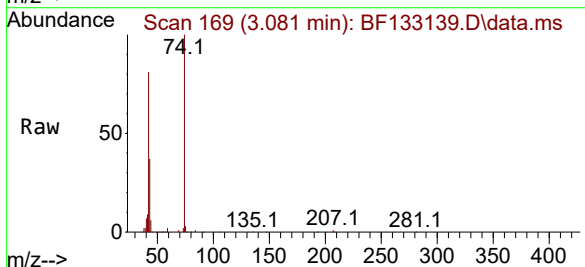
Tgt Ion: 42 Resp: 181758

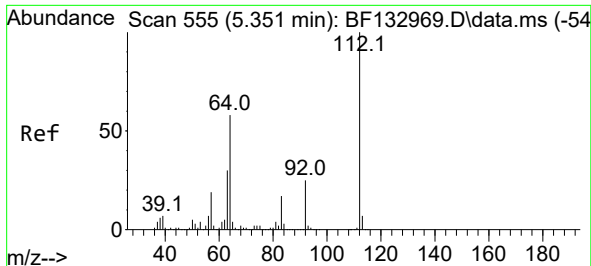
Ion Ratio Lower Upper

42 100

74 123.2 98.0 147.0

44 7.4 5.8 8.8

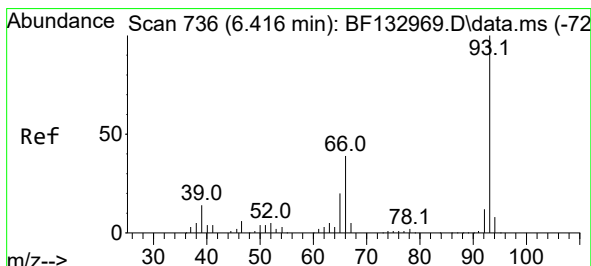
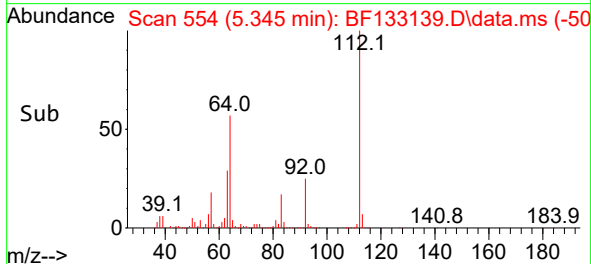
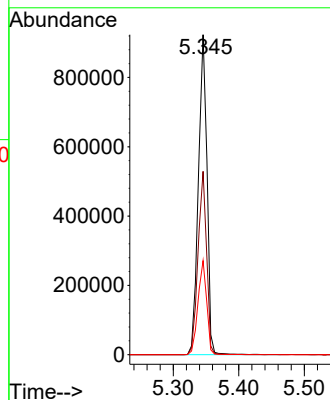
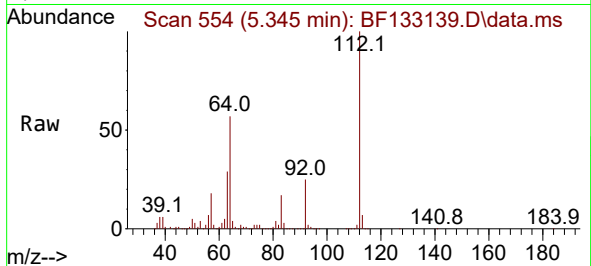




#5
2-Fluorophenol
Concen: 69.592 ng
RT: 5.345 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

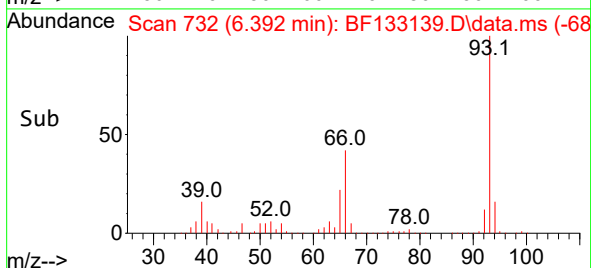
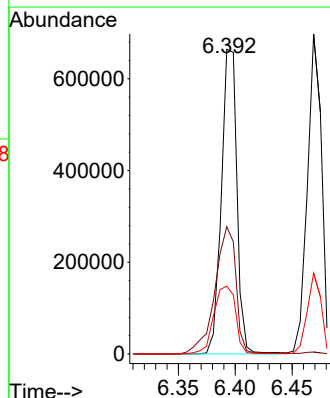
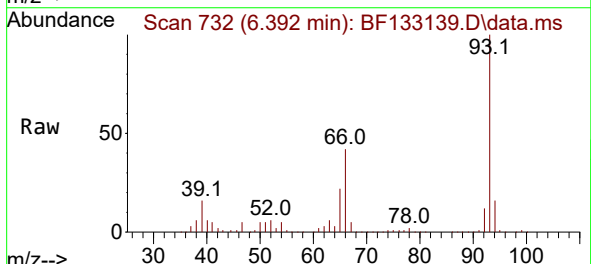
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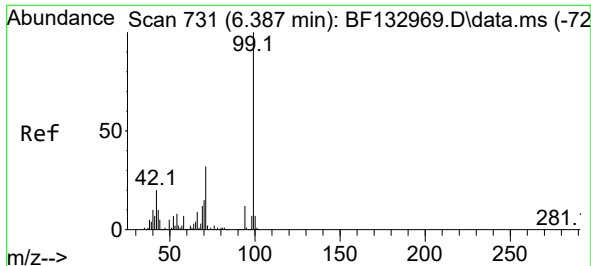
Tgt Ion:112 Resp: 845860
Ion Ratio Lower Upper
112 100
64 57.3 46.8 70.2
63 29.4 23.8 35.8



#6
Aniline
Concen: 32.777 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.012 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

Tgt Ion: 93 Resp: 636880
Ion Ratio Lower Upper
93 100
66 41.7 31.5 47.3
65 22.3 16.4 24.6

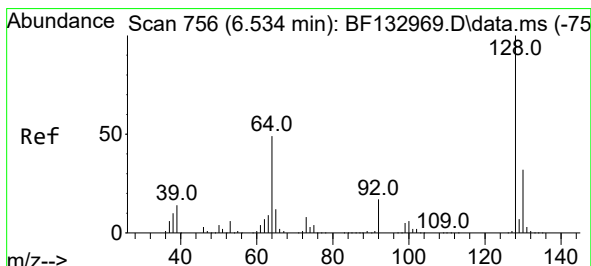
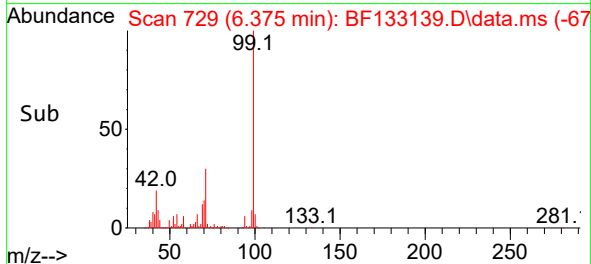
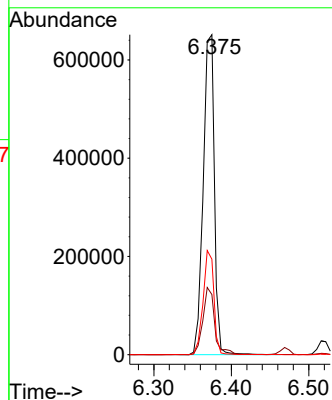
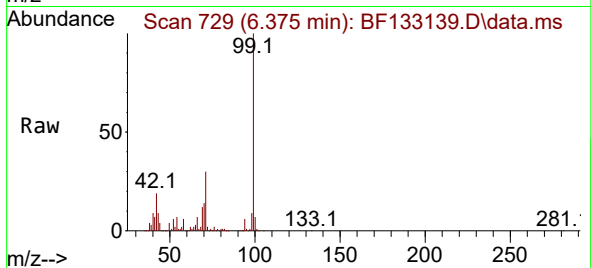




#7
Phenol-d6
Concen: 43.244 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

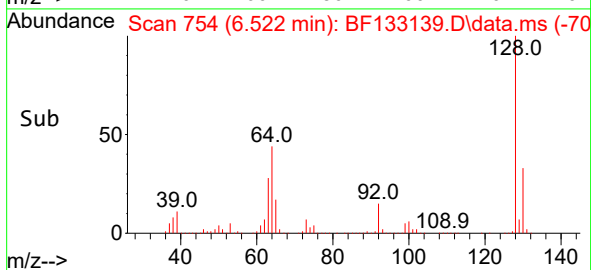
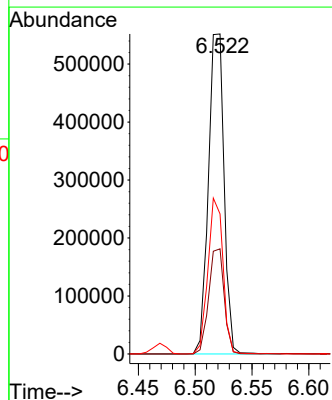
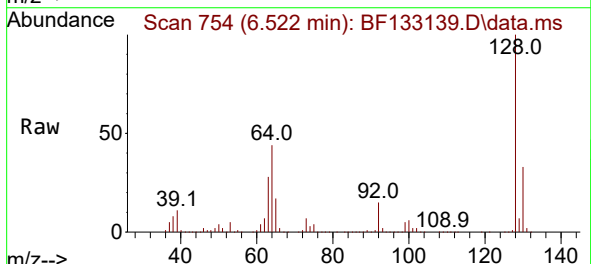
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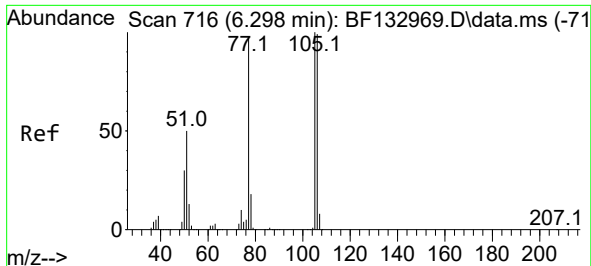
Tgt Ion: 99 Resp: 652396
Ion Ratio Lower Upper
99 100
42 18.8 16.3 24.5
71 29.8 25.6 38.4



#8
2-Chlorophenol
Concen: 42.881 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

Tgt Ion:128 Resp: 529191
Ion Ratio Lower Upper
128 100
130 32.8 12.2 52.2
64 43.8 30.3 70.3

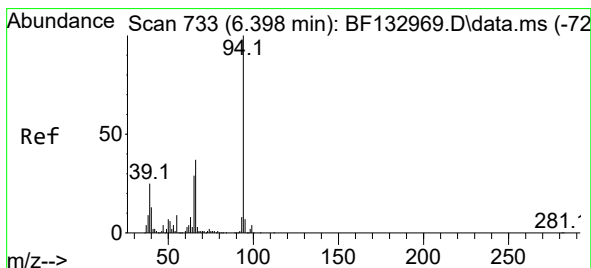
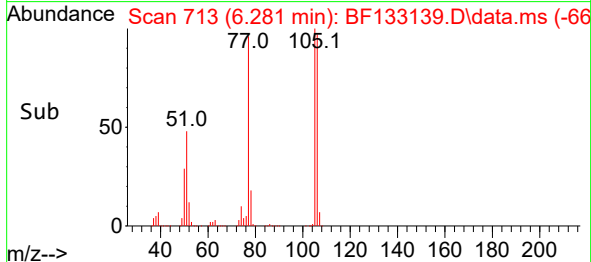
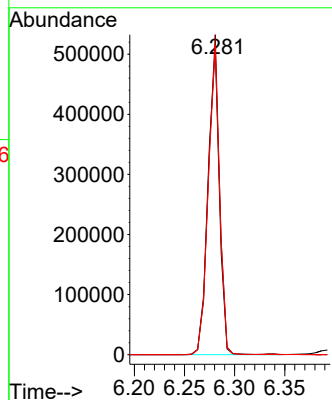
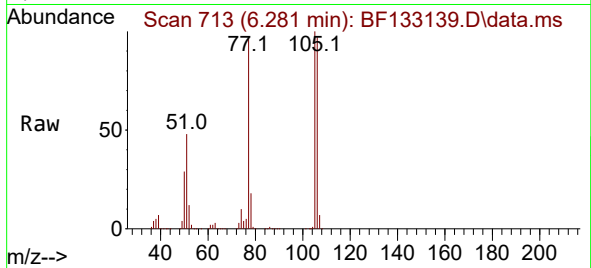




#9
Benzaldehyde
Concen: 86.998 ng
RT: 6.281 min Scan# 716
Delta R.T. 0.000 min
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Acq: 29 Apr 2023 00:33

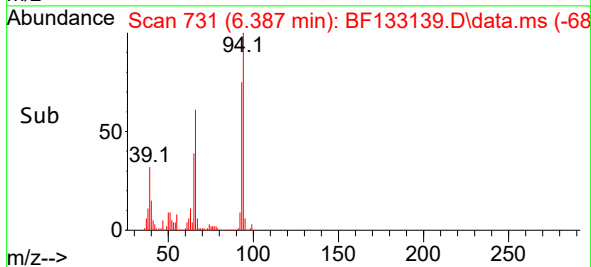
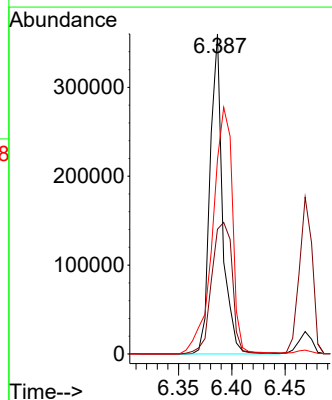
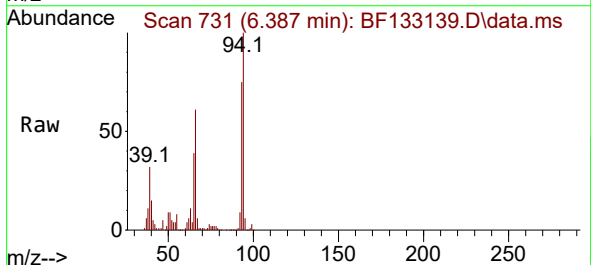
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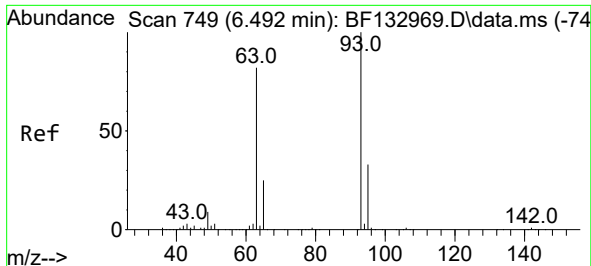
Tgt Ion: 77 Resp: 406842
Ion Ratio Lower Upper
77 100
105 104.2 82.3 122.3
106 100.7 80.8 120.8



#10
Phenol
Concen: 17.711 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

Tgt Ion: 94 Resp: 294772
Ion Ratio Lower Upper
94 100
65 39.0 8.6 48.6
66 60.8 17.3 57.3#

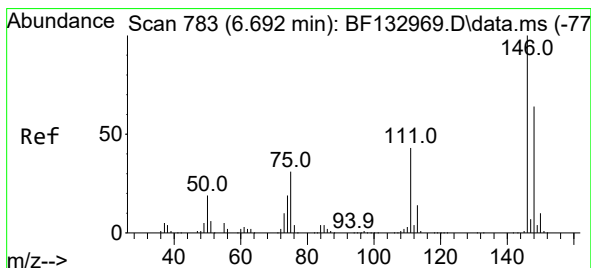
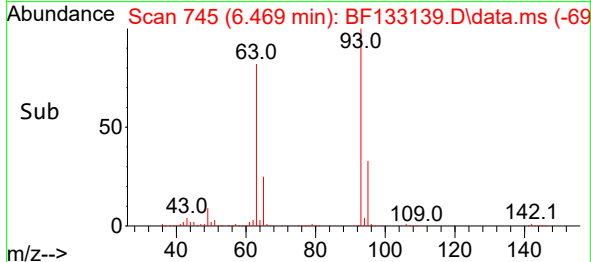
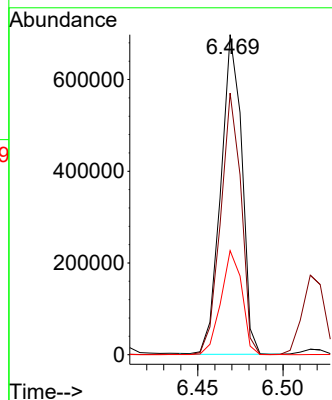
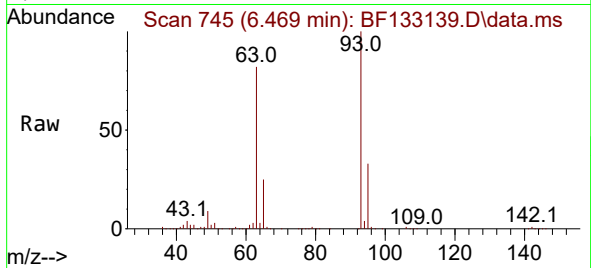




#11
bis(2-Chloroethyl)ether
Concen: 48.050 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

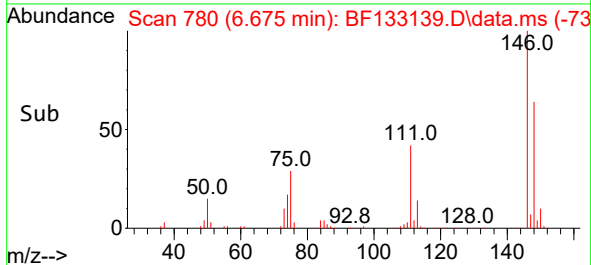
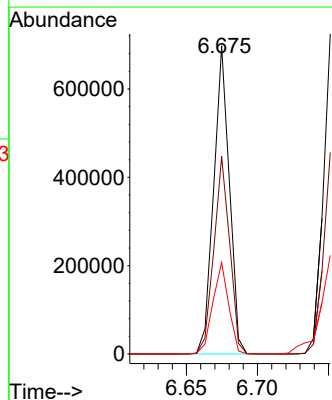
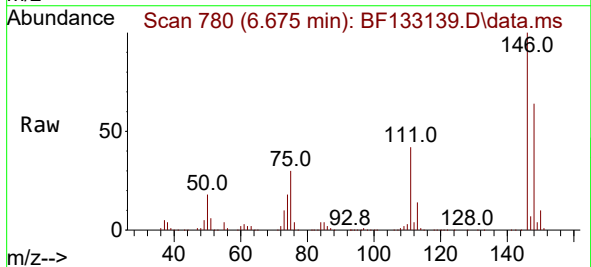
Instrument :
BNA_F
ClientSampleId :
MW-4MSD

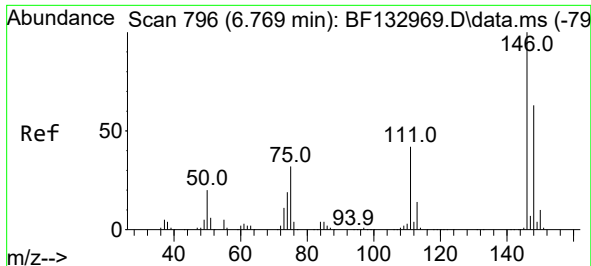
Tgt Ion: 93 Resp: 600098
Ion Ratio Lower Upper
93 100
63 81.8 60.6 100.6
95 32.5 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 40.911 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

Tgt Ion:146 Resp: 536773
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.4
75 29.7 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 41.910 ng

RT: 6.751 min Scan# 796

Delta R.T. -0.006 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

Instrument :

BNA_F

ClientSampleId :

MW-4MSD

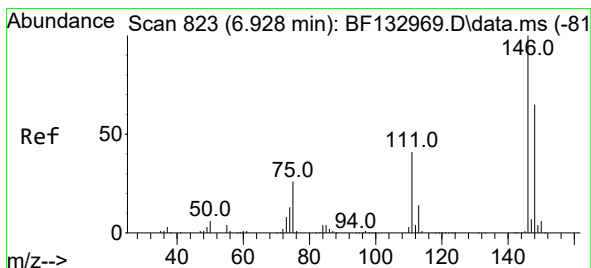
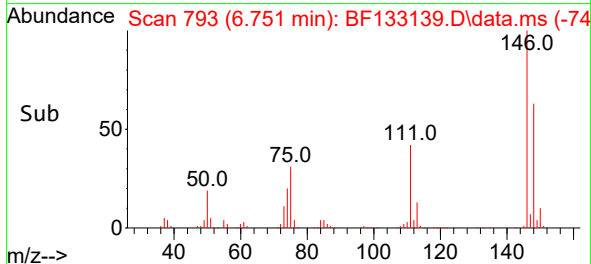
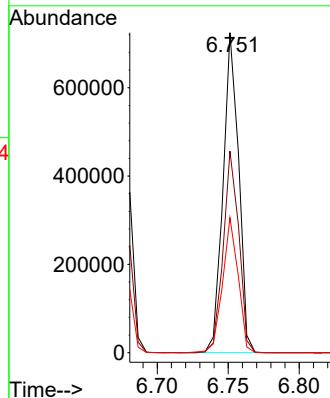
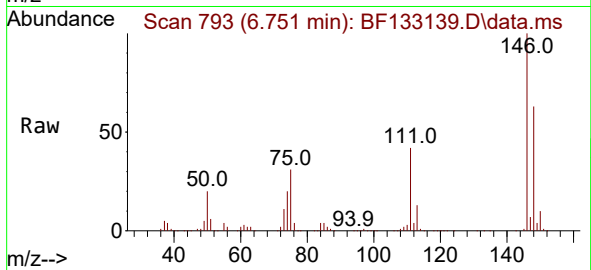
Tgt Ion:146 Resp: 551109

Ion Ratio Lower Upper

146 100

148 63.0 50.3 75.5

111 42.2 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 44.401 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

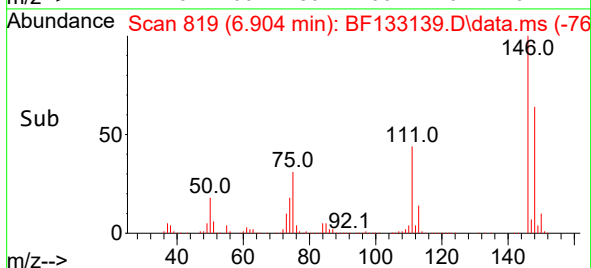
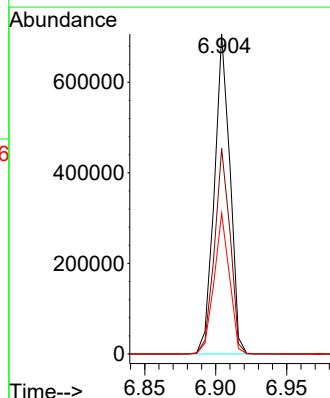
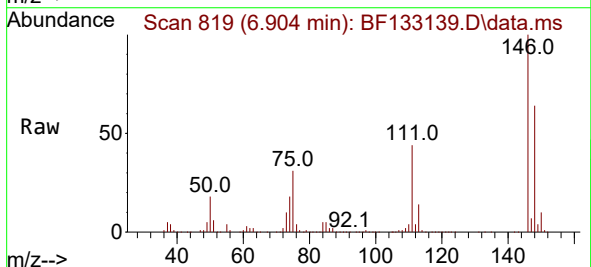
Tgt Ion:146 Resp: 538282

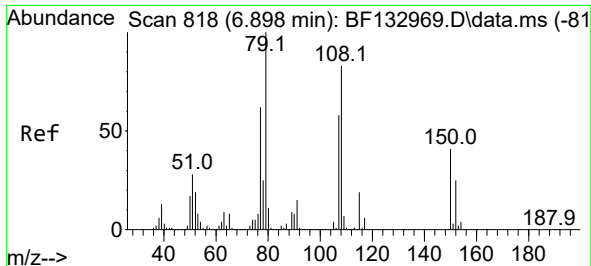
Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

111 44.0 32.8 49.2

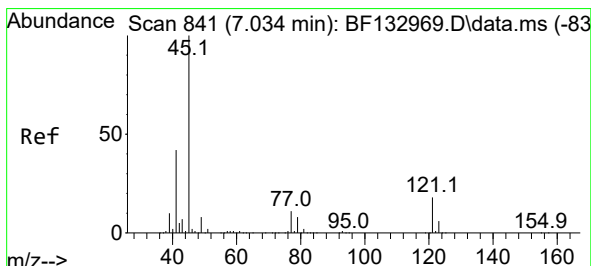
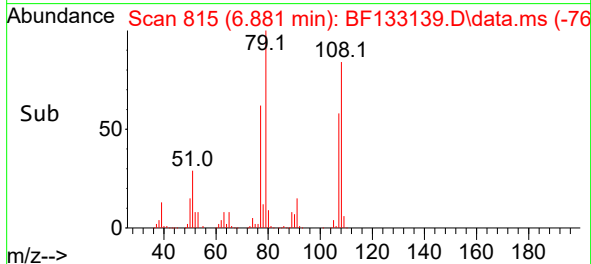
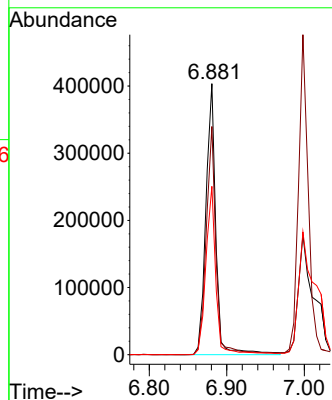
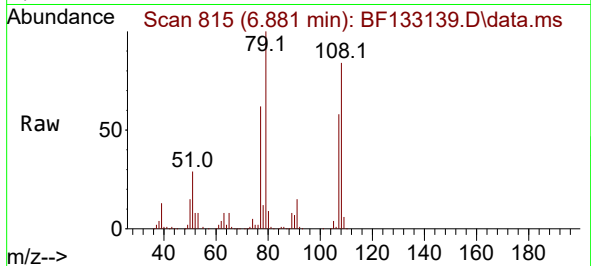




#15
Benzyl Alcohol
Concen: 34.618 ng
RT: 6.881 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

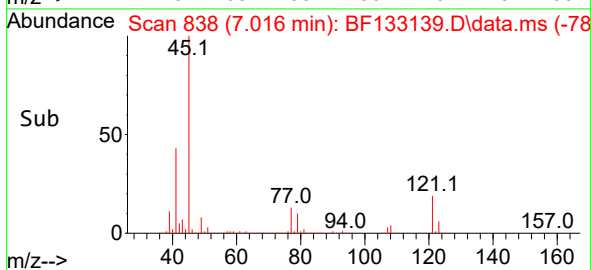
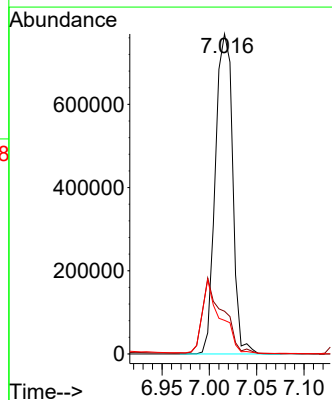
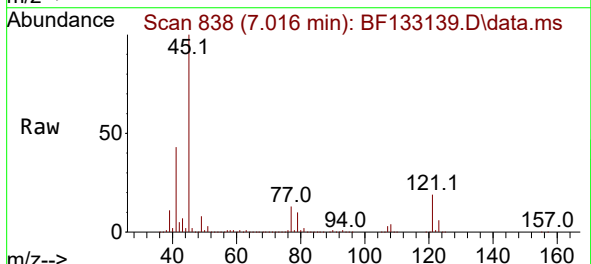
Instrument :
BNA_F
ClientSampleId :
MW-4MSD

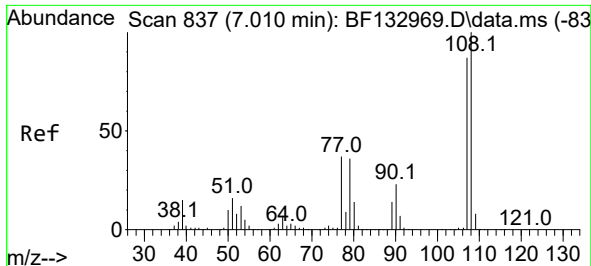
Tgt Ion: 79 Resp: 360761
Ion Ratio Lower Upper
79 100
108 84.2 66.6 99.8
77 62.1 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.065 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

Tgt Ion: 45 Resp: 977551
Ion Ratio Lower Upper
45 100
77 13.4 0.0 31.5
79 10.5 0.0 28.7

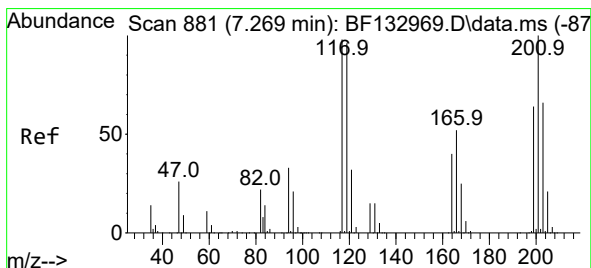
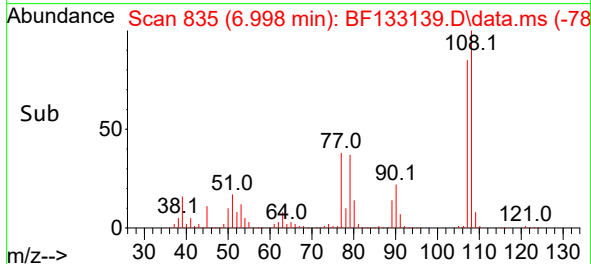
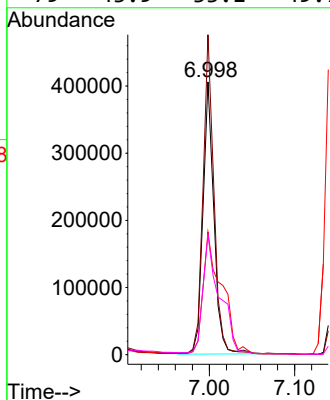
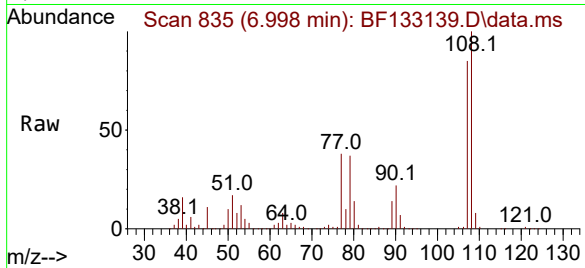




#17
2-Methylphenol
Concen: 32.139 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

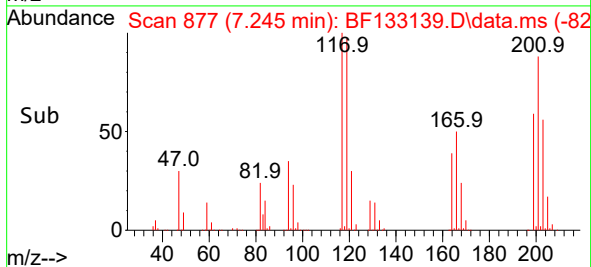
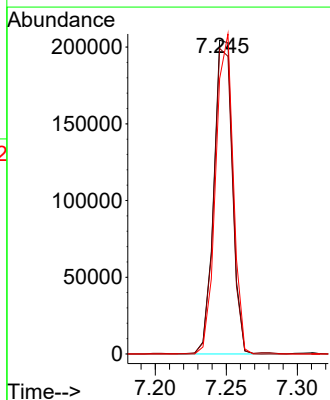
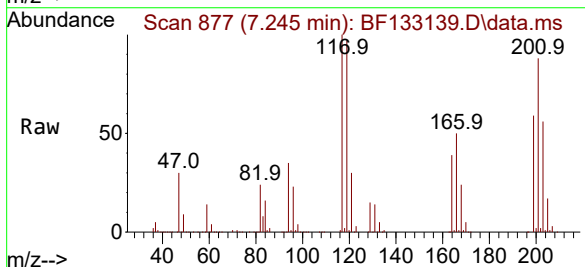
Instrument :
BNA_F
ClientSampleId :
MW-4MSD

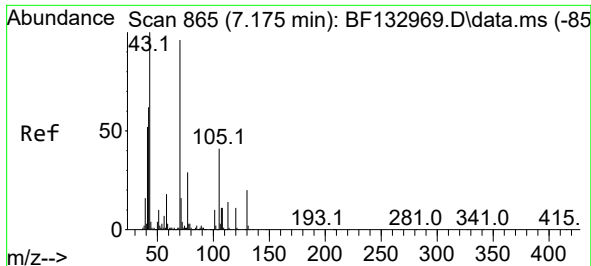
Tgt Ion:107 Resp: 363175
Ion Ratio Lower Upper
107 100
108 117.3 92.4 138.6
77 45.0 33.8 50.8
79 43.9 33.1 49.7



#18
Hexachloroethane
Concen: 41.063 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

Tgt Ion:117 Resp: 187727
Ion Ratio Lower Upper
117 100
119 97.4 78.2 117.4
201 87.8 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 46.920 ng

RT: 7.157 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

Instrument :

BNA_F

ClientSampleId :

MW-4MSD

Tgt Ion: 70 Resp: 440679

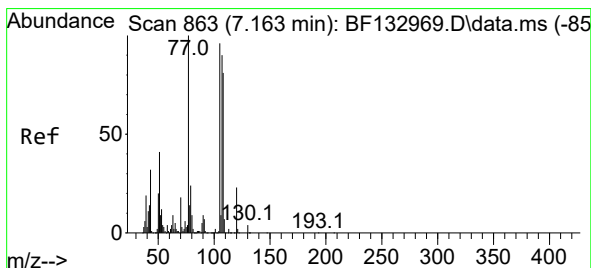
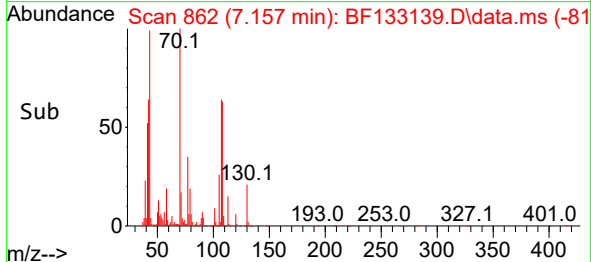
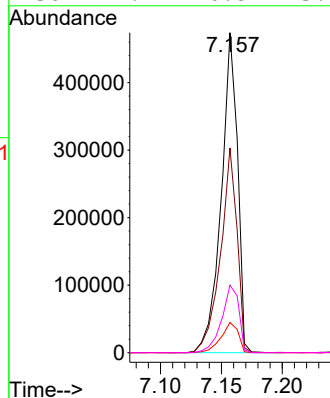
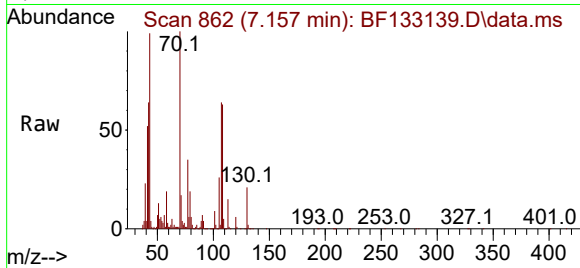
Ion Ratio Lower Upper

70 100

42 64.0 51.8 77.6

101 9.5 8.0 12.0

130 21.1 16.8 25.2



#20

3+4-Methylphenols

Concen: 31.169 ng

RT: 7.151 min Scan# 861

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

Tgt Ion:107 Resp: 414799

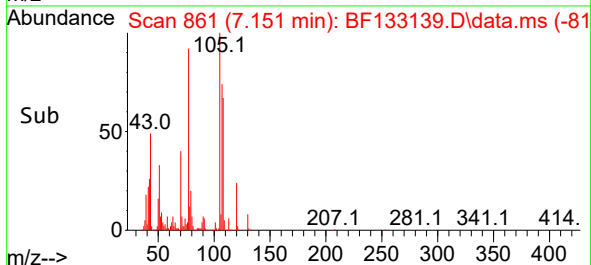
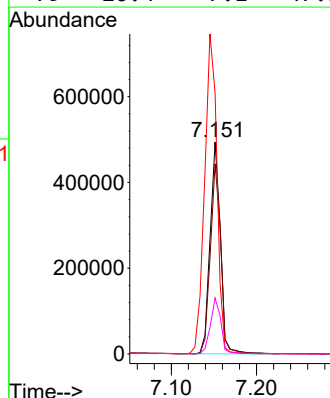
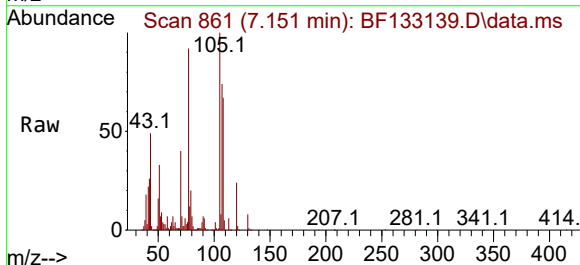
Ion Ratio Lower Upper

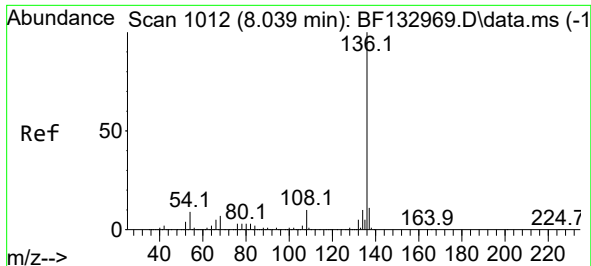
107 100

108 89.7 70.5 110.5

77 123.1 91.7 131.7

79 26.4 7.1 47.1

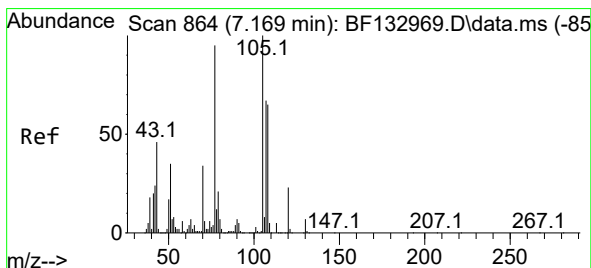
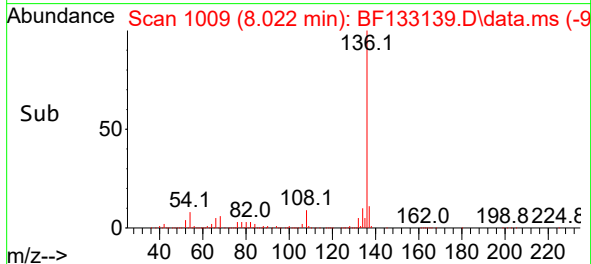
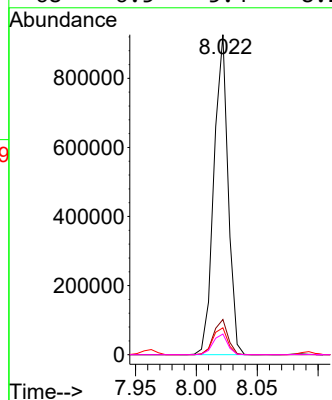
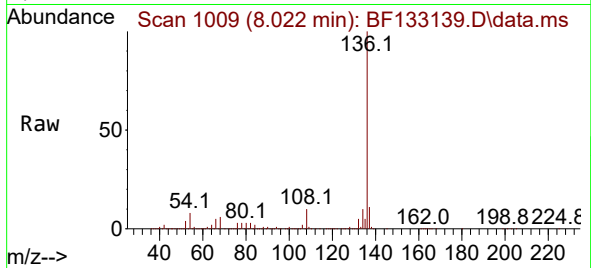




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

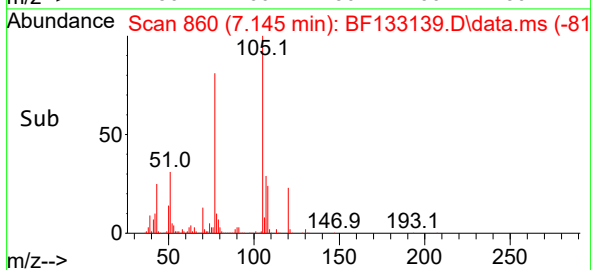
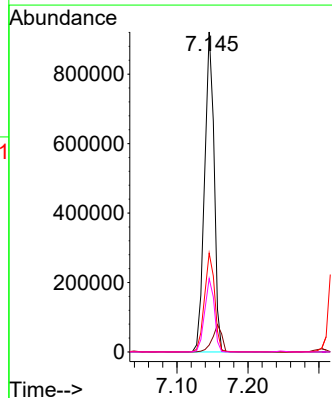
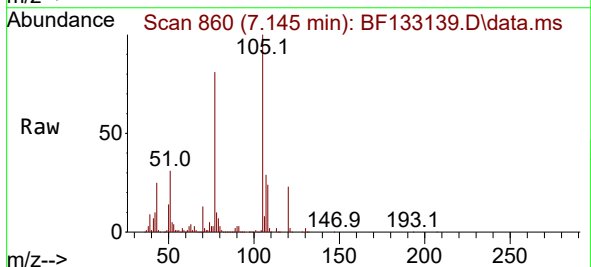
Instrument :
BNA_F
ClientSampleId :
MW-4MSD

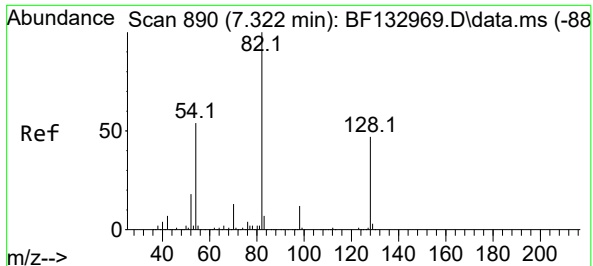
Tgt Ion:136 Resp: 751779
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.4 7.0 10.4
68 6.5 5.4 8.2



#22
Acetophenone
Concen: 49.582 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

Tgt Ion:105 Resp: 863457
Ion Ratio Lower Upper
105 100
71 2.1 4.6 7.0#
51 30.9 28.2 42.2
120 22.9 18.4 27.6





#23

Nitrobenzene-d5

Concen: 91.485 ng

RT: 7.304 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

Instrument :

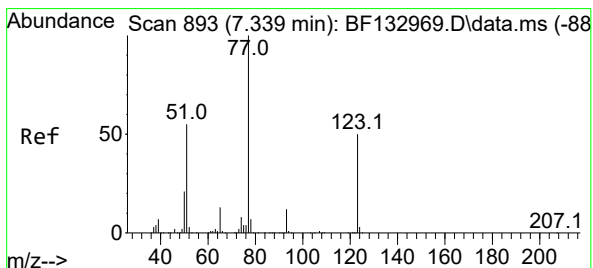
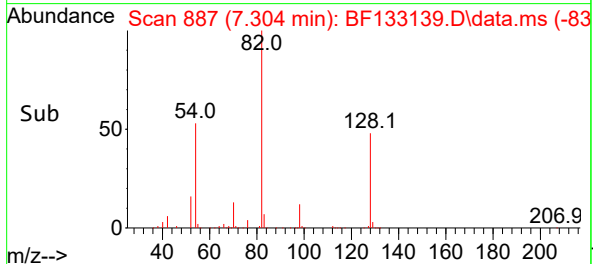
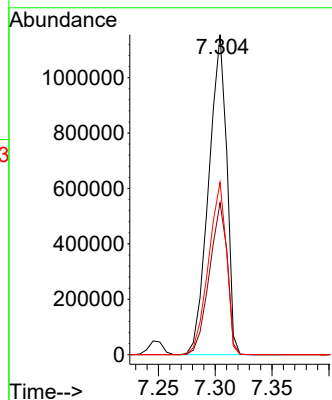
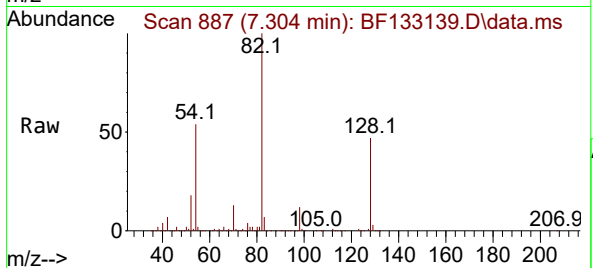
BNA_F

ClientSampleId :

MW-4MSD

Tgt Ion: 82 Resp: 1274184

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.7	56.5
54	53.9	43.0	64.4



#24

Nitrobenzene

Concen: 46.711 ng

RT: 7.322 min Scan# 890

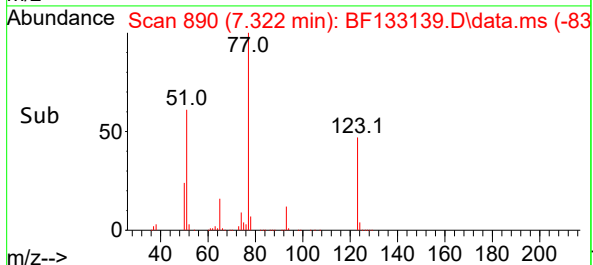
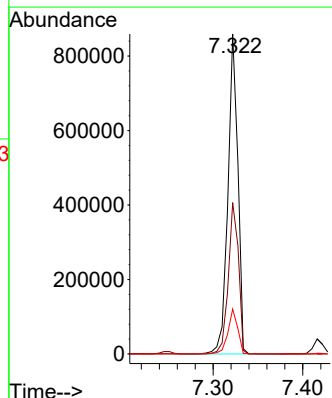
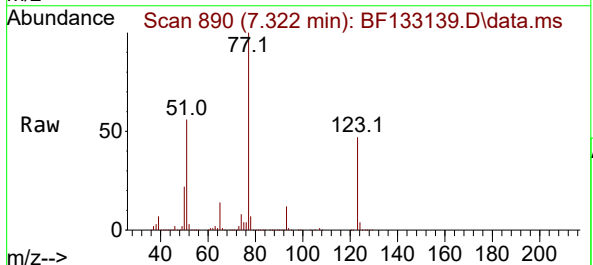
Delta R.T. 0.000 min

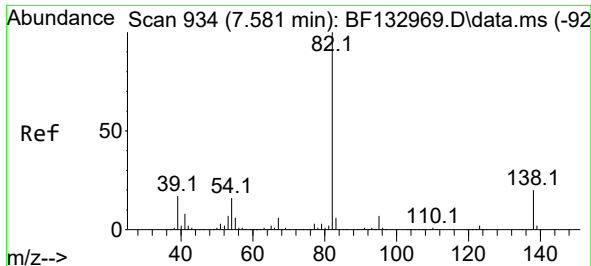
Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

Tgt Ion: 77 Resp: 659254

Ion	Ratio	Lower	Upper
77	100		
123	47.3	39.9	59.9
65	14.0	10.7	16.1

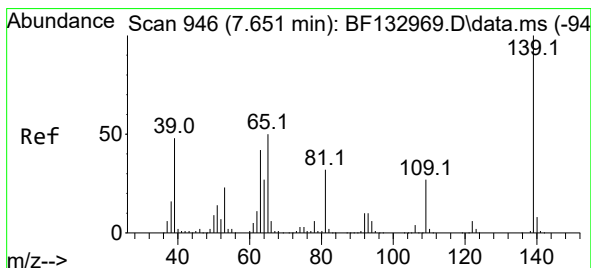
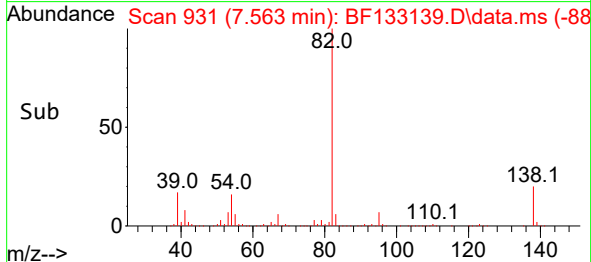
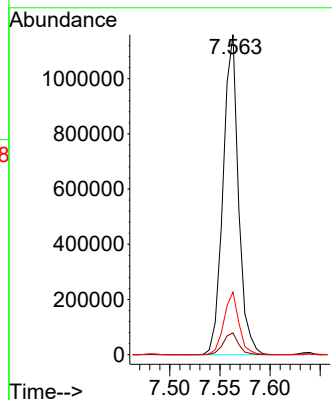
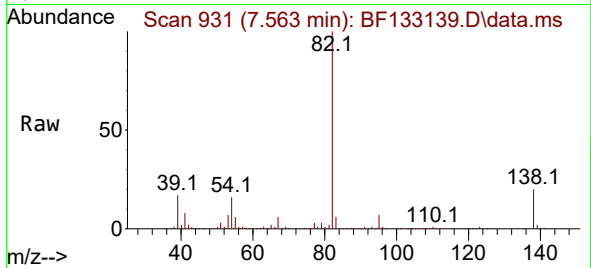




#25
Isophorone
Concen: 46.643 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

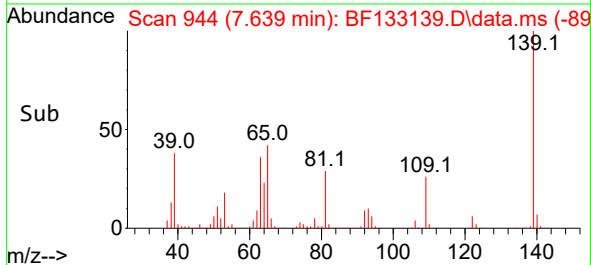
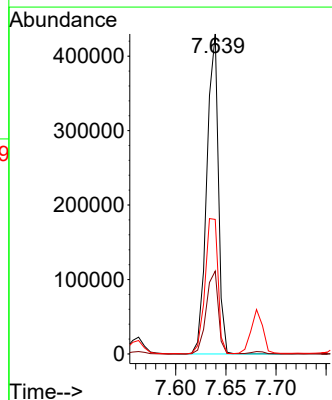
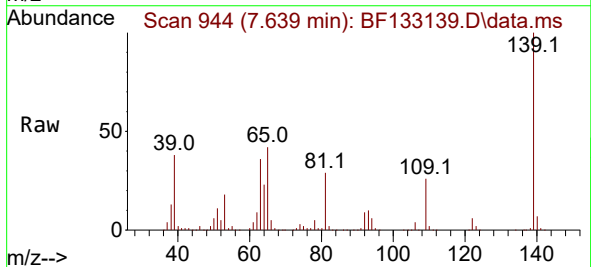
Instrument :
BNA_F
ClientSampleId :
MW-4MSD

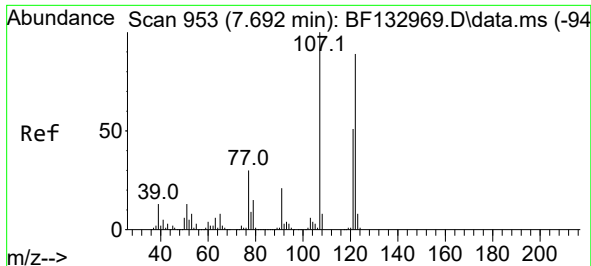
Tgt Ion: 82 Resp: 1233445
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 19.5 16.0 24.0



#26
2-Nitrophenol
Concen: 51.062 ng
RT: 7.639 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

Tgt Ion:139 Resp: 347598
Ion Ratio Lower Upper
139 100
109 25.9 21.6 32.4
65 42.0 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 44.338 ng

RT: 7.681 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

Instrument :

BNA_F

ClientSampleId :

MW-4MSD

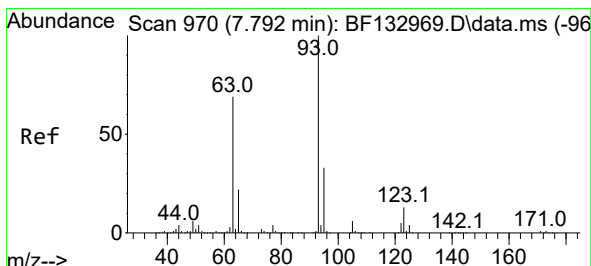
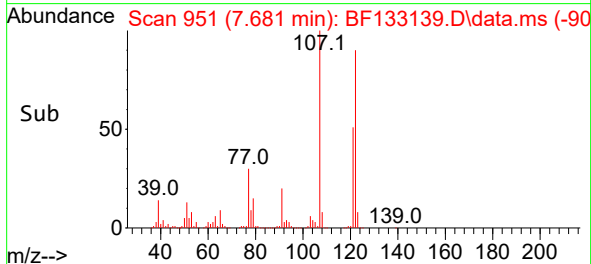
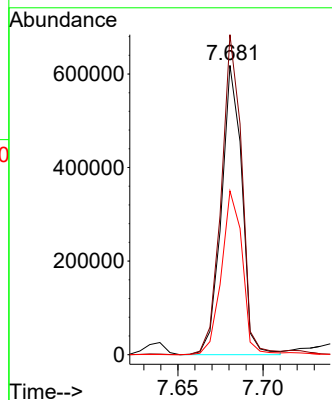
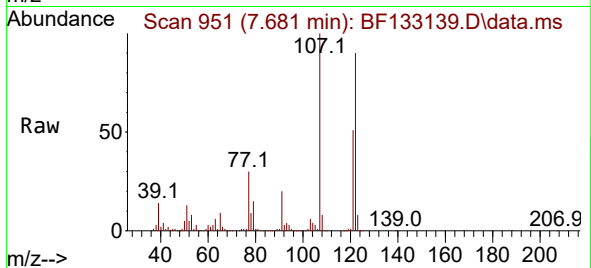
Tgt Ion:122 Resp: 517546

Ion Ratio Lower Upper

122 100

107 110.6 89.7 134.5

121 56.6 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 47.152 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

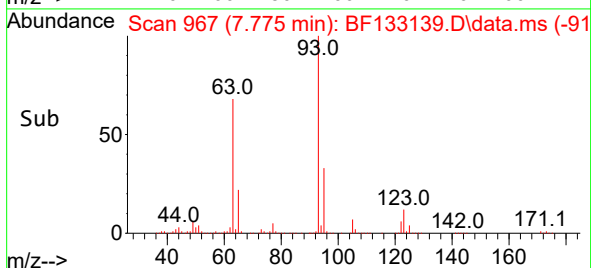
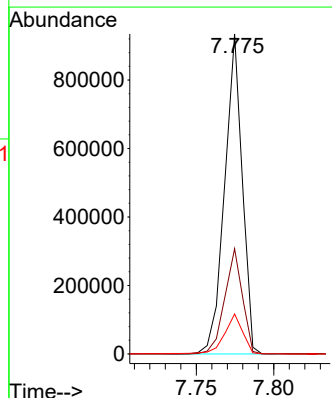
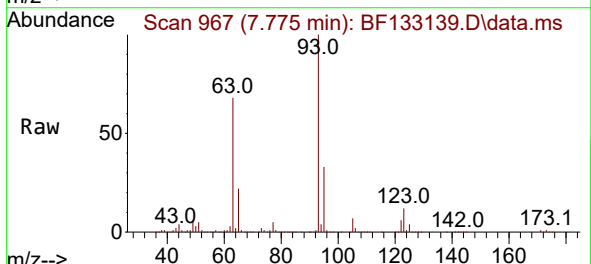
Tgt Ion: 93 Resp: 737652

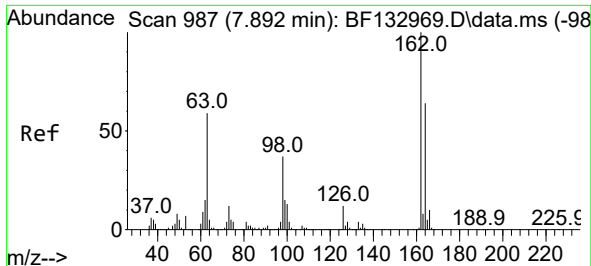
Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

123 12.5 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 46.608 ng

RT: 7.881 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

Instrument :

BNA_F

ClientSampleId :

MW-4MSD

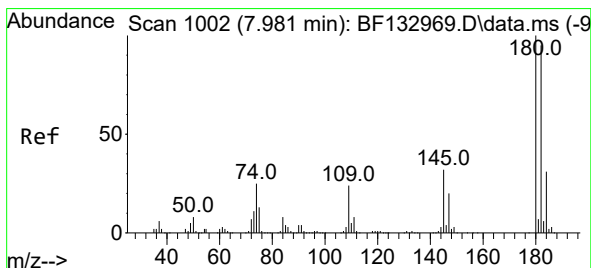
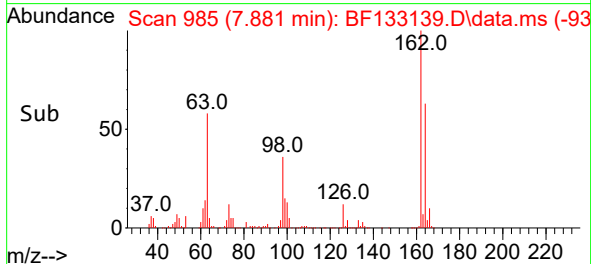
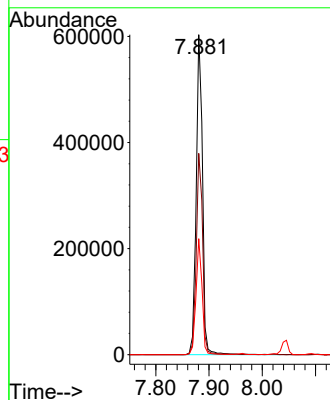
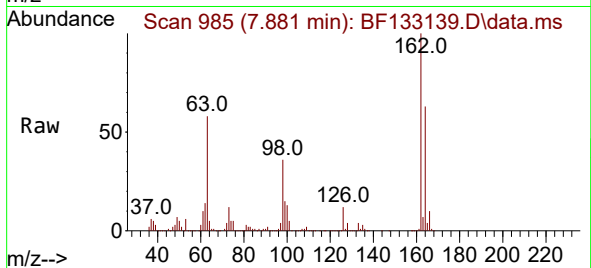
Tgt Ion:162 Resp: 495259

Ion Ratio Lower Upper

162 100

164 62.9 43.9 83.9

98 36.3 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 46.042 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

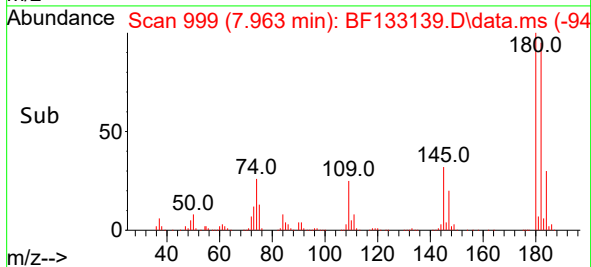
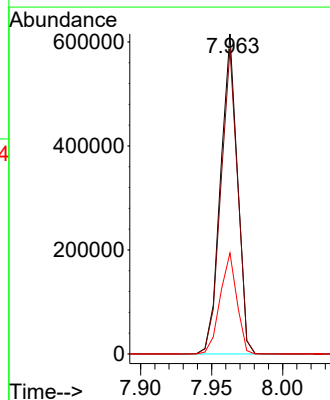
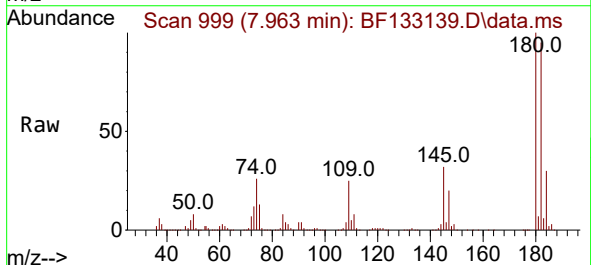
Tgt Ion:180 Resp: 506860

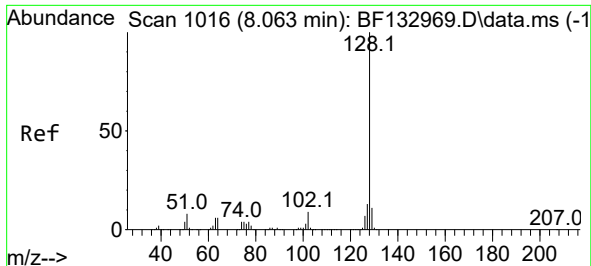
Ion Ratio Lower Upper

180 100

182 95.4 75.9 113.9

145 31.6 25.3 37.9

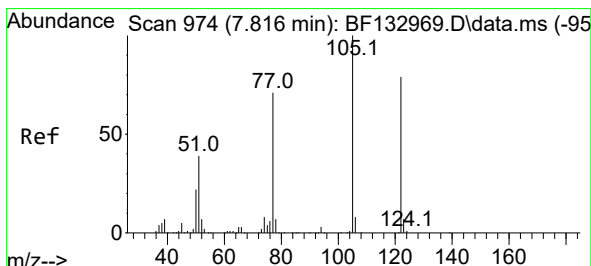
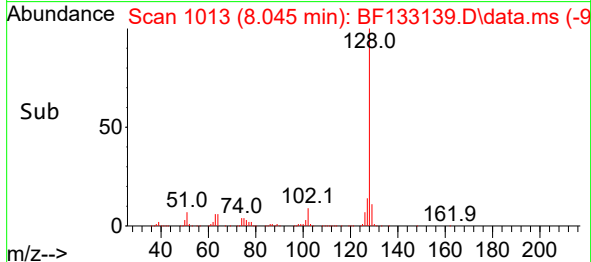
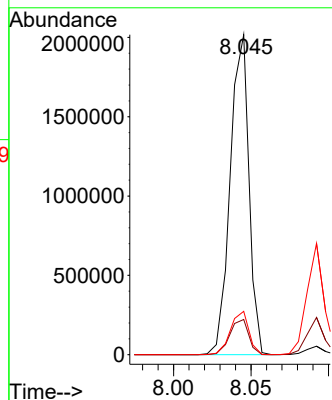
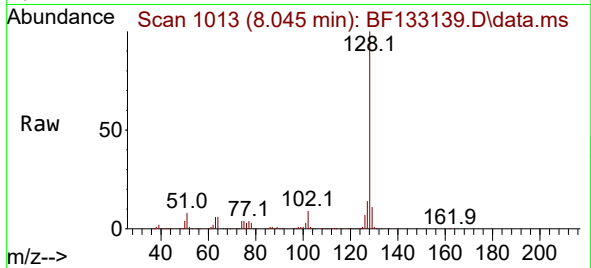




#31
Naphthalene
Concen: 45.121 ng
RT: 8.045 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

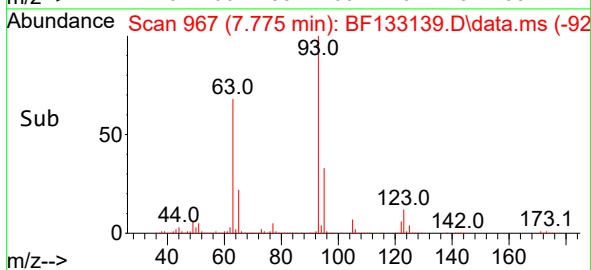
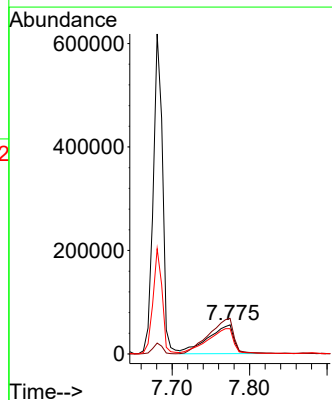
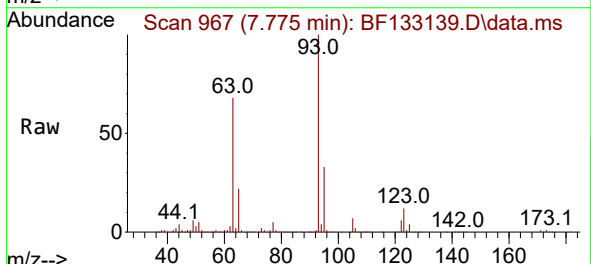
Instrument :
BNA_F
ClientSampleId :
MW-4MSD

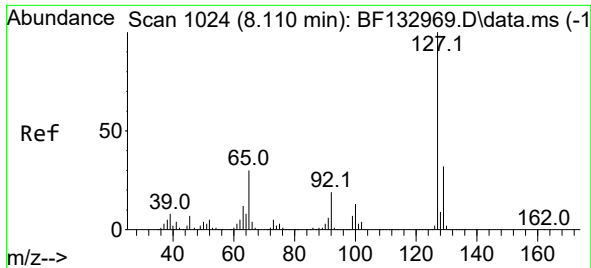
Tgt Ion:128 Resp: 1695936
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 18.315 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.023 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

Tgt Ion:122 Resp: 132056
Ion Ratio Lower Upper
122 100
105 121.9 104.2 144.2
77 86.8 69.7 109.7

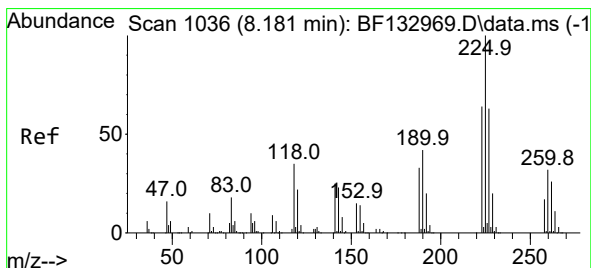
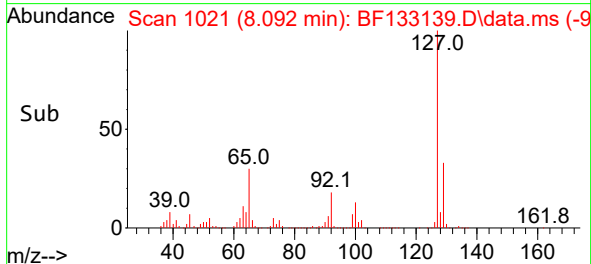
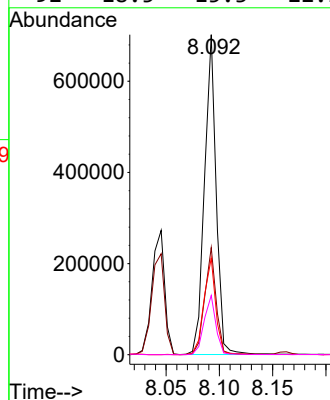
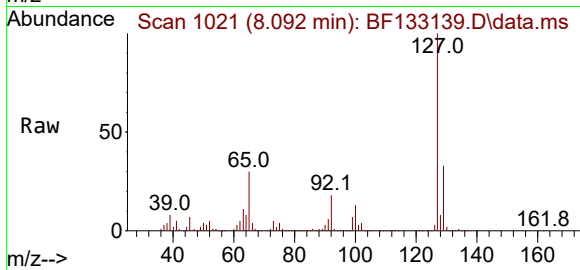




#33
4-Chloroaniline
Concen: 35.379 ng
RT: 8.092 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

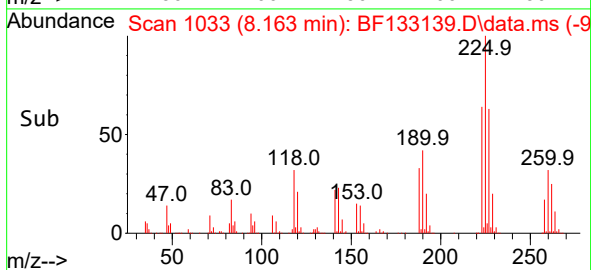
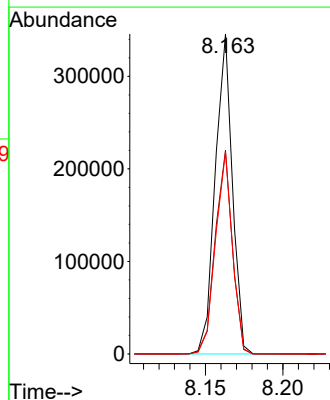
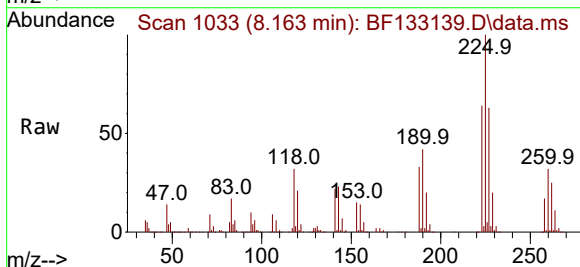
Instrument :
BNA_F
ClientSampleId :
MW-4MSD

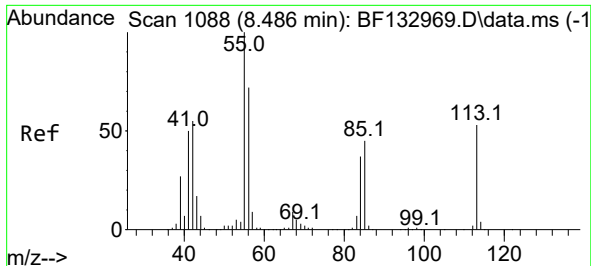
Tgt Ion:	127	Resp:	537289
Ion Ratio	Lower	Upper	
127	100		
129	33.5	25.8	38.8
65	30.2	23.6	35.4
92	18.5	15.3	22.9



#34
Hexachlorobutadiene
Concen: 43.472 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

Tgt Ion:	225	Resp:	265244
Ion Ratio	Lower	Upper	
225	100		
223	63.6	50.9	76.3
227	63.2	50.3	75.5

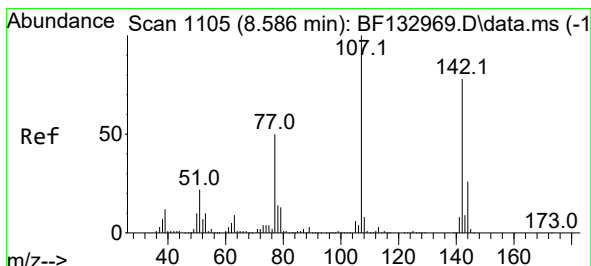
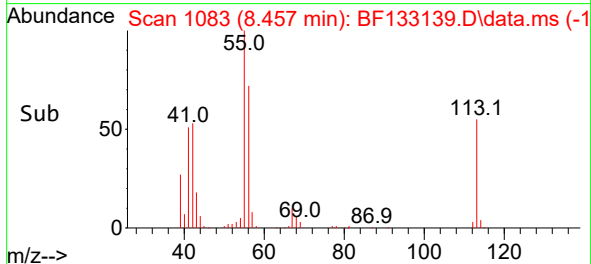
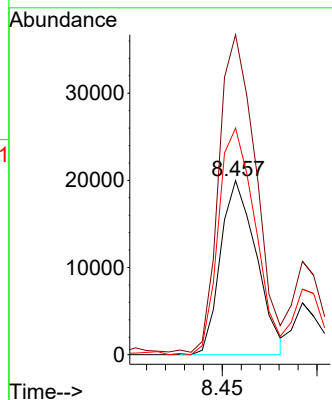
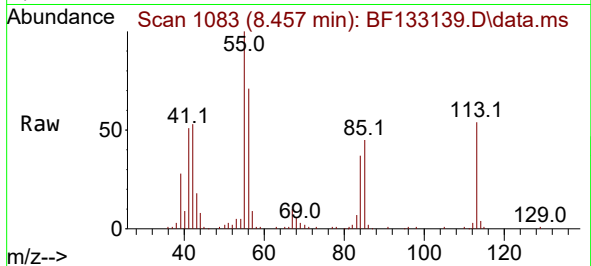




#35
 Caprolactam
 Concen: 7.362 ng
 RT: 8.457 min Scan# 1083
 Delta R.T. -0.006 min
 Lab File: BF133139.D
 Acq: 29 Apr 2023 00:33

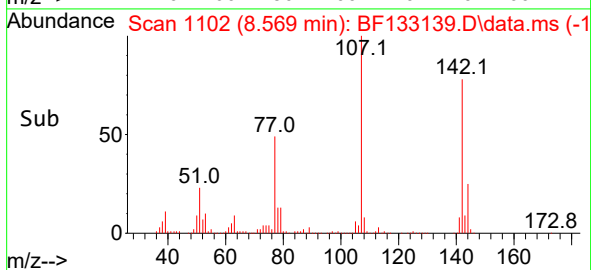
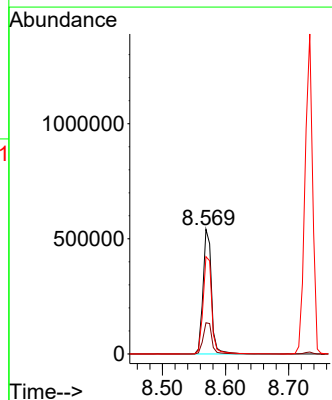
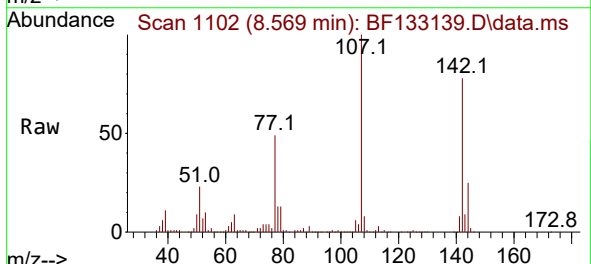
Instrument :
 BNA_F
 ClientSampleId :
 MW-4MSD

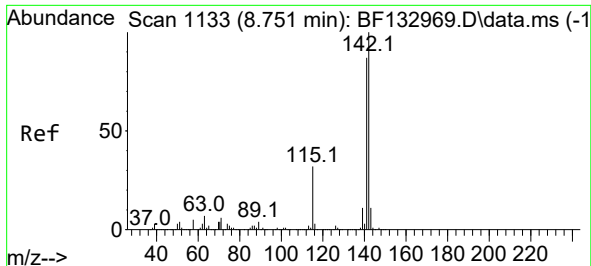
Tgt Ion:113 Resp: 26279
 Ion Ratio Lower Upper
 113 100
 55 183.8 167.1 207.1
 56 130.1 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 43.837 ng
 RT: 8.569 min Scan# 1102
 Delta R.T. -0.006 min
 Lab File: BF133139.D
 Acq: 29 Apr 2023 00:33

Tgt Ion:107 Resp: 502320
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.6 30.8
 142 78.0 62.8 94.2

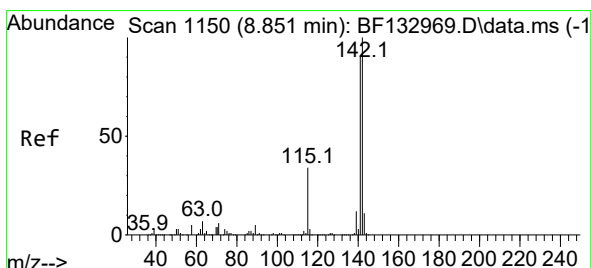
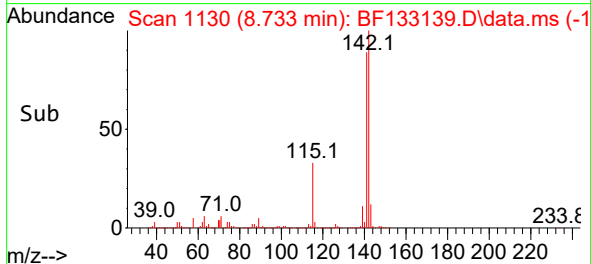
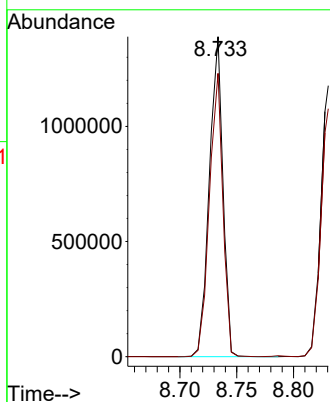
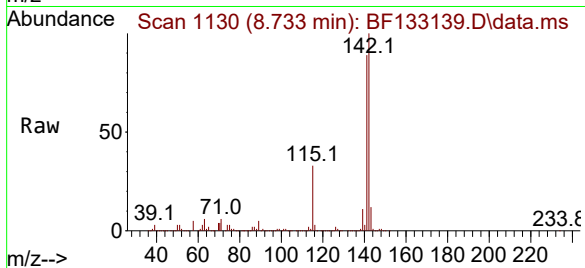




#37
2-Methylnaphthalene
Concen: 44.805 ng
RT: 8.733 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

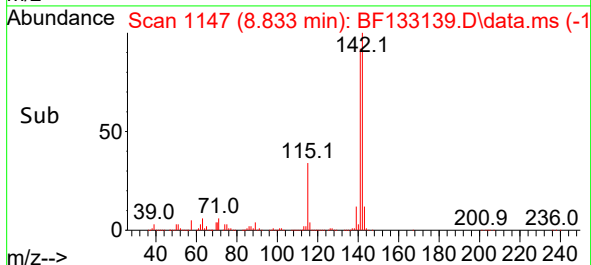
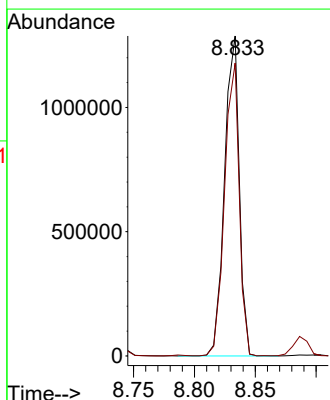
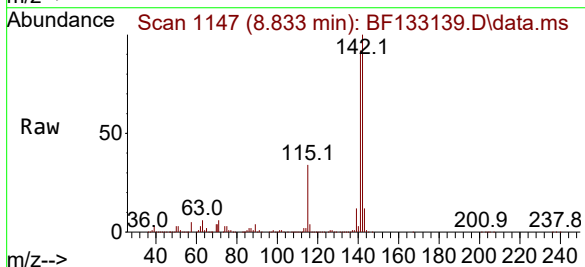
Instrument :
BNA_F
ClientSampleId :
MW-4MSD

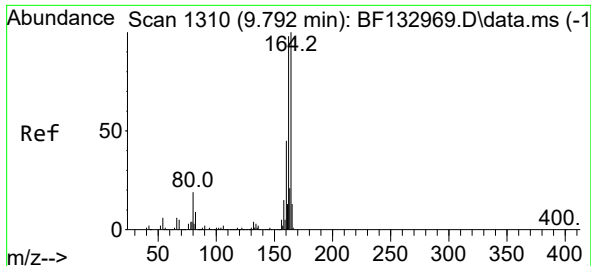
Tgt Ion:142 Resp: 1151365
Ion Ratio Lower Upper
142 100
141 88.5 69.4 104.0



#38
1-Methylnaphthalene
Concen: 45.010 ng
RT: 8.833 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

Tgt Ion:142 Resp: 1082012
Ion Ratio Lower Upper
142 100
141 91.5 73.1 109.7

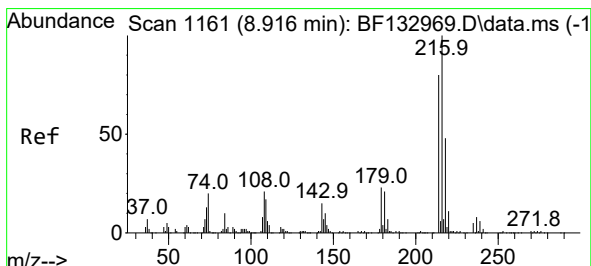
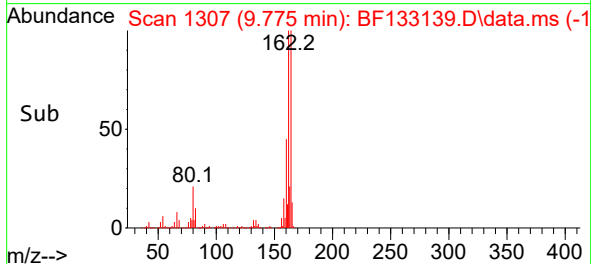
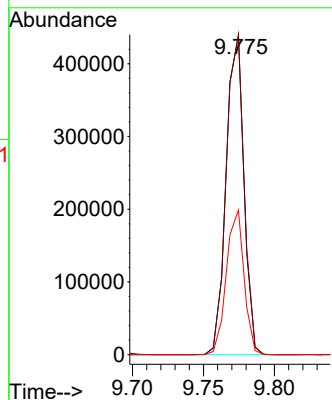
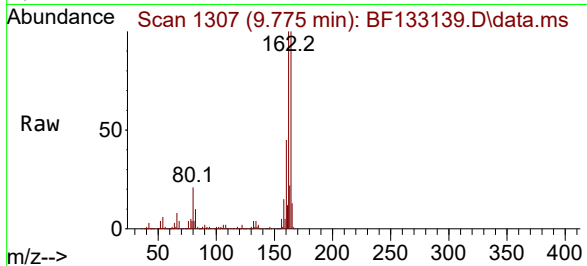




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

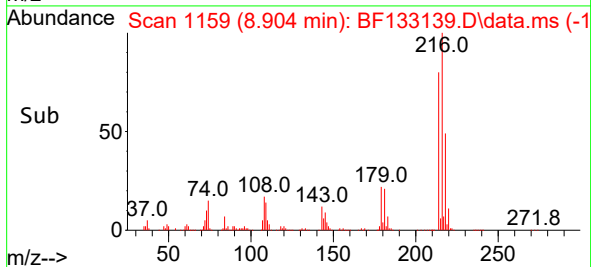
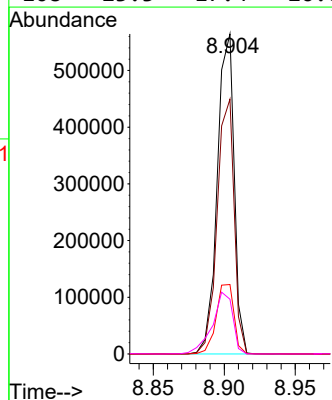
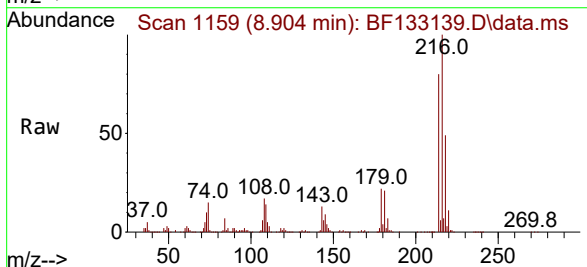
Instrument :
BNA_F
ClientSampleId :
MW-4MSD

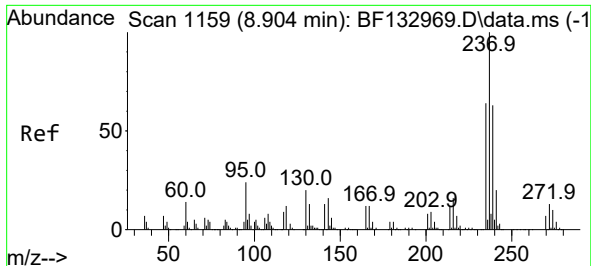
Tgt Ion:164 Resp: 381525
Ion Ratio Lower Upper
164 100
162 99.7 78.7 118.1
160 45.2 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.528 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

Tgt Ion:216 Resp: 467036
Ion Ratio Lower Upper
216 100
214 80.0 63.5 95.3
179 22.9 17.4 26.2
108 23.3 17.4 26.0

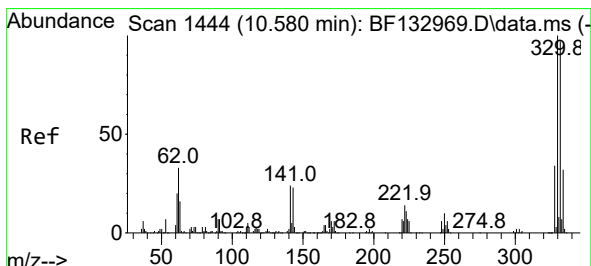
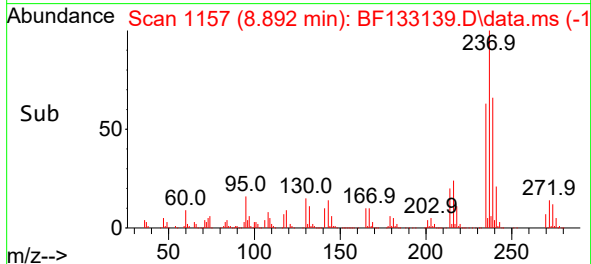
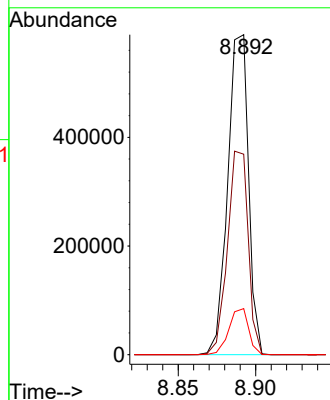
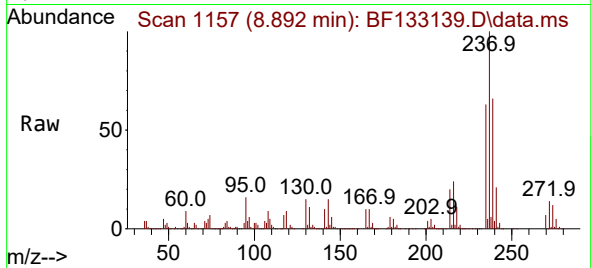




#41
Hexachlorocyclopentadiene
Concen: 91.849 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

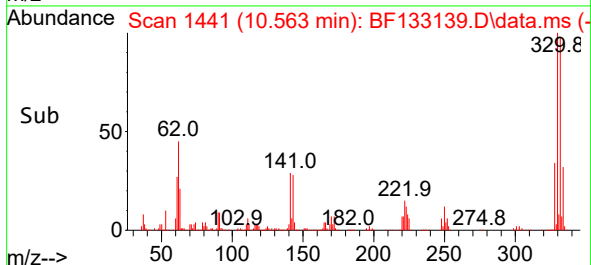
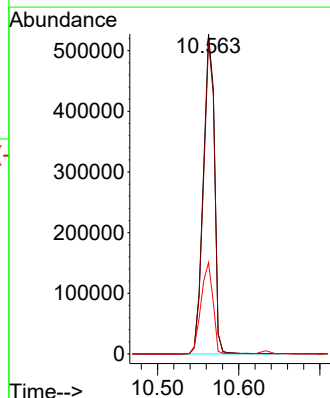
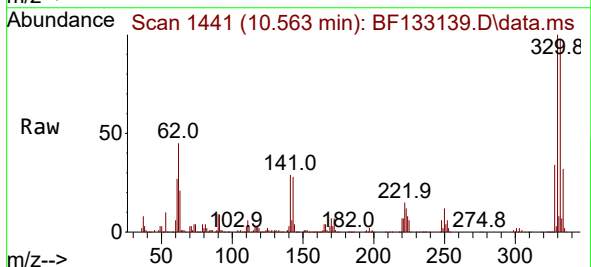
Instrument :
BNA_F
ClientSampleId :
MW-4MSD

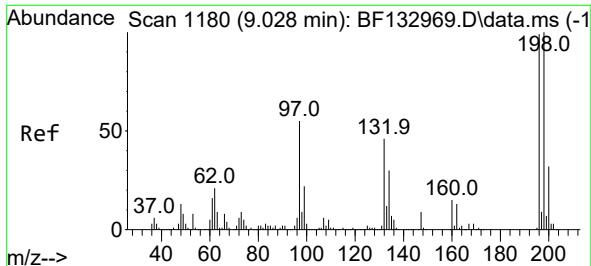
Tgt Ion:237 Resp: 549494
Ion Ratio Lower Upper
237 100
235 62.6 43.5 83.5
272 14.4 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 131.615 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

Tgt Ion:330 Resp: 505003
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 30.4 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 47.926 ng

RT: 9.010 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

Instrument :

BNA_F

ClientSampleId :

MW-4MSD

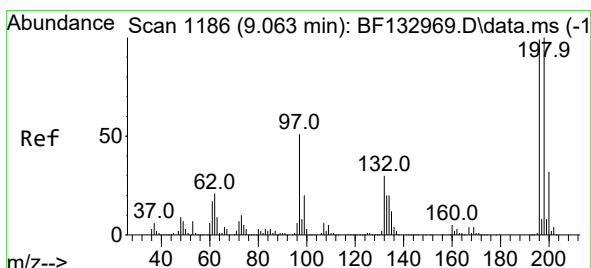
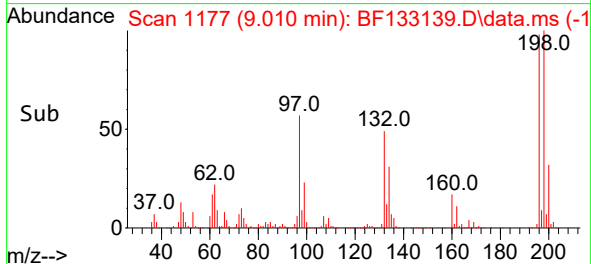
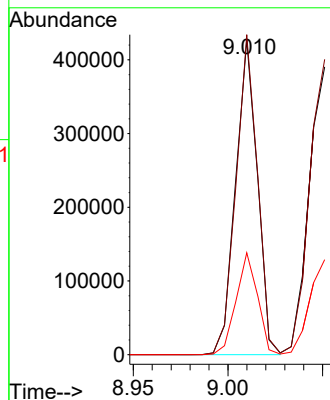
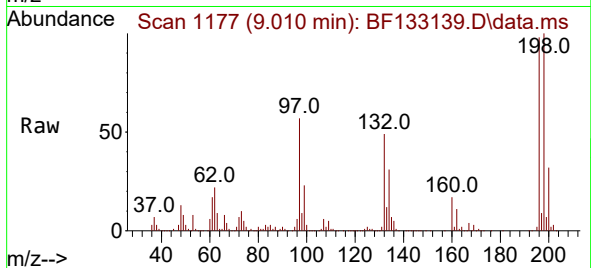
Tgt Ion:196 Resp: 339998

Ion Ratio Lower Upper

196 100

198 101.7 81.0 121.6

200 32.4 26.1 39.1



#44

2,4,5-Trichlorophenol

Concen: 44.627 ng

RT: 9.051 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

Tgt Ion:196 Resp: 366145

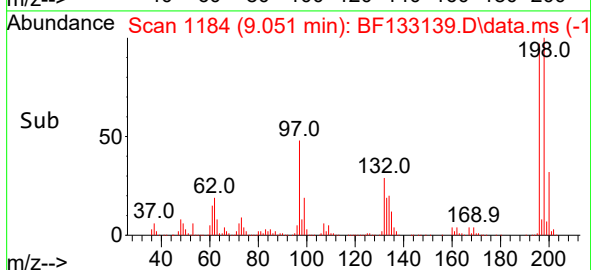
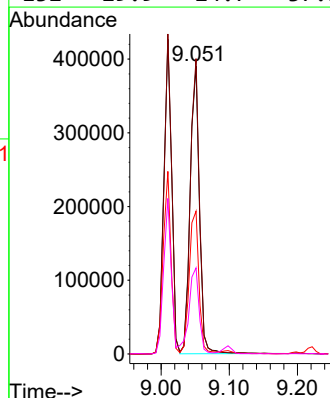
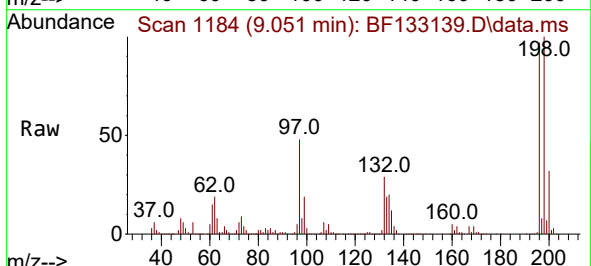
Ion Ratio Lower Upper

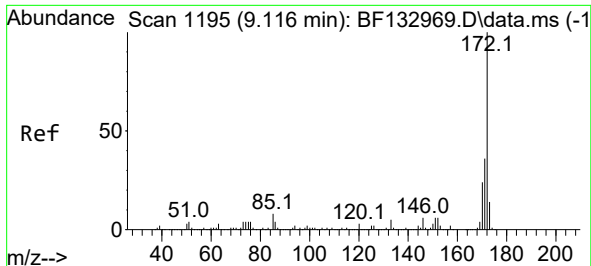
196 100

198 102.6 80.9 121.3

97 49.6 41.3 61.9

132 29.9 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 88.954 ng

RT: 9.098 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

Instrument :

BNA_F

ClientSampleId :

MW-4MSD

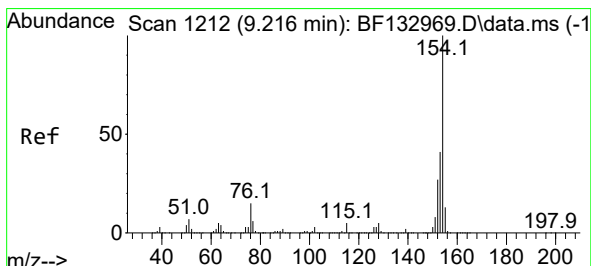
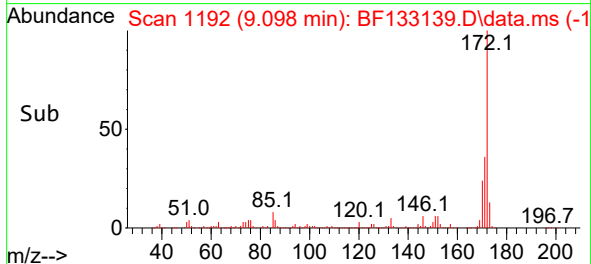
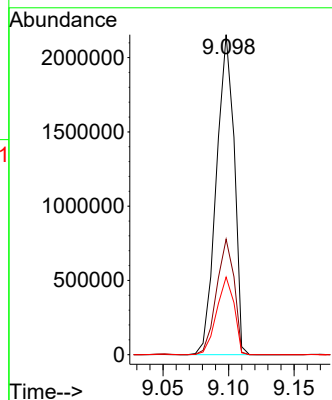
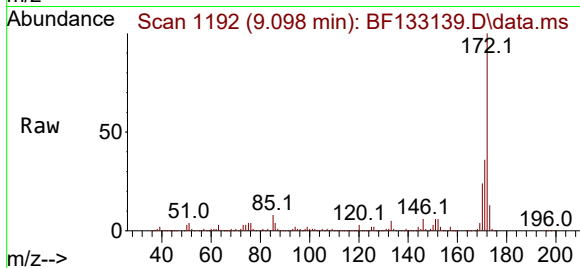
Tgt Ion:172 Resp: 2028576

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.3 19.4 29.2



#46

1,1'-Biphenyl

Concen: 46.377 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

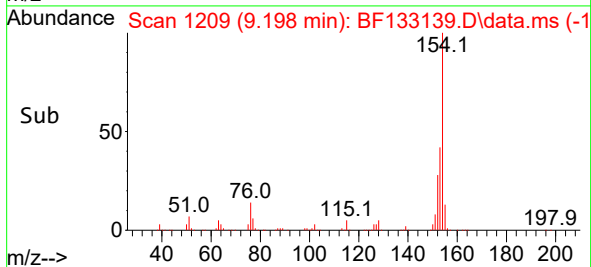
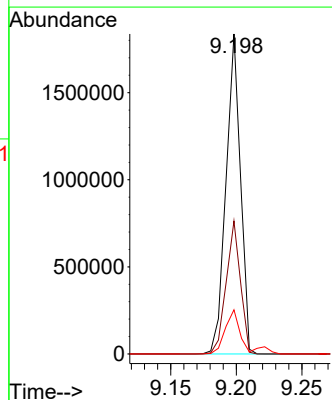
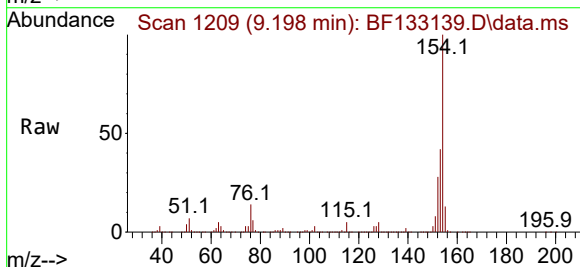
Tgt Ion:154 Resp: 1403063

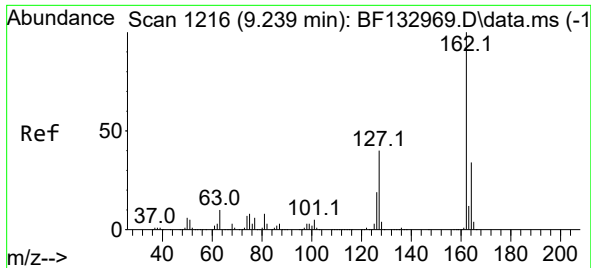
Ion Ratio Lower Upper

154 100

153 41.6 21.0 61.0

76 13.8 0.0 34.5





#47

2-Chloronaphthalene

Concen: 47.849 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

Instrument :

BNA_F

ClientSampleId :

MW-4MSD

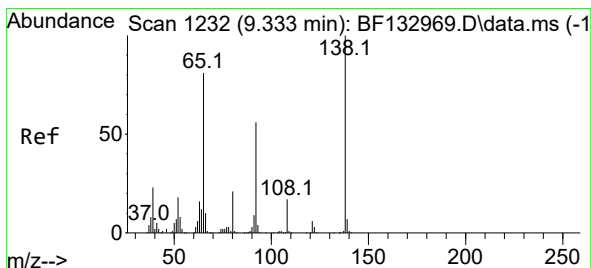
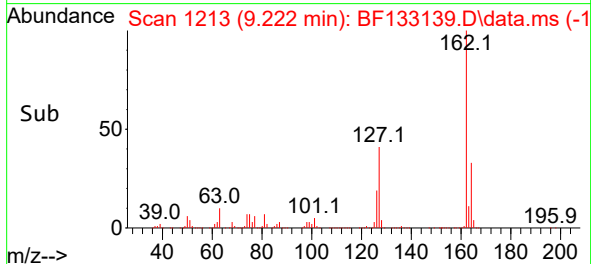
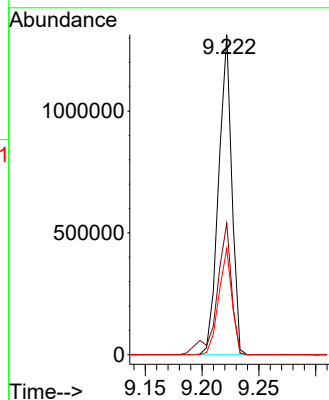
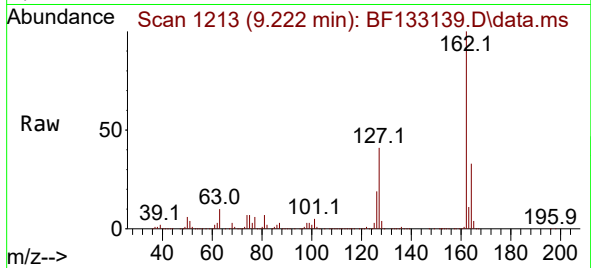
Tgt Ion:162 Resp: 1059529

Ion Ratio Lower Upper

162 100

127 41.1 32.3 48.5

164 33.2 26.8 40.2



#48

2-Nitroaniline

Concen: 50.410 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

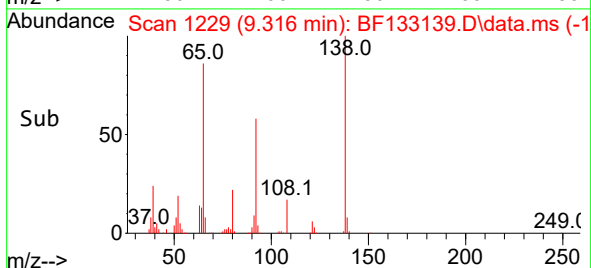
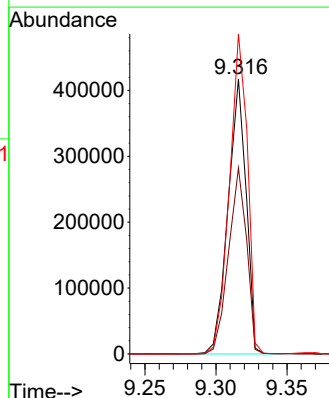
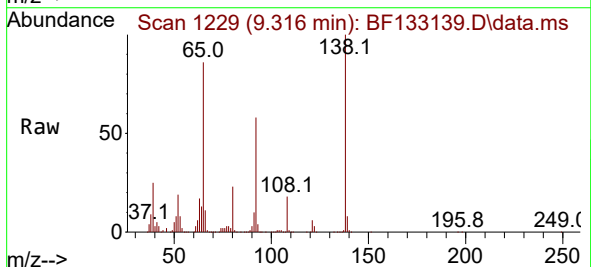
Tgt Ion: 65 Resp: 368914

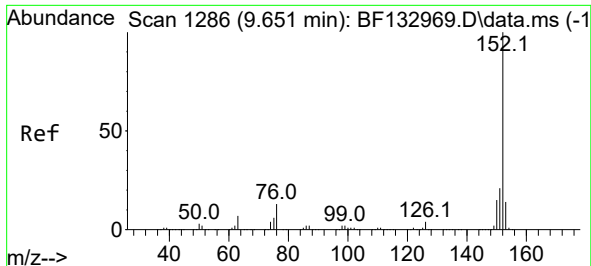
Ion Ratio Lower Upper

65 100

92 67.6 55.4 83.0

138 116.3 98.2 147.2

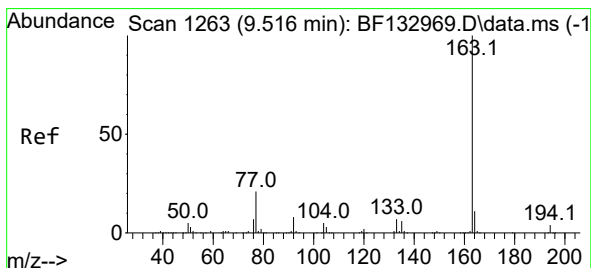
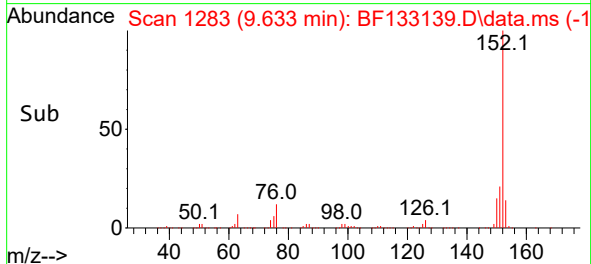
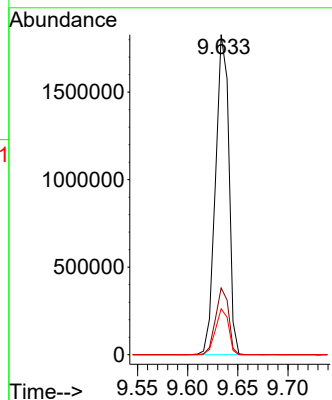
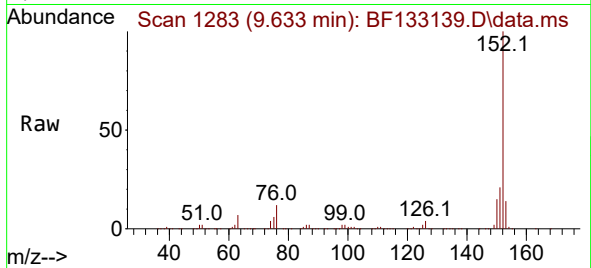




#49
Acenaphthylene
Concen: 47.810 ng
RT: 9.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

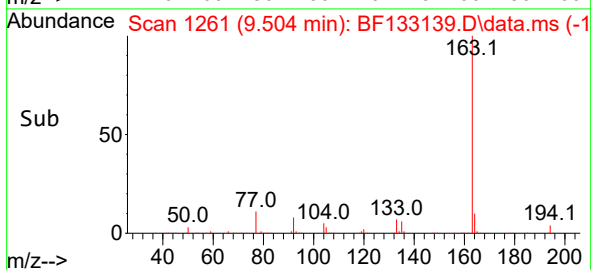
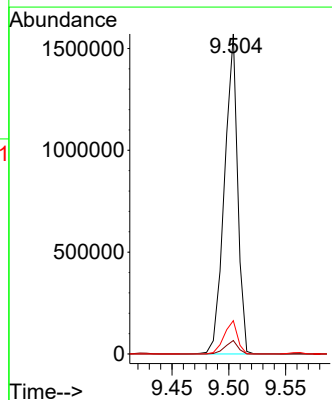
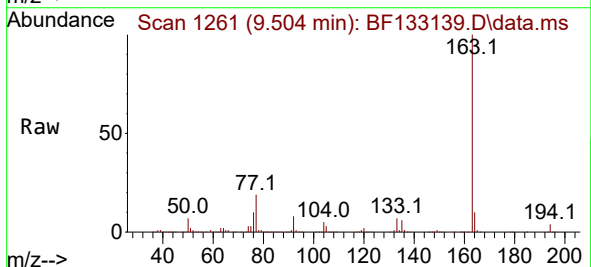
Instrument :
BNA_F
ClientSampleId :
MW-4MSD

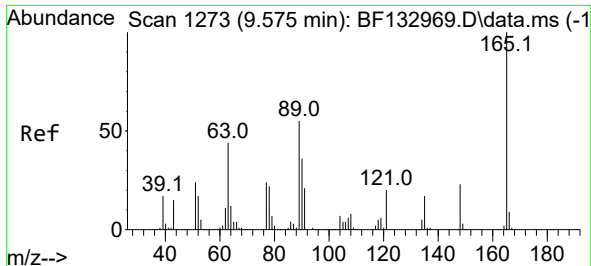
Tgt Ion:152 Resp: 1691601
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8
153 14.3 11.5 17.3



#50
Dimethylphthalate
Concen: 47.872 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.006 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

Tgt Ion:163 Resp: 1273529
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.4 8.5 12.7

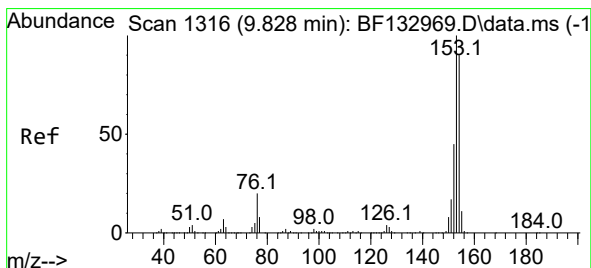
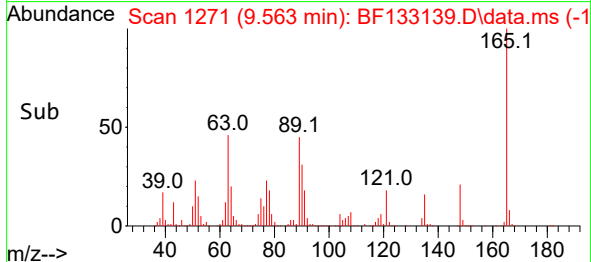
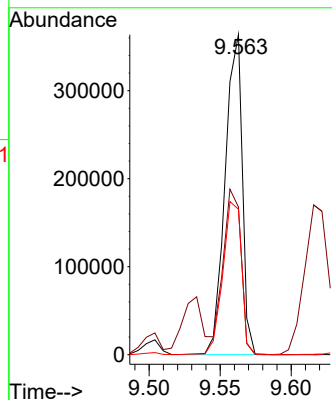
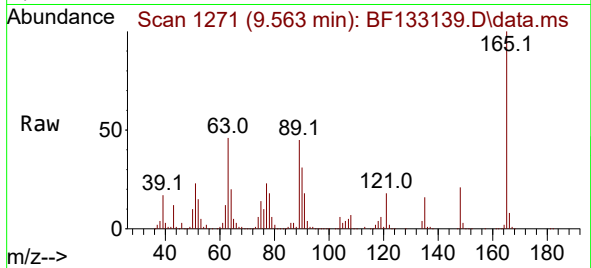




#51
2,6-Dinitrotoluene
Concen: 50.938 ng
RT: 9.563 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

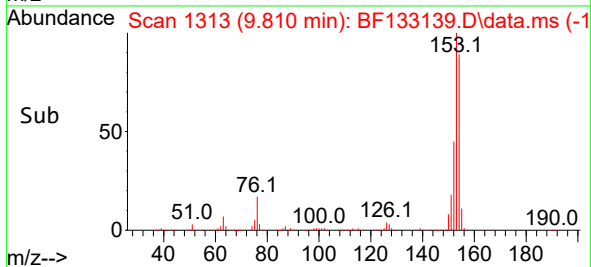
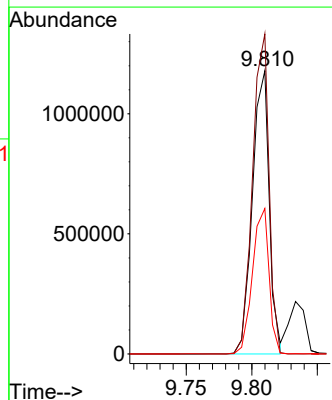
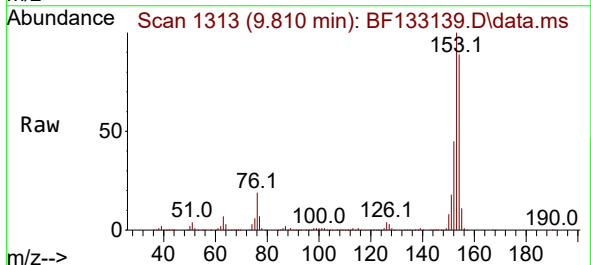
Instrument :
BNA_F
ClientSampleId :
MW-4MSD

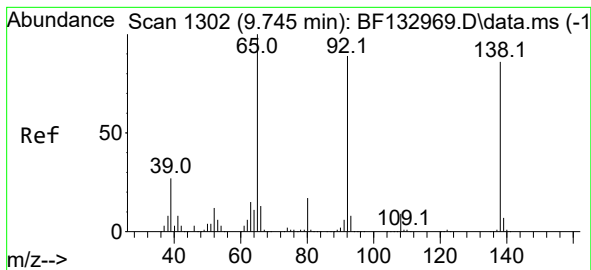
Tgt Ion:165 Resp: 304997
Ion Ratio Lower Upper
165 100
63 46.1 45.9 68.9
89 45.4 44.0 66.0



#52
Acenaphthene
Concen: 44.307 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

Tgt Ion:154 Resp: 1049954
Ion Ratio Lower Upper
154 100
153 113.0 89.0 133.6
152 51.4 40.4 60.6





#53

3-Nitroaniline

Concen: 40.448 ng

RT: 9.728 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

Instrument :

BNA_F

ClientSampleId :

MW-4MSD

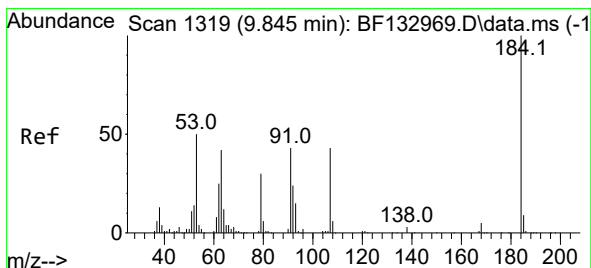
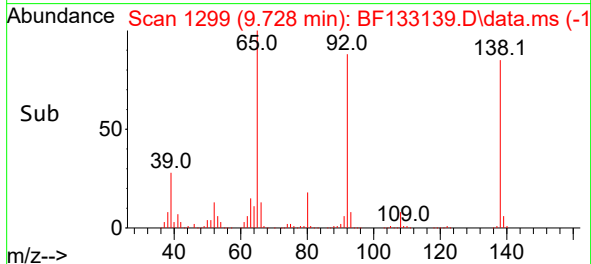
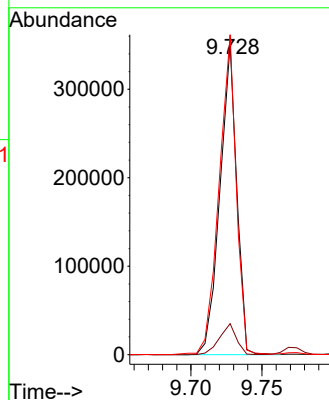
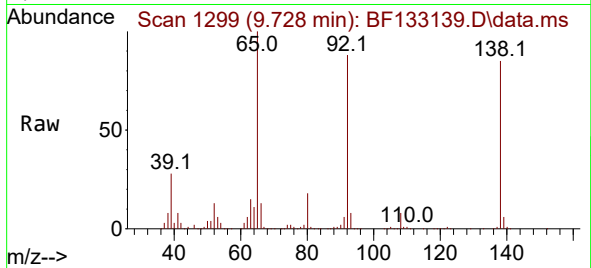
Tgt Ion:138 Resp: 287966

Ion Ratio Lower Upper

138 100

108 10.0 8.0 12.0

92 102.9 83.6 125.4



#54

2,4-Dinitrophenol

Concen: 113.971 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.006 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

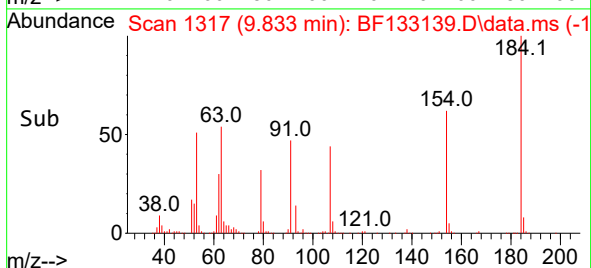
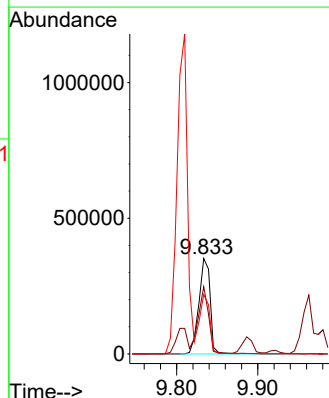
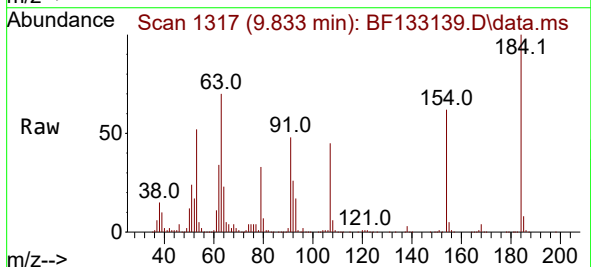
Tgt Ion:184 Resp: 343016

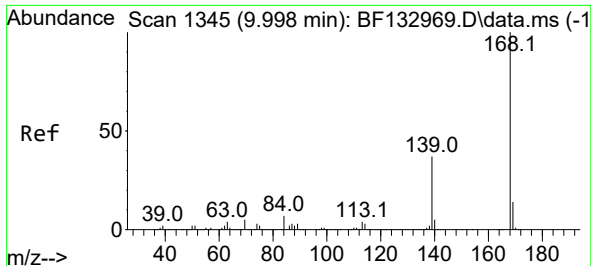
Ion Ratio Lower Upper

184 100

63 70.5 49.8 74.8

154 62.2 49.5 74.3





#55

Dibenzofuran

Concen: 47.023 ng

RT: 9.980 min Scan# 1342

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

Instrument :

BNA_F

ClientSampleId :

MW-4MSD

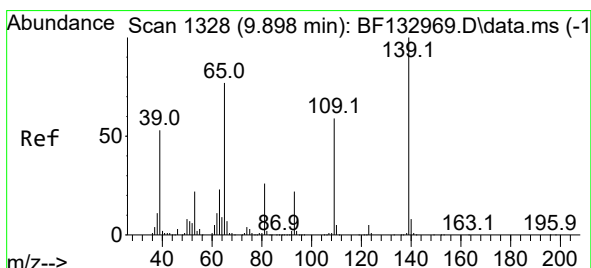
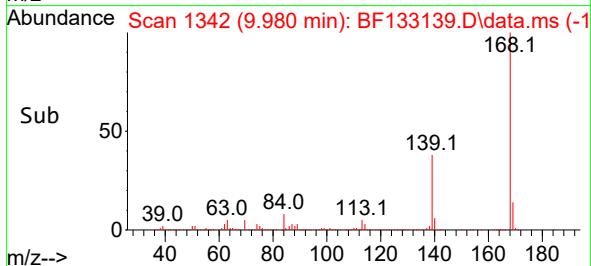
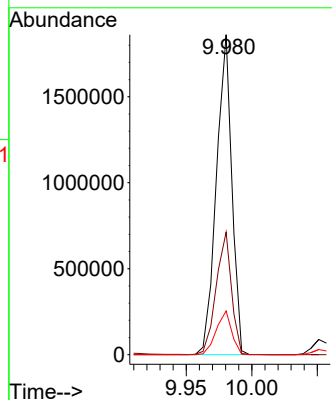
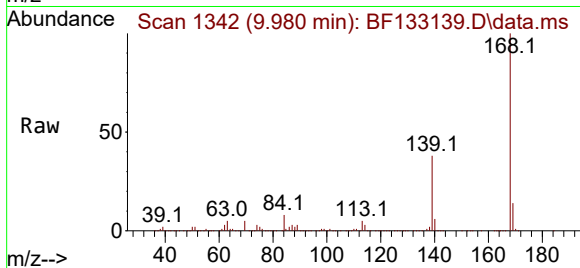
Tgt Ion:168 Resp: 1520031

Ion Ratio Lower Upper

168 100

139 38.3 29.8 44.8

169 13.6 10.8 16.2



#56

4-Nitrophenol

Concen: 38.909 ng

RT: 9.886 min Scan# 1326

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

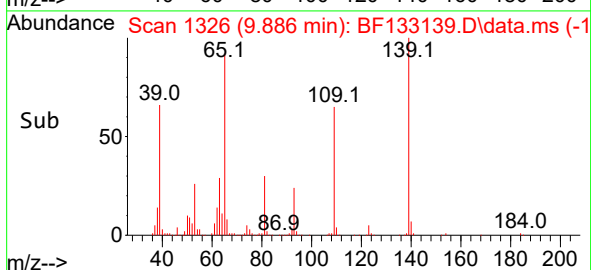
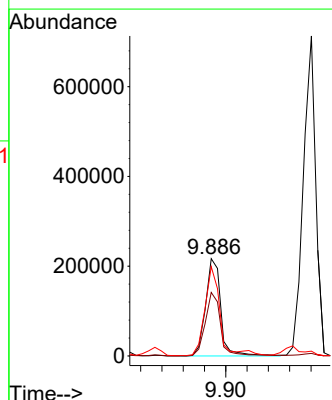
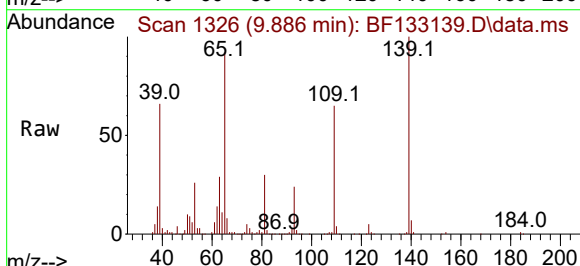
Tgt Ion:139 Resp: 214552

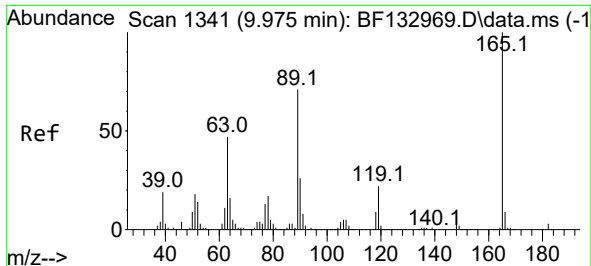
Ion Ratio Lower Upper

139 100

109 65.3 39.4 79.4

65 91.8 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 53.231 ng

RT: 9.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

Instrument :

BNA_F

ClientSampleId :

MW-4MSD

Tgt Ion:165 Resp: 406465

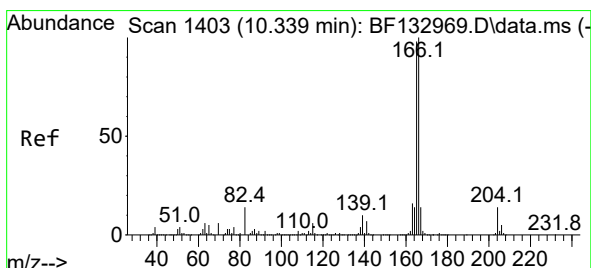
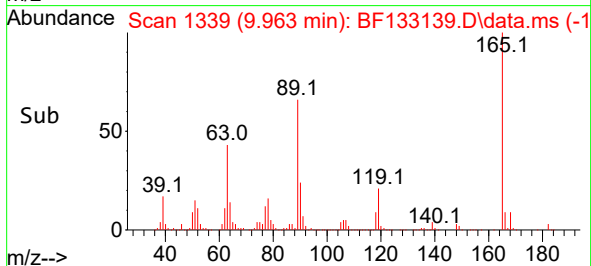
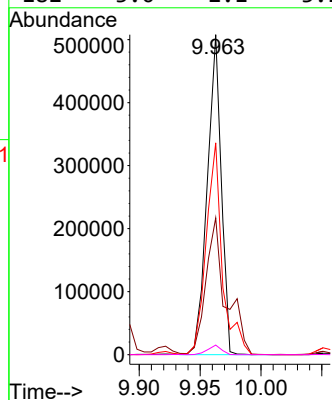
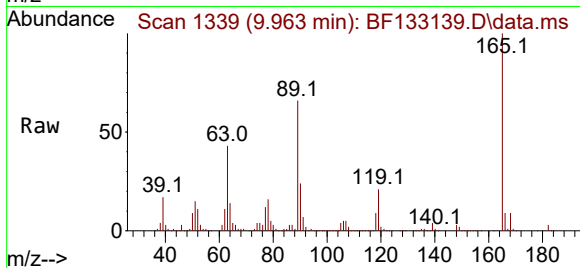
Ion Ratio Lower Upper

165 100

63 42.7 37.7 56.5

89 66.2 57.0 85.4

182 3.0 2.1 3.1



#58

Fluorene

Concen: 46.708 ng

RT: 10.322 min Scan# 1400

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

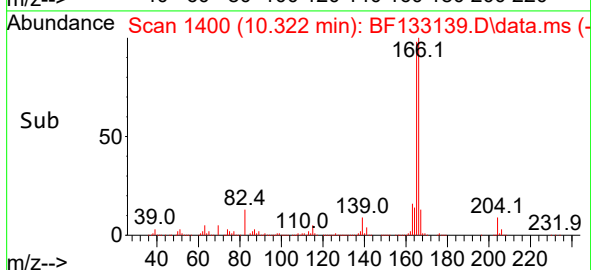
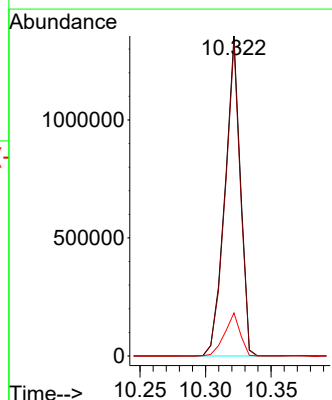
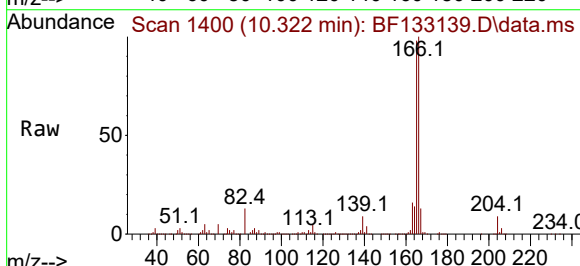
Tgt Ion:166 Resp: 1106160

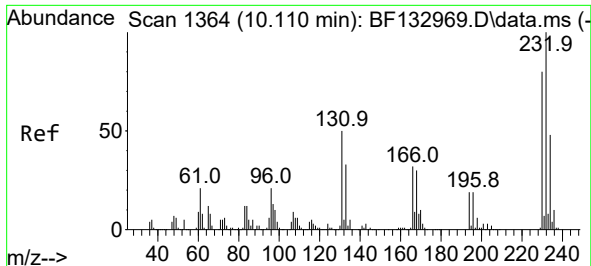
Ion Ratio Lower Upper

166 100

165 97.8 78.6 117.8

167 13.4 11.0 16.4

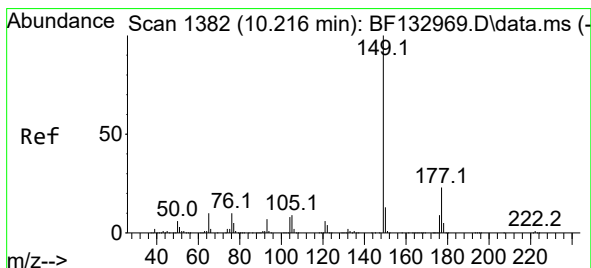
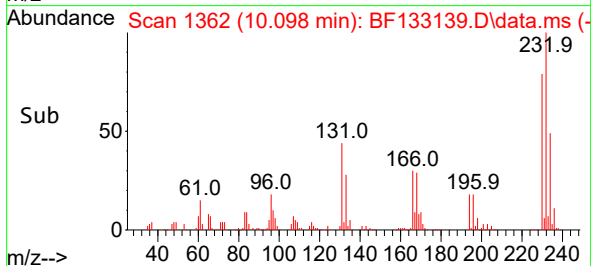
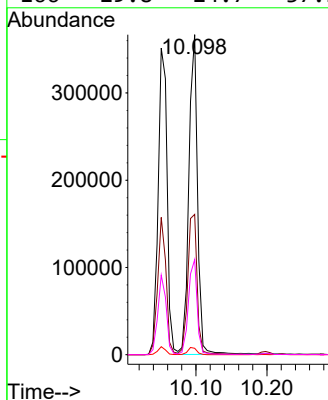
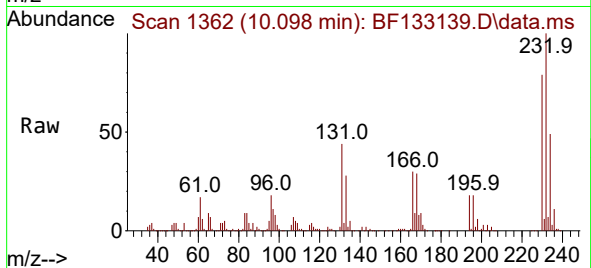




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.742 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

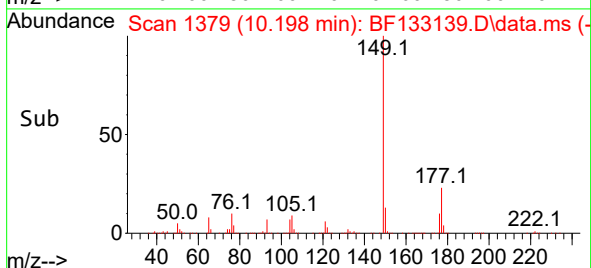
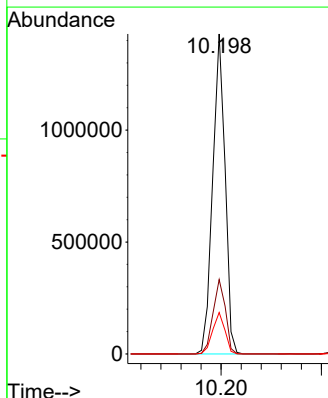
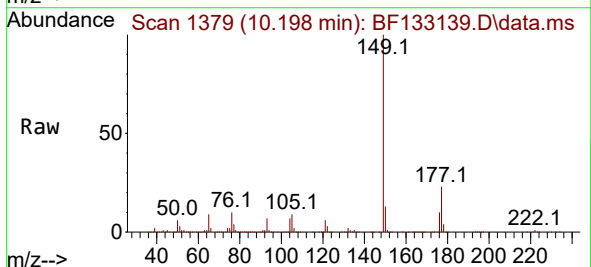
Instrument :
BNA_F
ClientSampleId :
MW-4MSD

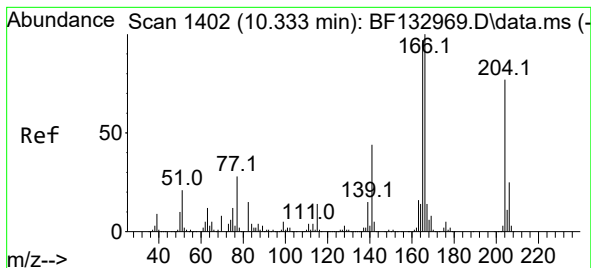
Tgt Ion:232 Resp: 310033
Ion Ratio Lower Upper
232 100
131 47.4 38.0 57.0
130 2.3 1.8 2.8
166 29.8 24.7 37.1



#60
Diethylphthalate
Concen: 48.545 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

Tgt Ion:149 Resp: 1219849
Ion Ratio Lower Upper
149 100
177 23.2 18.2 27.4
150 12.9 10.2 15.4

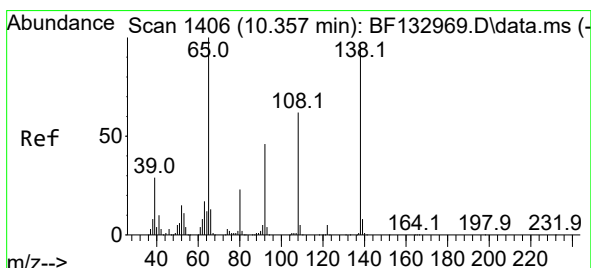
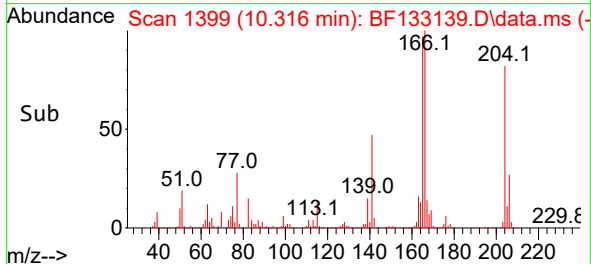
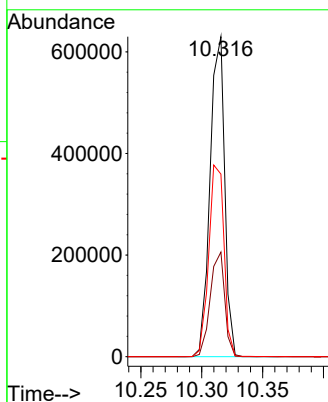
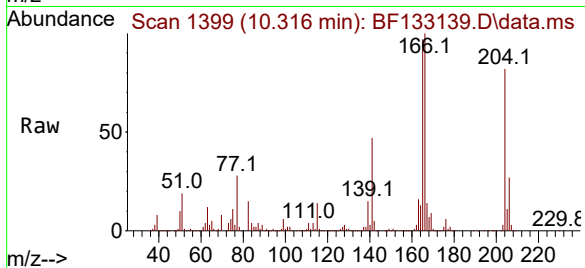




#61
4-Chlorophenyl-phenylether
Concen: 45.662 ng
RT: 10.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

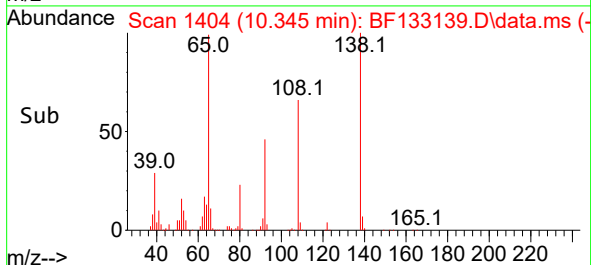
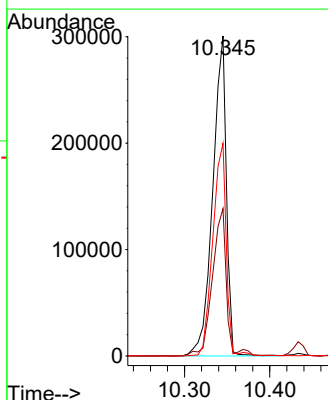
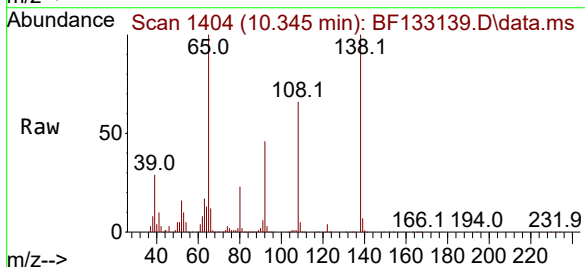
Instrument :
BNA_F
ClientSampleId :
MW-4MSD

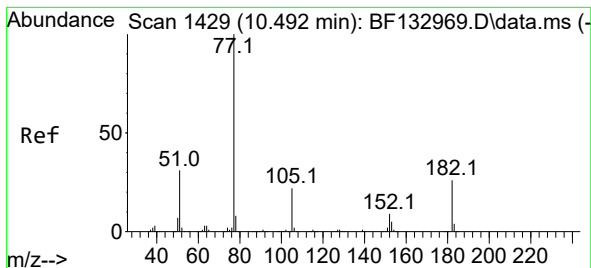
Tgt Ion:204 Resp: 526983
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 57.1 46.1 69.1



#62
4-Nitroaniline
Concen: 51.053 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

Tgt Ion:138 Resp: 334060
Ion Ratio Lower Upper
138 100
92 46.1 27.7 67.7
108 66.5 45.2 85.2





#63

Azobenzene

Concen: 49.043 ng

RT: 10.475 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

Instrument :

BNA_F

ClientSampleId :

MW-4MSD

Tgt Ion: 77 Resp: 1305492

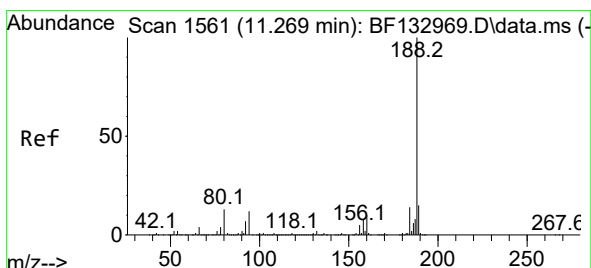
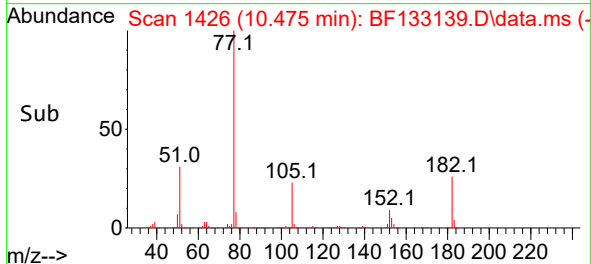
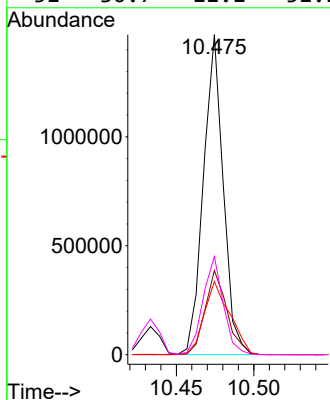
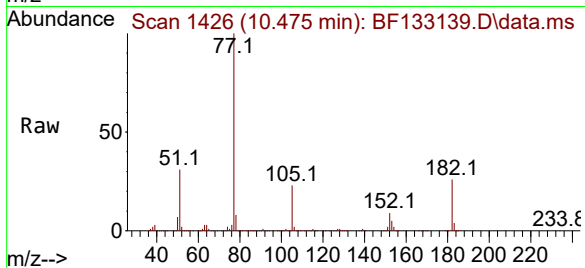
Ion Ratio Lower Upper

77 100

182 26.3 5.9 45.9

105 22.8 2.3 42.3

51 30.7 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 1558

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

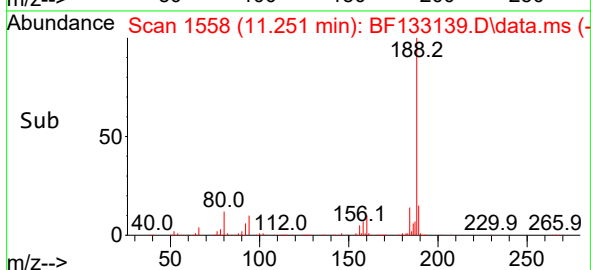
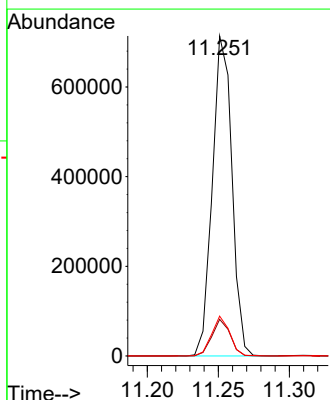
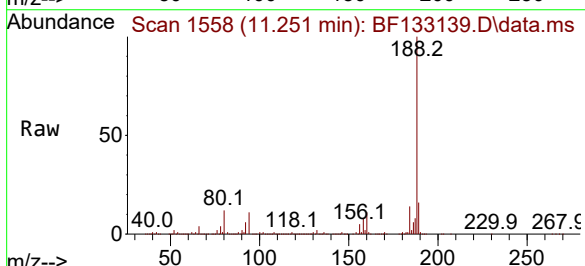
Tgt Ion:188 Resp: 684496

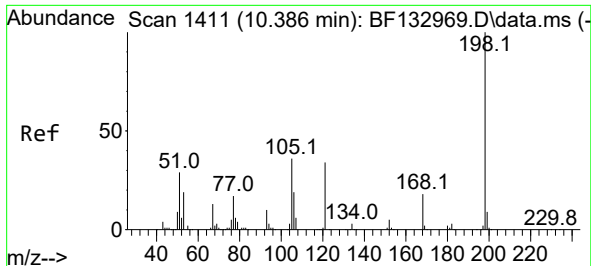
Ion Ratio Lower Upper

188 100

94 11.4 9.7 14.5

80 12.4 10.4 15.6

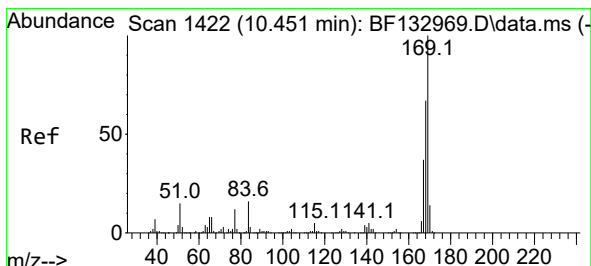
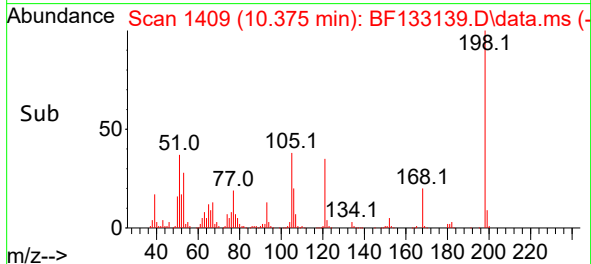
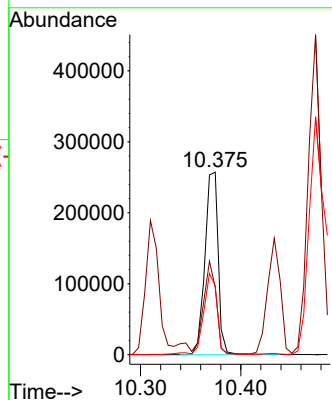
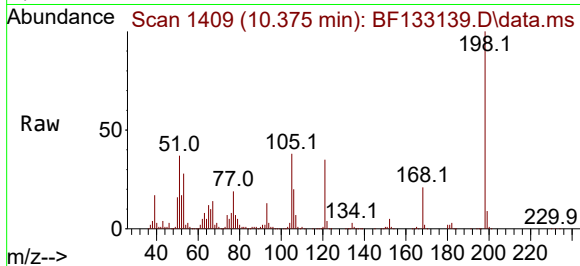




#65
4,6-Dinitro-2-methylphenol
Concen: 57.399 ng
RT: 10.375 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

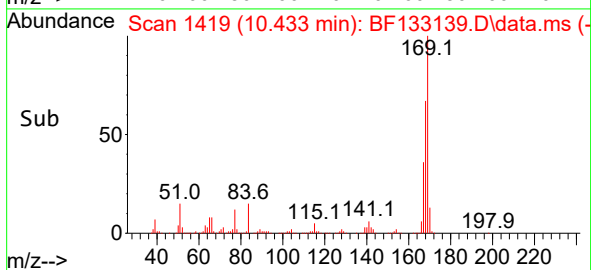
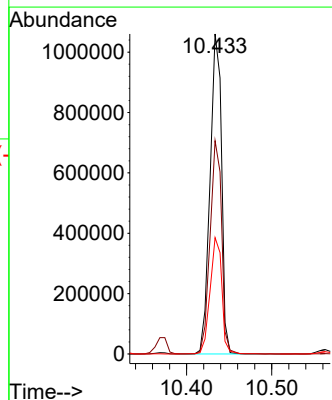
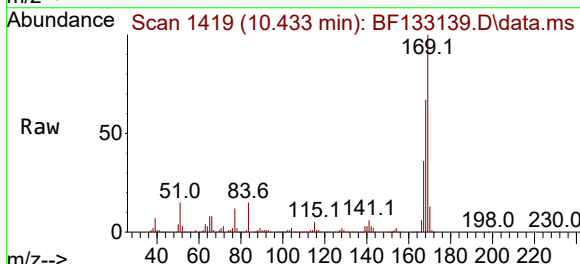
Instrument :
BNA_F
ClientSampleId :
MW-4MSD

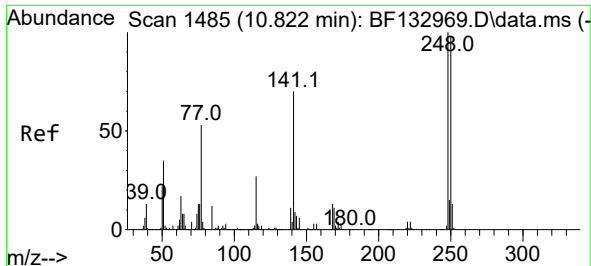
Tgt Ion:198 Resp: 238140
Ion Ratio Lower Upper
198 100
51 36.7 15.5 55.5
105 37.8 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 44.720 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

Tgt Ion:169 Resp: 992922
Ion Ratio Lower Upper
169 100
168 66.7 53.8 80.8
167 36.3 29.7 44.5

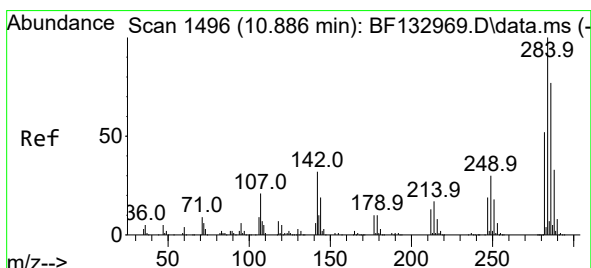
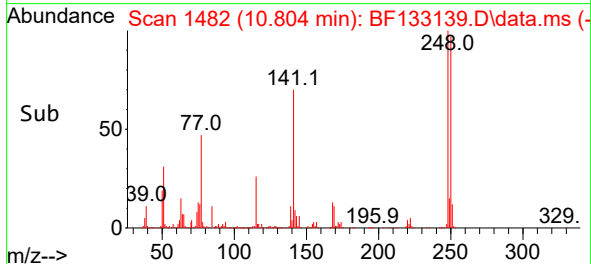
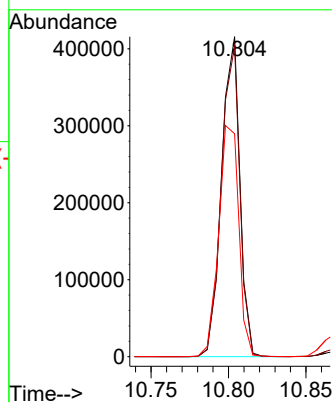
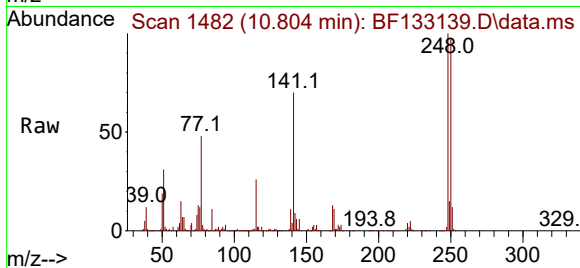




#67
4-Bromophenyl-phenylether
Concen: 46.132 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

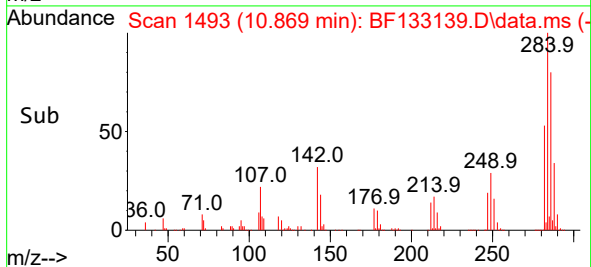
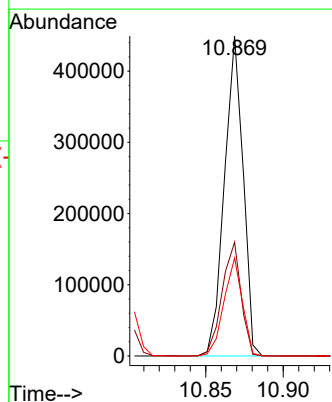
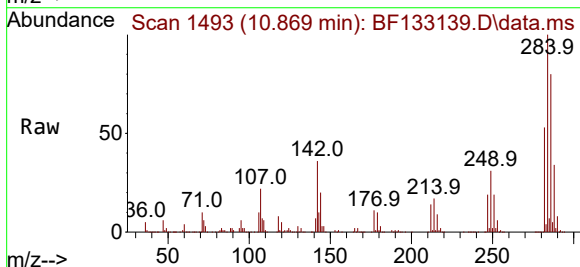
Instrument :
BNA_F
ClientSampleId :
MW-4MSD

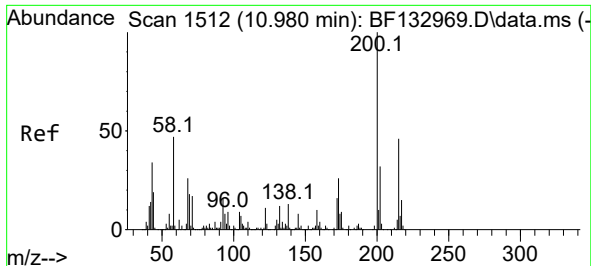
Tgt Ion:248 Resp: 342476
Ion Ratio Lower Upper
248 100
250 97.0 78.7 118.1
141 69.6 56.3 84.5



#68
Hexachlorobenzene
Concen: 49.358 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

Tgt Ion:284 Resp: 375466
Ion Ratio Lower Upper
284 100
142 35.6 26.0 39.0
249 30.7 23.7 35.5

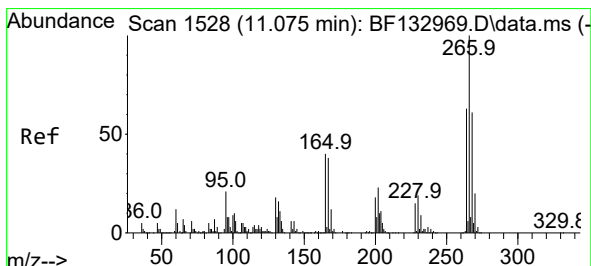
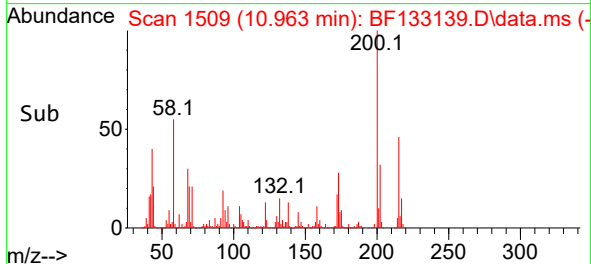
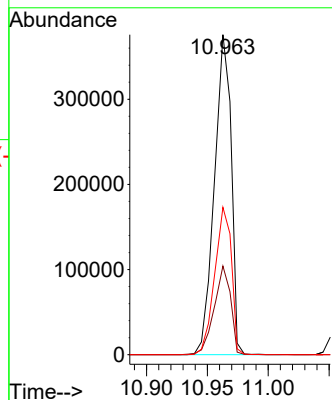
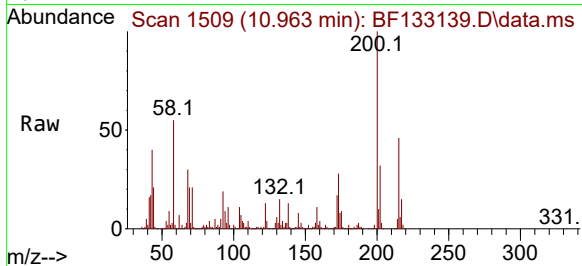




#69
 Atrazine
 Concen: 56.318 ng
 RT: 10.963 min Scan# 1509
 Delta R.T. 0.000 min
 Lab File: BF133139.D
 Acq: 29 Apr 2023 00:33

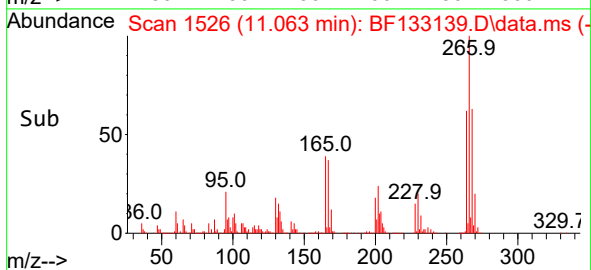
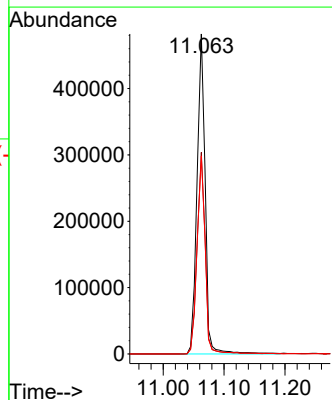
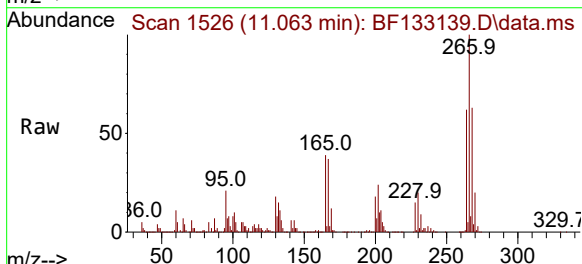
Instrument :
 BNA_F
 ClientSampleId :
 MW-4MSD

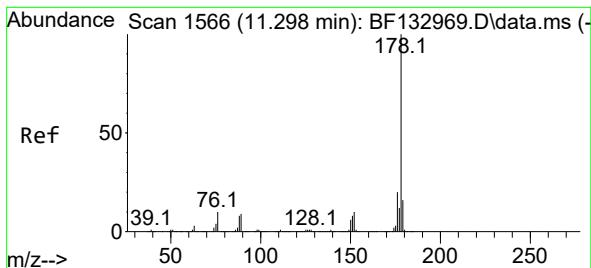
Tgt Ion:200 Resp: 360307
 Ion Ratio Lower Upper
 200 100
 173 27.7 6.2 46.2
 215 46.0 26.3 66.3



#70
 Pentachlorophenol
 Concen: 82.741 ng
 RT: 11.063 min Scan# 1526
 Delta R.T. 0.000 min
 Lab File: BF133139.D
 Acq: 29 Apr 2023 00:33

Tgt Ion:266 Resp: 448266
 Ion Ratio Lower Upper
 266 100
 268 63.0 48.8 73.2
 264 61.9 50.6 76.0





#71

Phenanthrene

Concen: 47.394 ng

RT: 11.280 min Scan# 1563

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

Instrument :

BNA_F

ClientSampleId :

MW-4MSD

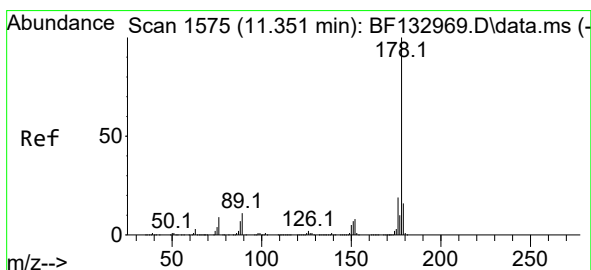
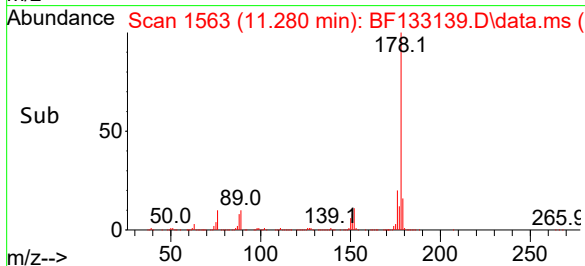
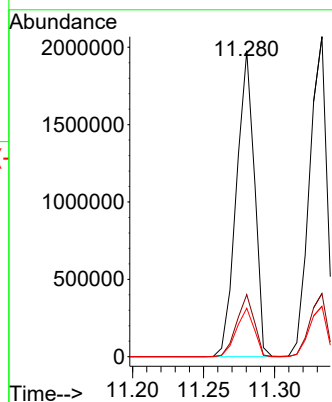
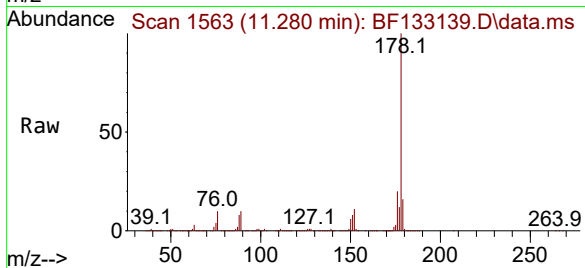
Tgt Ion:178 Resp: 1743616

Ion Ratio Lower Upper

178 100

176 20.3 15.9 23.9

179 15.8 12.5 18.7



#72

Anthracene

Concen: 47.024 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

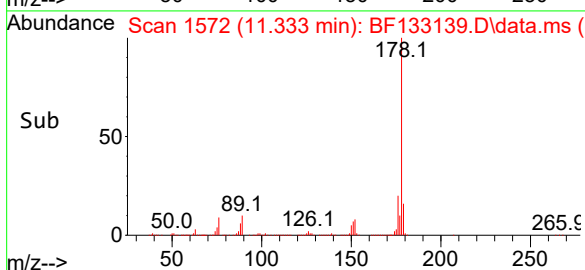
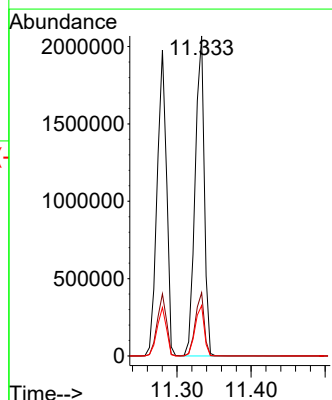
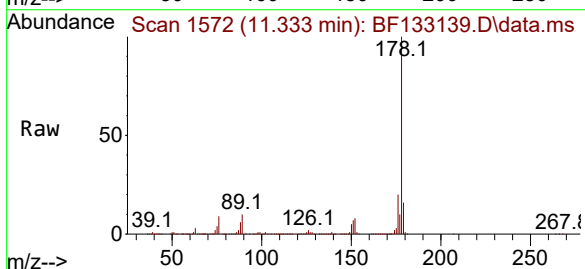
Tgt Ion:178 Resp: 1770444

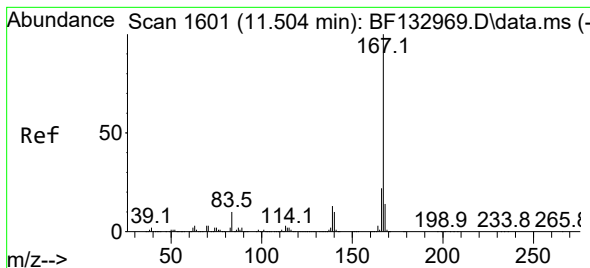
Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.0

179 15.8 12.4 18.6





#73

Carbazole

Concen: 49.384 ng

RT: 11.486 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

Instrument :

BNA_F

ClientSampleId :

MW-4MSD

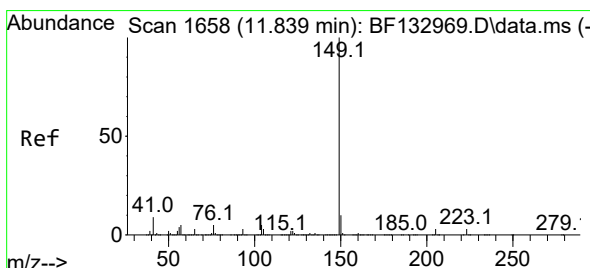
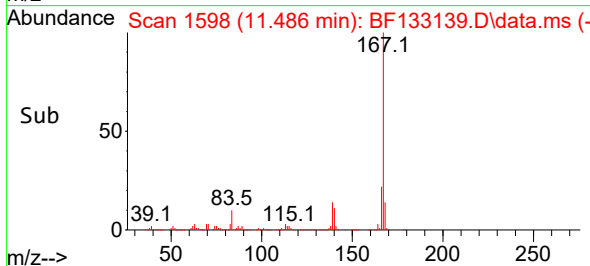
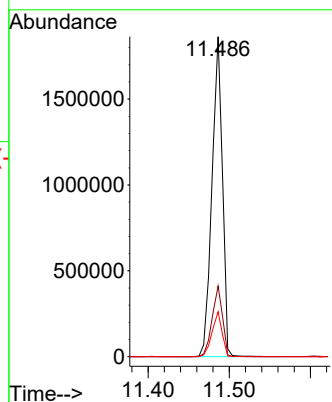
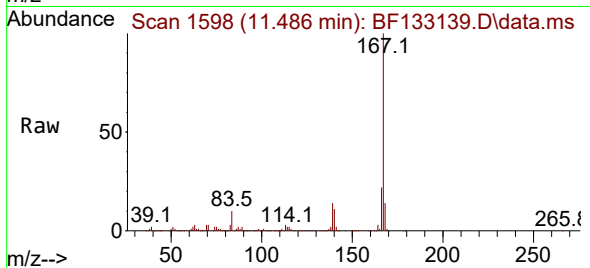
Tgt Ion:167 Resp: 1655572

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.0

139 14.0 10.6 16.0



#74

Di-n-butylphthalate

Concen: 50.004 ng

RT: 11.822 min Scan# 1655

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

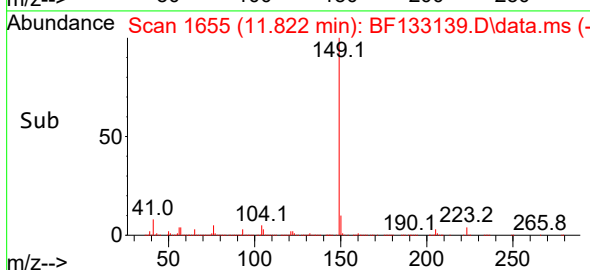
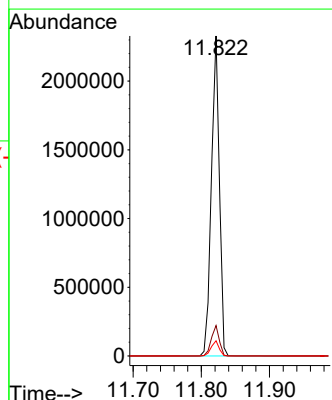
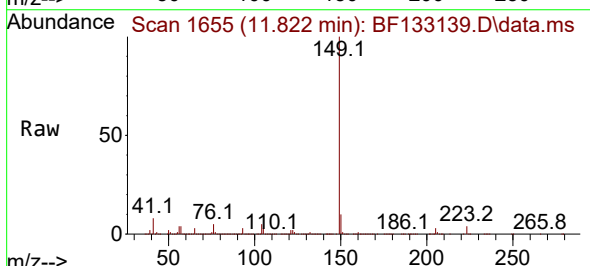
Tgt Ion:149 Resp: 1897080

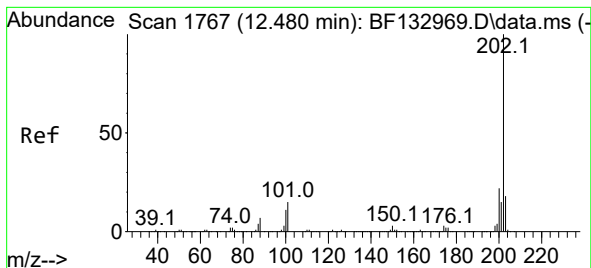
Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 4.7 4.0 6.0





#75

Fluoranthene

Concen: 48.380 ng

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

Instrument :

BNA_F

ClientSampleId :

MW-4MSD

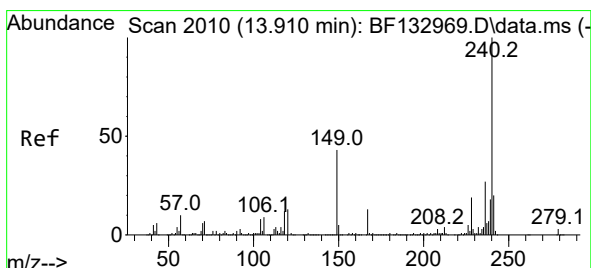
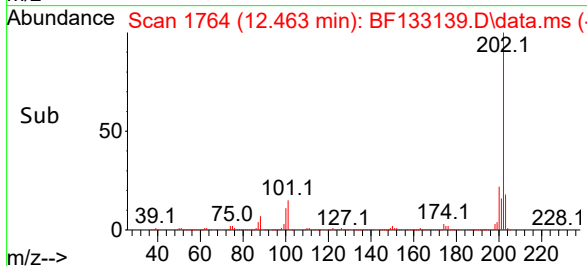
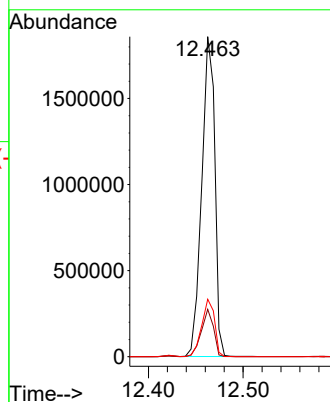
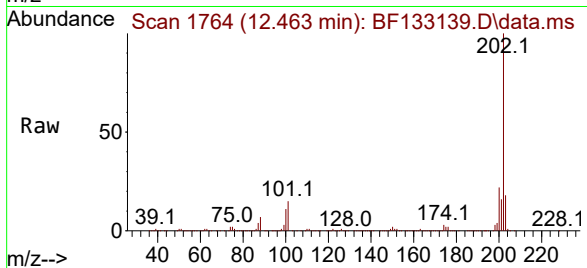
Tgt Ion:202 Resp: 1786316

Ion Ratio Lower Upper

202 100

101 14.8 0.0 35.3

203 17.9 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.892 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

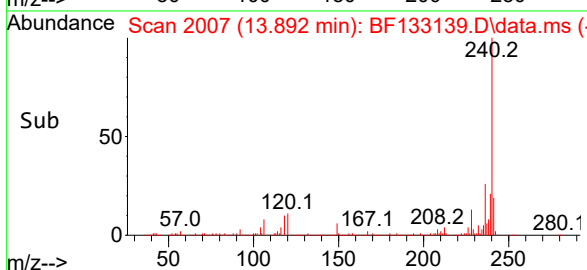
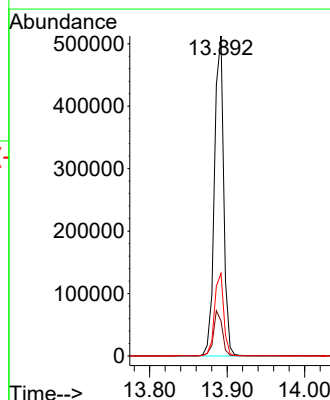
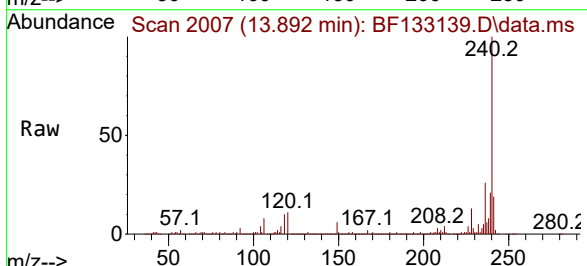
Tgt Ion:240 Resp: 425360

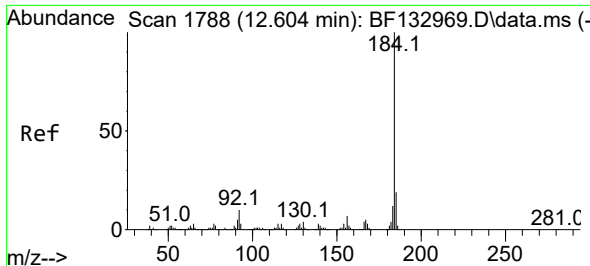
Ion Ratio Lower Upper

240 100

120 11.0 10.5 15.7

236 25.8 21.5 32.3

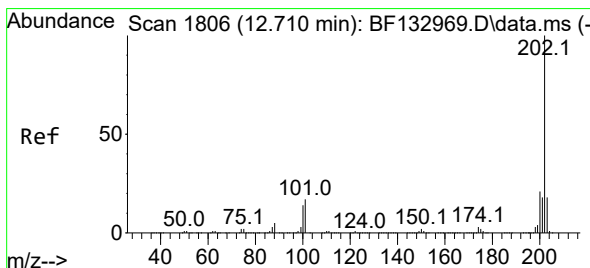
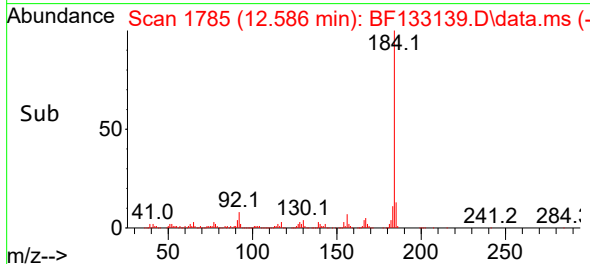
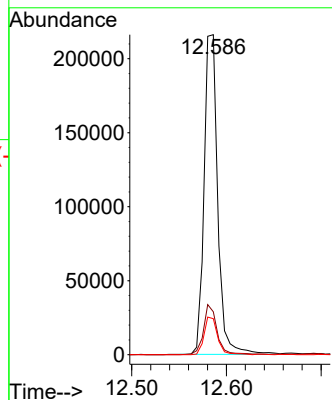
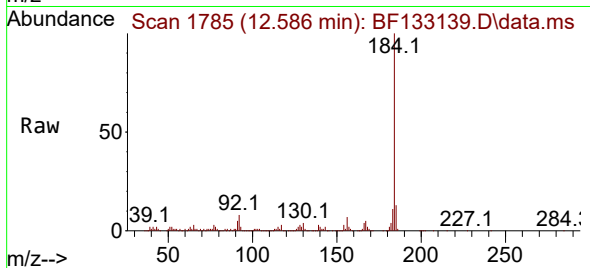




#77
Benzidine
Concen: 30.072 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

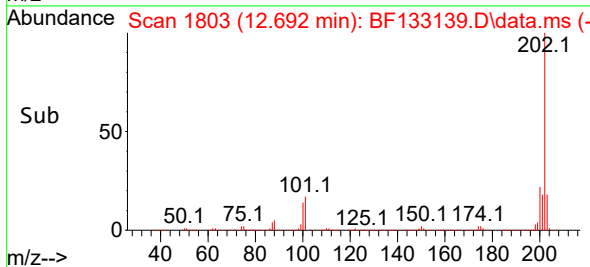
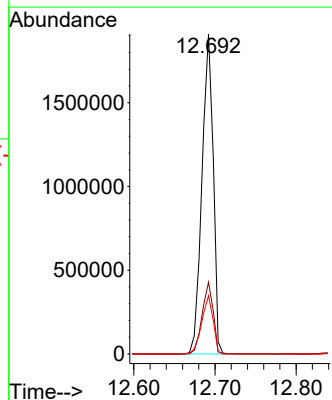
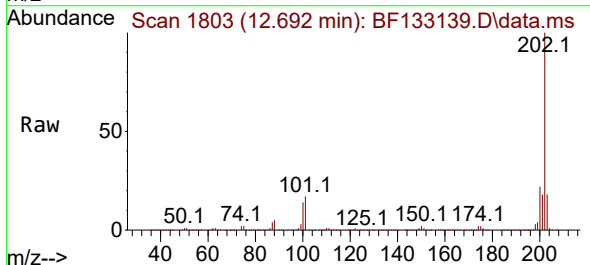
Instrument :
BNA_F
ClientSampleId :
MW-4MSD

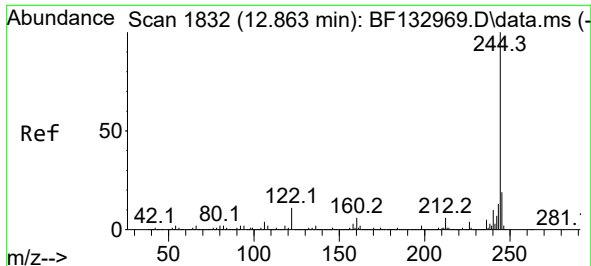
Tgt Ion:184 Resp: 216312
Ion Ratio Lower Upper
184 100
185 13.4 15.4 23.2#
183 11.3 9.4 14.0



#78
Pyrene
Concen: 50.453 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

Tgt Ion:202 Resp: 1839670
Ion Ratio Lower Upper
202 100
200 22.4 17.1 25.7
203 18.2 14.1 21.1

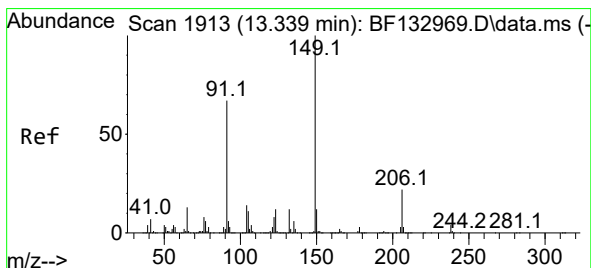
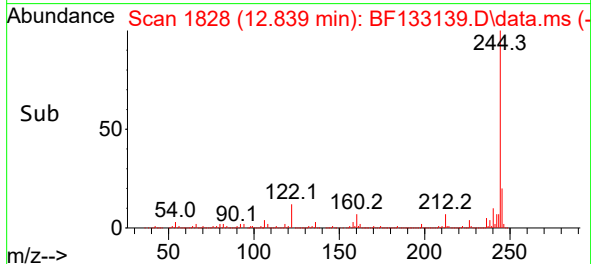
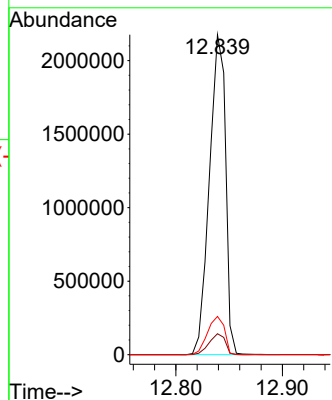
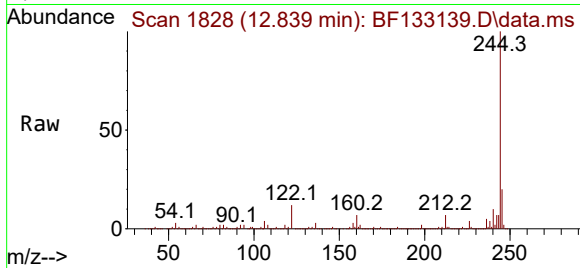




#79
 Terphenyl-d14
 Concen: 93.530 ng
 RT: 12.839 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133139.D
 Acq: 29 Apr 2023 00:33

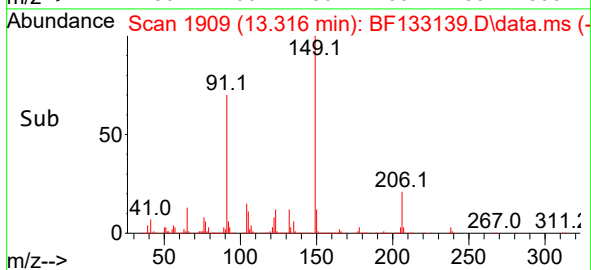
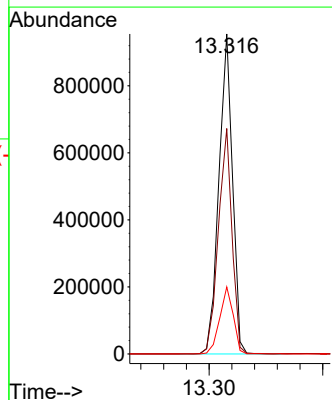
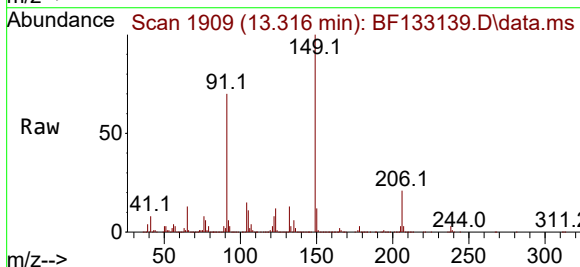
Instrument :
 BNA_F
 ClientSampleId :
 MW-4MSD

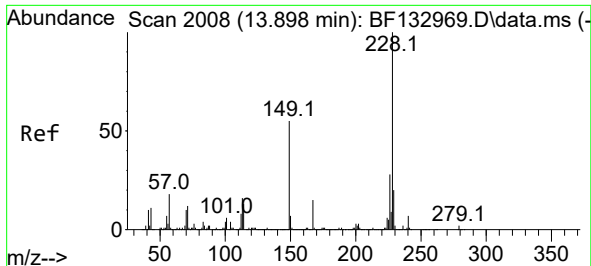
Tgt Ion:244 Resp: 2306769
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.9 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 61.512 ng
 RT: 13.316 min Scan# 1909
 Delta R.T. 0.000 min
 Lab File: BF133139.D
 Acq: 29 Apr 2023 00:33

Tgt Ion:149 Resp: 794157
 Ion Ratio Lower Upper
 149 100
 91 70.4 53.8 80.6
 206 20.9 17.5 26.3

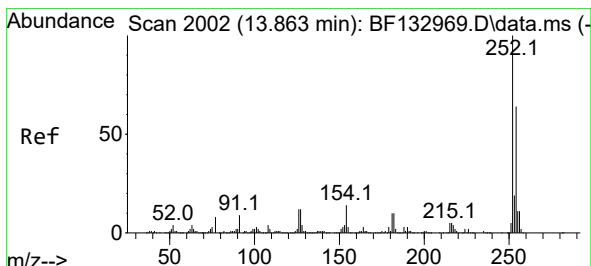
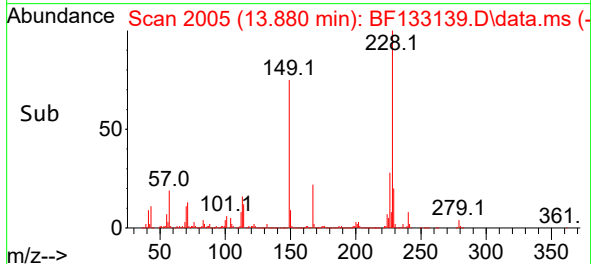
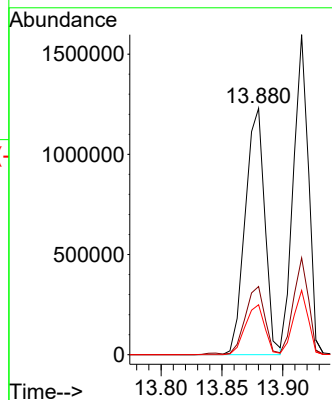
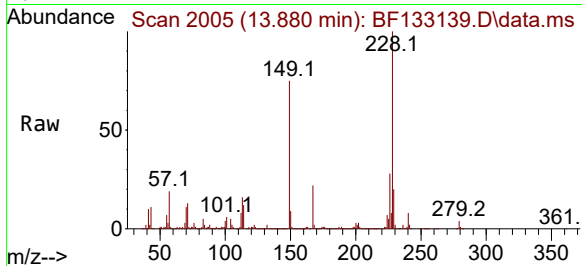




#81
Benzo(a)anthracene
Concen: 47.152 ng
RT: 13.880 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

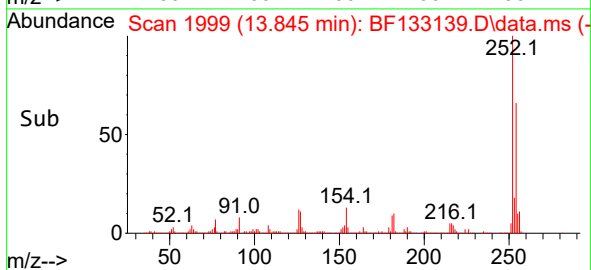
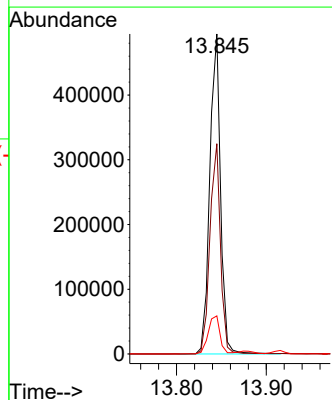
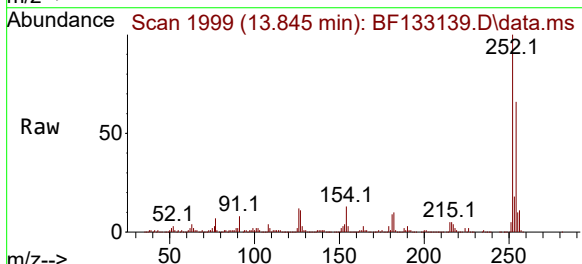
Instrument :
BNA_F
ClientSampleId :
MW-4MSD

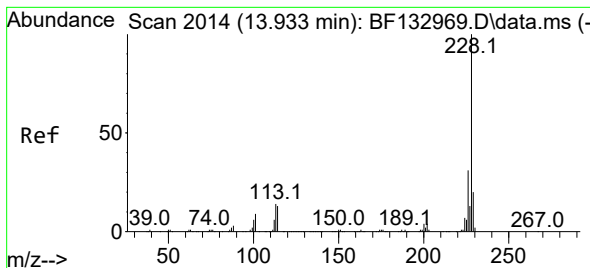
Tgt Ion:228 Resp: 1379223
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.4
229 20.3 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 50.754 ng
RT: 13.845 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

Tgt Ion:252 Resp: 410119
Ion Ratio Lower Upper
252 100
254 65.7 51.5 77.3
126 11.9 9.5 14.3





#83

Chrysene

Concen: 47.116 ng

RT: 13.915 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

Instrument :

BNA_F

ClientSampleId :

MW-4MSD

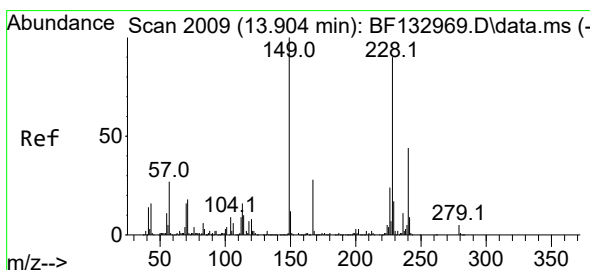
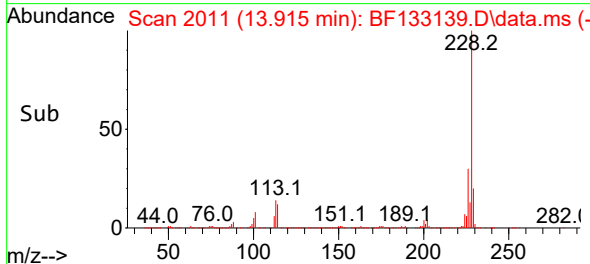
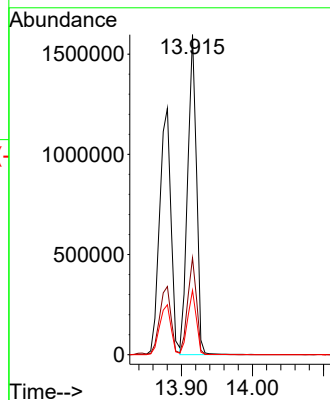
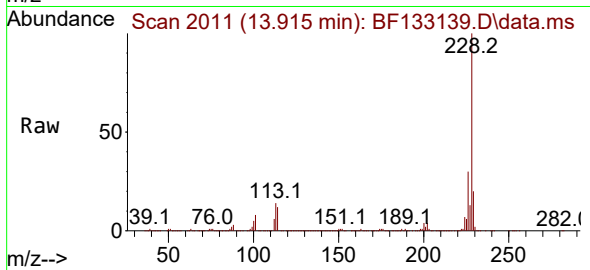
Tgt Ion:228 Resp: 1377823

Ion Ratio Lower Upper

228 100

226 30.3 24.7 37.1

229 20.1 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.589 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

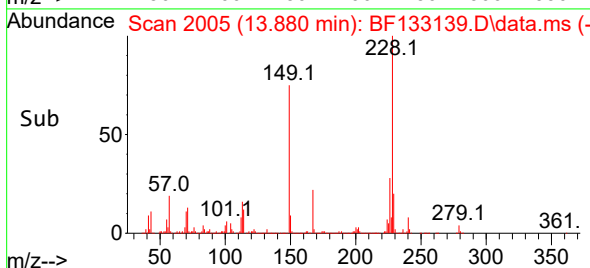
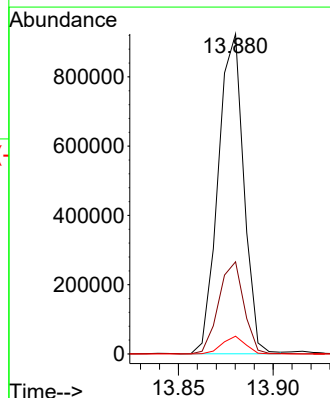
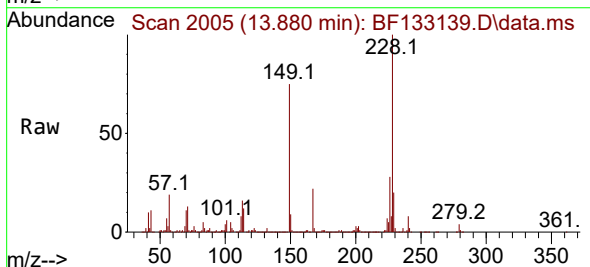
Tgt Ion:149 Resp: 868431

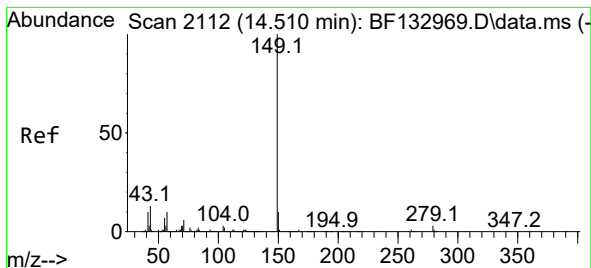
Ion Ratio Lower Upper

149 100

167 28.8 22.5 33.7

279 5.5 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 57.492 ng

RT: 14.492 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

Instrument :

BNA_F

ClientSampleId :

MW-4MSD

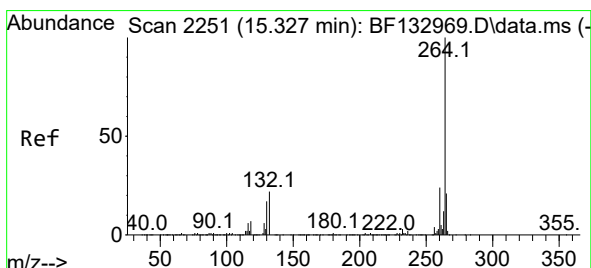
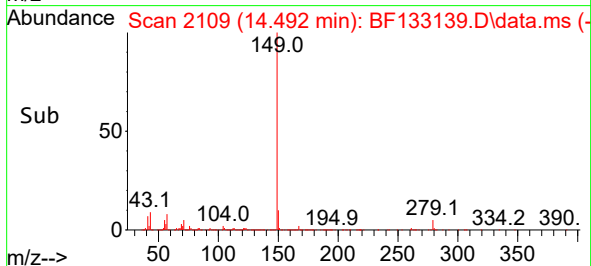
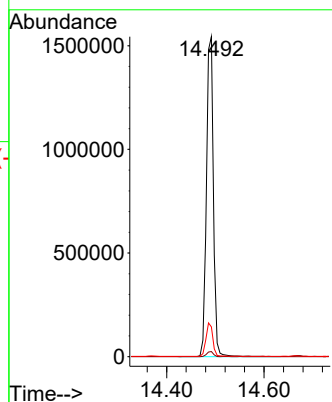
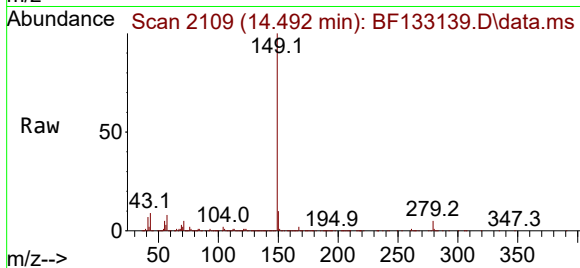
Tgt Ion:149 Resp: 1519136

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.3 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. -0.006 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

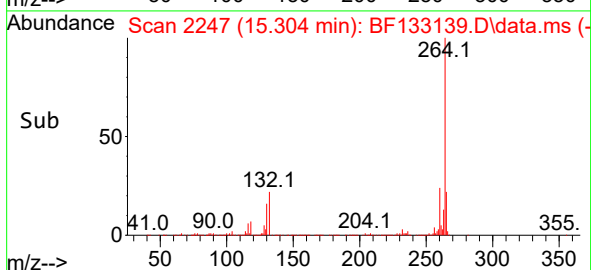
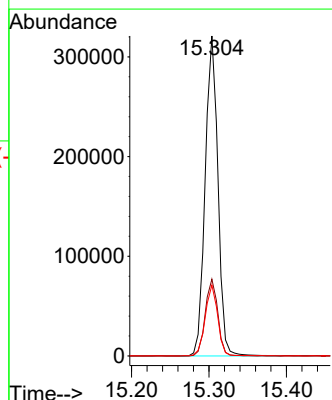
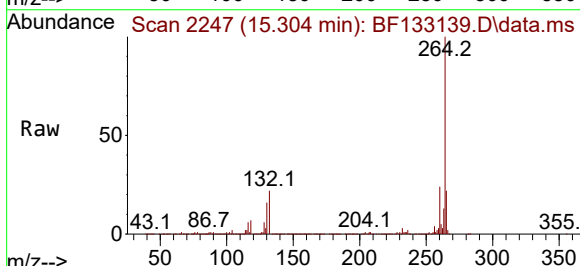
Tgt Ion:264 Resp: 366457

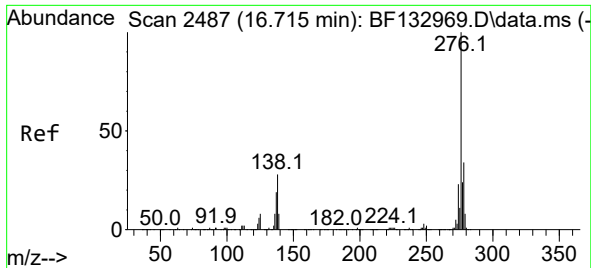
Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 22.2 17.0 25.4

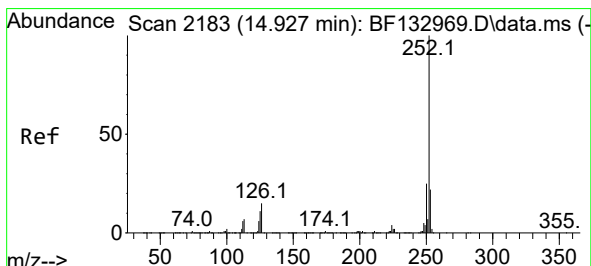
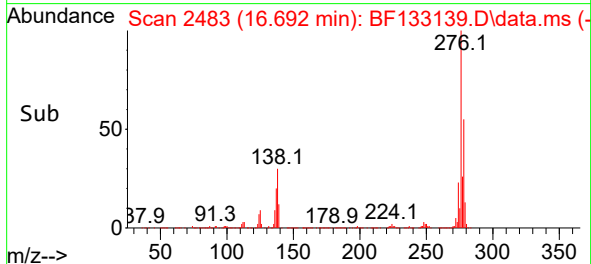
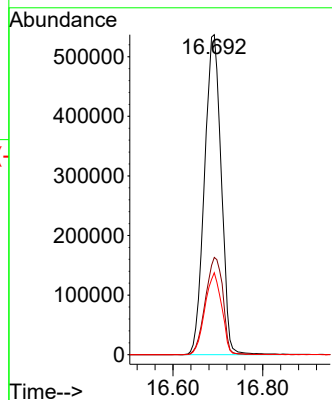
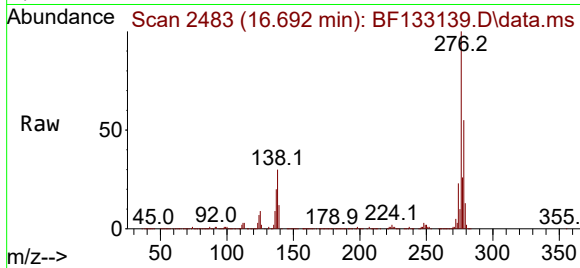




#87
Indeno(1,2,3-cd)pyrene
Concen: 66.691 ng
RT: 16.692 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

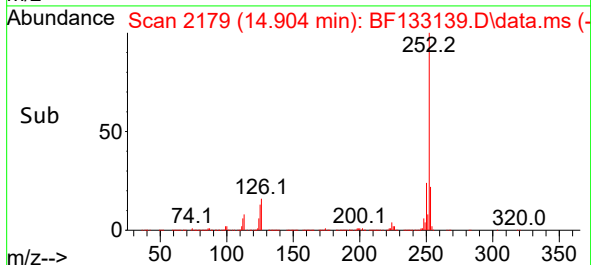
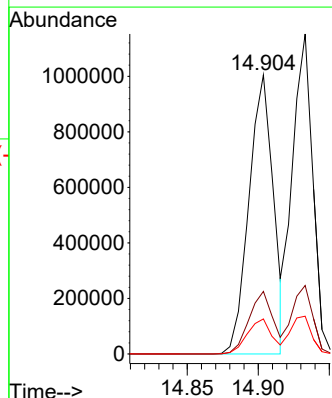
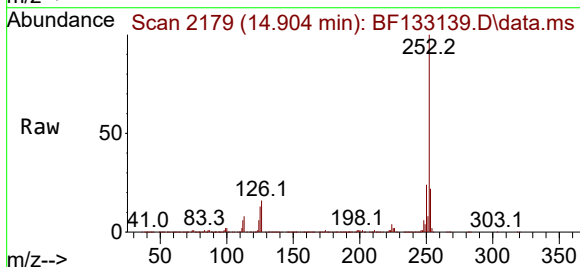
Instrument :
BNA_F
ClientSampleId :
MW-4MSD

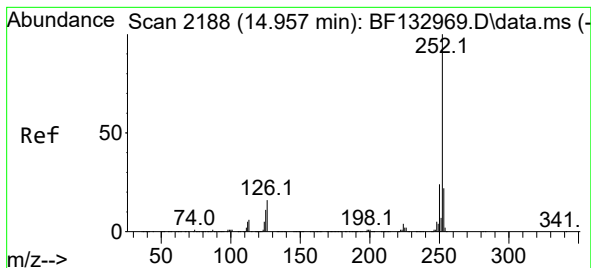
Tgt Ion:276 Resp: 1390165
Ion Ratio Lower Upper
276 100
138 31.8 25.5 38.3
277 25.7 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 51.478 ng
RT: 14.904 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

Tgt Ion:252 Resp: 1200141
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 12.6 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 49.905 ng

RT: 14.933 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

Instrument :

BNA_F

ClientSampleId :

MW-4MSD

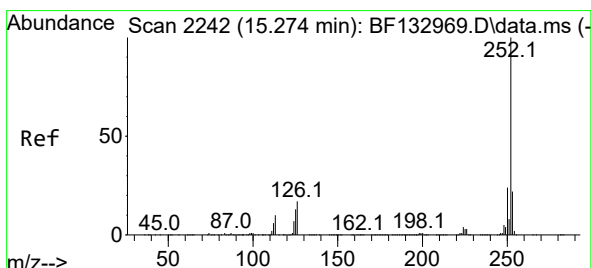
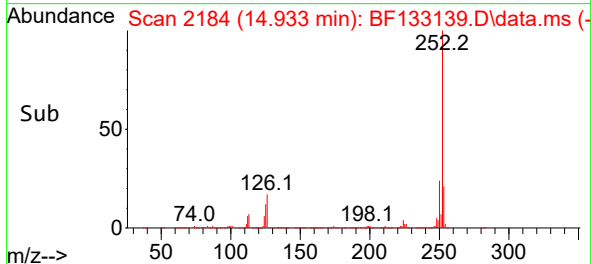
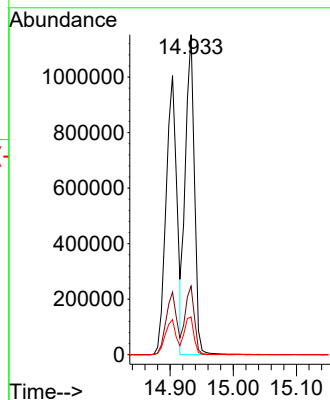
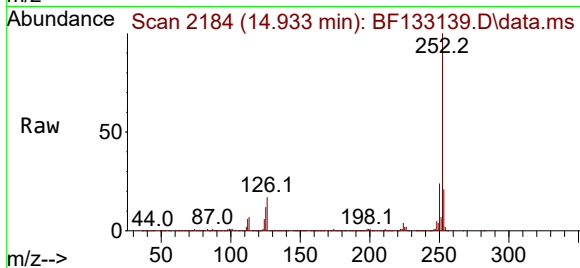
Tgt Ion:252 Resp: 1153335

Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

125 11.8 9.0 13.4



#90

Benzo(a)pyrene

Concen: 47.305 ng

RT: 15.251 min Scan# 2238

Delta R.T. 0.000 min

Lab File: BF133139.D

Acq: 29 Apr 2023 00:33

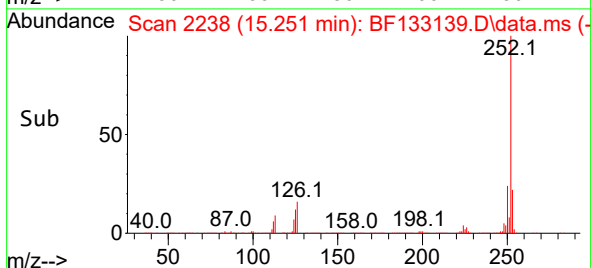
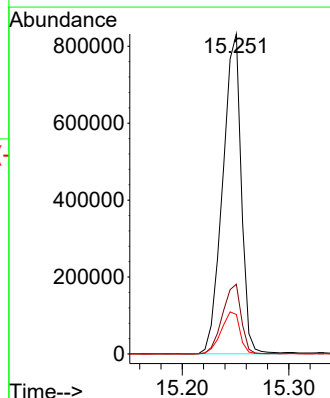
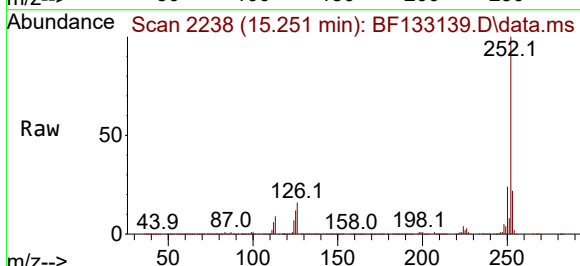
Tgt Ion:252 Resp: 1003820

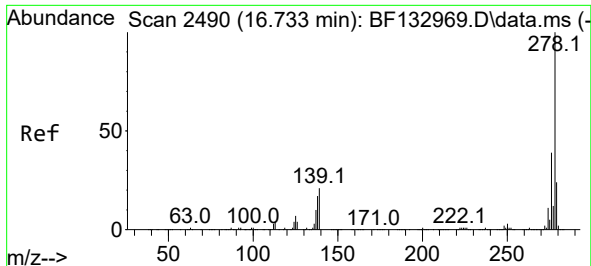
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 12.3 10.5 15.7

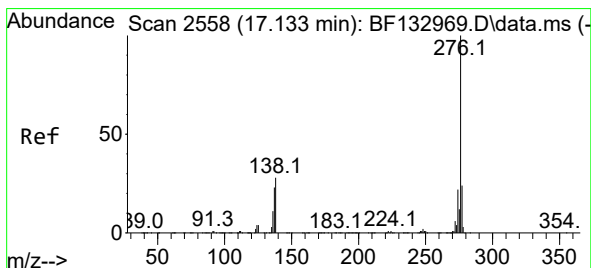
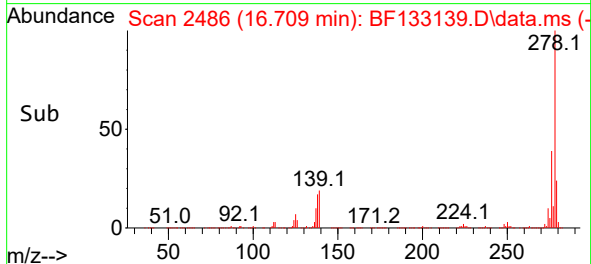
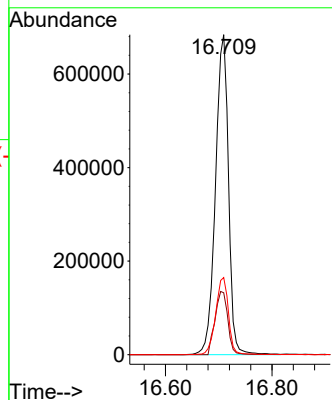
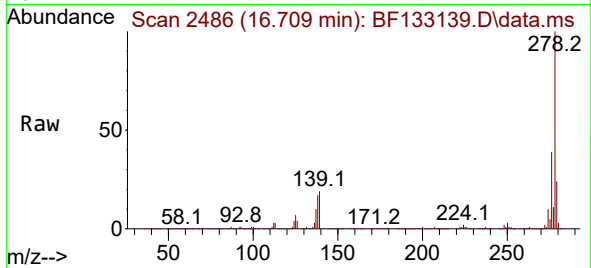




#91
Dibenzo(a,h)anthracene
Concen: 66.585 ng
RT: 16.709 min Scan# 2490
Delta R.T. 0.006 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

Instrument :
BNA_F
ClientSampleId :
MW-4MSD

Tgt Ion:278 Resp: 1157614
Ion Ratio Lower Upper
278 100
139 19.4 16.6 24.8
279 24.1 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 69.457 ng
RT: 17.109 min Scan# 2554
Delta R.T. 0.006 min
Lab File: BF133139.D
Acq: 29 Apr 2023 00:33

Tgt Ion:276 Resp: 1192159
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.0
138 27.0 22.7 34.1

