

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061923\
 Data File : BF133838.D
 Acq On : 19 Jun 2023 17:40
 Operator : CG\JU
 Sample : 03282-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 20 01:34:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 19 16:00:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	96290	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	363699	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	168484	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	278881	20.000	ng	0.00
76) Chrysene-d12	14.045	240	182058	20.000	ng	0.00
86) Perylene-d12	15.551	264	236286	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	428272	77.431	ng	0.00
7) Phenol-d6	6.493	99	515163	71.555	ng	0.00
23) Nitrobenzene-d5	7.422	82	353937	53.005	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	124126	58.201	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	534938	45.133	ng	0.00
79) Terphenyl-d14	12.980	244	389950	33.143	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	100135	41.180	ng	96
3) Pyridine	3.487	79	243536	34.361	ng	93
4) n-Nitrosodimethylamine	3.452	42	172747	44.093	ng	99
6) Aniline	6.522	93	344720	38.015	ng	98
8) 2-Chlorophenol	6.645	128	268399	46.047	ng	96
9) Benzaldehyde	6.410	77	147583	30.897	ng	97
10) Phenol	6.510	94	329922	43.886	ng	96
11) bis(2-Chloroethyl)ether	6.598	93	247357	44.320	ng	98
12) 1,3-Dichlorobenzene	6.798	146	299647	48.114	ng	98
13) 1,4-Dichlorobenzene	6.875	146	298660	47.447	ng	96
14) 1,2-Dichlorobenzene	7.028	146	286654	50.399	ng	99
15) Benzyl Alcohol	6.998	79	249205	44.318	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	458708	48.485	ng	100
17) 2-Methylphenol	7.110	107	210330	40.711	ng	97
18) Hexachloroethane	7.369	117	115925	53.796	ng	99
19) n-Nitroso-di-n-propyla...	7.269	70	196292	42.852	ng	95
20) 3+4-Methylphenols	7.263	107	263213	39.163	ng	91
22) Acetophenone	7.269	105	376815	45.173	ng	# 97
24) Nitrobenzene	7.439	77	294001	43.726	ng	99
25) Isophorone	7.681	82	521351	42.528	ng	98
26) 2-Nitrophenol	7.757	139	145540	48.231	ng	97
27) 2,4-Dimethylphenol	7.792	122	230491	44.316	ng	100
28) bis(2-Chloroethoxy)met...	7.887	93	306040	43.194	ng	99
29) 2,4-Dichlorophenol	7.998	162	218157	42.797	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	239760	45.082	ng	98
31) Naphthalene	8.163	128	757591	42.755	ng	99
32) Benzoic acid	7.904	122	150509	45.884	ng	98
33) 4-Chloroaniline	8.210	127	207442	27.380	ng	98
34) Hexachlorobutadiene	8.275	225	153867	44.189	ng	98
35) Caprolactam	8.586	113	52761	30.760	ng	94
36) 4-Chloro-3-methylphenol	8.692	107	234529	39.916	ng	100
37) 2-Methylnaphthalene	8.851	142	502098	40.782	ng	98
38) 1-Methylnaphthalene	8.951	142	464652	41.014	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	237916	46.449	ng	98
41) Hexachlorocyclopentadiene	9.004	237	257584	112.849	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	149582	43.702	ng	96

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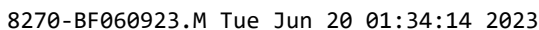
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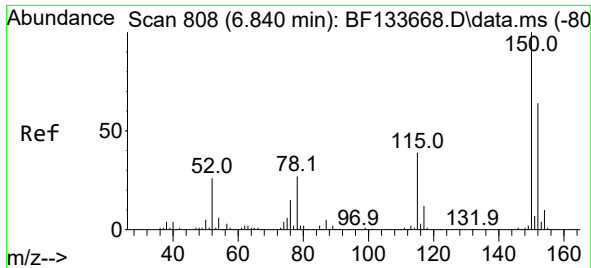
Quant Time: Jun 20 01:34:09 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 19 16:00:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	161760	40.623	ng	98
46) 1,1'-Biphenyl	9.316	154	634219	46.673	ng	99
47) 2-Chloronaphthalene	9.339	162	454383	46.617	ng	98
48) 2-Nitroaniline	9.439	65	152624	42.814	ng	98
49) Acenaphthylene	9.757	152	727844	42.902	ng	99
50) Dimethylphthalate	9.622	163	527900	41.977	ng	99
51) 2,6-Dinitrotoluene	9.681	165	112737	43.431	ng	# 73
52) Acenaphthene	9.933	154	424894	42.788	ng	99
53) 3-Nitroaniline	9.851	138	101060	31.992	ng	91
54) 2,4-Dinitrophenol	9.963	184	113483	88.788	ng	95
55) Dibenzofuran	10.104	168	648874	42.823	ng	97
56) 4-Nitrophenol	10.016	139	160796	75.423	ng	# 77
57) 2,4-Dinitrotoluene	10.086	165	141432	42.841	ng	98
58) Fluorene	10.445	166	489086	42.208	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	129586	43.467	ng	98
60) Diethylphthalate	10.322	149	536136	41.888	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	237646	41.543	ng	98
62) 4-Nitroaniline	10.469	138	107133	34.590	ng	92
63) Azobenzene	10.598	77	509065	42.013	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	72692	54.548	ng	95
66) n-Nitrosodiphenylamine	10.557	169	427690	45.656	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	141382	45.421	ng	93
68) Hexachlorobenzene	10.992	284	150422	45.955	ng	96
69) Atrazine	11.086	200	126739	46.629	ng	99
70) Pentachlorophenol	11.192	266	144294	73.618	ng	97
71) Phenanthrene	11.416	178	617650	43.653	ng	99
72) Anthracene	11.463	178	614910	41.680	ng	100
73) Carbazole	11.622	167	551573	40.142	ng	100
74) Di-n-butylphthalate	11.957	149	725019	41.159	ng	100
75) Fluoranthene	12.610	202	579216	38.549	ng	99
77) Benzidine	12.733	184	331121	54.201	ng	100
78) Pyrene	12.839	202	583999	34.435	ng	100
80) Butylbenzylphthalate	13.463	149	272103	38.005	ng	100
81) Benzo(a)anthracene	14.039	228	554982	44.071	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	200848	47.973	ng	# 98
83) Chrysene	14.074	228	516579	43.371	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	397190	45.055	ng	99
85) Di-n-octyl phthalate	14.651	149	758918	60.580	ng	99
87) Indeno(1,2,3-cd)pyrene	17.104	276	691854	42.560	ng	99
88) Benzo(b)fluoranthene	15.110	252	622414	43.364	ng	99
89) Benzo(k)fluoranthene	15.139	252	597051	42.702	ng	98
90) Benzo(a)pyrene	15.492	252	560607	42.084	ng	98
91) Dibenzo(a,h)anthracene	17.127	278	568055	42.209	ng	99
92) Benzo(g,h,i)perylene	17.580	276	528312	39.594	ng	99

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

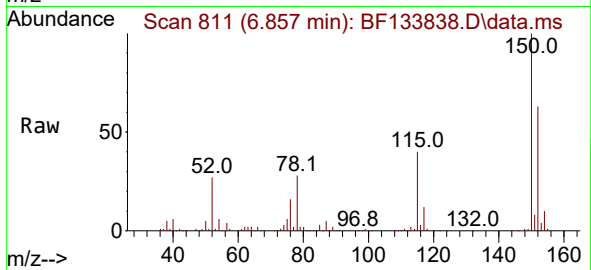
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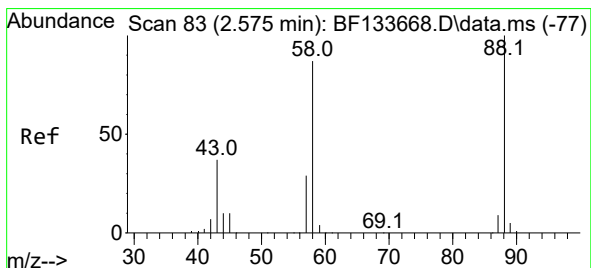
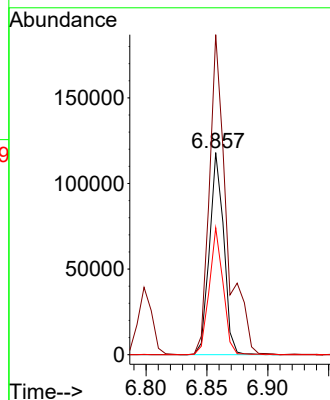
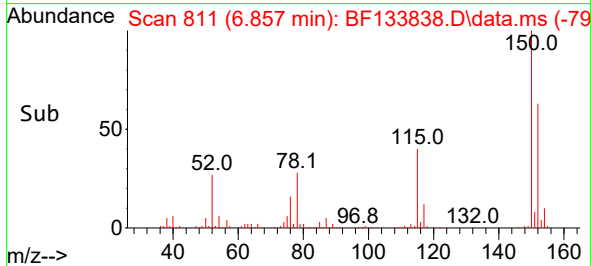


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF133838.D
 Acq: 19 Jun 2023 17:40

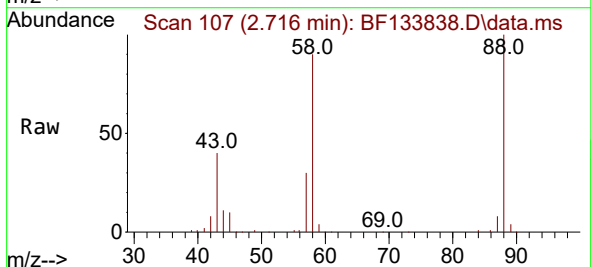
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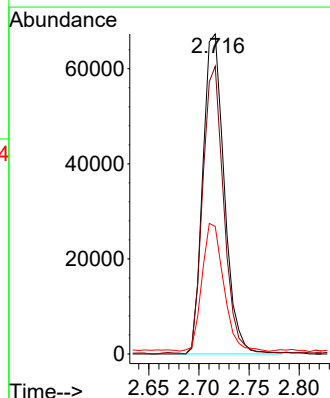
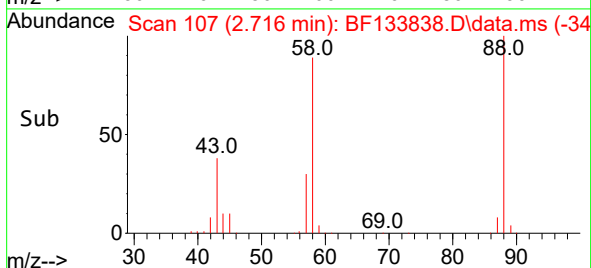
Tgt Ion:152 Resp: 96290
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.3 186.5
 115 62.8 48.5 72.7

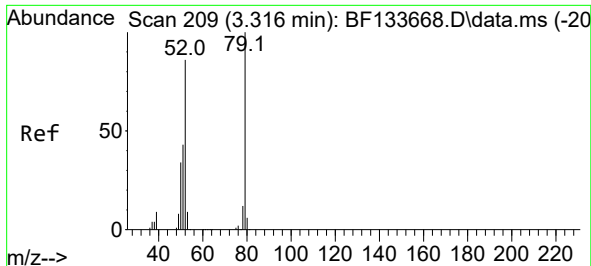


#2
 1,4-Dioxane
 Concen: 41.180 ng
 RT: 2.716 min Scan# 107
 Delta R.T. 0.076 min
 Lab File: BF133838.D
 Acq: 19 Jun 2023 17:40



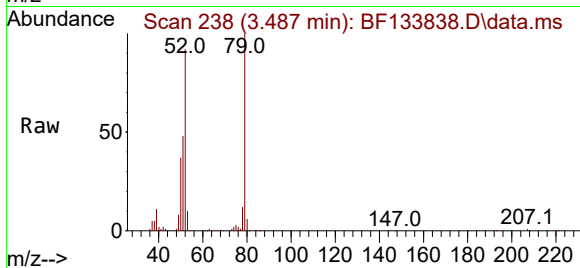
Tgt Ion: 88 Resp: 100135
 Ion Ratio Lower Upper
 88 100
 58 87.3 67.8 101.6
 43 40.3 29.8 44.6



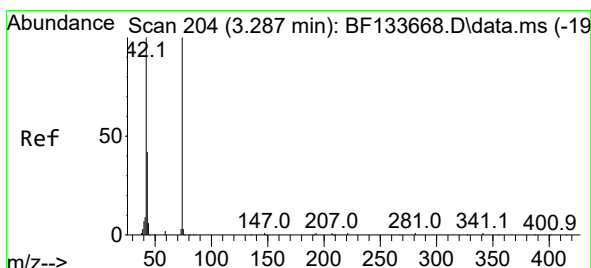
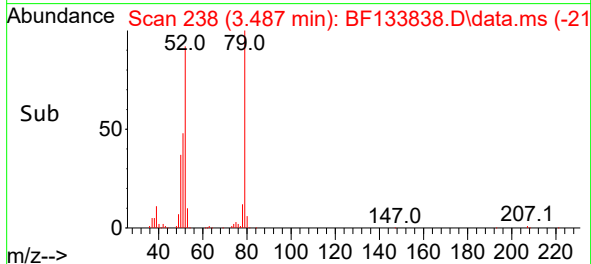
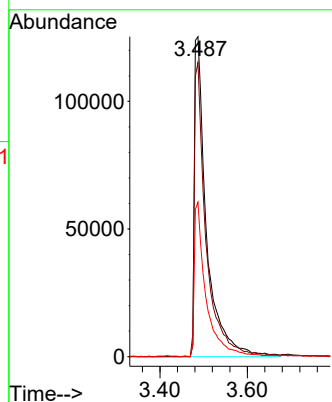


#3
Pyridine
Concen: 34.361 ng
RT: 3.487 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

Instrument :
BNA_F
ClientSampleId :

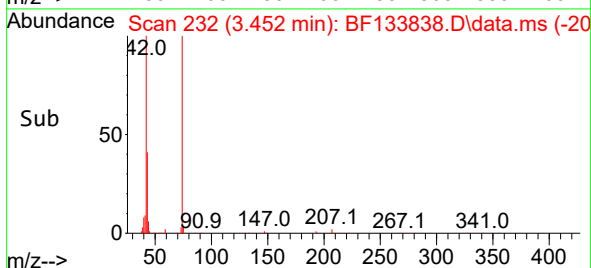
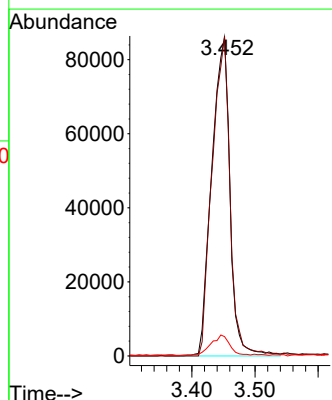
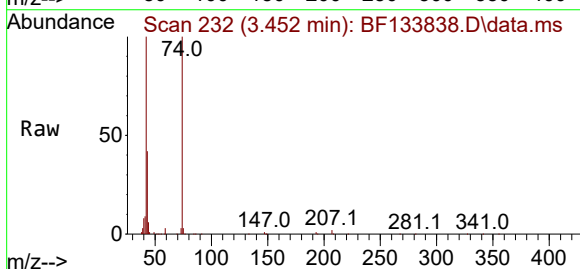


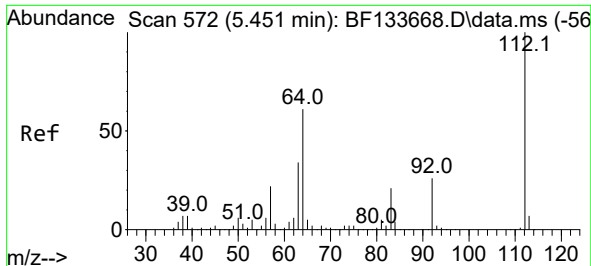
Tgt Ion: 79 Resp: 243536
Ion Ratio Lower Upper
79 100
52 92.0 68.6 102.8
51 48.3 34.8 52.2



#4
n-Nitrosodimethylamine
Concen: 44.093 ng
RT: 3.452 min Scan# 232
Delta R.T. 0.065 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

Tgt Ion: 42 Resp: 172747
Ion Ratio Lower Upper
42 100
74 100.4 79.8 119.8
44 6.1 4.7 7.1

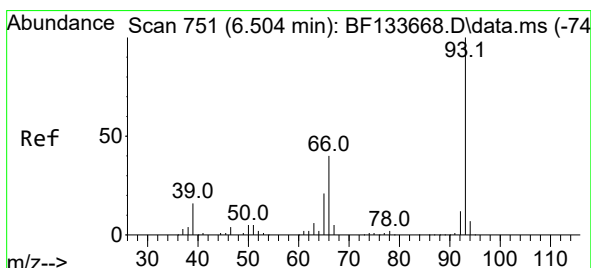
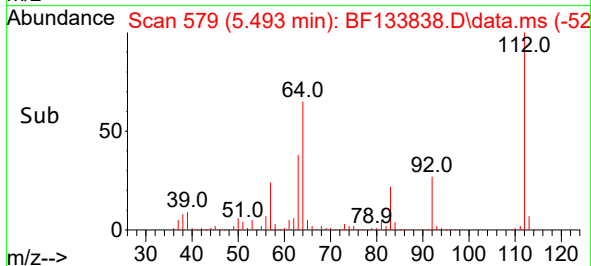
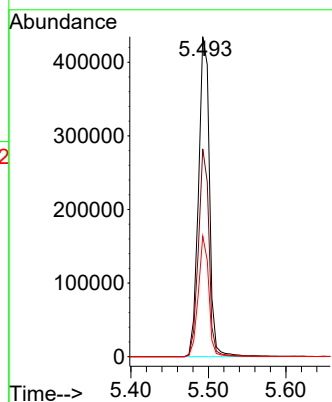
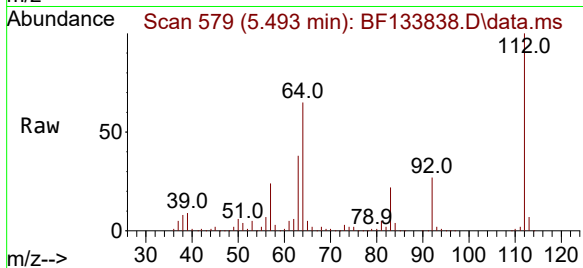




#5
2-Fluorophenol
Concen: 77.431 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

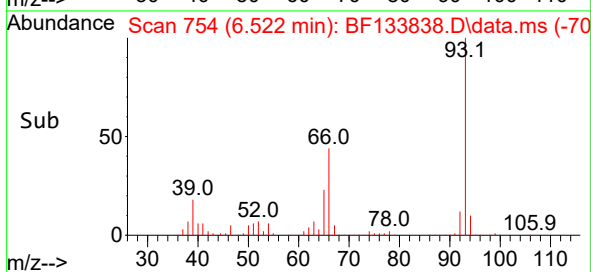
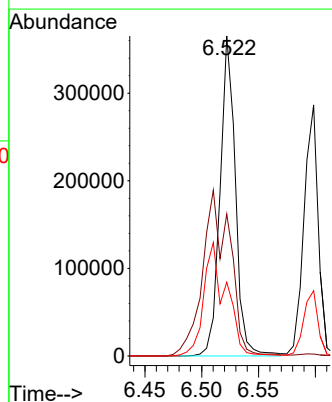
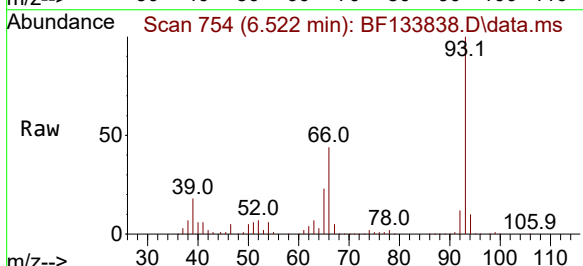
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ClientSampleId :

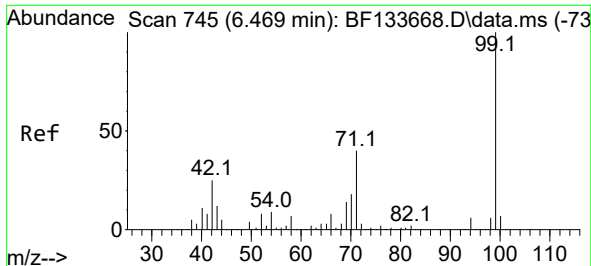
Tgt Ion:112 Resp: 428272
Ion Ratio Lower Upper
112 100
64 65.0 49.0 73.4
63 37.7 26.8 40.2



#6
Aniline
Concen: 38.015 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

Tgt Ion: 93 Resp: 344720
Ion Ratio Lower Upper
93 100
66 44.4 34.4 51.6
65 23.1 17.5 26.3

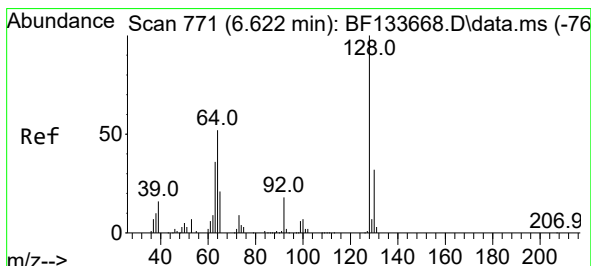
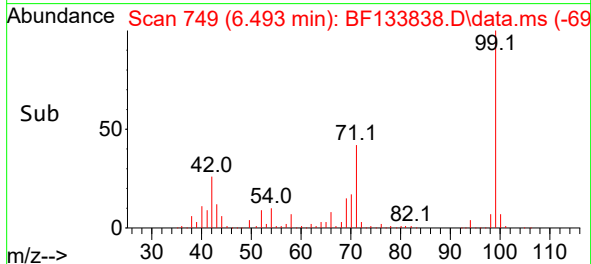
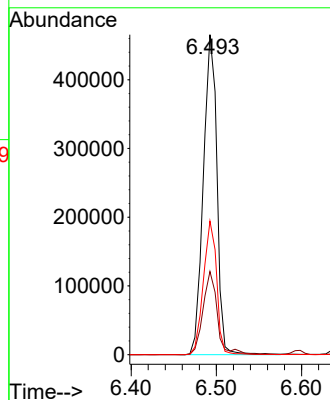
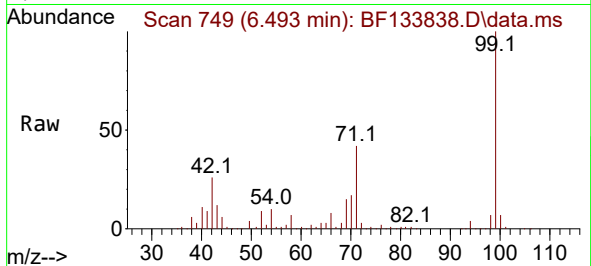




#7
Phenol-d6
Concen: 71.555 ng
RT: 6.493 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

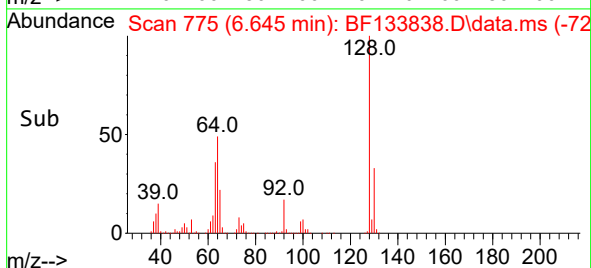
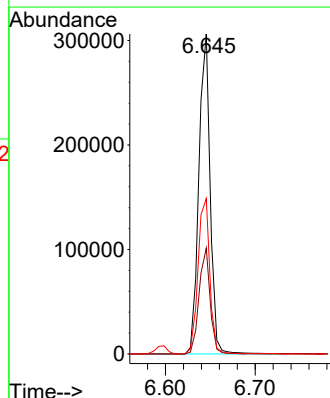
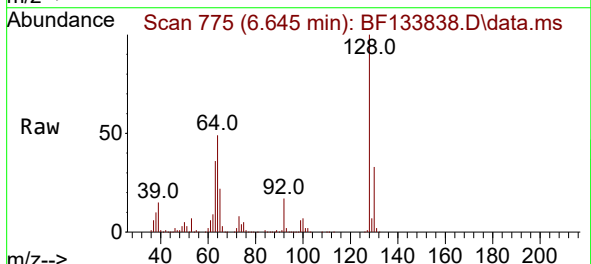
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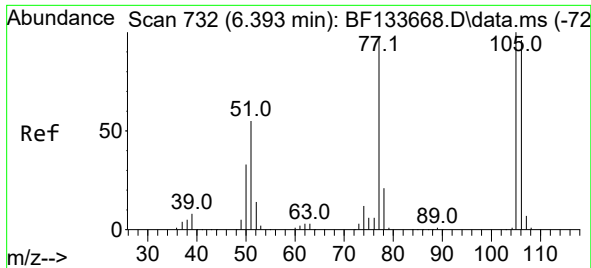
Tgt Ion: 99 Resp: 515163
Ion Ratio Lower Upper
99 100
42 26.0 19.9 29.9
71 41.7 32.2 48.4



#8
2-Chlorophenol
Concen: 46.047 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

Tgt Ion: 128 Resp: 268399
Ion Ratio Lower Upper
128 100
130 33.1 12.3 52.3
64 48.6 33.1 73.1

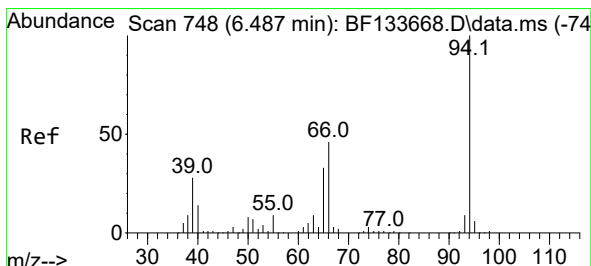
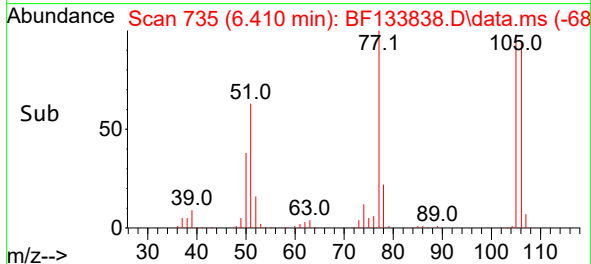
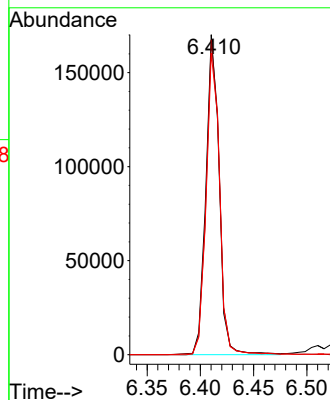
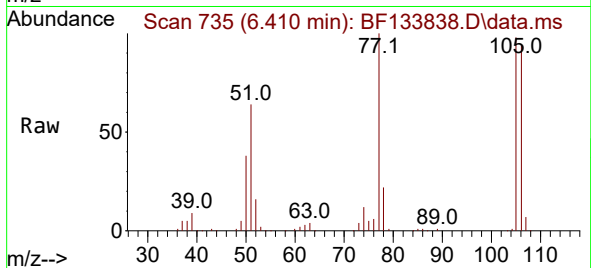




#9
Benzaldehyde
Concen: 30.897 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

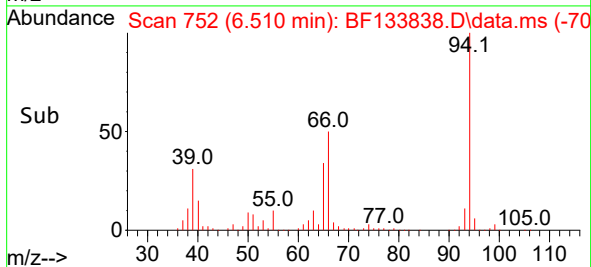
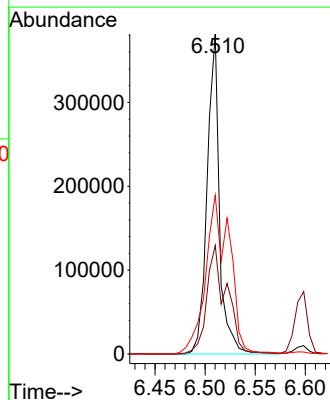
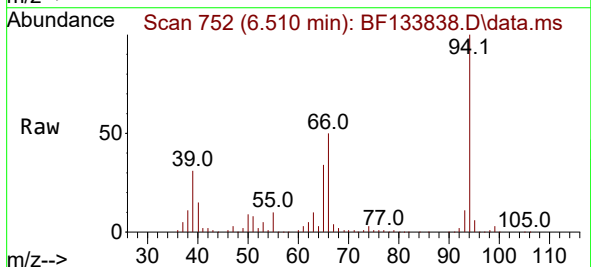
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ClientSampleId :

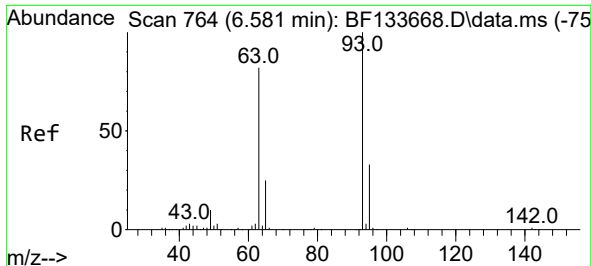
Tgt Ion: 77 Resp: 147583
Ion Ratio Lower Upper
77 100
105 98.4 82.0 122.0
106 94.2 77.6 117.6



#10
Phenol
Concen: 43.886 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

Tgt Ion: 94 Resp: 329922
Ion Ratio Lower Upper
94 100
65 33.9 13.2 53.2
66 49.6 26.1 66.1

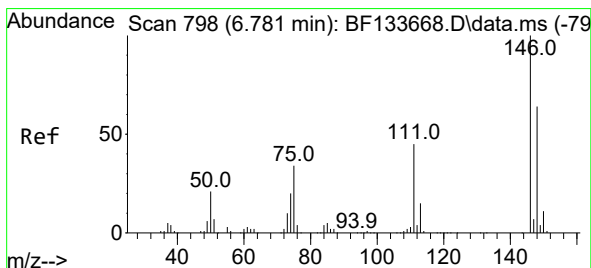
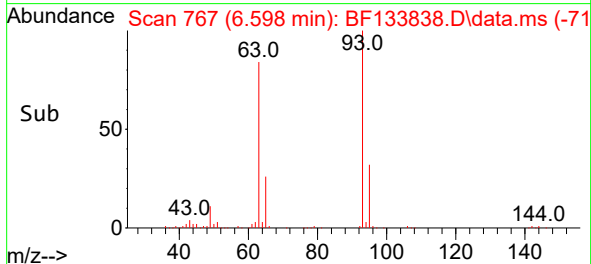
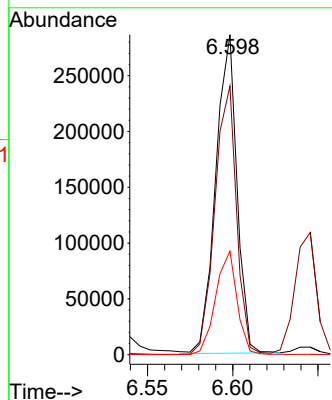
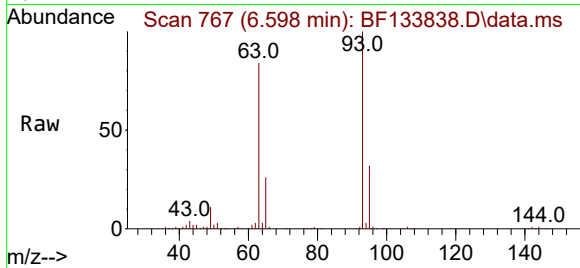




#11
bis(2-Chloroethyl)ether
Concen: 44.320 ng
RT: 6.598 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

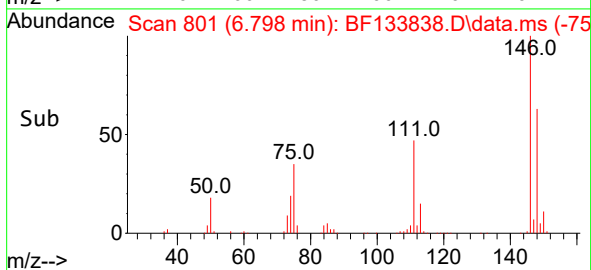
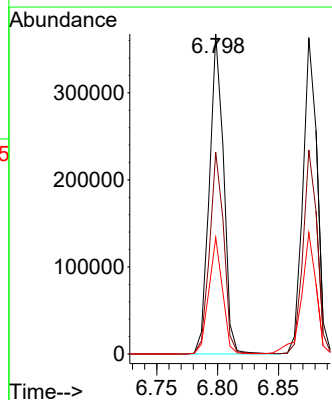
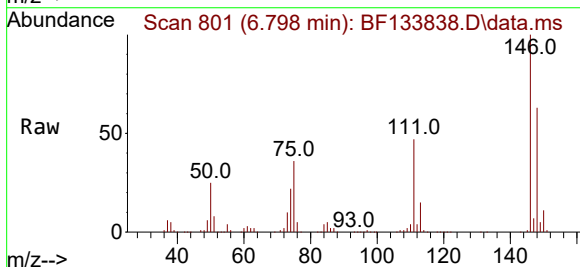
Instrument :
BNA_F
ClientSampleId :

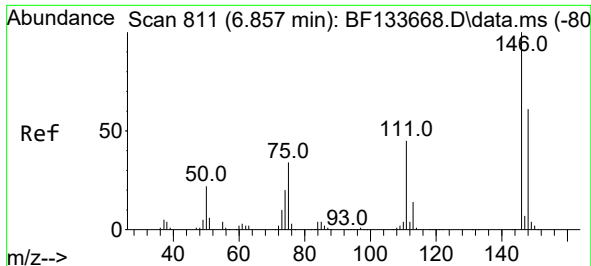
Tgt Ion: 93 Resp: 247357
Ion Ratio Lower Upper
93 100
63 83.9 62.1 102.1
95 32.4 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 48.114 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

Tgt Ion:146 Resp: 299647
Ion Ratio Lower Upper
146 100
148 63.0 50.9 76.3
75 36.4 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 47.447 ng

RT: 6.875 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

Instrument :

BNA_F

ClientSampleId :

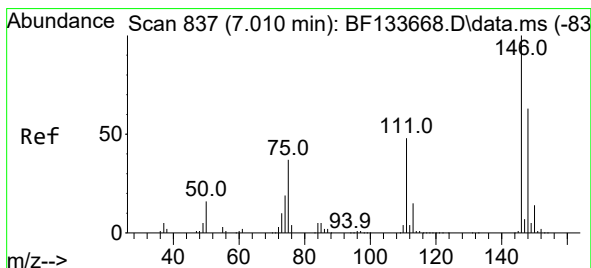
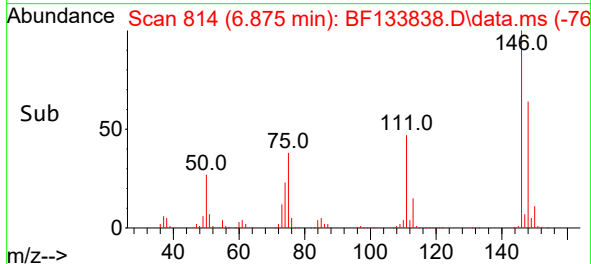
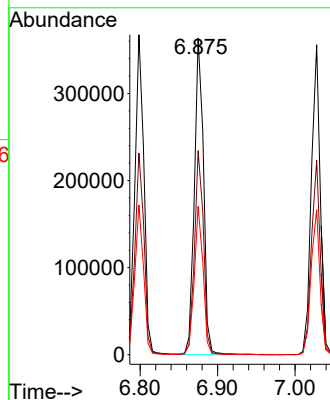
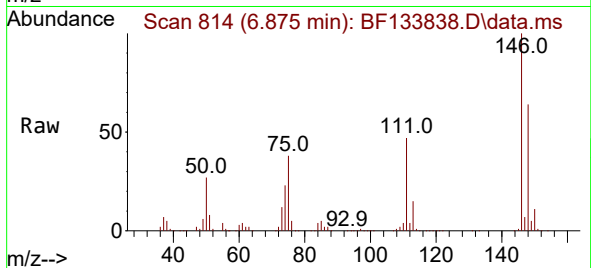
Tgt Ion:146 Resp: 298660

Ion Ratio Lower Upper

146 100

148 64.5 48.9 73.3

111 46.9 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 50.399 ng

RT: 7.028 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

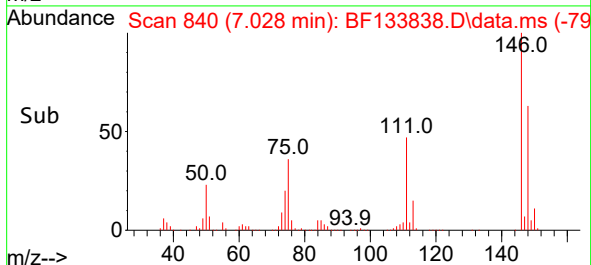
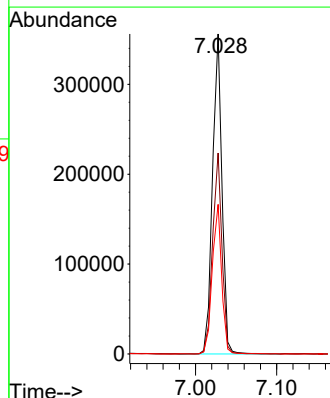
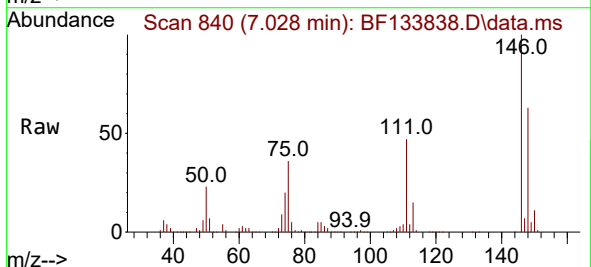
Tgt Ion:146 Resp: 286654

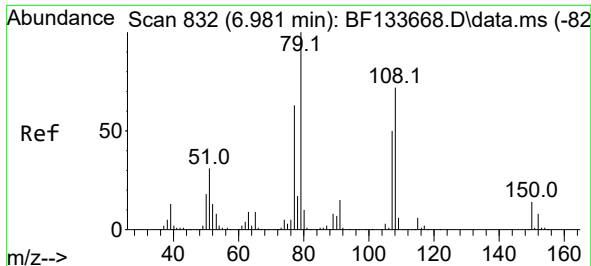
Ion Ratio Lower Upper

146 100

148 62.8 50.6 75.8

111 46.8 38.7 58.1

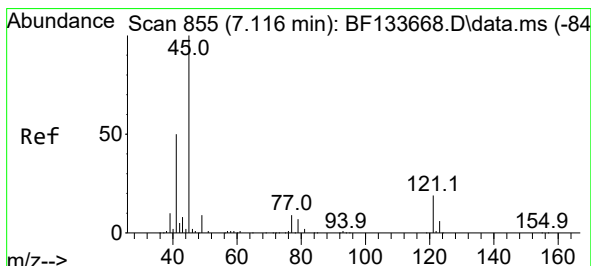
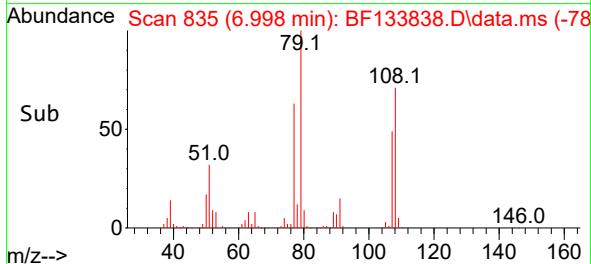
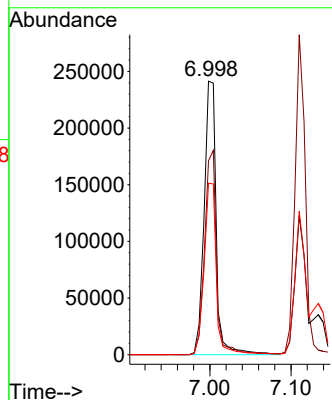
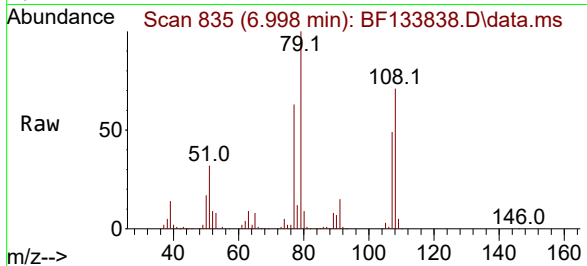




#15
Benzyl Alcohol
Concen: 44.318 ng
RT: 6.998 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

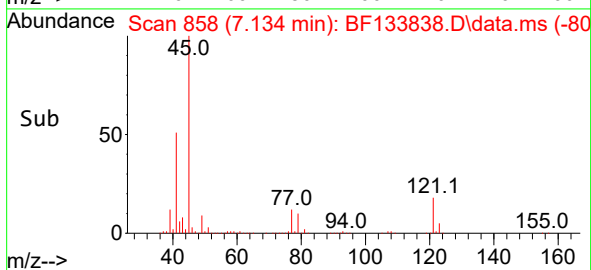
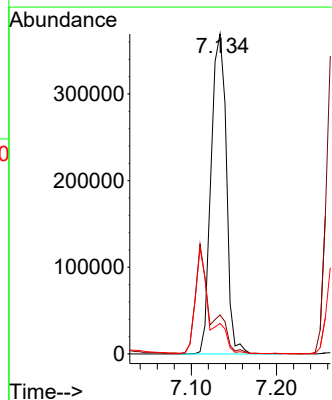
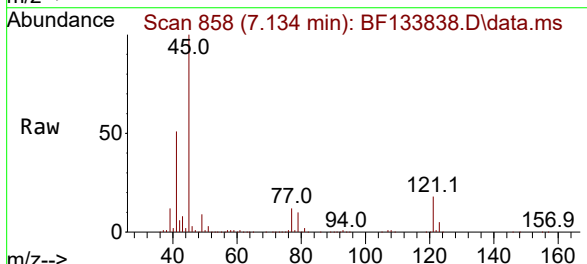
Instrument :
BNA_F
ClientSampleId :

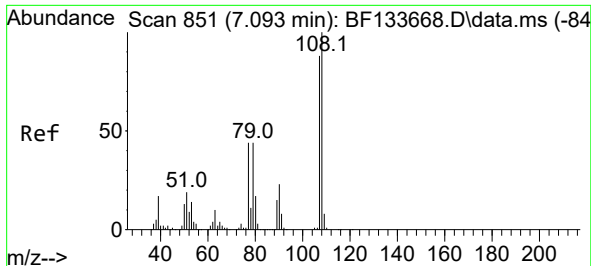
Tgt Ion: 79 Resp: 249205
Ion Ratio Lower Upper
79 100
108 70.9 57.9 86.9
77 62.8 50.4 75.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 48.485 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

Tgt Ion: 45 Resp: 458708
Ion Ratio Lower Upper
45 100
77 12.2 0.0 32.3
79 9.6 0.0 29.4





#17

2-Methylphenol

Concen: 40.711 ng

RT: 7.110 min Scan# 81

Delta R.T. -0.006 min

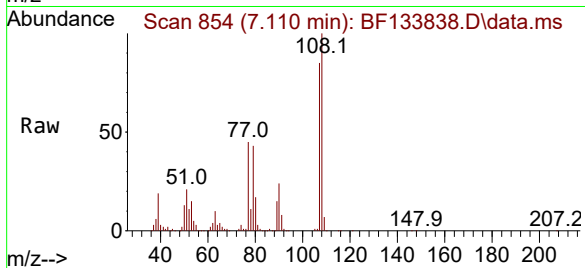
Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:107 Resp: 210330

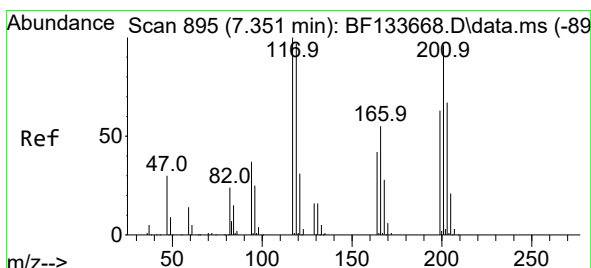
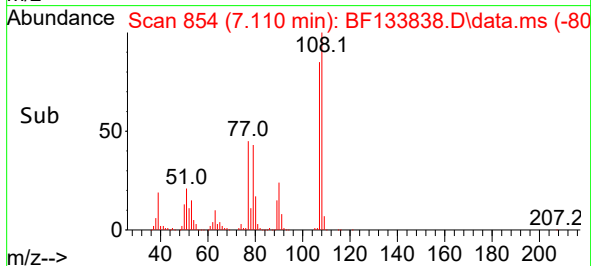
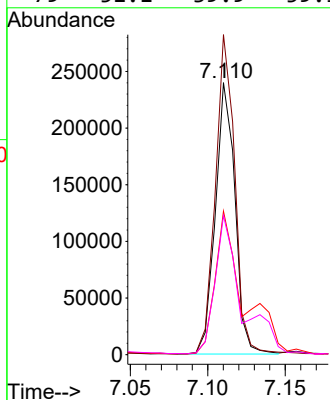
Ion Ratio Lower Upper

107 100

108 117.6 90.9 136.3

77 52.7 39.8 59.6

79 51.1 39.9 59.9



#18

Hexachloroethane

Concen: 53.796 ng

RT: 7.369 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

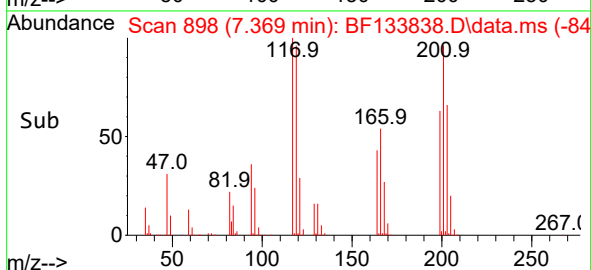
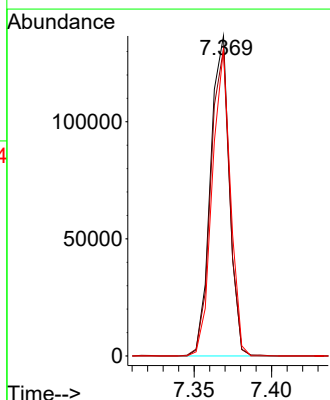
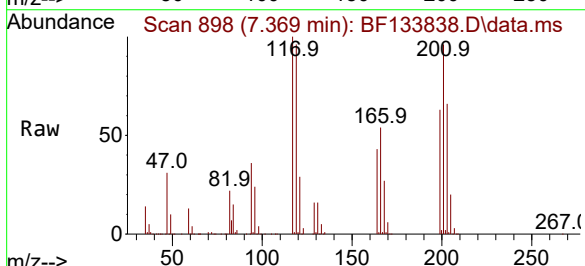
Tgt Ion:117 Resp: 115925

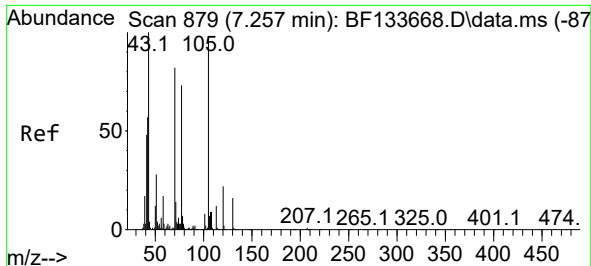
Ion Ratio Lower Upper

117 100

119 95.8 77.3 115.9

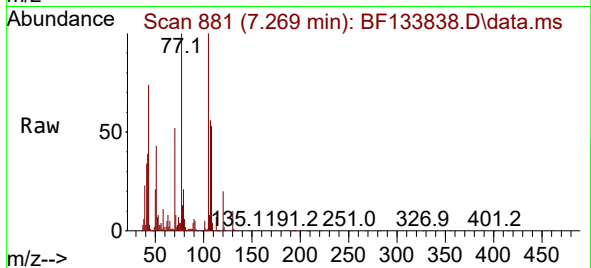
201 96.2 76.8 115.2





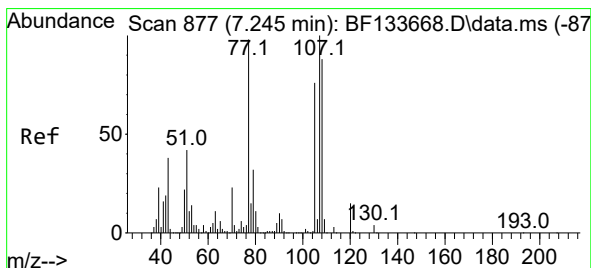
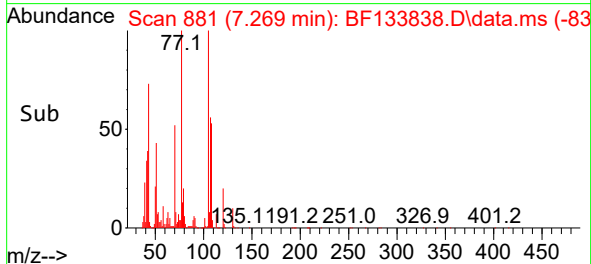
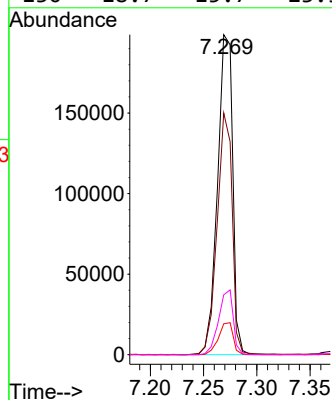
#19
n-Nitroso-di-n-propylamine
Concen: 42.852 ng
RT: 7.269 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 70 Resp: 196292

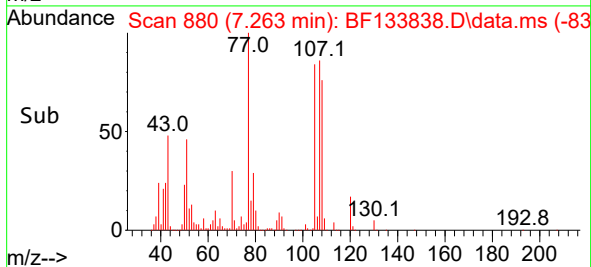
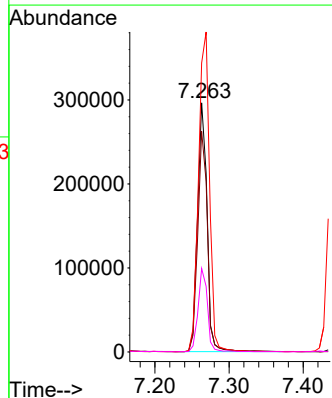
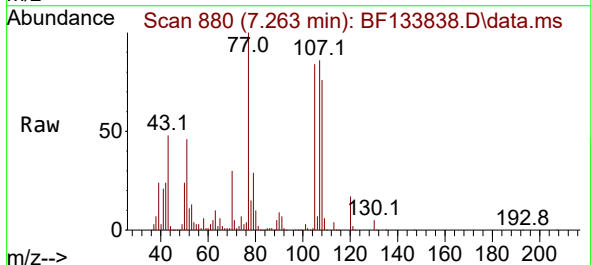
Ion	Ratio	Lower	Upper
70	100		
42	75.5	55.8	83.8
101	9.6	8.1	12.1
130	18.7	15.7	23.5

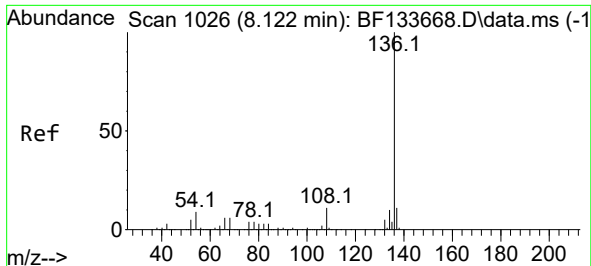


#20
3+4-Methylphenols
Concen: 39.163 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

Tgt Ion: 107 Resp: 263213

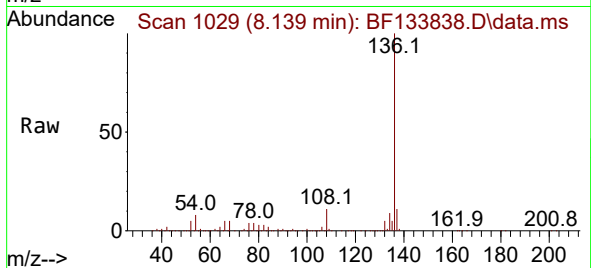
Ion	Ratio	Lower	Upper
107	100		
108	88.6	67.9	107.9
77	116.0	77.7	117.7
79	33.5	11.7	51.7



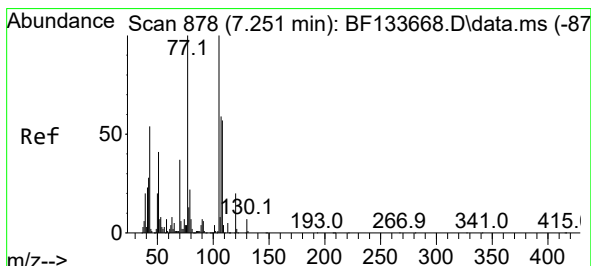
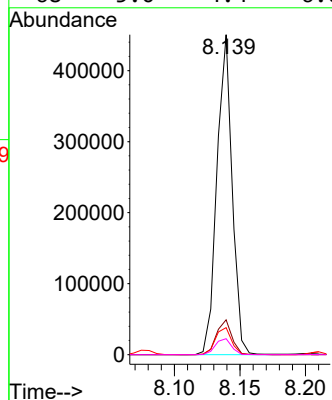
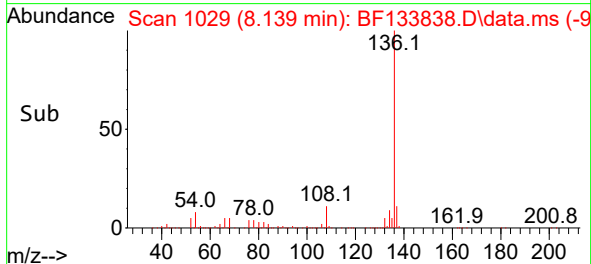


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

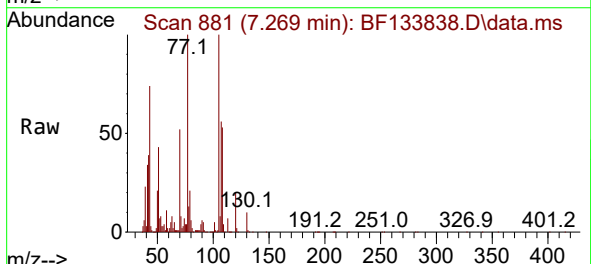
Instrument :
BNA_F
ClientSampleId :



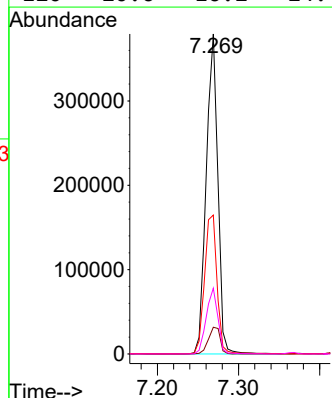
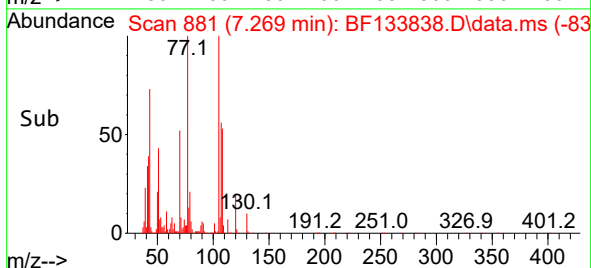
Tgt Ion:136 Resp: 363699
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.4 7.4 11.0
68 5.0 4.4 6.6

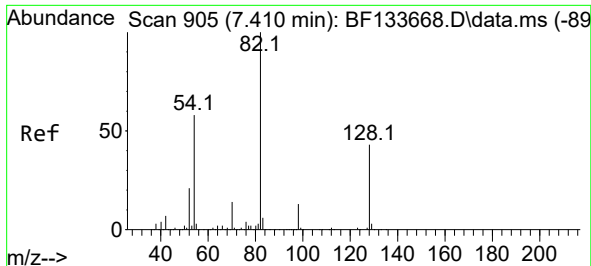


#22
Acetophenone
Concen: 45.173 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40



Tgt Ion:105 Resp: 376815
Ion Ratio Lower Upper
105 100
71 8.4 4.8 7.2#
51 43.4 33.0 49.4
120 20.6 16.2 24.4





#23

Nitrobenzene-d5

Concen: 53.005 ng

RT: 7.422 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

Instrument :

BNA_F

ClientSampleId :

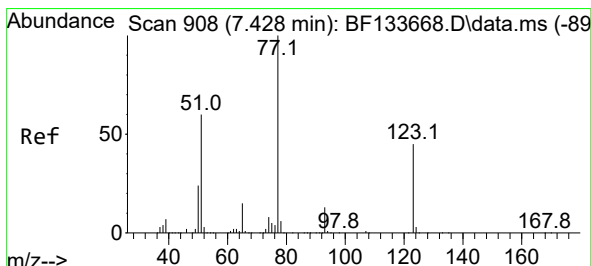
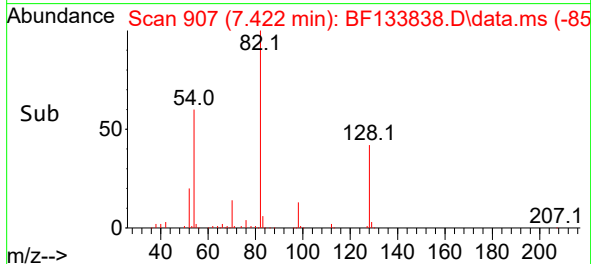
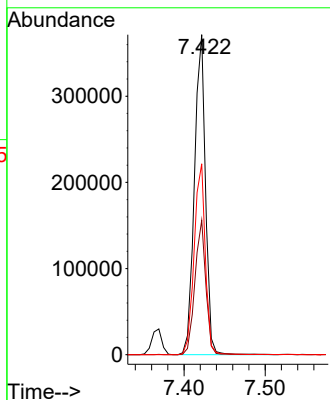
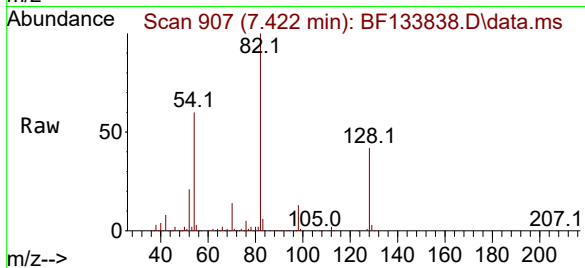
Tgt Ion: 82 Resp: 353937

Ion Ratio Lower Upper

82 100

128 42.0 34.2 51.2

54 59.7 46.5 69.7



#24

Nitrobenzene

Concen: 43.726 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

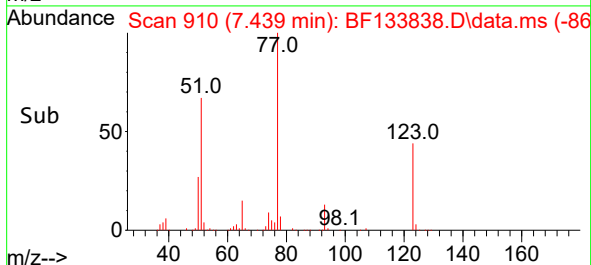
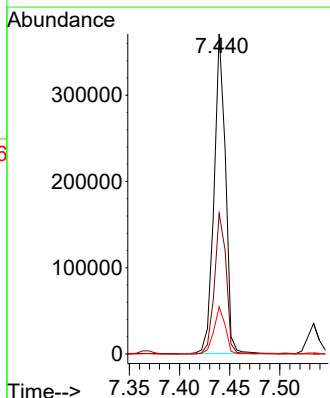
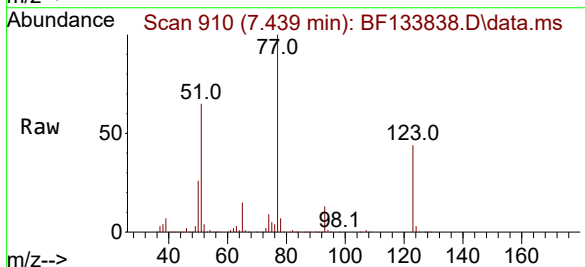
Tgt Ion: 77 Resp: 294001

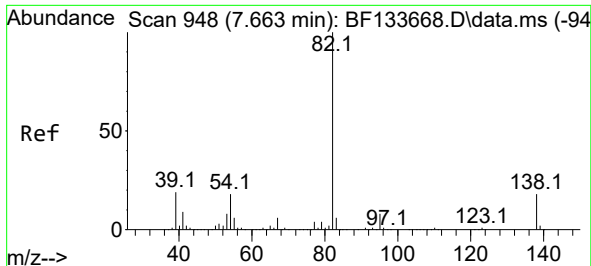
Ion Ratio Lower Upper

77 100

123 43.9 35.8 53.8

65 14.7 11.6 17.4

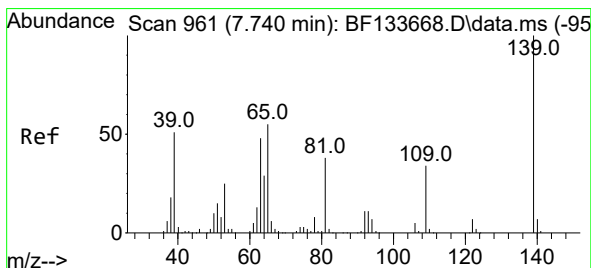
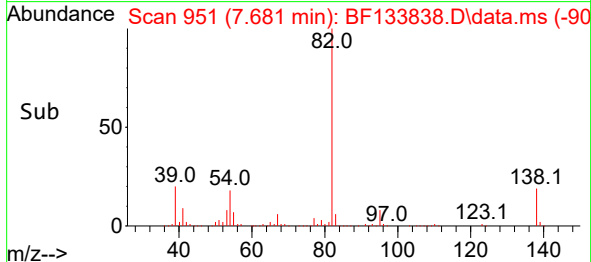
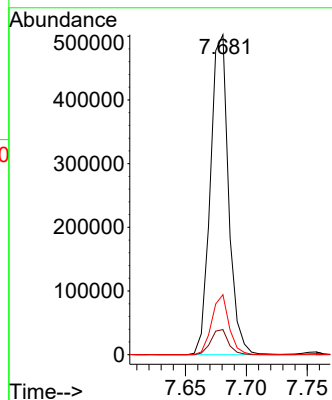
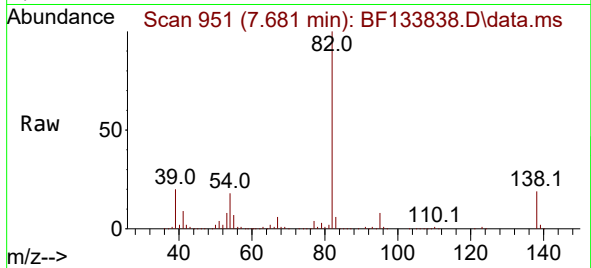




#25
Isophorone
Concen: 42.528 ng
RT: 7.681 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

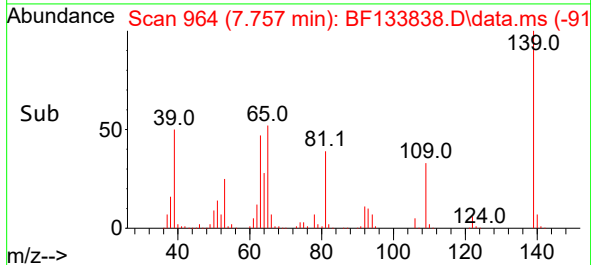
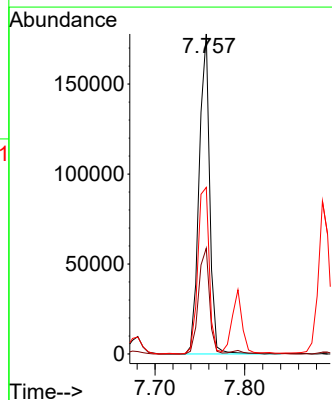
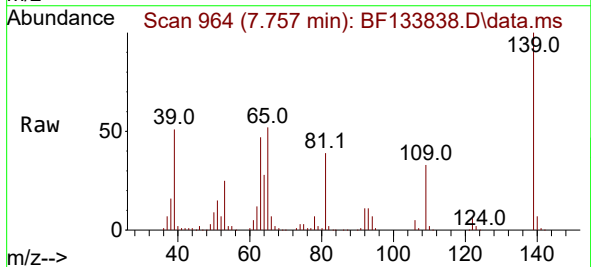
Instrument :
BNA_F
ClientSampleId :

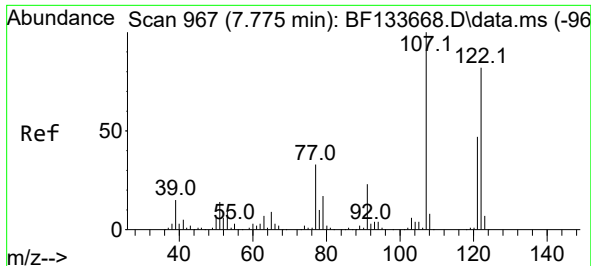
Tgt Ion: 82 Resp: 521351
Ion Ratio Lower Upper
82 100
95 7.8 6.0 9.0
138 18.8 14.2 21.2



#26
2-Nitrophenol
Concen: 48.231 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

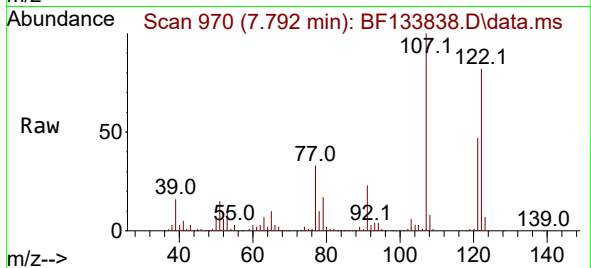
Tgt Ion:139 Resp: 145540
Ion Ratio Lower Upper
139 100
109 33.0 27.0 40.6
65 52.1 44.2 66.4



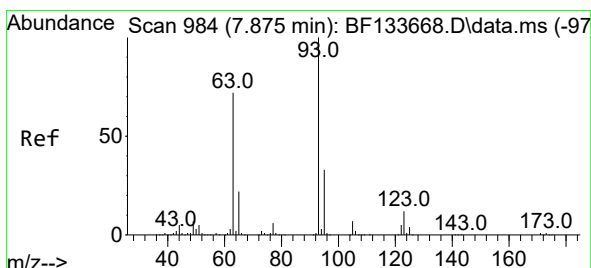
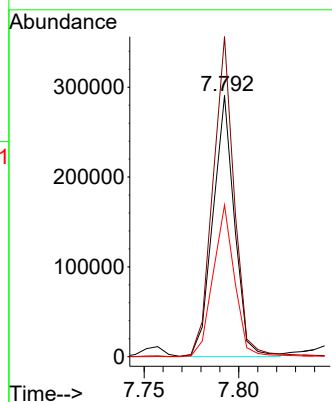
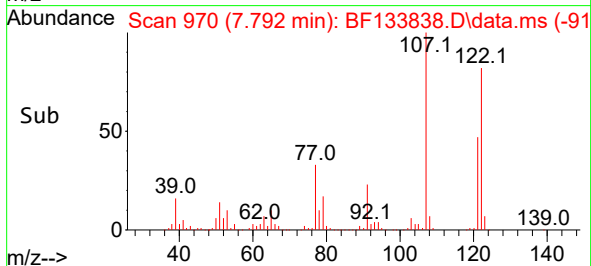


#27
2,4-Dimethylphenol
Concen: 44.316 ng
RT: 7.792 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

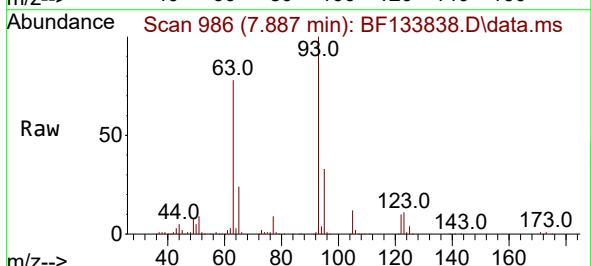
Instrument :
BNA_F
ClientSampleId :



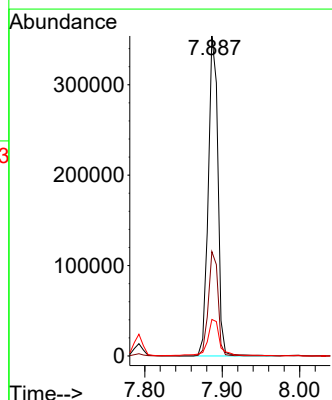
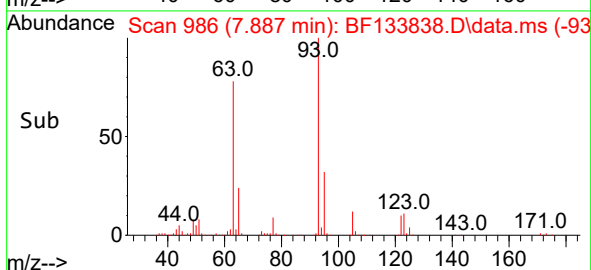
Tgt Ion:122 Resp: 230491
Ion Ratio Lower Upper
122 100
107 122.5 97.8 146.6
121 58.1 46.1 69.1

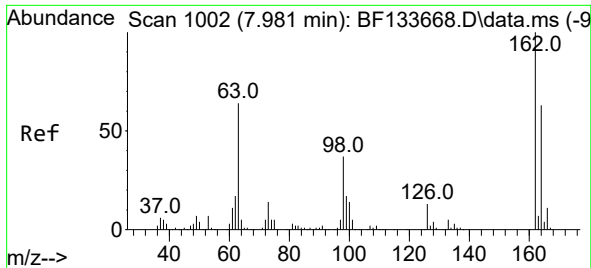


#28
bis(2-Chloroethoxy)methane
Concen: 43.194 ng
RT: 7.887 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40



Tgt Ion: 93 Resp: 306040
Ion Ratio Lower Upper
93 100
95 32.6 26.4 39.6
123 11.4 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.797 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

Instrument :

BNA_F

ClientSampleId :

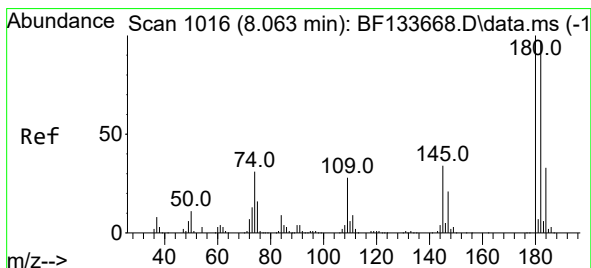
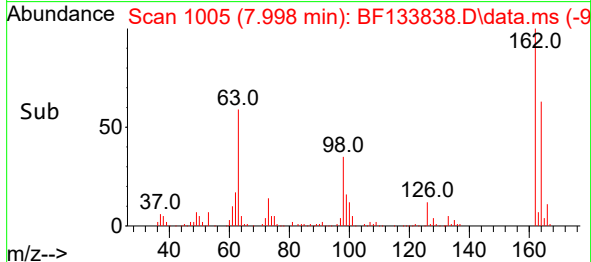
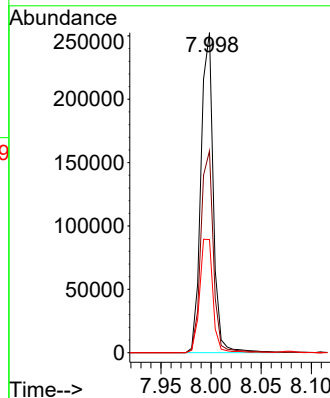
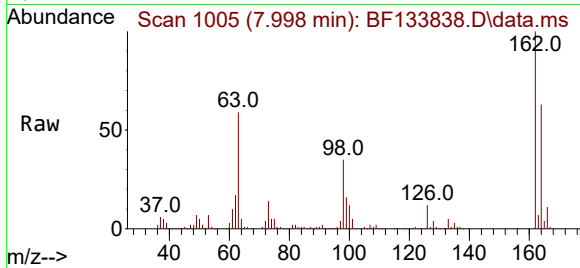
Tgt Ion:162 Resp: 218157

Ion Ratio Lower Upper

162 100

164 63.1 43.4 83.4

98 35.4 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 45.082 ng

RT: 8.081 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

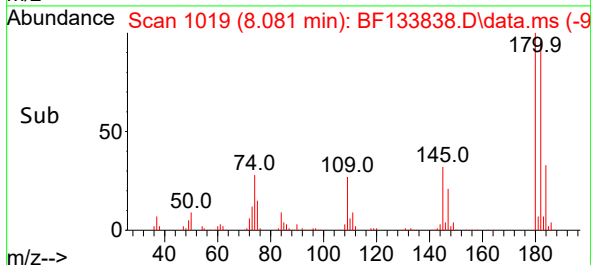
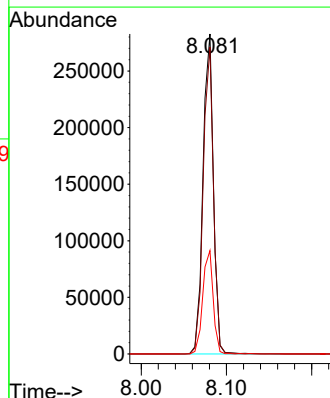
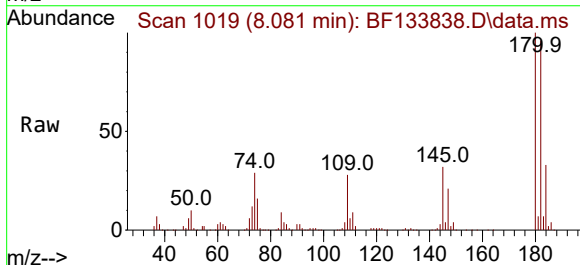
Tgt Ion:180 Resp: 239760

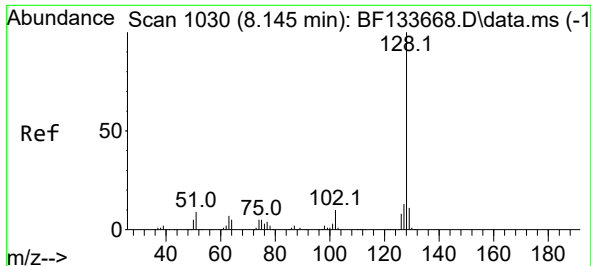
Ion Ratio Lower Upper

180 100

182 95.9 77.8 116.8

145 32.3 27.0 40.4

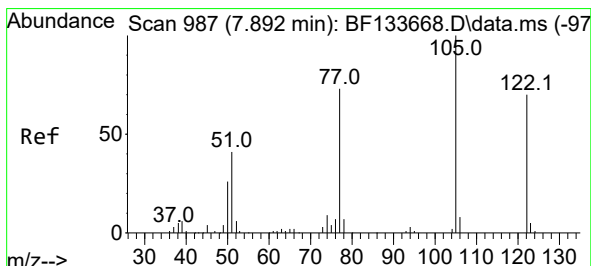
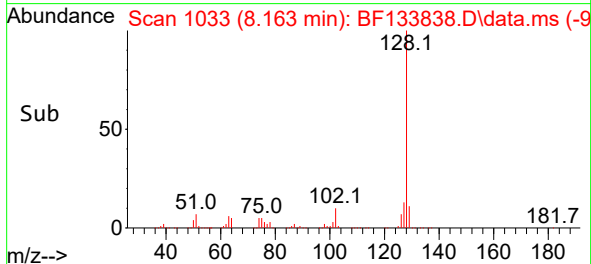
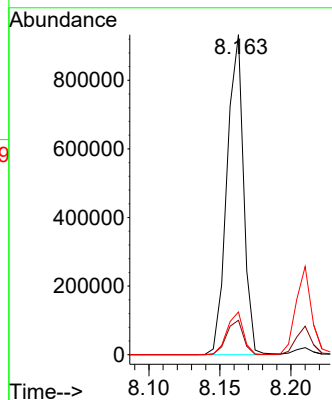
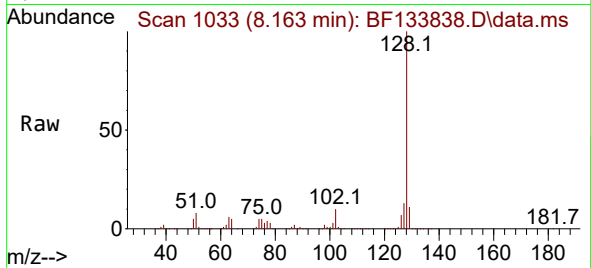




#31
Naphthalene
Concen: 42.755 ng
RT: 8.163 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

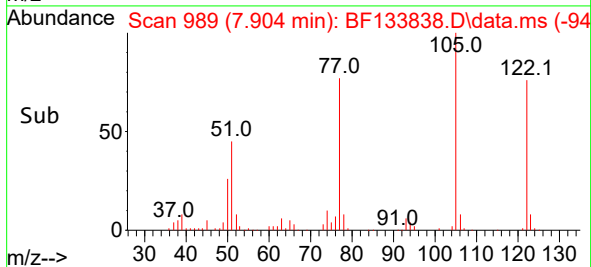
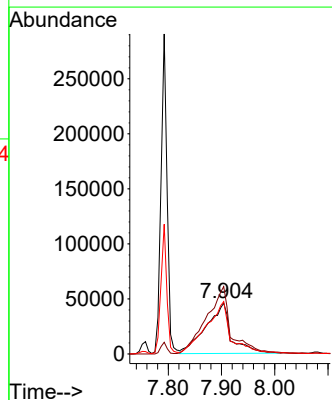
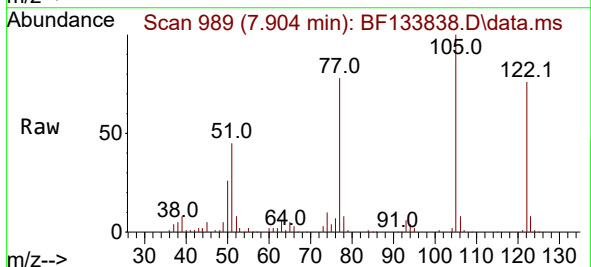
Instrument :
BNA_F
ClientSampleId :

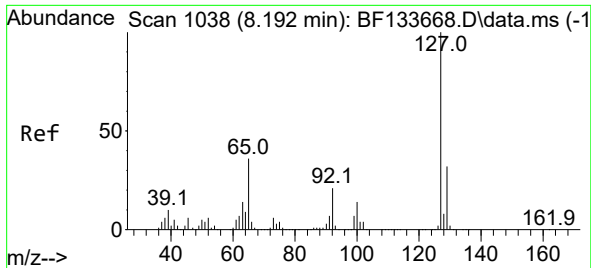
Tgt Ion:128 Resp: 757591
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 45.884 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

Tgt Ion:122 Resp: 150509
Ion Ratio Lower Upper
122 100
105 132.2 116.3 156.3
77 102.6 82.4 122.4

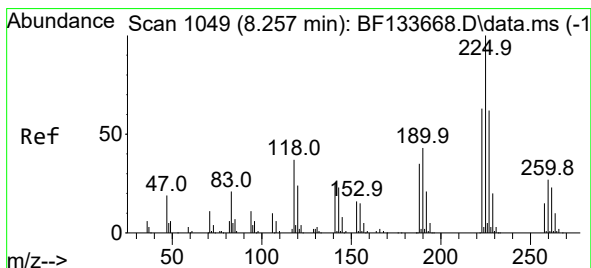
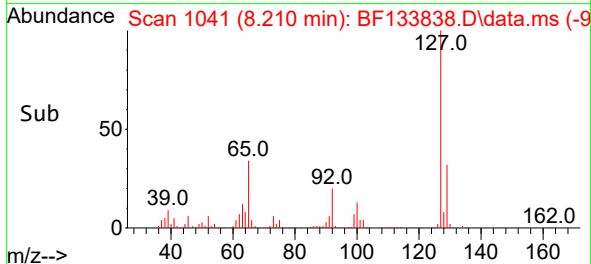
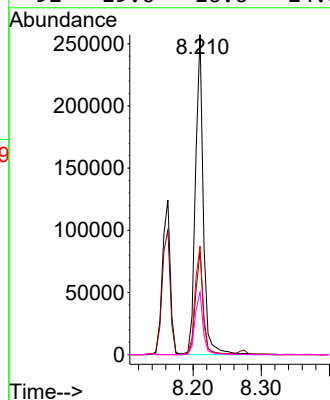
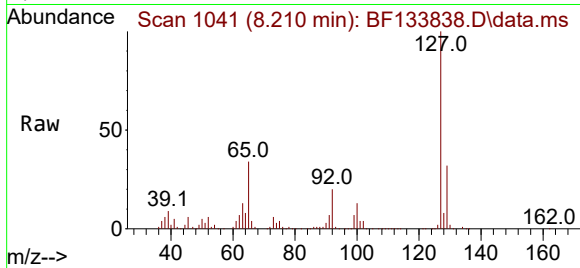




#33
4-Chloroaniline
Concen: 27.380 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

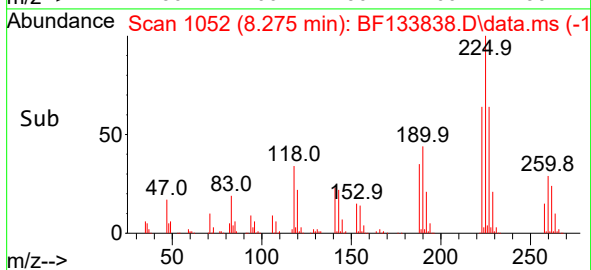
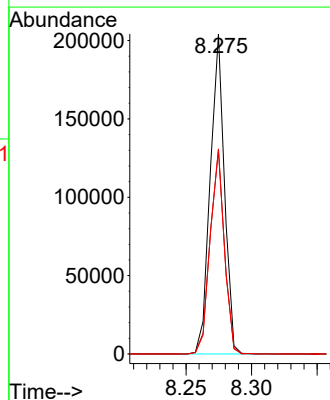
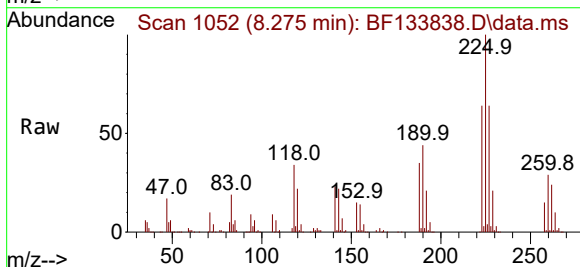
Instrument :
BNA_F
ClientSampleId :

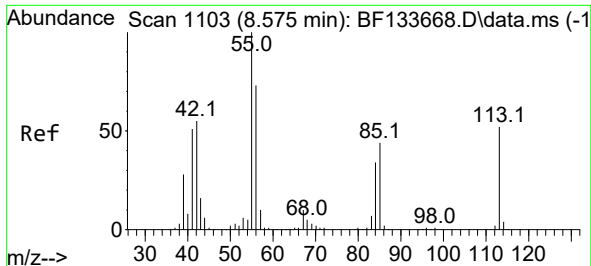
Tgt	Ion:127	Resp:	207442
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.6	38.4
65	33.9	28.9	43.3
92	19.6	16.6	24.8



#34
Hexachlorobutadiene
Concen: 44.189 ng
RT: 8.275 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

Tgt	Ion:225	Resp:	153867
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.2	75.4
227	64.1	49.5	74.3

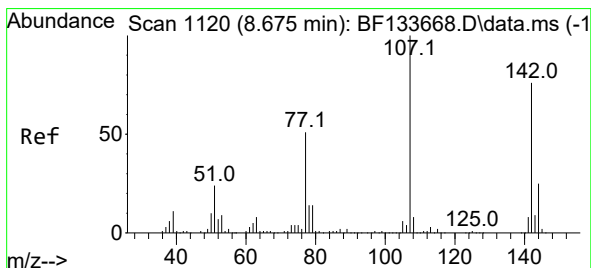
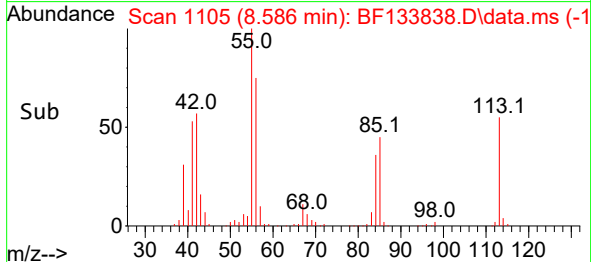
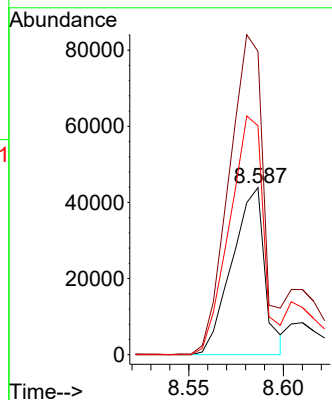
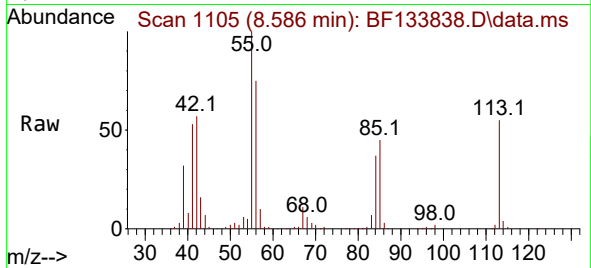




#35
 Caprolactam
 Concen: 30.760 ng
 RT: 8.586 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: BF133838.D
 Acq: 19 Jun 2023 17:40

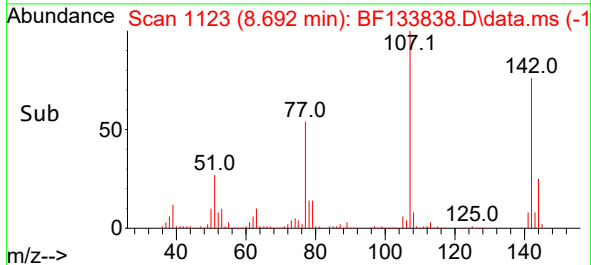
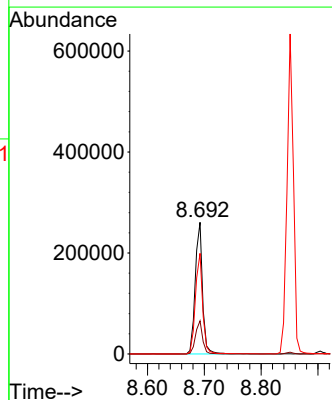
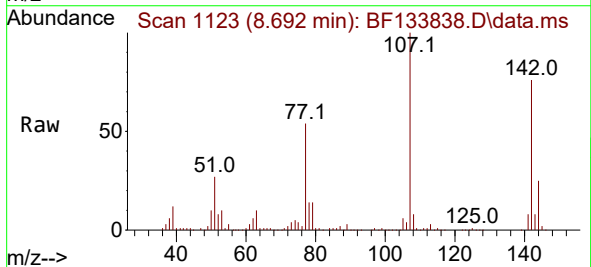
Instrument :
 BNA_F
 ClientSampleId :

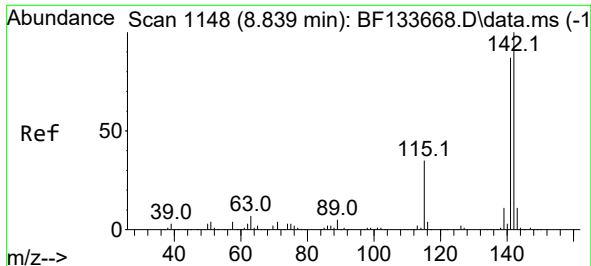
Tgt Ion:113 Resp: 52761
 Ion Ratio Lower Upper
 113 100
 55 181.6 173.3 213.3
 56 137.1 120.5 160.5



#36
 4-Chloro-3-methylphenol
 Concen: 39.916 ng
 RT: 8.692 min Scan# 1123
 Delta R.T. 0.000 min
 Lab File: BF133838.D
 Acq: 19 Jun 2023 17:40

Tgt Ion:107 Resp: 234529
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.7 29.5
 142 76.4 61.1 91.7





#37

2-Methylnaphthalene

Concen: 40.782 ng

RT: 8.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

Instrument :

BNA_F

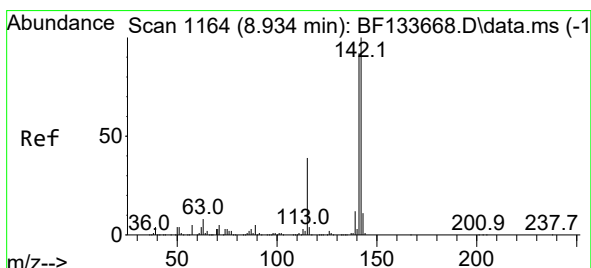
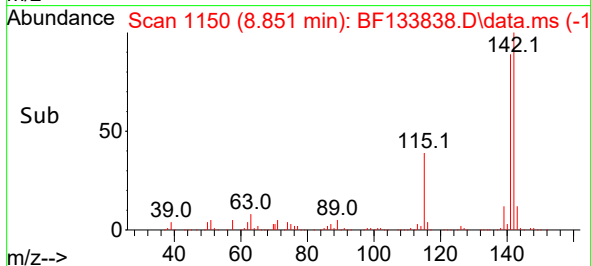
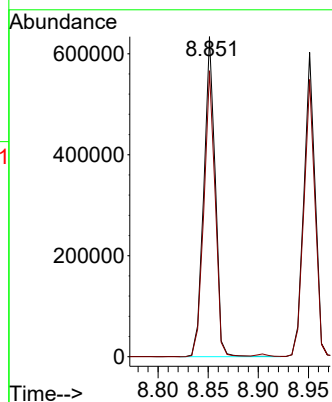
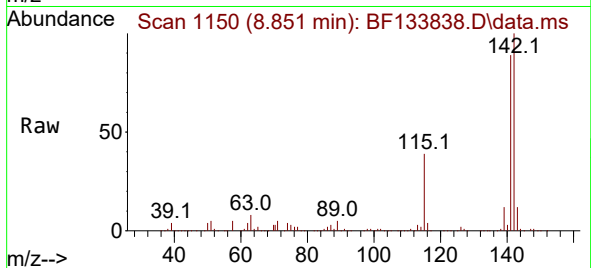
ClientSampleId :

Tgt Ion:142 Resp: 502098

Ion Ratio Lower Upper

142 100

141 89.3 69.8 104.8



#38

1-Methylnaphthalene

Concen: 41.014 ng

RT: 8.951 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF133838.D

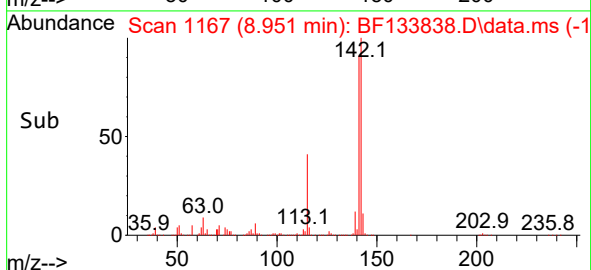
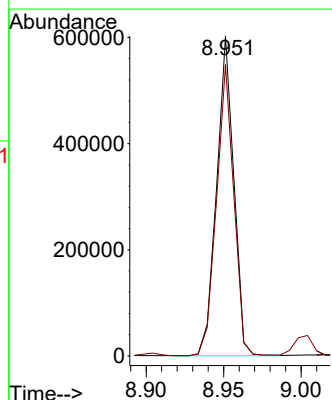
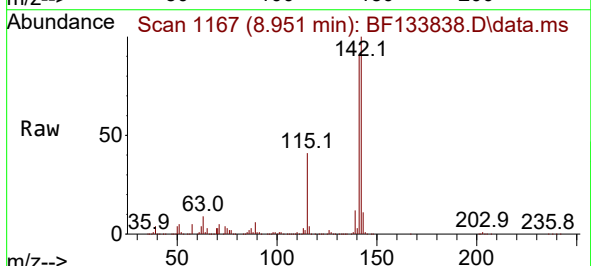
Acq: 19 Jun 2023 17:40

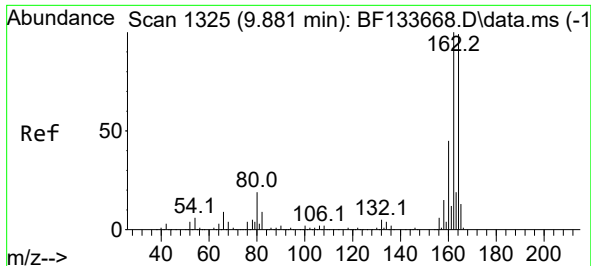
Tgt Ion:142 Resp: 464652

Ion Ratio Lower Upper

142 100

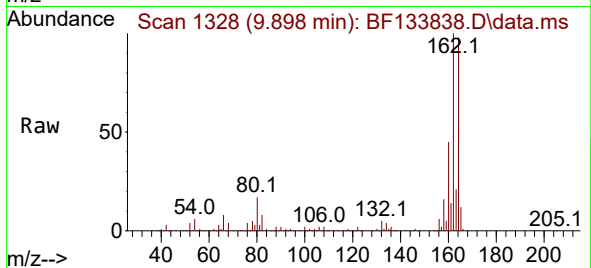
141 91.0 73.4 110.0



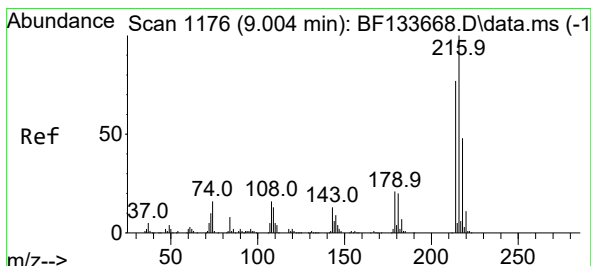
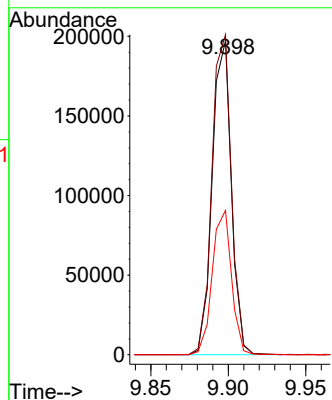
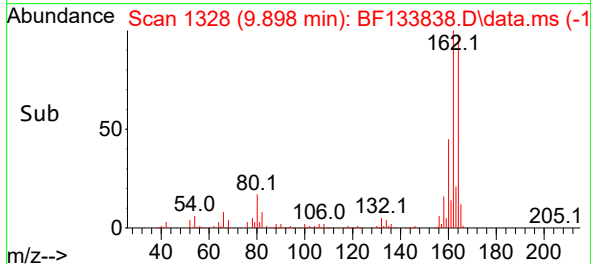


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

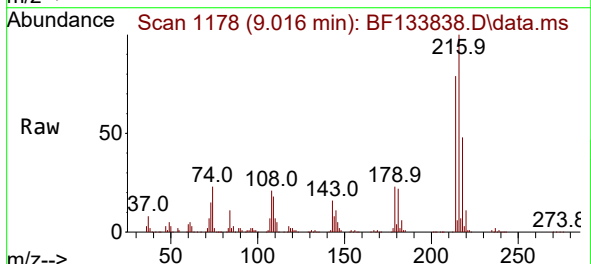
Instrument :
BNA_F
ClientSampleId :



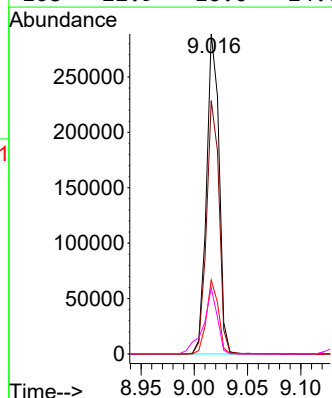
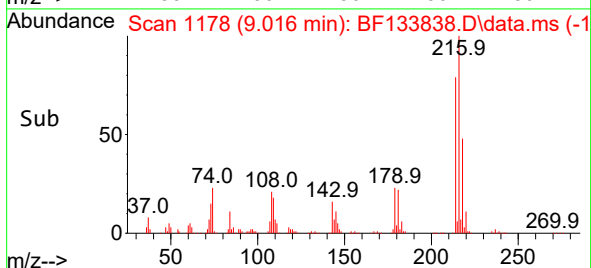
Tgt Ion:164 Resp: 168484
Ion Ratio Lower Upper
164 100
162 101.9 80.8 121.2
160 46.0 36.7 55.1

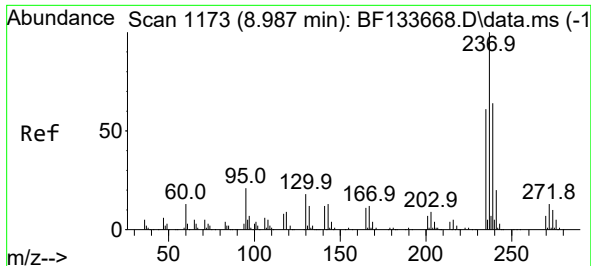


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.449 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40



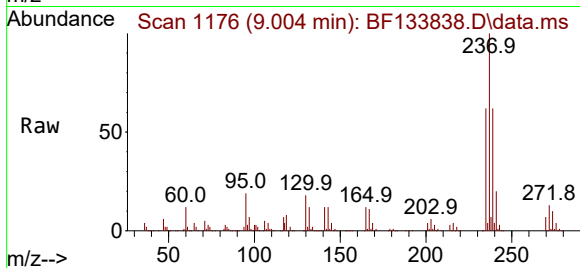
Tgt Ion:216 Resp: 237916
Ion Ratio Lower Upper
216 100
214 79.3 62.7 94.1
179 21.8 17.6 26.4
108 22.9 16.0 24.0



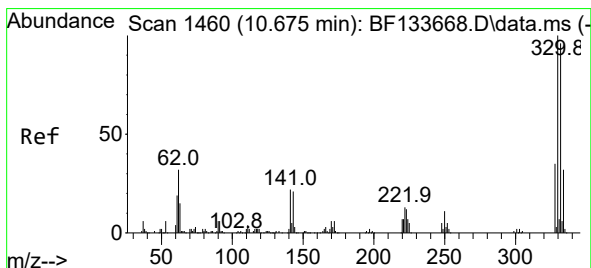
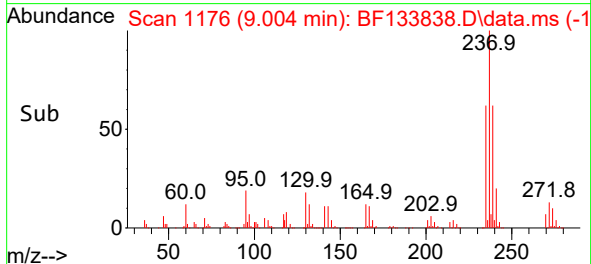
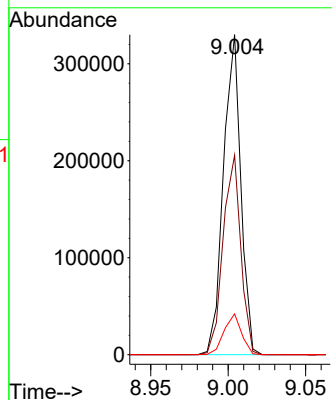


#41
Hexachlorocyclopentadiene
Concen: 112.849 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

Instrument :
BNA_F
ClientSampleId :

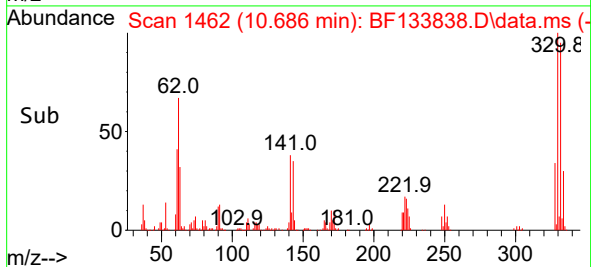
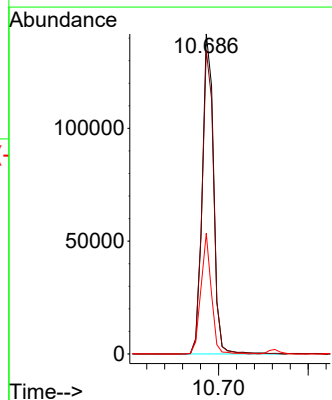
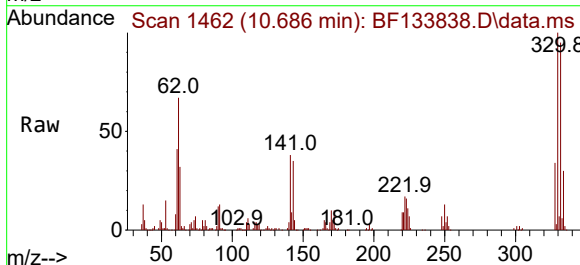


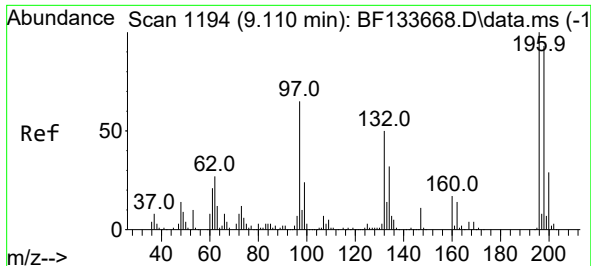
Tgt Ion:237 Resp: 257584
Ion Ratio Lower Upper
237 100
235 62.3 40.6 80.6
272 12.8 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 58.201 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

Tgt Ion:330 Resp: 124126
Ion Ratio Lower Upper
330 100
332 96.5 77.2 115.8
141 34.6 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 43.702 ng

RT: 9.128 min Scan# 1194

Delta R.T. -0.006 min

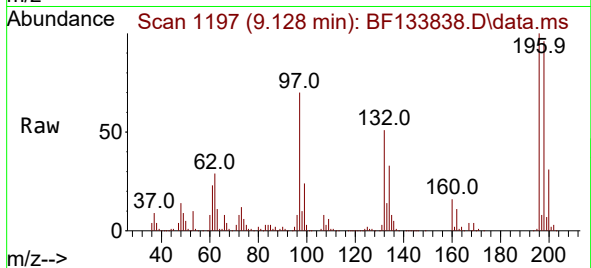
Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

Instrument :

BNA_F

ClientSampleId :



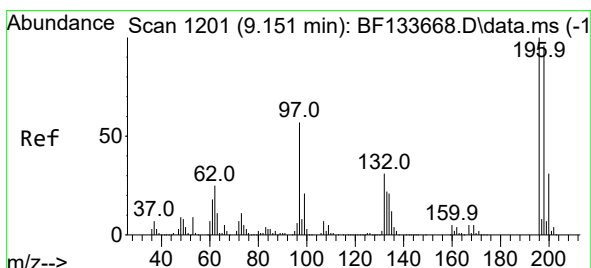
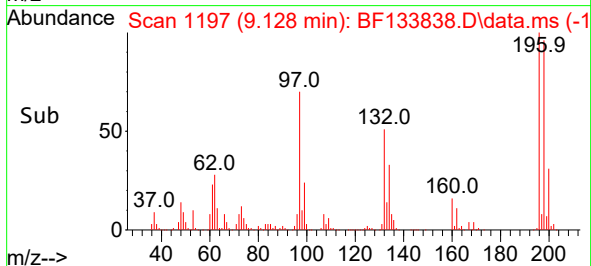
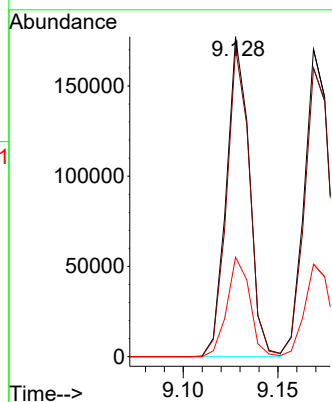
Tgt Ion:196 Resp: 149582

Ion Ratio Lower Upper

196 100

198 96.5 74.5 111.7

200 31.1 22.9 34.3



#44

2,4,5-Trichlorophenol

Concen: 40.623 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

Tgt Ion:196 Resp: 161760

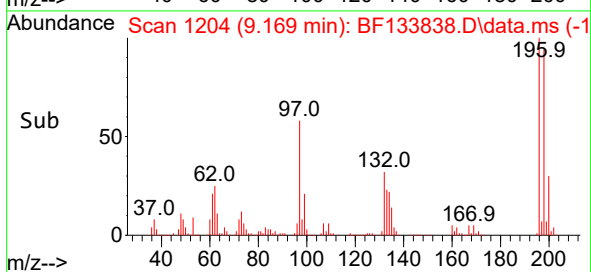
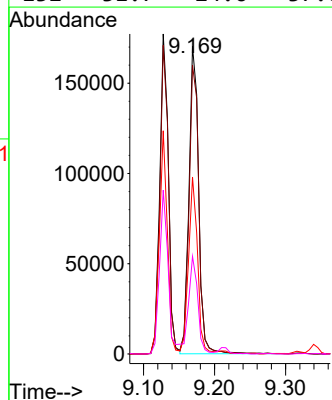
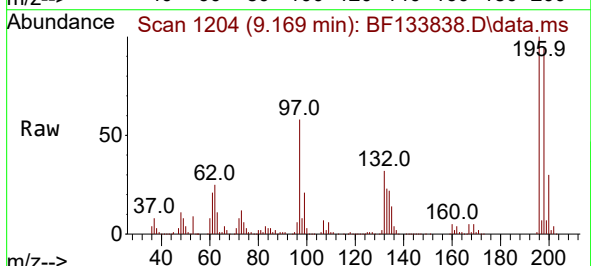
Ion Ratio Lower Upper

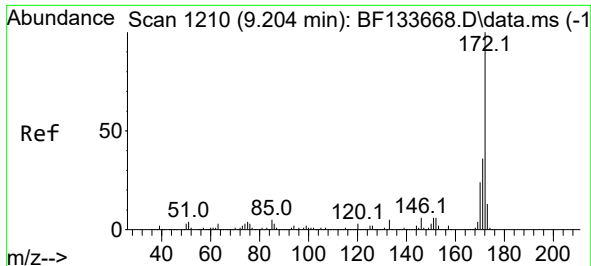
196 100

198 93.9 76.8 115.2

97 57.5 45.4 68.2

132 31.7 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 45.133 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

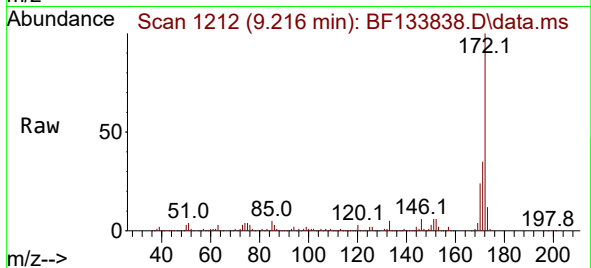
Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

Instrument :

BNA_F

ClientSampleId :



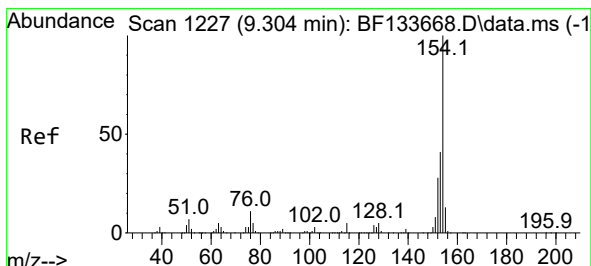
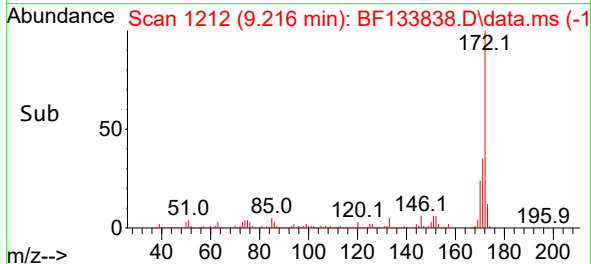
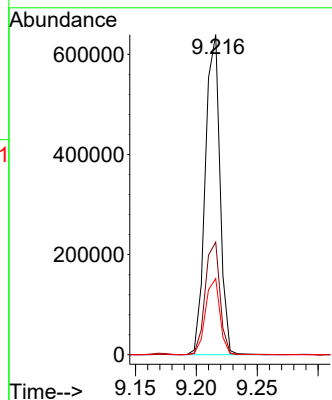
Tgt Ion:172 Resp: 534938

Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 46.673 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

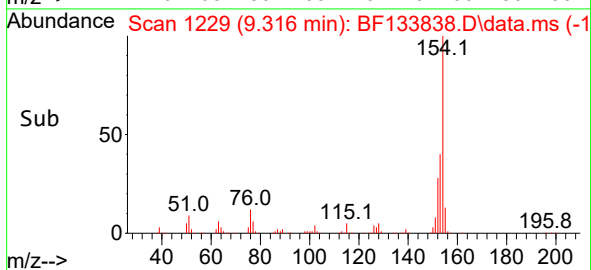
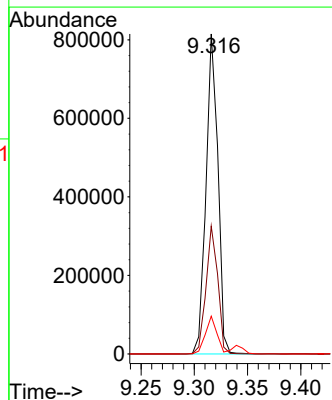
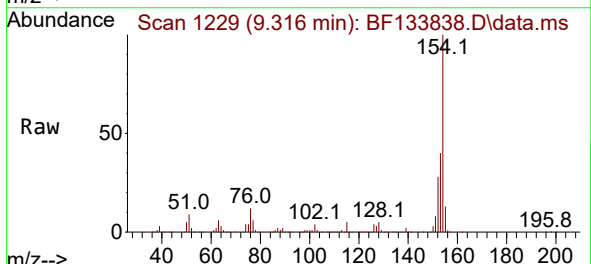
Tgt Ion:154 Resp: 634219

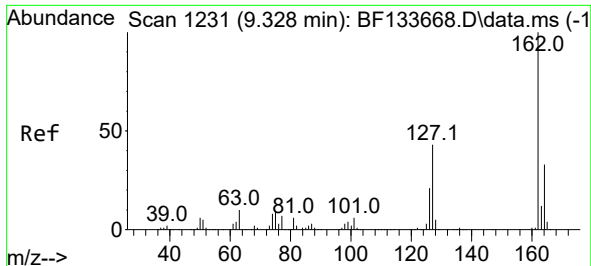
Ion Ratio Lower Upper

154 100

153 40.0 20.6 60.6

76 11.8 0.0 31.0





#47

2-Chloronaphthalene

Concen: 46.617 ng

RT: 9.339 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

Instrument :

BNA_F

ClientSampleId :

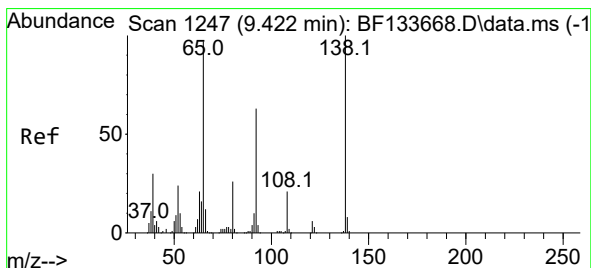
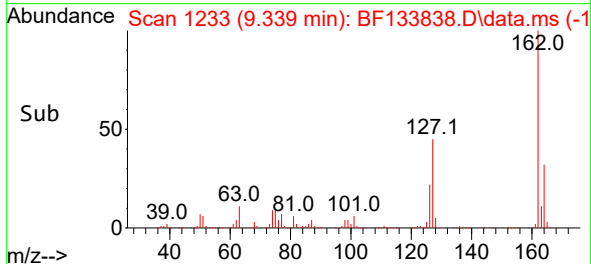
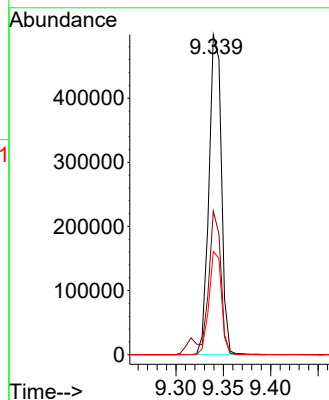
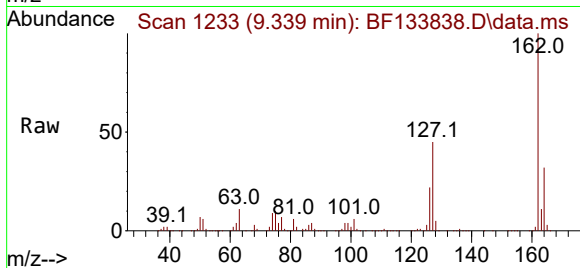
Tgt Ion:162 Resp: 454383

Ion Ratio Lower Upper

162 100

127 44.9 34.6 52.0

164 32.2 26.4 39.6



#48

2-Nitroaniline

Concen: 42.814 ng

RT: 9.439 min Scan# 1250

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

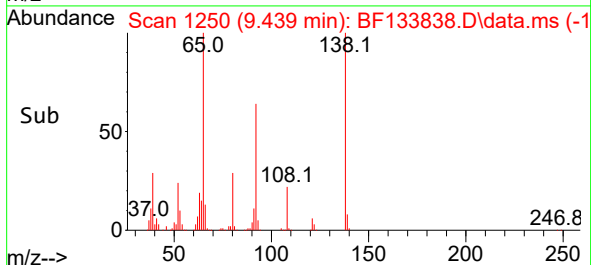
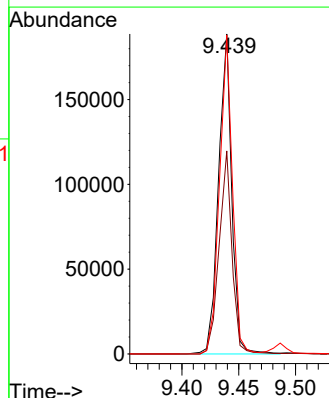
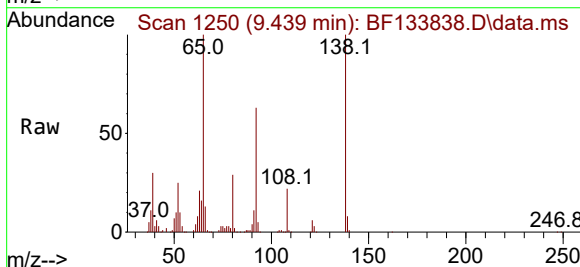
Tgt Ion: 65 Resp: 152624

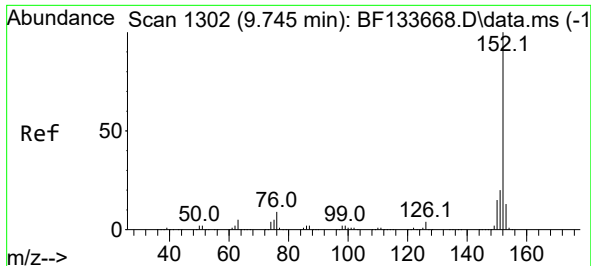
Ion Ratio Lower Upper

65 100

92 63.4 51.8 77.6

138 99.7 82.1 123.1





#49

Acenaphthylene

Concen: 42.902 ng

RT: 9.757 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

Instrument :

BNA_F

ClientSampleId :

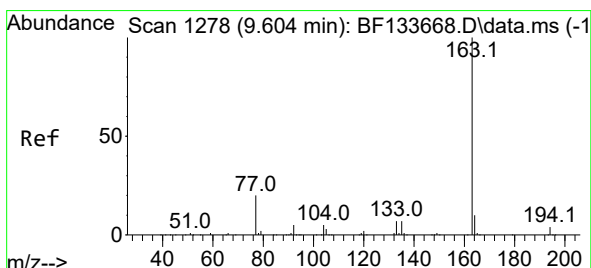
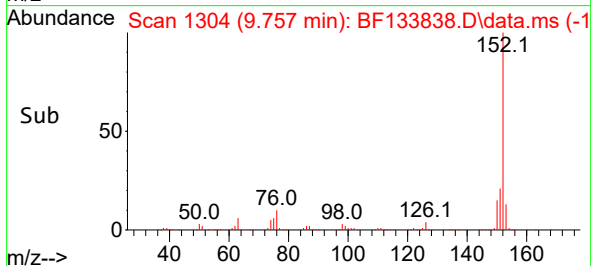
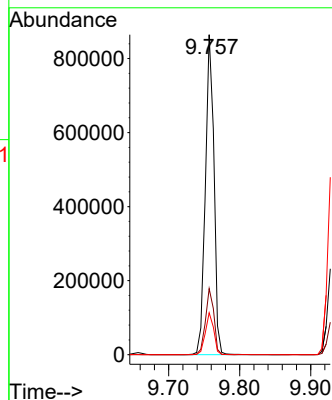
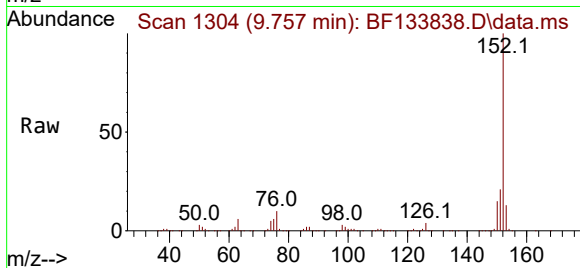
Tgt Ion:152 Resp: 727844

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 41.977 ng

RT: 9.622 min Scan# 1281

Delta R.T. 0.000 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

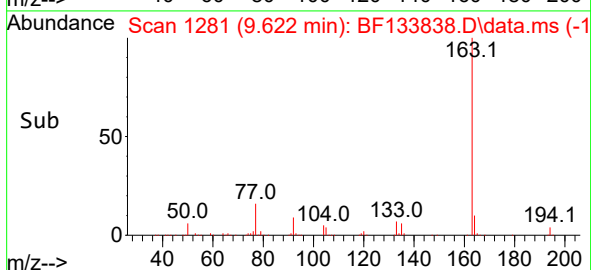
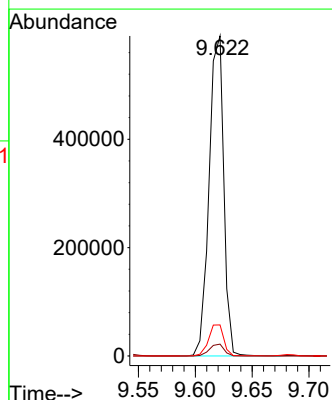
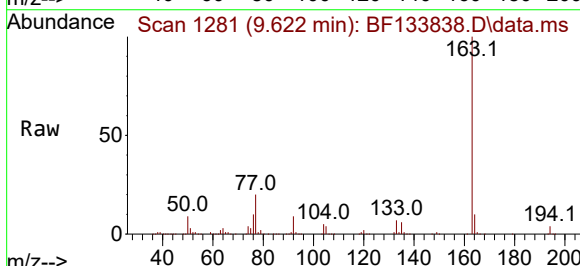
Tgt Ion:163 Resp: 527900

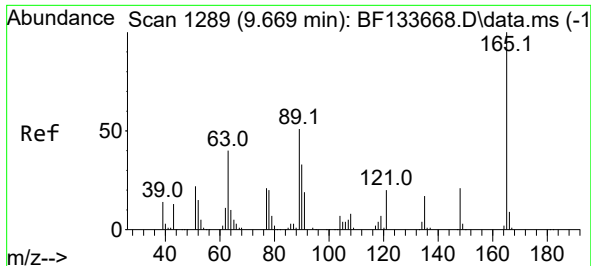
Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 9.7 8.0 12.0

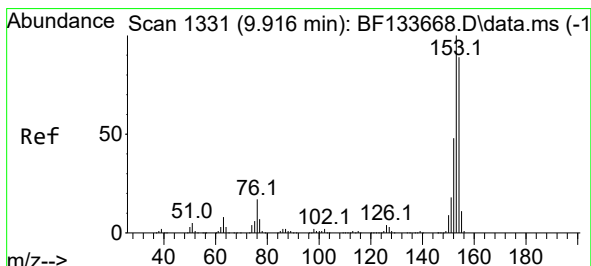
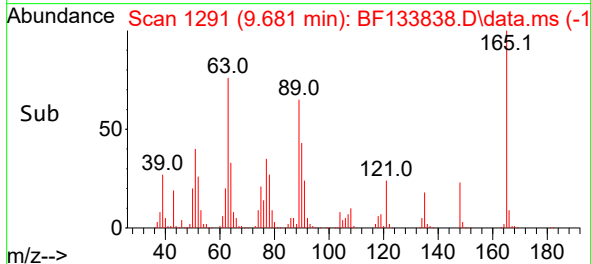
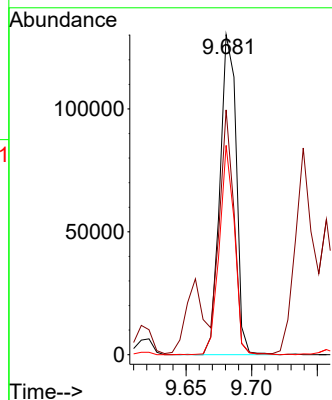
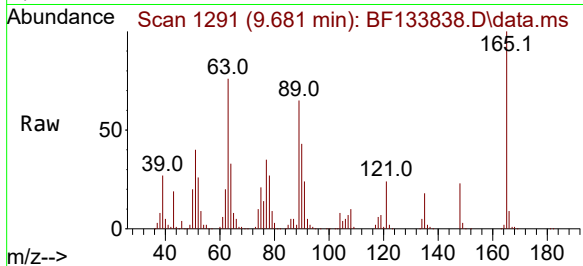




#51
2,6-Dinitrotoluene
Concen: 43.431 ng
RT: 9.681 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

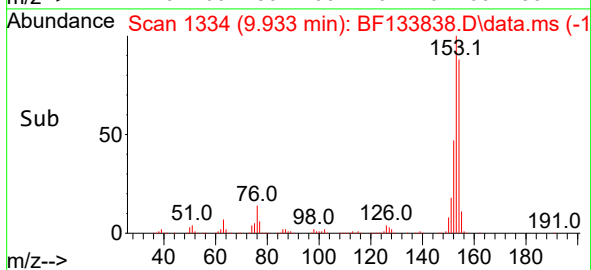
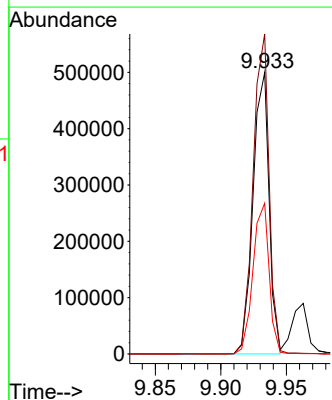
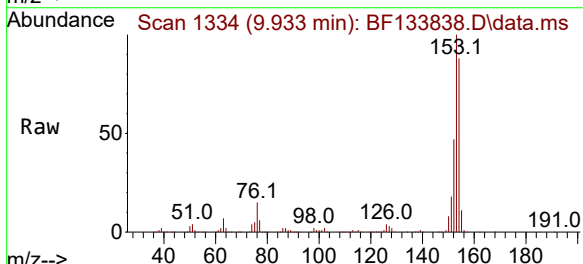
Instrument :
BNA_F
ClientSampleId :

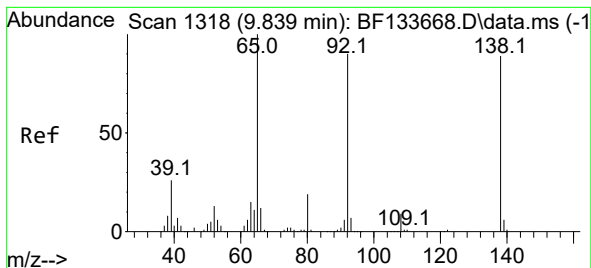
Tgt Ion:165 Resp: 112737
Ion Ratio Lower Upper
165 100
63 76.5 42.1 63.1#
89 65.4 40.9 61.3#



#52
Acenaphthene
Concen: 42.788 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

Tgt Ion:154 Resp: 424894
Ion Ratio Lower Upper
154 100
153 113.7 89.8 134.8
152 53.6 43.4 65.2

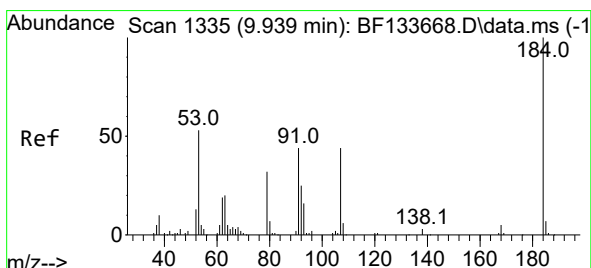
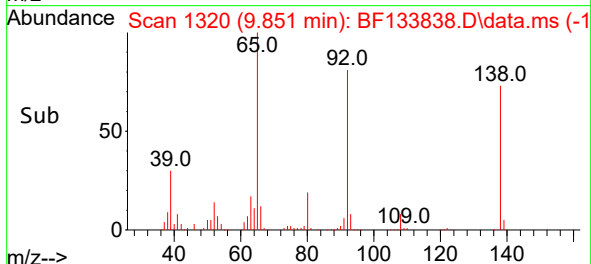
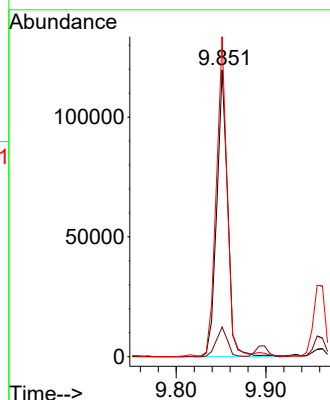
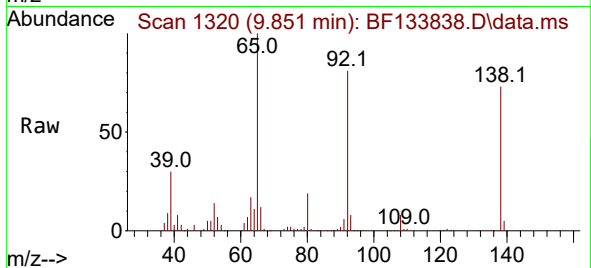




#53
3-Nitroaniline
Concen: 31.992 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

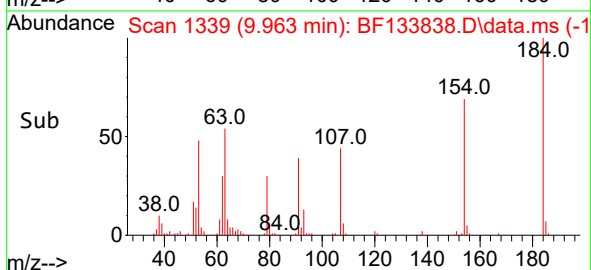
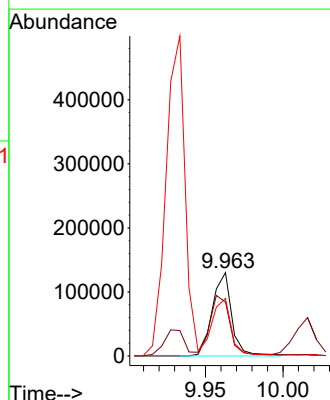
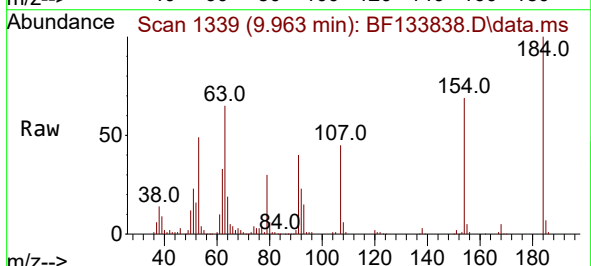
Instrument :
BNA_F
ClientSampleId :

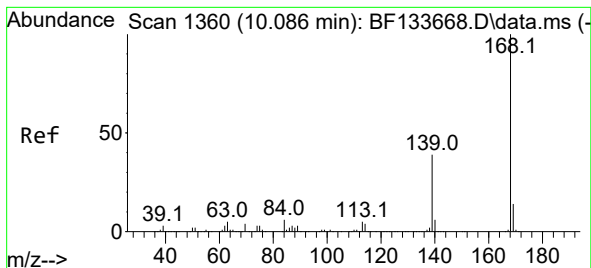
Tgt Ion:138 Resp: 101060
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.4
92 111.5 81.0 121.6



#54
2,4-Dinitrophenol
Concen: 88.788 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

Tgt Ion:184 Resp: 113483
Ion Ratio Lower Upper
184 100
63 64.6 55.3 82.9
154 69.0 51.9 77.9





#55

Dibenzenofuran

Concen: 42.823 ng

RT: 10.104 min Scan# 1363

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

Instrument :

BNA_F

ClientSampleId :

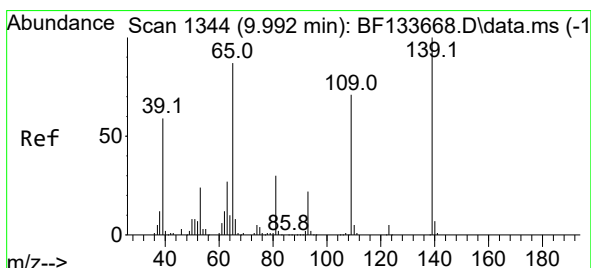
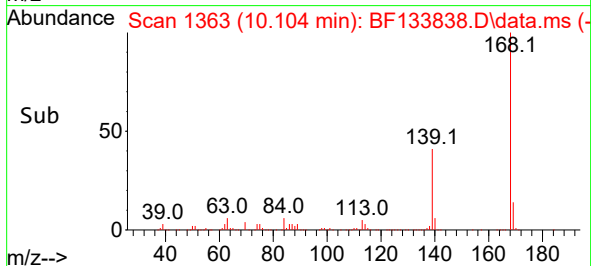
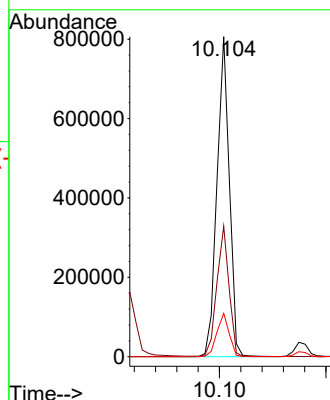
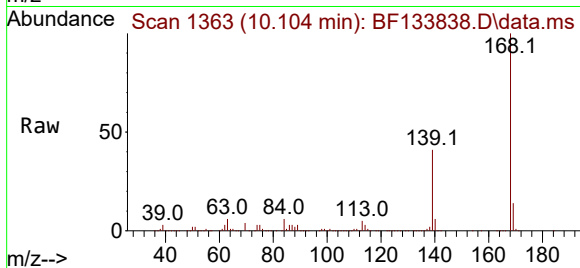
Tgt Ion:168 Resp: 648874

Ion Ratio Lower Upper

168 100

139 40.8 30.9 46.3

169 13.6 10.9 16.3



#56

4-Nitrophenol

Concen: 75.423 ng

RT: 10.016 min Scan# 1348

Delta R.T. 0.000 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

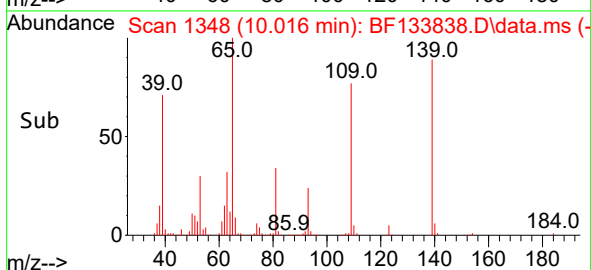
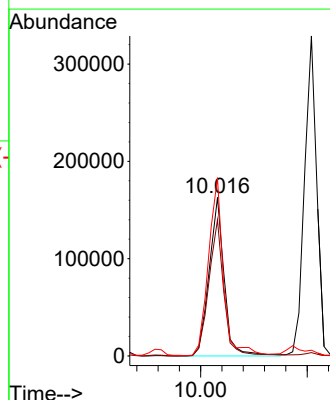
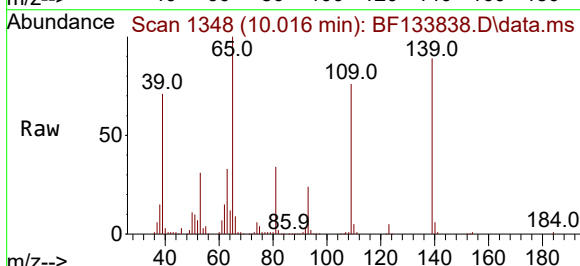
Tgt Ion:139 Resp: 160796

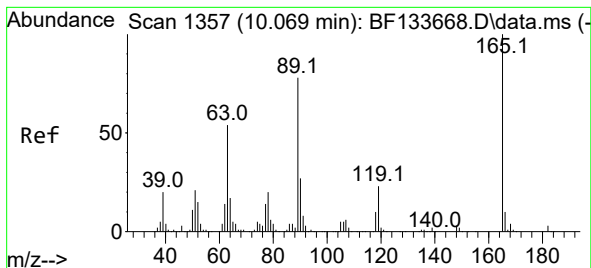
Ion Ratio Lower Upper

139 100

109 86.0 50.7 90.7

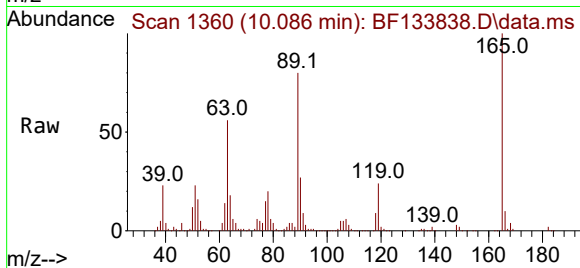
65 112.5 67.1 107.1#



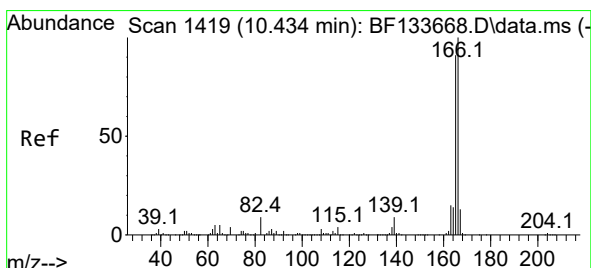
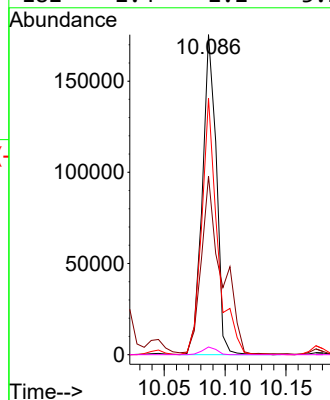
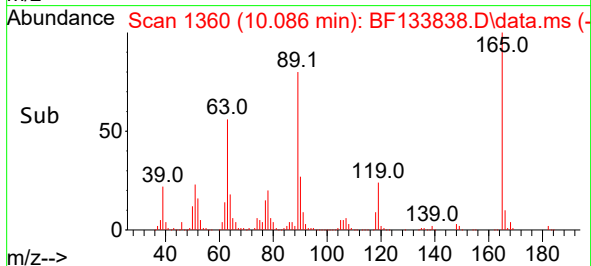


#57
2,4-Dinitrotoluene
Concen: 42.841 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

Instrument :
BNA_F
ClientSampleId :

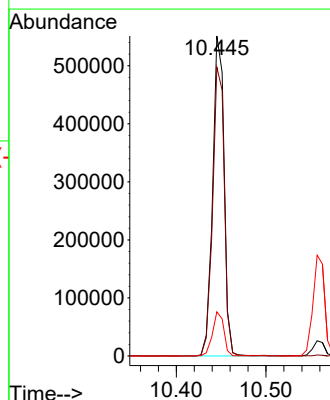
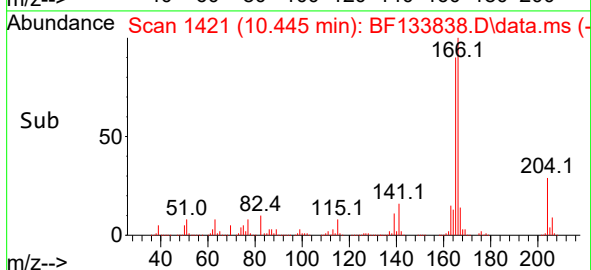
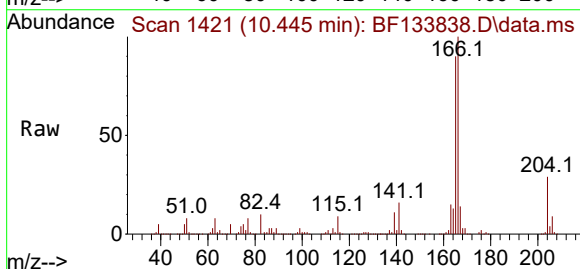


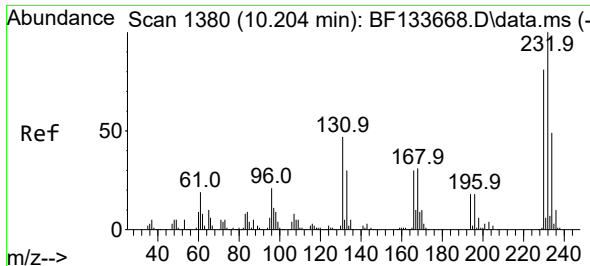
Tgt Ion:165 Resp: 141432
Ion Ratio Lower Upper
165 100
63 55.8 43.0 64.6
89 80.2 62.6 93.8
182 2.4 2.2 3.2



#58
Fluorene
Concen: 42.208 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

Tgt Ion:166 Resp: 489086
Ion Ratio Lower Upper
166 100
165 90.2 73.1 109.7
167 13.8 10.5 15.7

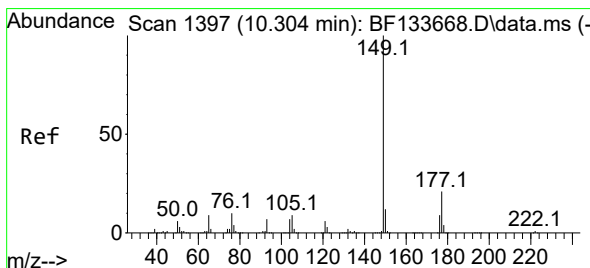
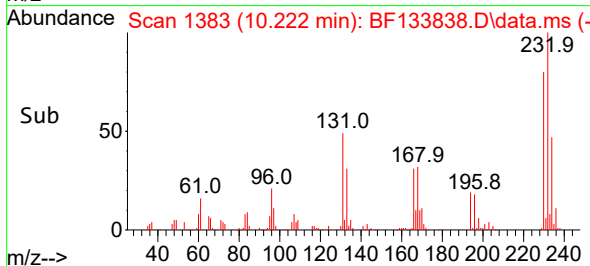
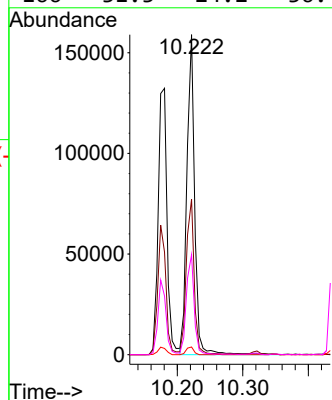
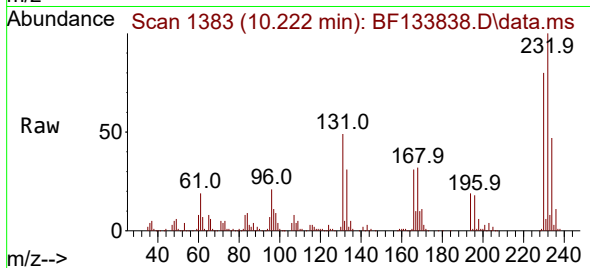




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.467 ng
RT: 10.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

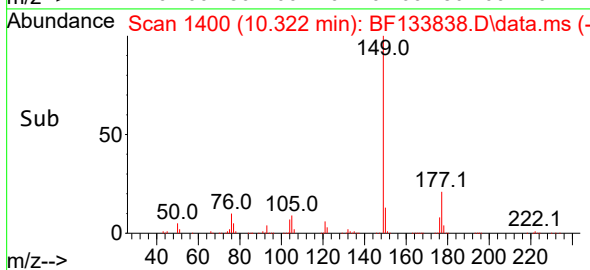
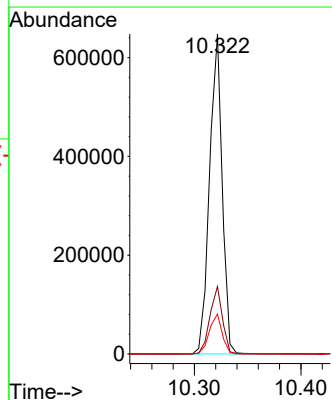
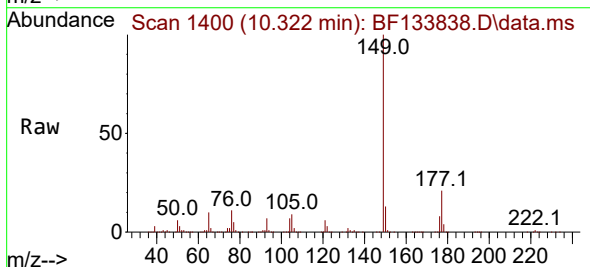
Instrument :
BNA_F
ClientSampleId :

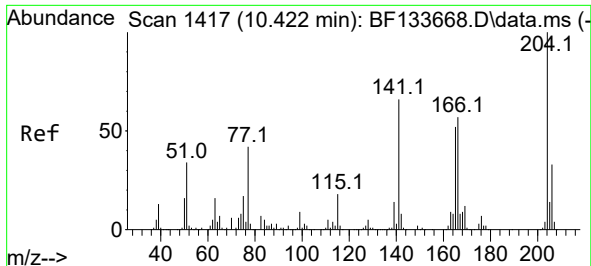
Tgt Ion:232 Resp: 129586
Ion Ratio Lower Upper
232 100
131 48.8 38.0 57.0
130 2.3 1.8 2.8
166 31.3 24.2 36.4



#60
Diethylphthalate
Concen: 41.888 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

Tgt Ion:149 Resp: 536136
Ion Ratio Lower Upper
149 100
177 21.1 17.0 25.6
150 12.5 10.0 15.0

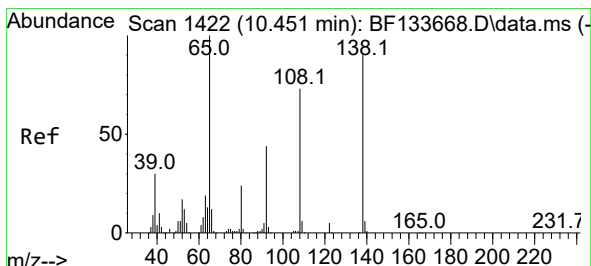
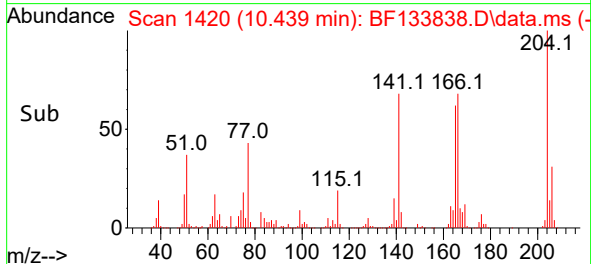
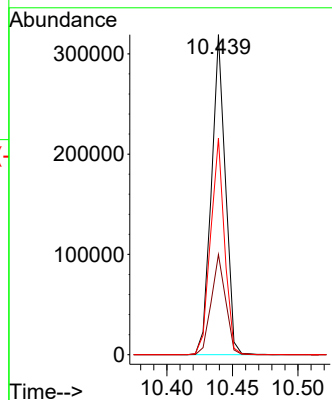
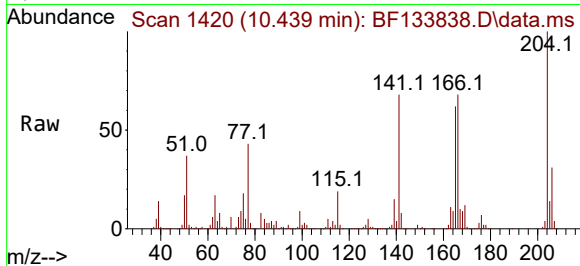




#61
4-Chlorophenyl-phenylether
Concen: 41.543 ng
RT: 10.439 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

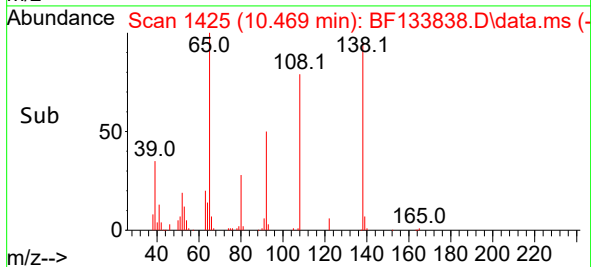
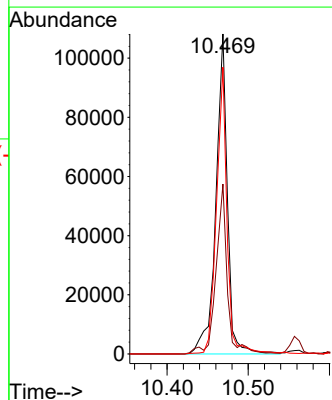
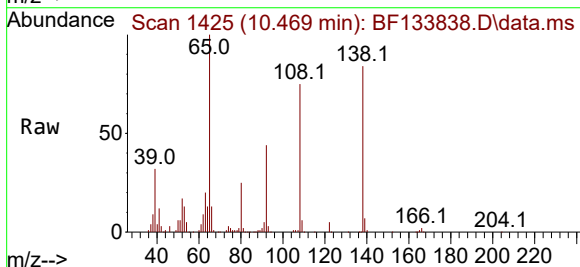
Instrument :
BNA_F
ClientSampleId :

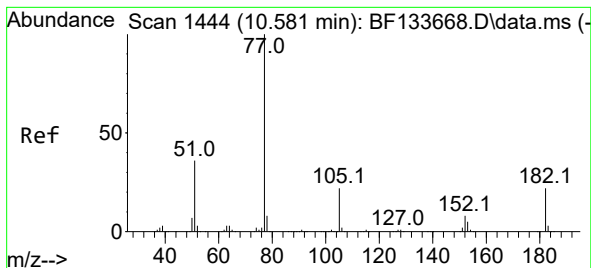
Tgt Ion:204 Resp: 237646
Ion Ratio Lower Upper
204 100
206 31.3 26.4 39.6
141 67.7 52.8 79.2



#62
4-Nitroaniline
Concen: 34.590 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

Tgt Ion:138 Resp: 107133
Ion Ratio Lower Upper
138 100
92 53.1 28.9 68.9
108 89.6 61.0 101.0





#63

Azobenzene

Concen: 42.013 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.006 min

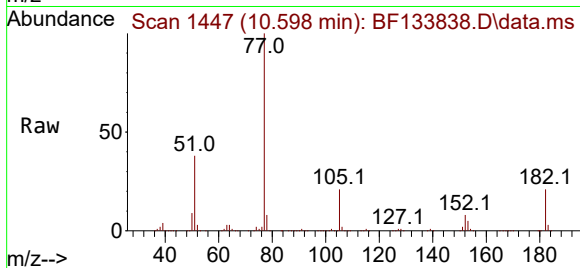
Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 509065

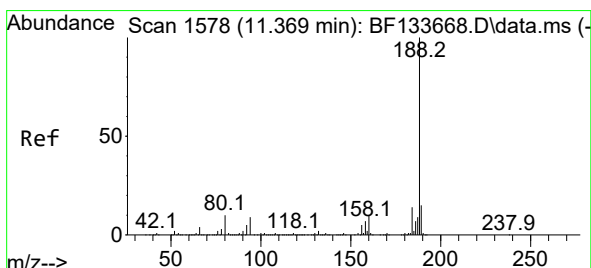
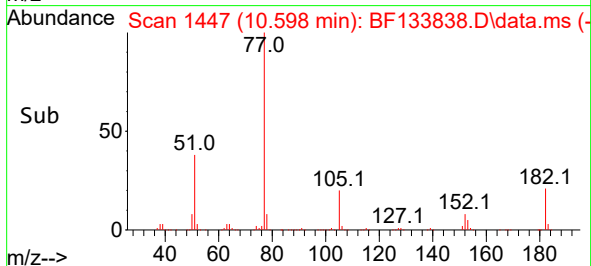
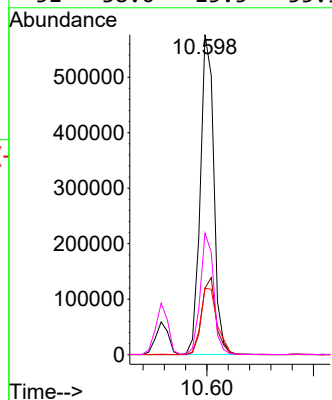
Ion Ratio Lower Upper

77 100

182 20.8 1.6 41.6

105 20.7 1.6 41.6

51 38.0 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

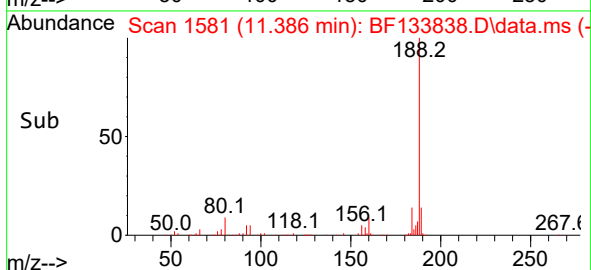
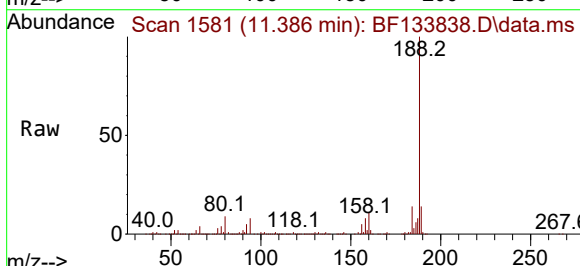
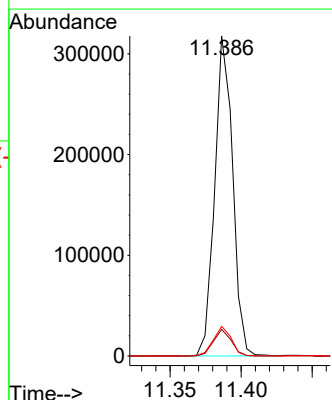
Tgt Ion: 188 Resp: 278881

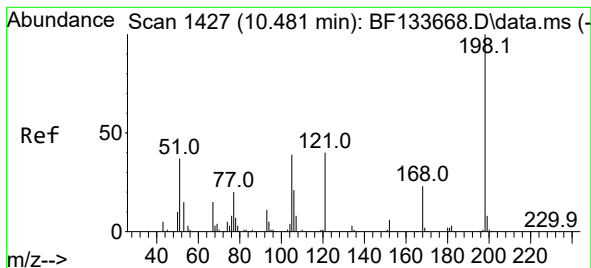
Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

80 9.2 7.8 11.6

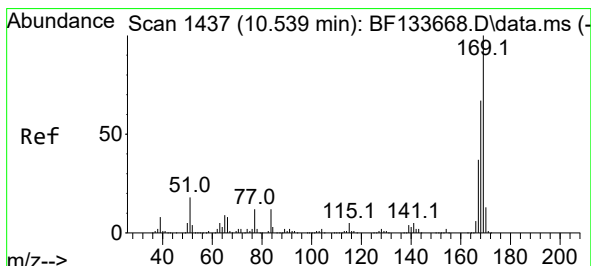
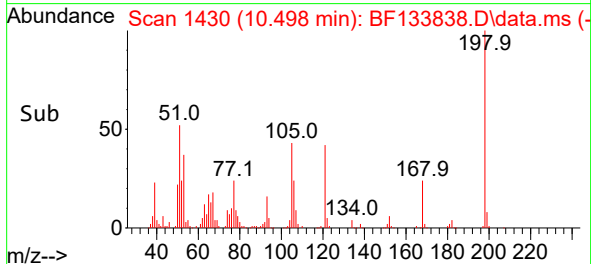
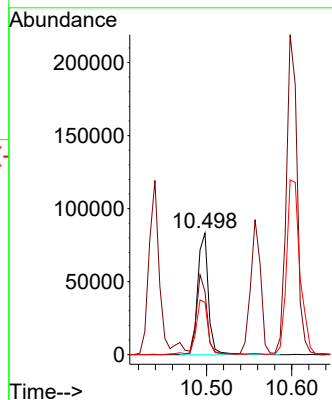
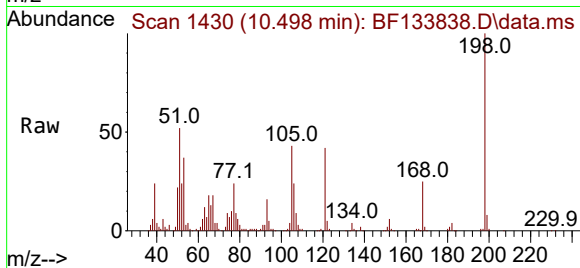




#65
4,6-Dinitro-2-methylphenol
Concen: 54.548 ng
RT: 10.498 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

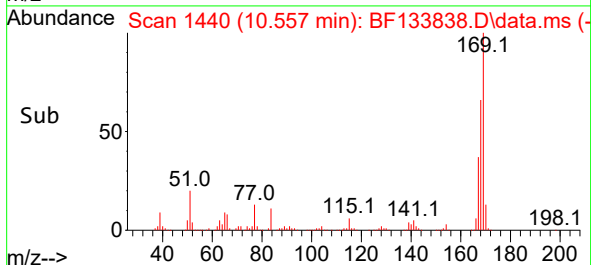
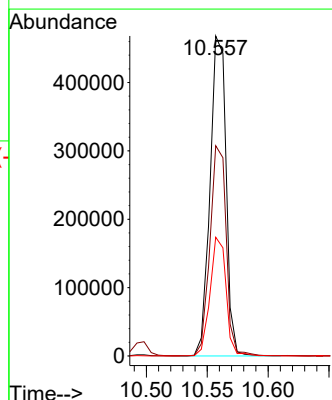
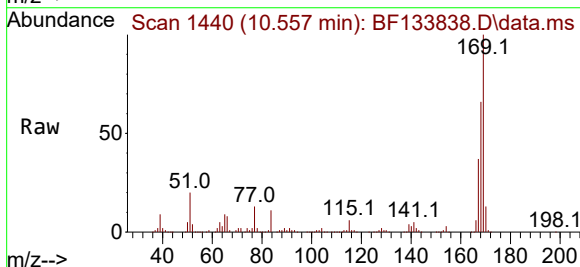
Instrument :
BNA_F
ClientSampleId :

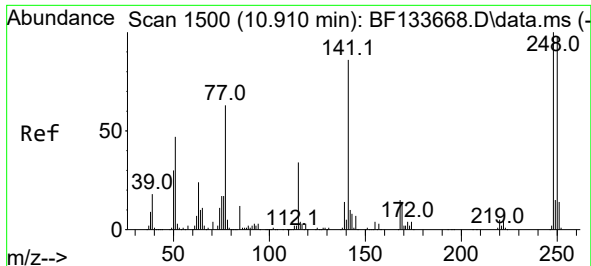
Tgt Ion:198 Resp: 72692
Ion Ratio Lower Upper
198 100
51 52.1 27.5 67.5
105 43.1 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 45.656 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

Tgt Ion:169 Resp: 427690
Ion Ratio Lower Upper
169 100
168 65.7 53.7 80.5
167 37.1 29.8 44.8

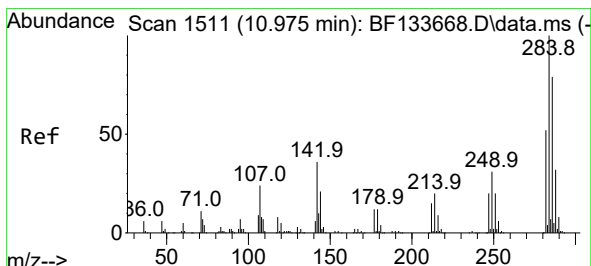
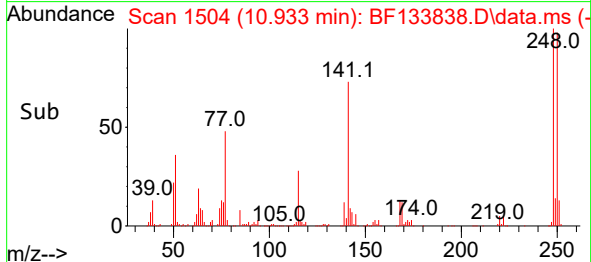
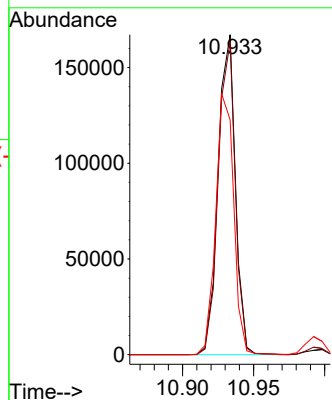
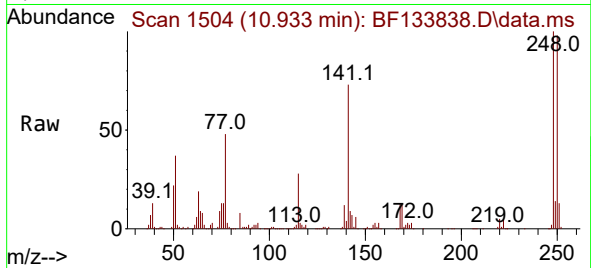




#67
4-Bromophenyl-phenylether
Concen: 45.421 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

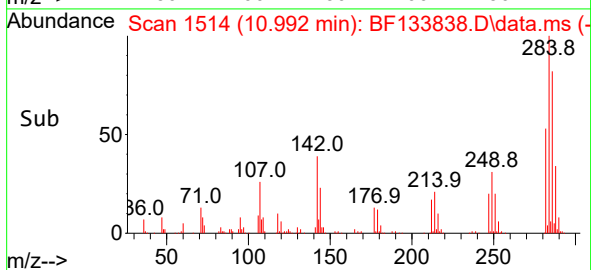
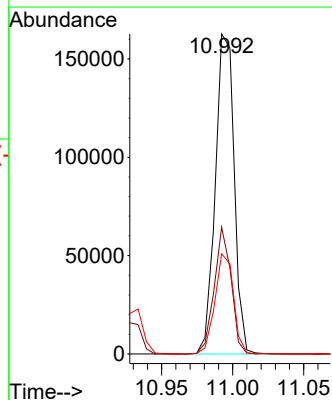
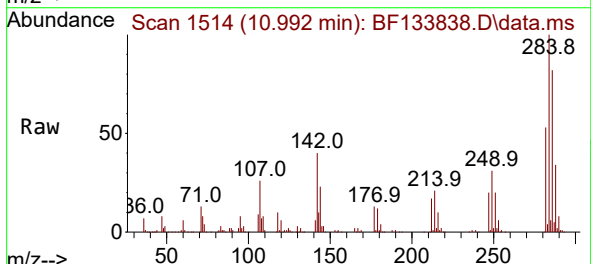
Instrument :
BNA_F
ClientSampleId :

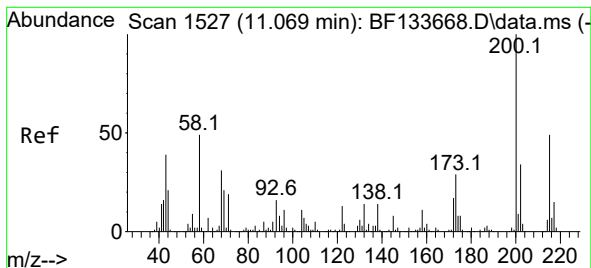
Tgt Ion:248 Resp: 141382
Ion Ratio Lower Upper
248 100
250 97.8 78.3 117.5
141 73.4 69.0 103.6



#68
Hexachlorobenzene
Concen: 45.955 ng
RT: 10.992 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

Tgt Ion:284 Resp: 150422
Ion Ratio Lower Upper
284 100
142 39.6 28.6 42.8
249 31.3 24.6 36.8





#69

Atrazine

Concen: 46.629 ng

RT: 11.086 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

Instrument :

BNA_F

ClientSampleId :

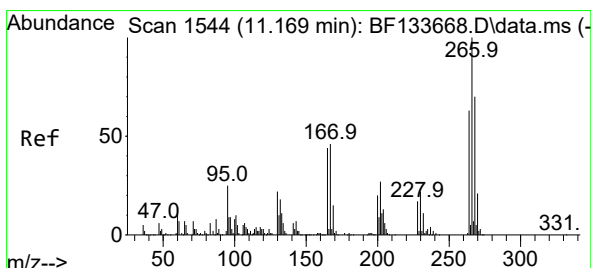
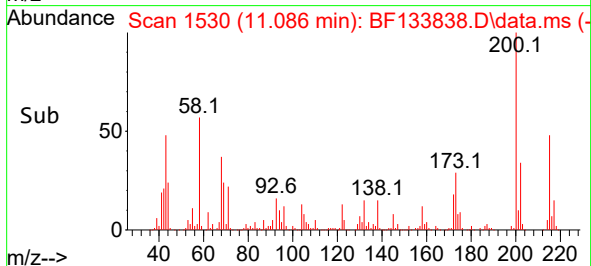
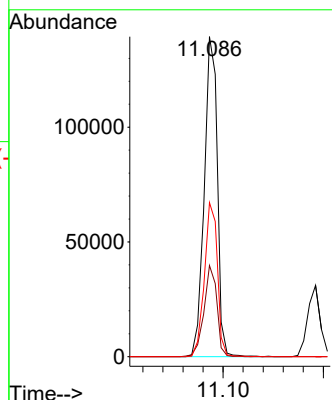
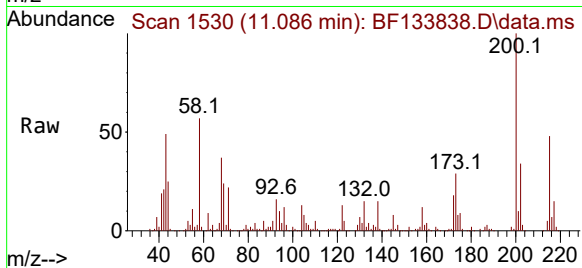
Tgt Ion:200 Resp: 126739

Ion Ratio Lower Upper

200 100

173 28.5 8.7 48.7

215 48.2 29.0 69.0



#70

Pentachlorophenol

Concen: 73.618 ng

RT: 11.192 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

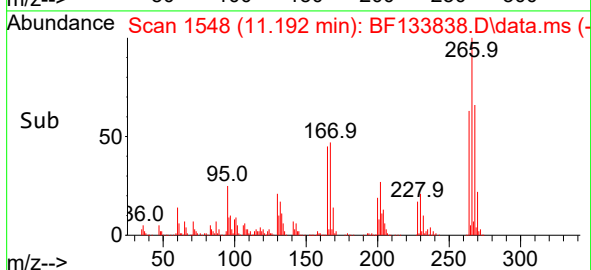
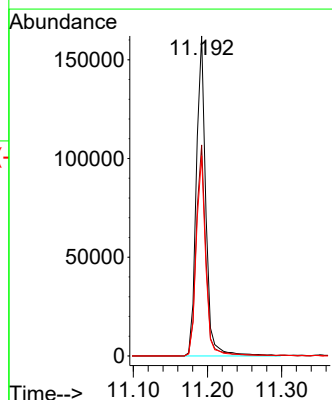
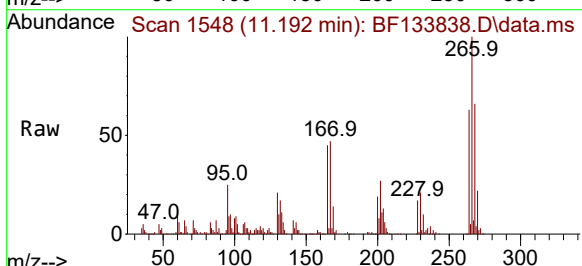
Tgt Ion:266 Resp: 144294

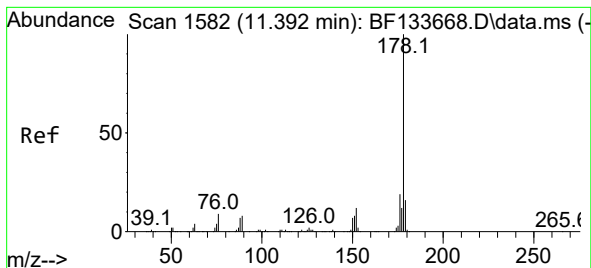
Ion Ratio Lower Upper

266 100

268 65.9 55.7 83.5

264 62.6 50.7 76.1





#71

Phenanthrene

Concen: 43.653 ng

RT: 11.416 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

Instrument :

BNA_F

ClientSampleId :

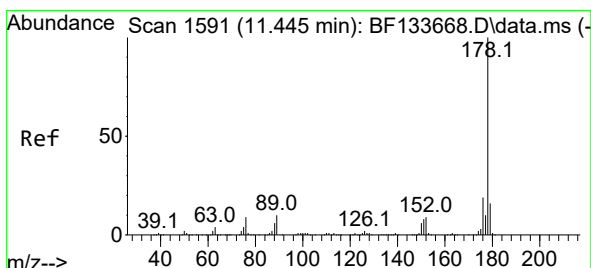
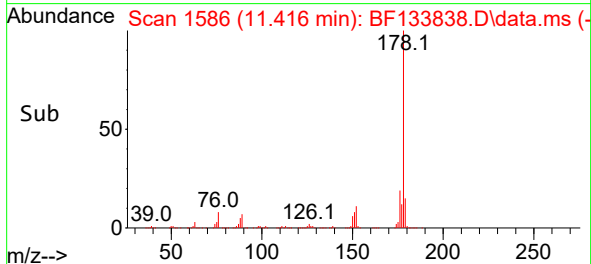
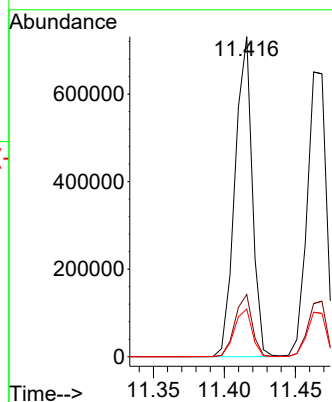
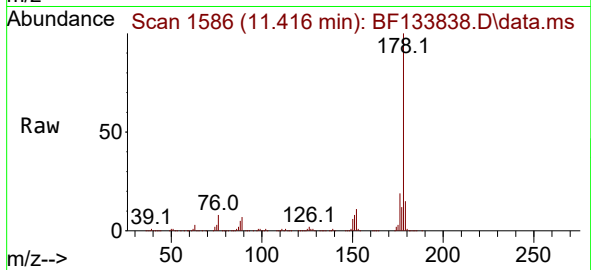
Tgt Ion:178 Resp: 617650

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 14.9 12.4 18.6



#72

Anthracene

Concen: 41.680 ng

RT: 11.463 min Scan# 1594

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

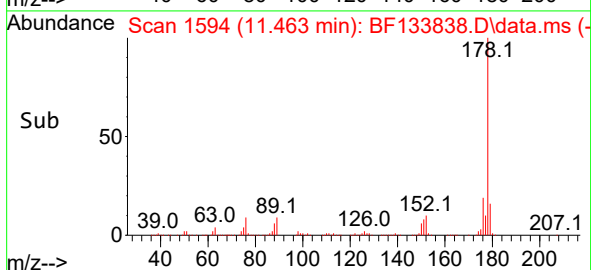
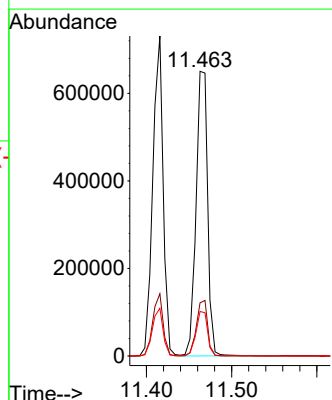
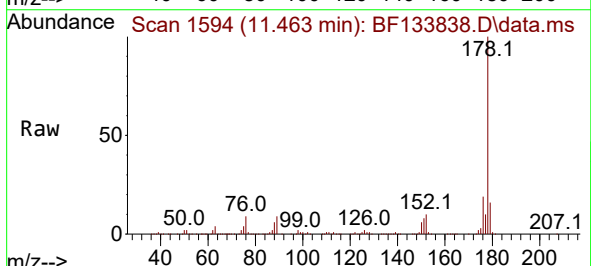
Tgt Ion:178 Resp: 614910

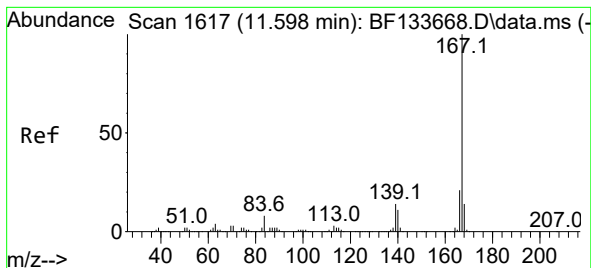
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.7 12.6 18.8





#73

Carbazole

Concen: 40.142 ng

RT: 11.622 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

Instrument :

BNA_F

ClientSampleId :

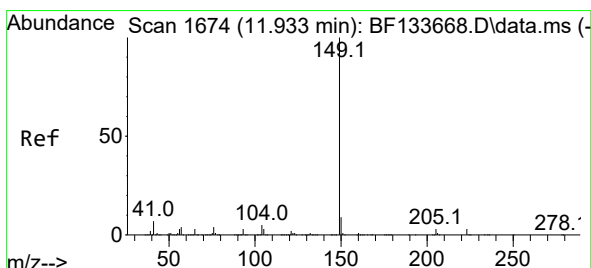
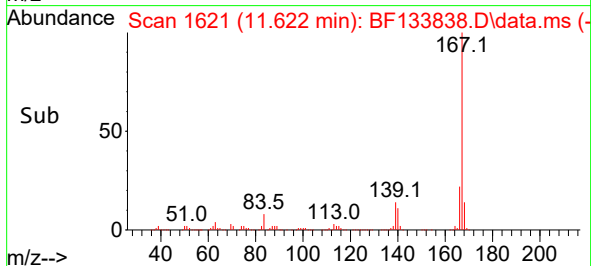
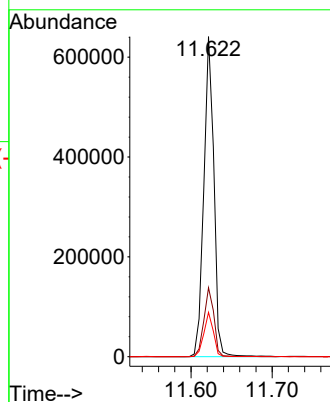
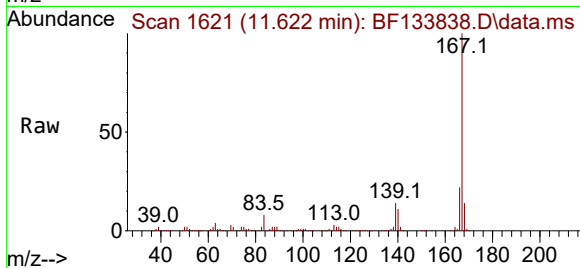
Tgt Ion:167 Resp: 551573

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.6

139 13.9 11.2 16.8



#74

Di-n-butylphthalate

Concen: 41.159 ng

RT: 11.957 min Scan# 1678

Delta R.T. 0.000 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

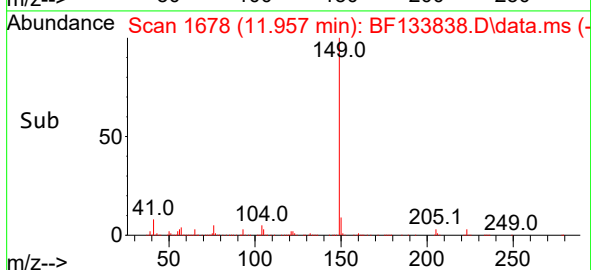
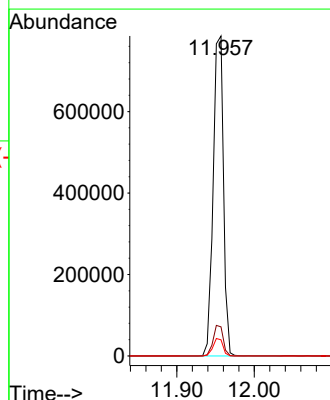
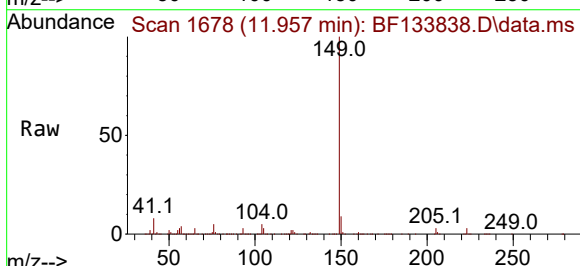
Tgt Ion:149 Resp: 725019

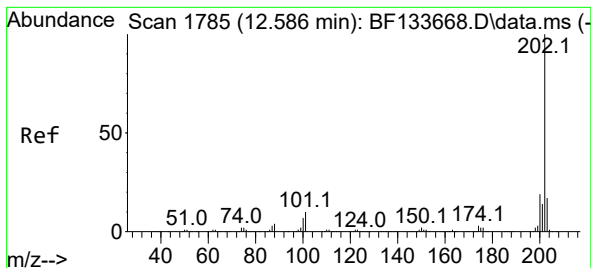
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.0 3.8 5.8





#75

Fluoranthene

Concen: 38.549 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

Instrument :

BNA_F

ClientSampleId :

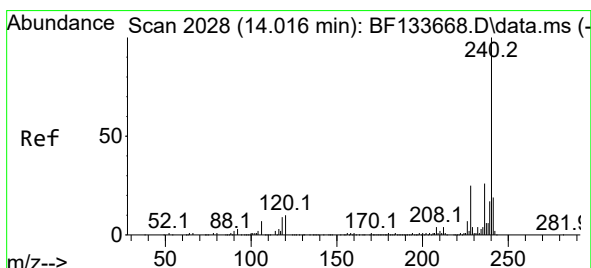
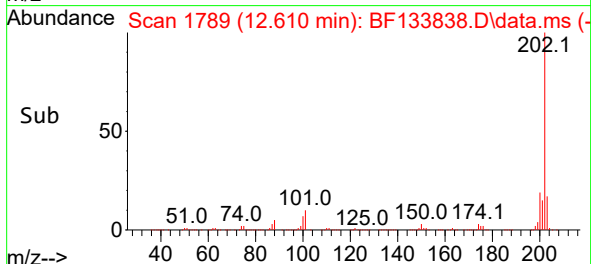
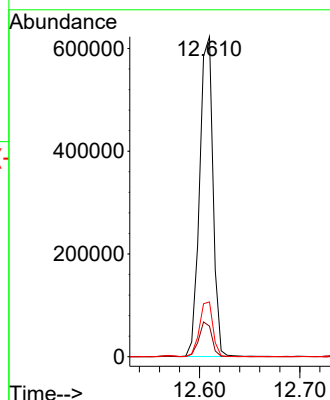
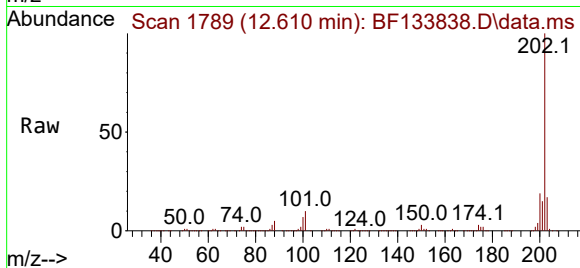
Tgt Ion:202 Resp: 579216

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.6

203 17.1 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

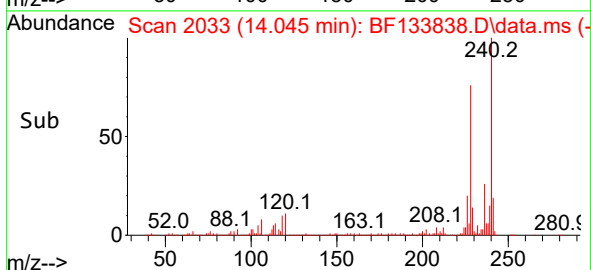
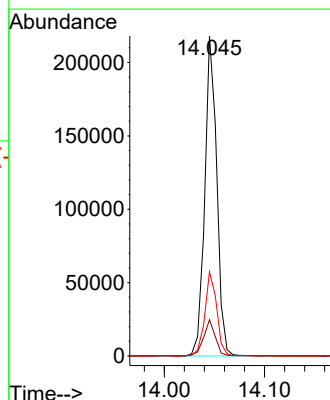
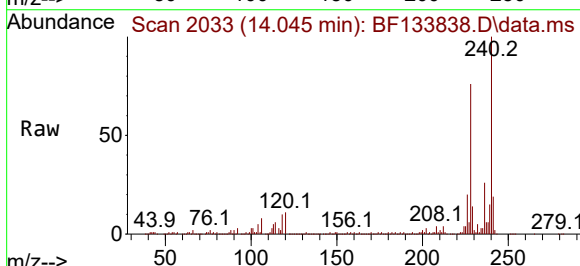
Tgt Ion:240 Resp: 182058

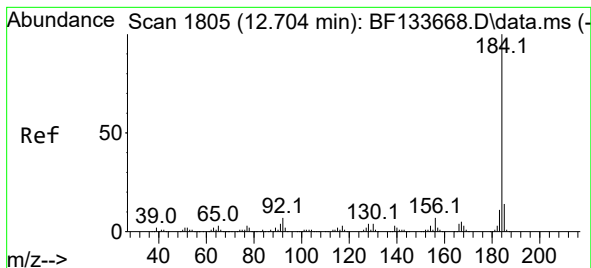
Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

236 26.3 20.5 30.7





#77

Benzidine

Concen: 54.201 ng

RT: 12.733 min Scan# 1810

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

Instrument :

BNA_F

ClientSampleId :

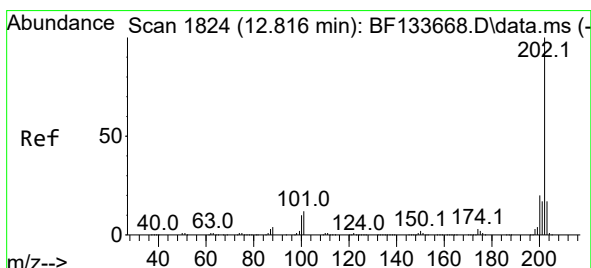
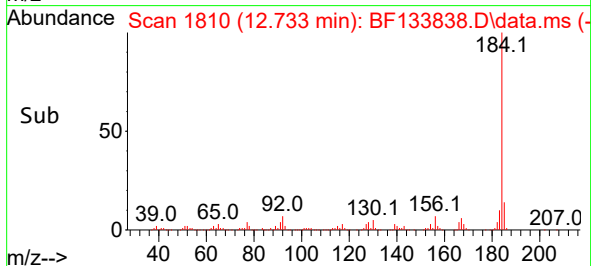
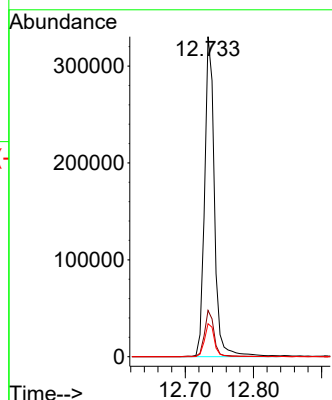
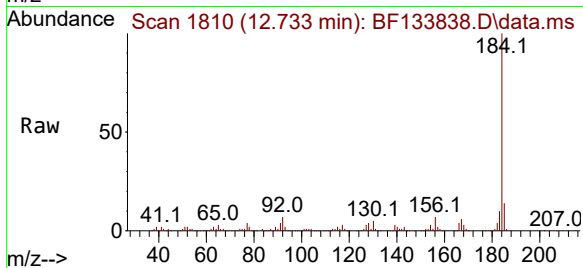
Tgt Ion:184 Resp: 331121

Ion Ratio Lower Upper

184 100

185 14.5 11.6 17.4

183 10.3 8.4 12.6



#78

Pyrene

Concen: 34.435 ng

RT: 12.839 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

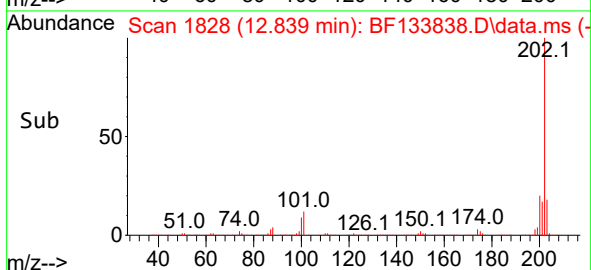
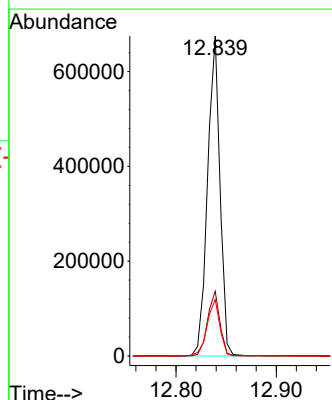
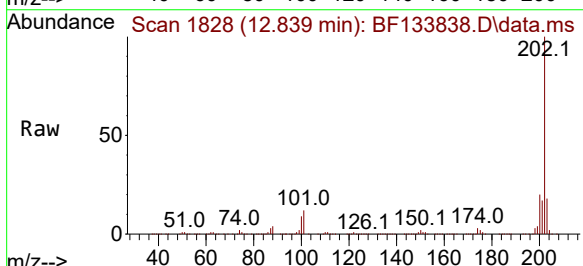
Tgt Ion:202 Resp: 583999

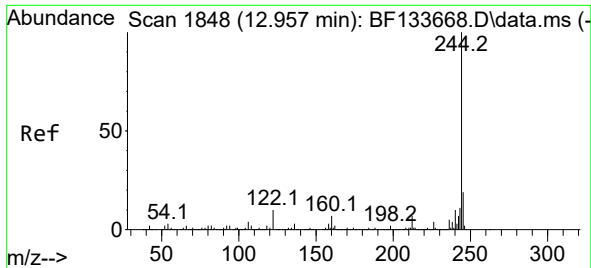
Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

203 17.6 13.9 20.9

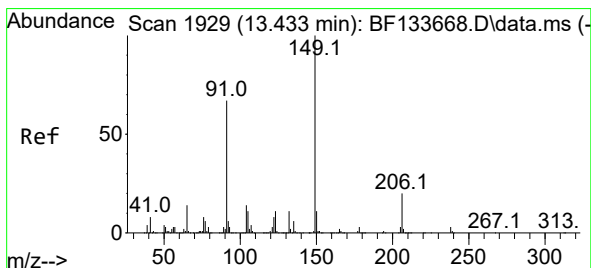
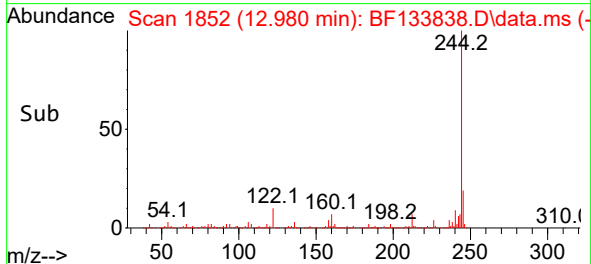
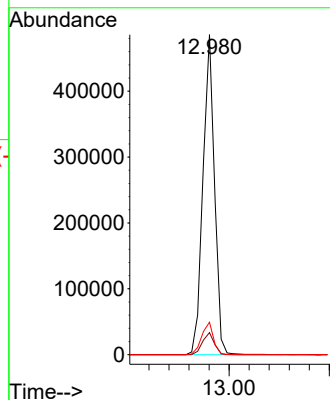
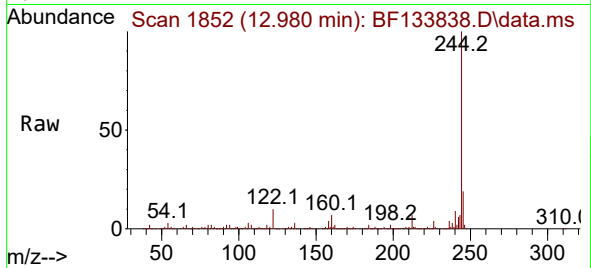




#79
 Terphenyl-d14
 Concen: 33.143 ng
 RT: 12.980 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF133838.D
 Acq: 19 Jun 2023 17:40

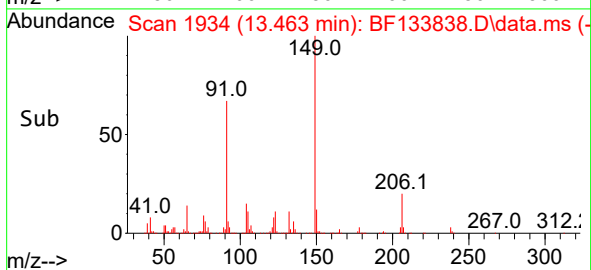
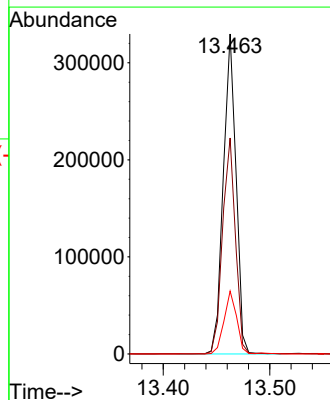
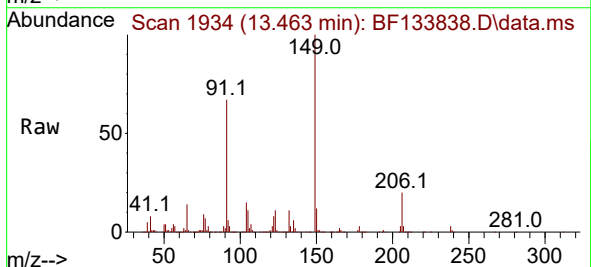
Instrument :
 BNA_F
 ClientSampleId :

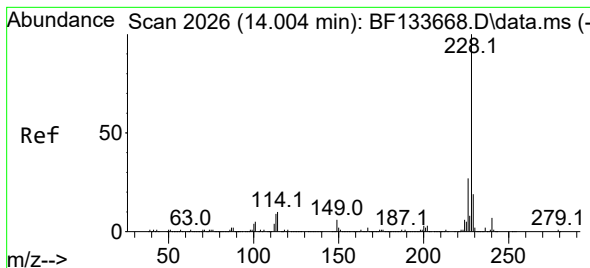
Tgt Ion:244 Resp: 389950
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.2 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 38.005 ng
 RT: 13.463 min Scan# 1934
 Delta R.T. -0.006 min
 Lab File: BF133838.D
 Acq: 19 Jun 2023 17:40

Tgt Ion:149 Resp: 272103
 Ion Ratio Lower Upper
 149 100
 91 67.5 54.0 81.0
 206 19.7 15.6 23.4





#81

Benzo(a)anthracene

Concen: 44.071 ng

RT: 14.039 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

Instrument :

BNA_F

ClientSampleId :

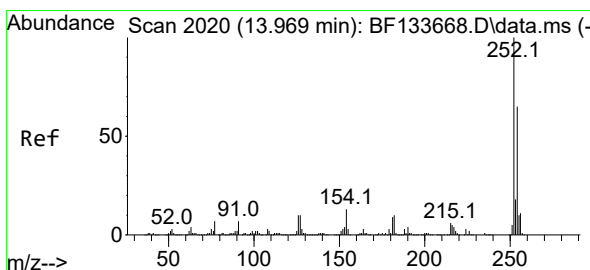
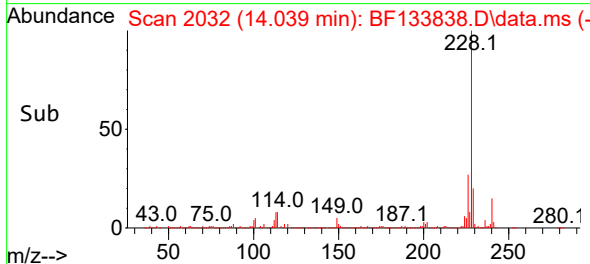
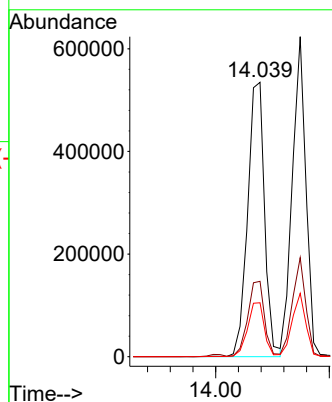
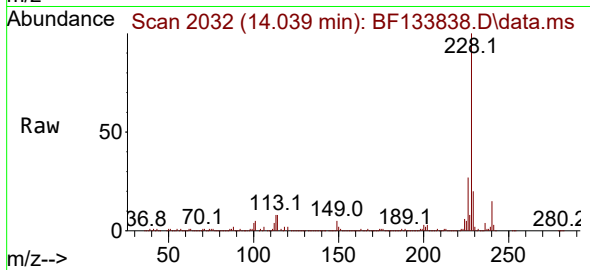
Tgt Ion:228 Resp: 554982

Ion Ratio Lower Upper

228 100

226 27.5 21.7 32.5

229 19.7 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 47.973 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

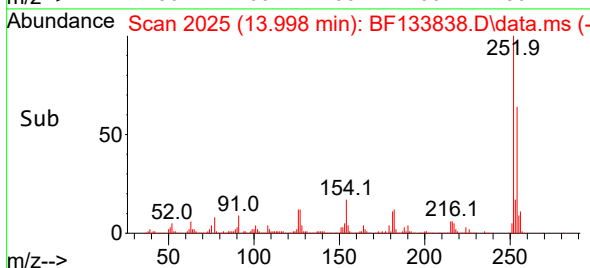
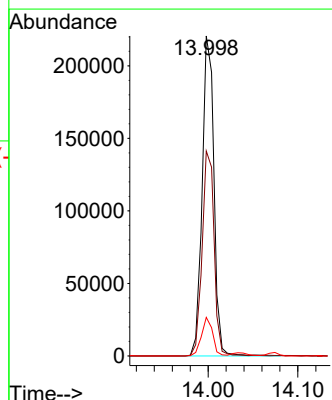
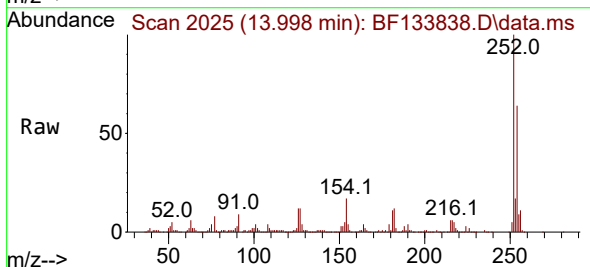
Tgt Ion:252 Resp: 200848

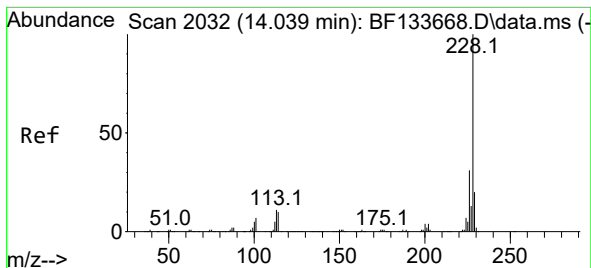
Ion Ratio Lower Upper

252 100

254 64.1 51.9 77.9

126 12.0 7.7 11.5#





#83

Chrysene

Concen: 43.371 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

Instrument :

BNA_F

ClientSampleId :

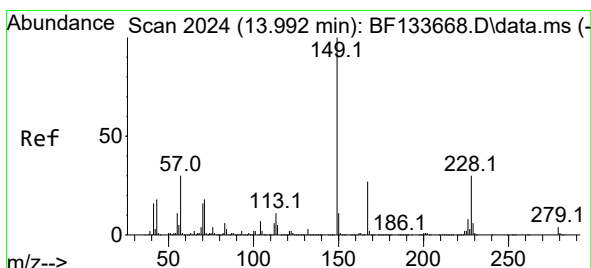
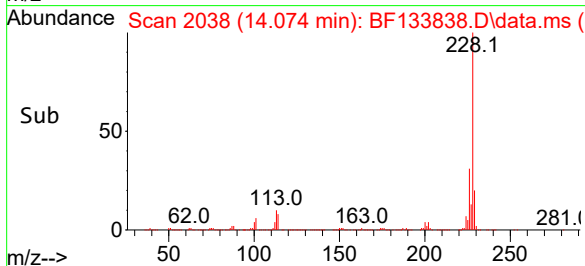
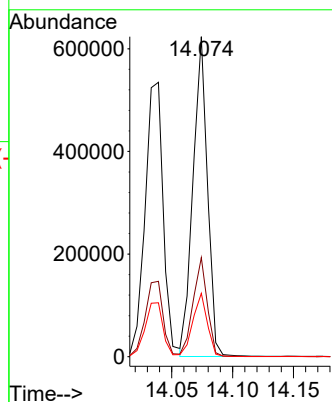
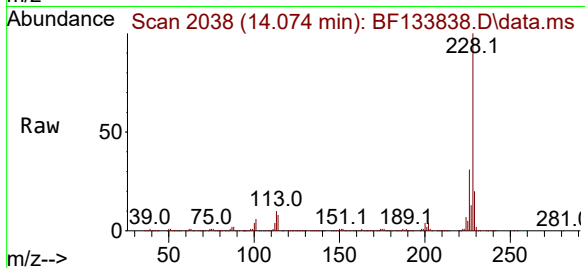
Tgt Ion:228 Resp: 516579

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.055 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

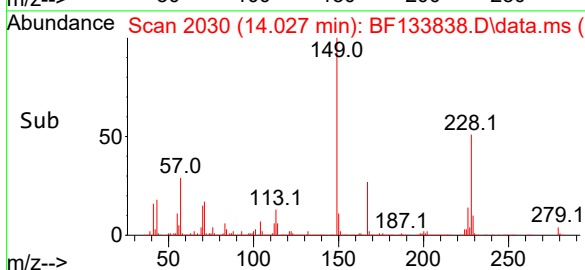
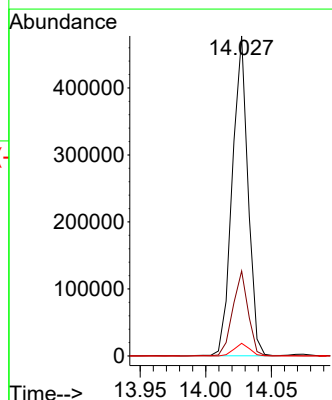
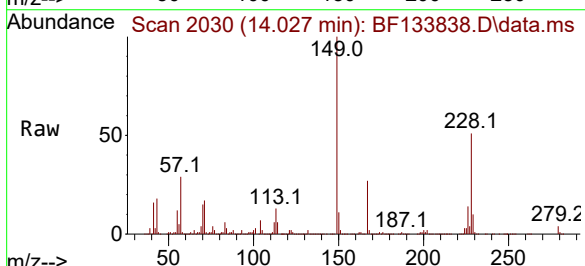
Tgt Ion:149 Resp: 397190

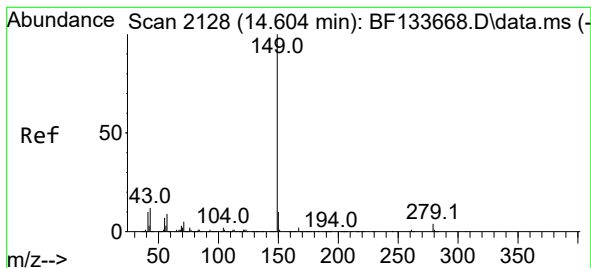
Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.8

279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 60.580 ng

RT: 14.651 min Scan# 2128

Delta R.T. 0.000 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

Instrument :

BNA_F

ClientSampleId :

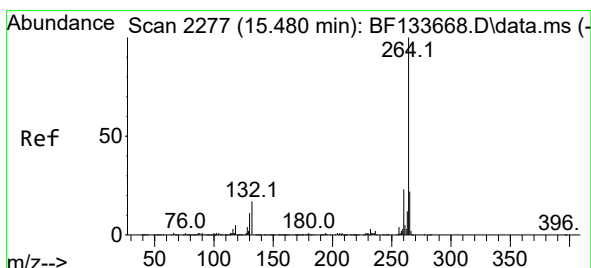
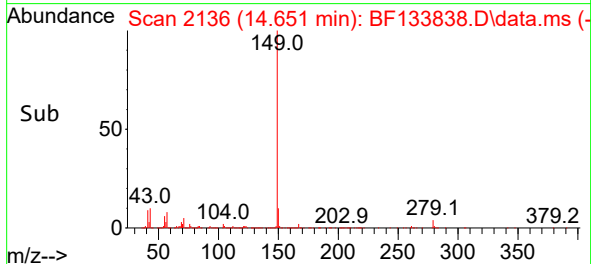
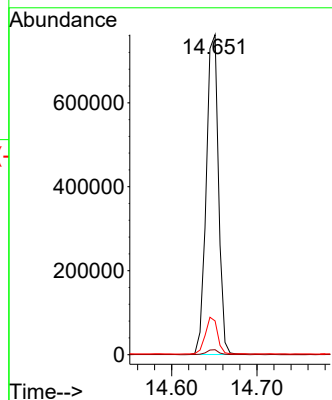
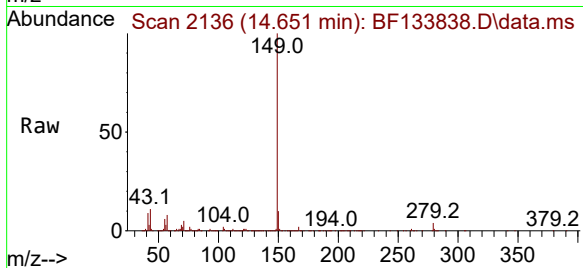
Tgt Ion:149 Resp: 758918

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 11.4 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2289

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

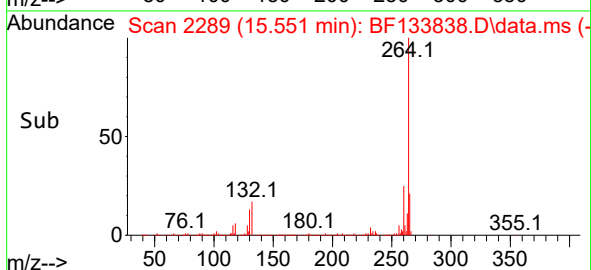
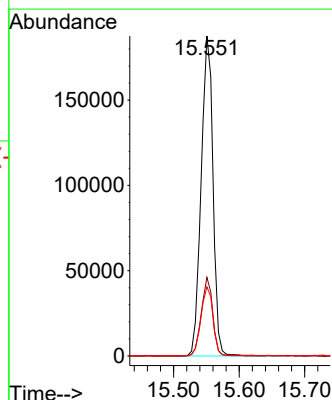
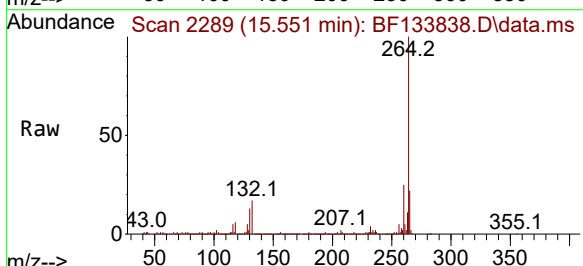
Tgt Ion:264 Resp: 236286

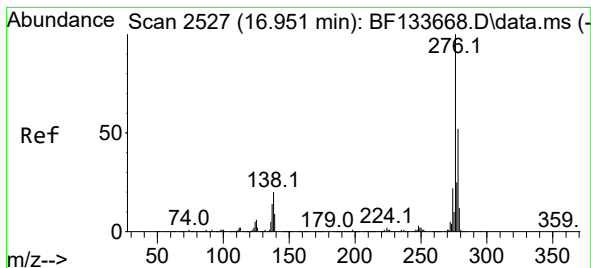
Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.2

265 21.6 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.560 ng

RT: 17.104 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

Instrument :

BNA_F

ClientSampleId :

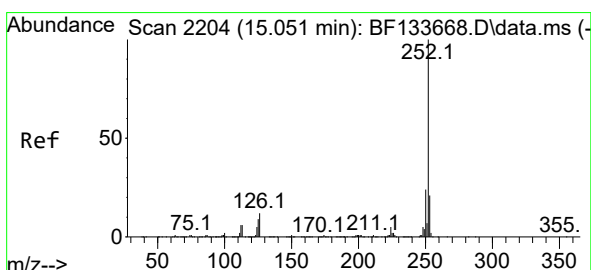
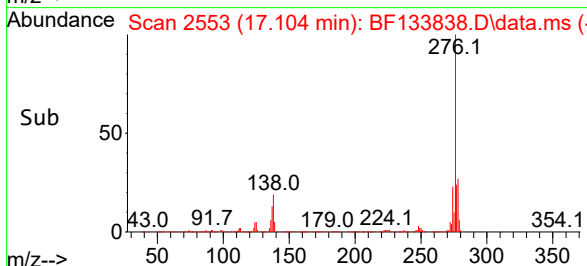
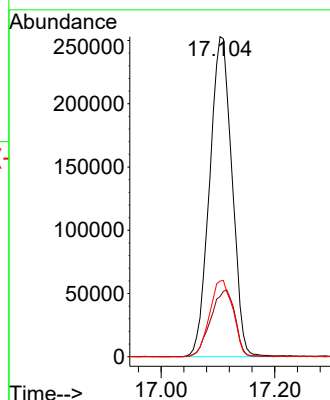
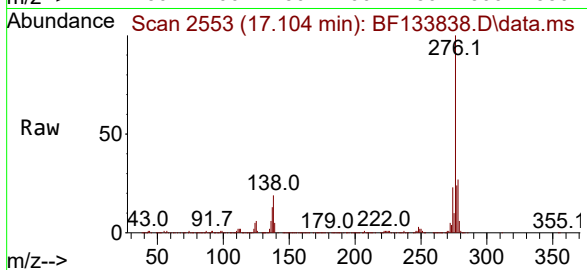
Tgt Ion:276 Resp: 691854

Ion Ratio Lower Upper

276 100

138 22.7 17.9 26.9

277 25.0 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 43.364 ng

RT: 15.110 min Scan# 2214

Delta R.T. 0.000 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

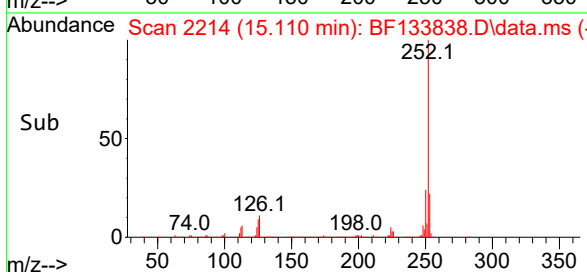
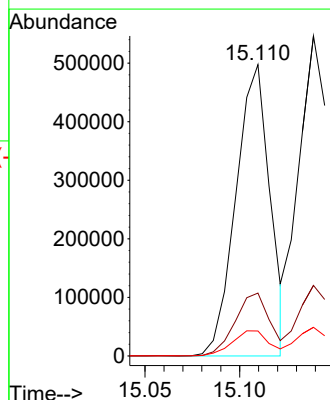
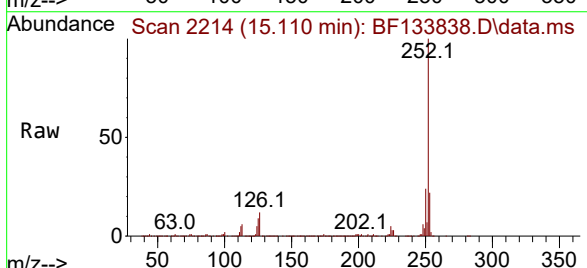
Tgt Ion:252 Resp: 622414

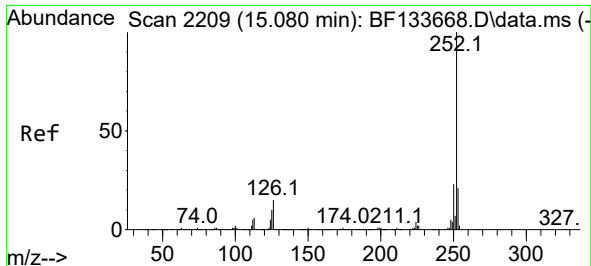
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 8.6 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 42.702 ng

RT: 15.139 min Scan# 2219

Delta R.T. 0.000 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

Instrument :

BNA_F

ClientSampleId :

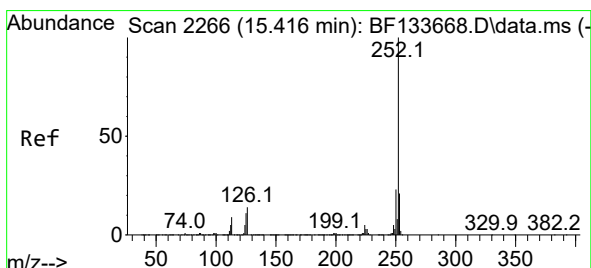
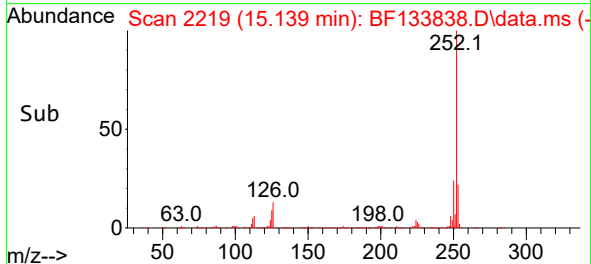
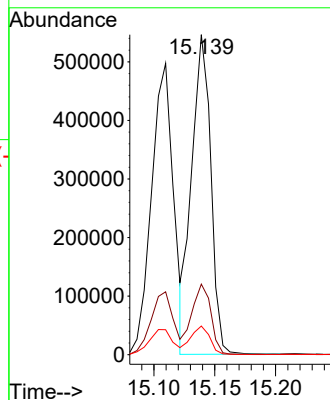
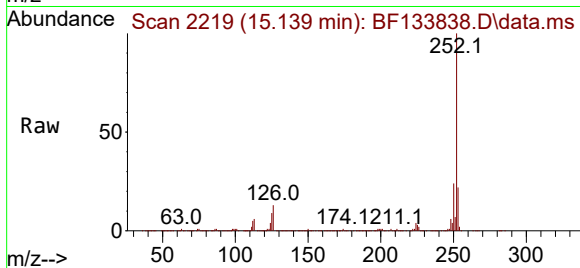
Tgt Ion:252 Resp: 597051

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

125 9.0 7.8 11.6



#90

Benzo(a)pyrene

Concen: 42.084 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF133838.D

Acq: 19 Jun 2023 17:40

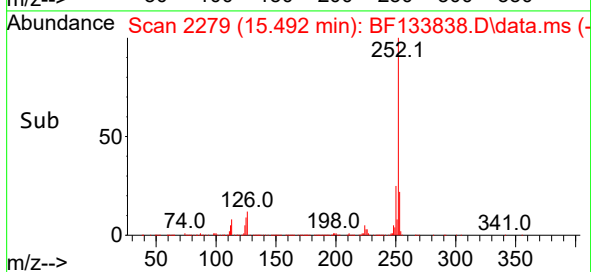
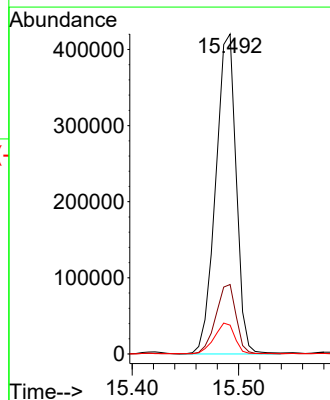
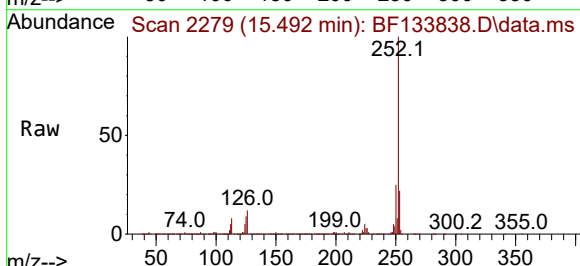
Tgt Ion:252 Resp: 560607

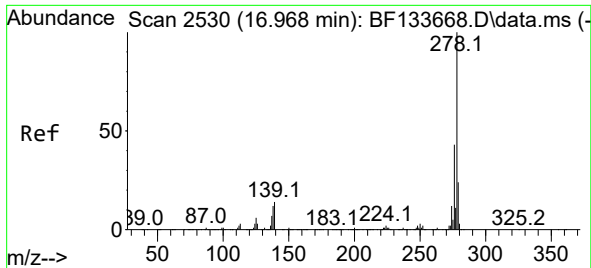
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 9.0 8.6 13.0

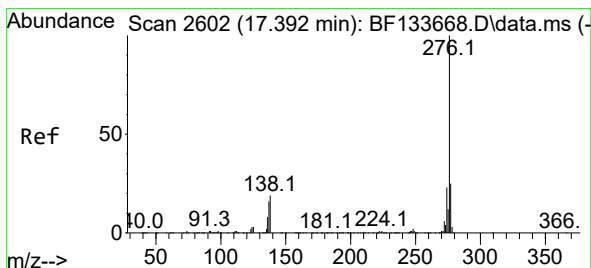
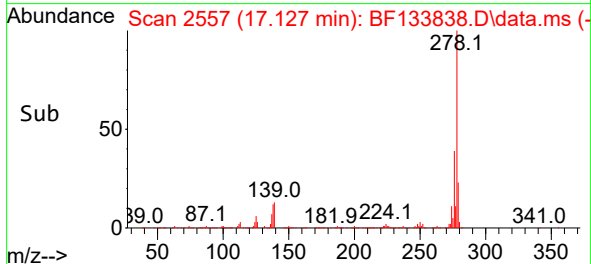
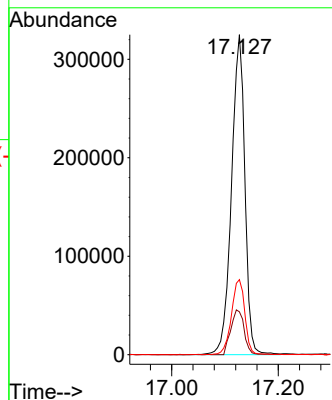
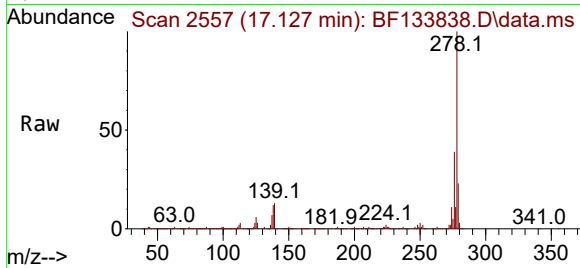




#91
Dibenzo(a,h)anthracene
Concen: 42.209 ng
RT: 17.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 568055
Ion Ratio Lower Upper
278 100
139 13.4 11.4 17.2
279 23.5 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 39.594 ng
RT: 17.580 min Scan# 2634
Delta R.T. -0.006 min
Lab File: BF133838.D
Acq: 19 Jun 2023 17:40

Tgt Ion:276 Resp: 528312
Ion Ratio Lower Upper
276 100
277 24.3 19.8 29.8
138 19.5 15.0 22.4

