

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133293.D
 Acq On : 08 May 2023 14:14
 Operator : CG\JU
 Sample : PB152599BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152599BS

Quant Time: May 09 05:04:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	200026	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	832728	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	443600	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	783024	20.000	ng	# 0.00
76) Chrysene-d12	13.880	240	455602	20.000	ng	0.00
86) Perylene-d12	15.292	264	388166	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1370226	103.480	ng	0.02
7) Phenol-d6	6.375	99	1689789	102.814	ng	0.00
23) Nitrobenzene-d5	7.292	82	1039684	67.392	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	431876	96.806	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1834141	69.173	ng	0.00
79) Terphenyl-d14	12.827	244	1877348	71.066	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.493	88	267092	43.487	ng	98
3) Pyridine	3.181	79	653084	40.035	ng	98
4) n-Nitrosodimethylamine	3.146	42	353583	41.847	ng	98
6) Aniline	6.386	93	737962	34.862	ng	# 24
8) 2-Chlorophenol	6.510	128	613547	45.636	ng	98
9) Benzaldehyde	6.269	77	342336	48.580	ng	97
10) Phenol	6.386	94	731000	40.317	ng	# 72
11) bis(2-Chloroethyl)ether	6.463	93	577117	42.417	ng	100
12) 1,3-Dichlorobenzene	6.663	146	648925	45.399	ng	99
13) 1,4-Dichlorobenzene	6.739	146	654141	45.663	ng	99
14) 1,2-Dichlorobenzene	6.892	146	606837	45.948	ng	97
15) Benzyl Alcohol	6.875	79	467970	41.220	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.004	45	956796	40.488	ng	93
17) 2-Methylphenol	6.992	107	520223	42.258	ng	97
18) Hexachloroethane	7.234	117	236413	47.468	ng	94
19) n-Nitroso-di-n-propyla...	7.145	70	409908	40.062	ng	95
20) 3+4-Methylphenols	7.145	107	616660	42.535	ng	# 77
22) Acetophenone	7.133	105	847036	43.911	ng	# 95
24) Nitrobenzene	7.310	77	644642	41.236	ng	98
25) Isophorone	7.551	82	1230194	41.998	ng	100
26) 2-Nitrophenol	7.628	139	351937	46.674	ng	95
27) 2,4-Dimethylphenol	7.675	122	591371	45.738	ng	97
28) bis(2-Chloroethoxy)met...	7.763	93	740218	42.717	ng	99
29) 2,4-Dichlorophenol	7.875	162	534460	45.407	ng	96
30) 1,2,4-Trichlorobenzene	7.951	180	535044	43.878	ng	99
31) Naphthalene	8.033	128	1773140	42.589	ng	100
32) Benzoic acid	7.810	122	333157	41.715	ng	99
33) 4-Chloroaniline	8.081	127	421062	25.031	ng	99
34) Hexachlorobutadiene	8.151	225	295164	43.673	ng	99
35) Caprolactam	8.463	113	128884	32.595	ng	94
36) 4-Chloro-3-methylphenol	8.575	107	579267	45.637	ng	95
37) 2-Methylnaphthalene	8.722	142	1186590	41.687	ng	98
38) 1-Methylnaphthalene	8.822	142	1113562	41.820	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	486541	40.793	ng	99
41) Hexachlorocyclopentadiene	8.880	237	597776	85.937	ng	98
43) 2,4,6-Trichlorophenol	9.004	196	355379	43.084	ng	99

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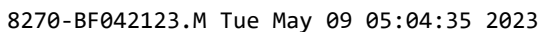
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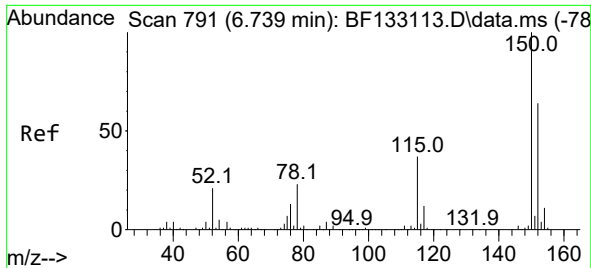
Quant Time: May 09 05:04:30 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	384622	40.319	ng	99
46) 1,1'-Biphenyl	9.186	154	1466389	41.688	ng	100
47) 2-Chloronaphthalene	9.210	162	1109233	43.083	ng	99
48) 2-Nitroaniline	9.310	65	358917	42.181	ng	96
49) Acenaphthylene	9.622	152	1711045	41.592	ng	99
50) Dimethylphthalate	9.492	163	1316569	42.564	ng	99
51) 2,6-Dinitrotoluene	9.551	165	300349	43.142	ng	97
52) Acenaphthene	9.798	154	1076278	39.063	ng	99
53) 3-Nitroaniline	9.722	138	259588	31.360	ng	96
54) 2,4-Dinitrophenol	9.827	184	310717	88.792	ng	96
55) Dibenzofuran	9.969	168	1514755	40.303	ng	97
56) 4-Nitrophenol	9.892	139	505816	78.894	ng	87
57) 2,4-Dinitrotoluene	9.957	165	386713	43.557	ng	94
58) Fluorene	10.310	166	1124828	40.850	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	316903	42.850	ng	99
60) Diethylphthalate	10.192	149	1223978	41.893	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	540800	40.302	ng	96
62) 4-Nitroaniline	10.339	138	333717	43.863	ng	97
63) Azobenzene	10.463	77	1242971	40.160	ng	99
65) 4,6-Dinitro-2-methylph...	10.363	198	224371	47.275	ng	77
66) n-Nitrosodiphenylamine	10.427	169	1061384	41.788	ng	98
67) 4-Bromophenyl-phenylether	10.792	248	351207	41.356	ng	97
68) Hexachlorobenzene	10.857	284	371120	42.648	ng	94
69) Atrazine	10.957	200	358125	48.933	ng	98
70) Pentachlorophenol	11.057	266	410735	66.274	ng	96
71) Phenanthrene	11.269	178	1706664	40.553	ng	99
72) Anthracene	11.321	178	1742263	40.452	ng	99
73) Carbazole	11.474	167	1615572	42.127	ng	99
74) Di-n-butylphthalate	11.810	149	1907485	43.952	ng	99
75) Fluoranthene	12.457	202	1685315	39.901	ng	96
77) Benzidine	12.580	184	1051313	136.455	ng	# 93
78) Pyrene	12.680	202	1755227	44.942	ng	98
80) Butylbenzylphthalate	13.304	149	752191	54.394	ng	96
81) Benzo(a)anthracene	13.868	228	1240614	39.598	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	297446	34.367	ng	99
83) Chrysene	13.910	228	1260104	40.230	ng	100
84) Bis(2-ethylhexyl)phtha...	13.868	149	843894	48.619	ng	99
85) Di-n-octyl phthalate	14.474	149	1399045	49.432	ng	97
87) Indeno(1,2,3-cd)pyrene	16.674	276	1054802	47.773	ng	98
88) Benzo(b)fluoranthene	14.892	252	1061306	42.977	ng	99
89) Benzo(k)fluoranthene	14.921	252	1076073	43.958	ng	99
90) Benzo(a)pyrene	15.239	252	919915	40.926	ng	98
91) Dibenzo(a,h)anthracene	16.692	278	876040	47.571	ng	97
92) Benzo(g,h,i)perylene	17.086	276	870478	47.879	ng	99

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

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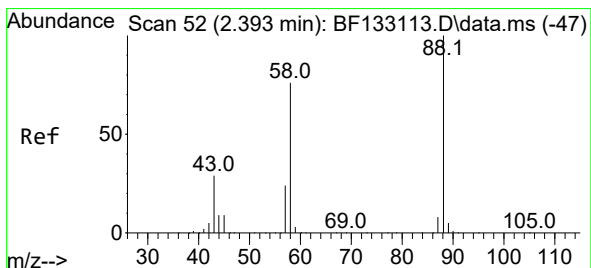
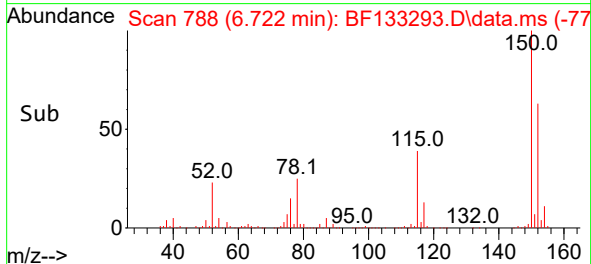
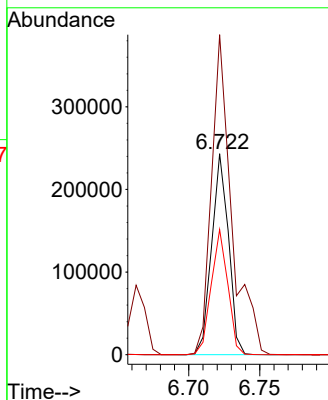
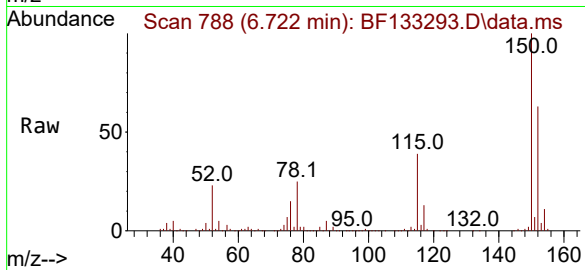




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133293.D
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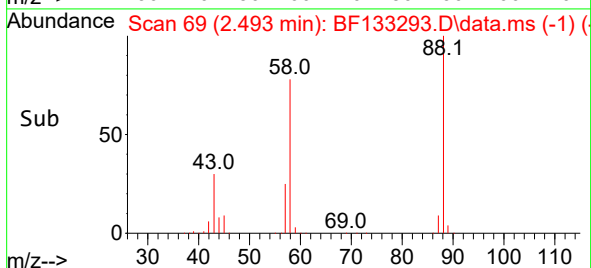
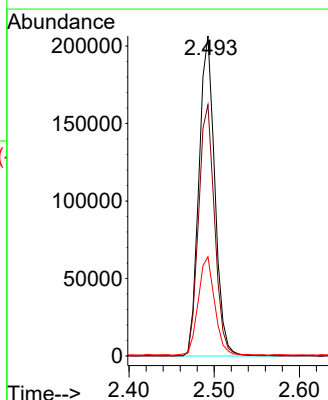
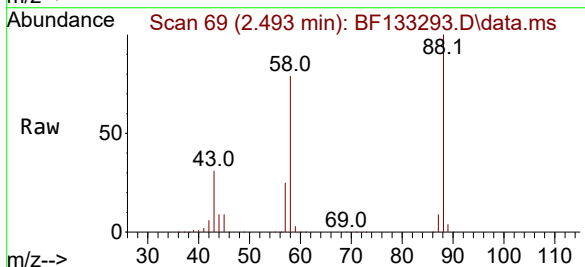
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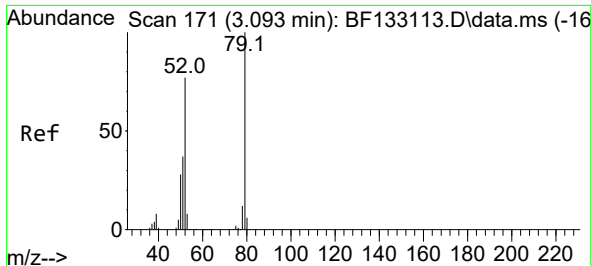
Tgt Ion:152 Resp: 200026
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.8 187.2
 115 62.2 49.9 74.9



#2
 1,4-Dioxane
 Concen: 43.487 ng
 RT: 2.493 min Scan# 69
 Delta R.T. 0.124 min
 Lab File: BF133293.D
 Acq: 08 May 2023 14:14

Tgt Ion: 88 Resp: 267092
 Ion Ratio Lower Upper
 88 100
 58 79.5 64.7 97.1
 43 32.0 26.2 39.2

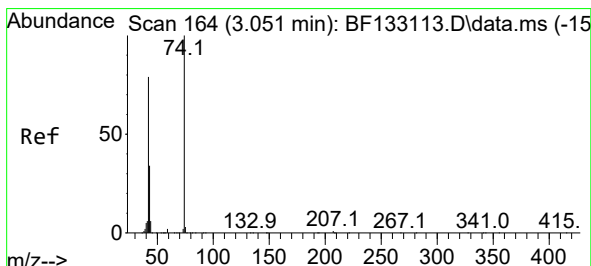
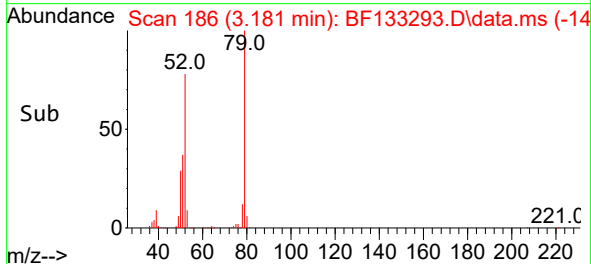
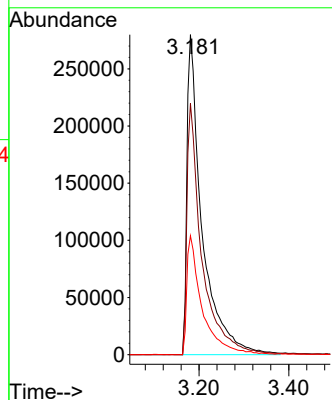
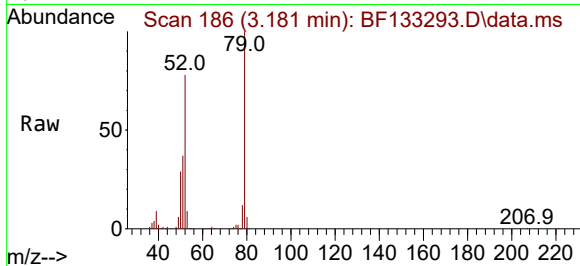




#3
Pyridine
Concen: 40.035 ng
RT: 3.181 min Scan# 11
Delta R.T. 0.118 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

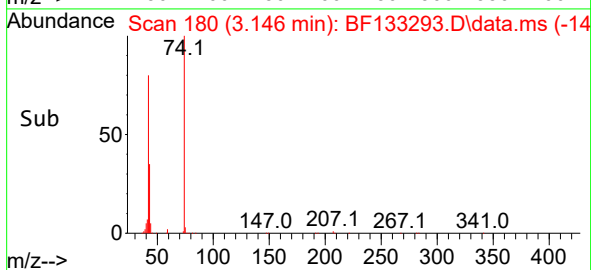
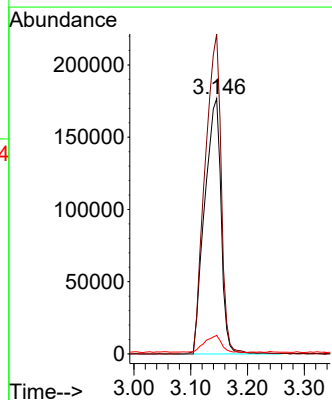
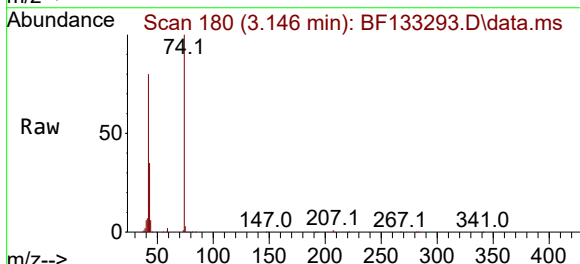
Instrument :
BNA_F
ClientSampleId :
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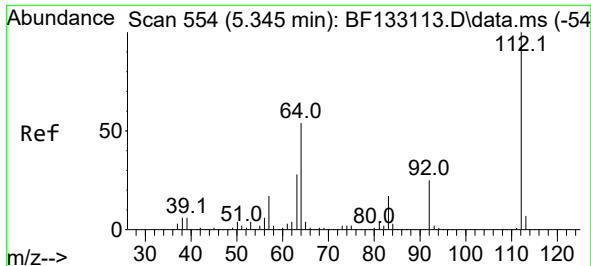
Tgt Ion: 79 Resp: 653084
Ion Ratio Lower Upper
79 100
52 78.5 64.6 96.8
51 37.1 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 41.847 ng
RT: 3.146 min Scan# 180
Delta R.T. 0.112 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion: 42 Resp: 353583
Ion Ratio Lower Upper
42 100
74 125.3 98.0 147.0
44 7.3 5.8 8.8

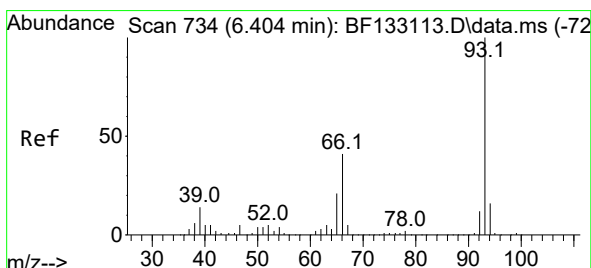
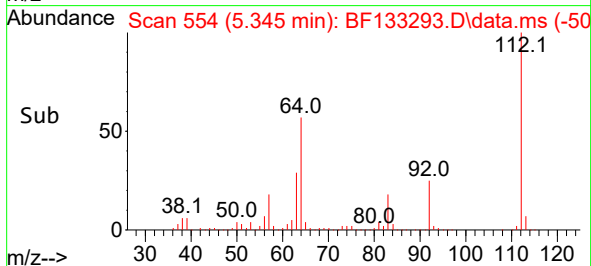
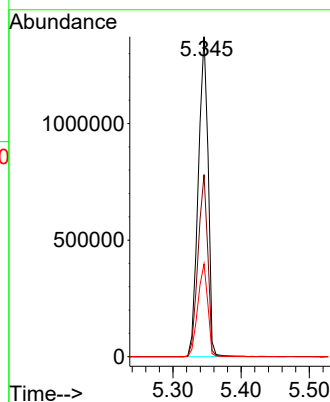
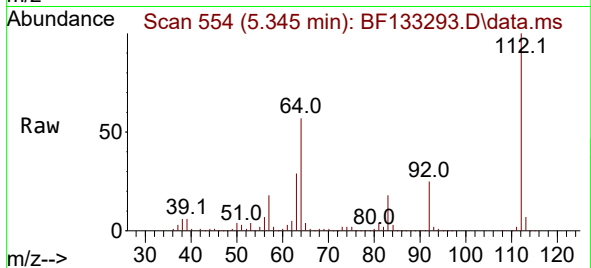




#5
2-Fluorophenol
Concen: 103.480 ng
RT: 5.345 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

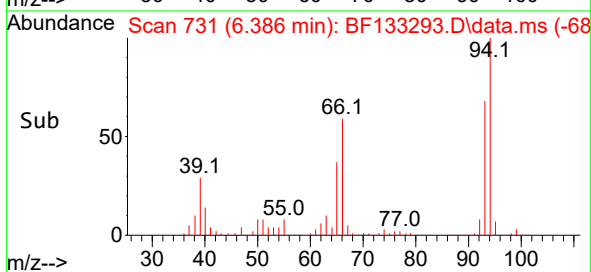
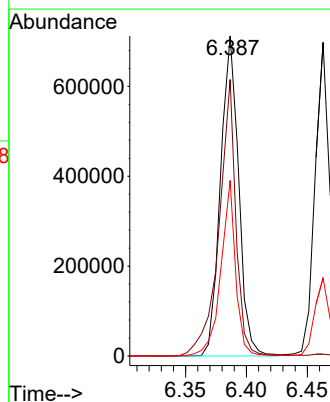
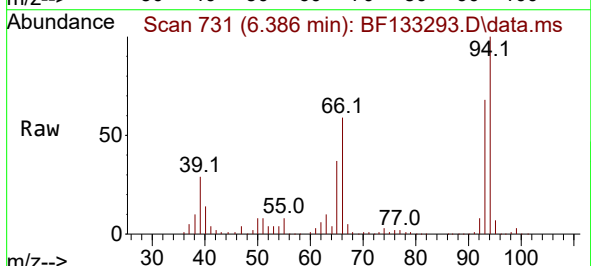
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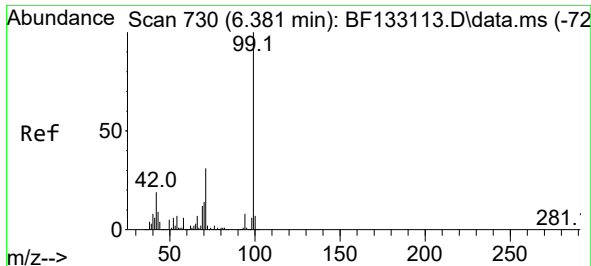
Tgt Ion:112 Resp: 1370226
Ion Ratio Lower Upper
112 100
64 56.9 46.8 70.2
63 29.0 23.8 35.8



#6
Aniline
Concen: 34.862 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion: 93 Resp: 737962
Ion Ratio Lower Upper
93 100
66 86.4 31.5 47.3#
65 54.9 16.4 24.6#





#7

Phenol-d6

Concen: 102.814 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

Instrument :

BNA_F

ClientSampleId :

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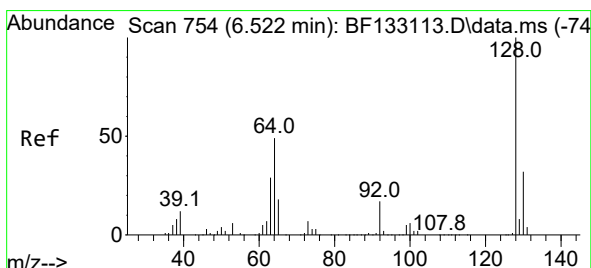
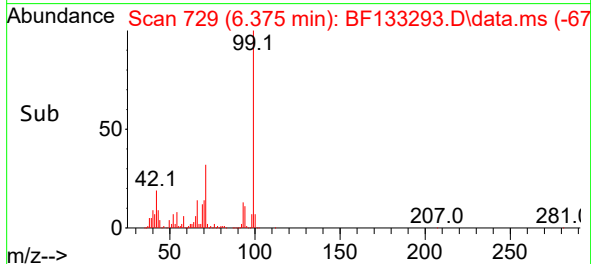
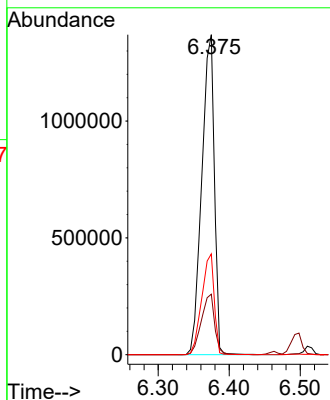
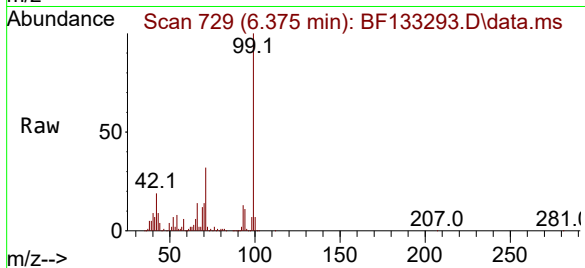
Tgt Ion: 99 Resp: 1689789

Ion Ratio Lower Upper

99 100

42 18.9 16.3 24.5

71 31.5 25.6 38.4



#8

2-Chlorophenol

Concen: 45.636 ng

RT: 6.510 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF133293.D

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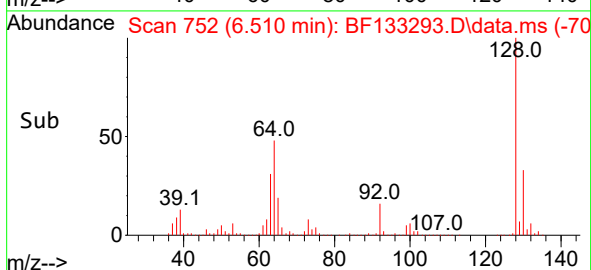
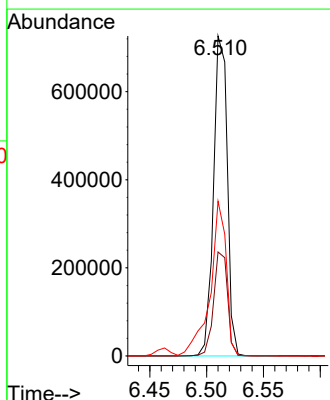
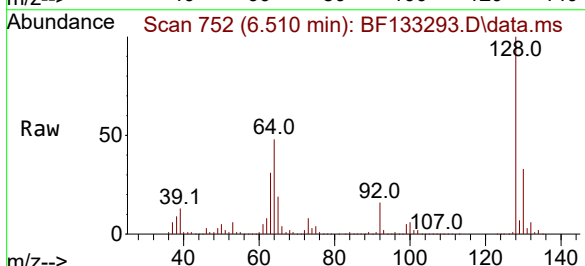
Tgt Ion:128 Resp: 613547

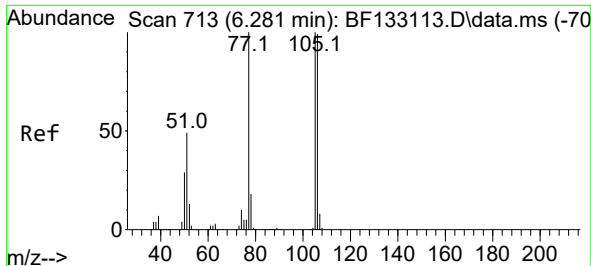
Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

64 48.4 30.3 70.3

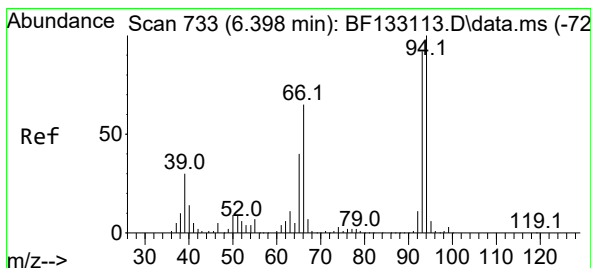
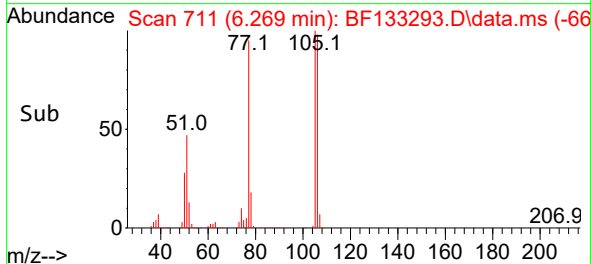
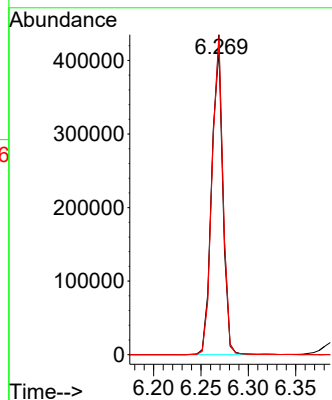
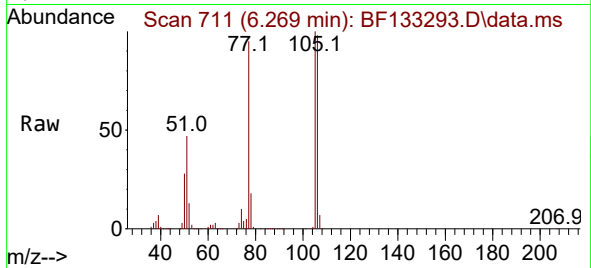




#9
Benzaldehyde
Concen: 48.580 ng
RT: 6.269 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

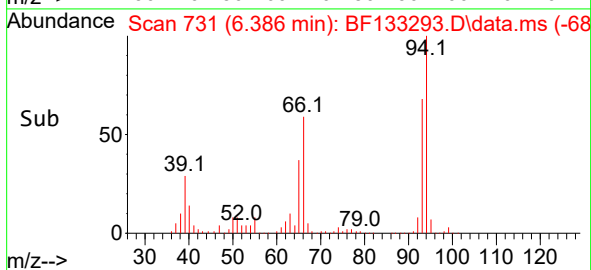
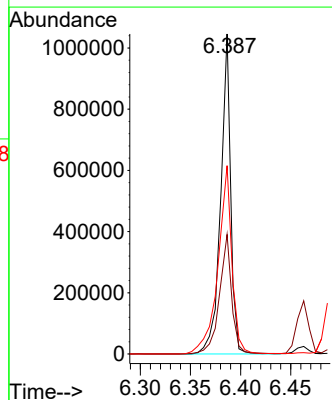
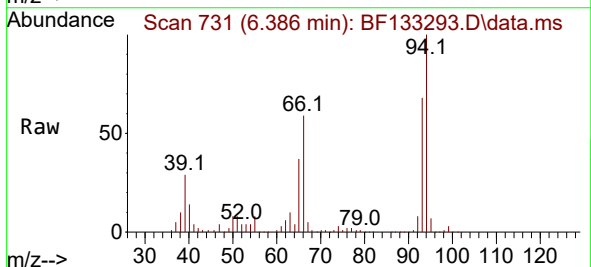
Instrument :
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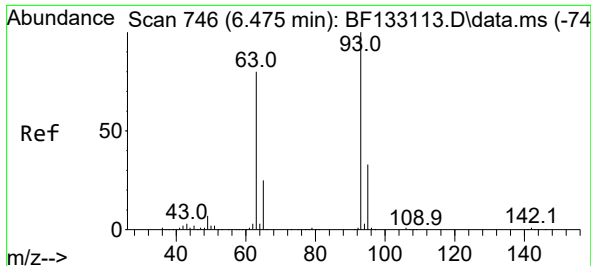
Tgt Ion: 77 Resp: 342336
Ion Ratio Lower Upper
77 100
105 105.2 82.3 122.3
106 103.5 80.8 120.8



#10
Phenol
Concen: 40.317 ng
RT: 6.386 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion: 94 Resp: 731000
Ion Ratio Lower Upper
94 100
65 37.4 8.6 48.6
66 58.9 17.3 57.3#





#11

bis(2-Chloroethyl)ether

Concen: 42.417 ng

RT: 6.463 min Scan# 746

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB152599BS

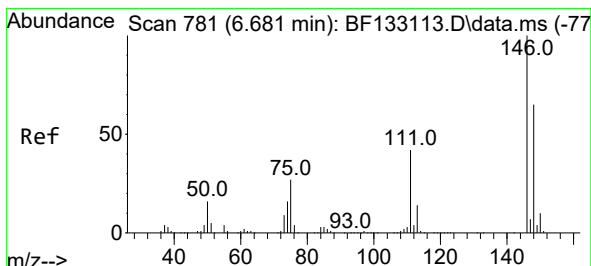
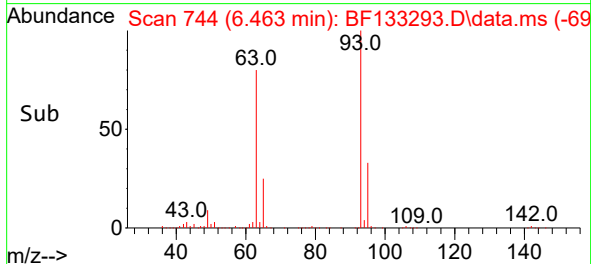
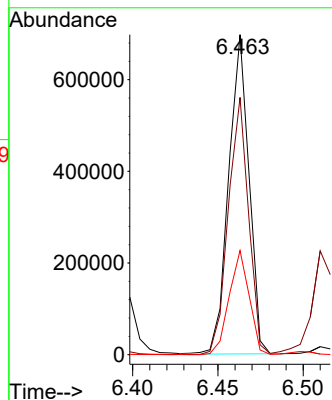
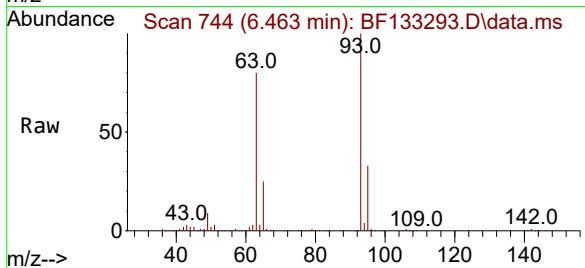
Tgt Ion: 93 Resp: 577117

Ion Ratio Lower Upper

93 100

63 80.4 60.6 100.6

95 32.6 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 45.399 ng

RT: 6.663 min Scan# 778

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

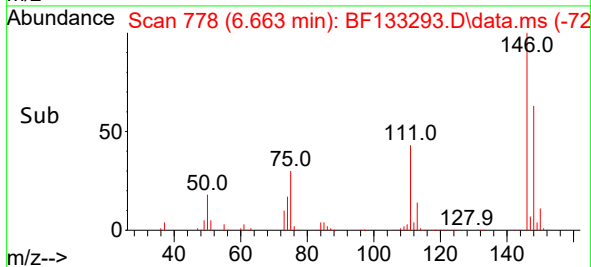
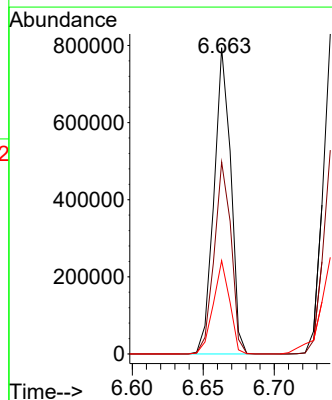
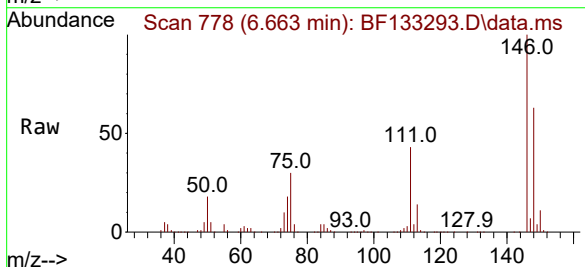
Tgt Ion: 146 Resp: 648925

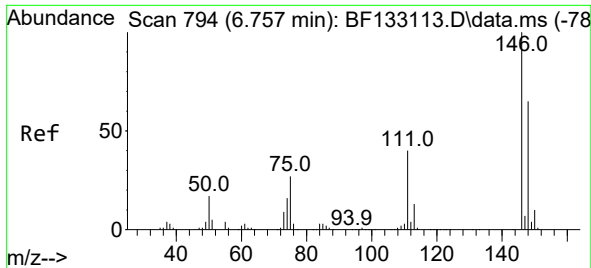
Ion Ratio Lower Upper

146 100

148 62.7 51.0 76.4

75 30.5 24.8 37.2

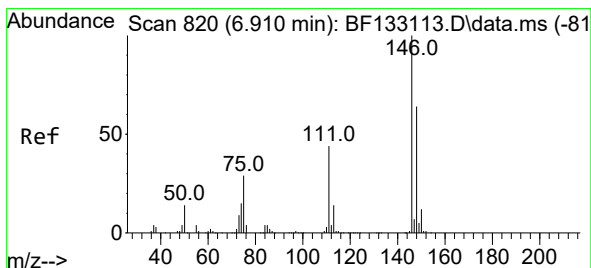
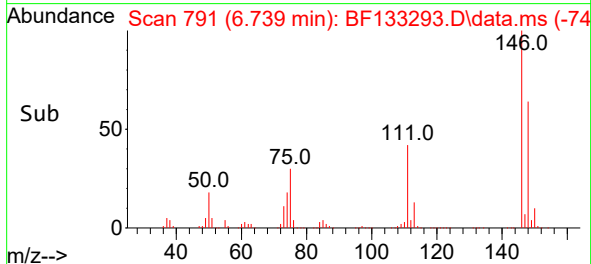
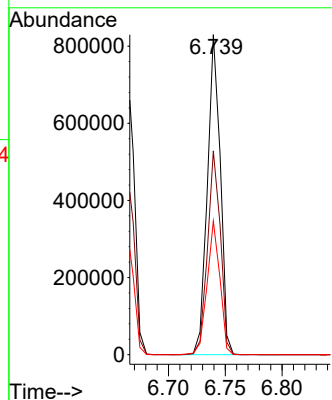
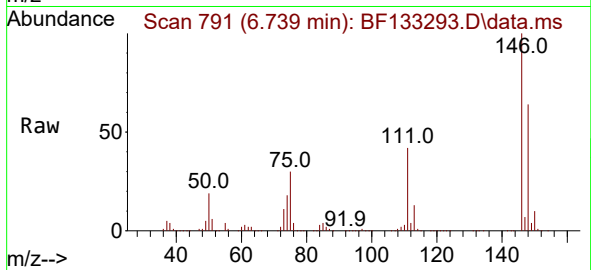




#13
1,4-Dichlorobenzene
Concen: 45.663 ng
RT: 6.739 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

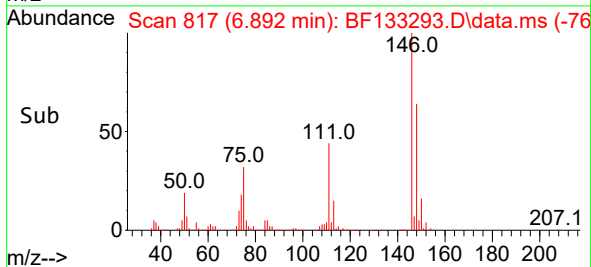
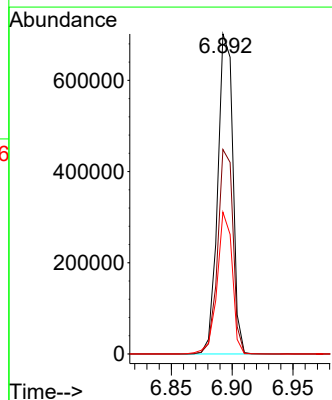
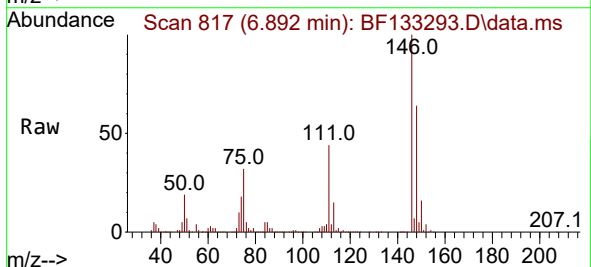
Instrument :
BNA_F
ClientSampleId :
PB152599BS

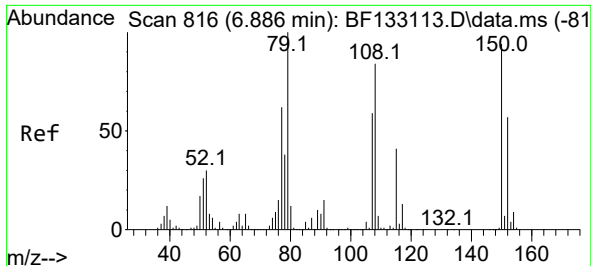
Tgt Ion:146 Resp: 654141
Ion Ratio Lower Upper
146 100
148 63.7 50.3 75.5
111 41.7 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 45.948 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion:146 Resp: 606837
Ion Ratio Lower Upper
146 100
148 63.9 52.2 78.2
111 44.3 32.8 49.2

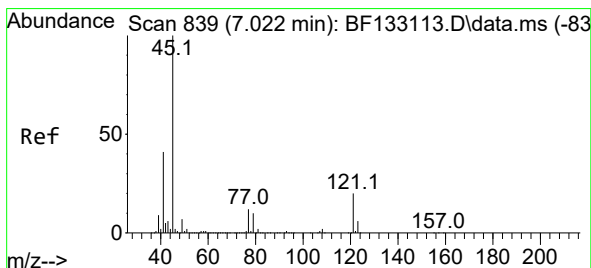
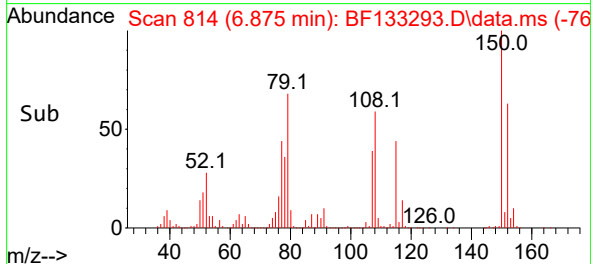
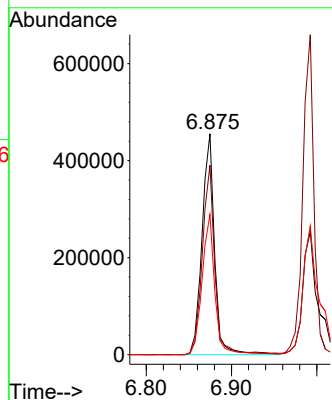
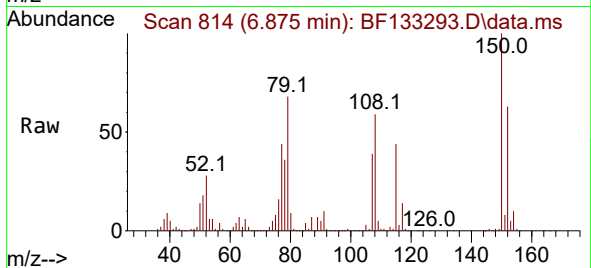




#15
Benzyl Alcohol
Concen: 41.220 ng
RT: 6.875 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

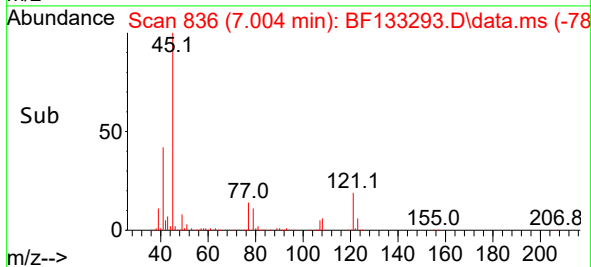
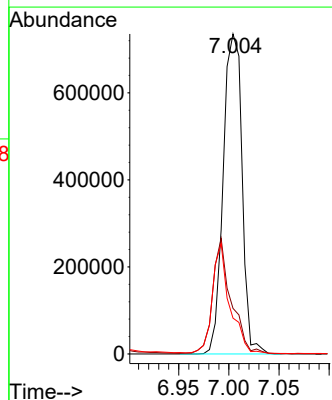
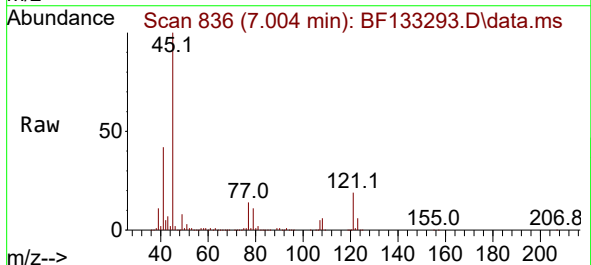
Instrument :
BNA_F
ClientSampleId :
PB152599BS

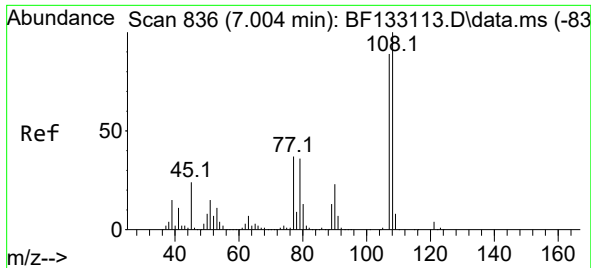
Tgt Ion: 79 Resp: 467970
Ion Ratio Lower Upper
79 100
108 85.7 66.6 99.8
77 63.5 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.488 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion: 45 Resp: 956796
Ion Ratio Lower Upper
45 100
77 14.2 0.0 31.5
79 11.2 0.0 28.7

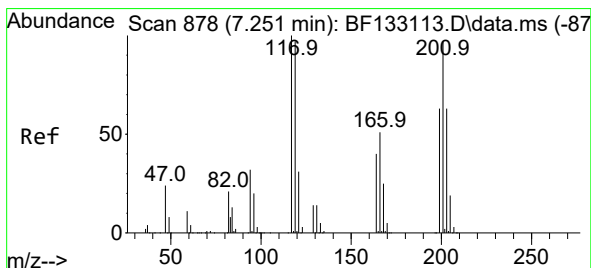
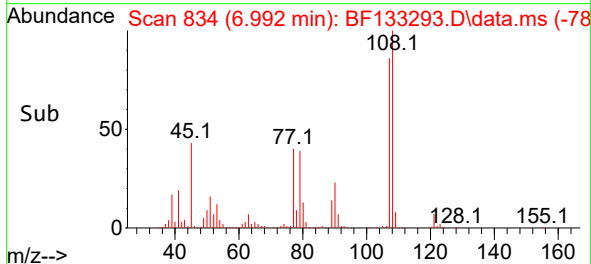
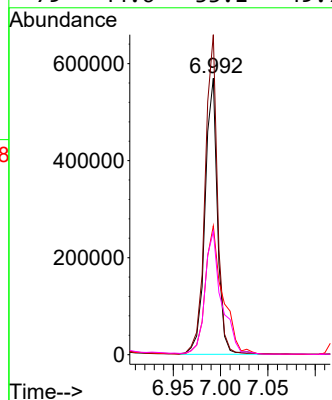
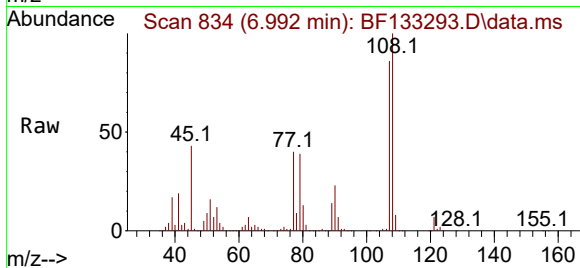




#17
2-Methylphenol
Concen: 42.258 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

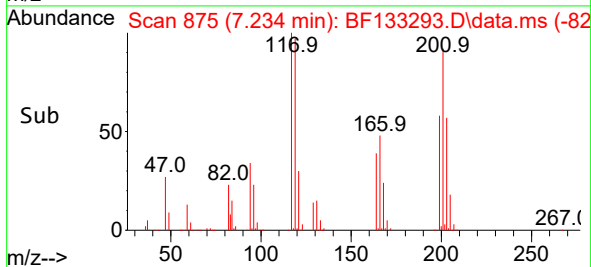
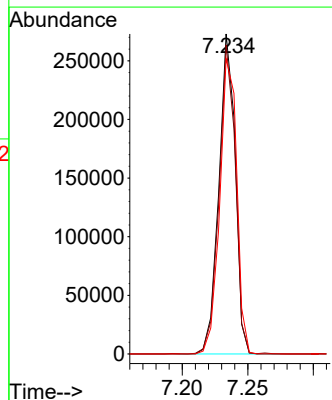
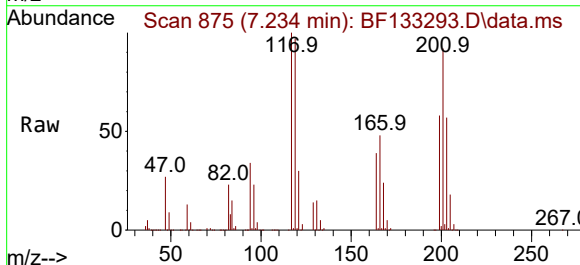
Instrument :
BNA_F
ClientSampleId :
PB152599BS

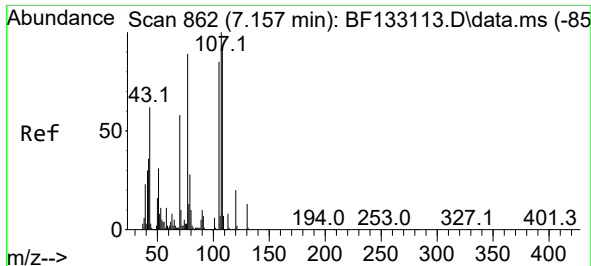
Tgt Ion:107 Resp: 520223
Ion Ratio Lower Upper
107 100
108 115.7 92.4 138.6
77 46.6 33.8 50.8
79 44.6 33.1 49.7



#18
Hexachloroethane
Concen: 47.468 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion:117 Resp: 236413
Ion Ratio Lower Upper
117 100
119 96.6 78.2 117.4
201 92.3 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 40.062 ng

RT: 7.145 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB152599BS

Tgt Ion: 70 Resp: 409908

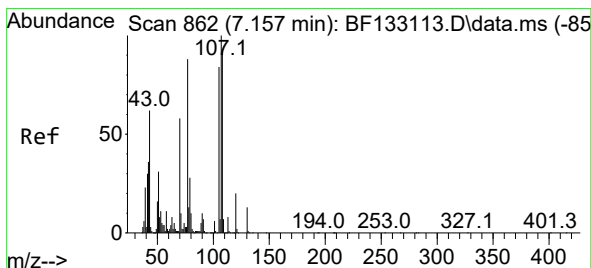
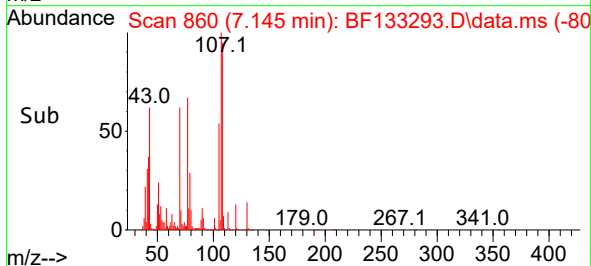
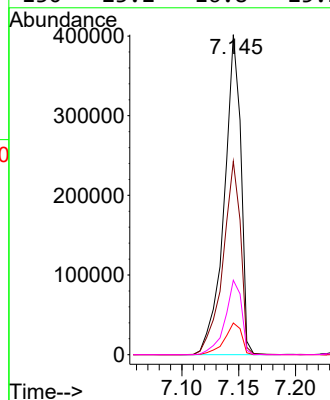
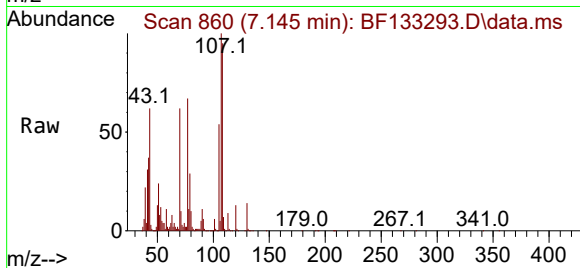
Ion Ratio Lower Upper

70 100

42 60.4 51.8 77.6

101 9.9 8.0 12.0

130 23.2 16.8 25.2



#20

3+4-Methylphenols

Concen: 42.535 ng

RT: 7.145 min Scan# 860

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

Tgt Ion:107 Resp: 616660

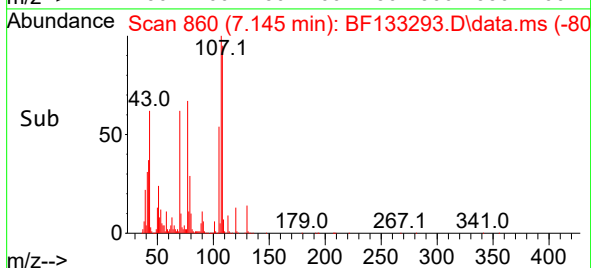
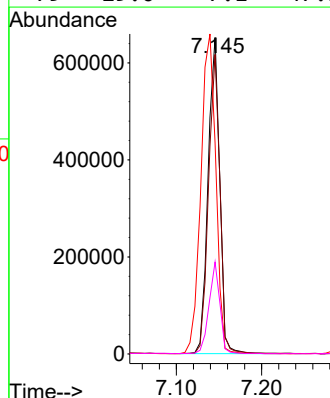
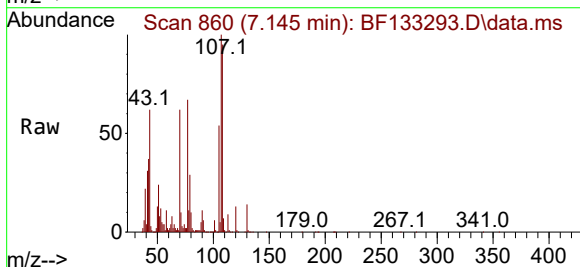
Ion Ratio Lower Upper

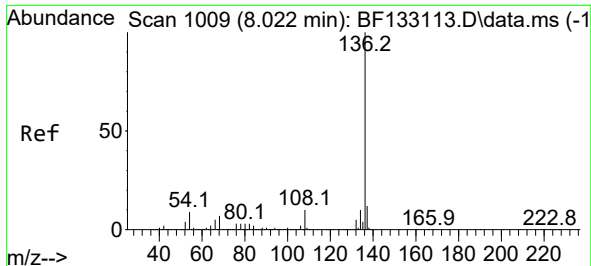
107 100

108 94.6 70.5 110.5

77 66.6 91.7 131.7#

79 29.0 7.1 47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB152599BS

Tgt Ion:136 Resp: 832728

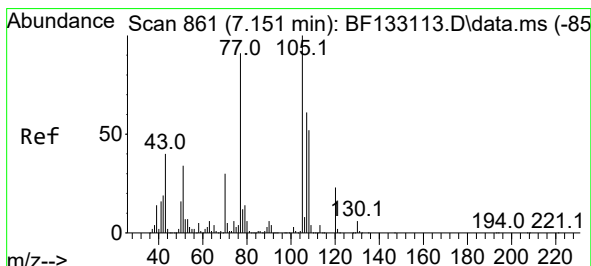
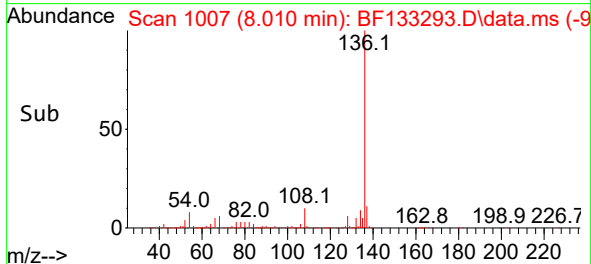
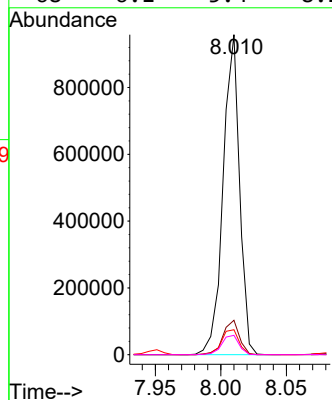
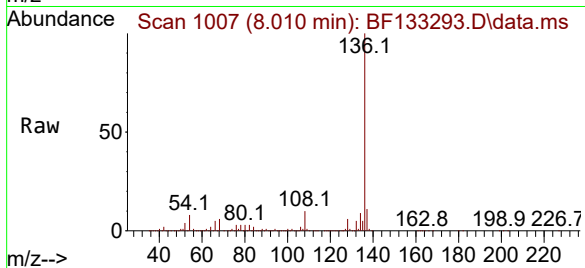
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 7.8 7.0 10.4

68 6.1 5.4 8.2



#22

Acetophenone

Concen: 43.911 ng

RT: 7.133 min Scan# 858

Delta R.T. -0.006 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

Tgt Ion:105 Resp: 847036

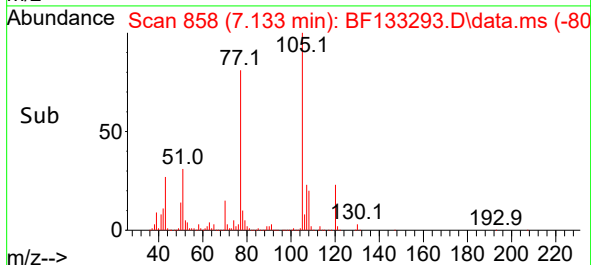
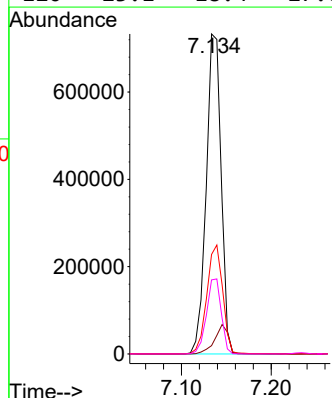
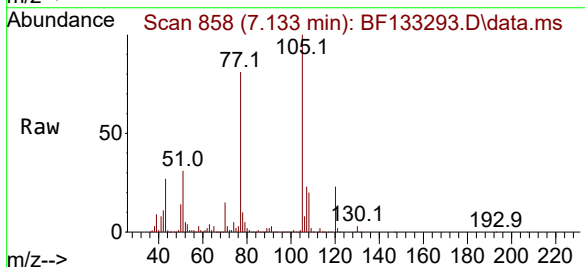
Ion Ratio Lower Upper

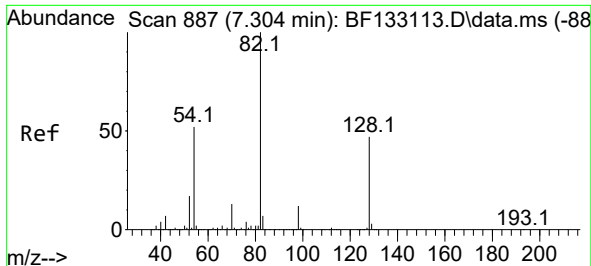
105 100

71 2.6 4.6 7.0#

51 31.1 28.2 42.2

120 23.1 18.4 27.6





#23

Nitrobenzene-d5

Concen: 67.392 ng

RT: 7.292 min Scan# 885

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

Instrument :

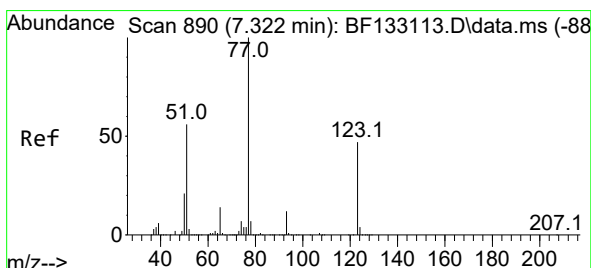
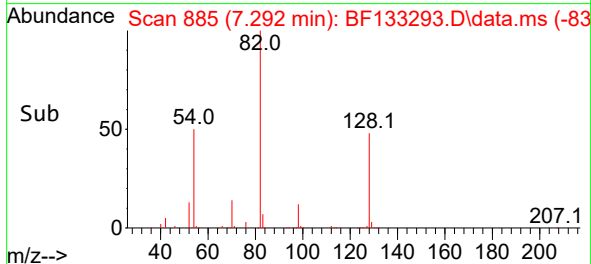
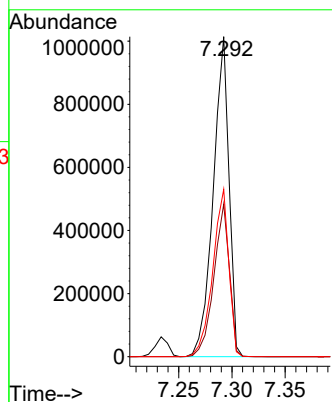
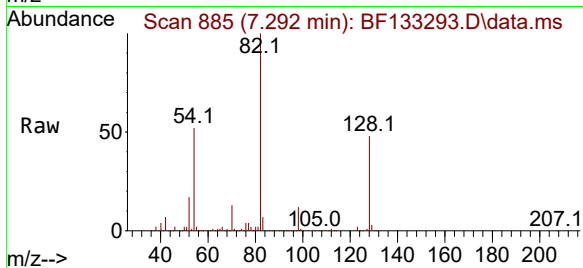
BNA_F

ClientSampleId :

PB152599BS

Tgt Ion: 82 Resp: 1039684

Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.7	56.5
54	52.3	43.0	64.4



#24

Nitrobenzene

Concen: 41.236 ng

RT: 7.310 min Scan# 888

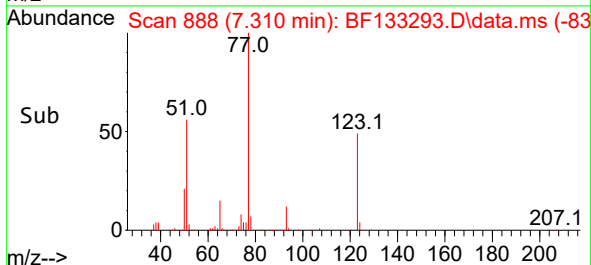
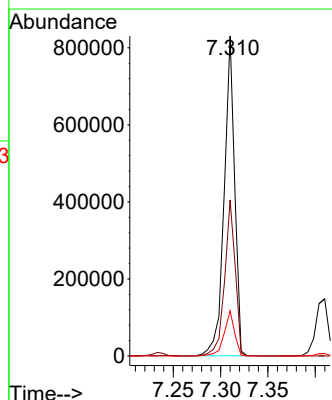
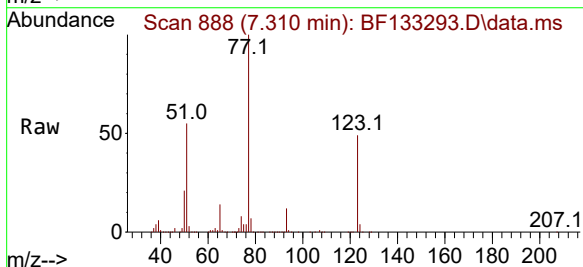
Delta R.T. -0.006 min

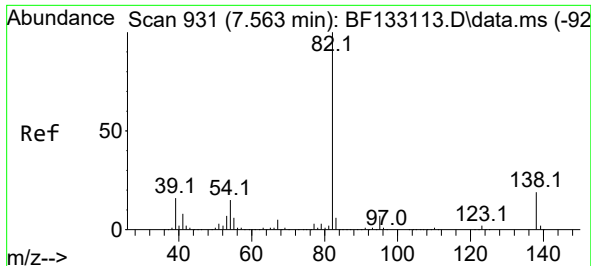
Lab File: BF133293.D

Acq: 08 May 2023 14:14

Tgt Ion: 77 Resp: 644642

Ion	Ratio	Lower	Upper
77	100		
123	48.7	39.9	59.9
65	14.1	10.7	16.1

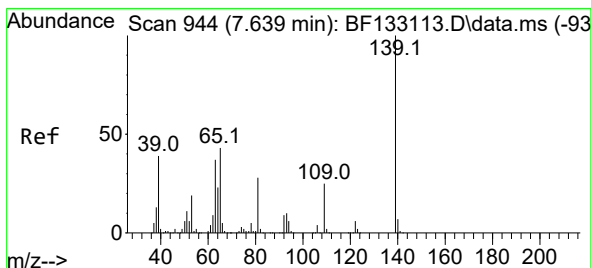
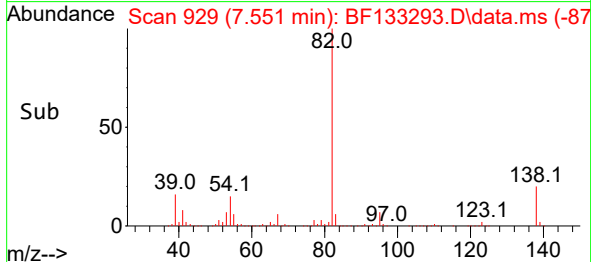
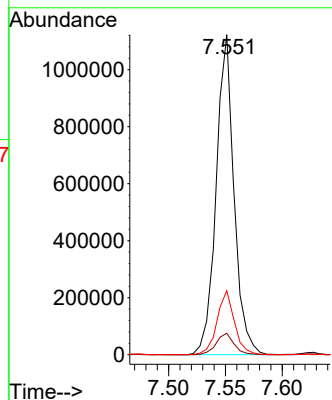
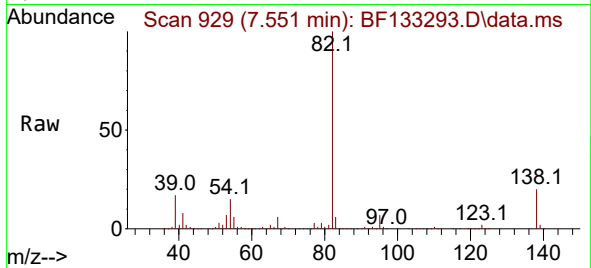




#25
Isophorone
Concen: 41.998 ng
RT: 7.551 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

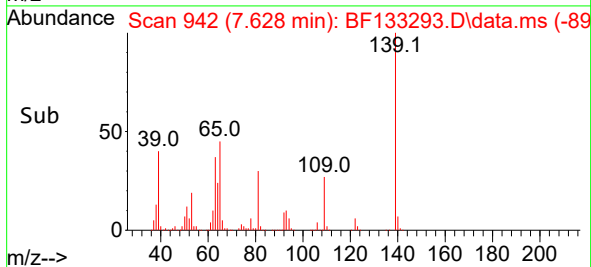
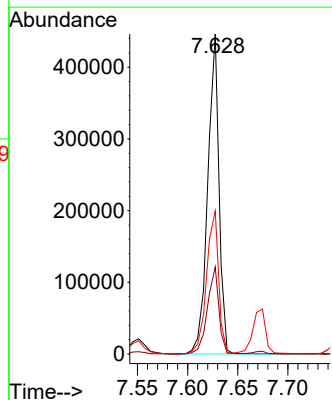
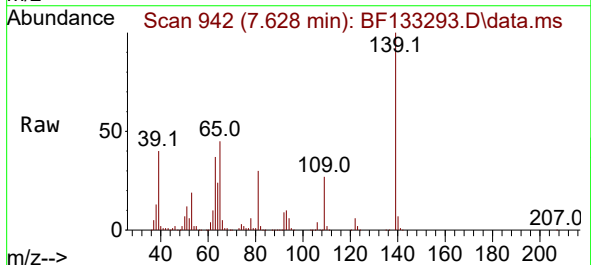
Instrument :
BNA_F
ClientSampleId :
PB152599BS

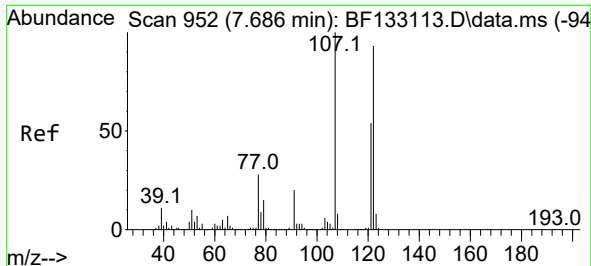
Tgt Ion: 82 Resp: 1230194
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 20.0 16.0 24.0



#26
2-Nitrophenol
Concen: 46.674 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion: 139 Resp: 351937
Ion Ratio Lower Upper
139 100
109 27.2 21.6 32.4
65 44.7 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 45.738 ng

RT: 7.675 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133293.D

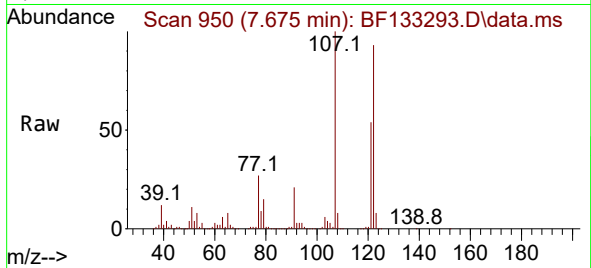
Acq: 08 May 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB152599BS



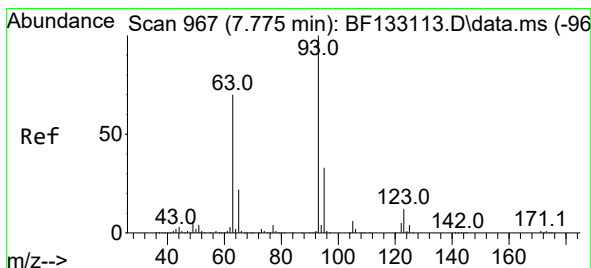
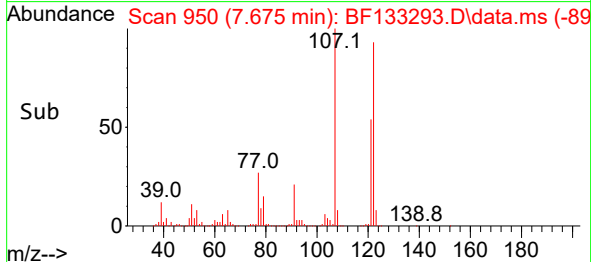
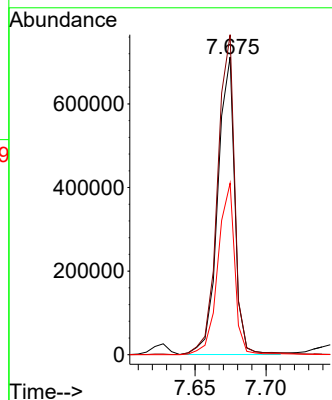
Tgt Ion:122 Resp: 591371

Ion Ratio Lower Upper

122 100

107 107.5 89.7 134.5

121 57.6 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 42.717 ng

RT: 7.763 min Scan# 965

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

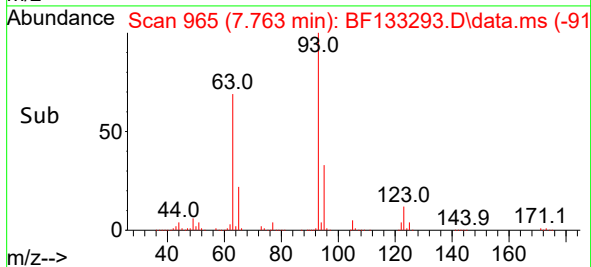
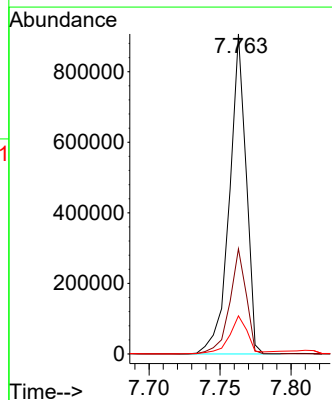
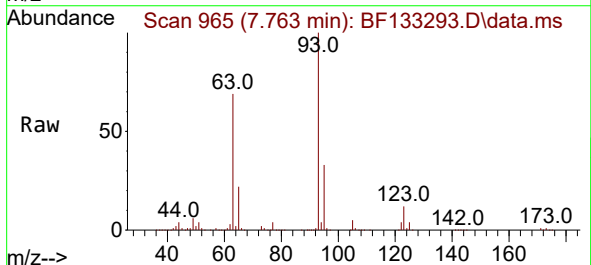
Tgt Ion: 93 Resp: 740218

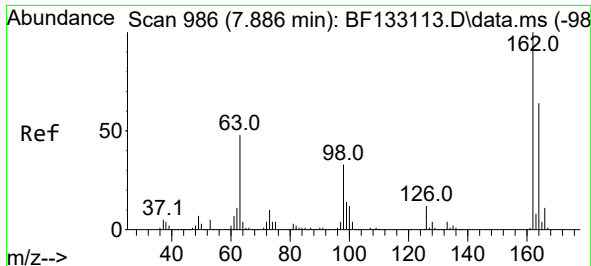
Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

123 11.9 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 45.407 ng

RT: 7.875 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB152599BS

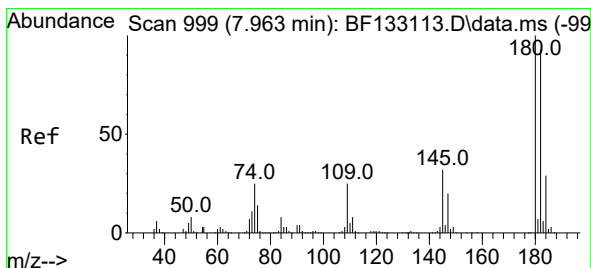
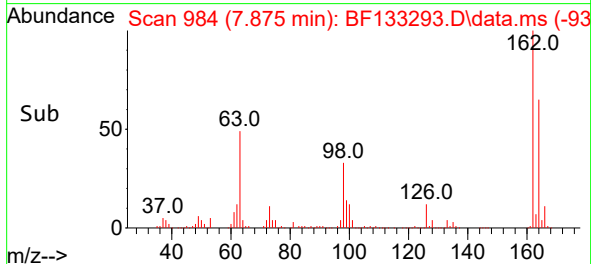
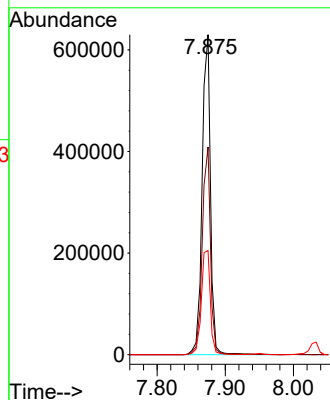
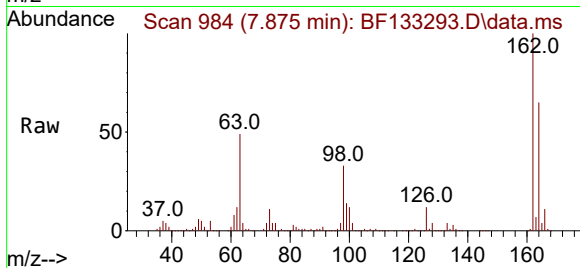
Tgt Ion:162 Resp: 534460

Ion Ratio Lower Upper

162 100

164 64.9 43.9 83.9

98 32.6 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 43.878 ng

RT: 7.951 min Scan# 997

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

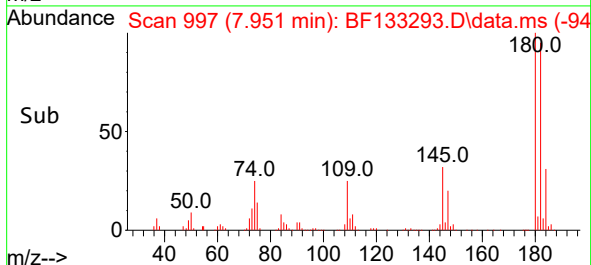
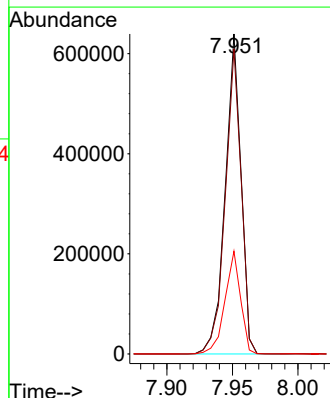
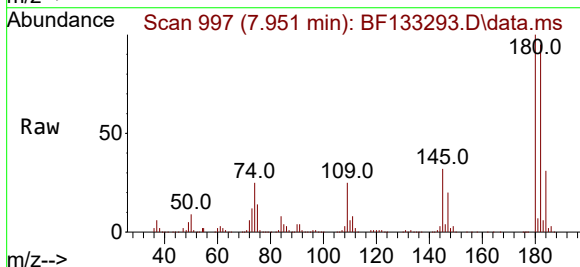
Tgt Ion:180 Resp: 535044

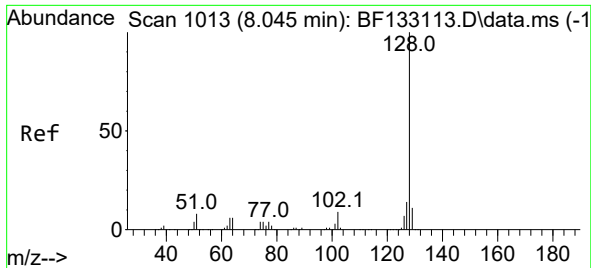
Ion Ratio Lower Upper

180 100

182 95.3 75.9 113.9

145 32.1 25.3 37.9

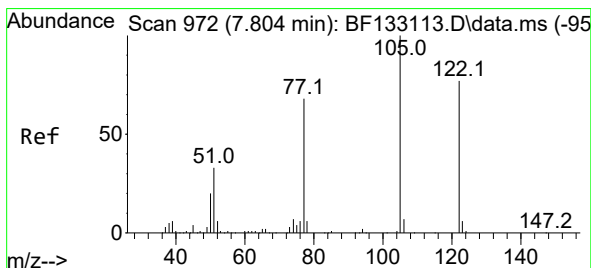
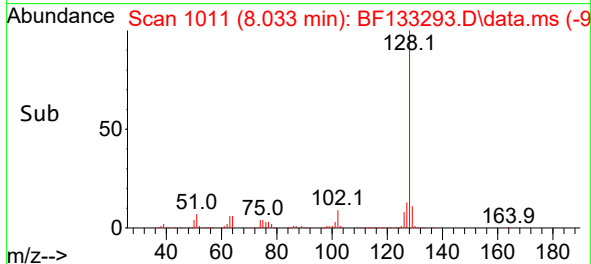
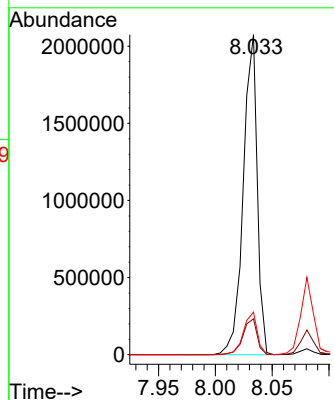
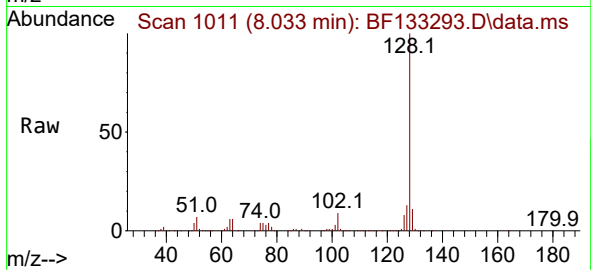




#31
Naphthalene
Concen: 42.589 ng
RT: 8.033 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

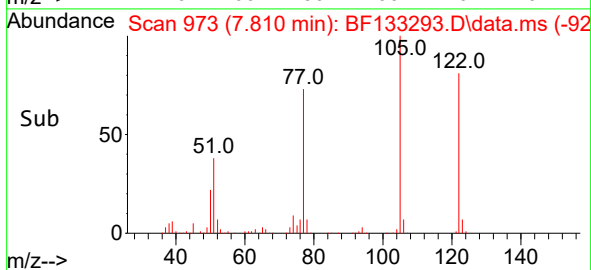
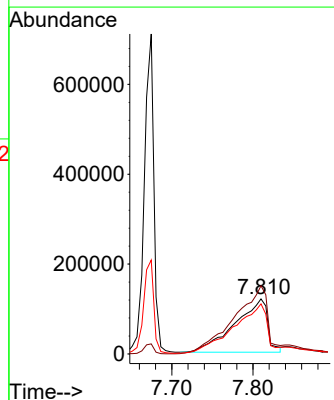
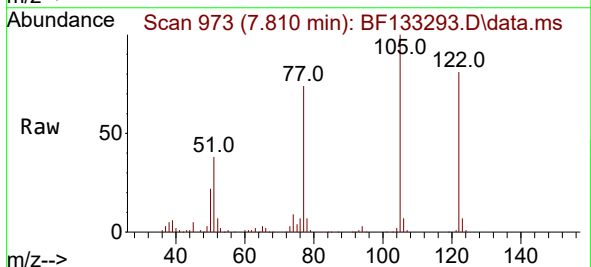
Instrument :
BNA_F
ClientSampleId :
PB152599BS

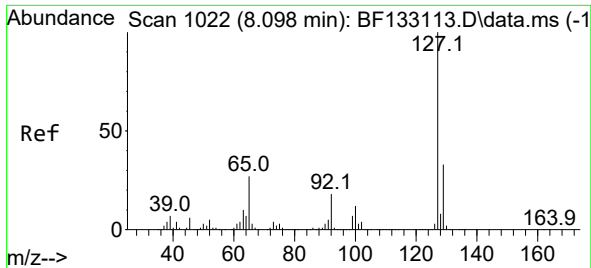
Tgt Ion:128 Resp: 1773140
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 41.715 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.006 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion:122 Resp: 333157
Ion Ratio Lower Upper
122 100
105 123.9 104.2 144.2
77 91.2 69.7 109.7

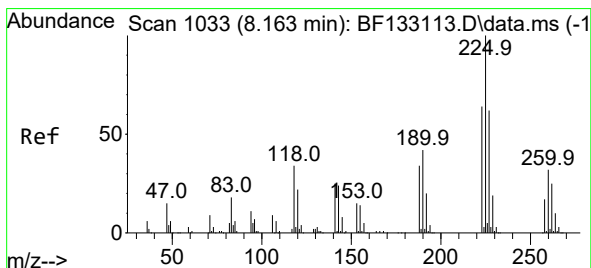
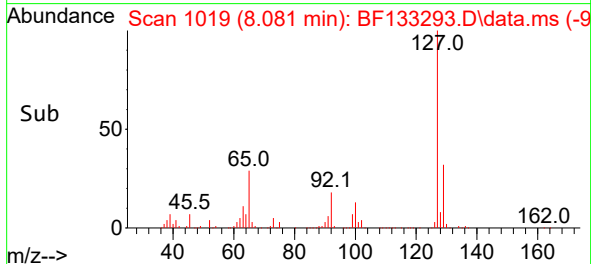
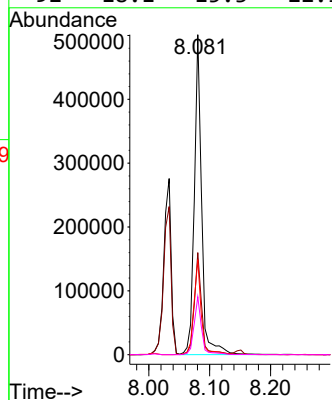
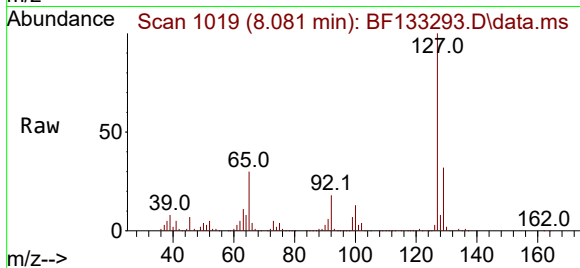




#33
4-Chloroaniline
Concen: 25.031 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

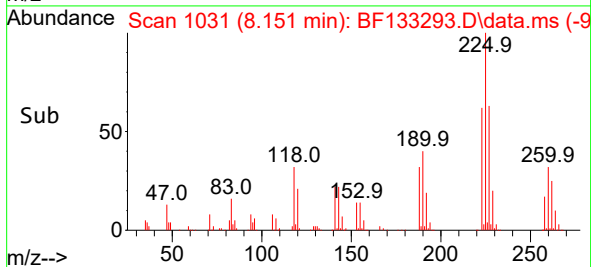
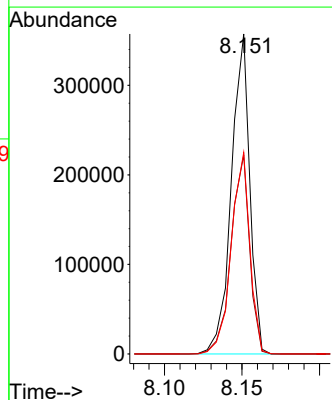
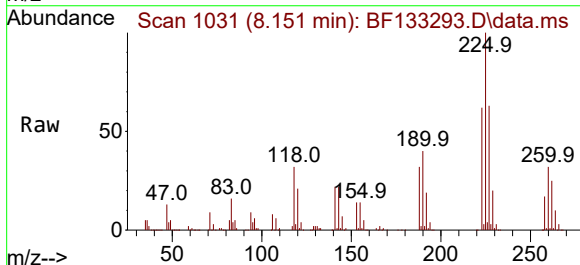
Instrument :
BNA_F
ClientSampleId :
PB152599BS

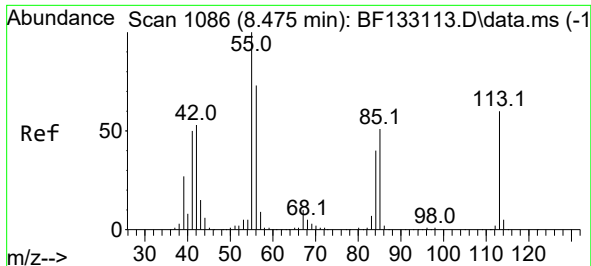
Tgt Ion:	127	Resp:	421062
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	29.7	23.6	35.4
92	18.1	15.3	22.9



#34
Hexachlorobutadiene
Concen: 43.673 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion:	225	Resp:	295164
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.9	76.3
227	63.0	50.3	75.5

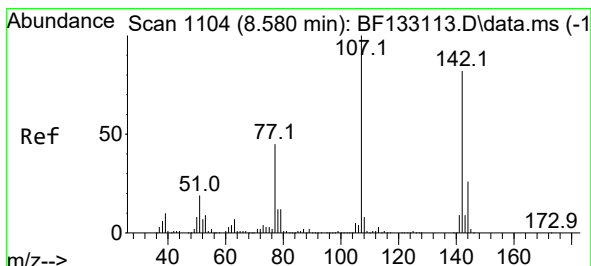
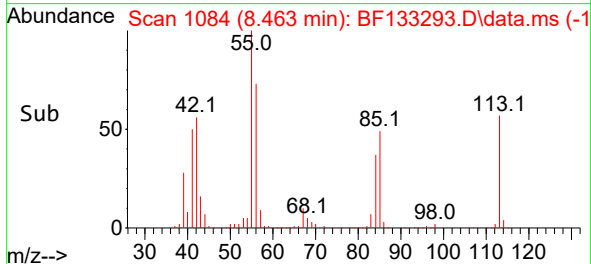
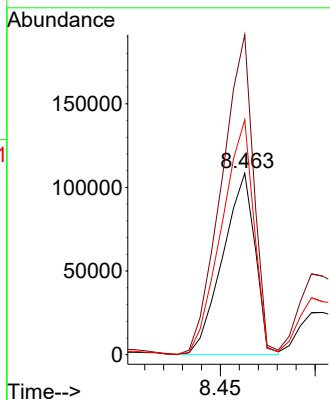
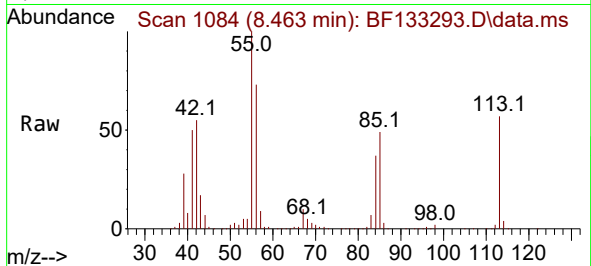




#35
Caprolactam
Concen: 32.595 ng
RT: 8.463 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

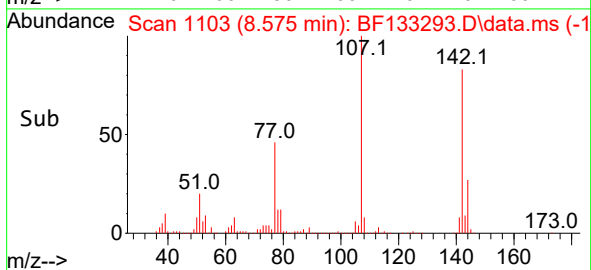
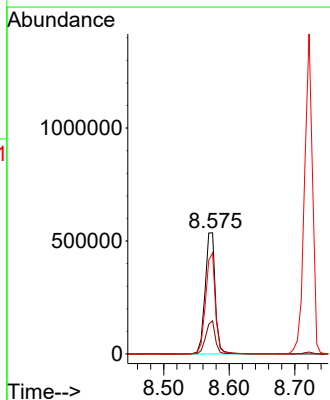
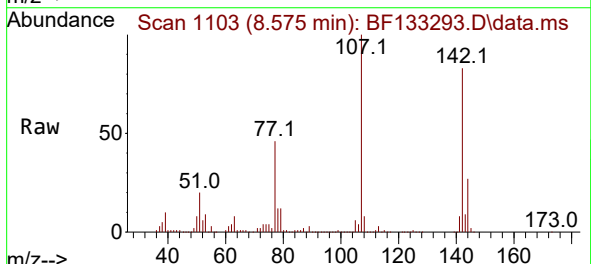
Instrument :
BNA_F
ClientSampleId :
PB152599BS

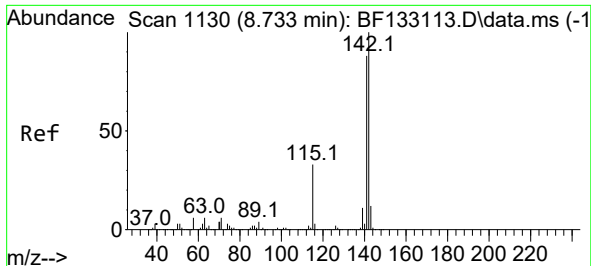
Tgt Ion:113 Resp: 128884
Ion Ratio Lower Upper
113 100
55 176.3 167.1 207.1
56 129.4 114.5 154.5



#36
4-Chloro-3-methylphenol
Concen: 45.637 ng
RT: 8.575 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion:107 Resp: 579267
Ion Ratio Lower Upper
107 100
144 27.3 20.6 30.8
142 83.5 62.8 94.2

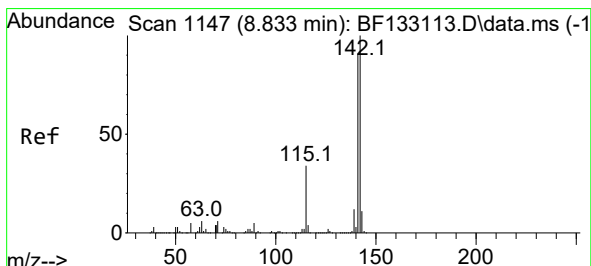
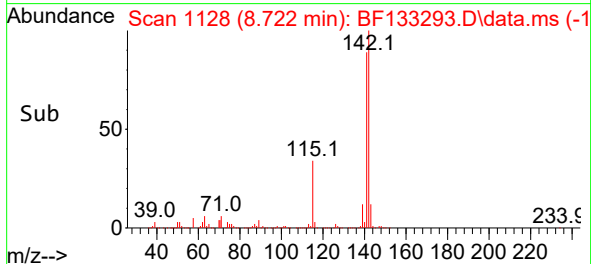
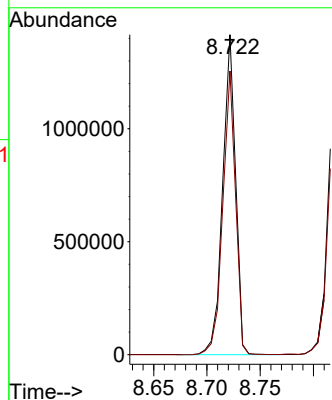
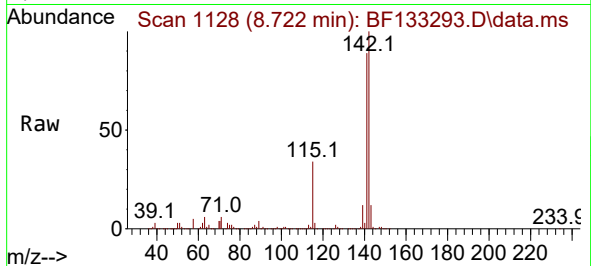




#37
2-Methylnaphthalene
Concen: 41.687 ng
RT: 8.722 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

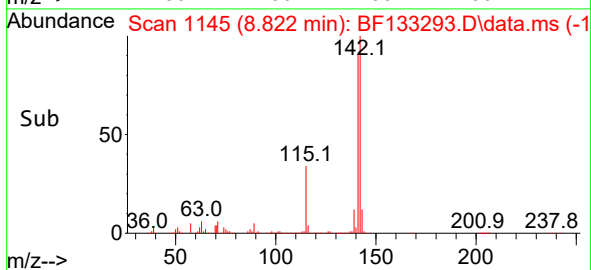
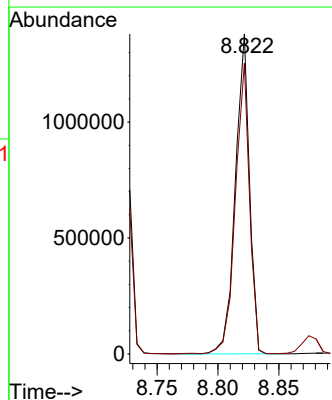
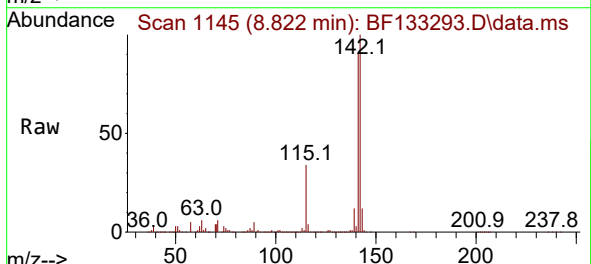
Instrument :
BNA_F
ClientSampleId :
PB152599BS

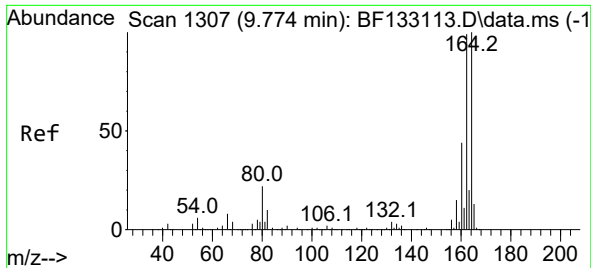
Tgt Ion:142 Resp: 1186590
Ion Ratio Lower Upper
142 100
141 88.7 69.4 104.0



#38
1-Methylnaphthalene
Concen: 41.820 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion:142 Resp: 1113562
Ion Ratio Lower Upper
142 100
141 90.8 73.1 109.7

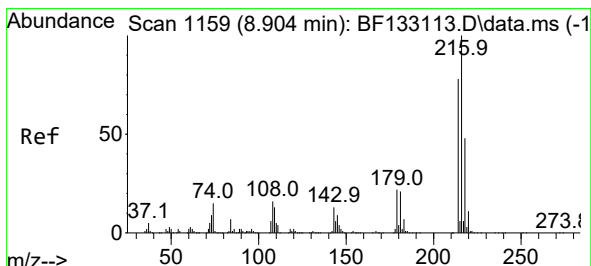
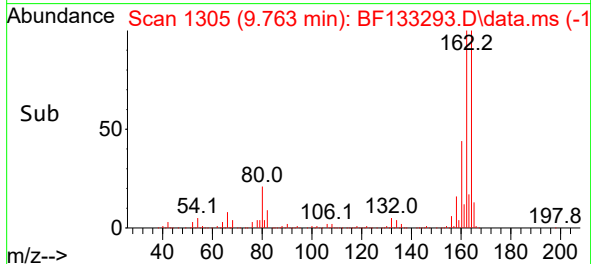
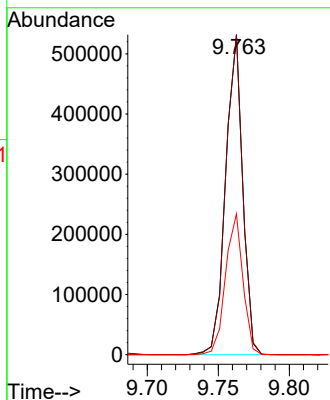
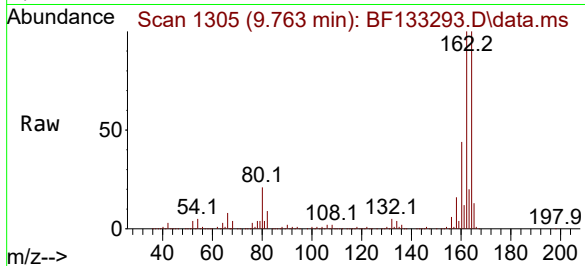




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 111
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

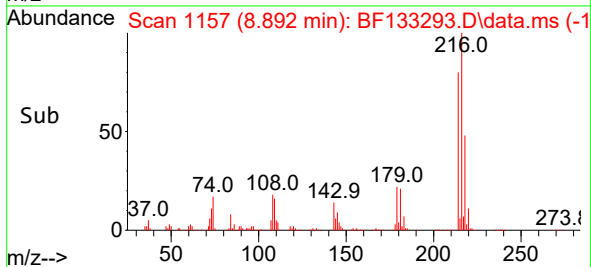
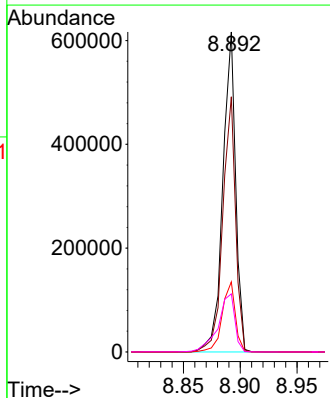
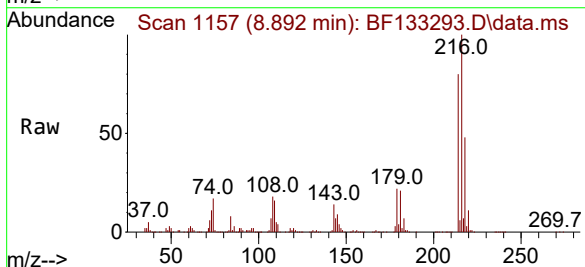
Instrument :
BNA_F
ClientSampleId :
PB152599BS

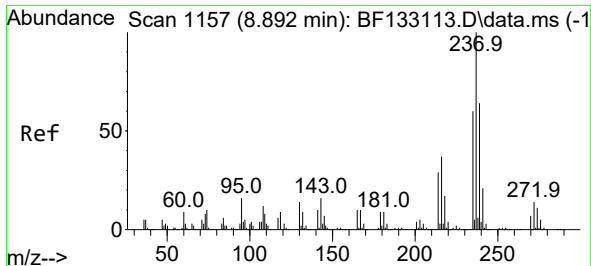
Tgt Ion:164 Resp: 443600
Ion Ratio Lower Upper
164 100
162 100.0 78.7 118.1
160 44.0 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.793 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion:216 Resp: 486541
Ion Ratio Lower Upper
216 100
214 79.5 63.5 95.3
179 22.4 17.4 26.2
108 23.8 17.4 26.0

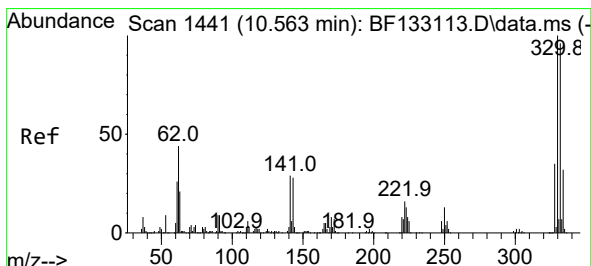
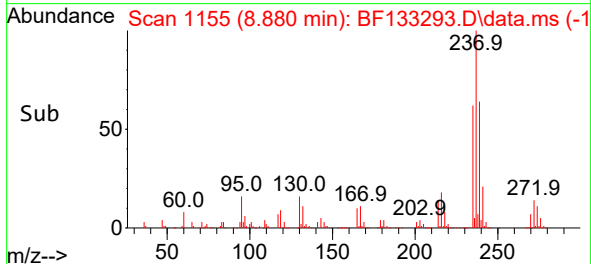
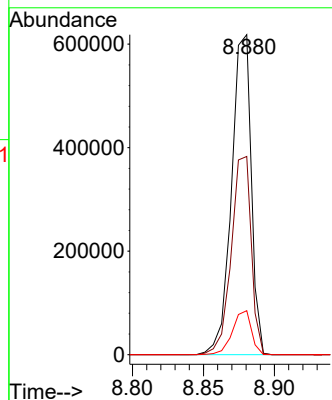
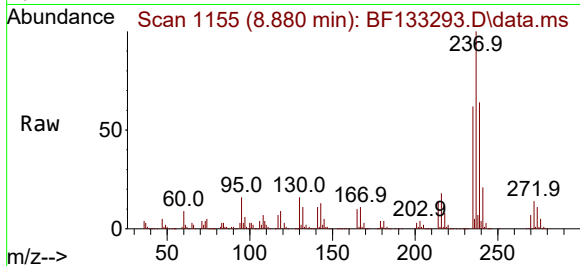




#41
Hexachlorocyclopentadiene
Concen: 85.937 ng
RT: 8.880 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

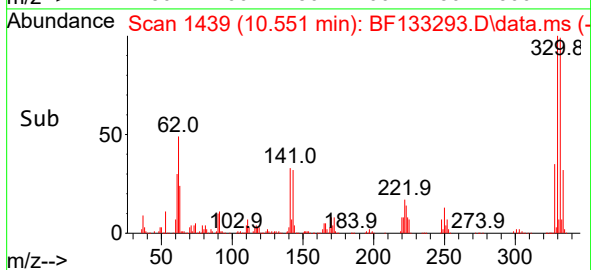
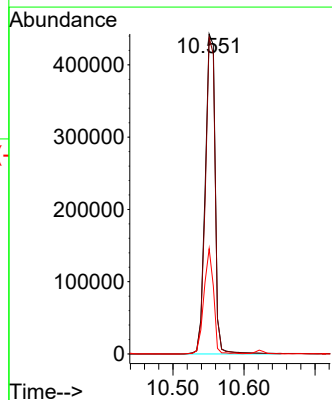
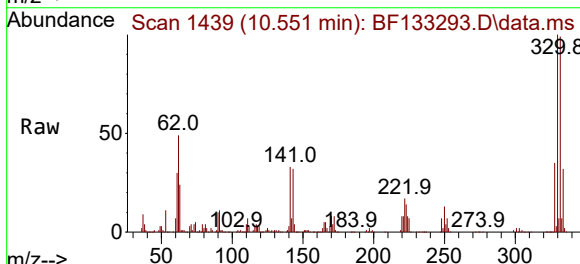
Instrument :
BNA_F
ClientSampleId :
PB152599BS

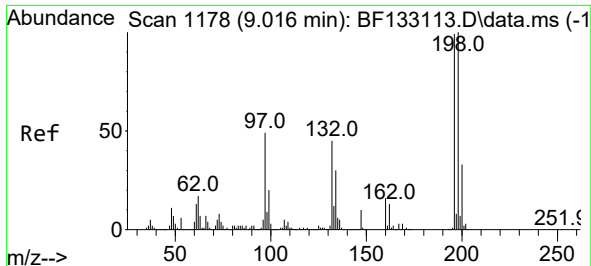
Tgt Ion: 237 Resp: 597776
Ion Ratio Lower Upper
237 100
235 61.9 43.5 83.5
272 13.8 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 96.806 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion: 330 Resp: 431876
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 32.0 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 43.084 ng

RT: 9.004 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB152599BS

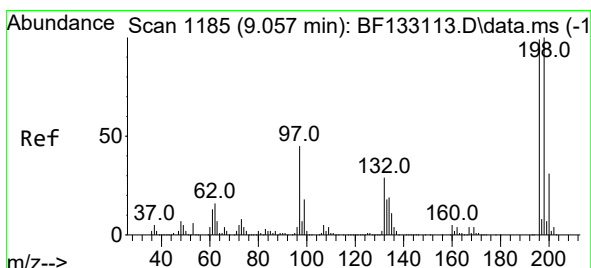
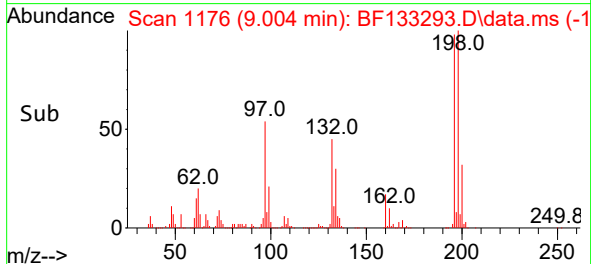
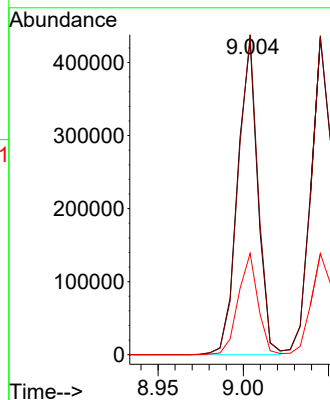
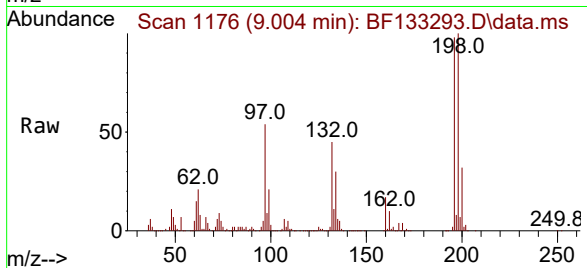
Tgt Ion:196 Resp: 355379

Ion Ratio Lower Upper

196 100

198 101.8 81.0 121.6

200 32.3 26.1 39.1



#44

2,4,5-Trichlorophenol

Concen: 40.319 ng

RT: 9.045 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

Tgt Ion:196 Resp: 384622

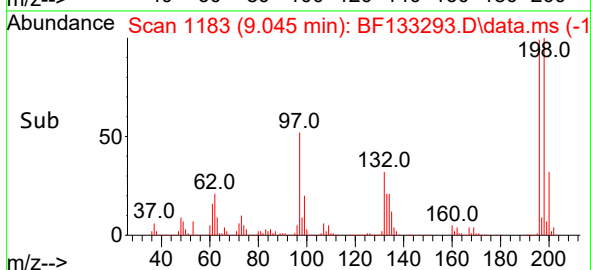
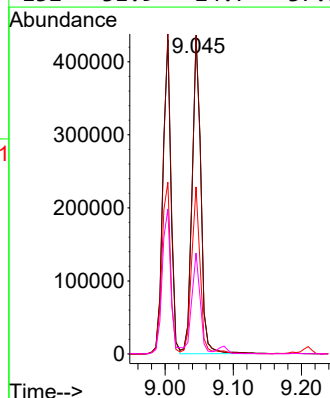
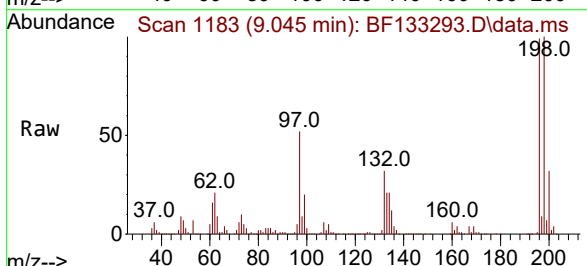
Ion Ratio Lower Upper

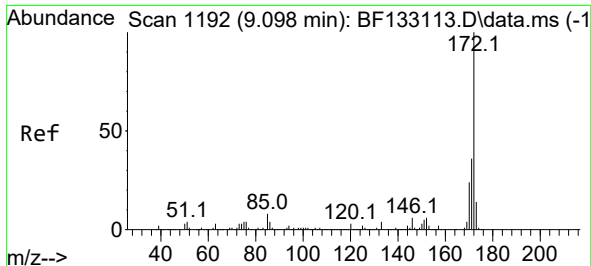
196 100

198 100.7 80.9 121.3

97 52.8 41.3 61.9

132 31.9 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 69.173 ng

RT: 9.086 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB152599BS

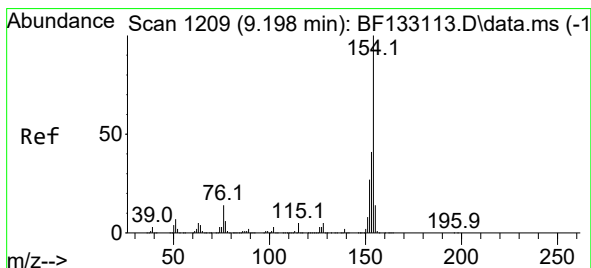
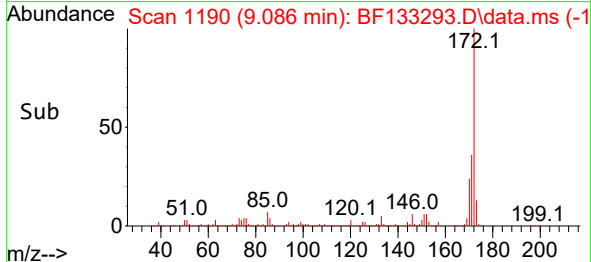
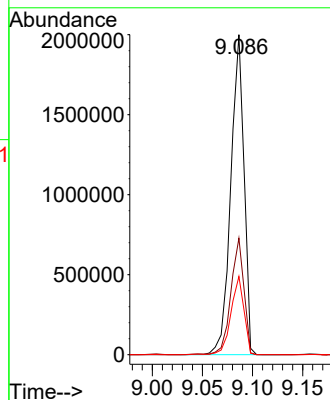
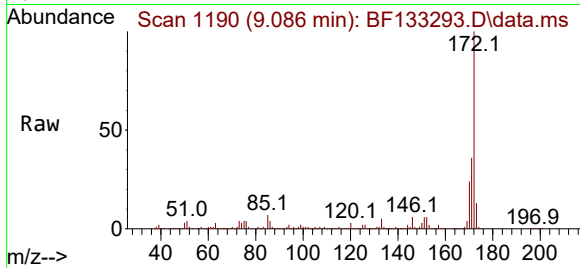
Tgt Ion:172 Resp: 1834141

Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.5 19.4 29.2



#46

1,1'-Biphenyl

Concen: 41.688 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

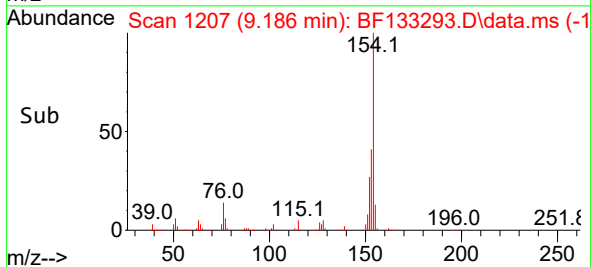
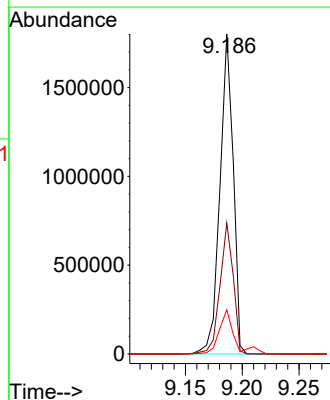
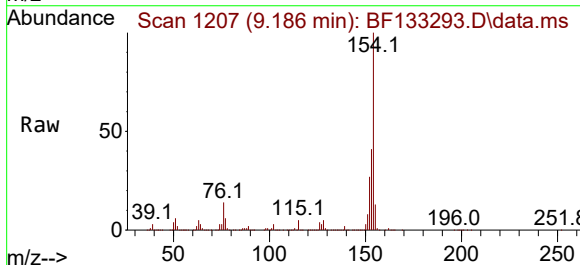
Tgt Ion:154 Resp: 1466389

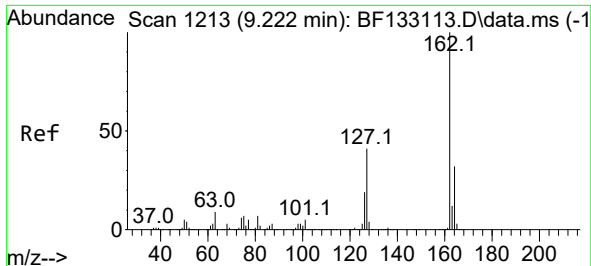
Ion Ratio Lower Upper

154 100

153 40.9 21.0 61.0

76 13.8 0.0 34.5

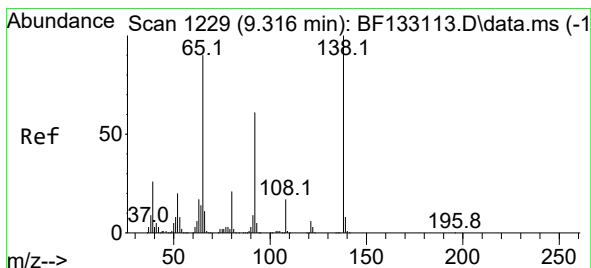
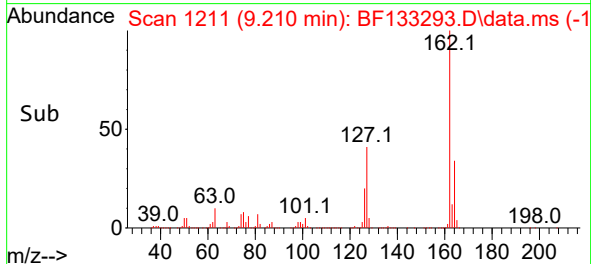
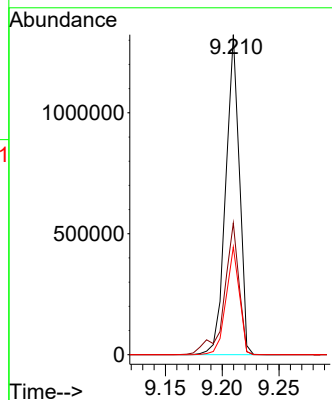
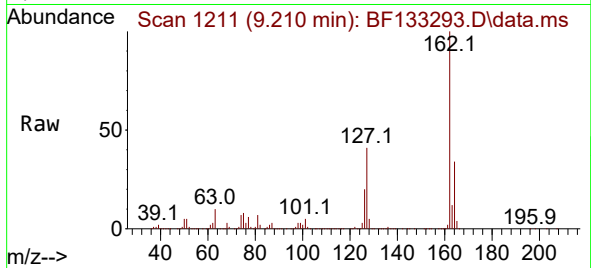




#47
2-Chloronaphthalene
Concen: 43.083 ng
RT: 9.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

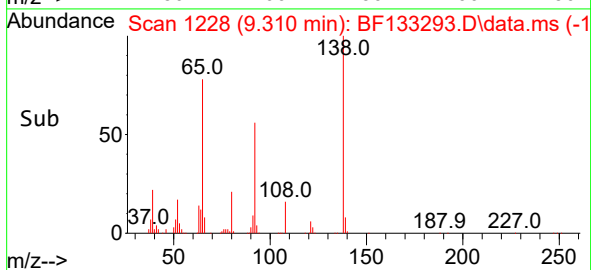
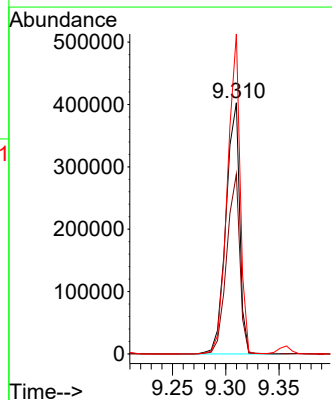
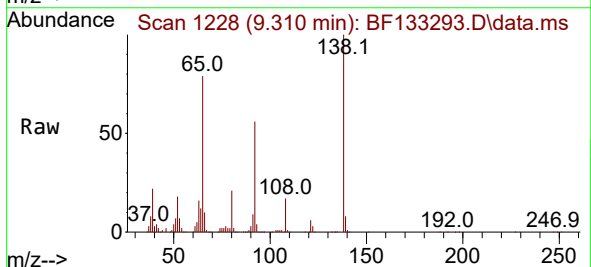
Instrument :
BNA_F
ClientSampleId :
PB152599BS

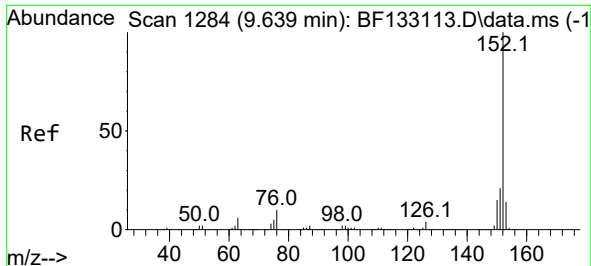
Tgt Ion:162 Resp: 1109233
Ion Ratio Lower Upper
162 100
127 41.2 32.3 48.5
164 33.7 26.8 40.2



#48
2-Nitroaniline
Concen: 42.181 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion: 65 Resp: 358917
Ion Ratio Lower Upper
65 100
92 71.6 55.4 83.0
138 127.4 98.2 147.2

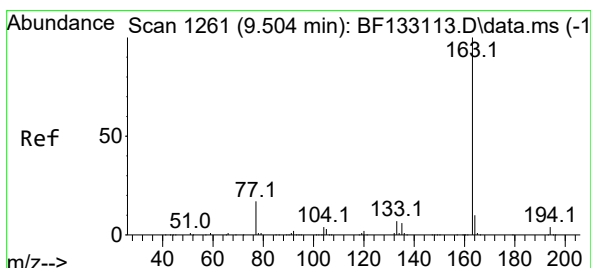
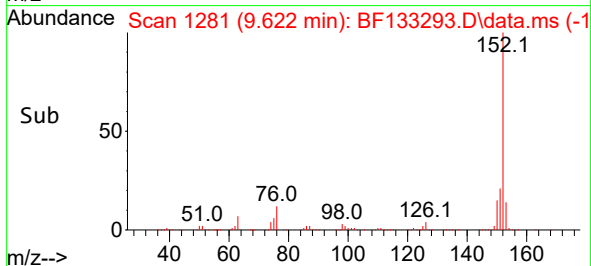
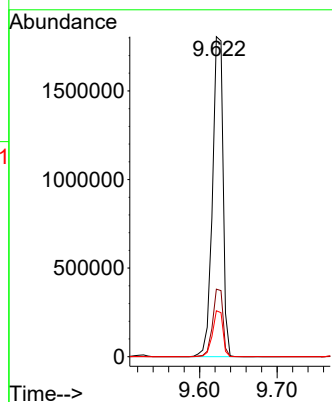
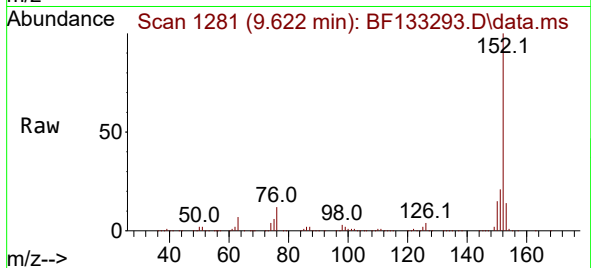




#49
Acenaphthylene
Concen: 41.592 ng
RT: 9.622 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

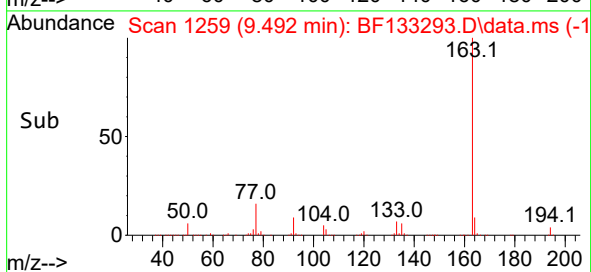
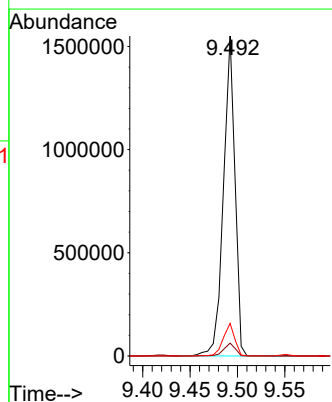
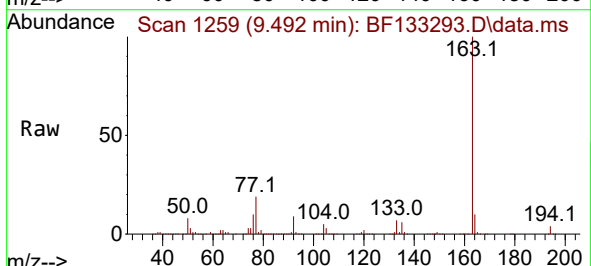
Instrument :
BNA_F
ClientSampleId :
PB152599BS

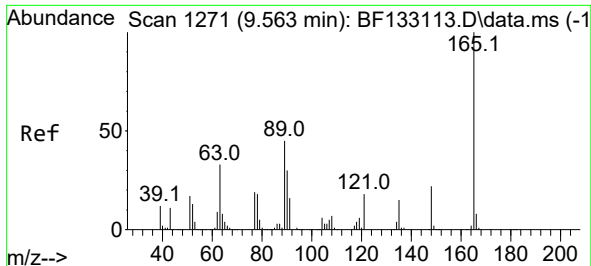
Tgt Ion:152 Resp: 1711045
Ion Ratio Lower Upper
152 100
151 21.1 16.6 24.8
153 14.3 11.5 17.3



#50
Dimethylphthalate
Concen: 42.564 ng
RT: 9.492 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion:163 Resp: 1316569
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.5 12.7

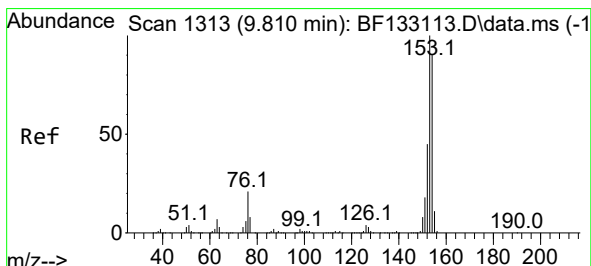
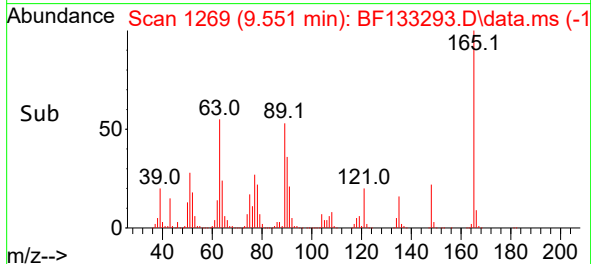
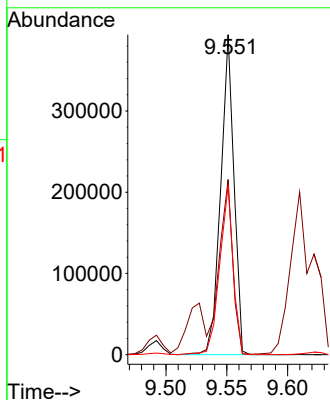
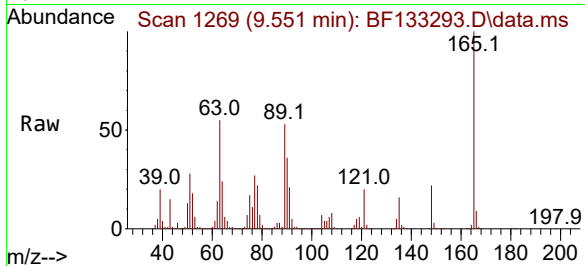




#51
2,6-Dinitrotoluene
Concen: 43.142 ng
RT: 9.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

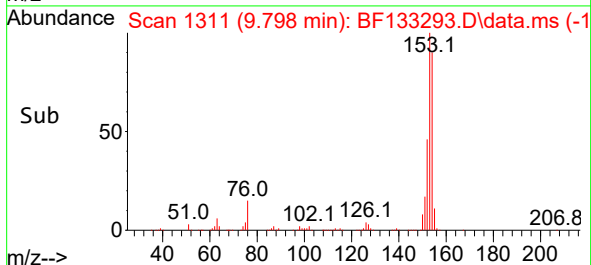
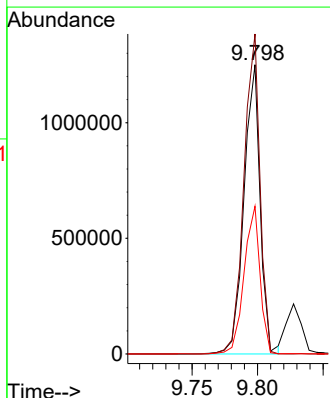
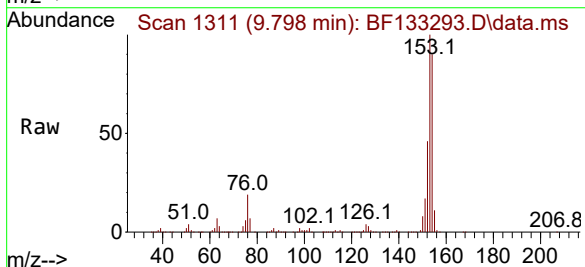
Instrument :
BNA_F
ClientSampleId :
PB152599BS

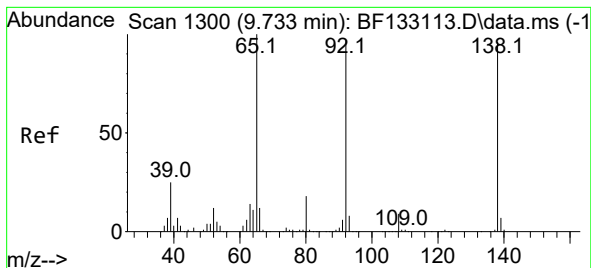
Tgt Ion:165 Resp: 300349
Ion Ratio Lower Upper
165 100
63 54.8 45.9 68.9
89 52.8 44.0 66.0



#52
Acenaphthene
Concen: 39.063 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion:154 Resp: 1076278
Ion Ratio Lower Upper
154 100
153 110.6 89.0 133.6
152 51.0 40.4 60.6

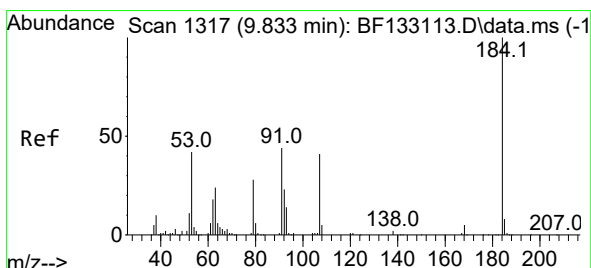
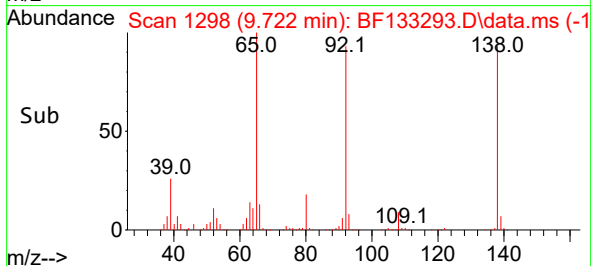
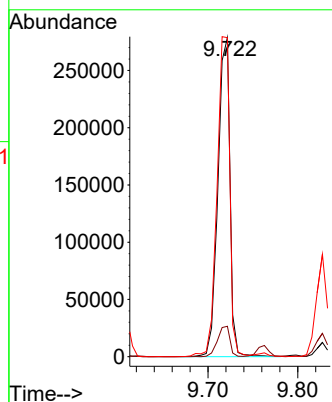
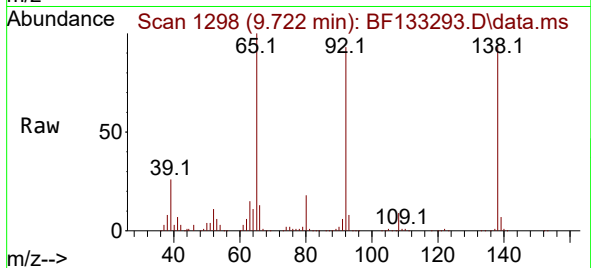




#53
3-Nitroaniline
Concen: 31.360 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

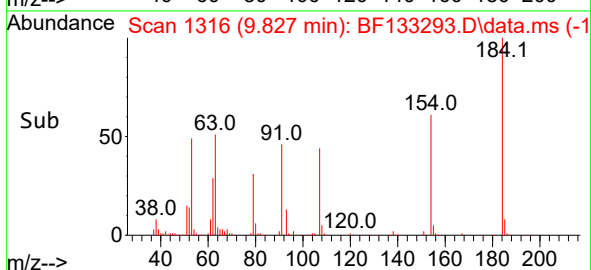
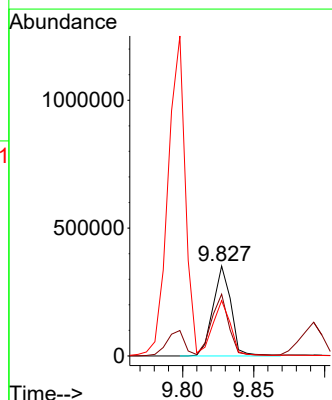
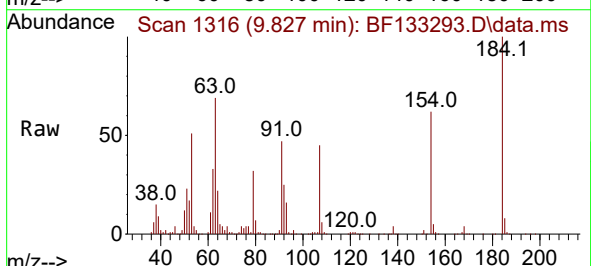
Instrument :
BNA_F
ClientSampleId :
PB152599BS

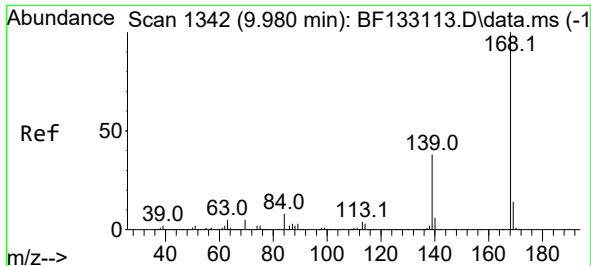
Tgt Ion:138 Resp: 259588
Ion Ratio Lower Upper
138 100
108 9.5 8.0 12.0
92 100.0 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 88.792 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion:184 Resp: 310717
Ion Ratio Lower Upper
184 100
63 68.6 49.8 74.8
154 61.5 49.5 74.3

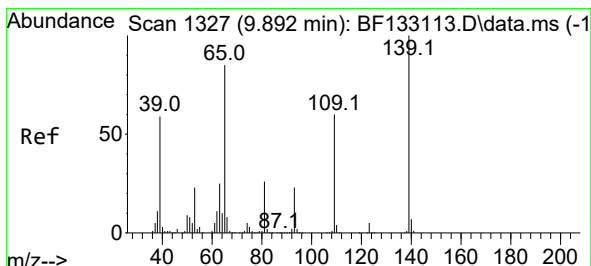
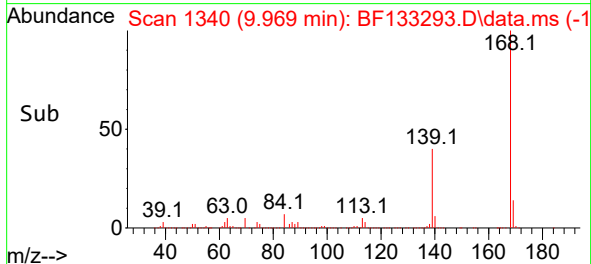
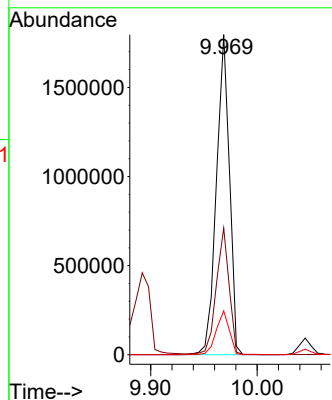
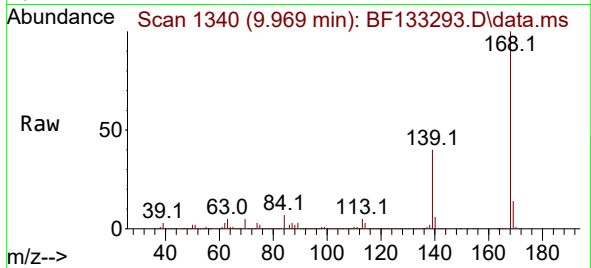




#55
Dibenzofuran
Concen: 40.303 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

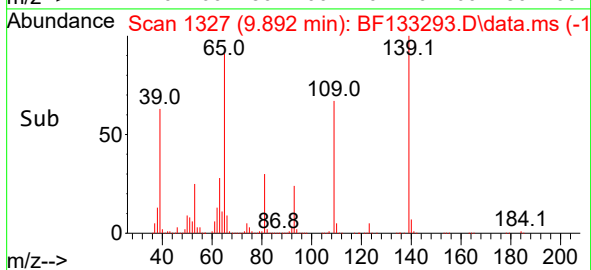
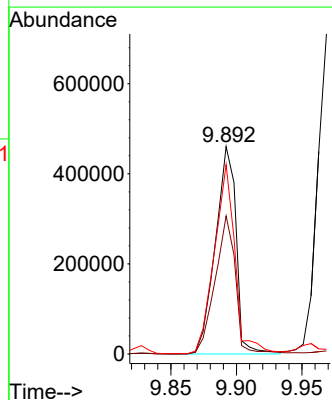
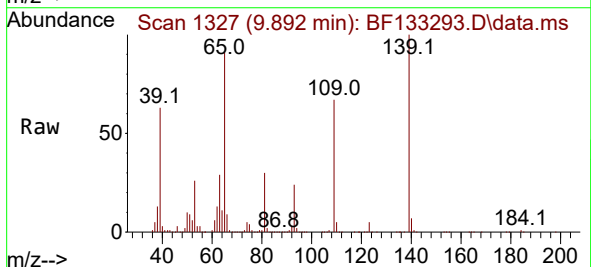
Instrument :
BNA_F
ClientSampleId :
PB152599BS

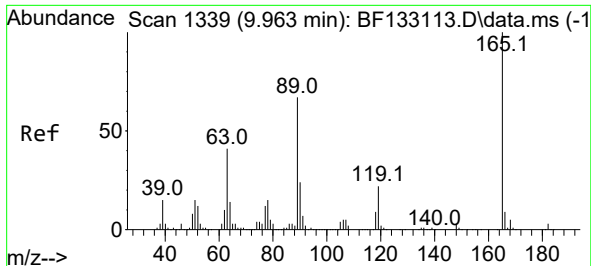
Tgt Ion:168 Resp: 1514755
Ion Ratio Lower Upper
168 100
139 39.6 29.8 44.8
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 78.894 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion:139 Resp: 505816
Ion Ratio Lower Upper
139 100
109 66.6 39.4 79.4
65 91.3 57.5 97.5

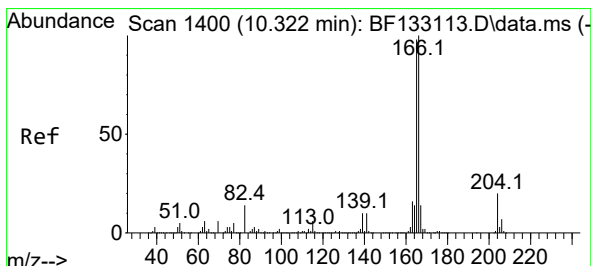
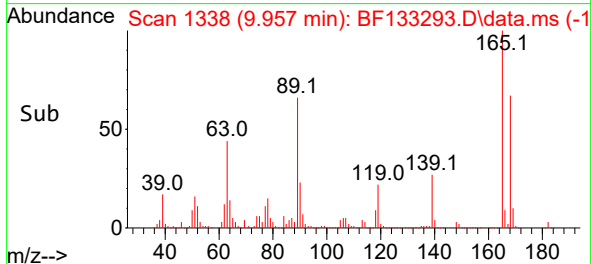
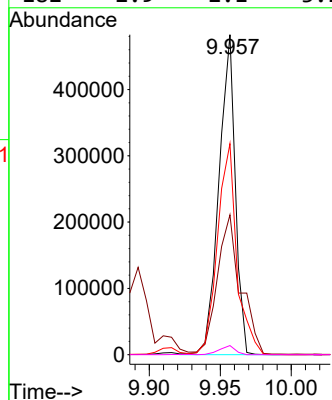
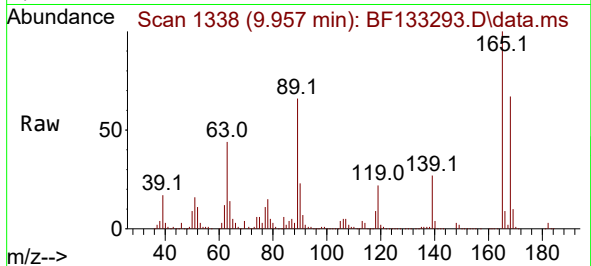




#57
2,4-Dinitrotoluene
Concen: 43.557 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

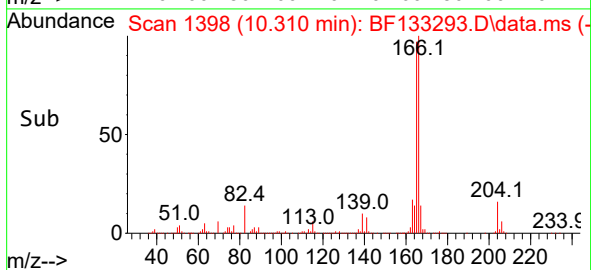
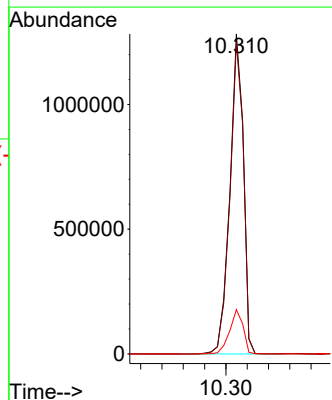
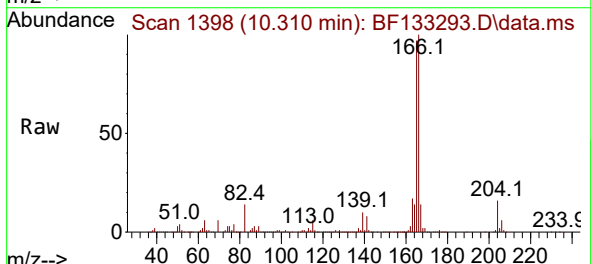
Instrument :
BNA_F
ClientSampleId :
PB152599BS

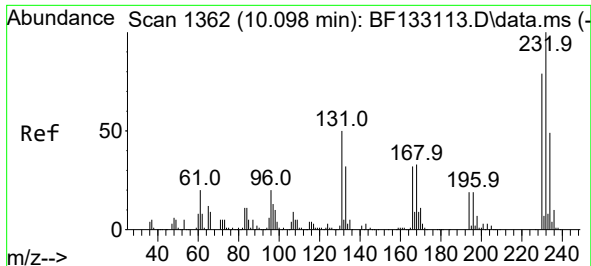
Tgt Ion:165 Resp: 386713
Ion Ratio Lower Upper
165 100
63 43.7 37.7 56.5
89 66.0 57.0 85.4
182 2.9 2.1 3.1



#58
Fluorene
Concen: 40.850 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion:166 Resp: 1124828
Ion Ratio Lower Upper
166 100
165 97.4 78.6 117.8
167 13.9 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.850 ng

RT: 10.092 min Scan# 1361

Delta R.T. 0.006 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB152599BS

Tgt Ion:232 Resp: 316903

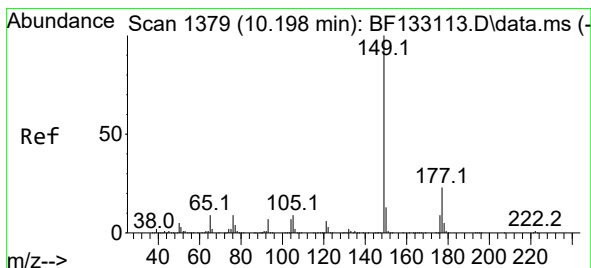
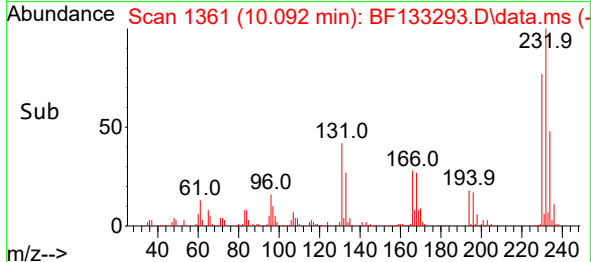
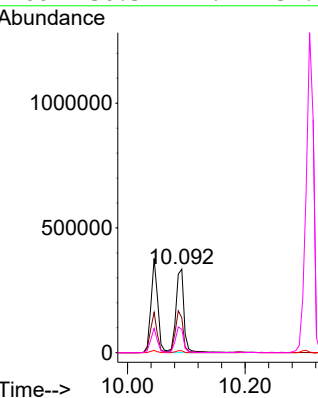
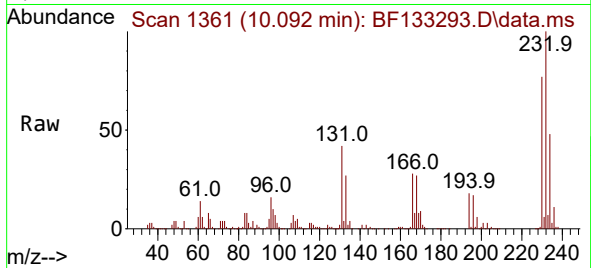
Ion Ratio Lower Upper

232 100

131 47.8 38.0 57.0

130 2.4 1.8 2.8

166 30.3 24.7 37.1



#60

Diethylphthalate

Concen: 41.893 ng

RT: 10.192 min Scan# 1378

Delta R.T. 0.006 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

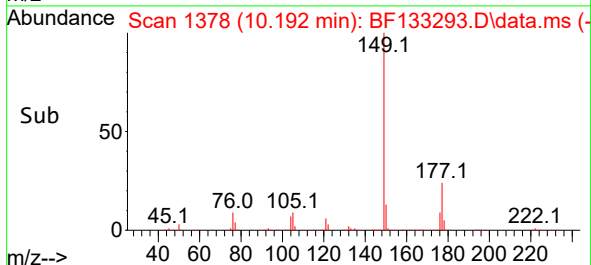
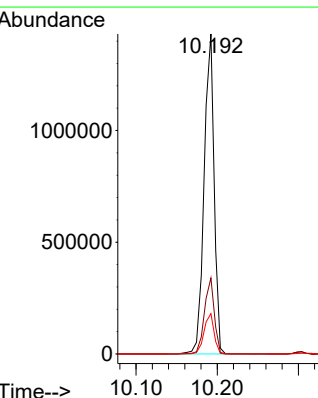
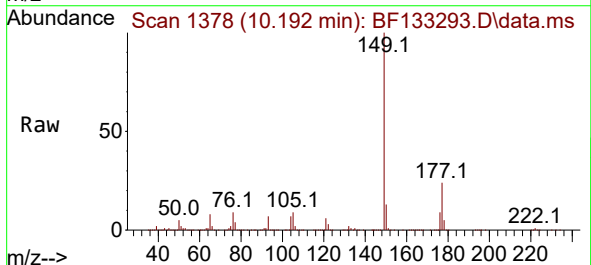
Tgt Ion:149 Resp: 1223978

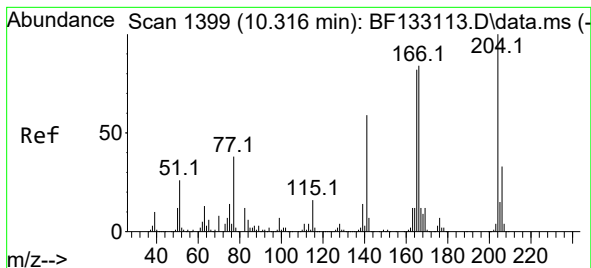
Ion Ratio Lower Upper

149 100

177 23.8 18.2 27.4

150 12.6 10.2 15.4

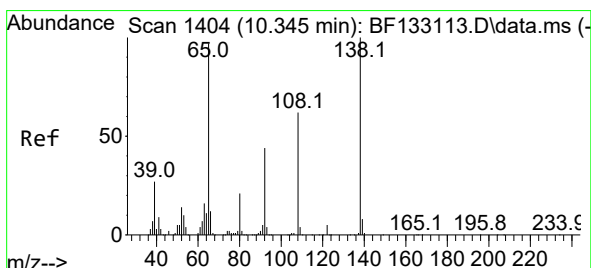
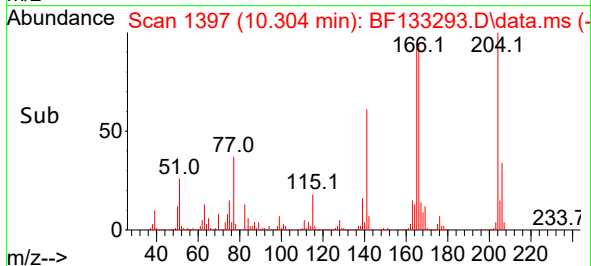
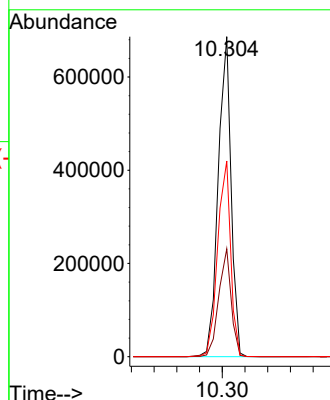
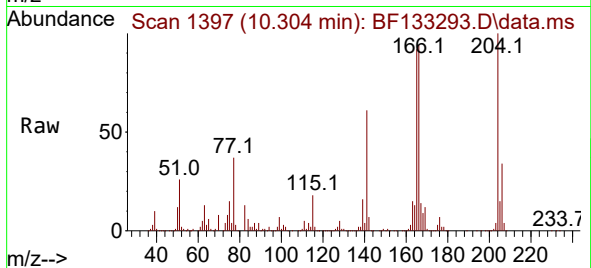




#61
4-Chlorophenyl-phenylether
Concen: 40.302 ng
RT: 10.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

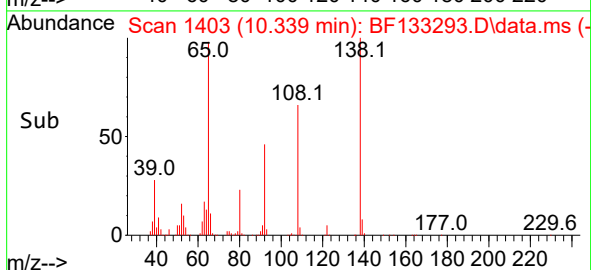
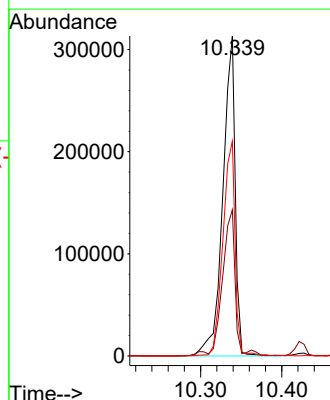
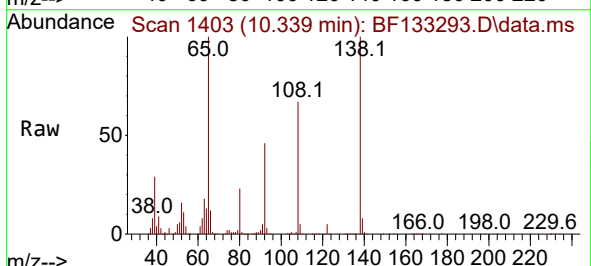
Instrument :
BNA_F
ClientSampleId :
PB152599BS

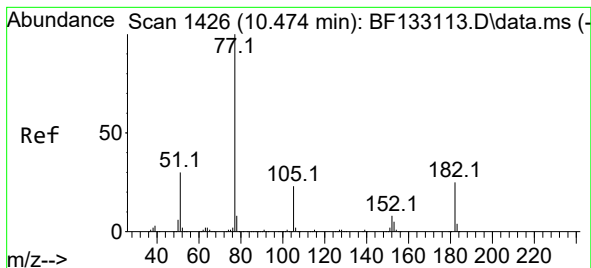
Tgt Ion:204 Resp: 540800
Ion Ratio Lower Upper
204 100
206 33.7 26.1 39.1
141 61.1 46.1 69.1



#62
4-Nitroaniline
Concen: 43.863 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion:138 Resp: 333717
Ion Ratio Lower Upper
138 100
92 45.6 27.7 67.7
108 67.0 45.2 85.2





#63

Azobenzene

Concen: 40.160 ng

RT: 10.463 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB152599BS

Tgt Ion: 77 Resp: 1242971

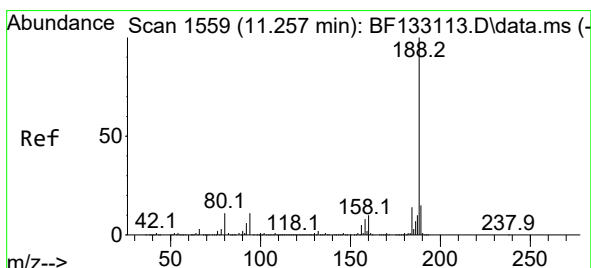
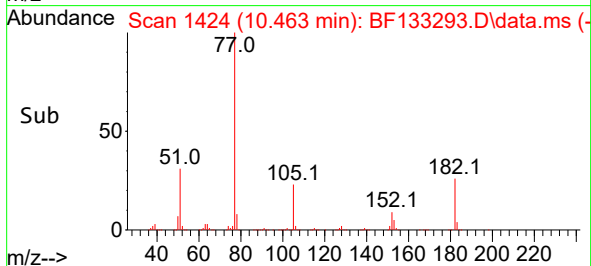
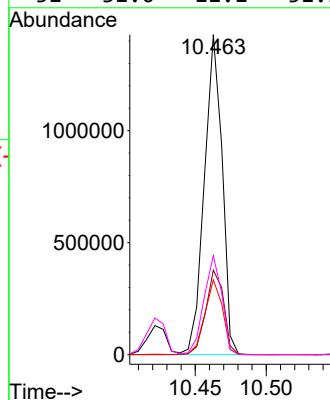
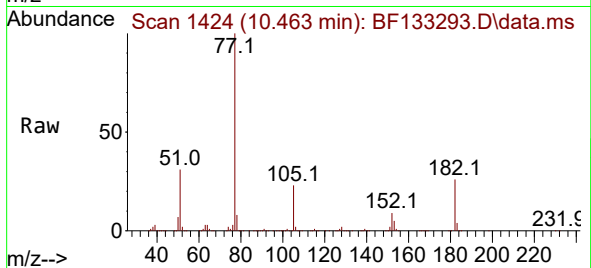
Ion Ratio Lower Upper

77 100

182 26.4 5.9 45.9

105 23.4 2.3 42.3

51 31.0 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1557

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

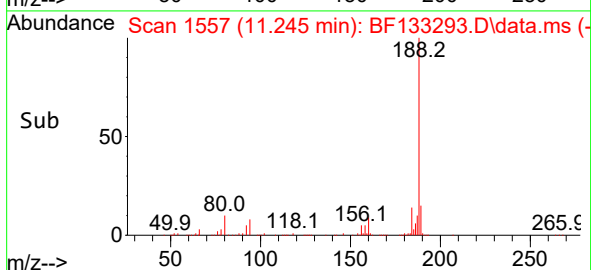
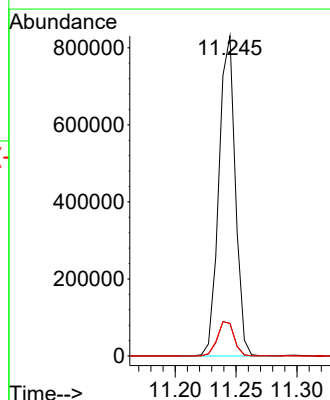
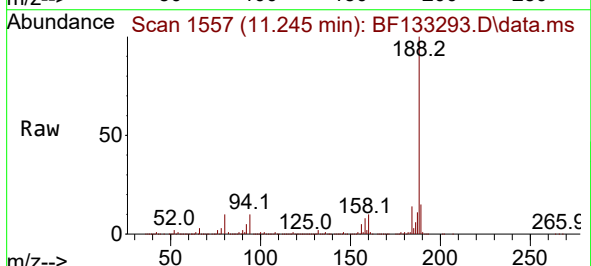
Tgt Ion:188 Resp: 783024

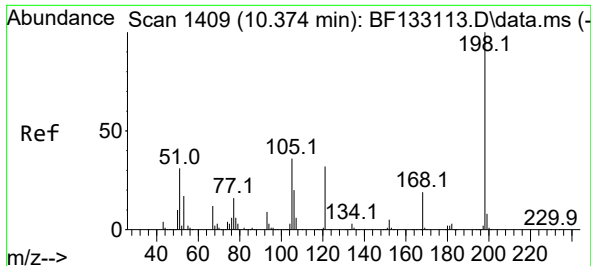
Ion Ratio Lower Upper

188 100

94 10.2 9.7 14.5

80 10.2 10.4 15.6#

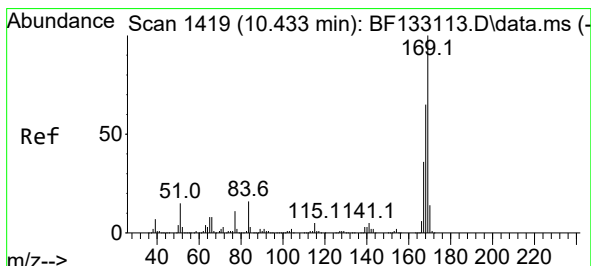
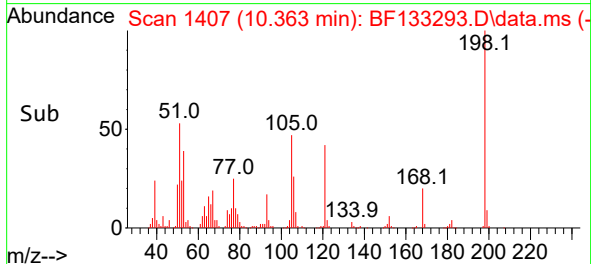
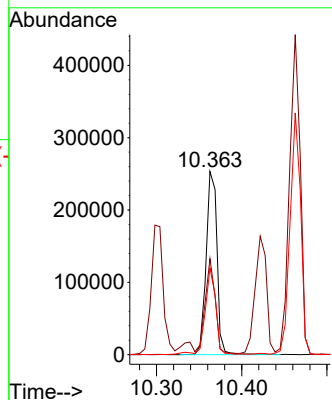
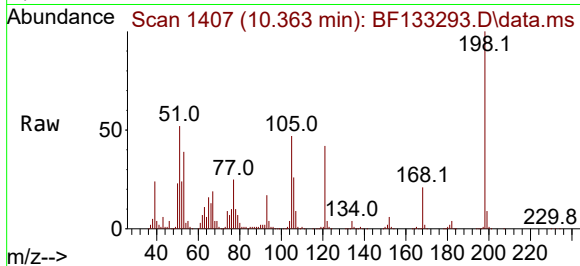




#65
4,6-Dinitro-2-methylphenol
Concen: 47.275 ng
RT: 10.363 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

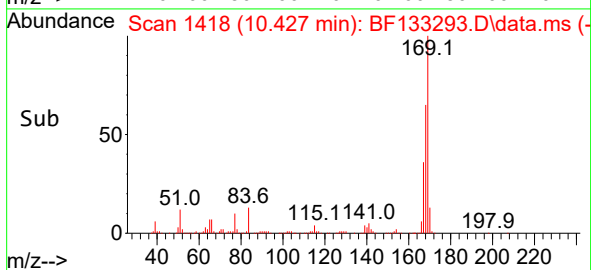
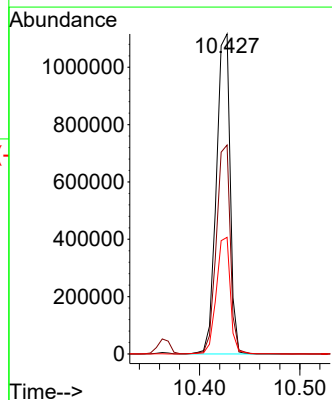
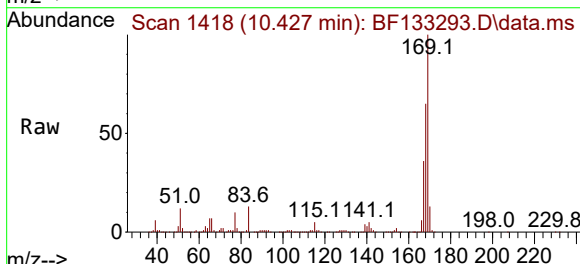
Instrument :
BNA_F
ClientSampleId :
PB152599BS

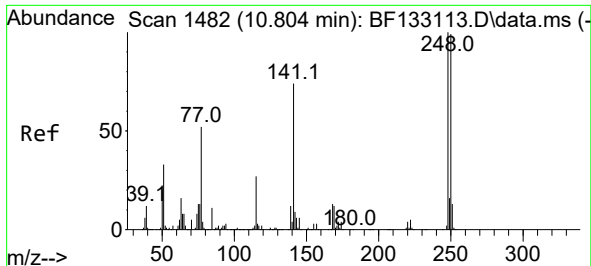
Tgt Ion:198 Resp: 224371
Ion Ratio Lower Upper
198 100
51 52.4 15.5 55.5
105 47.3 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 41.788 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion:169 Resp: 1061384
Ion Ratio Lower Upper
169 100
168 65.3 53.8 80.8
167 36.4 29.7 44.5





#67

4-Bromophenyl-phenylether

Concen: 41.356 ng

RT: 10.792 min Scan# 1480

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB152599BS

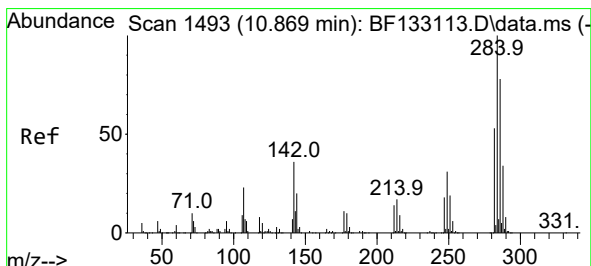
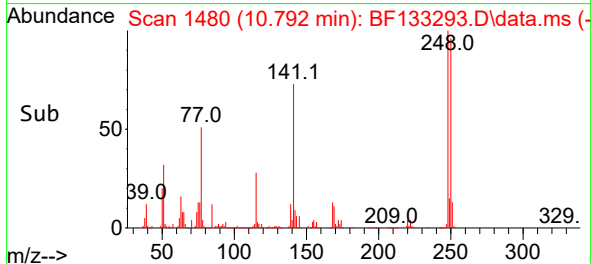
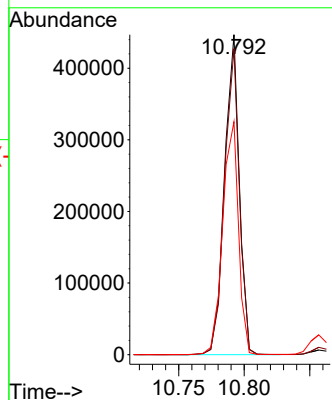
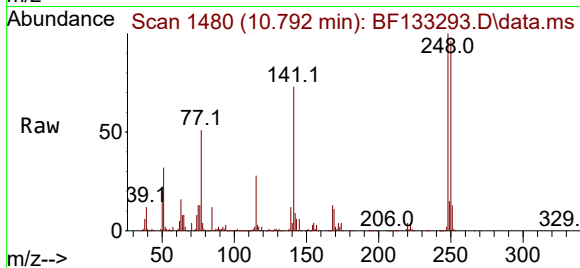
Tgt Ion:248 Resp: 351207

Ion Ratio Lower Upper

248 100

250 95.7 78.7 118.1

141 72.8 56.3 84.5



#68

Hexachlorobenzene

Concen: 42.648 ng

RT: 10.857 min Scan# 1491

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

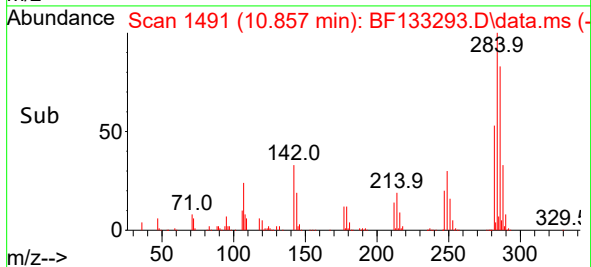
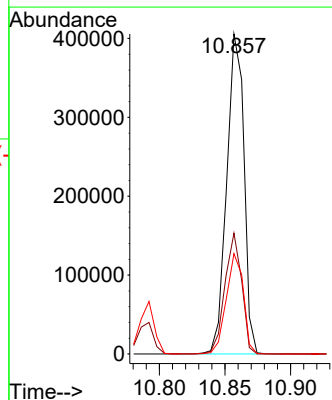
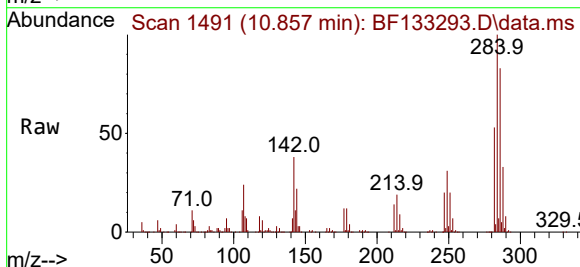
Tgt Ion:284 Resp: 371120

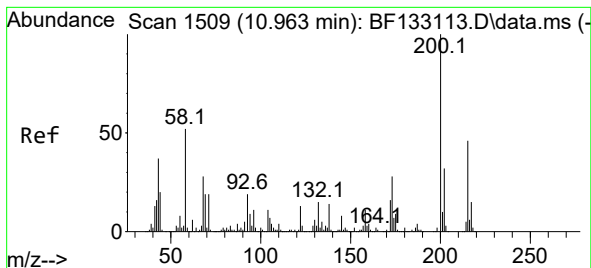
Ion Ratio Lower Upper

284 100

142 37.7 26.0 39.0

249 31.4 23.7 35.5





#69

Atrazine

Concen: 48.933 ng

RT: 10.957 min Scan# 1508

Delta R.T. 0.006 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB152599BS

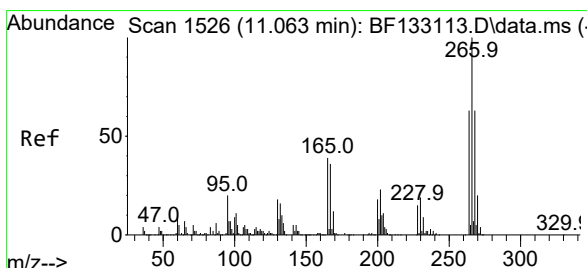
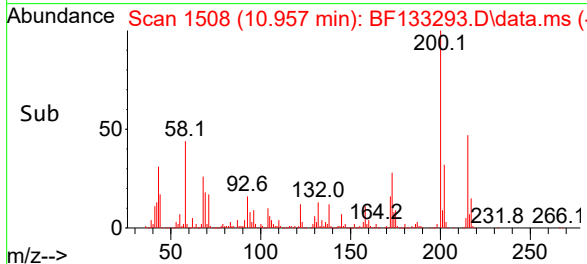
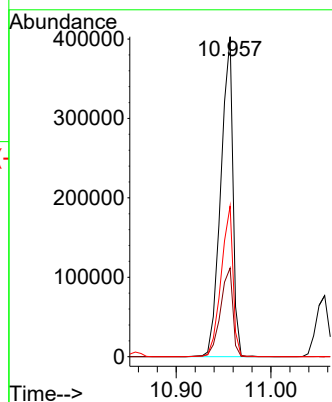
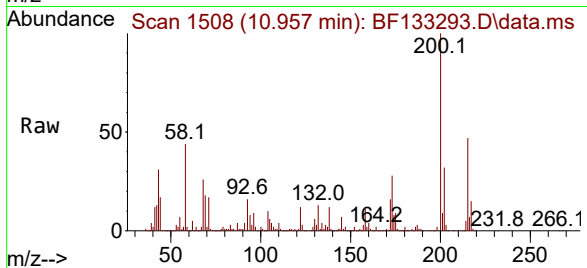
Tgt Ion:200 Resp: 358125

Ion Ratio Lower Upper

200 100

173 27.7 6.2 46.2

215 47.1 26.3 66.3



#70

Pentachlorophenol

Concen: 66.274 ng

RT: 11.057 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

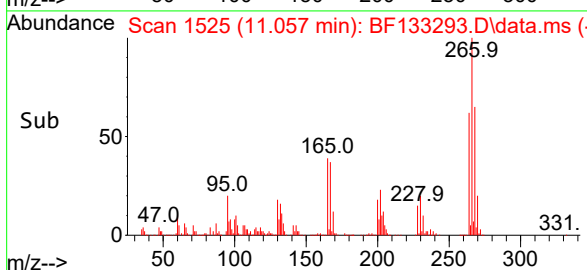
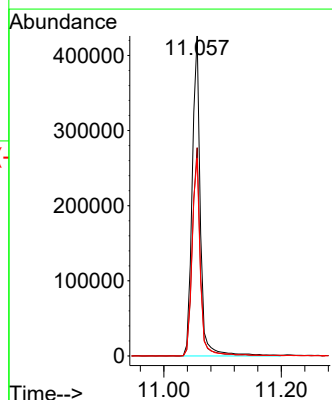
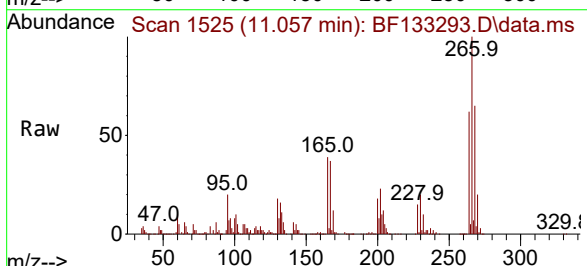
Tgt Ion:266 Resp: 410735

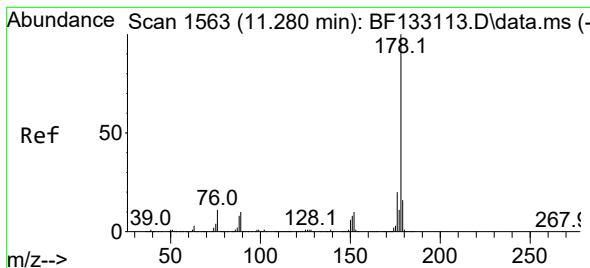
Ion Ratio Lower Upper

266 100

268 65.1 48.8 73.2

264 61.9 50.6 76.0





#71

Phenanthrene

Concen: 40.553 ng

RT: 11.269 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB152599BS

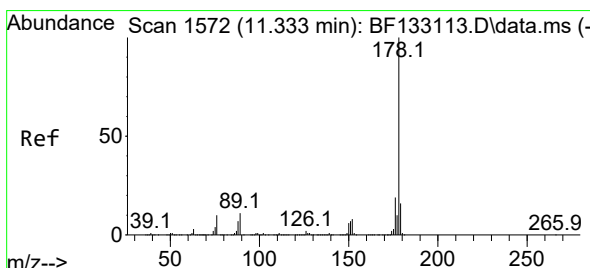
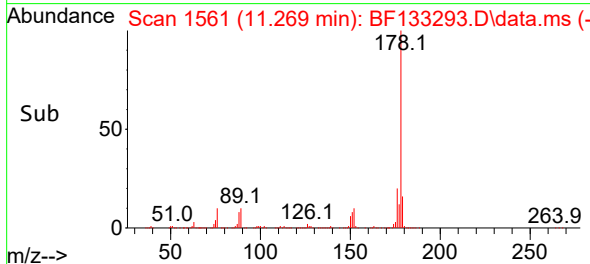
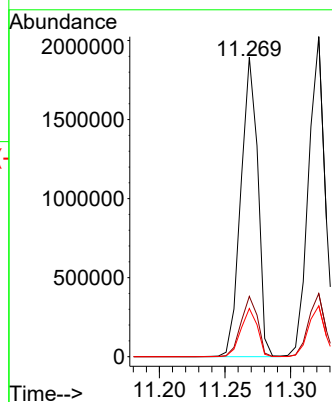
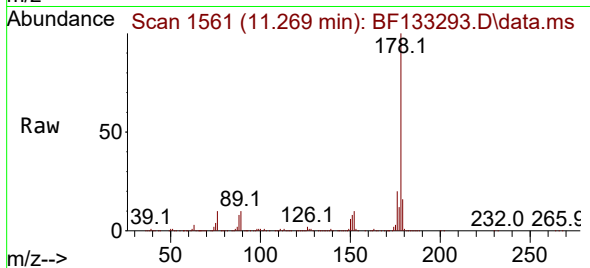
Tgt Ion:178 Resp: 1706664

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

179 16.1 12.5 18.7



#72

Anthracene

Concen: 40.452 ng

RT: 11.321 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

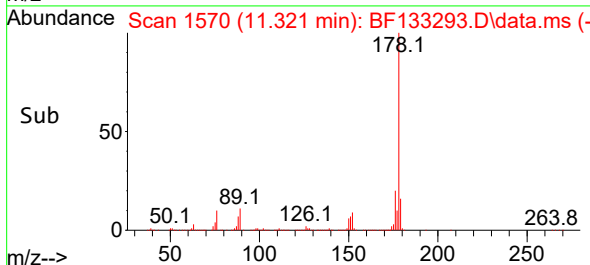
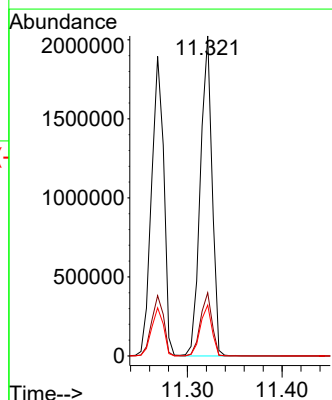
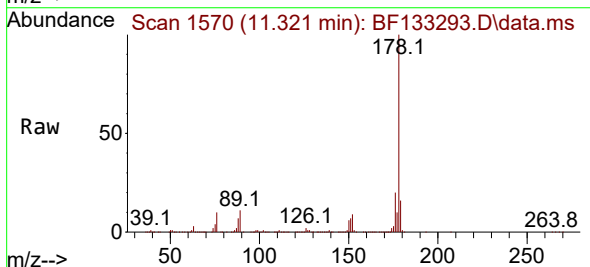
Tgt Ion:178 Resp: 1742263

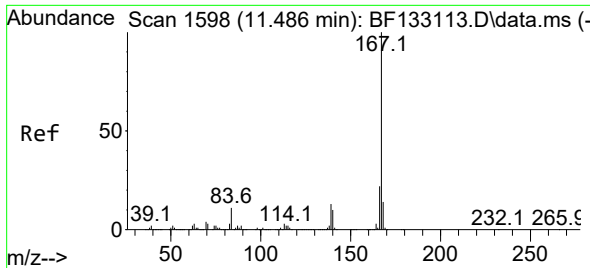
Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.0

179 15.9 12.4 18.6

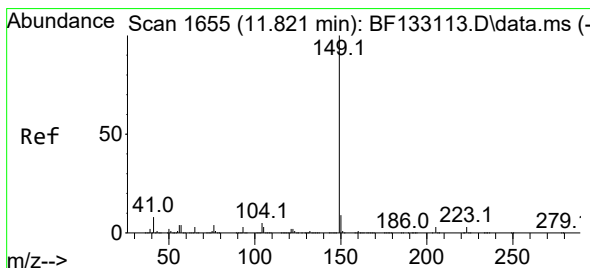
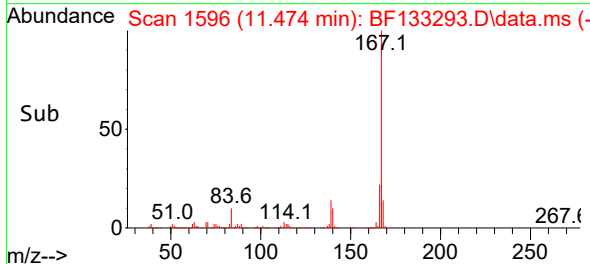
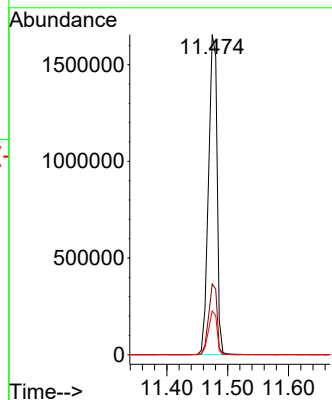
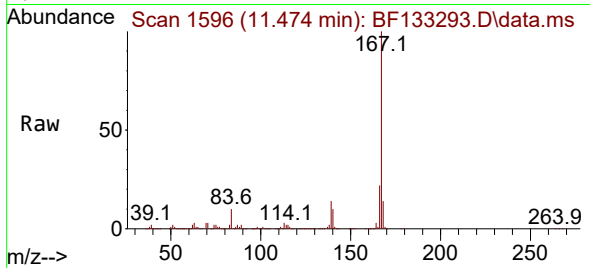




#73
Carbazole
Concen: 42.127 ng
RT: 11.474 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

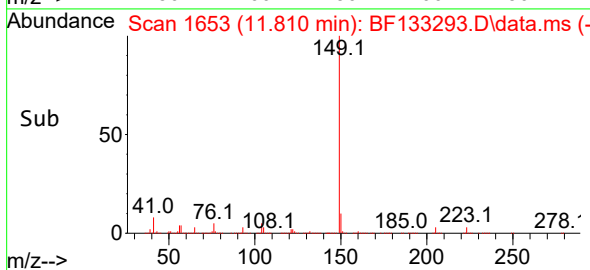
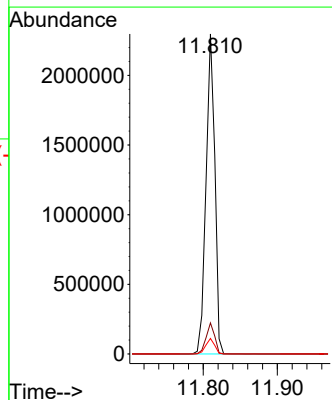
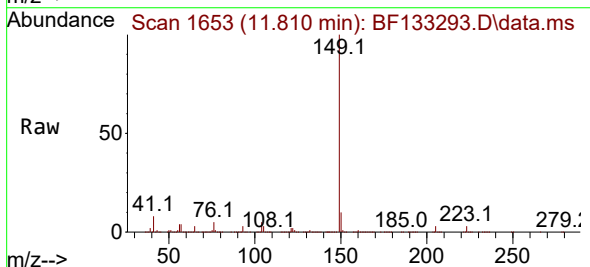
Instrument :
BNA_F
ClientSampleId :
PB152599BS

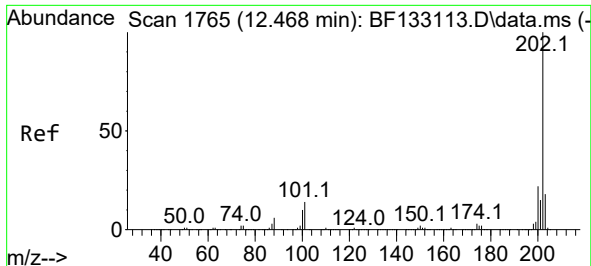
Tgt Ion:167 Resp: 1615572
Ion Ratio Lower Upper
167 100
166 22.0 17.4 26.0
139 13.7 10.6 16.0



#74
Di-n-butylphthalate
Concen: 43.952 ng
RT: 11.810 min Scan# 1653
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion:149 Resp: 1907485
Ion Ratio Lower Upper
149 100
150 9.7 7.6 11.4
104 4.8 4.0 6.0

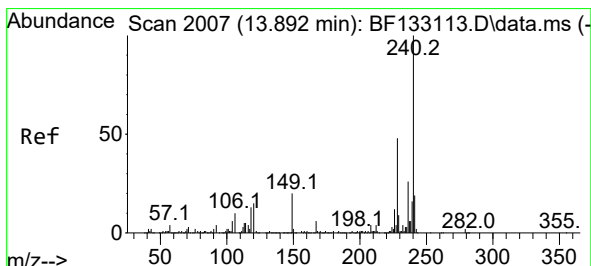
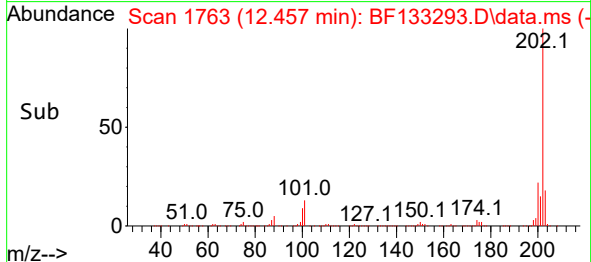
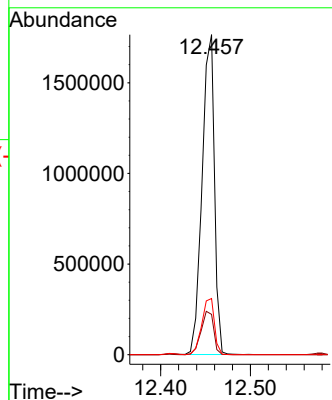
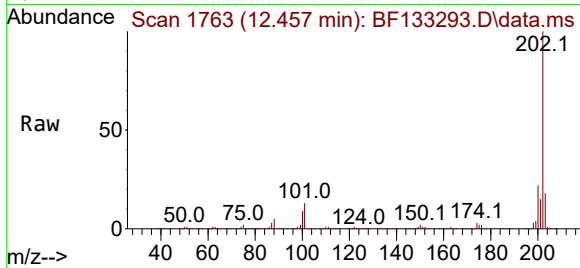




#75
Fluoranthene
Concen: 39.901 ng
RT: 12.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

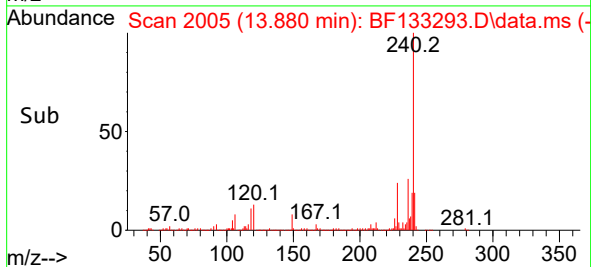
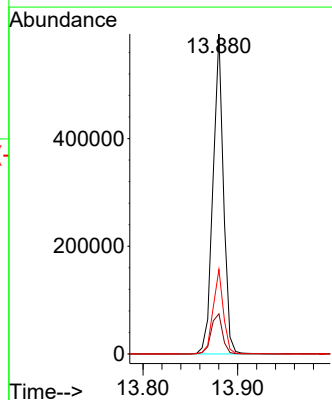
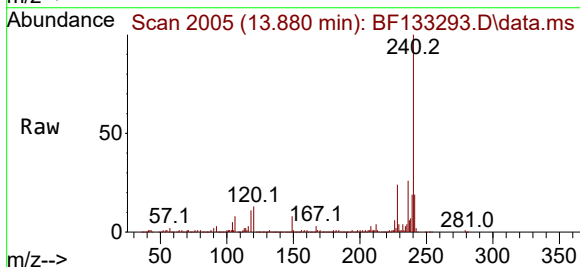
Instrument :
BNA_F
ClientSampleId :
PB152599BS

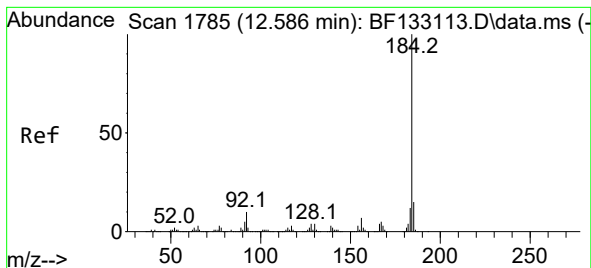
Tgt Ion:202 Resp: 1685315
Ion Ratio Lower Upper
202 100
101 12.6 0.0 35.3
203 17.5 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion:240 Resp: 455602
Ion Ratio Lower Upper
240 100
120 12.6 10.5 15.7
236 26.4 21.5 32.3





#77

Benzidine

Concen: 136.455 ng

RT: 12.580 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB152599BS

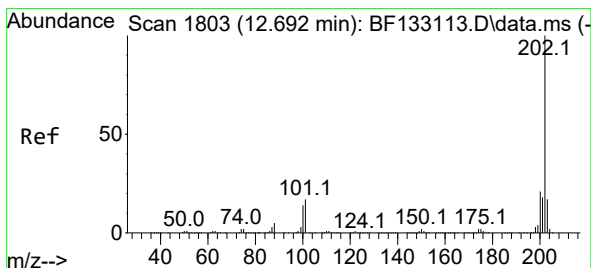
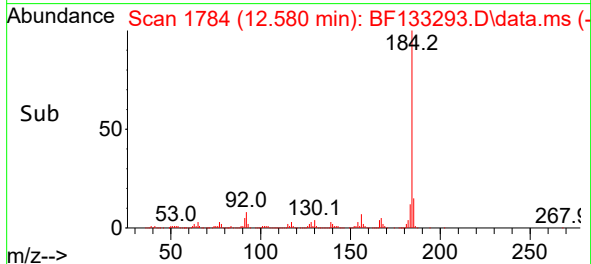
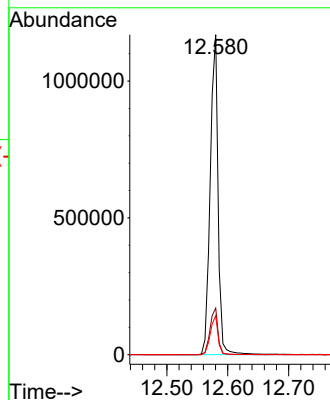
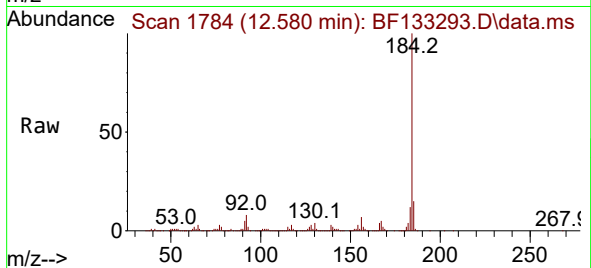
Tgt Ion:184 Resp: 1051313

Ion Ratio Lower Upper

184 100

185 14.5 15.4 23.2#

183 12.1 9.4 14.0



#78

Pyrene

Concen: 44.942 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

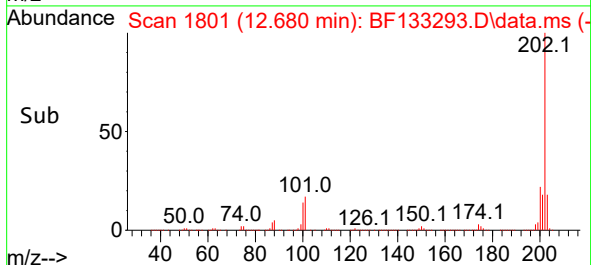
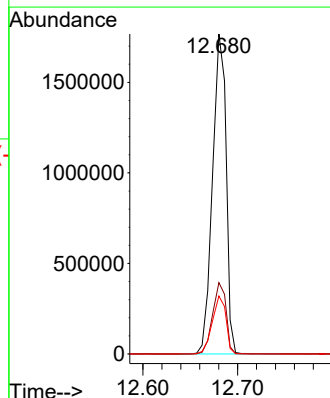
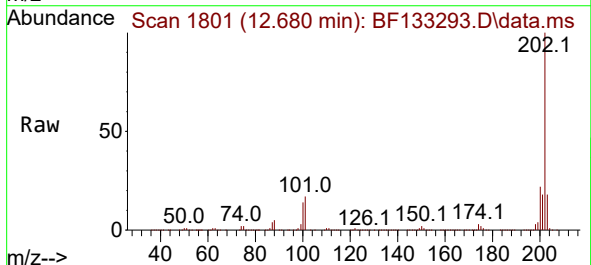
Tgt Ion:202 Resp: 1755227

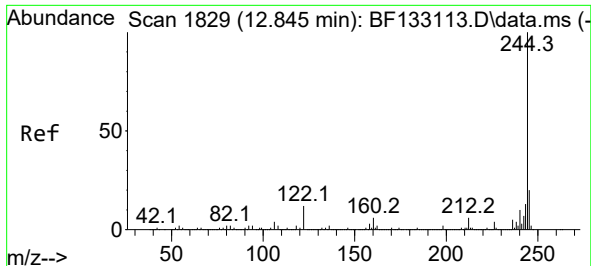
Ion Ratio Lower Upper

202 100

200 22.3 17.1 25.7

203 18.1 14.1 21.1

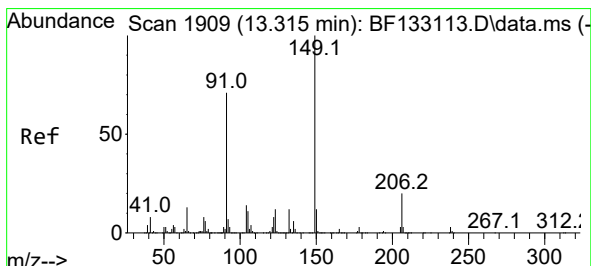
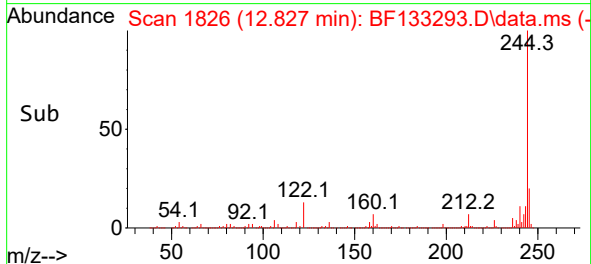
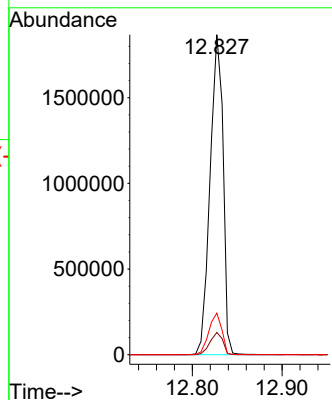
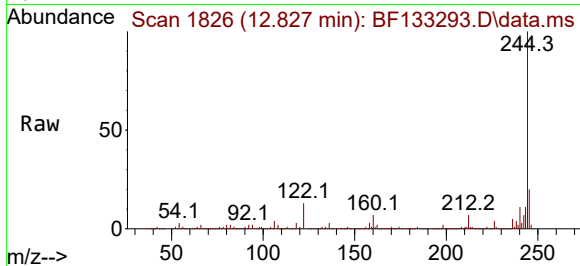




#79
 Terphenyl-d14
 Concen: 71.066 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133293.D
 Acq: 08 May 2023 14:14

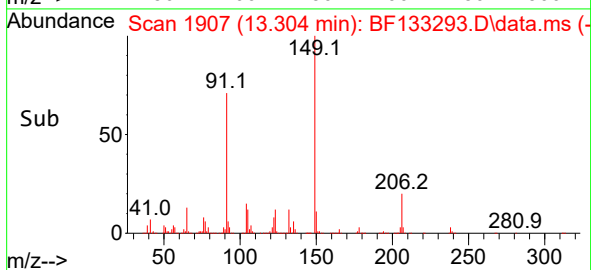
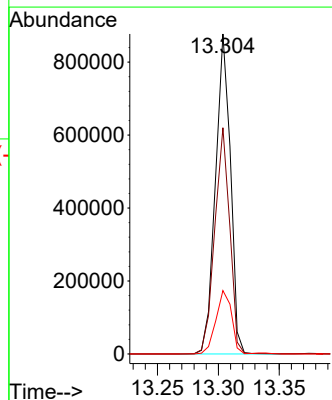
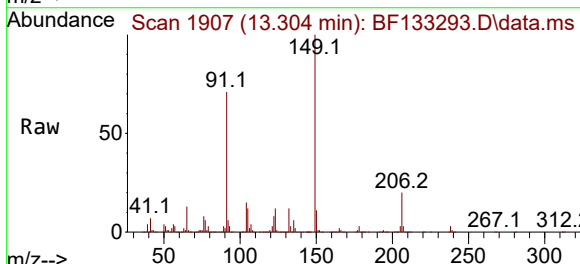
Instrument :
 BNA_F
 ClientSampleId :
 PB152599BS

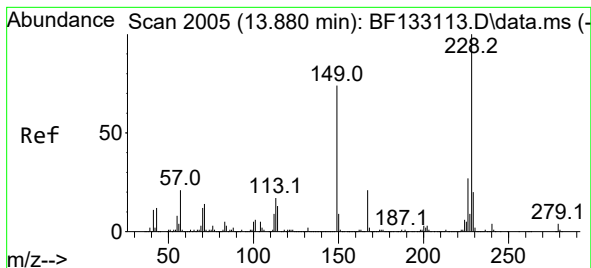
Tgt Ion:244 Resp: 1877348
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 13.0 8.6 13.0#



#80
 Butylbenzylphthalate
 Concen: 54.394 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: BF133293.D
 Acq: 08 May 2023 14:14

Tgt Ion:149 Resp: 752191
 Ion Ratio Lower Upper
 149 100
 91 70.7 53.8 80.6
 206 19.8 17.5 26.3





#81

Benzo(a)anthracene

Concen: 39.598 ng

RT: 13.868 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB152599BS

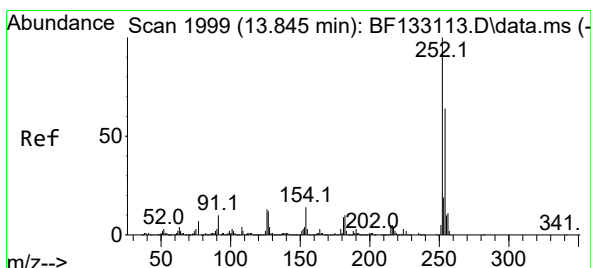
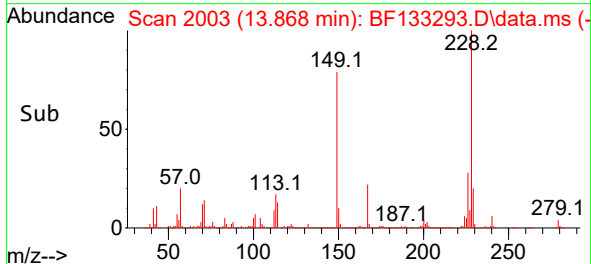
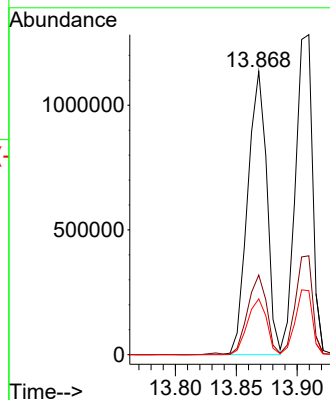
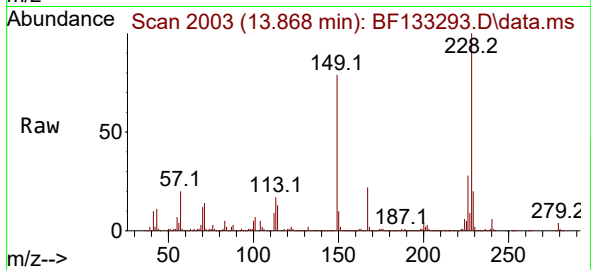
Tgt Ion:228 Resp: 1240614

Ion Ratio Lower Upper

228 100

226 28.1 22.2 33.4

229 19.7 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 34.367 ng

RT: 13.833 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

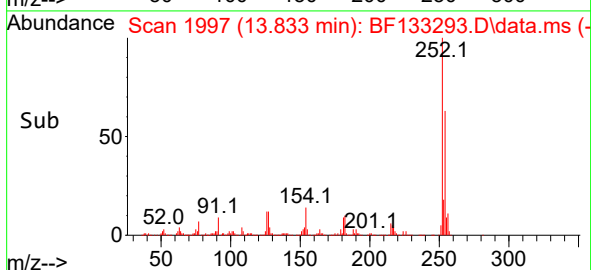
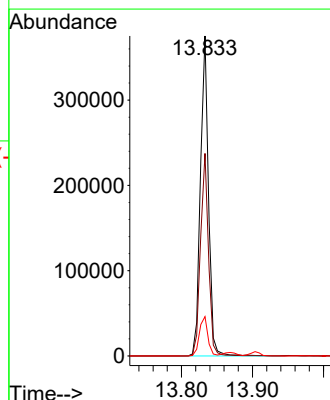
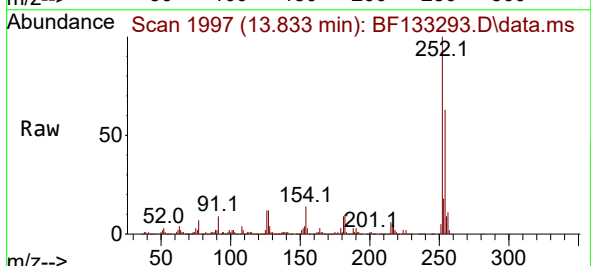
Tgt Ion:252 Resp: 297446

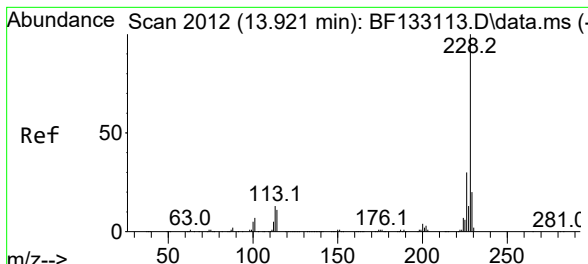
Ion Ratio Lower Upper

252 100

254 63.3 51.5 77.3

126 12.3 9.5 14.3





#83

Chrysene

Concen: 40.230 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB152599BS

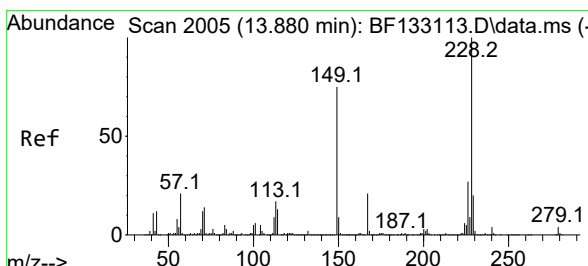
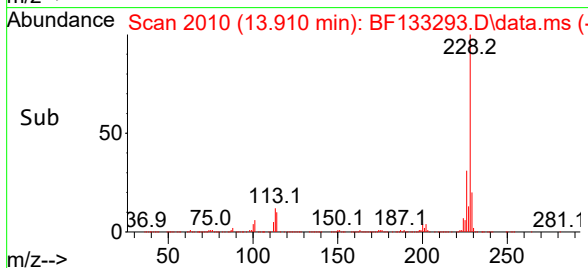
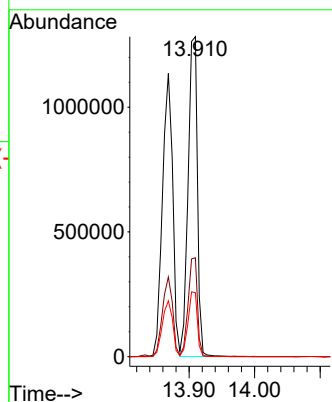
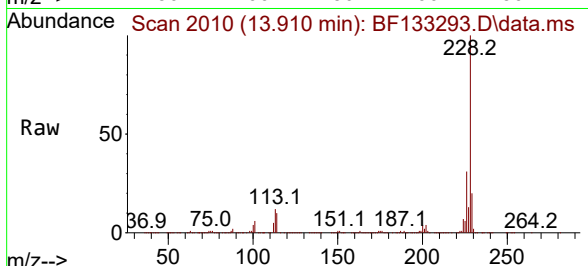
Tgt Ion:228 Resp: 1260104

Ion Ratio Lower Upper

228 100

226 30.9 24.7 37.1

229 20.0 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.619 ng

RT: 13.868 min Scan# 2003

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

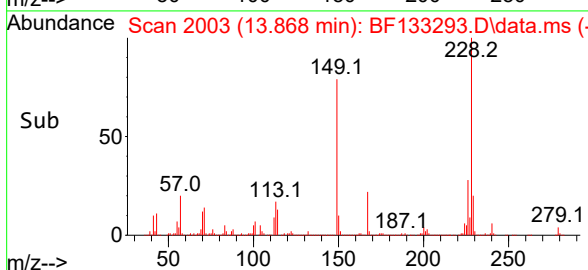
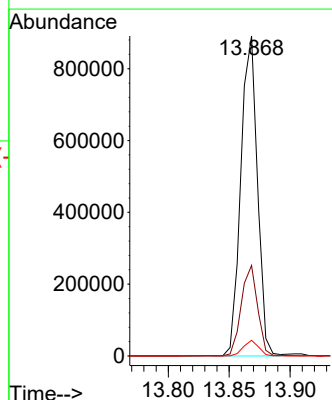
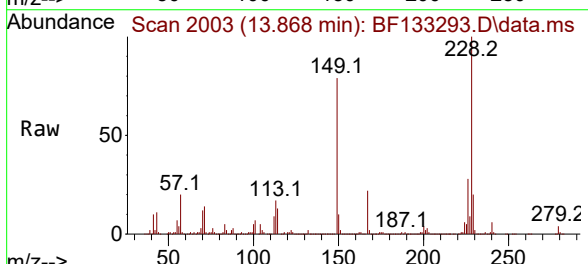
Tgt Ion:149 Resp: 843894

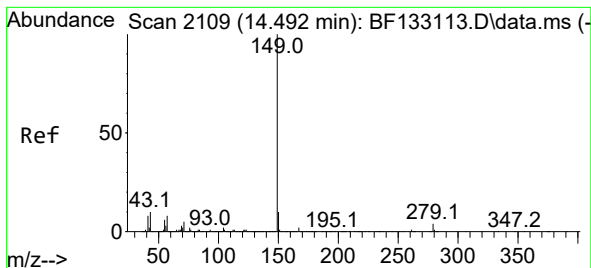
Ion Ratio Lower Upper

149 100

167 28.3 22.5 33.7

279 4.9 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 49.432 ng

RT: 14.474 min Scan# 2106

Delta R.T. -0.006 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB152599BS

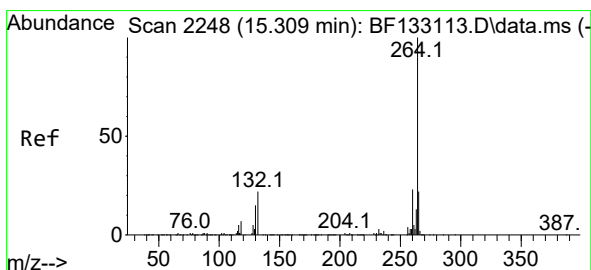
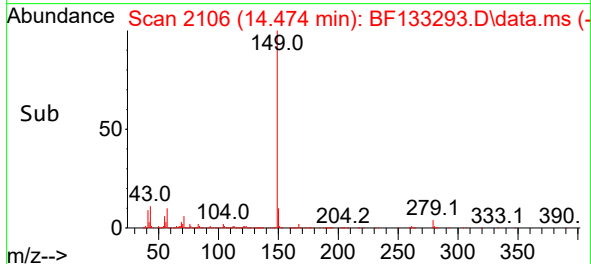
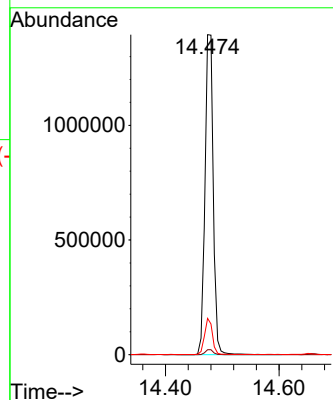
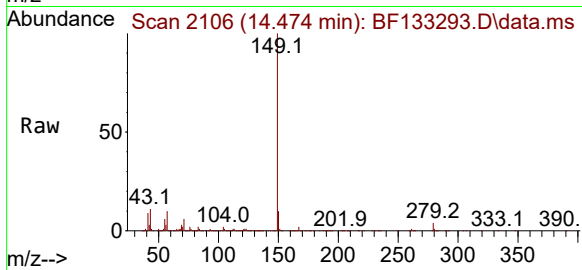
Tgt Ion:149 Resp: 1399045

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.8 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 2245

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

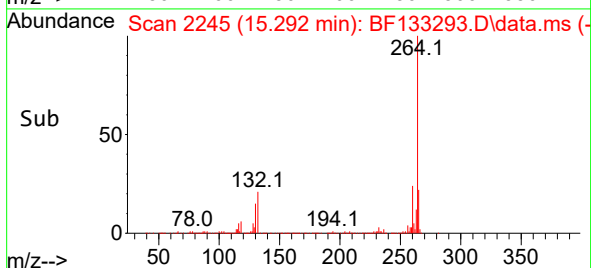
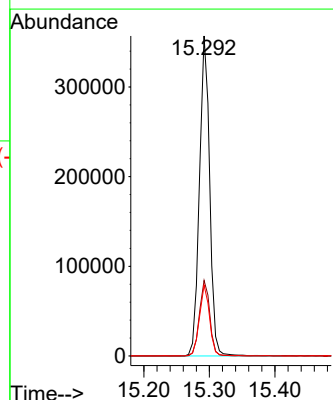
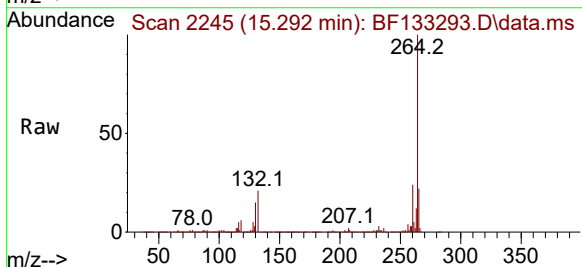
Tgt Ion:264 Resp: 388166

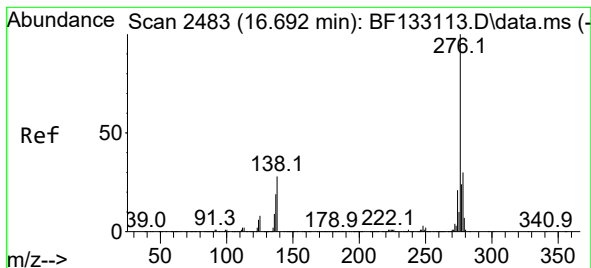
Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 22.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.773 ng

RT: 16.674 min Scan# 2480

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB152599BS

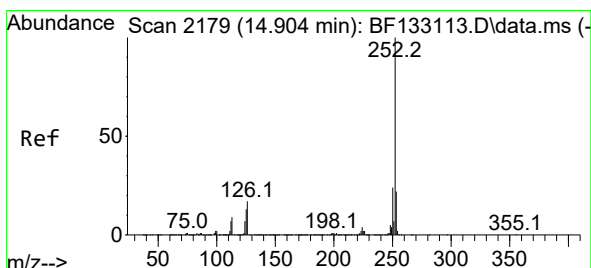
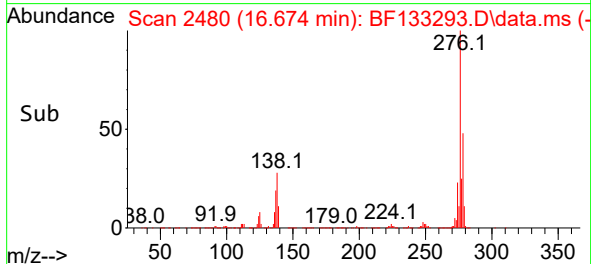
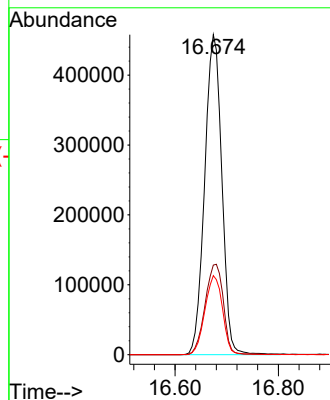
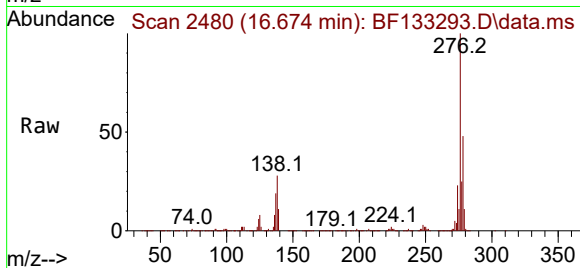
Tgt Ion:276 Resp: 1054802

Ion Ratio Lower Upper

276 100

138 30.0 25.5 38.3

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 42.977 ng

RT: 14.892 min Scan# 2177

Delta R.T. 0.000 min

Lab File: BF133293.D

Acq: 08 May 2023 14:14

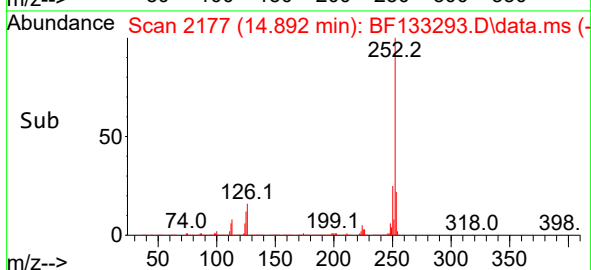
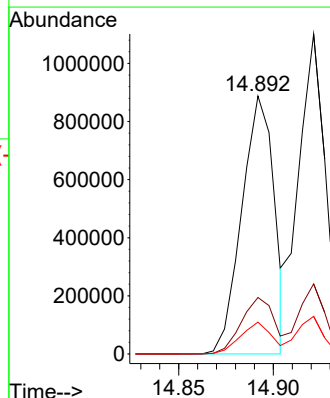
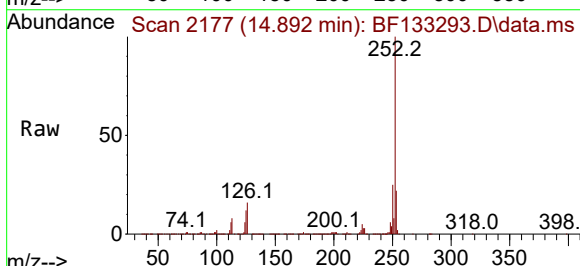
Tgt Ion:252 Resp: 1061306

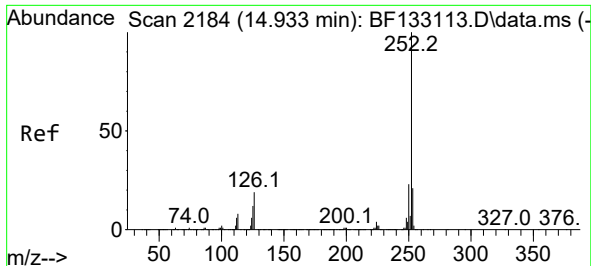
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 12.4 8.9 13.3

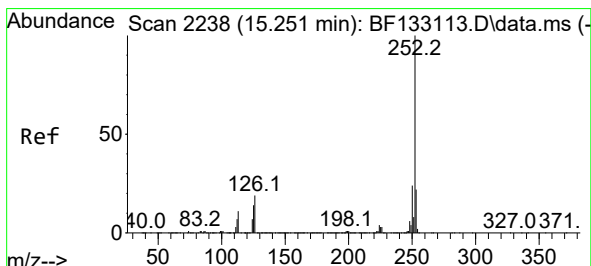
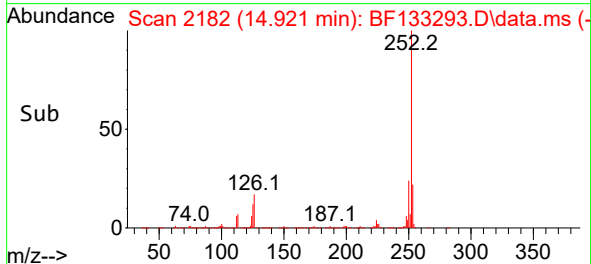
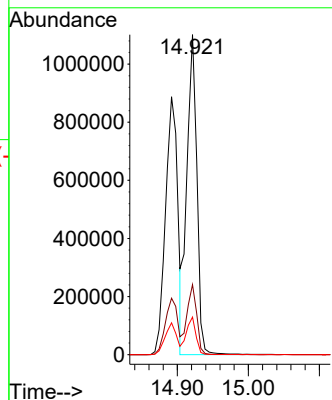
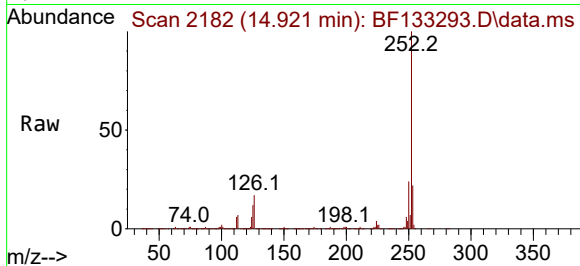




#89
Benzo(k)fluoranthene
Concen: 43.958 ng
RT: 14.921 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

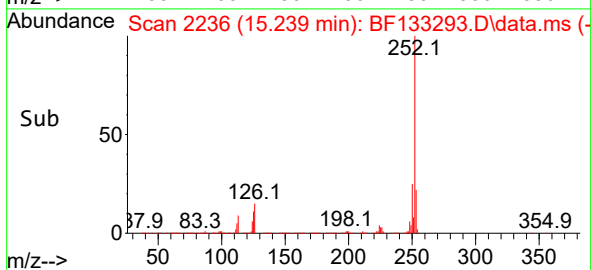
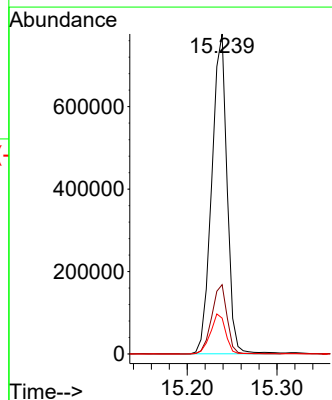
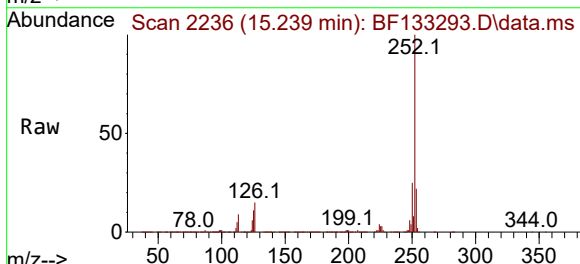
Instrument :
BNA_F
ClientSampleId :
PB152599BS

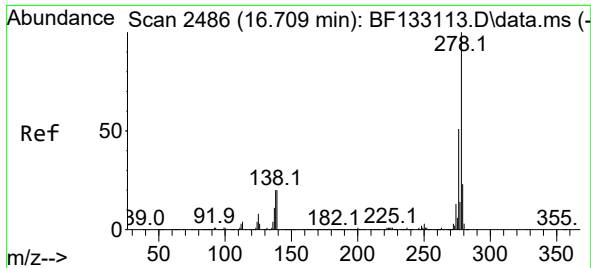
Tgt Ion:252 Resp: 1076073
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 11.8 9.0 13.4



#90
Benzo(a)pyrene
Concen: 40.926 ng
RT: 15.239 min Scan# 2236
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion:252 Resp: 919915
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 11.2 10.5 15.7

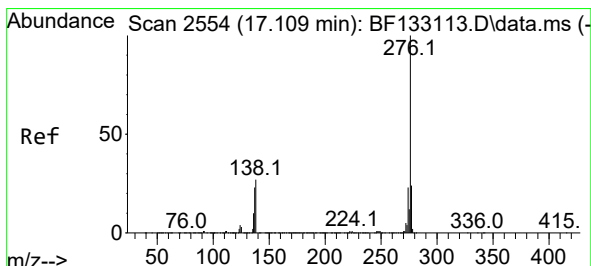
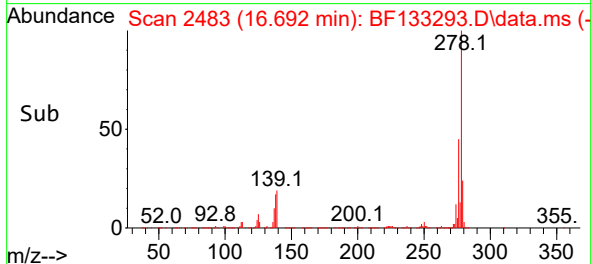
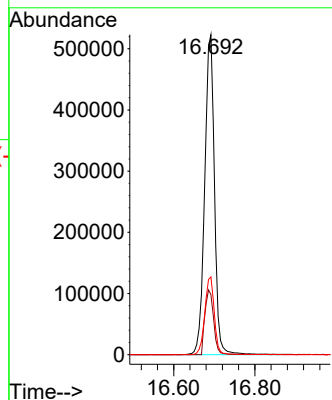
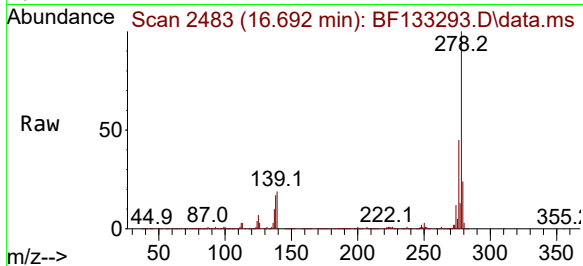




#91
Dibenzo(a,h)anthracene
Concen: 47.571 ng
RT: 16.692 min Scan# 2486
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Instrument :
BNA_F
ClientSampleId :
PB152599BS

Tgt Ion:278 Resp: 876040
Ion Ratio Lower Upper
278 100
139 18.8 16.6 24.8
279 24.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 47.879 ng
RT: 17.086 min Scan# 2550
Delta R.T. 0.000 min
Lab File: BF133293.D
Acq: 08 May 2023 14:14

Tgt Ion:276 Resp: 870478
Ion Ratio Lower Upper
276 100
277 24.5 19.4 29.0
138 27.3 22.7 34.1

