

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
 Data File : BF133192.D
 Acq On : 02 May 2023 16:50
 Operator : CG\JU
 Sample : 02568-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11938MSD

Quant Time: May 03 06:19:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 04:52:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	204225	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	829590	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	438769	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	763864	20.000	ng	0.00
76) Chrysene-d12	13.886	240	383390	20.000	ng	0.00
86) Perylene-d12	15.304	264	395762	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1405515	103.963	ng	0.01
7) Phenol-d6	6.381	99	1706390	101.690	ng	0.00
23) Nitrobenzene-d5	7.298	82	1052420	68.475	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	436316	98.878	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1816192	69.250	ng	0.00
79) Terphenyl-d14	12.839	244	1841110	82.822	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	278056	44.342	ng	97
3) Pyridine	3.169	79	695776	41.775	ng	97
4) n-Nitrosodimethylamine	3.134	42	383974	44.509	ng	95
6) Aniline	6.392	93	760504	35.188	ng	# 23
8) 2-Chlorophenol	6.516	128	681151	49.623	ng	98
9) Benzaldehyde	6.275	77	379572	56.146	ng	97
10) Phenol	6.392	94	815486	44.052	ng	76
11) bis(2-Chloroethyl)ether	6.469	93	645583	46.473	ng	99
12) 1,3-Dichlorobenzene	6.675	146	717685	49.177	ng	97
13) 1,4-Dichlorobenzene	6.751	146	716608	48.995	ng	97
14) 1,2-Dichlorobenzene	6.904	146	690582	51.213	ng	99
15) Benzyl Alcohol	6.881	79	579138	49.963	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	1061418	43.992	ng	96
17) 2-Methylphenol	6.998	107	557469	44.352	ng	98
18) Hexachloroethane	7.245	117	252394	49.634	ng	99
19) n-Nitroso-di-n-propyla...	7.157	70	442567	42.364	ng	94
20) 3+4-Methylphenols	7.151	107	668544	45.165	ng	# 85
22) Acetophenone	7.145	105	906623	47.178	ng	97
24) Nitrobenzene	7.316	77	696428	44.717	ng	98
25) Isophorone	7.557	82	1324660	45.394	ng	98
26) 2-Nitrophenol	7.633	139	383599	51.066	ng	97
27) 2,4-Dimethylphenol	7.681	122	611898	47.505	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	797347	46.188	ng	99
29) 2,4-Dichlorophenol	7.880	162	568224	48.458	ng	99
30) 1,2,4-Trichlorobenzene	7.957	180	580585	47.793	ng	100
31) Naphthalene	8.039	128	1905606	45.944	ng	98
32) Benzoic acid	7.816	122	391575	49.215	ng	99
33) 4-Chloroaniline	8.086	127	305287	18.217	ng	99
34) Hexachlorobutadiene	8.157	225	317118	47.099	ng	98
35) Caprolactam	8.469	113	152214	38.641	ng	95
36) 4-Chloro-3-methylphenol	8.580	107	621806	49.174	ng	96
37) 2-Methylnaphthalene	8.728	142	1268119	44.720	ng	99
38) 1-Methylnaphthalene	8.828	142	1203718	45.377	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	524153	44.430	ng	99
41) Hexachlorocyclopentadiene	8.886	237	620522	90.189	ng	98
43) 2,4,6-Trichlorophenol	9.010	196	388722	47.646	ng	98

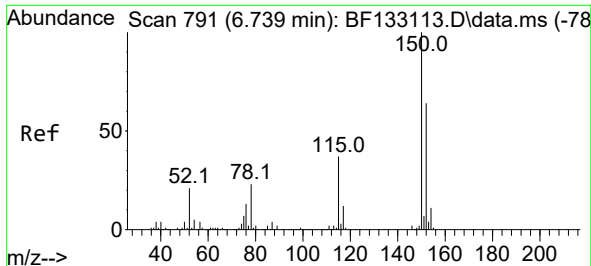
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
 Data File : BF133192.D
 Acq On : 02 May 2023 16:50
 Operator : CG\JU
 Sample : 02568-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11938MSD

Quant Time: May 03 06:19:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 04:52:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	420249	44.538	ng	99
46) 1,1'-Biphenyl	9.192	154	1575424	45.281	ng	99
47) 2-Chloronaphthalene	9.216	162	1180787	46.368	ng	98
48) 2-Nitroaniline	9.316	65	383976	45.623	ng	96
49) Acenaphthylene	9.633	152	1815924	44.628	ng	99
50) Dimethylphthalate	9.498	163	1420798	46.440	ng	100
51) 2,6-Dinitrotoluene	9.557	165	339679	49.329	ng	95
52) Acenaphthene	9.804	154	1160412	42.580	ng	99
53) 3-Nitroaniline	9.727	138	275266	33.620	ng	97
54) 2,4-Dinitrophenol	9.833	184	383928	110.922	ng	96
55) Dibenzofuran	9.980	168	1650782	44.406	ng	100
56) 4-Nitrophenol	9.898	139	597910	94.286	ng	92
57) 2,4-Dinitrotoluene	9.963	165	433572	49.373	ng	94
58) Fluorene	10.322	166	1216872	44.679	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.098	232	344571	47.104	ng	98
60) Diethylphthalate	10.198	149	1319993	45.677	ng	100
61) 4-Chlorophenyl-phenyle...	10.310	204	586057	44.155	ng	96
62) 4-Nitroaniline	10.345	138	369135	49.053	ng	98
63) Azobenzene	10.474	77	1536757	50.199	ng	96
65) 4,6-Dinitro-2-methylph...	10.374	198	255655	55.218	ng	99
66) n-Nitrosodiphenylamine	10.433	169	1117089	45.084	ng	100
67) 4-Bromophenyl-phenylether	10.798	248	380000	45.869	ng	94
68) Hexachlorobenzene	10.869	284	409655	48.257	ng	98
69) Atrazine	10.963	200	387586	54.287	ng	98
70) Pentachlorophenol	11.063	266	473187	78.266	ng	97
71) Phenanthrene	11.280	178	1994230	48.574	ng	99
72) Anthracene	11.333	178	1921159	45.725	ng	100
73) Carbazole	11.486	167	1715838	45.863	ng	99
74) Di-n-butylphthalate	11.821	149	2078180	49.086	ng	99
75) Fluoranthene	12.463	202	2071940	50.285	ng	100
77) Benzidine	12.586	184	798562	123.172	ng	# 93
78) Pyrene	12.692	202	2032002	61.828	ng	99
80) Butylbenzylphthalate	13.315	149	769131	66.095	ng	98
81) Benzo(a)anthracene	13.874	228	1295974	49.156	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	339090	46.558	ng	# 99
83) Chrysene	13.915	228	1305991	49.548	ng	100
84) Bis(2-ethylhexyl)phtha...	13.874	149	860521	58.914	ng	# 99
85) Di-n-octyl phthalate	14.486	149	1409019	59.162	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1454566	64.614	ng	99
88) Benzo(b)fluoranthene	14.904	252	1257099	49.929	ng	99
89) Benzo(k)fluoranthene	14.933	252	1142545	45.778	ng	99
90) Benzo(a)pyrene	15.251	252	1100498	48.021	ng	99
91) Dibenzo(a,h)anthracene	16.709	278	1175453	62.604	ng	99
92) Benzo(g,h,i)perylene	17.115	276	1196324	64.538	ng	98

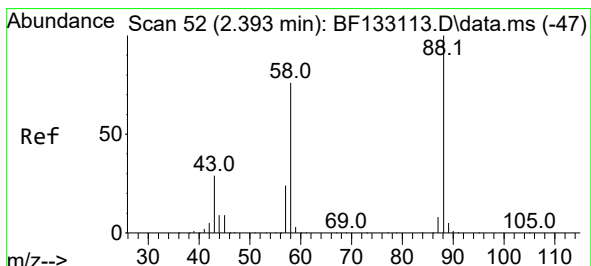
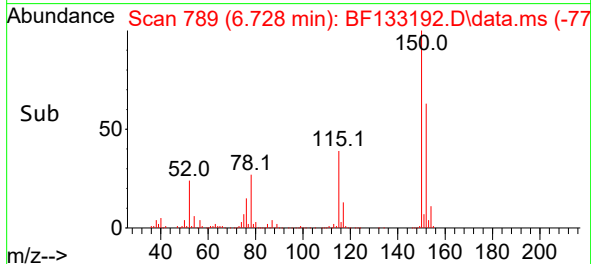
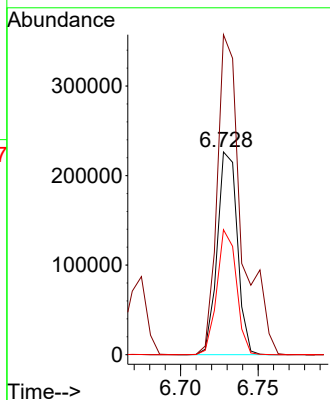
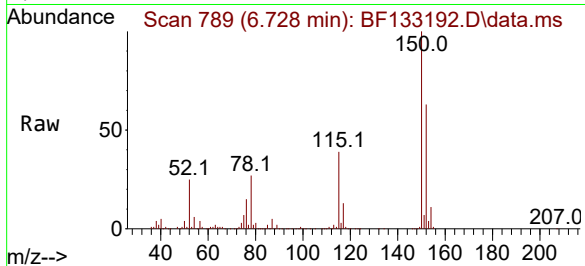
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF133192.D
 Acq: 02 May 2023 16:50

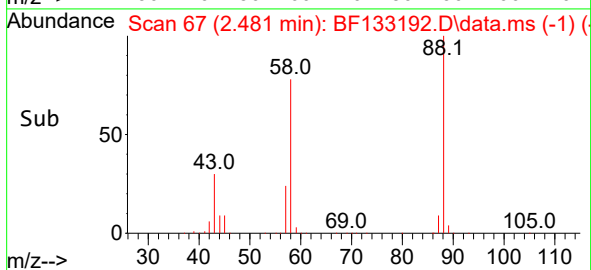
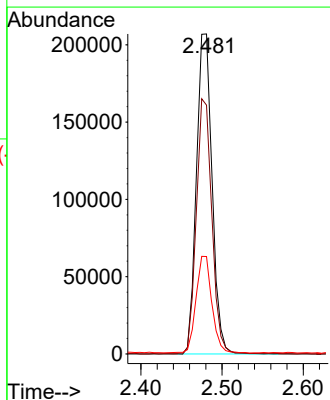
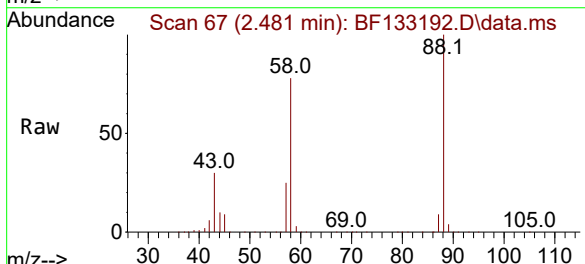
Instrument :
 BNA_F
 ClientSampleId :
 72-11938MSD

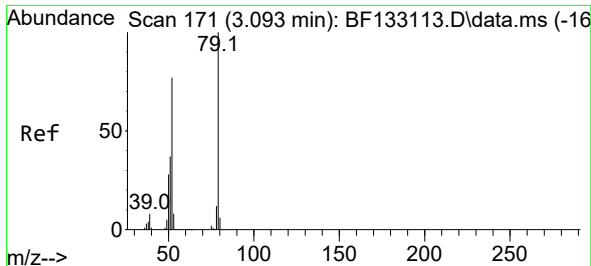
Tgt Ion:152 Resp: 204225
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.8 187.2
 115 61.6 49.9 74.9



#2
 1,4-Dioxane
 Concen: 44.342 ng
 RT: 2.481 min Scan# 67
 Delta R.T. 0.100 min
 Lab File: BF133192.D
 Acq: 02 May 2023 16:50

Tgt Ion: 88 Resp: 278056
 Ion Ratio Lower Upper
 88 100
 58 78.7 64.7 97.1
 43 30.6 26.2 39.2

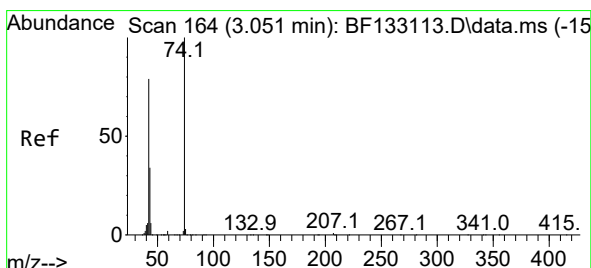
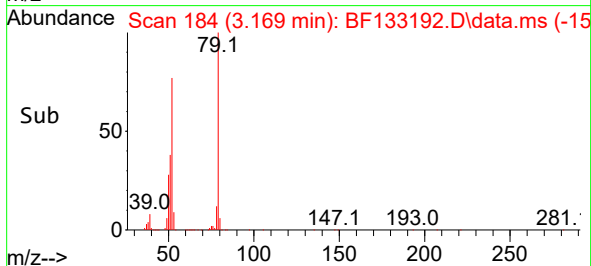
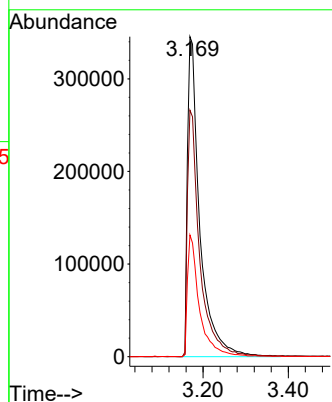
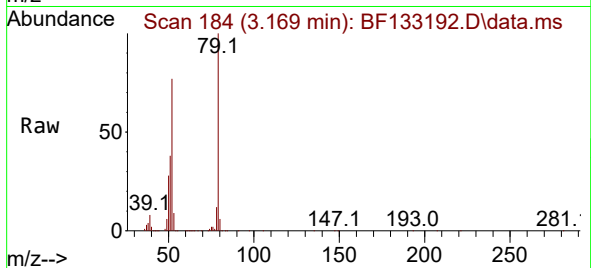




#3
 Pyridine
 Concen: 41.775 ng
 RT: 3.169 min Scan# 11
 Delta R.T. 0.088 min
 Lab File: BF133192.D
 Acq: 02 May 2023 16:50

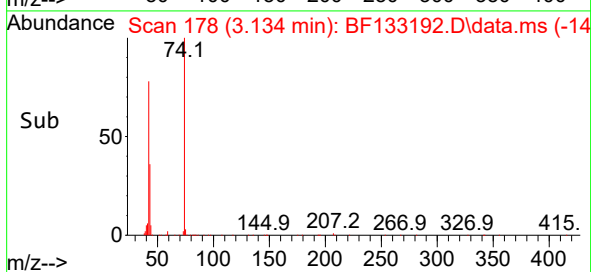
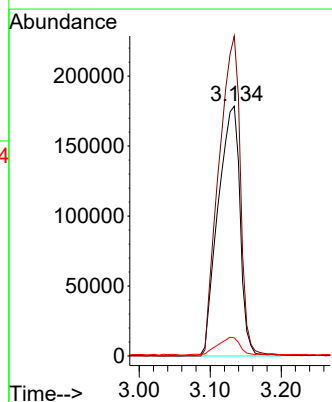
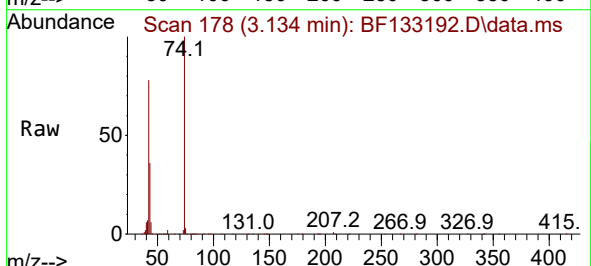
Instrument :
 BNA_F
 ClientSampleId :
 72-11938MSD

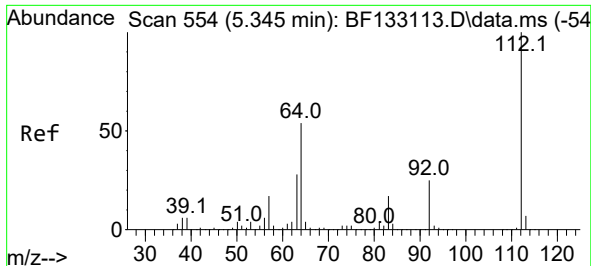
Tgt Ion: 79 Resp: 695776
 Ion Ratio Lower Upper
 79 100
 52 77.0 64.6 96.8
 51 38.0 30.0 45.0



#4
 n-Nitrosodimethylamine
 Concen: 44.509 ng
 RT: 3.134 min Scan# 178
 Delta R.T. 0.094 min
 Lab File: BF133192.D
 Acq: 02 May 2023 16:50

Tgt Ion: 42 Resp: 383974
 Ion Ratio Lower Upper
 42 100
 74 128.1 98.0 147.0
 44 7.2 5.8 8.8

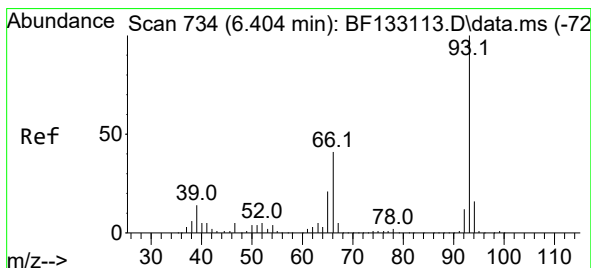
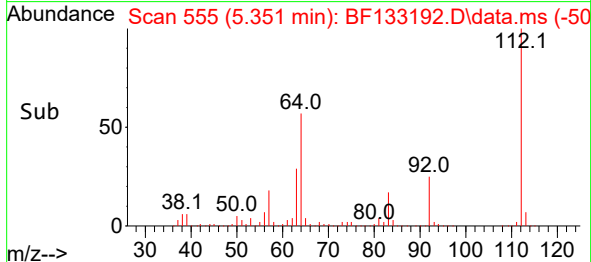
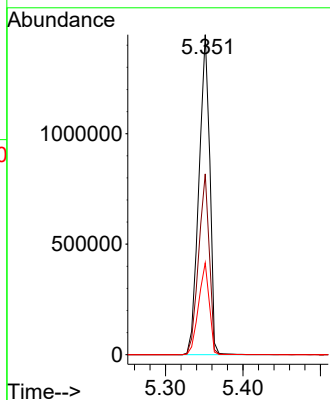
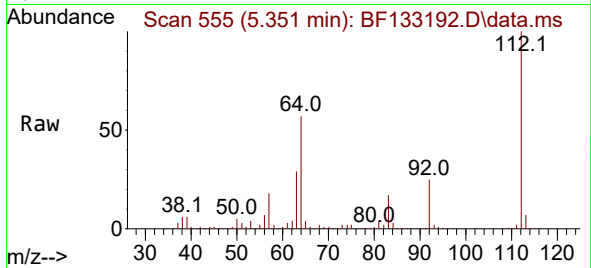




#5
2-Fluorophenol
Concen: 103.963 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

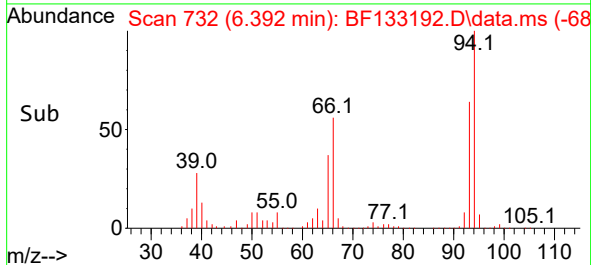
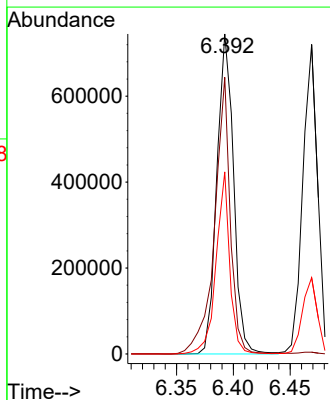
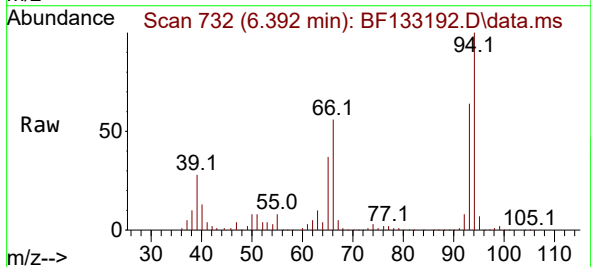
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

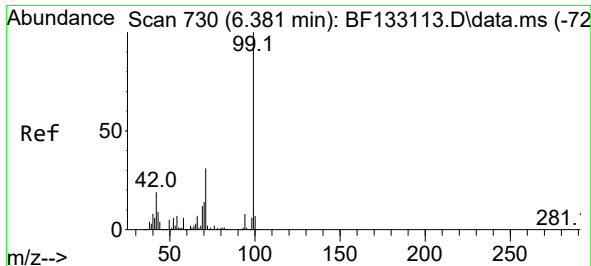
Tgt Ion:112 Resp: 1405515
Ion Ratio Lower Upper
112 100
64 56.5 46.8 70.2
63 28.7 23.8 35.8



#6
Aniline
Concen: 35.188 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion: 93 Resp: 760504
Ion Ratio Lower Upper
93 100
66 86.5 31.5 47.3#
65 56.9 16.4 24.6#

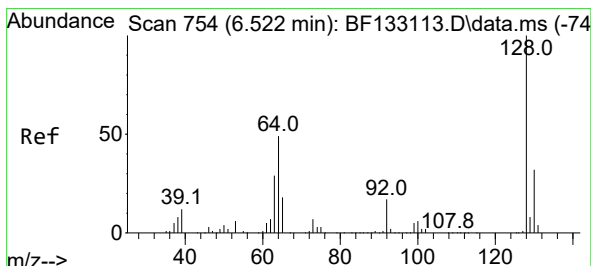
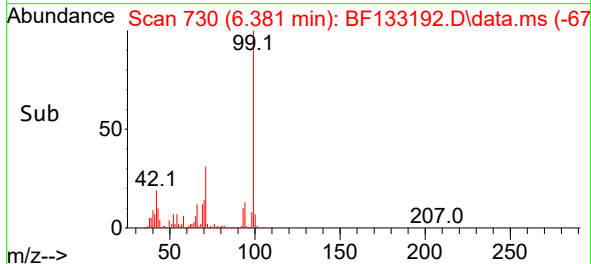
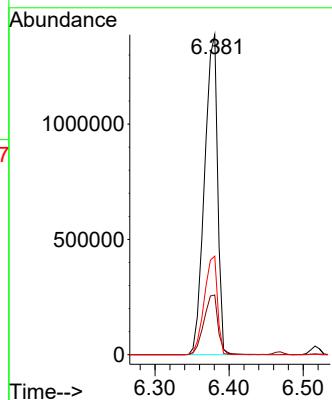
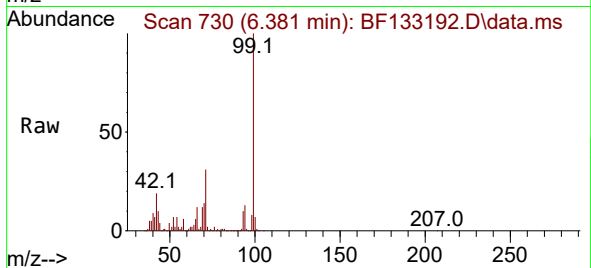




#7
Phenol-d6
Concen: 101.690 ng
RT: 6.381 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

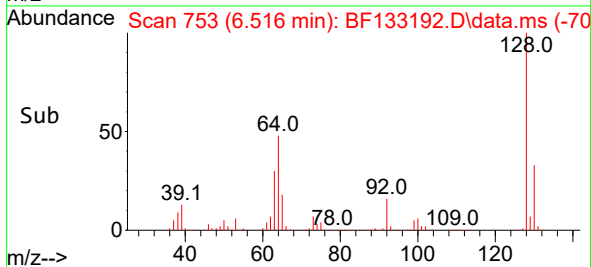
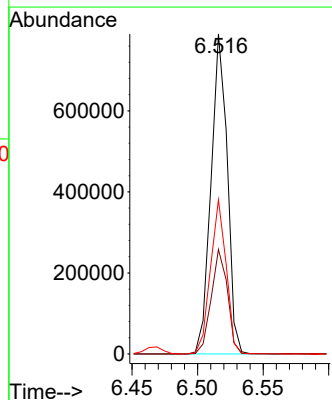
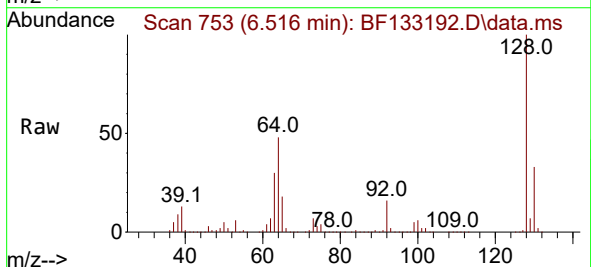
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

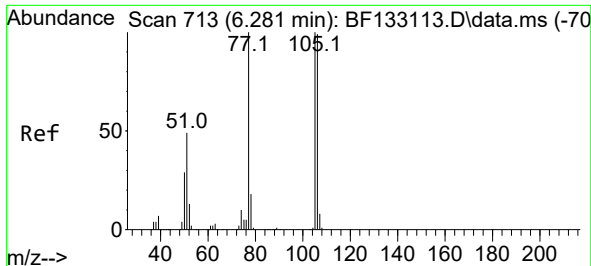
Tgt Ion: 99 Resp: 1706390
Ion Ratio Lower Upper
99 100
42 18.7 16.3 24.5
71 30.8 25.6 38.4



#8
2-Chlorophenol
Concen: 49.623 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion: 128 Resp: 681151
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 48.2 30.3 70.3

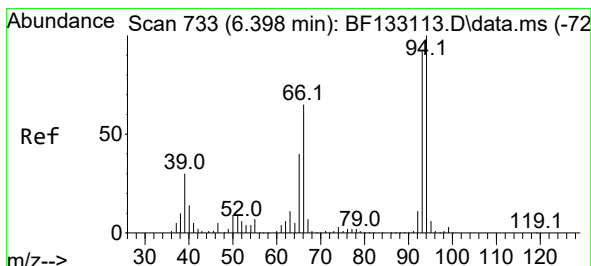
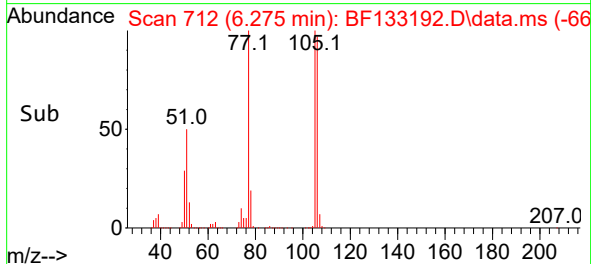
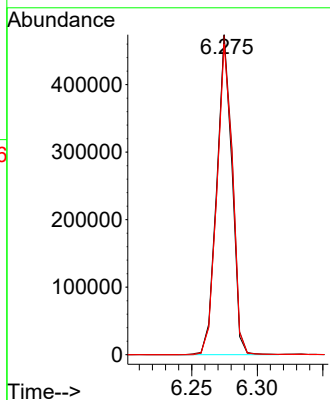
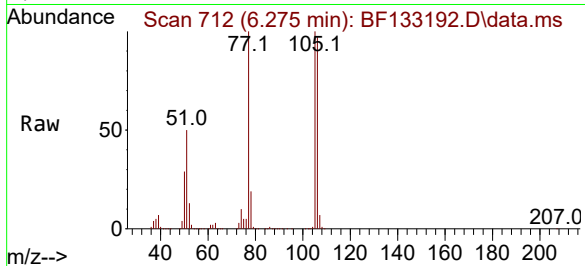




#9
Benzaldehyde
Concen: 56.146 ng
RT: 6.275 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

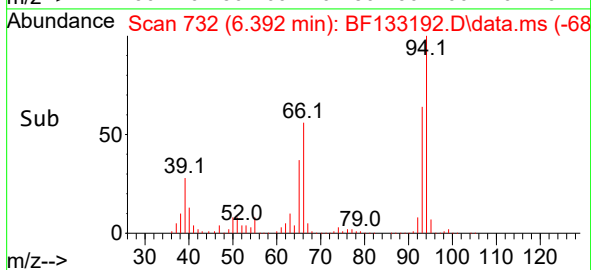
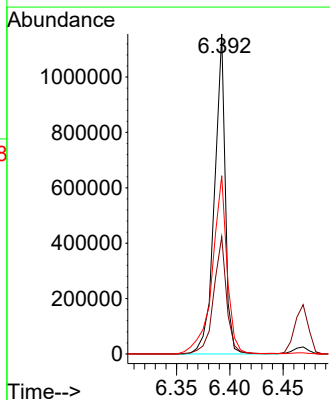
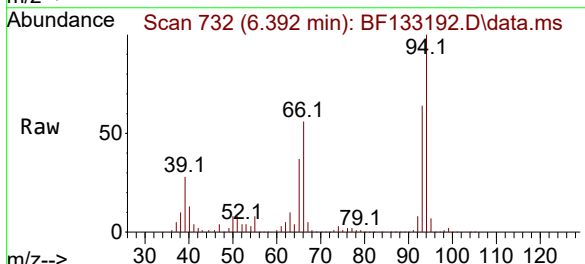
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

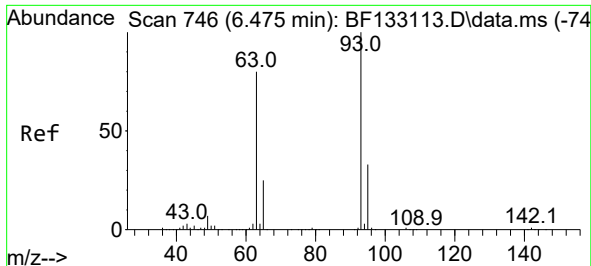
Tgt Ion: 77 Resp: 379572
Ion Ratio Lower Upper
77 100
105 99.8 82.3 122.3
106 97.1 80.8 120.8



#10
Phenol
Concen: 44.052 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.006 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion: 94 Resp: 815486
Ion Ratio Lower Upper
94 100
65 36.7 8.6 48.6
66 55.7 17.3 57.3

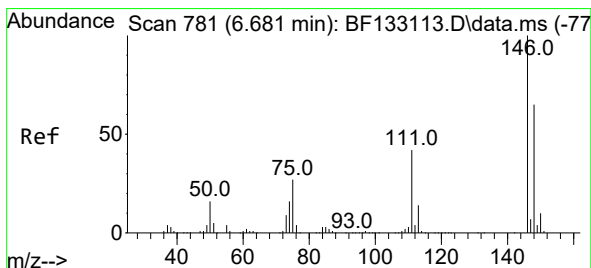
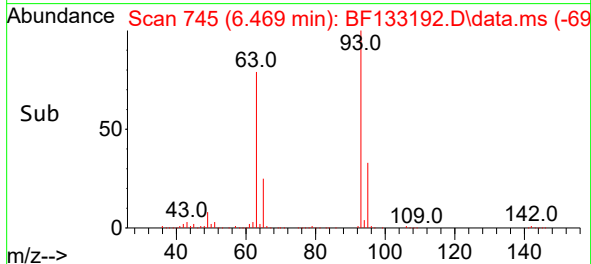
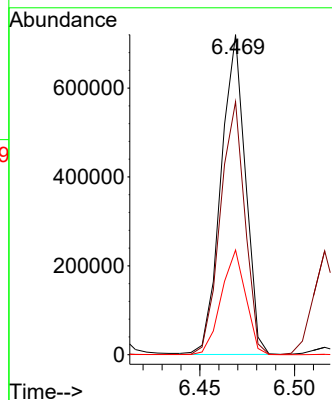
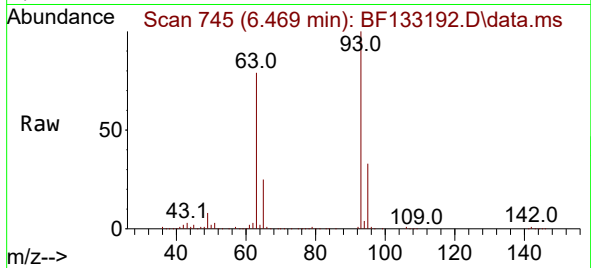




#11
bis(2-Chloroethyl)ether
Concen: 46.473 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

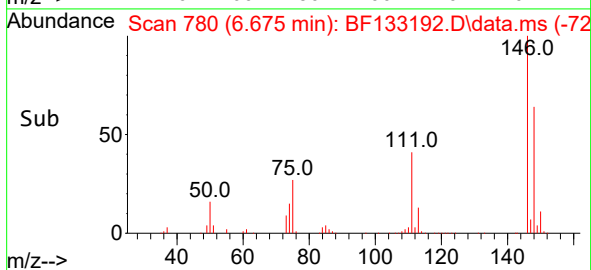
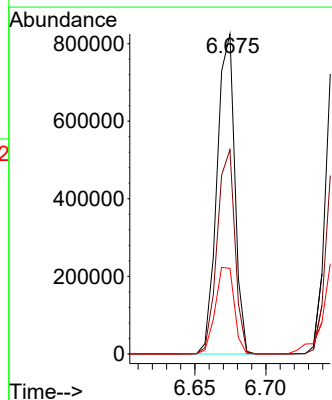
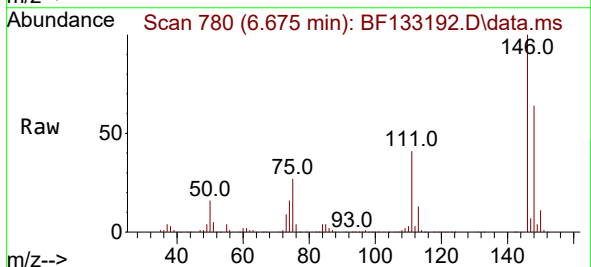
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

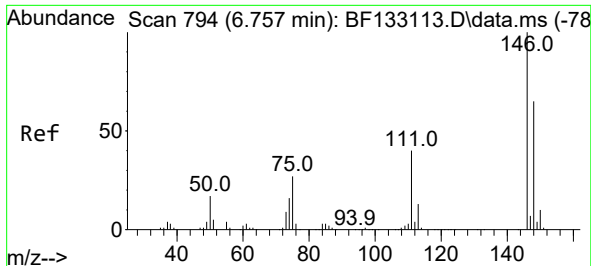
Tgt Ion: 93 Resp: 645583
Ion Ratio Lower Upper
93 100
63 79.0 60.6 100.6
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 49.177 ng
RT: 6.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion:146 Resp: 717685
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
75 26.8 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 48.995 ng

RT: 6.751 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

72-11938MSD

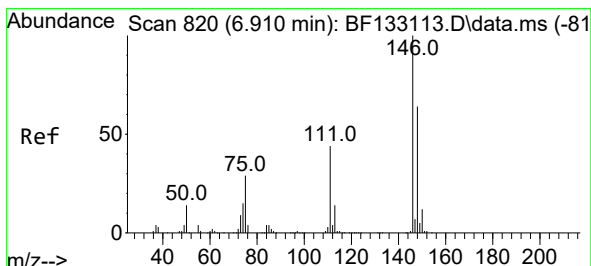
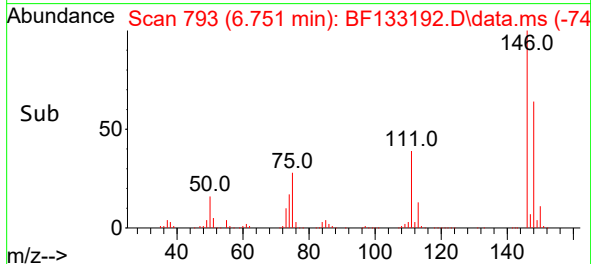
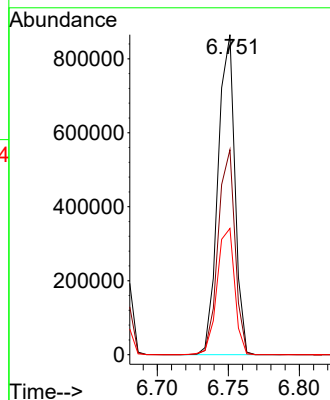
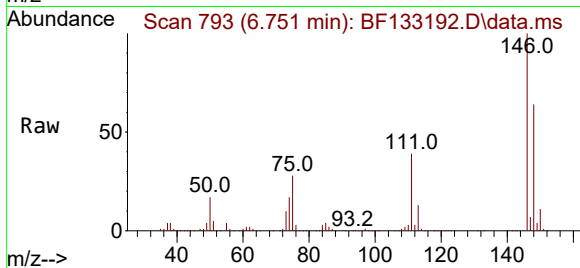
Tgt Ion:146 Resp: 716608

Ion Ratio Lower Upper

146 100

148 64.0 50.3 75.5

111 39.4 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 51.213 ng

RT: 6.904 min Scan# 819

Delta R.T. 0.000 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

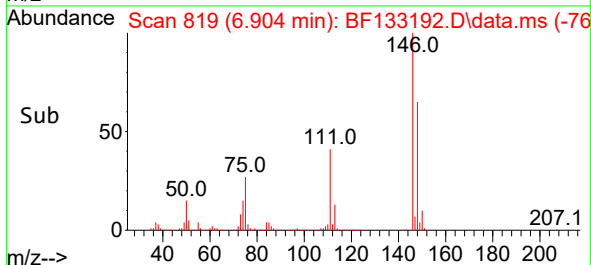
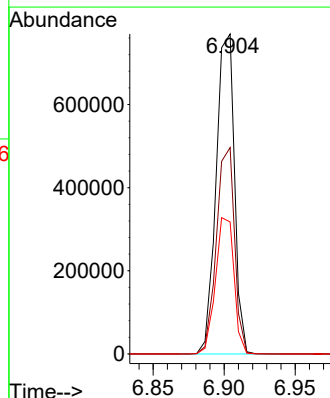
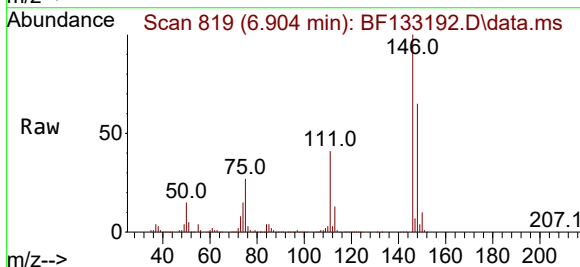
Tgt Ion:146 Resp: 690582

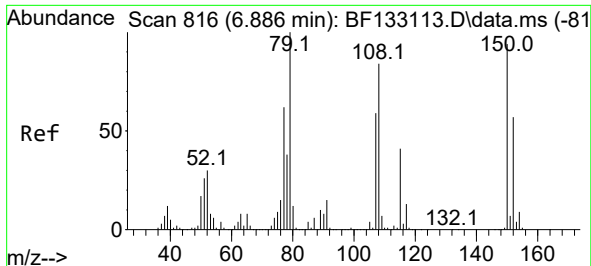
Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.2

111 41.2 32.8 49.2

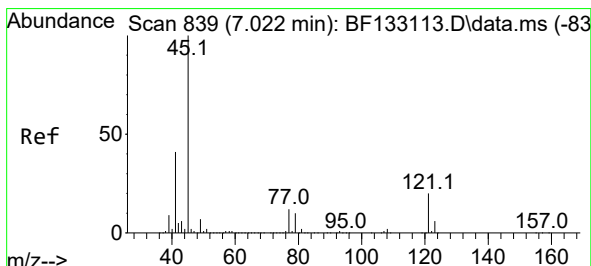
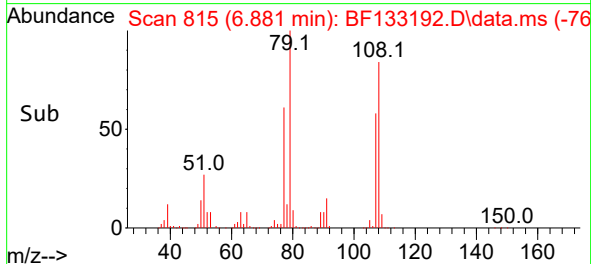
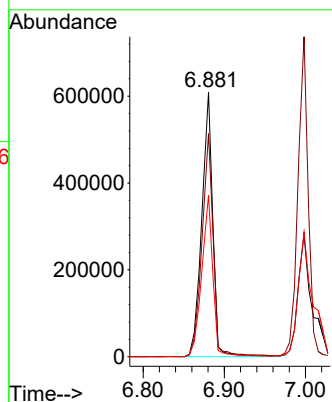
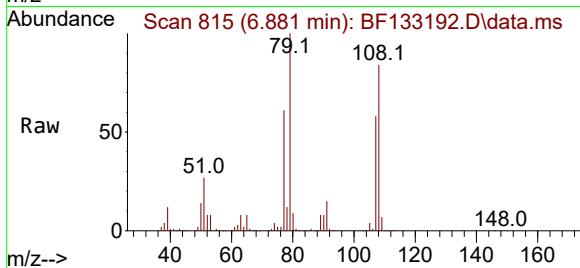




#15
Benzyl Alcohol
Concen: 49.963 ng
RT: 6.881 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

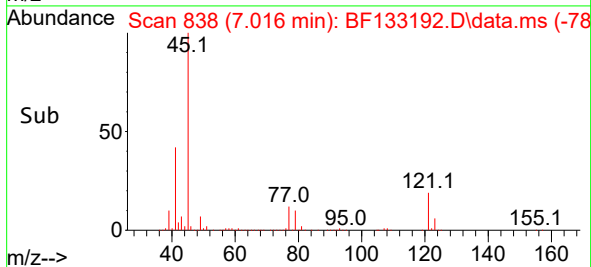
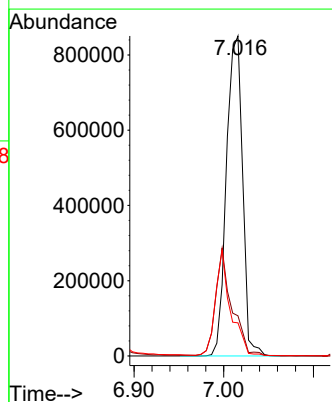
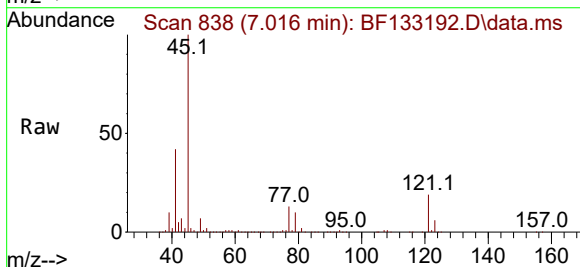
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

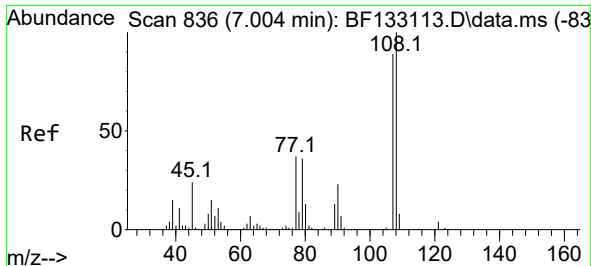
Tgt Ion: 79 Resp: 579138
Ion Ratio Lower Upper
79 100
108 84.3 66.6 99.8
77 61.1 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.992 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion: 45 Resp: 1061418
Ion Ratio Lower Upper
45 100
77 12.5 0.0 31.5
79 10.3 0.0 28.7





#17

2-Methylphenol

Concen: 44.352 ng

RT: 6.998 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

72-11938MSD

Tgt Ion:107 Resp: 557469

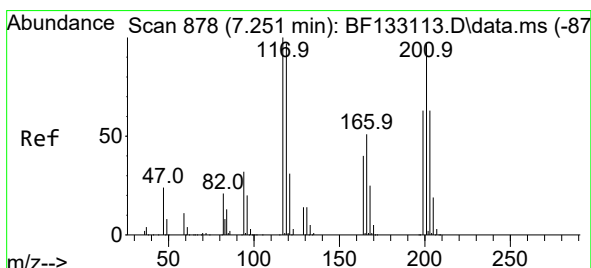
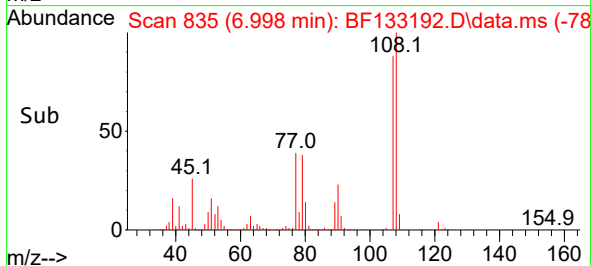
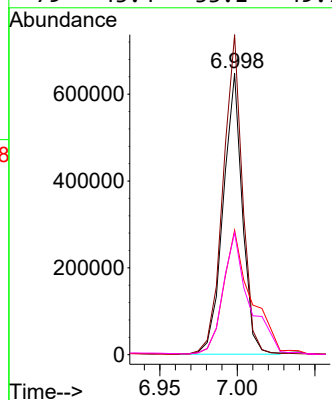
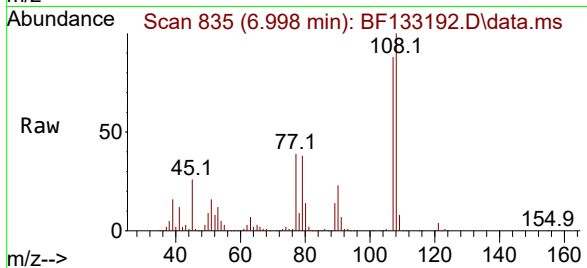
Ion Ratio Lower Upper

107 100

108 113.7 92.4 138.6

77 44.2 33.8 50.8

79 43.4 33.1 49.7



#18

Hexachloroethane

Concen: 49.634 ng

RT: 7.245 min Scan# 877

Delta R.T. 0.000 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

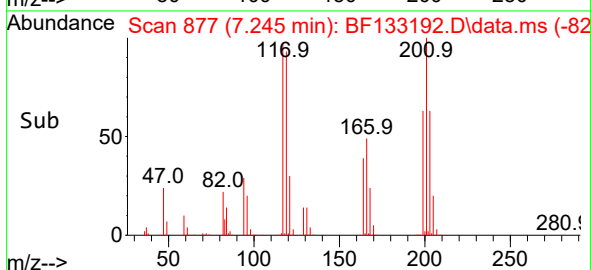
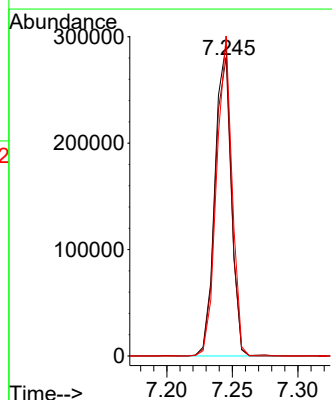
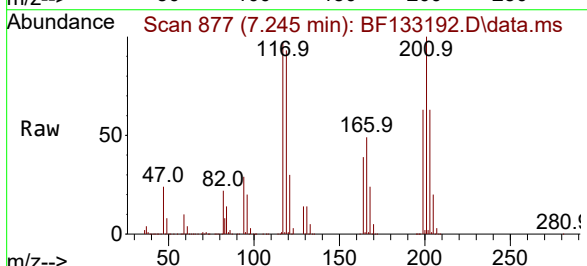
Tgt Ion:117 Resp: 252394

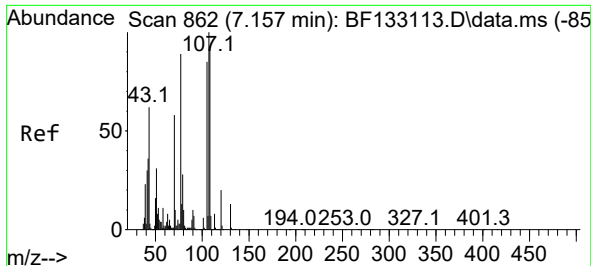
Ion Ratio Lower Upper

117 100

119 95.8 78.2 117.4

201 102.6 81.7 122.5



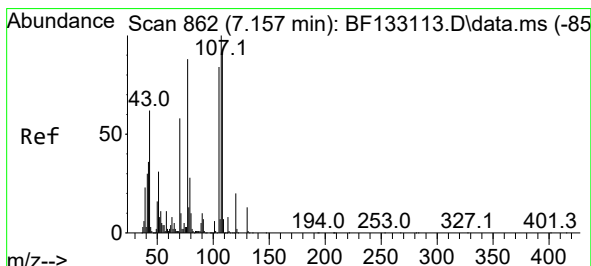
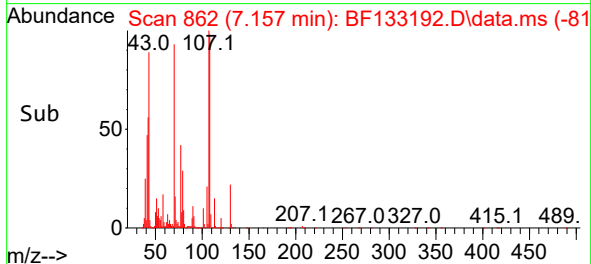
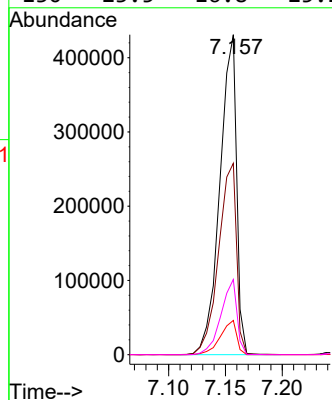
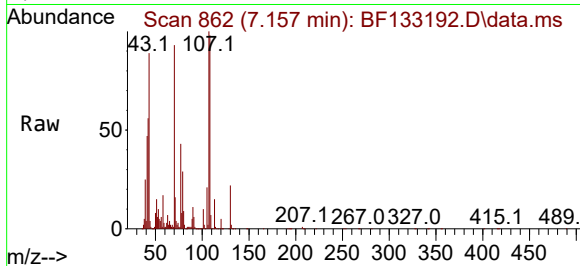


#19
n-Nitroso-di-n-propylamine
Concen: 42.364 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Tgt Ion: 70 Resp: 442567

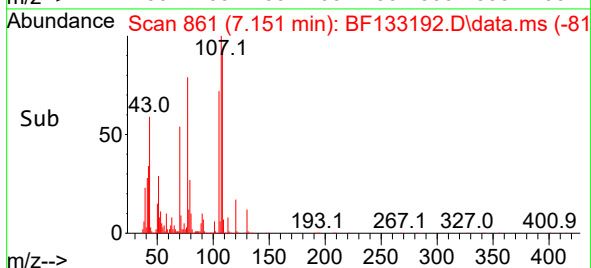
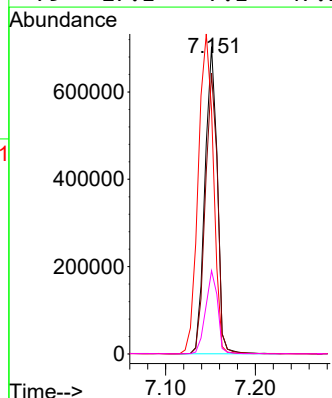
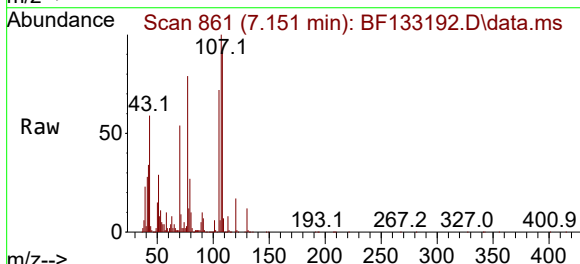
Ion	Ratio	Lower	Upper
70	100		
42	59.8	51.8	77.6
101	10.7	8.0	12.0
130	23.5	16.8	25.2

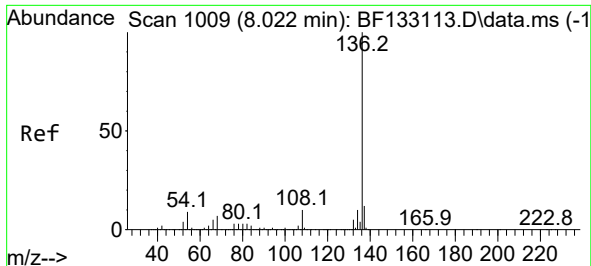


#20
3+4-Methylphenols
Concen: 45.165 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion: 107 Resp: 668544

Ion	Ratio	Lower	Upper
107	100		
108	91.3	70.5	110.5
77	79.4	91.7	131.7#
79	27.1	7.1	47.1



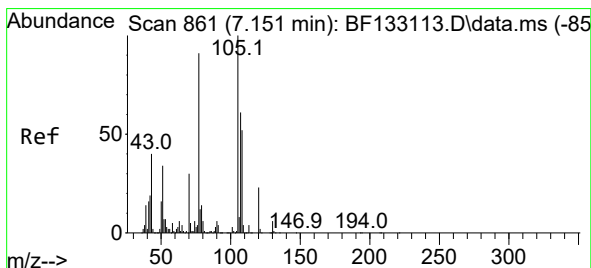
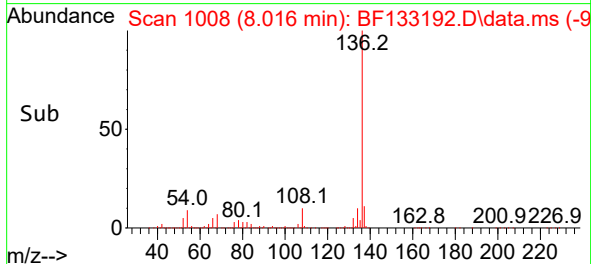
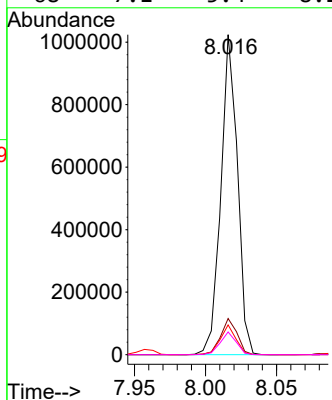
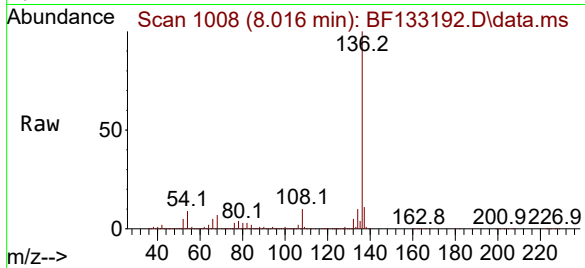


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Tgt Ion:136 Resp: 829590

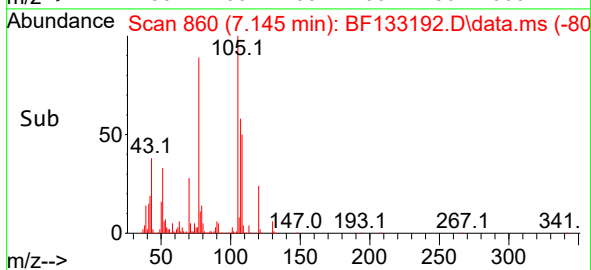
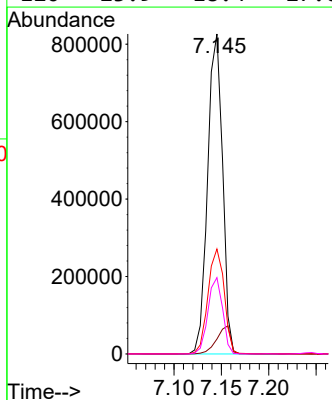
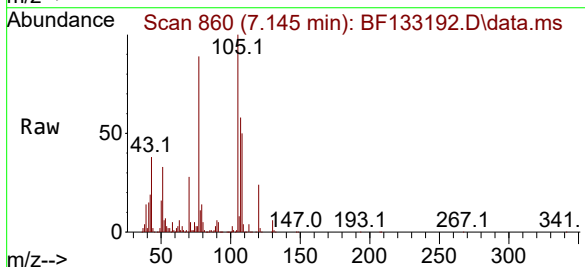
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.3	7.0	10.4
68	7.1	5.4	8.2

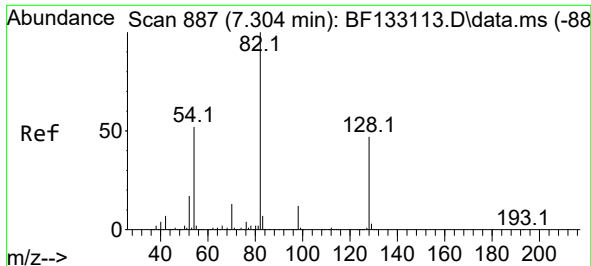


#22
Acetophenone
Concen: 47.178 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion:105 Resp: 906623

Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.6	7.0
51	32.8	28.2	42.2
120	23.9	18.4	27.6





#23

Nitrobenzene-d5

Concen: 68.475 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

72-11938MSD

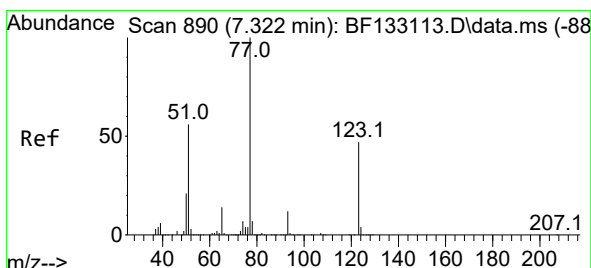
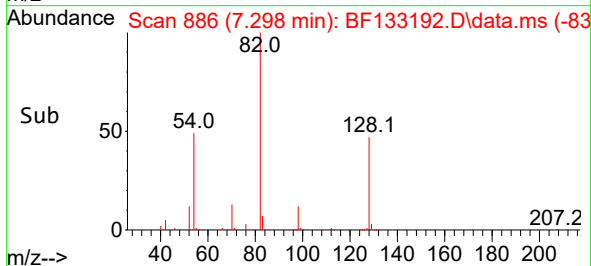
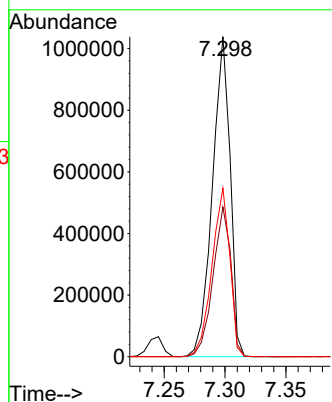
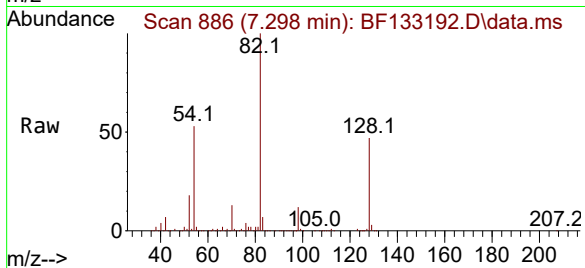
Tgt Ion: 82 Resp: 1052420

Ion Ratio Lower Upper

82 100

128 46.7 37.7 56.5

54 52.6 43.0 64.4



#24

Nitrobenzene

Concen: 44.717 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

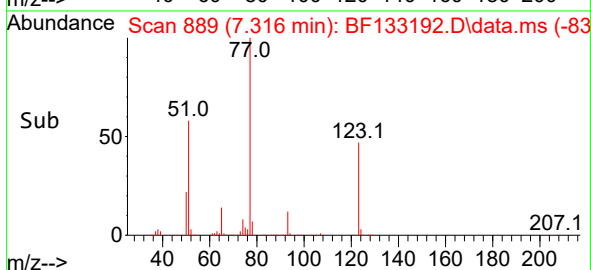
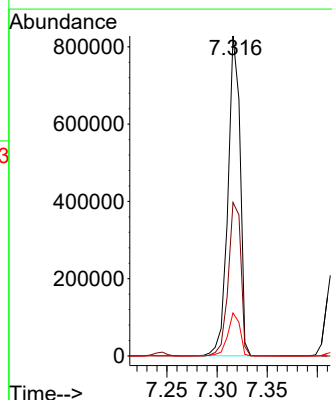
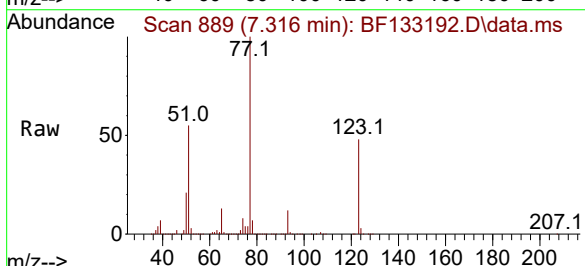
Tgt Ion: 77 Resp: 696428

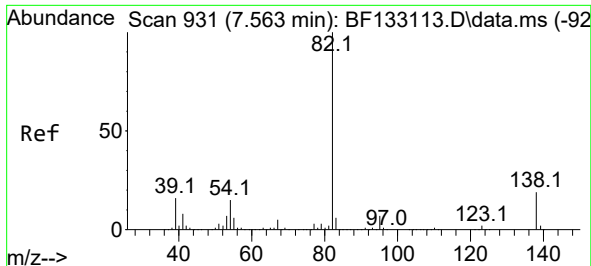
Ion Ratio Lower Upper

77 100

123 48.0 39.9 59.9

65 13.4 10.7 16.1

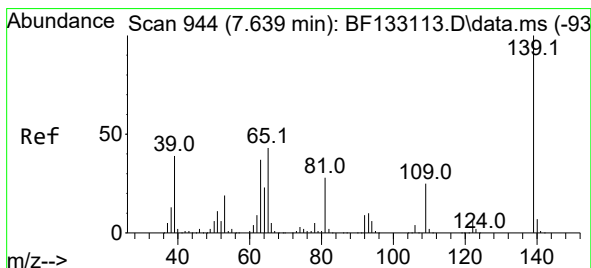
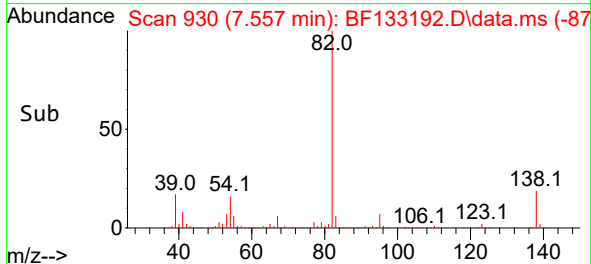
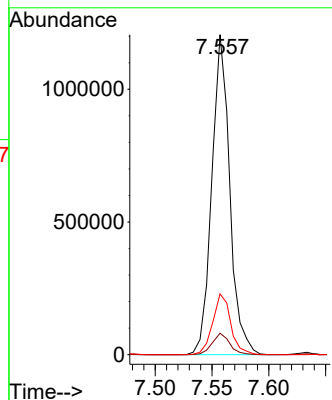
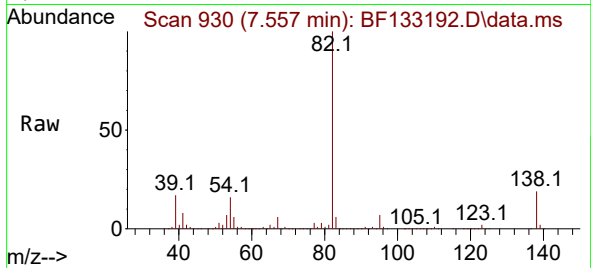




#25
Isophorone
Concen: 45.394 ng
RT: 7.557 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

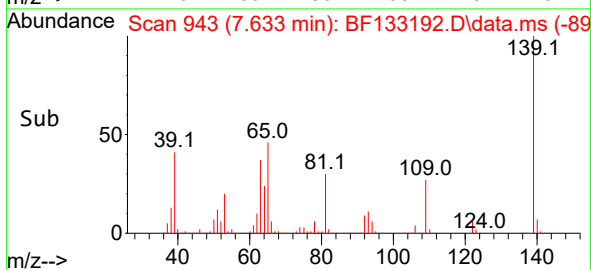
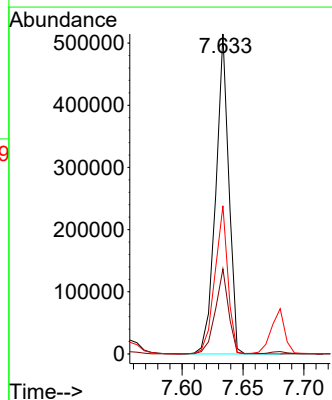
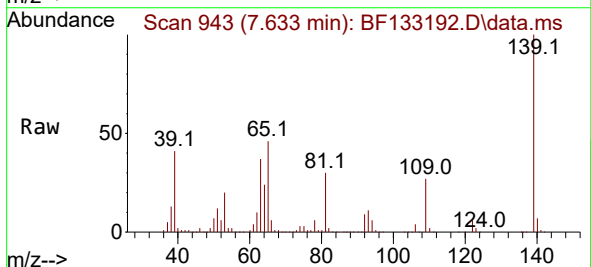
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

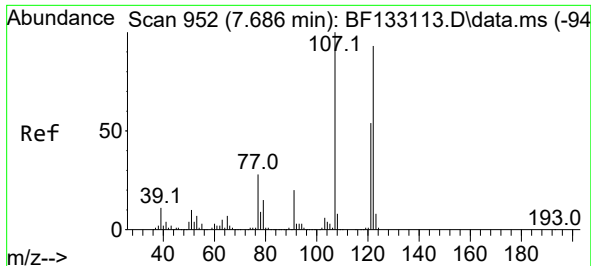
Tgt Ion: 82 Resp: 1324660
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 19.0 16.0 24.0



#26
2-Nitrophenol
Concen: 51.066 ng
RT: 7.633 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion:139 Resp: 383599
Ion Ratio Lower Upper
139 100
109 26.6 21.6 32.4
65 46.3 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 47.505 ng

RT: 7.681 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

72-11938MSD

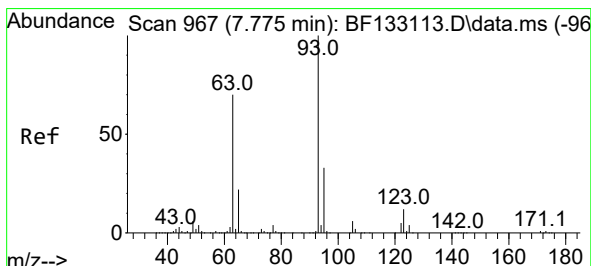
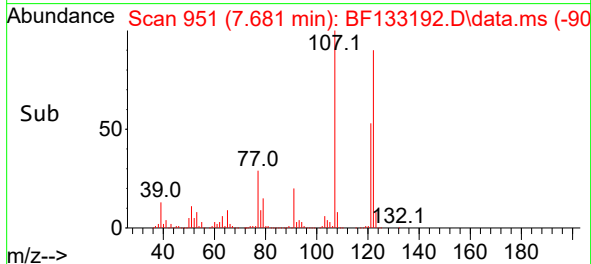
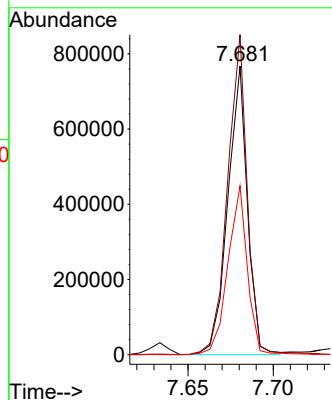
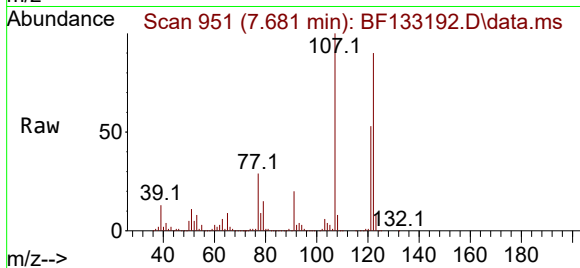
Tgt Ion:122 Resp: 611898

Ion Ratio Lower Upper

122 100

107 110.9 89.7 134.5

121 58.5 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 46.188 ng

RT: 7.769 min Scan# 966

Delta R.T. 0.000 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

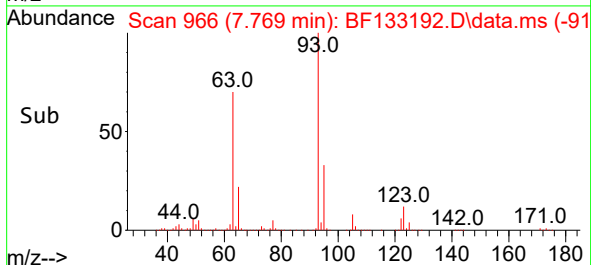
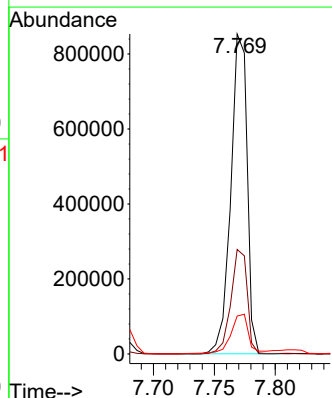
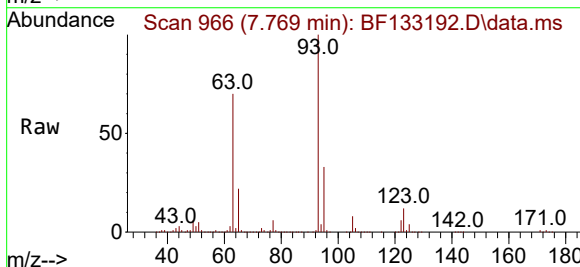
Tgt Ion: 93 Resp: 797347

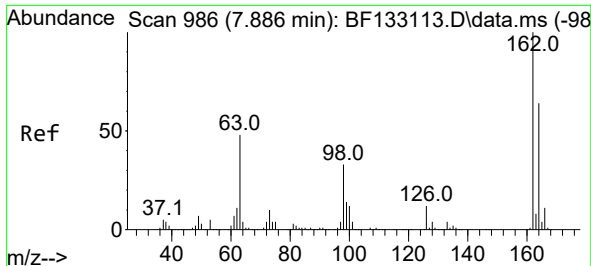
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 11.8 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 48.458 ng

RT: 7.880 min Scan# 986

Delta R.T. 0.000 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

72-11938MSD

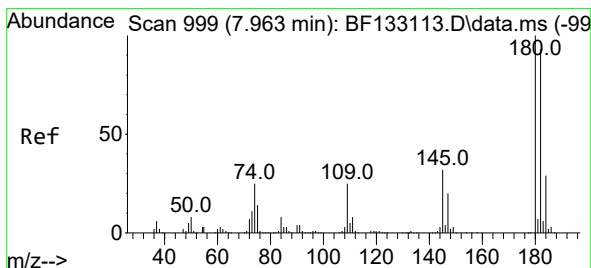
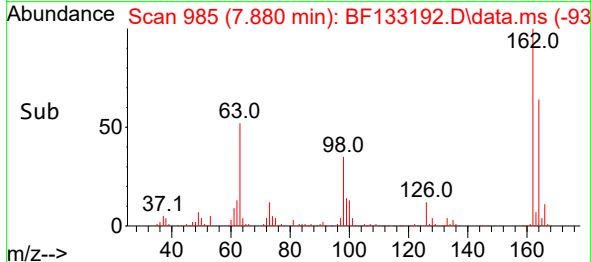
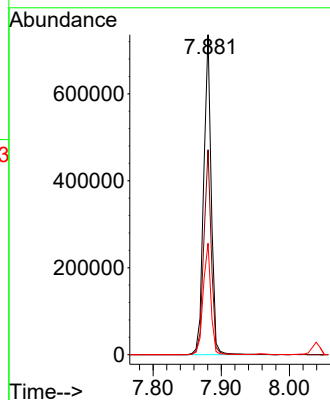
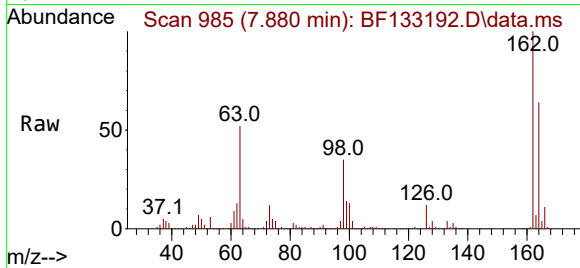
Tgt Ion:162 Resp: 568224

Ion Ratio Lower Upper

162 100

164 64.0 43.9 83.9

98 34.8 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 47.793 ng

RT: 7.957 min Scan# 998

Delta R.T. -0.006 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

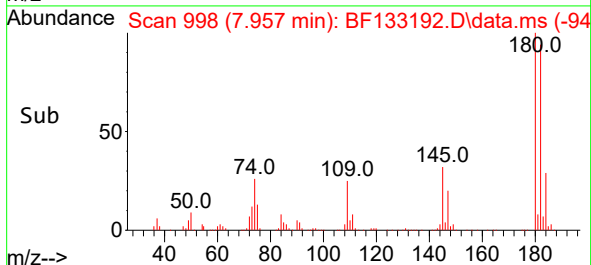
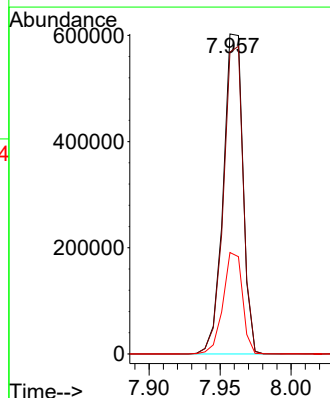
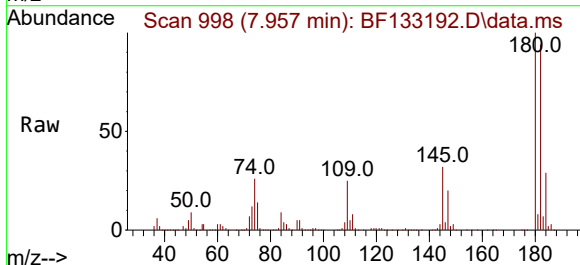
Tgt Ion:180 Resp: 580585

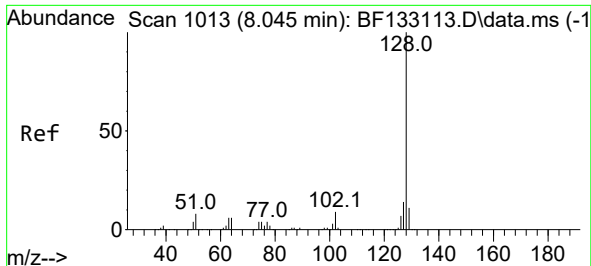
Ion Ratio Lower Upper

180 100

182 94.4 75.9 113.9

145 31.7 25.3 37.9

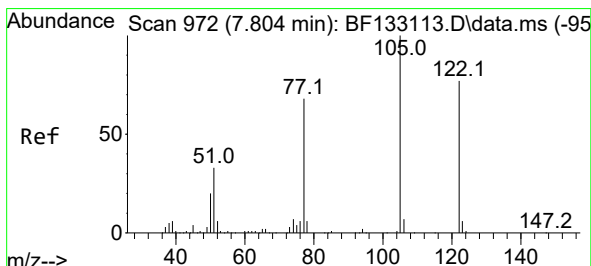
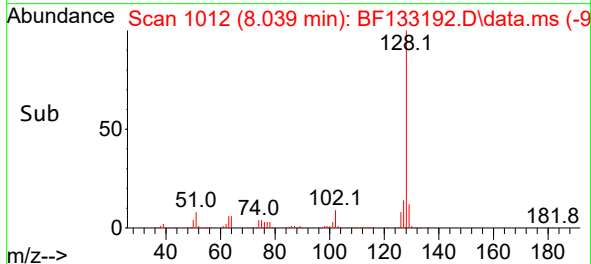
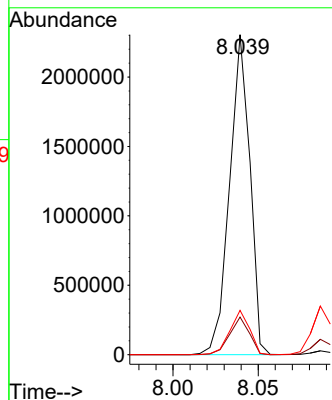
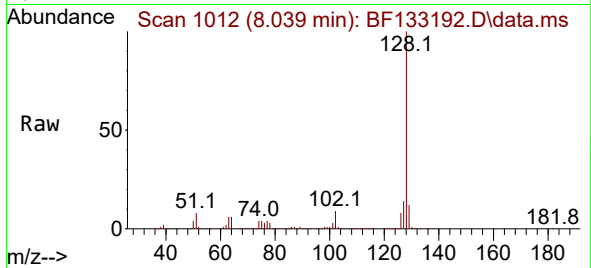




#31
Naphthalene
Concen: 45.944 ng
RT: 8.039 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

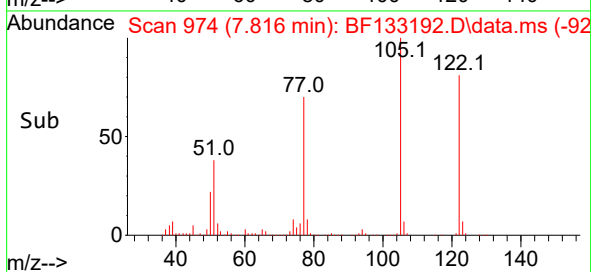
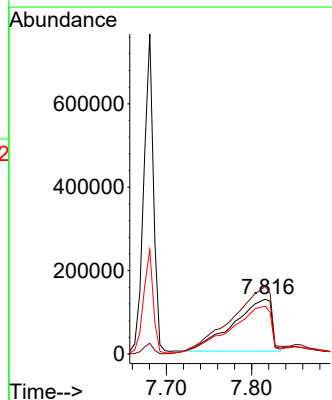
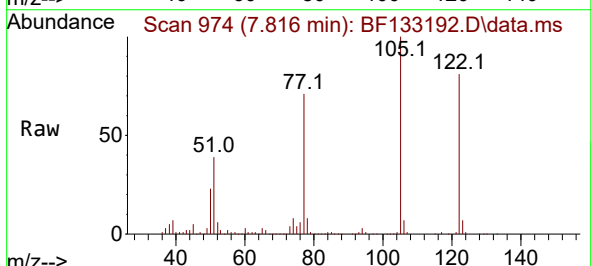
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

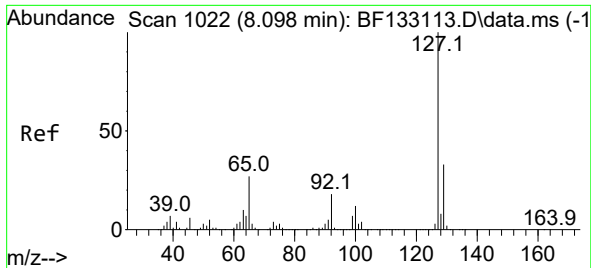
Tgt Ion:128 Resp: 1905606
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 13.8 10.7 16.1



#32
Benzoic acid
Concen: 49.215 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.018 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion:122 Resp: 391575
Ion Ratio Lower Upper
122 100
105 123.5 104.2 144.2
77 87.2 69.7 109.7

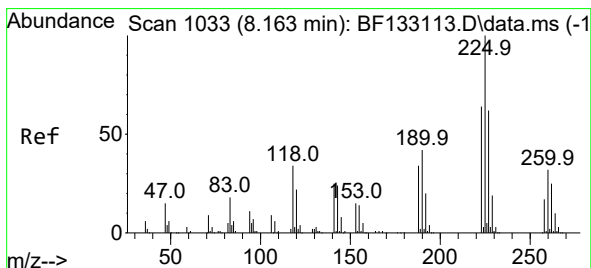
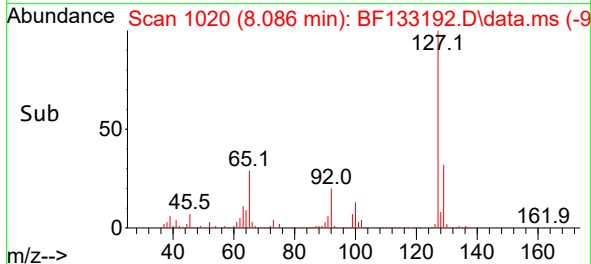
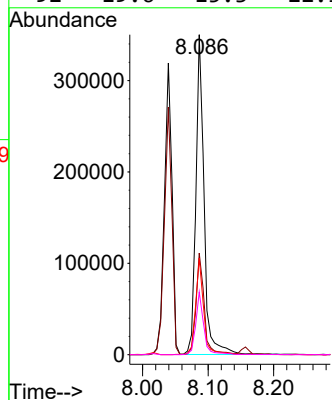
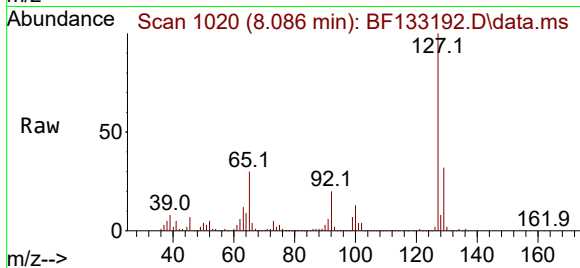




#33
4-Chloroaniline
Concen: 18.217 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

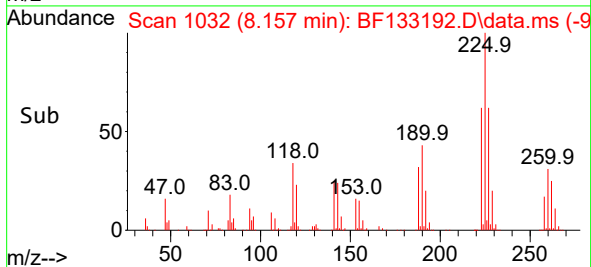
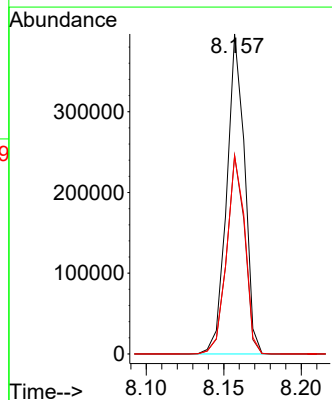
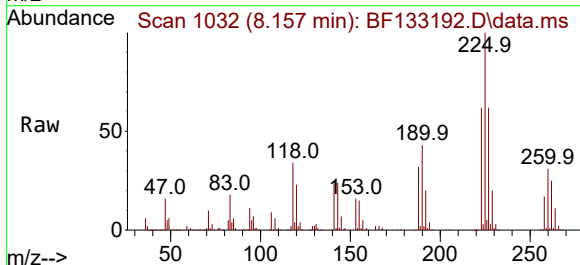
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

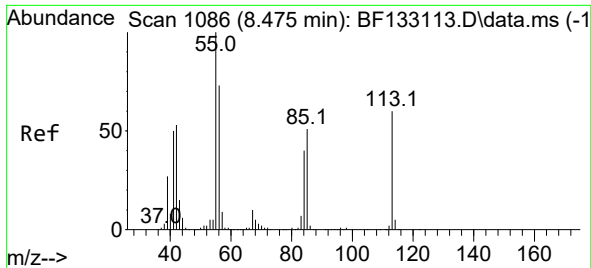
Tgt Ion:	127	Resp:	305287
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.8
65	30.2	23.6	35.4
92	19.6	15.3	22.9



#34
Hexachlorobutadiene
Concen: 47.099 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion:	225	Resp:	317118
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.9	76.3
227	61.9	50.3	75.5

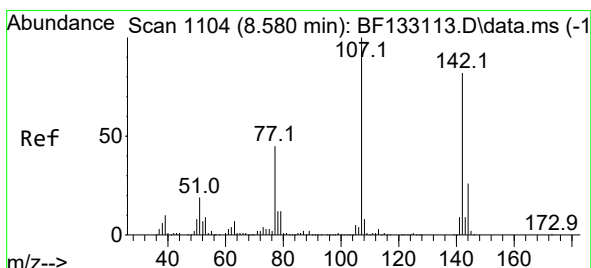
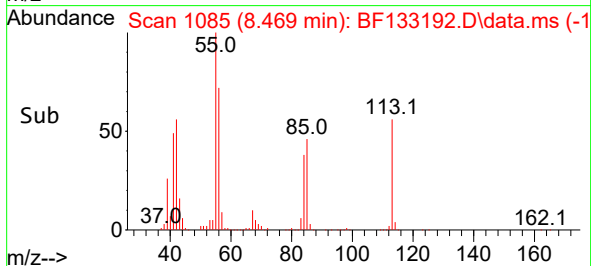
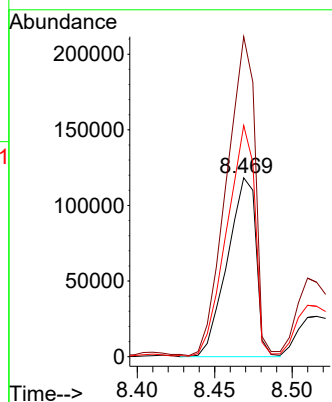
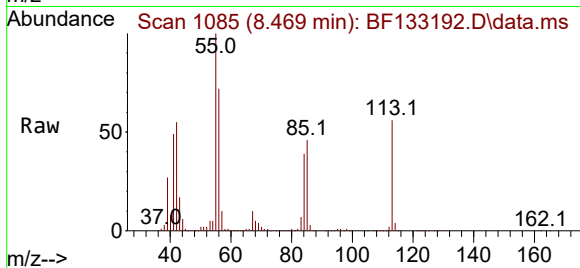




#35
 Caprolactam
 Concen: 38.641 ng
 RT: 8.469 min Scan# 1085
 Delta R.T. 0.000 min
 Lab File: BF133192.D
 Acq: 02 May 2023 16:50

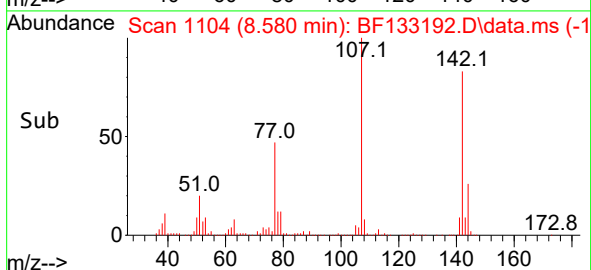
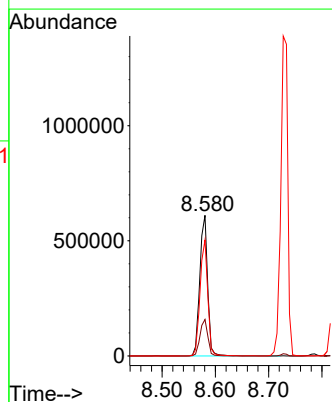
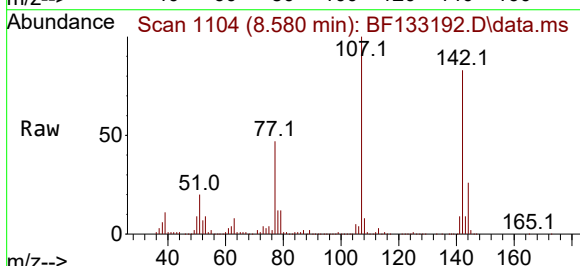
Instrument :
 BNA_F
 ClientSampleId :
 72-11938MSD

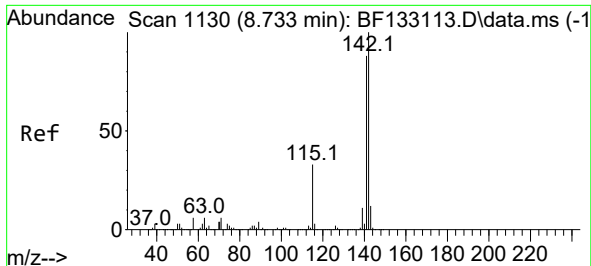
Tgt Ion:113 Resp: 152214
 Ion Ratio Lower Upper
 113 100
 55 178.8 167.1 207.1
 56 129.2 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 49.174 ng
 RT: 8.580 min Scan# 1104
 Delta R.T. 0.006 min
 Lab File: BF133192.D
 Acq: 02 May 2023 16:50

Tgt Ion:107 Resp: 621806
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.6 30.8
 142 82.6 62.8 94.2

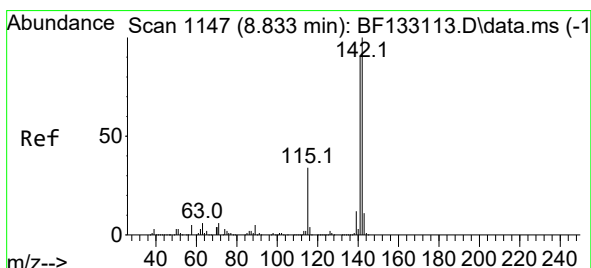
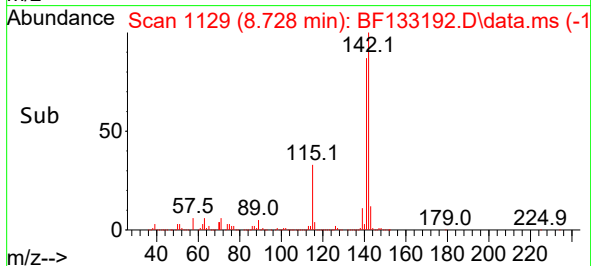
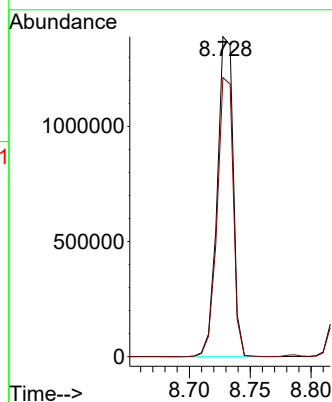
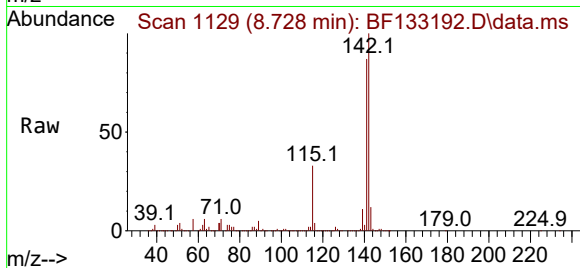




#37
2-Methylnaphthalene
Concen: 44.720 ng
RT: 8.728 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

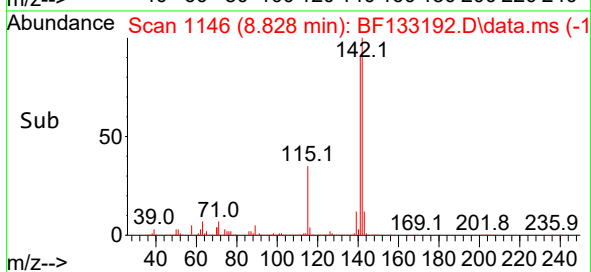
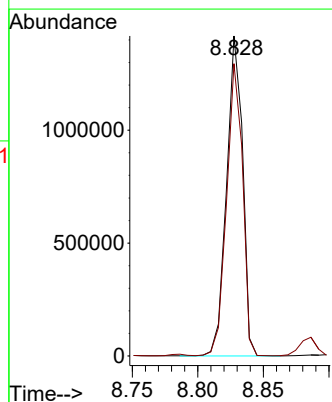
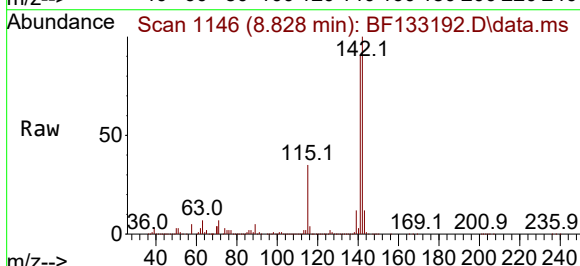
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

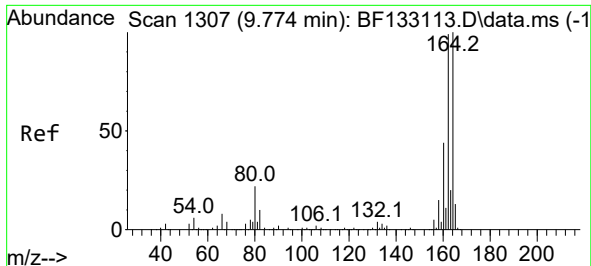
Tgt Ion:142 Resp: 1268119
Ion Ratio Lower Upper
142 100
141 87.2 69.4 104.0



#38
1-Methylnaphthalene
Concen: 45.377 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion:142 Resp: 1203718
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7

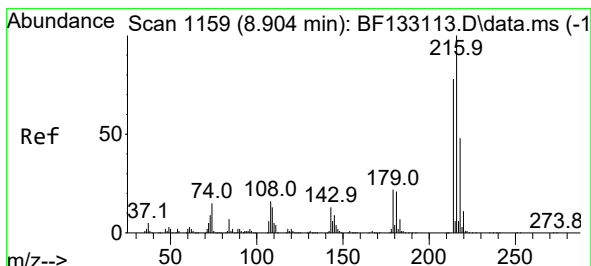
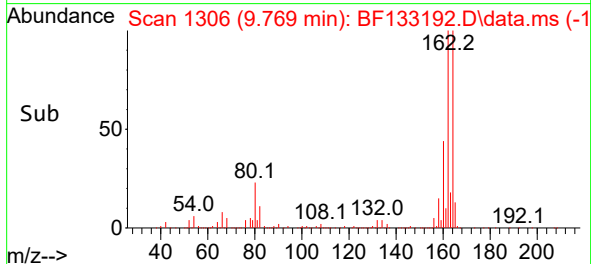
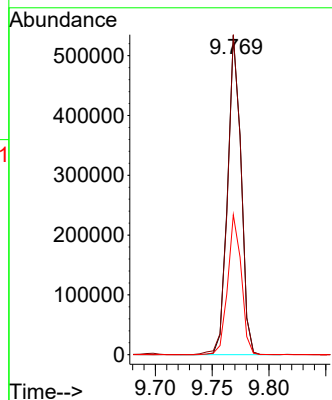
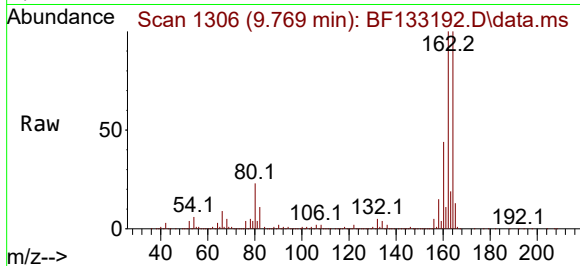




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 111
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

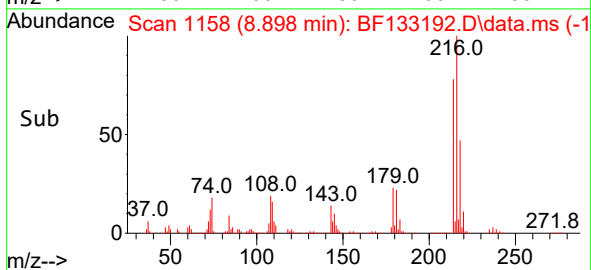
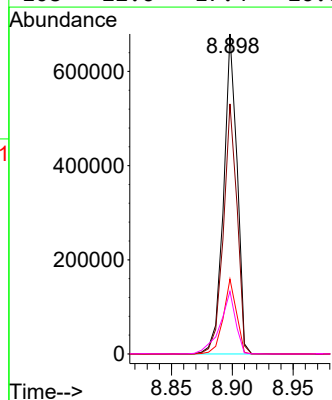
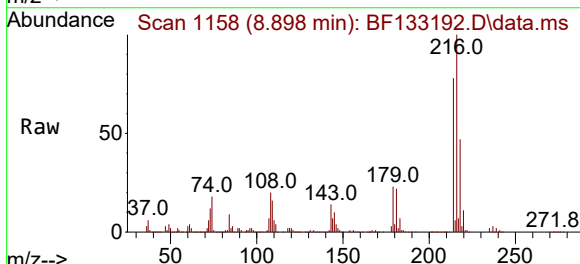
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

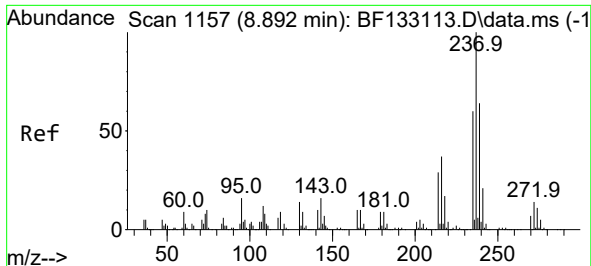
Tgt Ion:164 Resp: 438769
Ion Ratio Lower Upper
164 100
162 100.2 78.7 118.1
160 43.8 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.430 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion:216 Resp: 524153
Ion Ratio Lower Upper
216 100
214 78.9 63.5 95.3
179 22.9 17.4 26.2
108 22.6 17.4 26.0

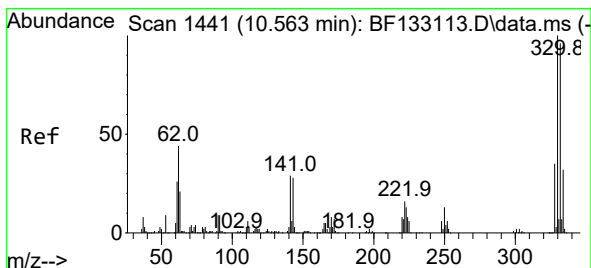
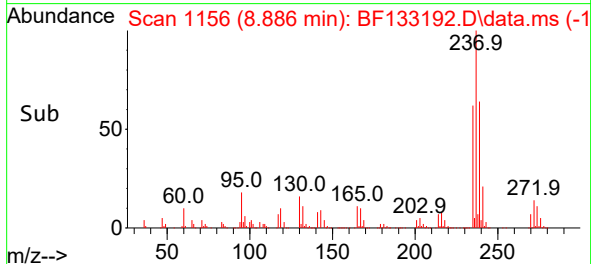
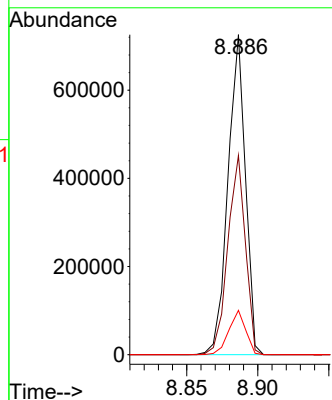
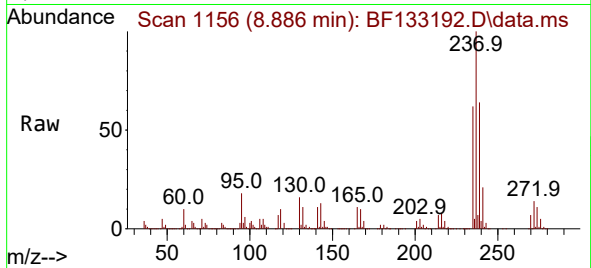




#41
Hexachlorocyclopentadiene
Concen: 90.189 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

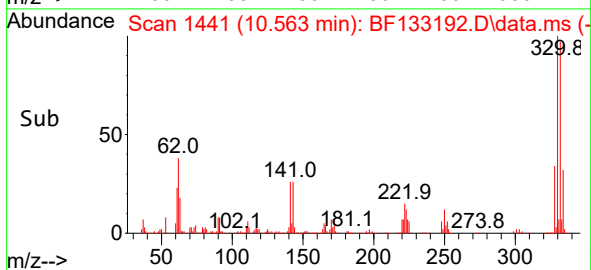
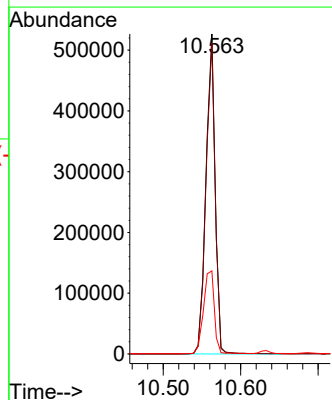
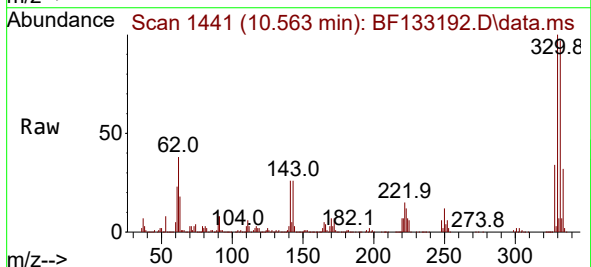
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

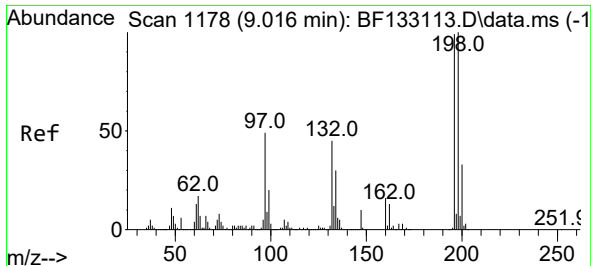
Tgt Ion:237 Resp: 620522
Ion Ratio Lower Upper
237 100
235 62.2 43.5 83.5
272 13.9 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 98.878 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion:330 Resp: 436316
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 30.4 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 47.646 ng

RT: 9.010 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

72-11938MSD

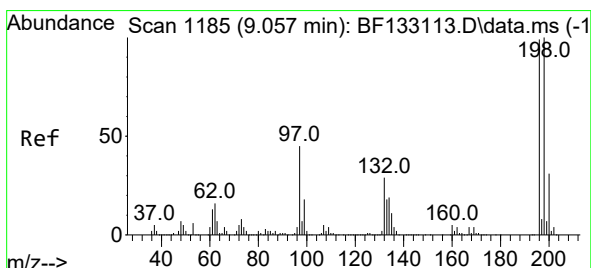
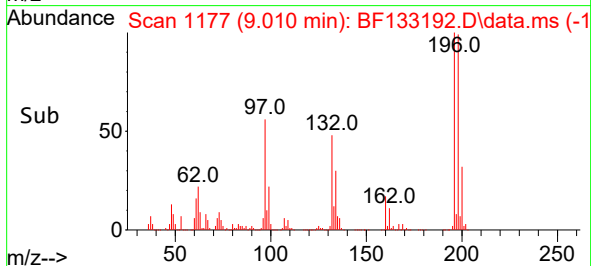
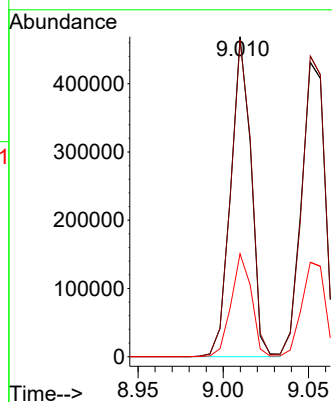
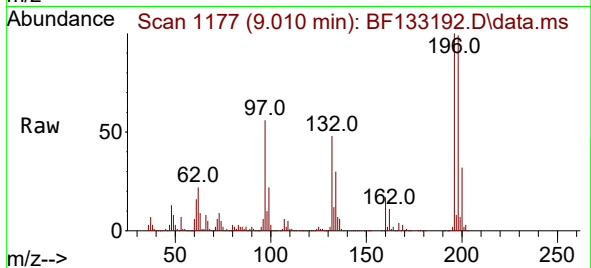
Tgt Ion:196 Resp: 388722

Ion Ratio Lower Upper

196 100

198 98.9 81.0 121.6

200 32.1 26.1 39.1



#44

2,4,5-Trichlorophenol

Concen: 44.538 ng

RT: 9.051 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

Tgt Ion:196 Resp: 420249

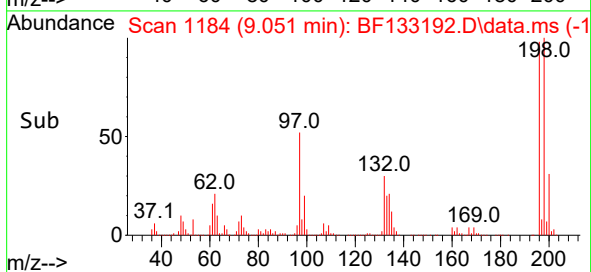
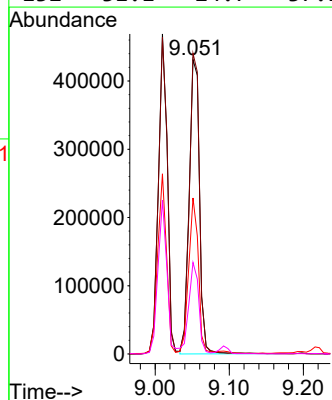
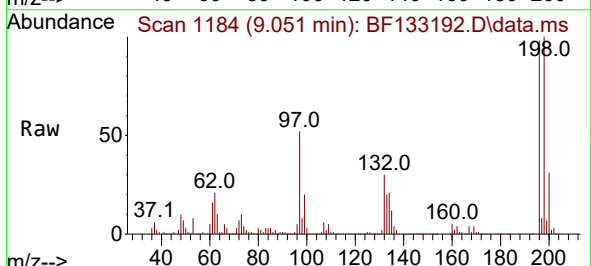
Ion Ratio Lower Upper

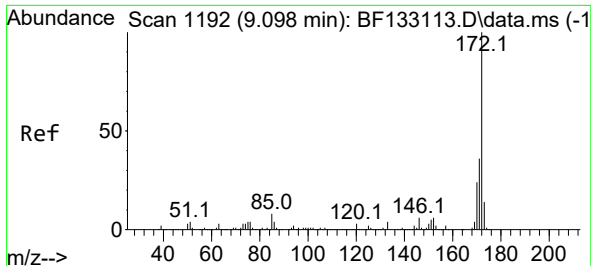
196 100

198 102.1 80.9 121.3

97 53.0 41.3 61.9

132 31.1 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 69.250 ng

RT: 9.092 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

72-11938MSD

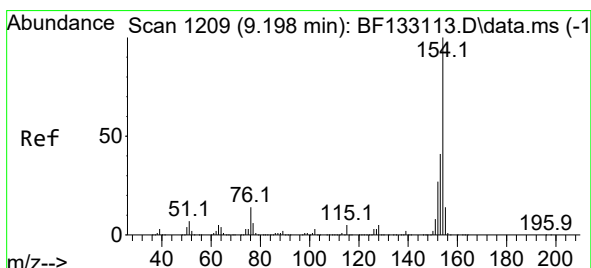
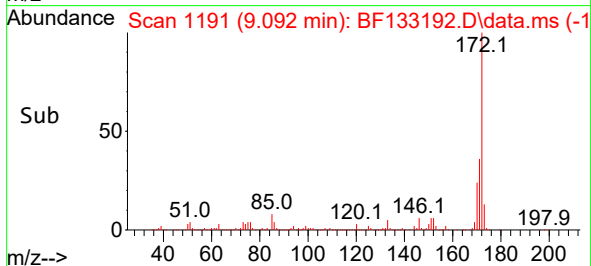
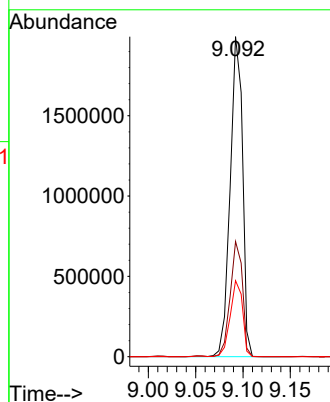
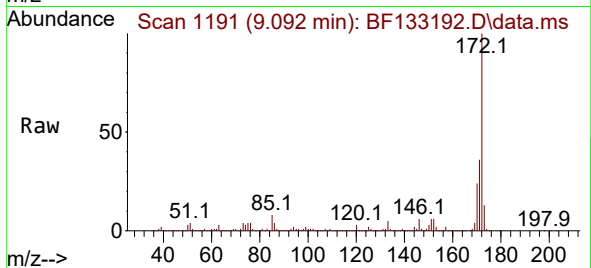
Tgt Ion:172 Resp: 1816192

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.8 19.4 29.2



#46

1,1'-Biphenyl

Concen: 45.281 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

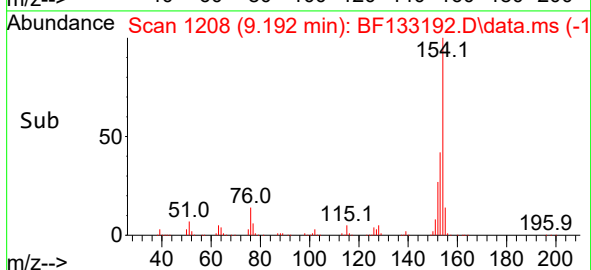
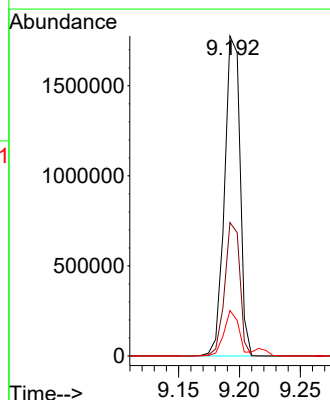
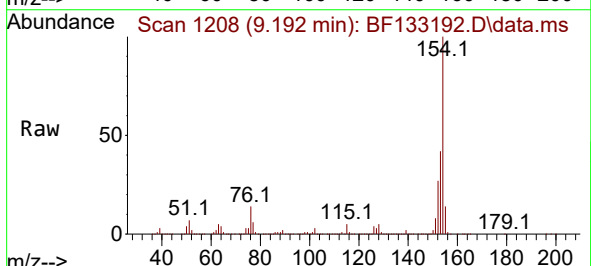
Tgt Ion:154 Resp: 1575424

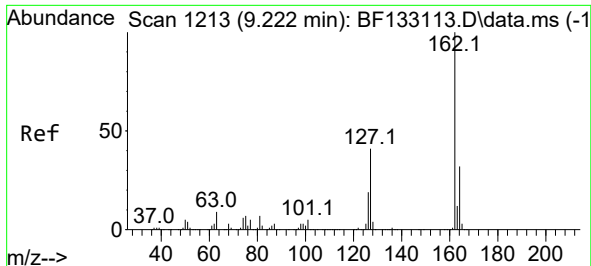
Ion Ratio Lower Upper

154 100

153 41.7 21.0 61.0

76 14.2 0.0 34.5

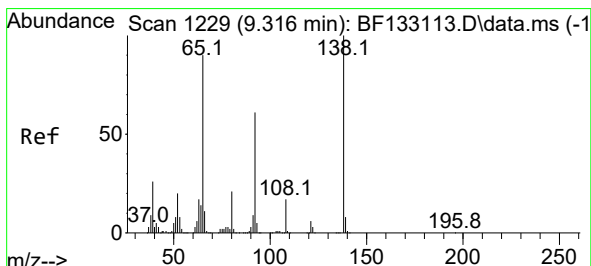
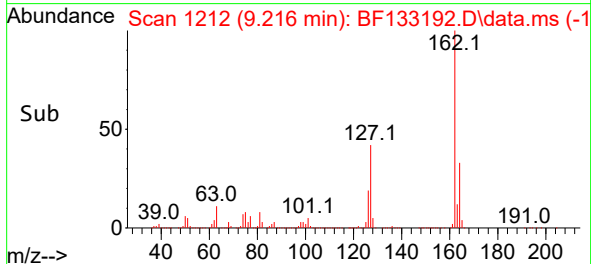
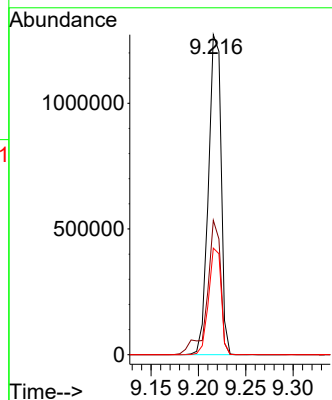
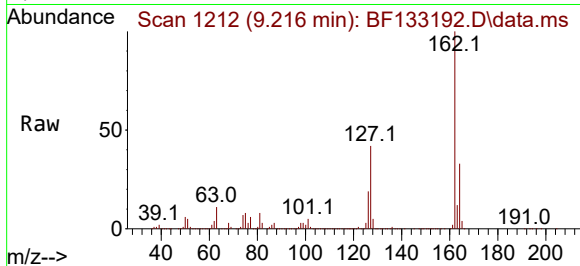




#47
2-Chloronaphthalene
Concen: 46.368 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

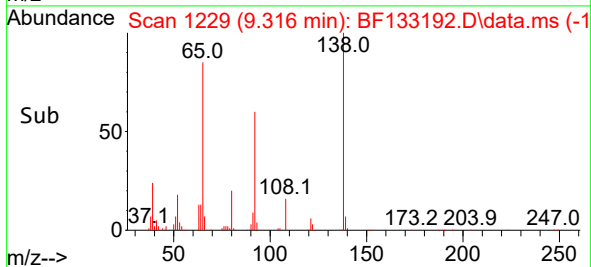
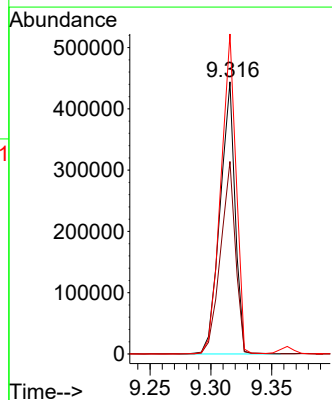
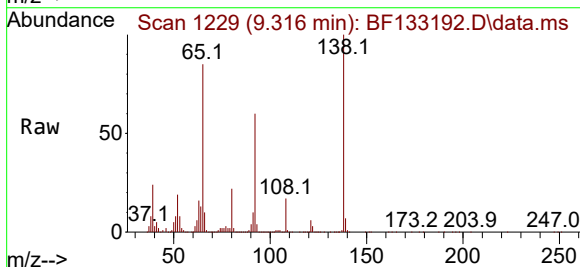
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

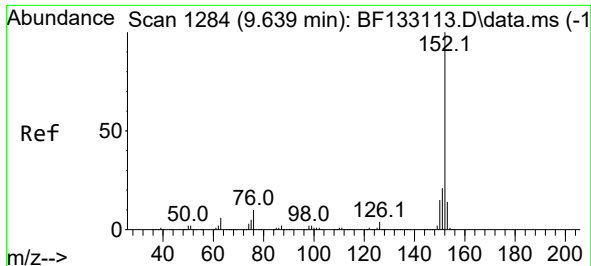
Tgt Ion:162 Resp: 1180787
Ion Ratio Lower Upper
162 100
127 42.0 32.3 48.5
164 33.3 26.8 40.2



#48
2-Nitroaniline
Concen: 45.623 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion: 65 Resp: 383976
Ion Ratio Lower Upper
65 100
92 70.8 55.4 83.0
138 117.6 98.2 147.2

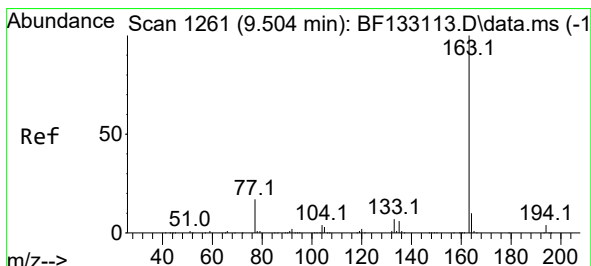
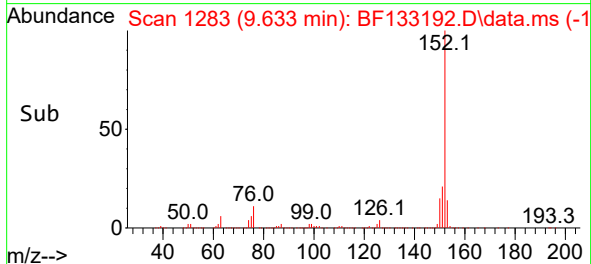
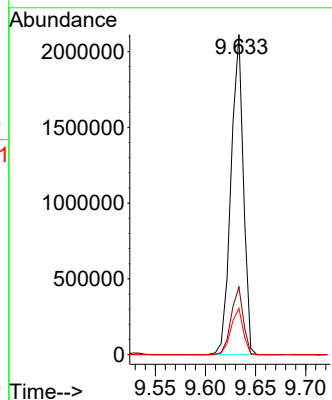
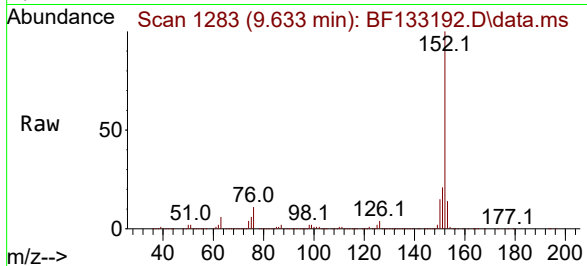




#49
Acenaphthylene
Concen: 44.628 ng
RT: 9.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

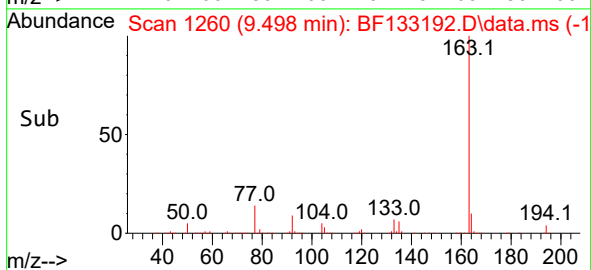
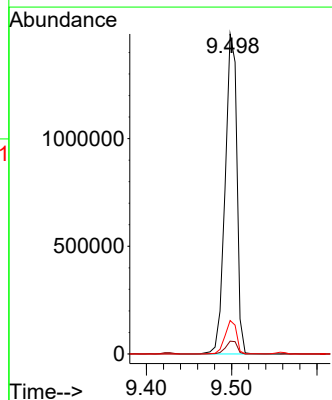
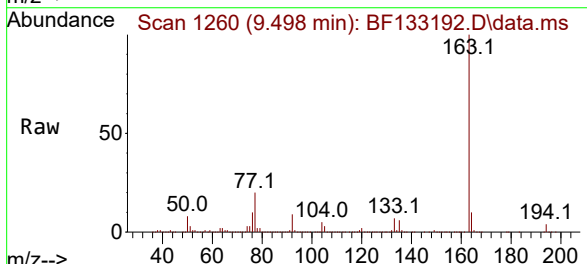
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

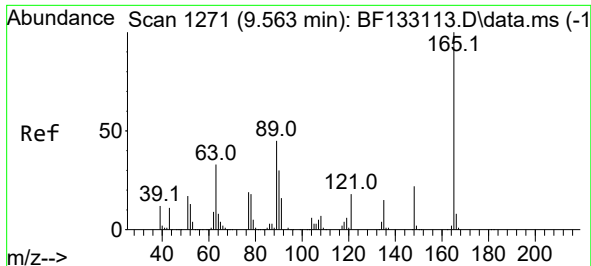
Tgt Ion:152 Resp: 1815924
Ion Ratio Lower Upper
152 100
151 21.1 16.6 24.8
153 14.5 11.5 17.3



#50
Dimethylphthalate
Concen: 46.440 ng
RT: 9.498 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion:163 Resp: 1420798
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 8.5 12.7

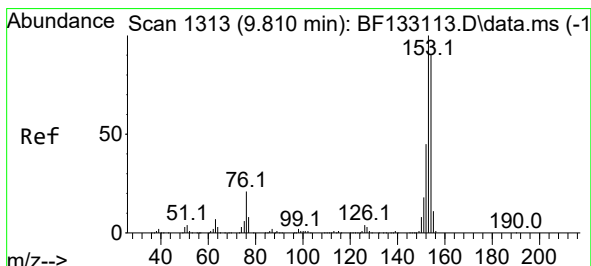
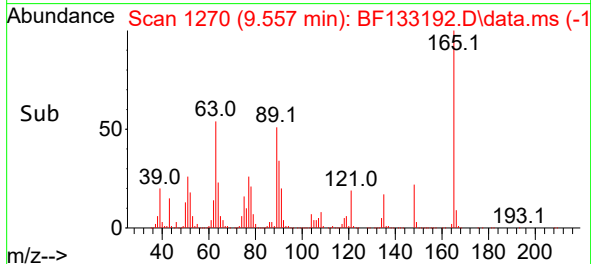
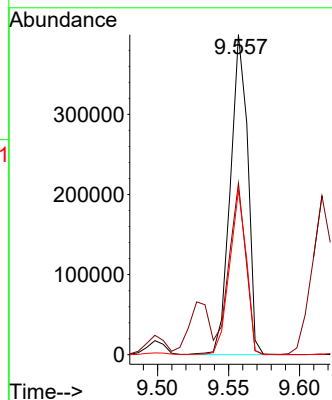
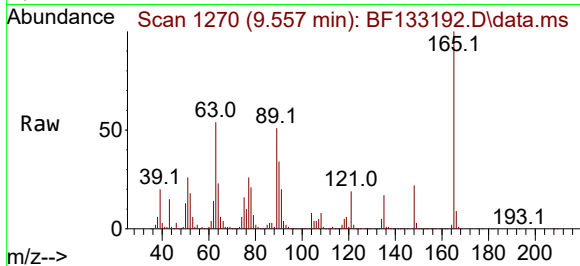




#51
2,6-Dinitrotoluene
Concen: 49.329 ng
RT: 9.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

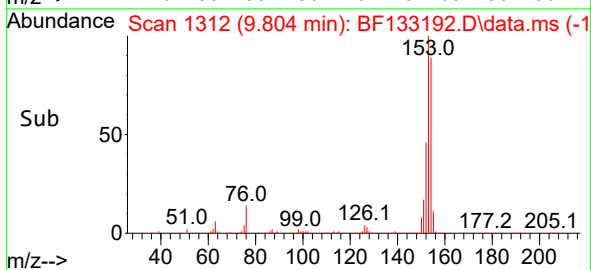
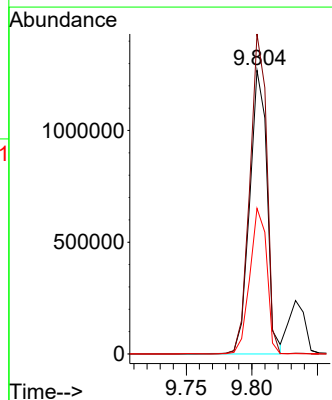
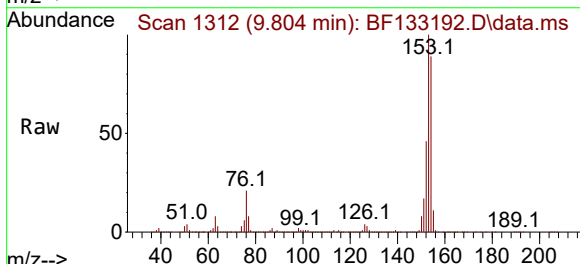
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

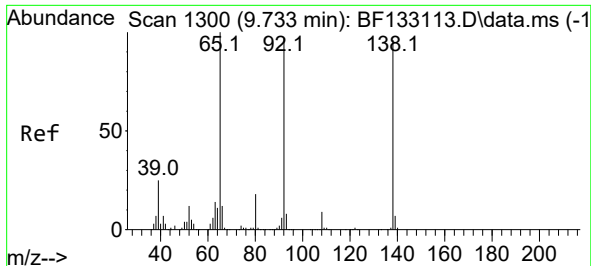
Tgt Ion:165 Resp: 339679
Ion Ratio Lower Upper
165 100
63 53.6 45.9 68.9
89 51.5 44.0 66.0



#52
Acenaphthene
Concen: 42.580 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion:154 Resp: 1160412
Ion Ratio Lower Upper
154 100
153 112.8 89.0 133.6
152 51.3 40.4 60.6

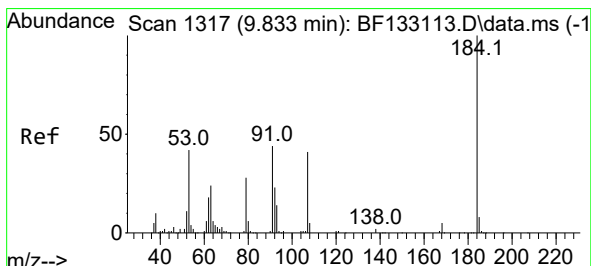
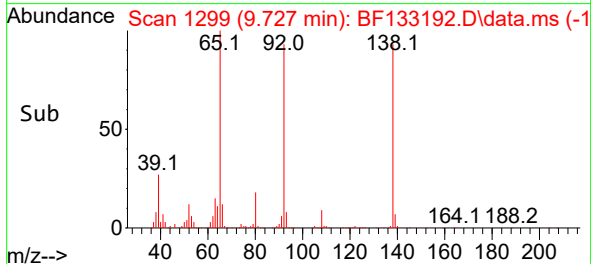
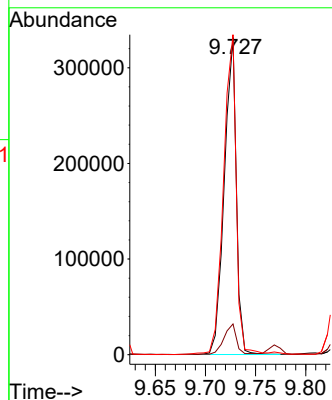
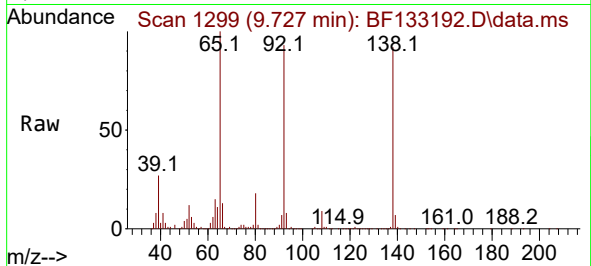




#53
3-Nitroaniline
Concen: 33.620 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

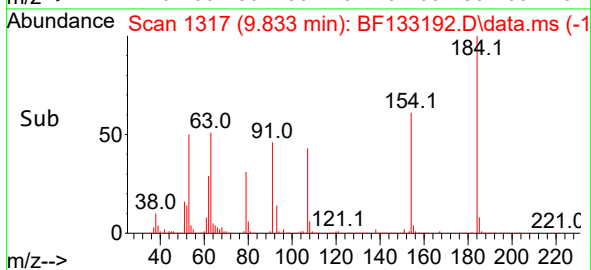
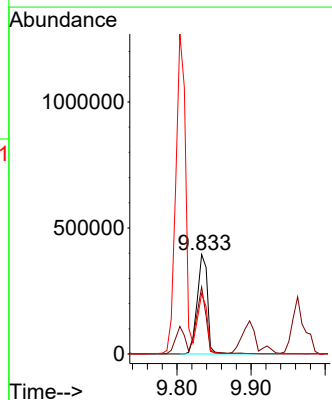
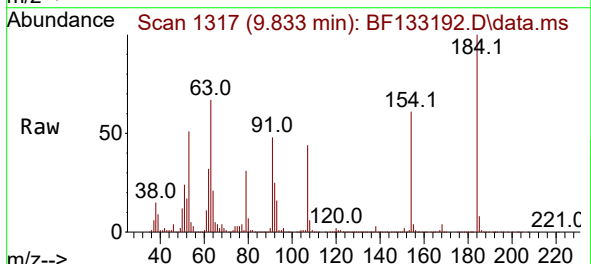
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

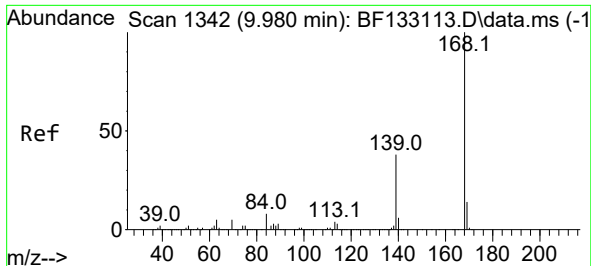
Tgt Ion:138 Resp: 275266
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 100.8 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 110.922 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion:184 Resp: 383928
Ion Ratio Lower Upper
184 100
63 67.2 49.8 74.8
154 60.6 49.5 74.3

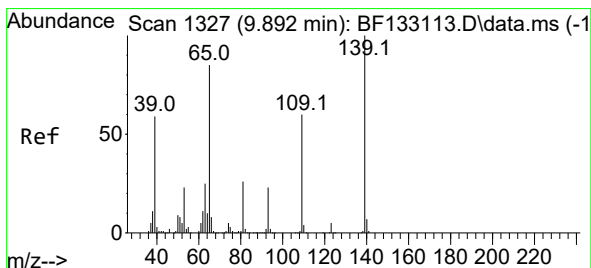
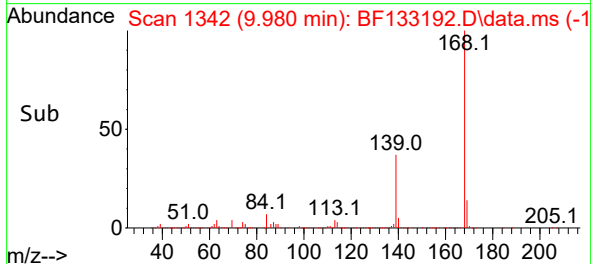
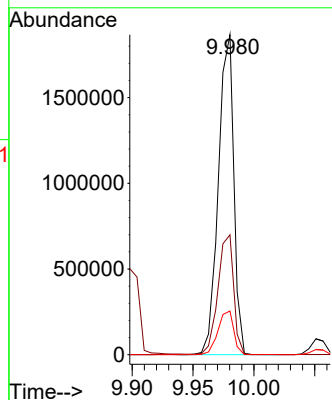
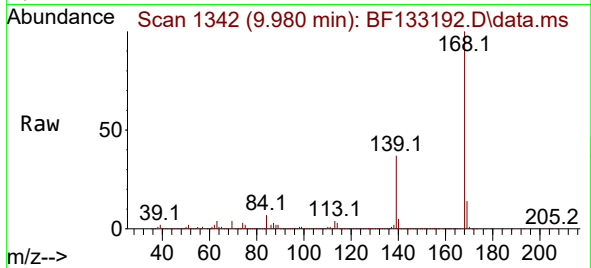




#55
Dibenzofuran
Concen: 44.406 ng
RT: 9.980 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

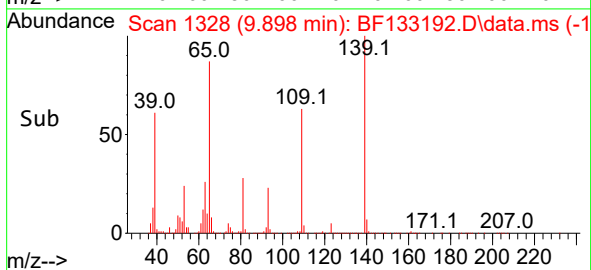
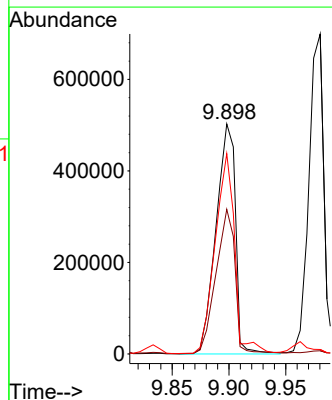
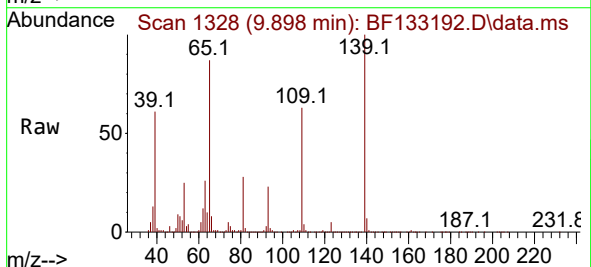
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

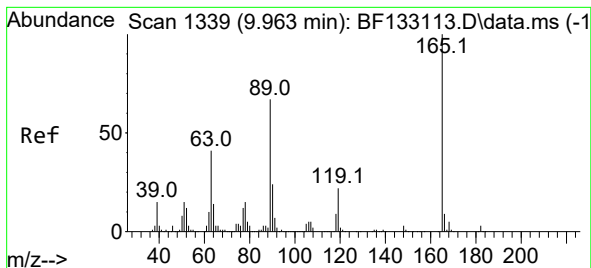
Tgt Ion:168 Resp: 1650782
Ion Ratio Lower Upper
168 100
139 37.4 29.8 44.8
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 94.286 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion:139 Resp: 597910
Ion Ratio Lower Upper
139 100
109 62.9 39.4 79.4
65 87.1 57.5 97.5

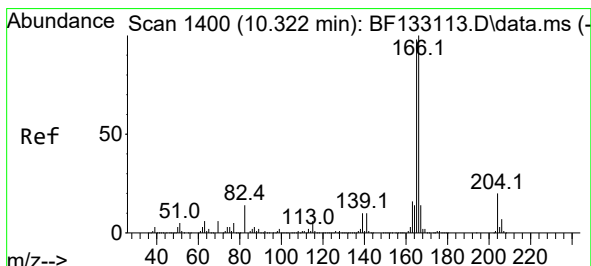
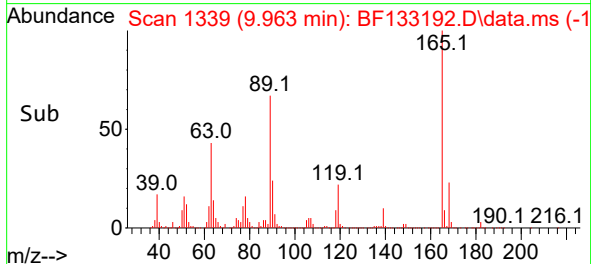
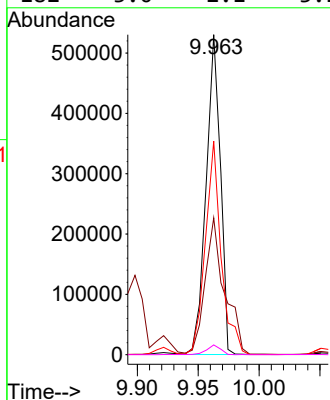
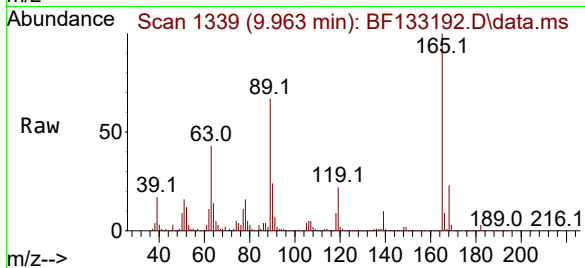




#57
2,4-Dinitrotoluene
Concen: 49.373 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

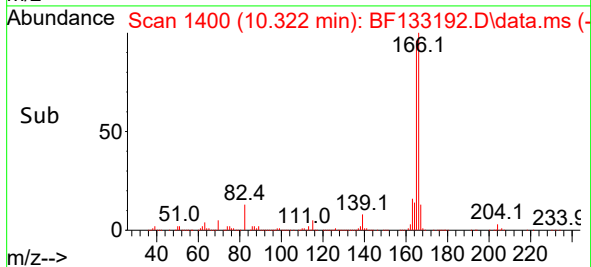
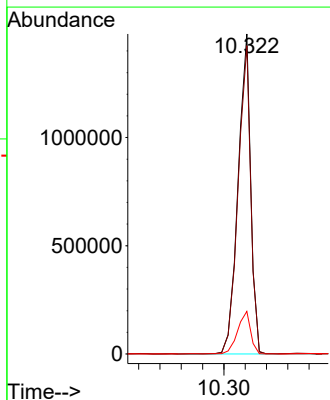
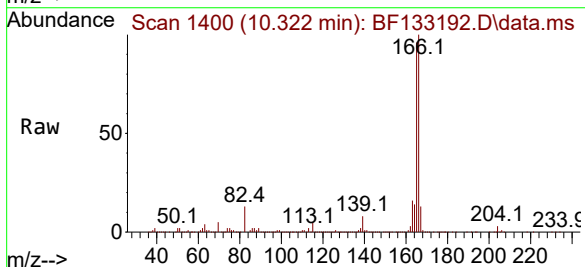
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

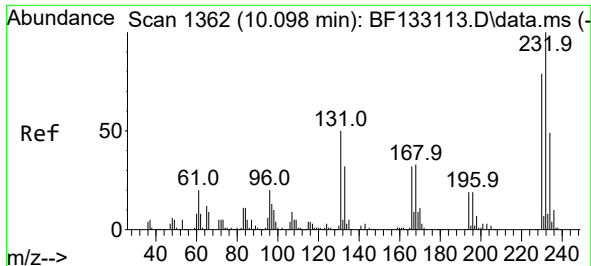
Tgt Ion:165 Resp: 433572
Ion Ratio Lower Upper
165 100
63 42.7 37.7 56.5
89 66.7 57.0 85.4
182 3.0 2.1 3.1



#58
Fluorene
Concen: 44.679 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion:166 Resp: 1216872
Ion Ratio Lower Upper
166 100
165 96.3 78.6 117.8
167 13.3 11.0 16.4

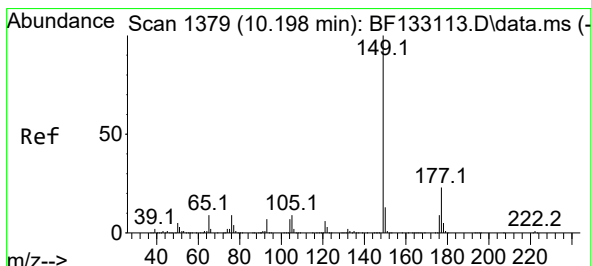
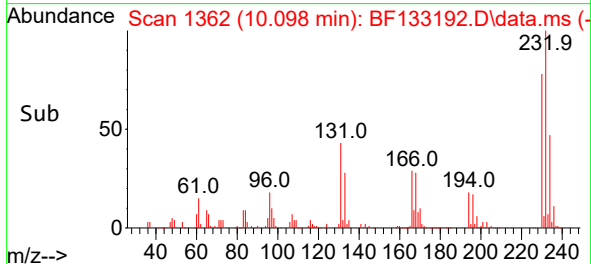
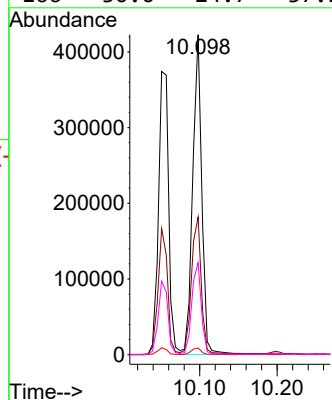
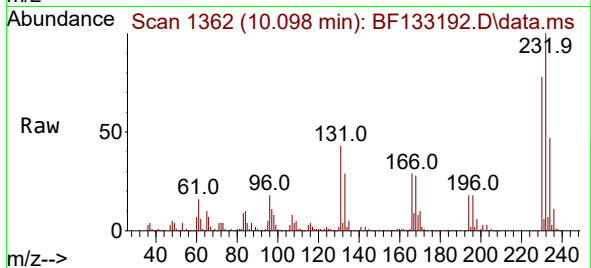




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.104 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

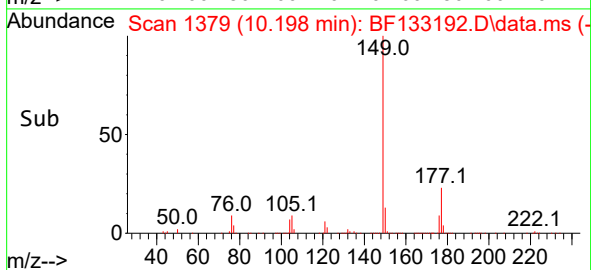
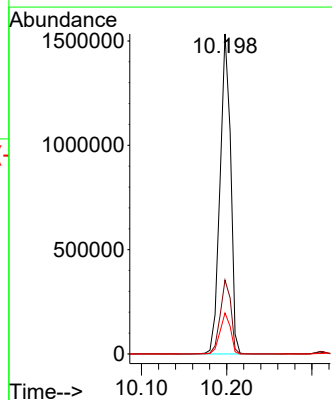
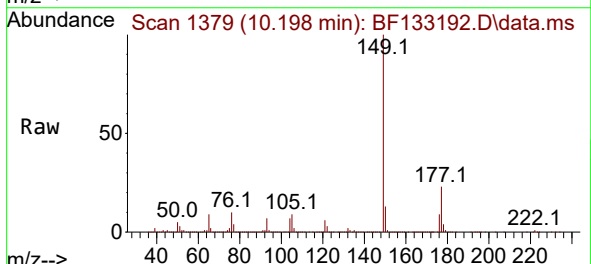
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

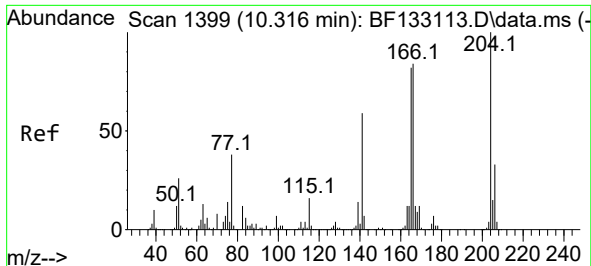
Tgt Ion:232 Resp: 344571
Ion Ratio Lower Upper
232 100
131 45.9 38.0 57.0
130 2.5 1.8 2.8
166 30.0 24.7 37.1



#60
Diethylphthalate
Concen: 45.677 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion:149 Resp: 1319993
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.4
150 12.8 10.2 15.4

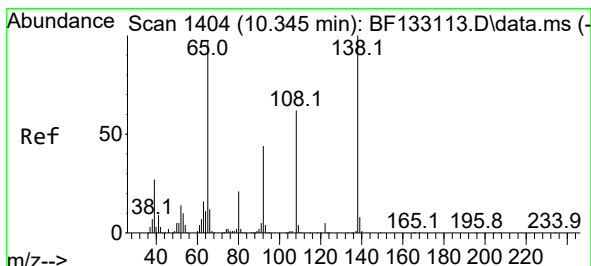
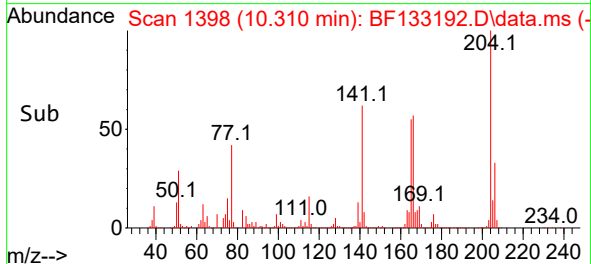
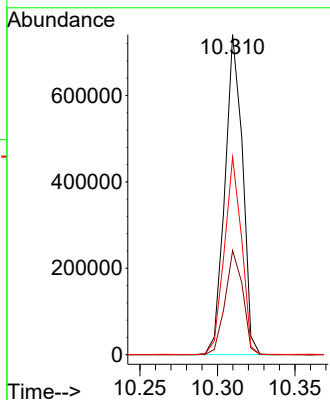
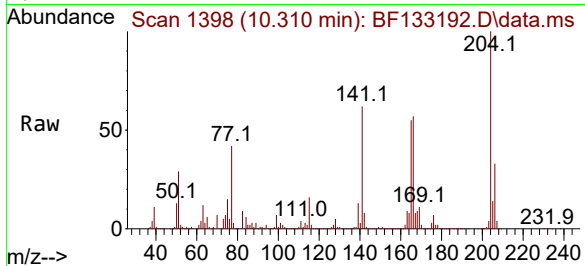




#61
4-Chlorophenyl-phenylether
Concen: 44.155 ng
RT: 10.310 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

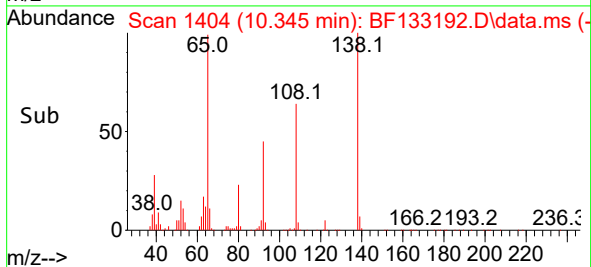
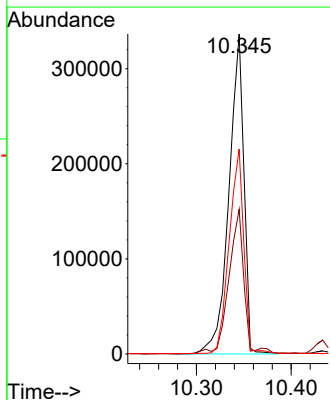
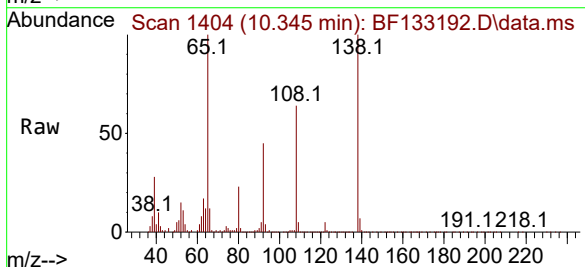
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

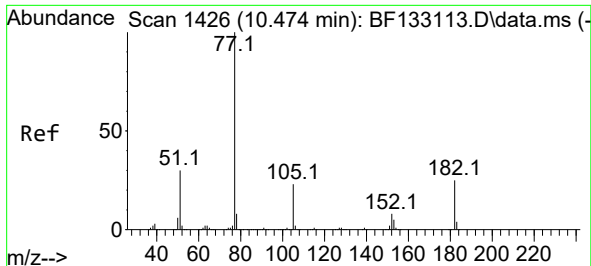
Tgt Ion:204 Resp: 586057
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 61.8 46.1 69.1



#62
4-Nitroaniline
Concen: 49.053 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion:138 Resp: 369135
Ion Ratio Lower Upper
138 100
92 45.2 27.7 67.7
108 64.1 45.2 85.2

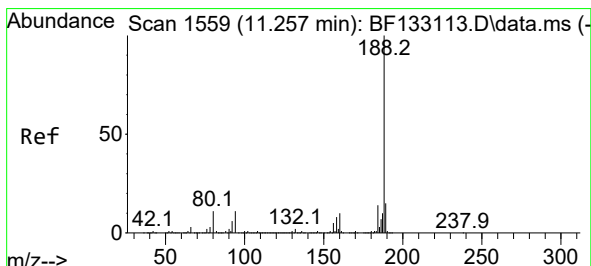
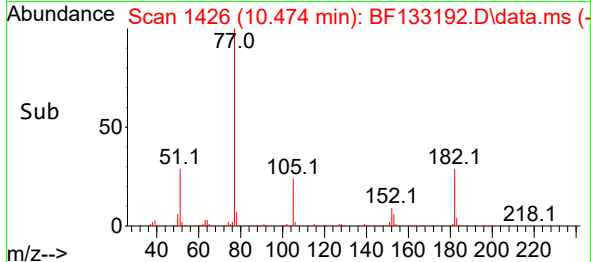
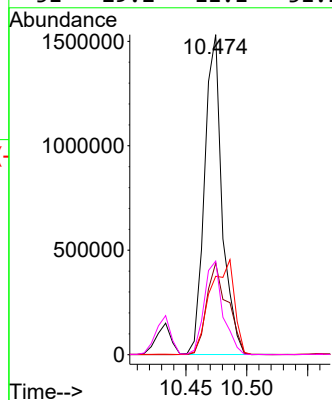
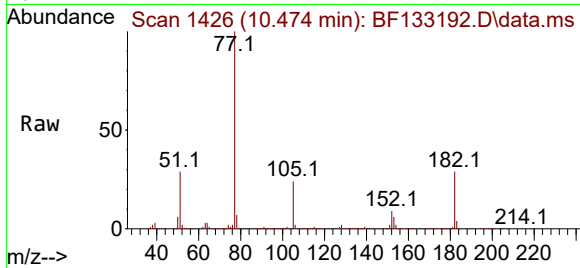




#63
Azobenzene
Concen: 50.199 ng
RT: 10.474 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

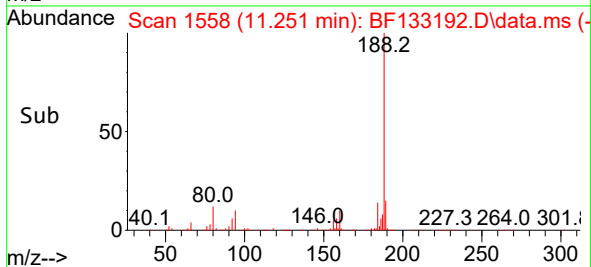
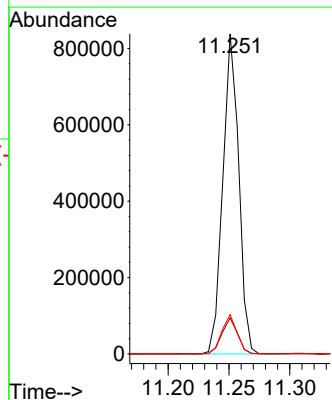
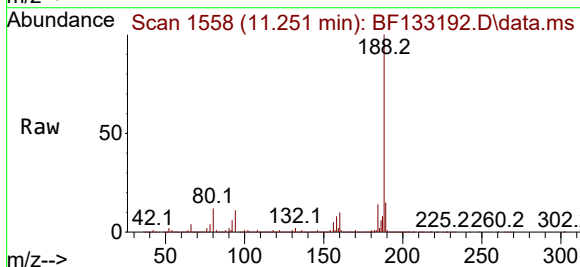
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

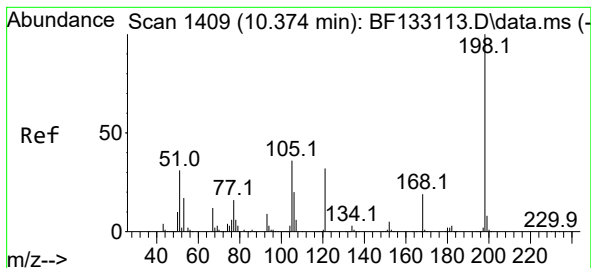
Tgt Ion: 77 Resp: 1536757
Ion Ratio Lower Upper
77 100
182 28.7 5.9 45.9
105 24.5 2.3 42.3
51 29.2 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion:188 Resp: 763864
Ion Ratio Lower Upper
188 100
94 11.3 9.7 14.5
80 12.3 10.4 15.6

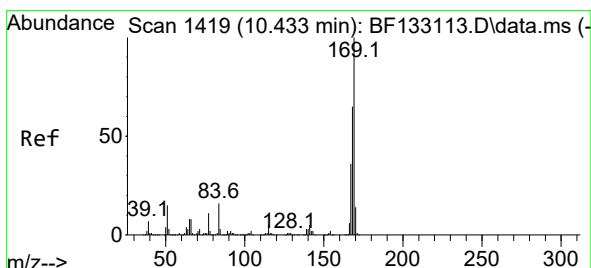
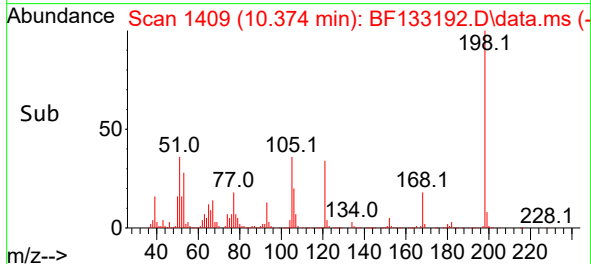
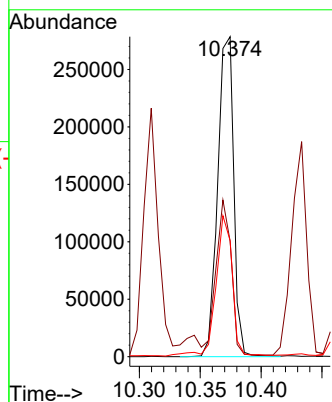
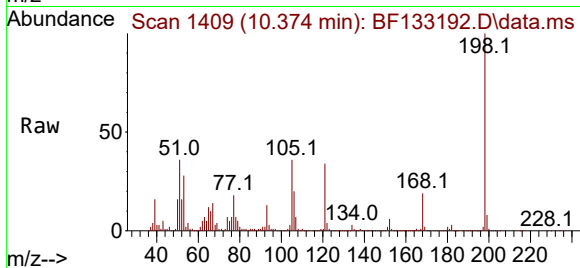




#65
4,6-Dinitro-2-methylphenol
Concen: 55.218 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

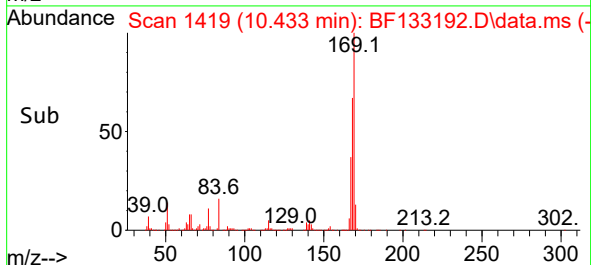
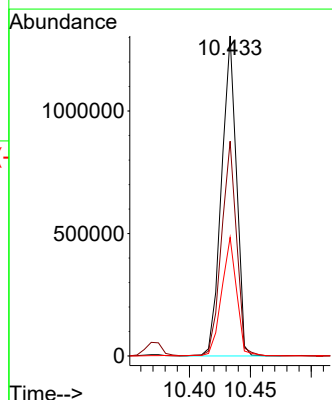
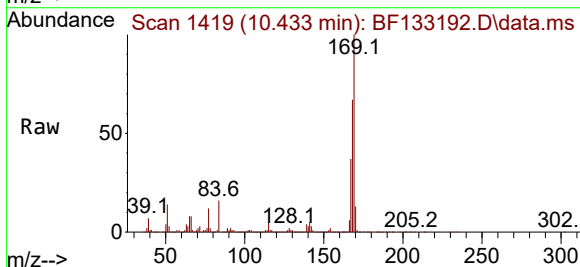
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

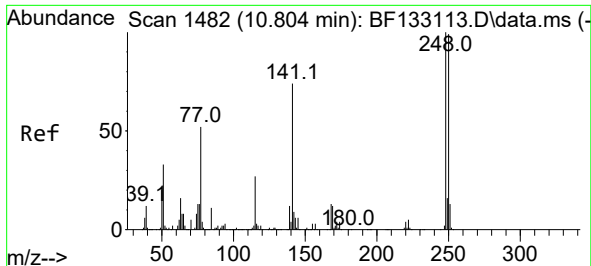
Tgt Ion:198 Resp: 255655
Ion Ratio Lower Upper
198 100
51 36.0 15.5 55.5
105 36.2 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 45.084 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion:169 Resp: 1117089
Ion Ratio Lower Upper
169 100
168 67.1 53.8 80.8
167 37.0 29.7 44.5

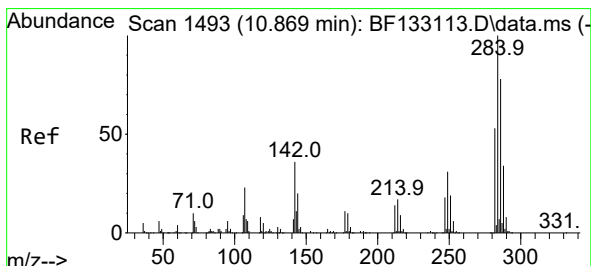
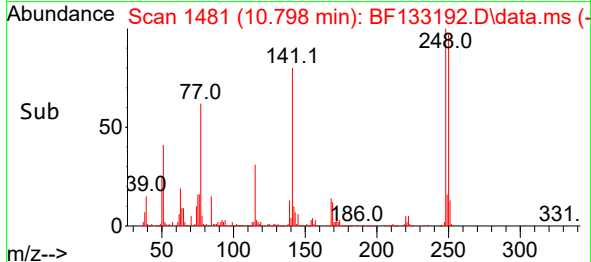
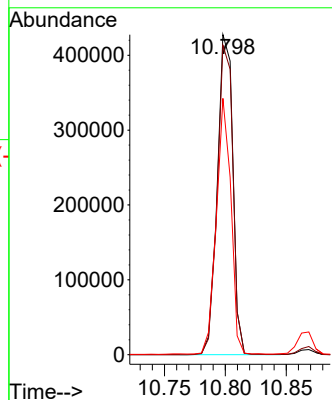
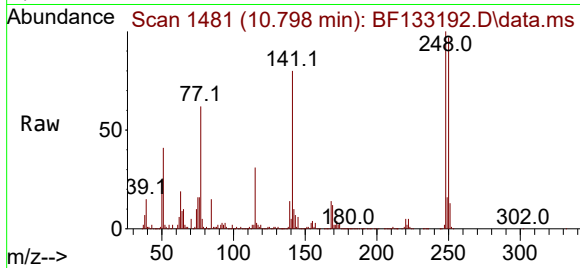




#67
4-Bromophenyl-phenylether
Concen: 45.869 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

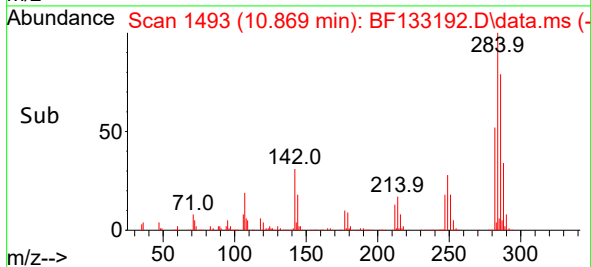
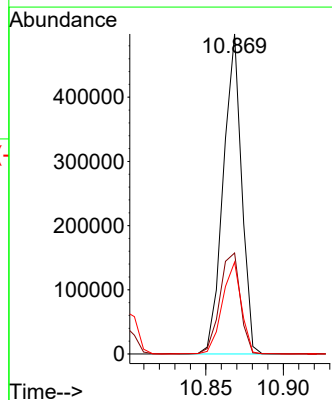
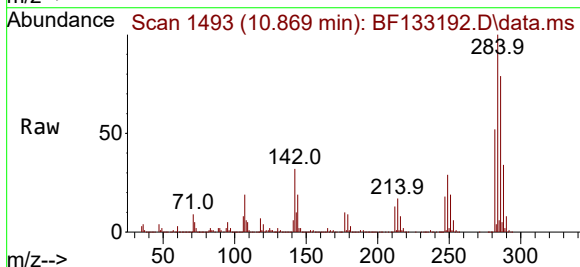
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

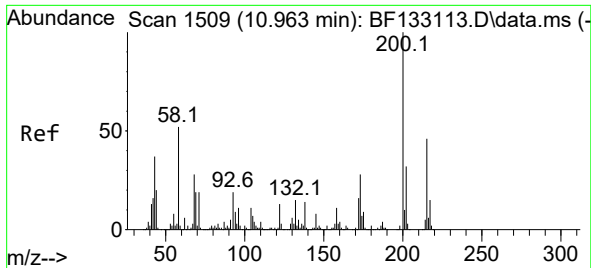
Tgt Ion:248 Resp: 380000
Ion Ratio Lower Upper
248 100
250 96.7 78.7 118.1
141 80.1 56.3 84.5



#68
Hexachlorobenzene
Concen: 48.257 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion:284 Resp: 409655
Ion Ratio Lower Upper
284 100
142 31.5 26.0 39.0
249 28.7 23.7 35.5

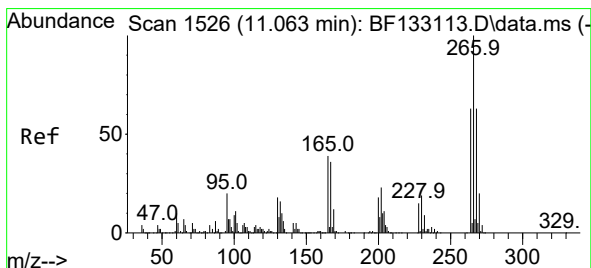
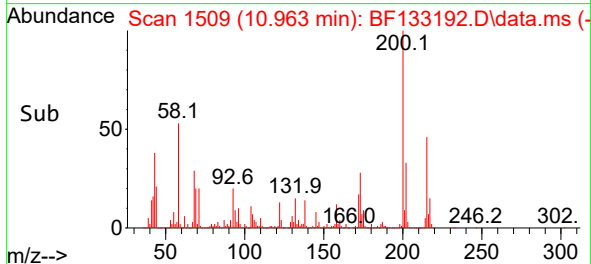
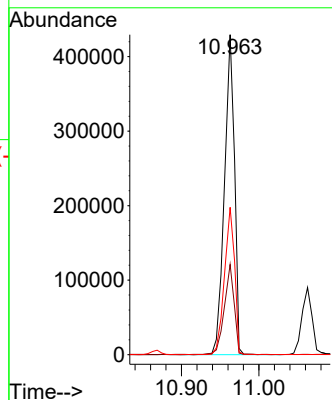
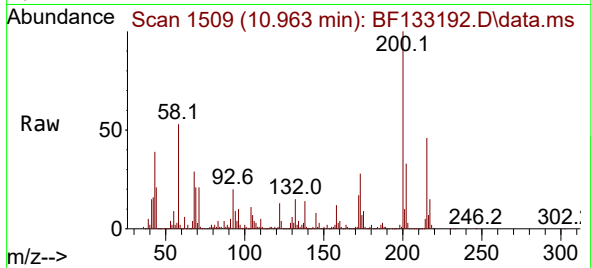




#69
 Atrazine
 Concen: 54.287 ng
 RT: 10.963 min Scan# 1509
 Delta R.T. 0.000 min
 Lab File: BF133192.D
 Acq: 02 May 2023 16:50

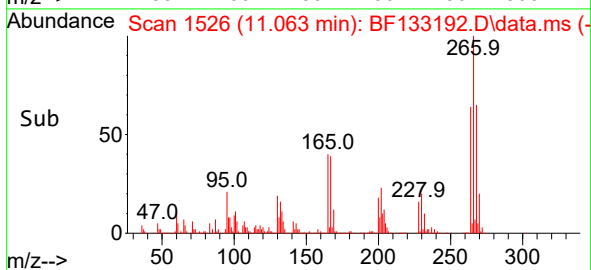
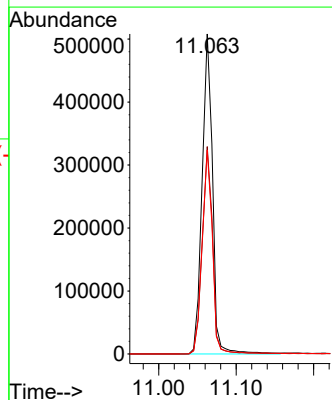
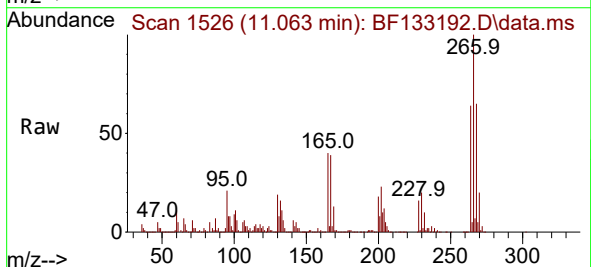
Instrument :
 BNA_F
 ClientSampleId :
 72-11938MSD

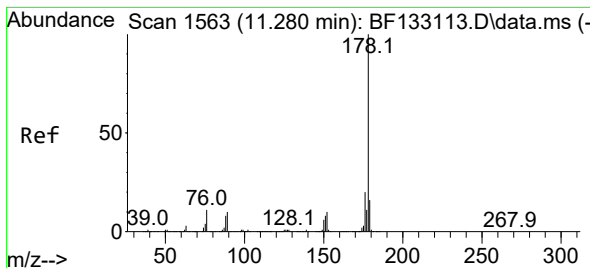
Tgt Ion:200 Resp: 387586
 Ion Ratio Lower Upper
 200 100
 173 28.2 6.2 46.2
 215 46.1 26.3 66.3



#70
 Pentachlorophenol
 Concen: 78.266 ng
 RT: 11.063 min Scan# 1526
 Delta R.T. 0.000 min
 Lab File: BF133192.D
 Acq: 02 May 2023 16:50

Tgt Ion:266 Resp: 473187
 Ion Ratio Lower Upper
 266 100
 268 64.8 48.8 73.2
 264 63.7 50.6 76.0





#71

Phenanthrene

Concen: 48.574 ng

RT: 11.280 min Scan# 1563

Delta R.T. 0.000 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

72-11938MSD

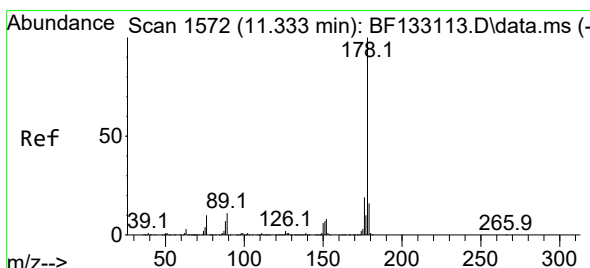
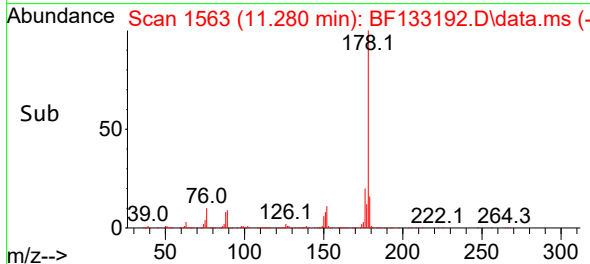
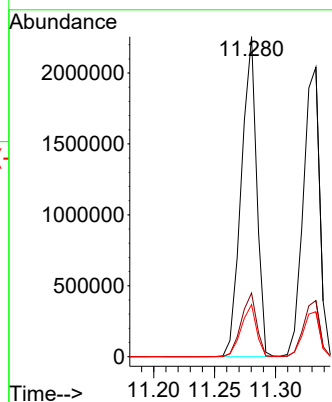
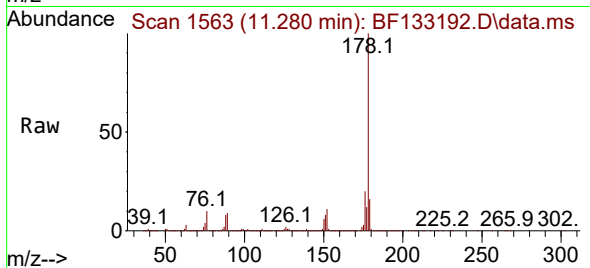
Tgt Ion:178 Resp: 1994230

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

179 16.3 12.5 18.7



#72

Anthracene

Concen: 45.725 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.006 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

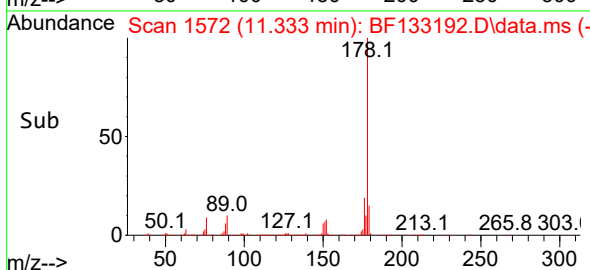
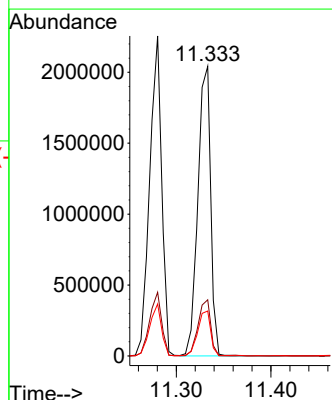
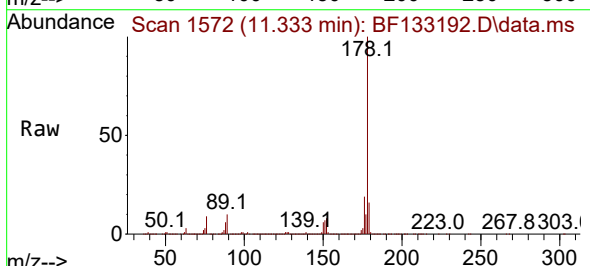
Tgt Ion:178 Resp: 1921159

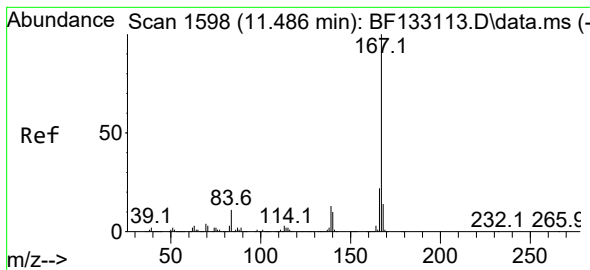
Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.5 12.4 18.6





#73

Carbazole

Concen: 45.863 ng

RT: 11.486 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

72-11938MSD

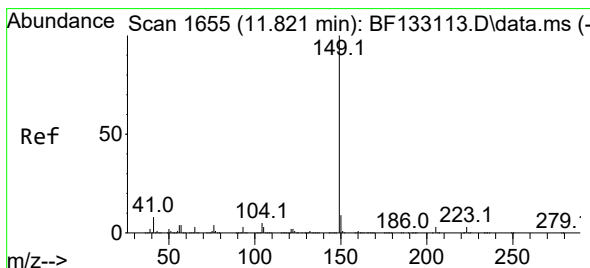
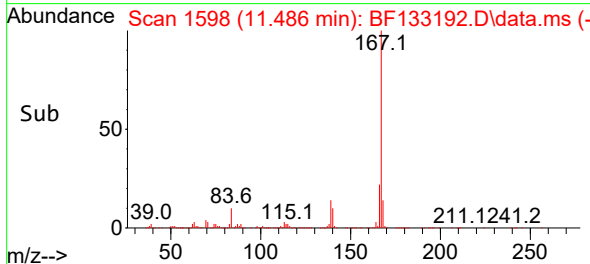
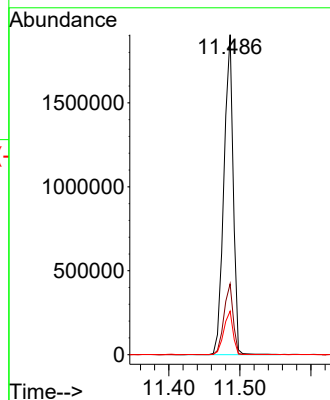
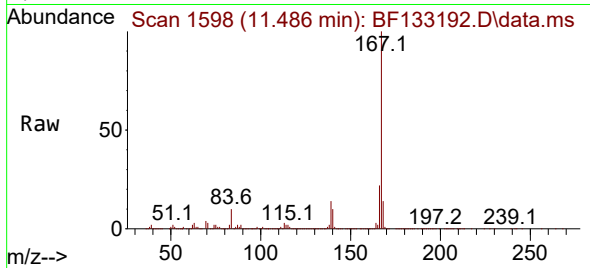
Tgt Ion:167 Resp: 1715838

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

139 13.6 10.6 16.0



#74

Di-n-butylphthalate

Concen: 49.086 ng

RT: 11.821 min Scan# 1655

Delta R.T. 0.000 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

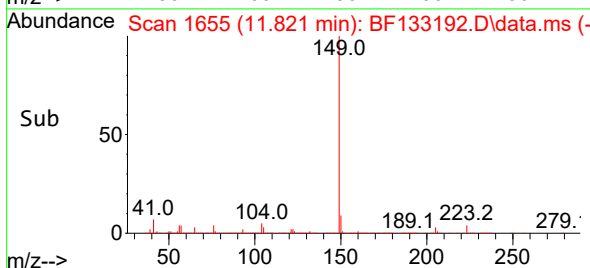
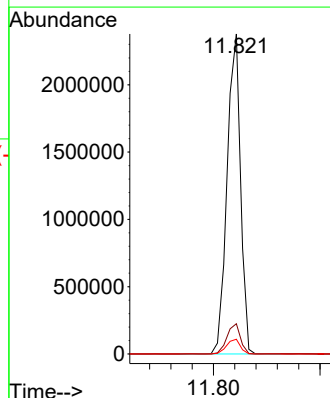
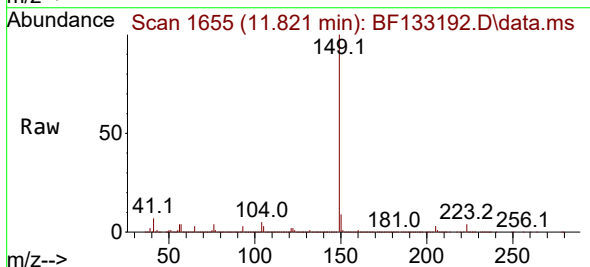
Tgt Ion:149 Resp: 2078180

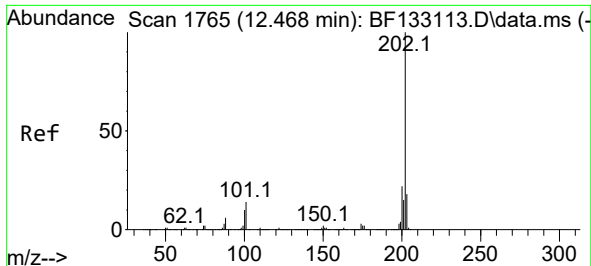
Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

104 4.6 4.0 6.0

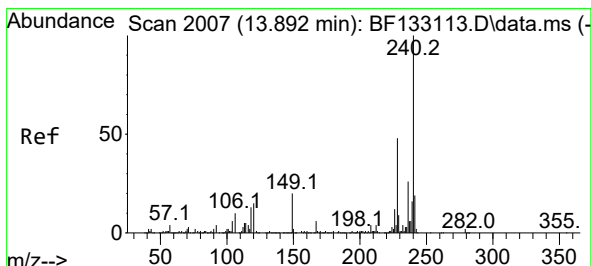
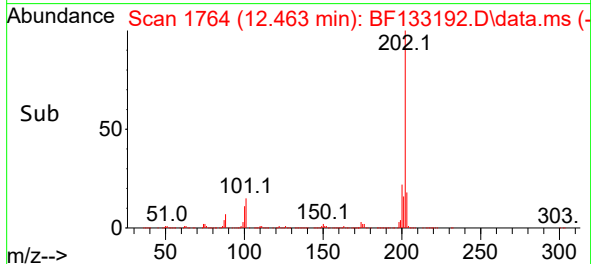
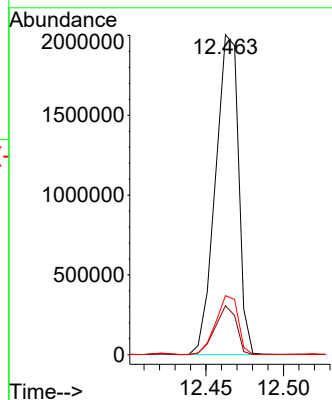
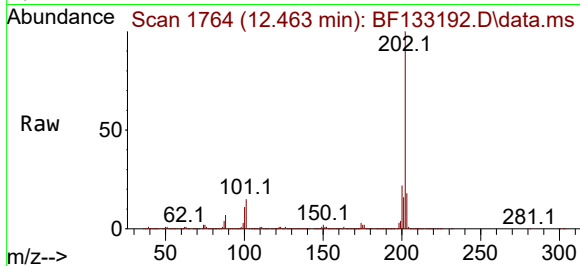




#75
Fluoranthene
Concen: 50.285 ng
RT: 12.463 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

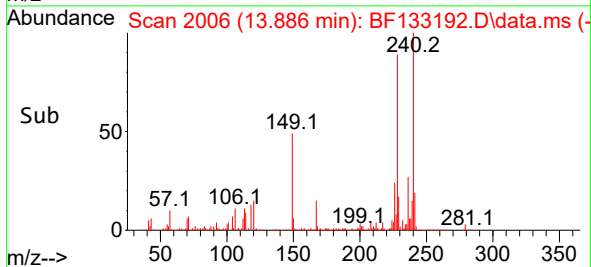
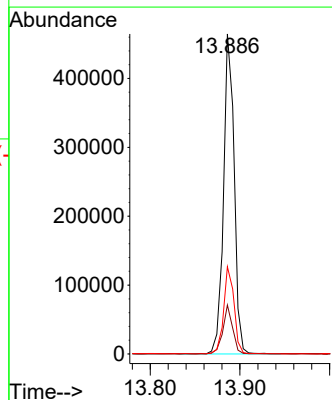
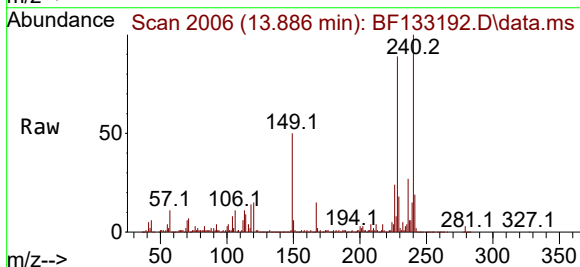
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

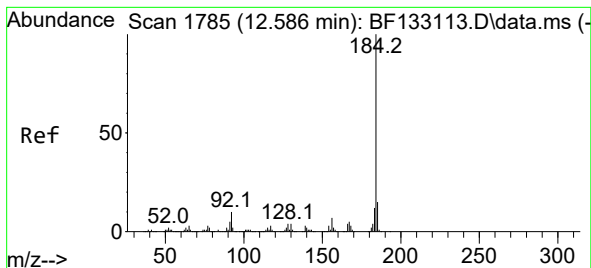
Tgt Ion:202 Resp: 2071940
Ion Ratio Lower Upper
202 100
101 15.3 0.0 35.3
203 18.4 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion:240 Resp: 383390
Ion Ratio Lower Upper
240 100
120 15.3 10.5 15.7
236 27.3 21.5 32.3





#77

Benzidine

Concen: 123.172 ng

RT: 12.586 min Scan# 1785

Delta R.T. 0.000 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

72-11938MSD

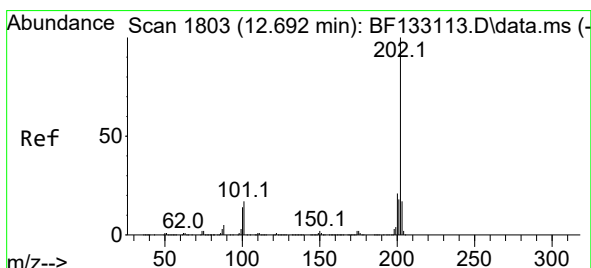
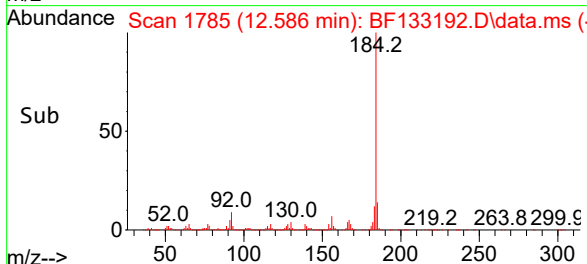
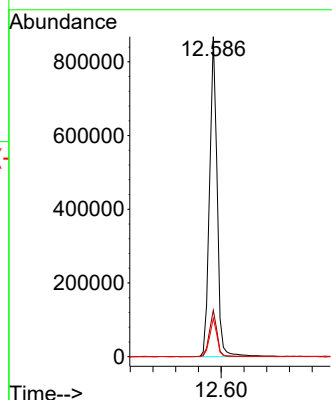
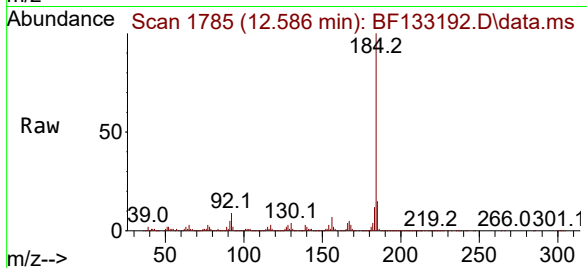
Tgt Ion:184 Resp: 798562

Ion Ratio Lower Upper

184 100

185 14.5 15.4 23.2#

183 12.0 9.4 14.0



#78

Pyrene

Concen: 61.828 ng

RT: 12.692 min Scan# 1803

Delta R.T. 0.000 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

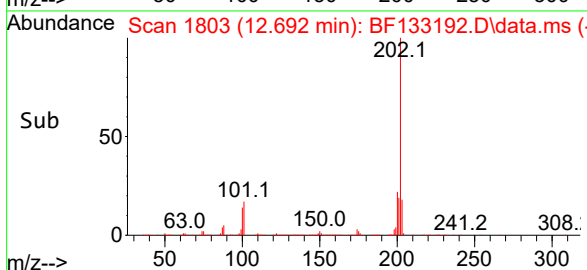
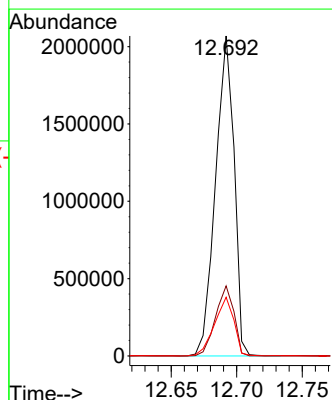
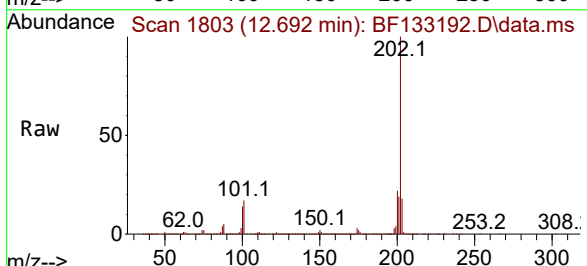
Tgt Ion:202 Resp: 2032002

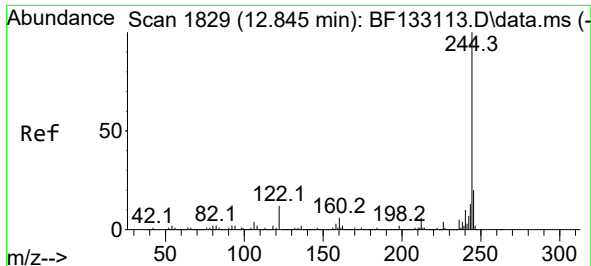
Ion Ratio Lower Upper

202 100

200 21.9 17.1 25.7

203 18.4 14.1 21.1

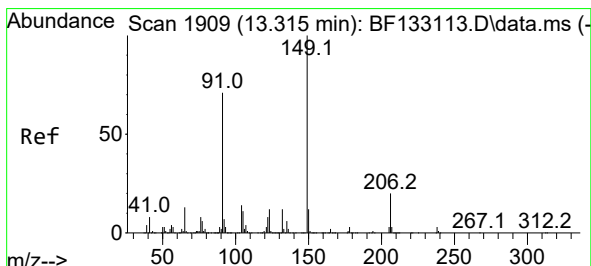
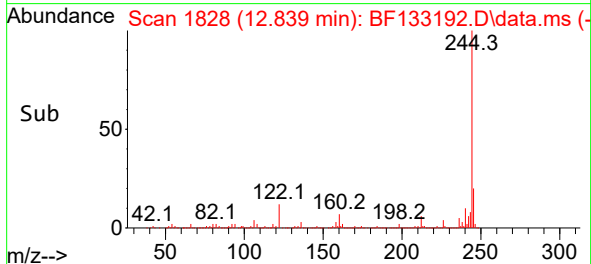
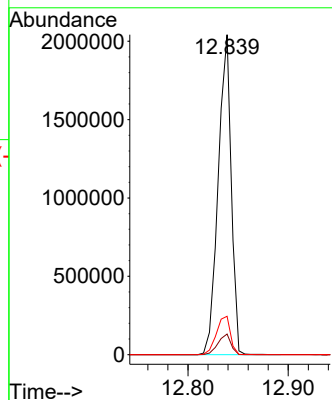
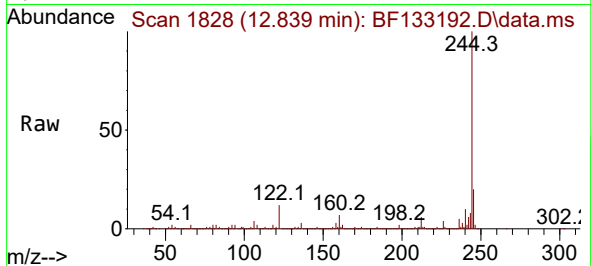




#79
 Terphenyl-d14
 Concen: 82.822 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. 0.000 min
 Lab File: BF133192.D
 Acq: 02 May 2023 16:50

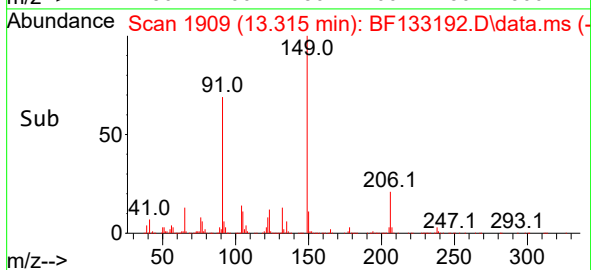
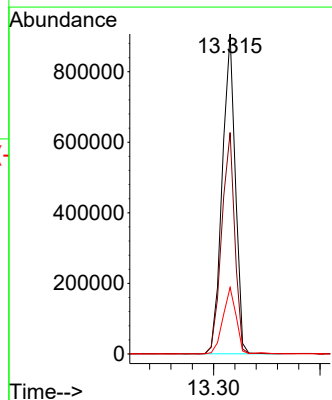
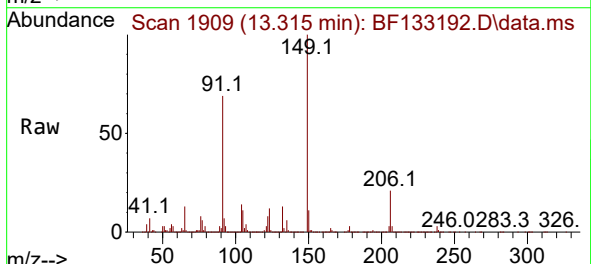
Instrument :
 BNA_F
 ClientSampleId :
 72-11938MSD

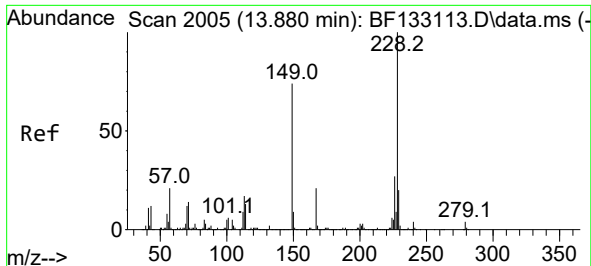
Tgt Ion:244 Resp: 1841110
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 12.0 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 66.095 ng
 RT: 13.315 min Scan# 1909
 Delta R.T. 0.000 min
 Lab File: BF133192.D
 Acq: 02 May 2023 16:50

Tgt Ion:149 Resp: 769131
 Ion Ratio Lower Upper
 149 100
 91 69.2 53.8 80.6
 206 20.8 17.5 26.3

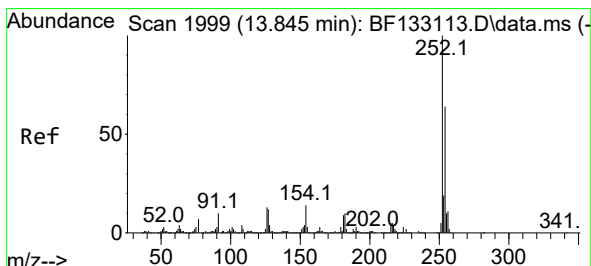
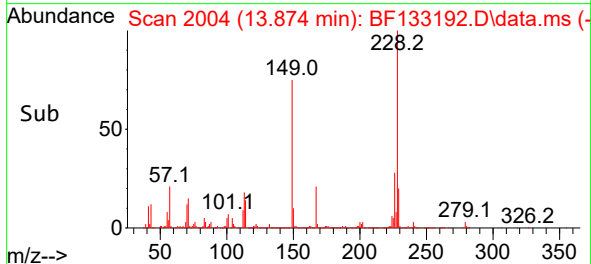
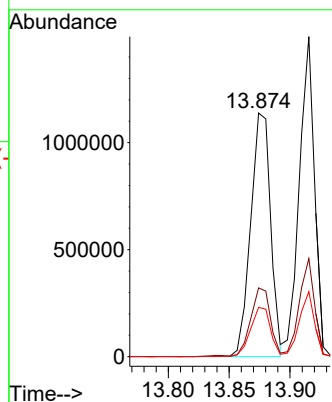
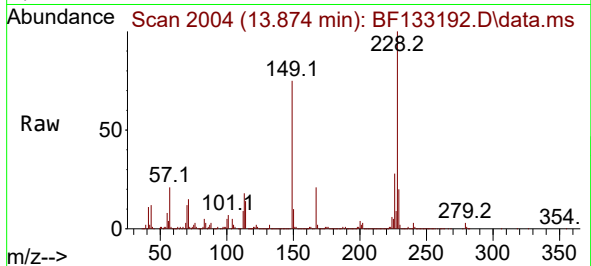




#81
Benzo(a)anthracene
Concen: 49.156 ng
RT: 13.874 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

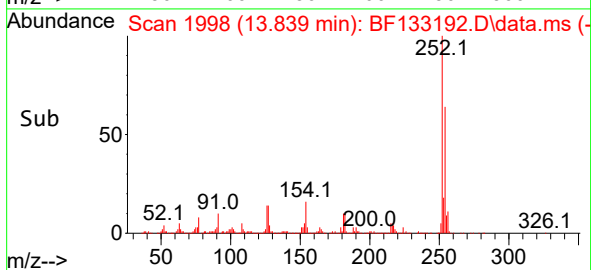
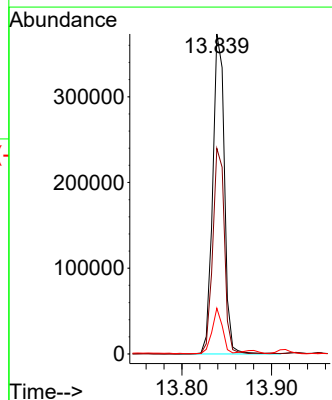
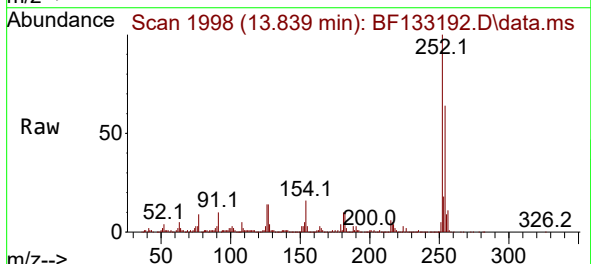
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

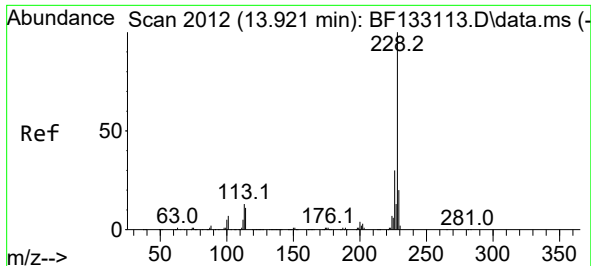
Tgt Ion:228 Resp: 1295974
Ion Ratio Lower Upper
228 100
226 28.2 22.2 33.4
229 20.2 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 46.558 ng
RT: 13.839 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion:252 Resp: 339090
Ion Ratio Lower Upper
252 100
254 64.3 51.5 77.3
126 14.3 9.5 14.3#

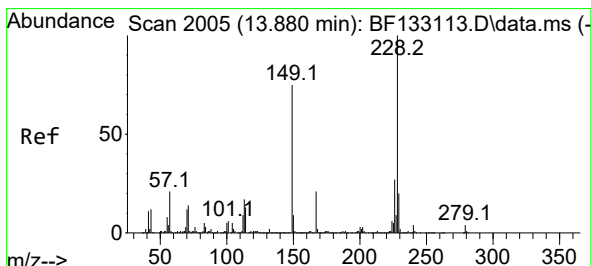
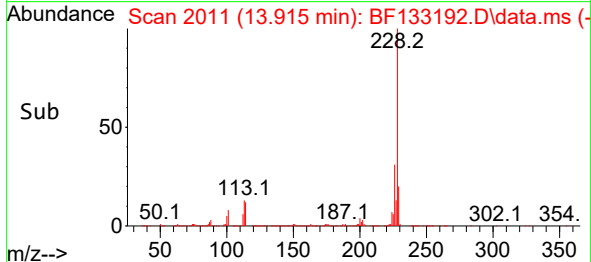
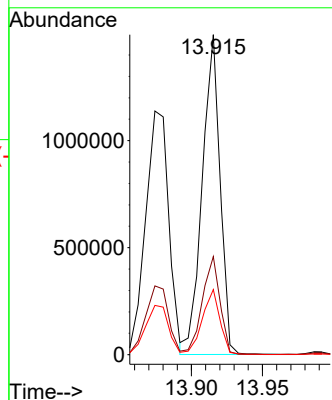
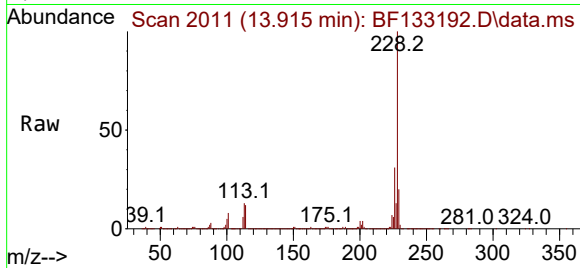




#83
Chrysene
Concen: 49.548 ng
RT: 13.915 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

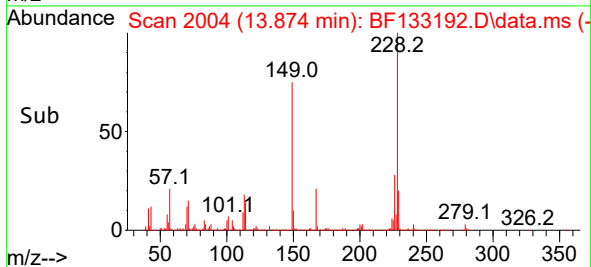
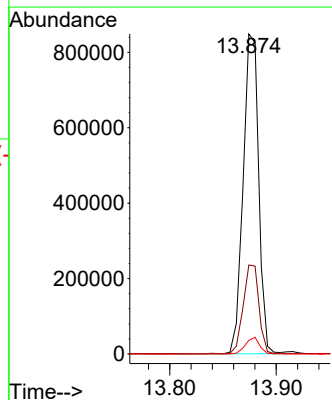
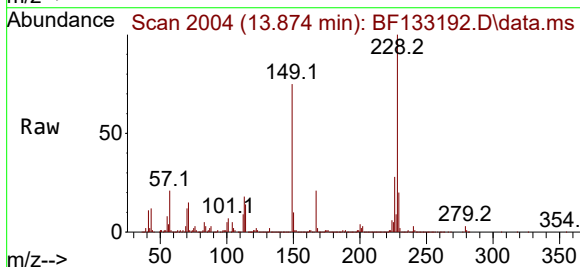
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

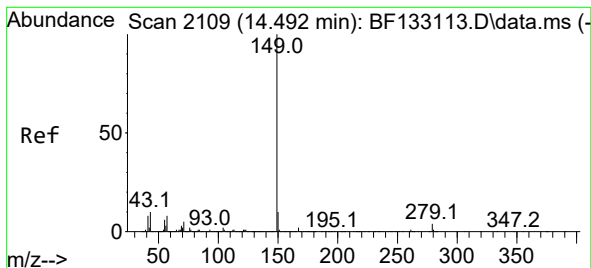
Tgt Ion:228 Resp: 1305991
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 20.4 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 58.914 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133192.D
Acq: 02 May 2023 16:50

Tgt Ion:149 Resp: 860521
Ion Ratio Lower Upper
149 100
167 27.8 22.5 33.7
279 4.2 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 59.162 ng

RT: 14.486 min Scan# 2109

Delta R.T. -0.006 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

72-11938MSD

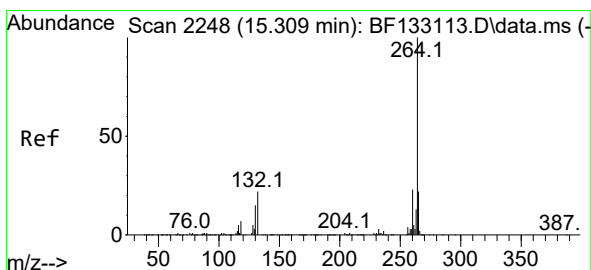
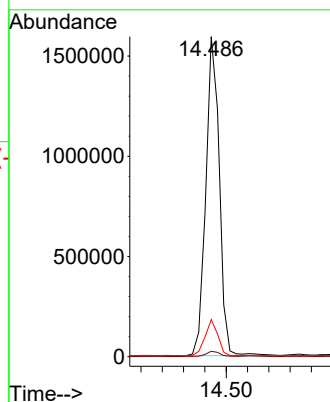
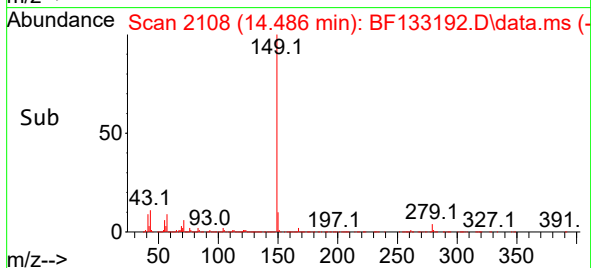
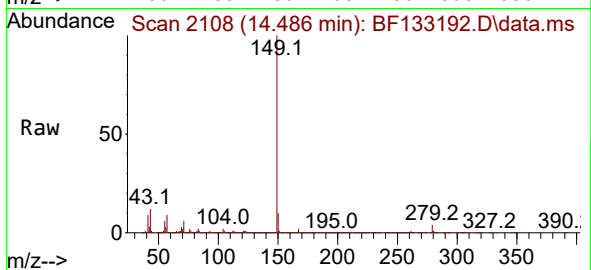
Tgt Ion:149 Resp: 1409019

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.6 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. -0.006 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

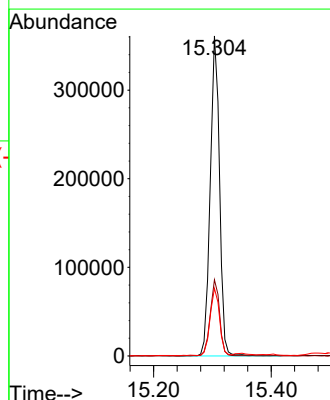
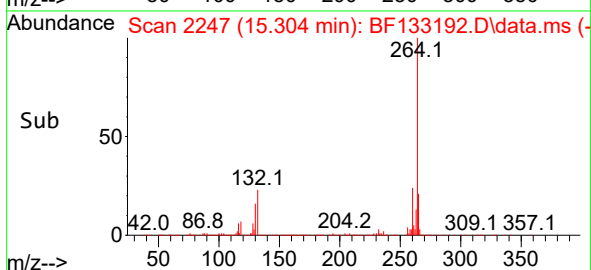
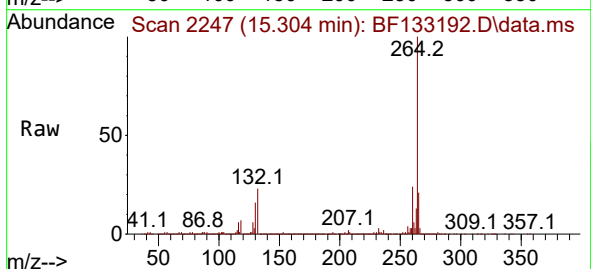
Tgt Ion:264 Resp: 395762

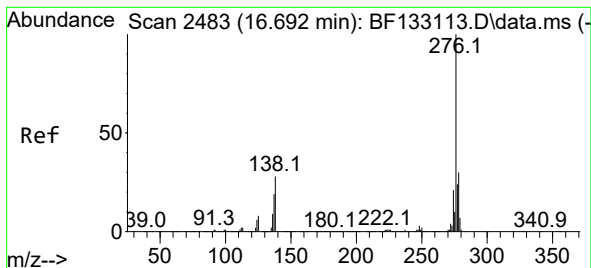
Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 64.614 ng

RT: 16.692 min Scan# 2483

Delta R.T. 0.000 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

72-11938MSD

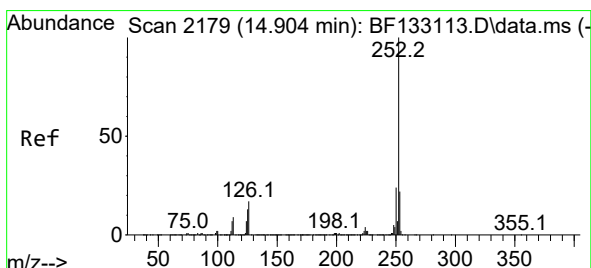
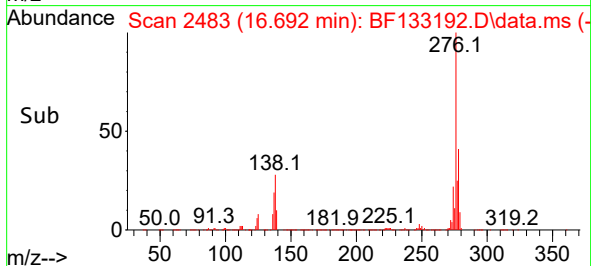
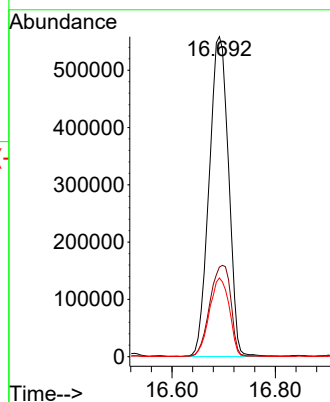
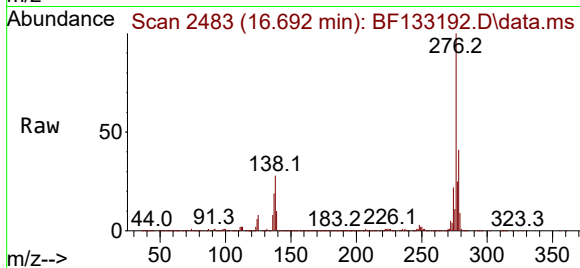
Tgt Ion:276 Resp: 1454566

Ion Ratio Lower Upper

276 100

138 30.8 25.5 38.3

277 25.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 49.929 ng

RT: 14.904 min Scan# 2179

Delta R.T. 0.000 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

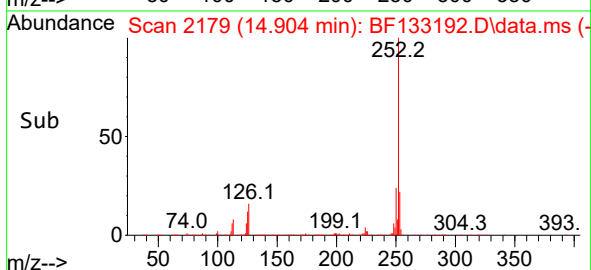
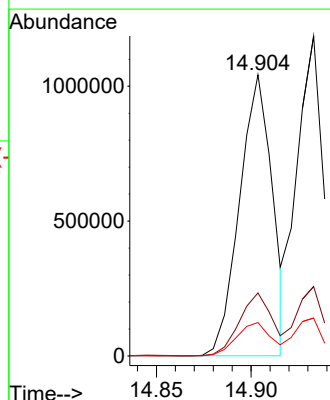
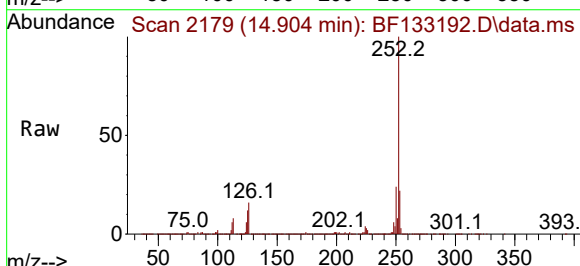
Tgt Ion:252 Resp: 1257099

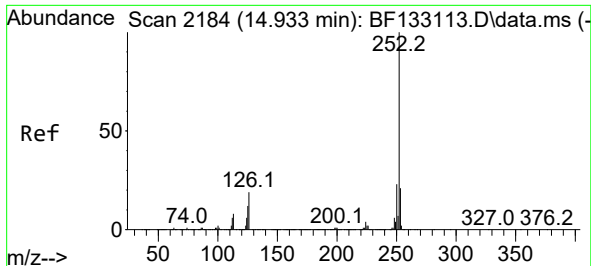
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 11.9 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 45.778 ng

RT: 14.933 min Scan# 2184

Delta R.T. 0.000 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

72-11938MSD

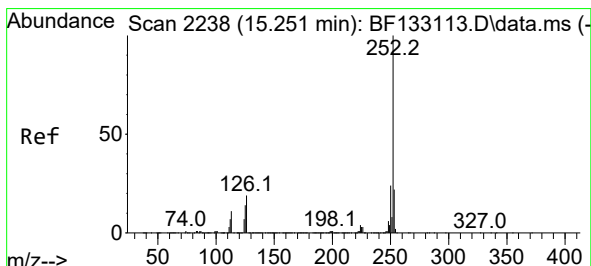
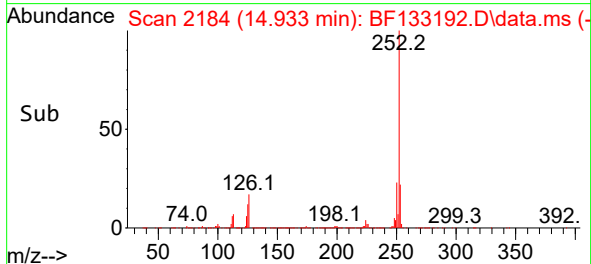
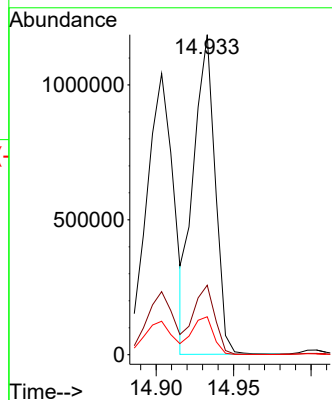
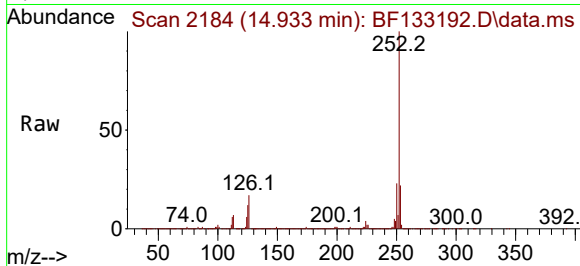
Tgt Ion:252 Resp: 1142545

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 11.8 9.0 13.4



#90

Benzo(a)pyrene

Concen: 48.021 ng

RT: 15.251 min Scan# 2238

Delta R.T. 0.000 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

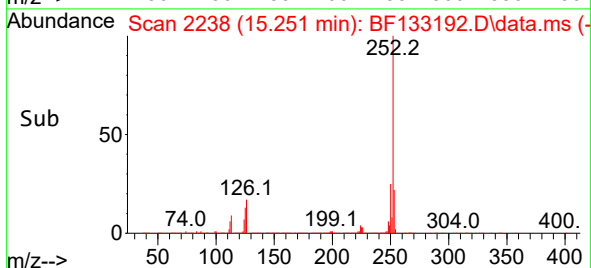
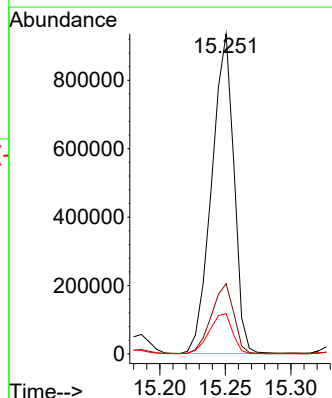
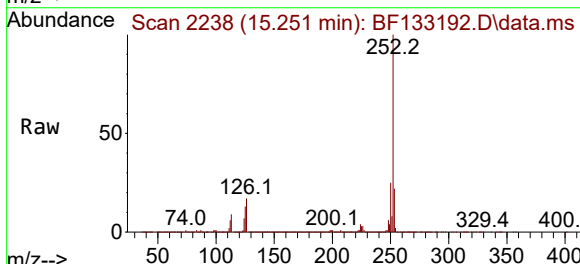
Tgt Ion:252 Resp: 1100498

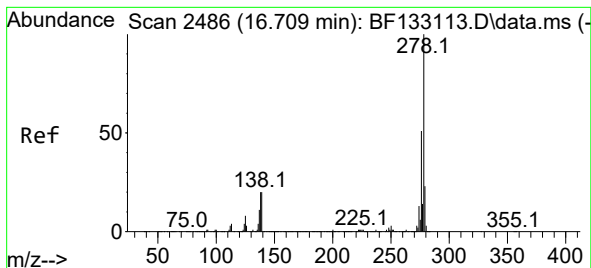
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 12.7 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 62.604 ng

RT: 16.709 min Scan# 2486

Delta R.T. 0.000 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

72-11938MSD

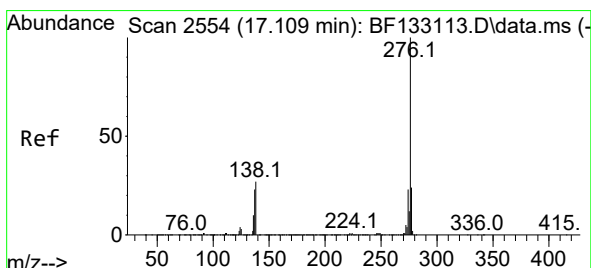
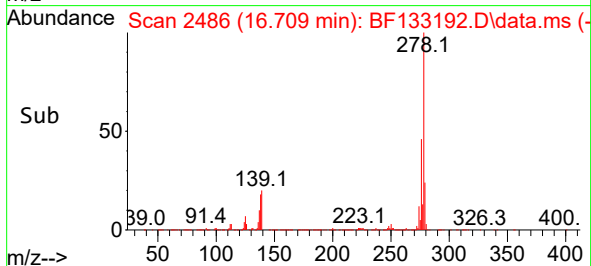
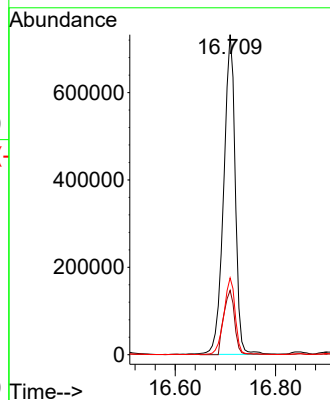
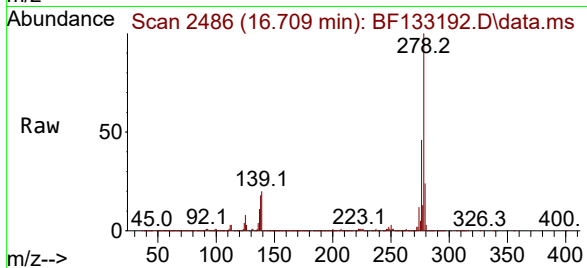
Tgt Ion:278 Resp: 1175453

Ion Ratio Lower Upper

278 100

139 20.1 16.6 24.8

279 24.0 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 64.538 ng

RT: 17.115 min Scan# 2555

Delta R.T. 0.006 min

Lab File: BF133192.D

Acq: 02 May 2023 16:50

Tgt Ion:276 Resp: 1196324

Ion Ratio Lower Upper

276 100

277 24.8 19.4 29.0

138 27.3 22.7 34.1

