

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133381.D
 Acq On : 15 May 2023 12:25
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 16 03:41:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	253725	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	986088	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	494130	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	869033	20.000	ng	0.00
76) Chrysene-d12	13.886	240	521474	20.000	ng	0.00
86) Perylene-d12	15.304	264	437111	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1214223	72.292	ng	0.00
7) Phenol-d6	6.369	99	1490117	71.477	ng	0.00
23) Nitrobenzene-d5	7.293	82	1344797	73.612	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	363352	73.118	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	2177023	73.708	ng	0.00
79) Terphenyl-d14	12.833	244	2243898	74.212	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.369	88	281395	36.119	ng	95
3) Pyridine	3.063	79	761522	36.803	ng	96
4) n-Nitrosodimethylamine	3.034	42	352906	32.927	ng	91
6) Aniline	6.387	93	942416	35.098	ng	# 47
8) 2-Chlorophenol	6.510	128	626735	36.751	ng	96
9) Benzaldehyde	6.269	77	370010	37.682	ng	100
10) Phenol	6.387	94	782029	34.003	ng	# 64
11) bis(2-Chloroethyl)ether	6.463	93	622058	36.044	ng	98
12) 1,3-Dichlorobenzene	6.663	146	673367	37.139	ng	98
13) 1,4-Dichlorobenzene	6.740	146	664788	36.584	ng	98
14) 1,2-Dichlorobenzene	6.893	146	619907	37.003	ng	97
15) Benzyl Alcohol	6.875	79	496882	34.504	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	970433	32.374	ng	89
17) 2-Methylphenol	6.993	107	562918	36.048	ng	97
18) Hexachloroethane	7.234	117	234977	37.194	ng	97
19) n-Nitroso-di-n-propyla...	7.145	70	416119	32.062	ng	95
20) 3+4-Methylphenols	7.145	107	665080	36.165	ng	# 80
22) Acetophenone	7.140	105	845228	37.003	ng	96
24) Nitrobenzene	7.310	77	684568	36.979	ng	98
25) Isophorone	7.551	82	1244246	35.872	ng	98
26) 2-Nitrophenol	7.628	139	369871	41.424	ng	91
27) 2,4-Dimethylphenol	7.675	122	573996	37.490	ng	97
28) bis(2-Chloroethoxy)met...	7.763	93	746259	36.368	ng	99
29) 2,4-Dichlorophenol	7.875	162	530116	38.034	ng	98
30) 1,2,4-Trichlorobenzene	7.951	180	551570	38.198	ng	99
31) Naphthalene	8.034	128	1811987	36.753	ng	99
32) Benzoic acid	7.810	122	268938	28.437	ng	95
33) 4-Chloroaniline	8.087	127	795009	39.911	ng	97
34) Hexachlorobutadiene	8.151	225	301270	37.644	ng	98
35) Caprolactam	8.463	113	181907	38.850	ng	91
36) 4-Chloro-3-methylphenol	8.569	107	563335	37.480	ng	99
37) 2-Methylnaphthalene	8.722	142	1239689	36.779	ng	99
38) 1-Methylnaphthalene	8.822	142	1149138	36.444	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	504548	37.977	ng	99
41) Hexachlorocyclopentadiene	8.875	237	301068	38.856	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	350356	38.132	ng	97

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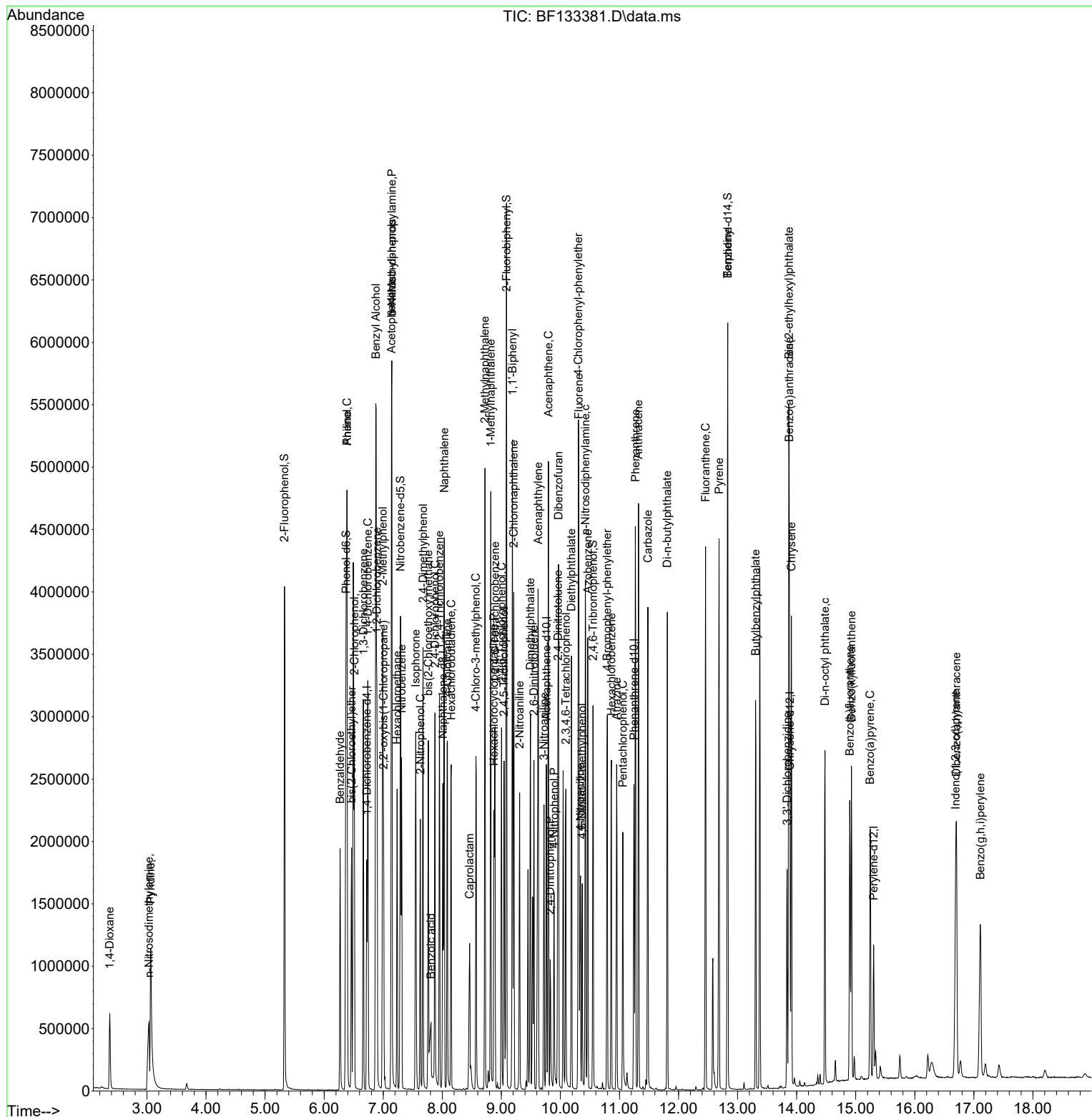
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	405261	38.138	ng	99
46) 1,1'-Biphenyl	9.187	154	1439394	36.736	ng	99
47) 2-Chloronaphthalene	9.210	162	1097197	38.258	ng	99
48) 2-Nitroaniline	9.310	65	357834	37.753	ng	98
49) Acenaphthylene	9.622	152	1710779	37.333	ng	100
50) Dimethylphthalate	9.492	163	1324827	38.451	ng	99
51) 2,6-Dinitrotoluene	9.551	165	302886	39.058	ng	97
52) Acenaphthene	9.798	154	1043521	34.001	ng	99
53) 3-Nitroaniline	9.722	138	358129	38.840	ng	99
54) 2,4-Dinitrophenol	9.828	184	143853	36.905	ng	94
55) Dibenzofuran	9.969	168	1513940	36.162	ng	99
56) 4-Nitrophenol	9.892	139	261016	36.549	ng	97
57) 2,4-Dinitrotoluene	9.957	165	382415	38.668	ng	94
58) Fluorene	10.310	166	1134243	36.979	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.092	232	296619	36.006	ng	100
60) Diethylphthalate	10.186	149	1217496	37.410	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	548440	36.692	ng	99
62) 4-Nitroaniline	10.339	138	347139	40.962	ng	96
63) Azobenzene	10.463	77	1214667	35.232	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	212775	40.395	ng	88
66) n-Nitrosodiphenylamine	10.422	169	1036310	36.763	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	345726	36.681	ng	98
68) Hexachlorobenzene	10.863	284	357399	37.006	ng	97
69) Atrazine	10.951	200	317415	39.078	ng	99
70) Pentachlorophenol	11.057	266	246145	35.786	ng	98
71) Phenanthrene	11.269	178	1681936	36.010	ng	100
72) Anthracene	11.322	178	1759296	36.805	ng	99
73) Carbazole	11.480	167	1557277	36.588	ng	100
74) Di-n-butylphthalate	11.810	149	1870677	38.838	ng	99
75) Fluoranthene	12.457	202	1674976	35.732	ng	99
77) Benzidine	12.833	184	25973	2.945	ng	97
78) Pyrene	12.686	202	1714057	38.344	ng	99
80) Butylbenzylphthalate	13.304	149	739247	46.705	ng	94
81) Benzo(a)anthracene	13.874	228	1243052	34.664	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	384286	38.792	ng	100
83) Chrysene	13.910	228	1279523	35.690	ng	100
84) Bis(2-ethylhexyl)phtha...	13.869	149	856627	43.118	ng	100
85) Di-n-octyl phthalate	14.480	149	1295671	39.997	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1087629	43.744	ng	99
88) Benzo(b)fluoranthene	14.898	252	1052714	37.856	ng	98
89) Benzo(k)fluoranthene	14.927	252	923930	33.517	ng	99
90) Benzo(a)pyrene	15.245	252	936371	36.994	ng	99
91) Dibenzo(a,h)anthracene	16.704	278	896674	43.239	ng	99
92) Benzo(g,h,i)perylene	17.110	276	913199	44.604	ng	96

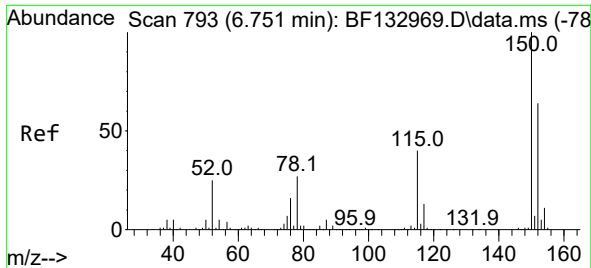
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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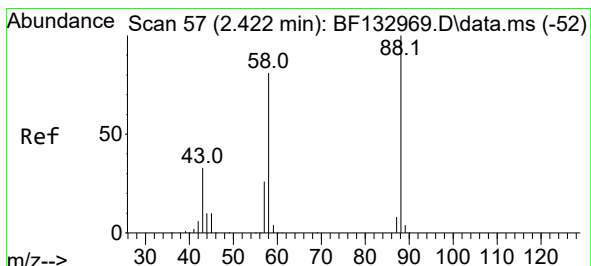
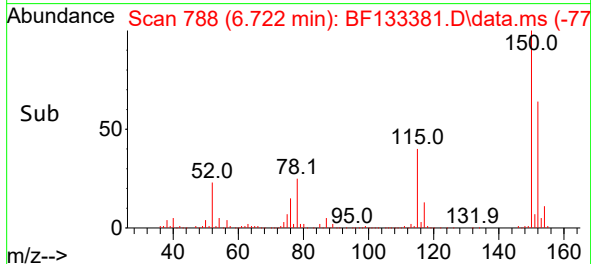
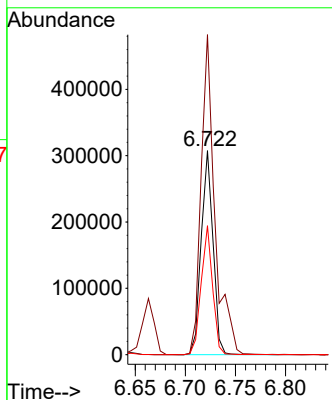
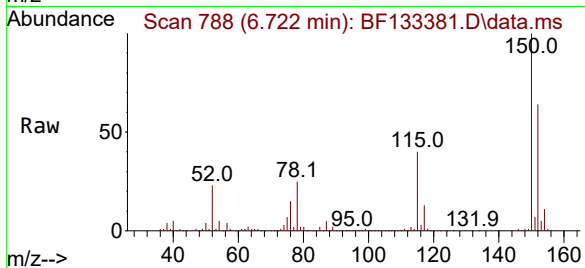




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133381.D
 Acq: 15 May 2023 12:25

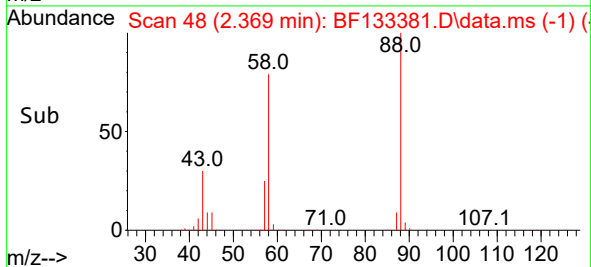
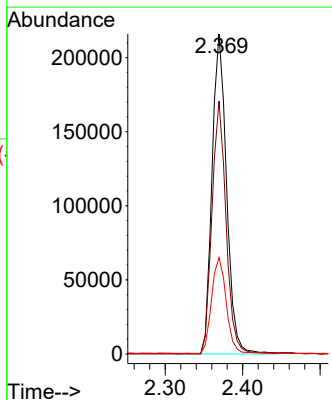
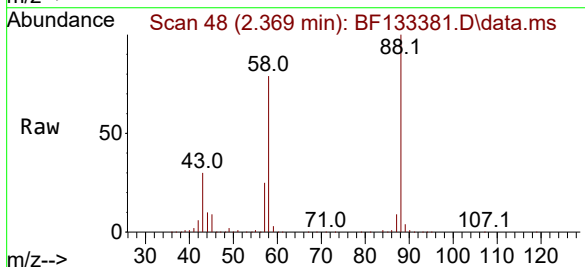
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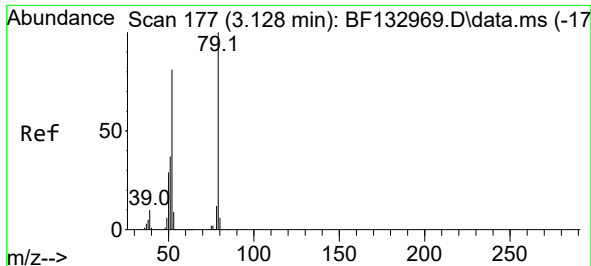
Tgt Ion:152 Resp: 253725
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.8 187.2
 115 63.2 49.9 74.9



#2
 1,4-Dioxane
 Concen: 36.119 ng
 RT: 2.369 min Scan# 48
 Delta R.T. 0.006 min
 Lab File: BF133381.D
 Acq: 15 May 2023 12:25

Tgt Ion: 88 Resp: 281395
 Ion Ratio Lower Upper
 88 100
 58 77.0 64.7 97.1
 43 30.0 26.2 39.2

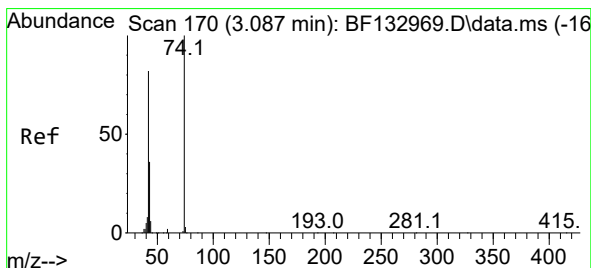
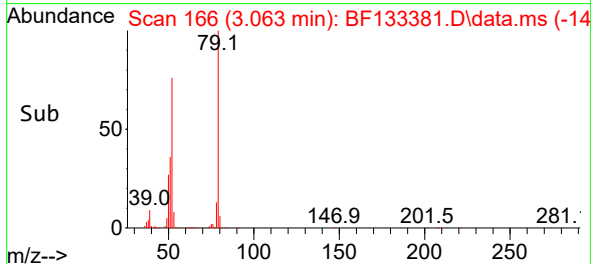
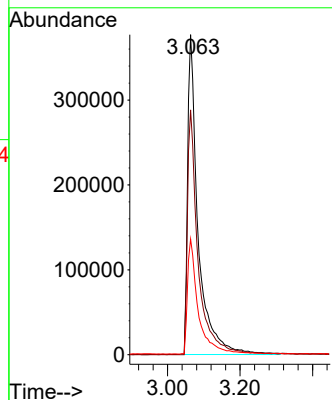
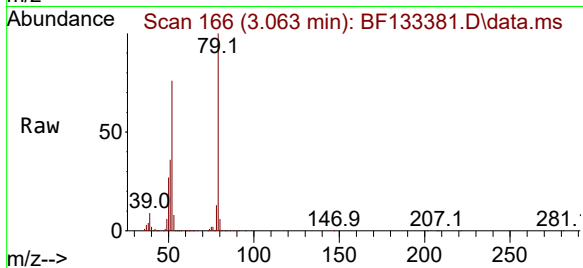




#3
Pyridine
Concen: 36.803 ng
RT: 3.063 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

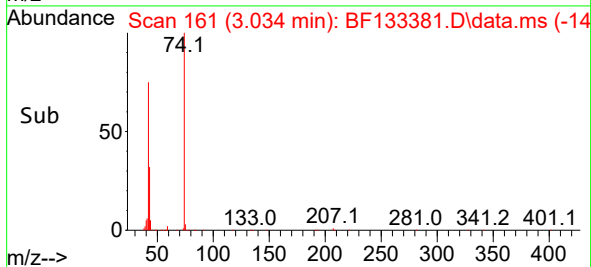
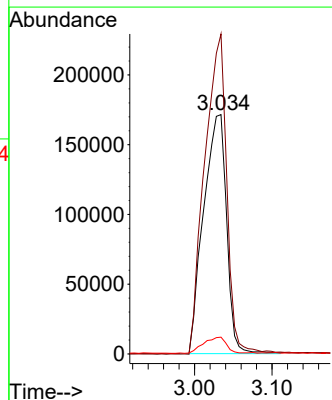
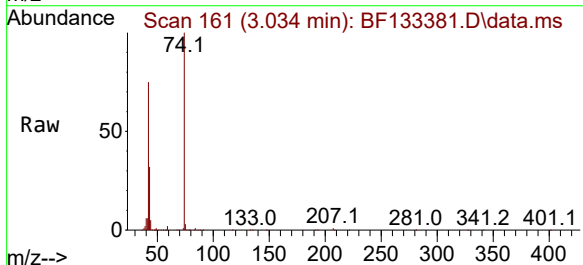
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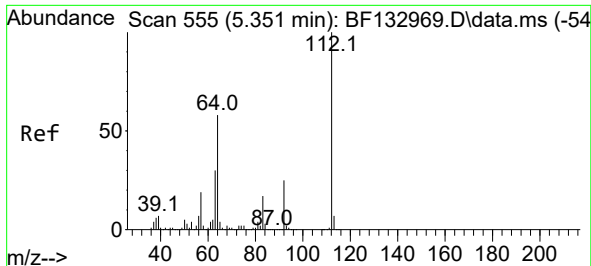
Tgt Ion: 79 Resp: 761522
Ion Ratio Lower Upper
79 100
52 76.5 64.6 96.8
51 36.1 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 32.927 ng
RT: 3.034 min Scan# 161
Delta R.T. 0.012 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

Tgt Ion: 42 Resp: 352906
Ion Ratio Lower Upper
42 100
74 133.7 98.0 147.0
44 7.1 5.8 8.8

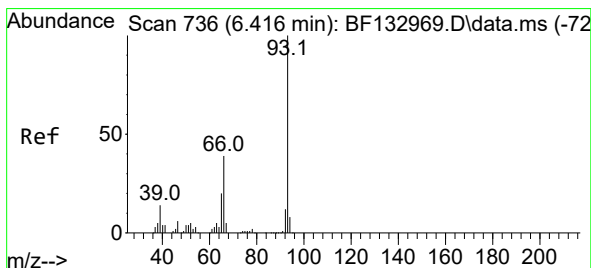
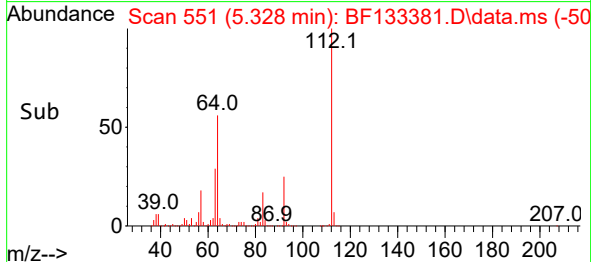
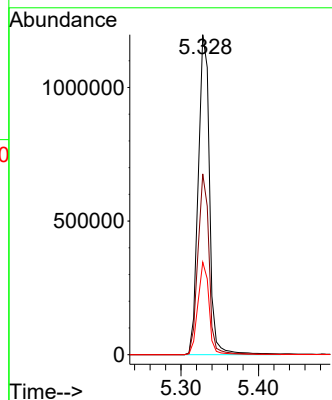
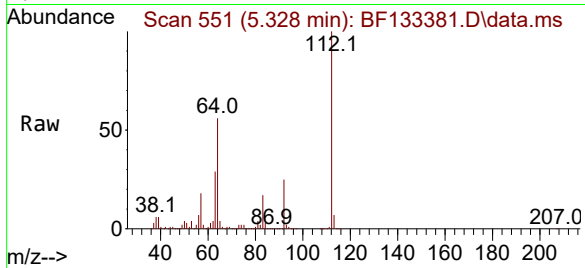




#5
2-Fluorophenol
Concen: 72.292 ng
RT: 5.328 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

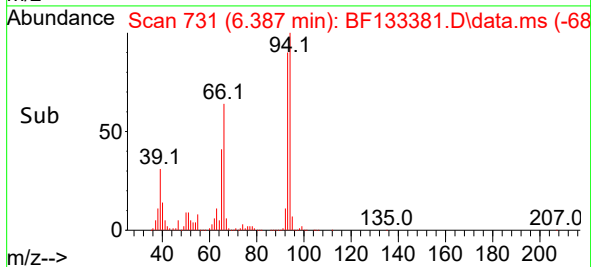
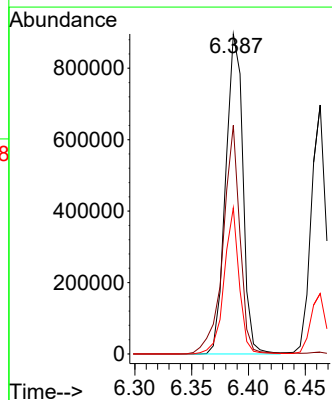
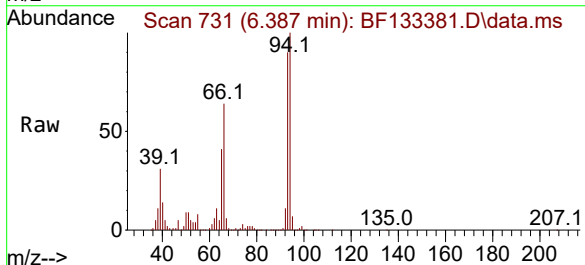
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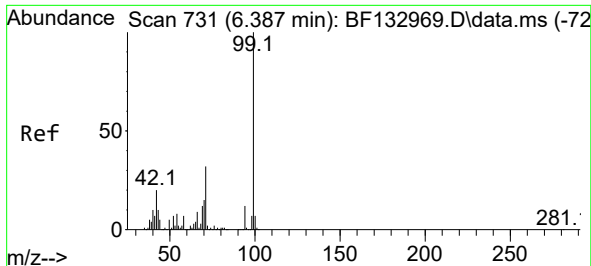
Tgt Ion:112 Resp: 1214223
Ion Ratio Lower Upper
112 100
64 56.5 46.8 70.2
63 28.9 23.8 35.8



#6
Aniline
Concen: 35.098 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

Tgt Ion: 93 Resp: 942416
Ion Ratio Lower Upper
93 100
66 71.5 31.5 47.3#
65 45.7 16.4 24.6#





#7

Phenol-d6

Concen: 71.477 ng

RT: 6.369 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

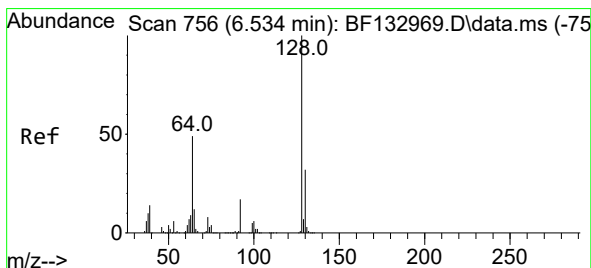
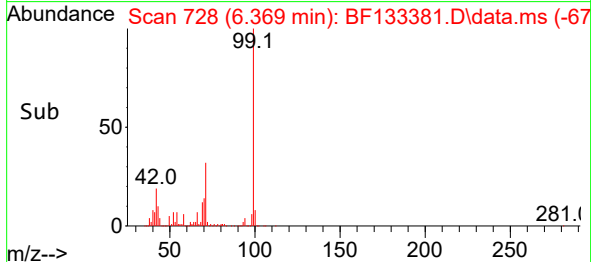
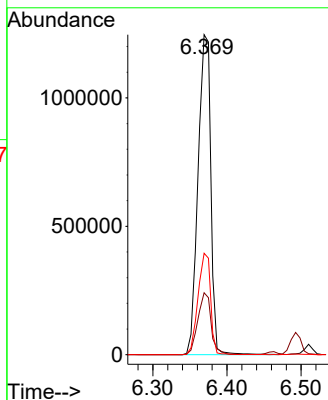
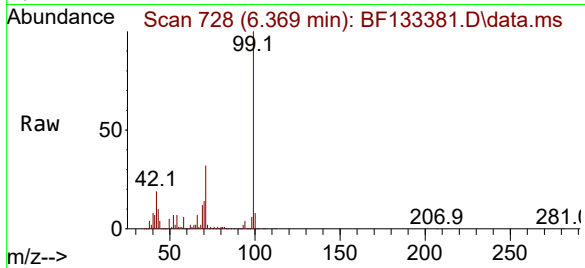
Tgt Ion: 99 Resp: 1490117

Ion Ratio Lower Upper

99 100

42 19.3 16.3 24.5

71 31.7 25.6 38.4



#8

2-Chlorophenol

Concen: 36.751 ng

RT: 6.510 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF133381.D

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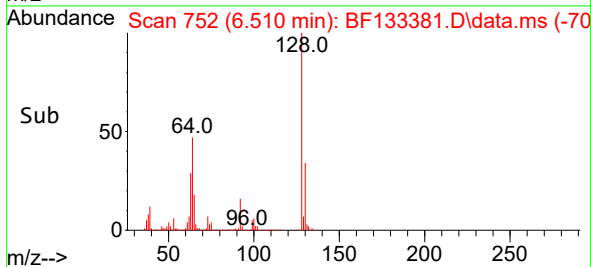
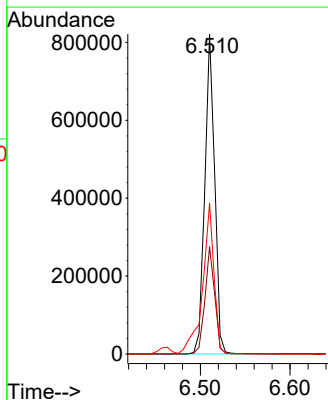
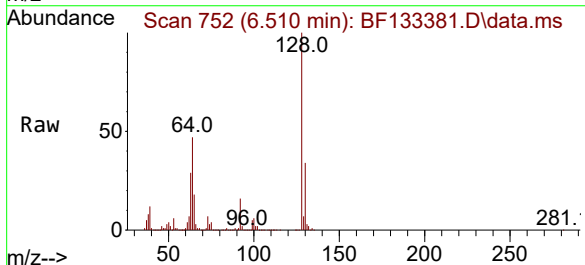
Tgt Ion:128 Resp: 626735

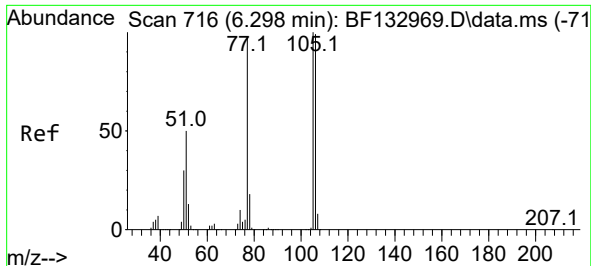
Ion Ratio Lower Upper

128 100

130 33.5 12.2 52.2

64 47.1 30.3 70.3

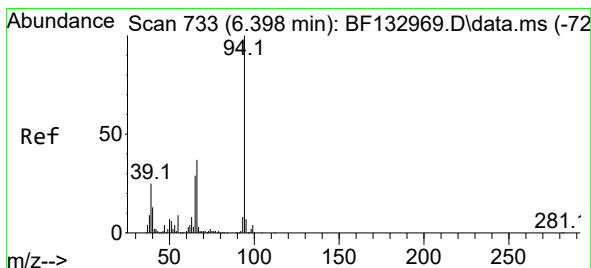
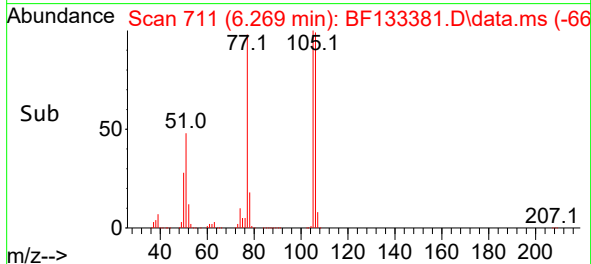
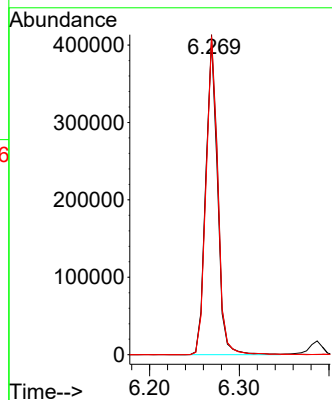
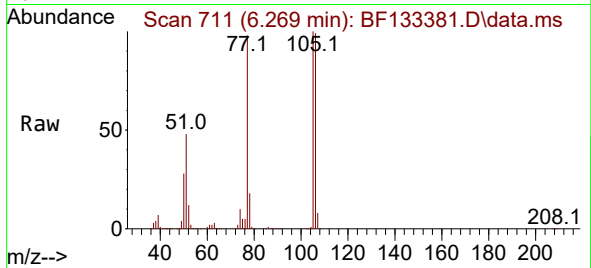




#9
Benzaldehyde
Concen: 37.682 ng
RT: 6.269 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF133381.D
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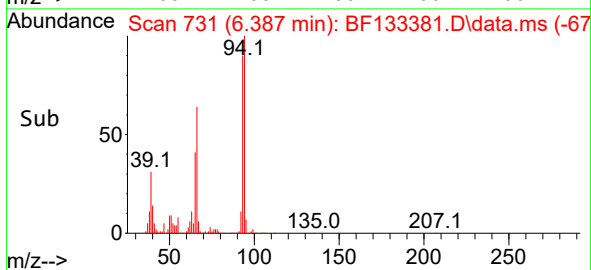
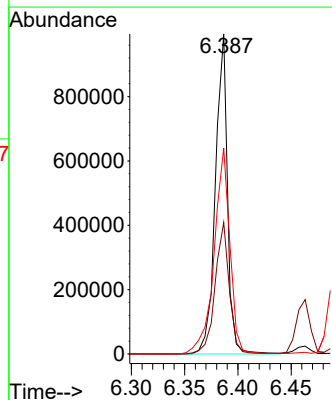
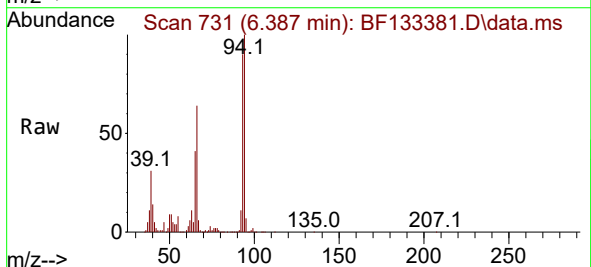
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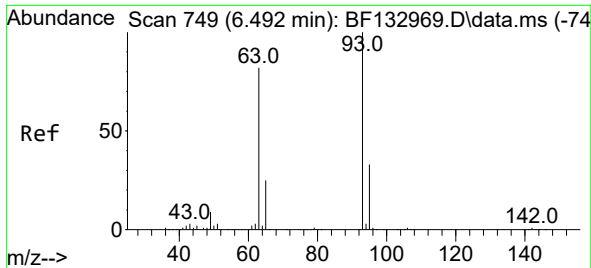
Tgt Ion: 77 Resp: 370010
Ion Ratio Lower Upper
77 100
105 101.9 82.3 122.3
106 101.2 80.8 120.8



#10
Phenol
Concen: 34.003 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

Tgt Ion: 94 Resp: 782029
Ion Ratio Lower Upper
94 100
65 41.1 8.6 48.6
66 64.4 17.3 57.3#

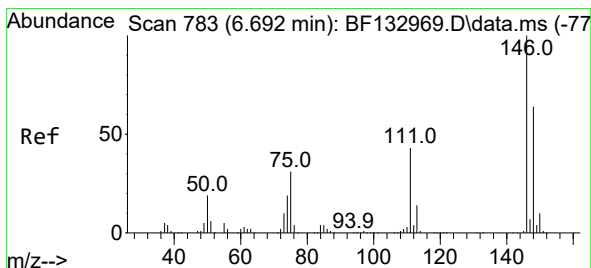
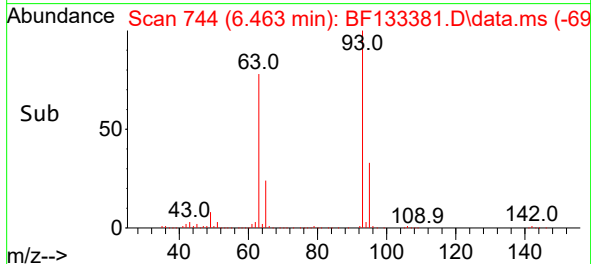
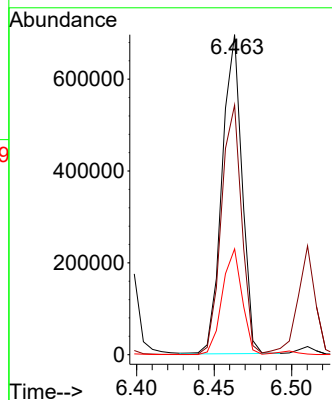
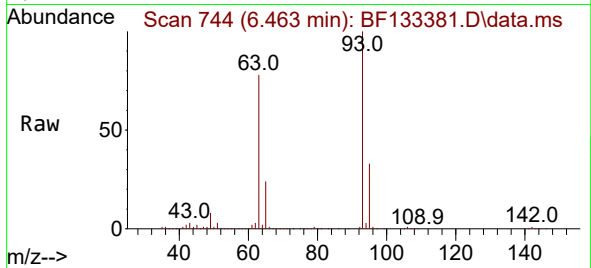




#11
bis(2-Chloroethyl)ether
Concen: 36.044 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

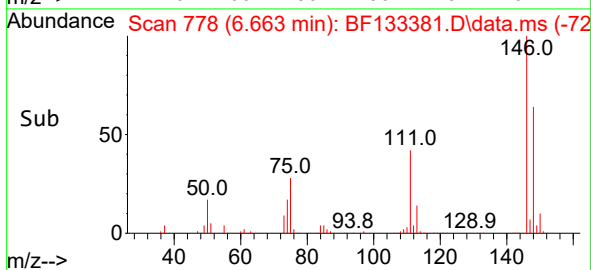
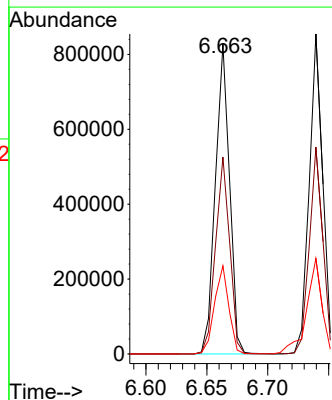
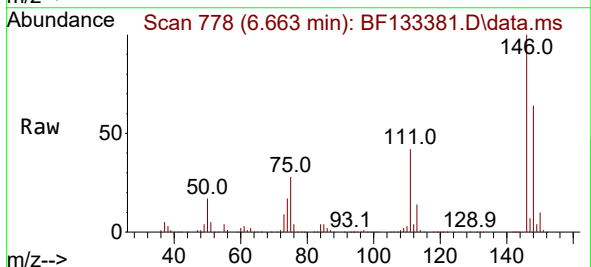
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

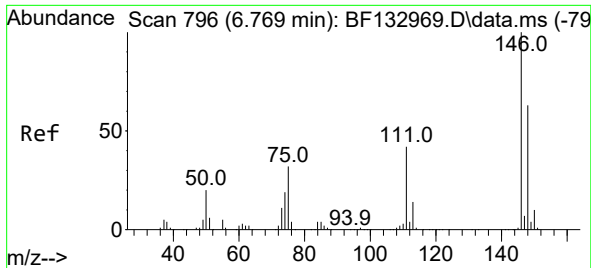
Tgt Ion: 93 Resp: 622058
Ion Ratio Lower Upper
93 100
63 78.0 60.6 100.6
95 33.0 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 37.139 ng
RT: 6.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

Tgt Ion:146 Resp: 673367
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
75 28.5 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 36.584 ng

RT: 6.740 min Scan# 796

Delta R.T. 0.000 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

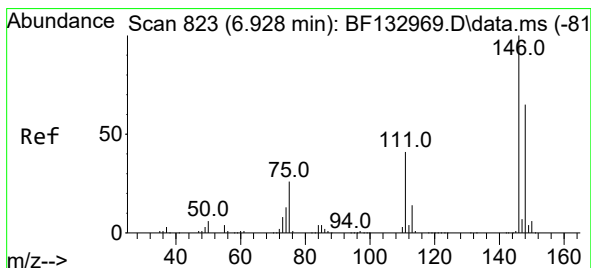
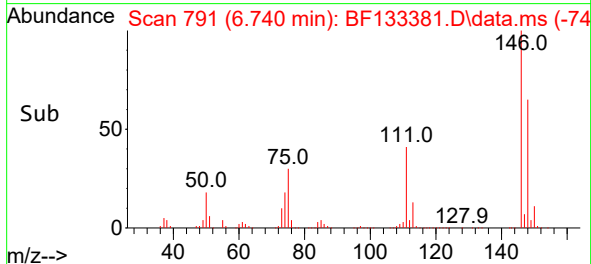
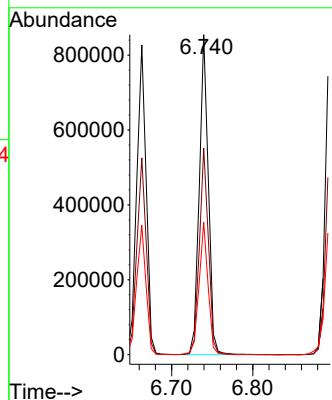
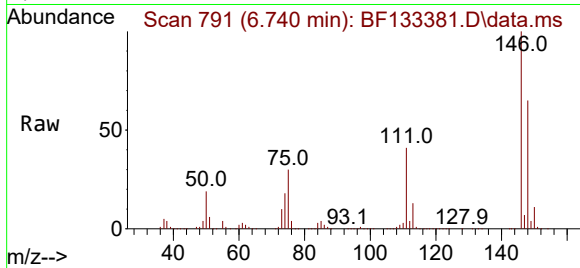
Tgt Ion:146 Resp: 664788

Ion Ratio Lower Upper

146 100

148 64.6 50.3 75.5

111 41.4 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 37.003 ng

RT: 6.893 min Scan# 817

Delta R.T. 0.000 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

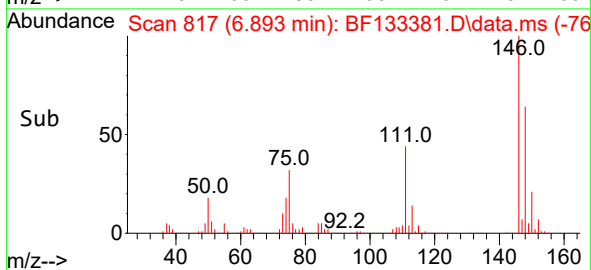
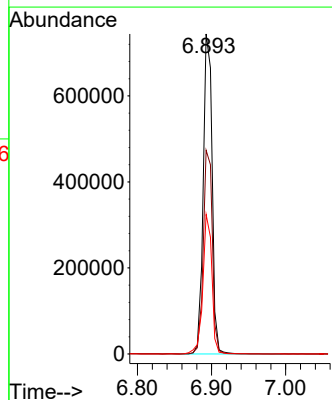
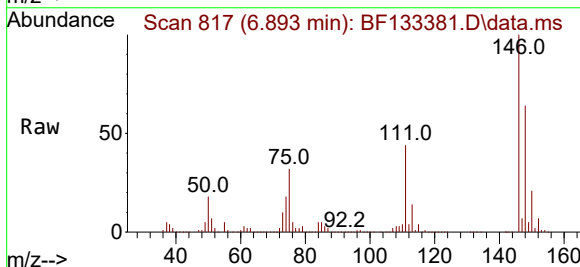
Tgt Ion:146 Resp: 619907

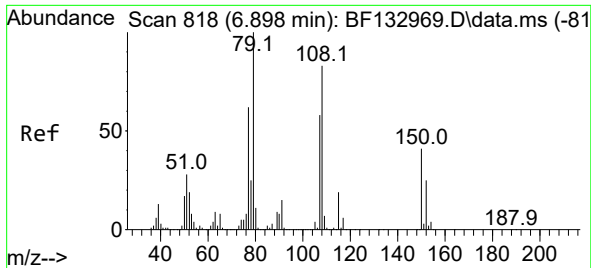
Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.2

111 43.6 32.8 49.2

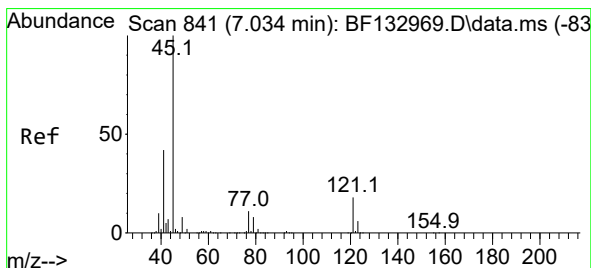
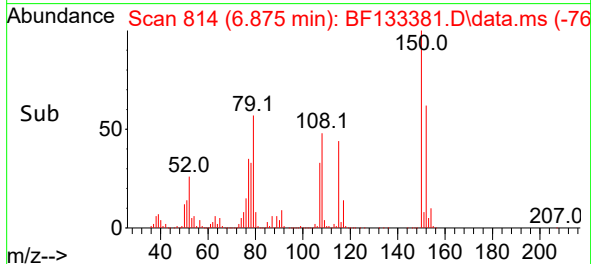
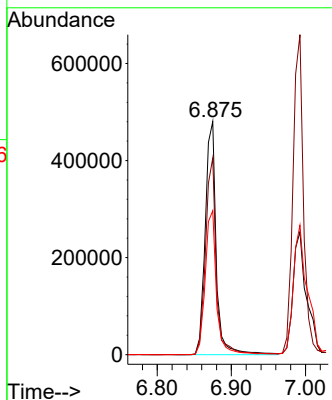
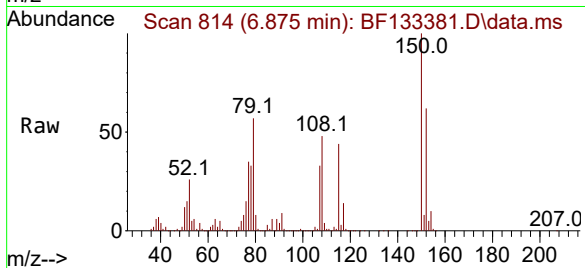




#15
Benzyl Alcohol
Concen: 34.504 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

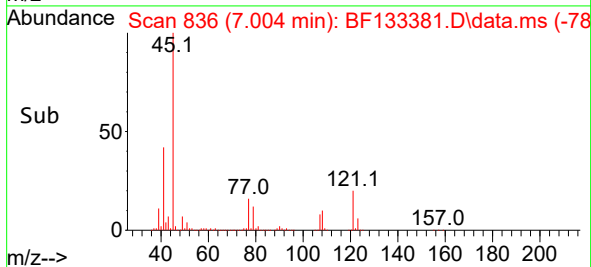
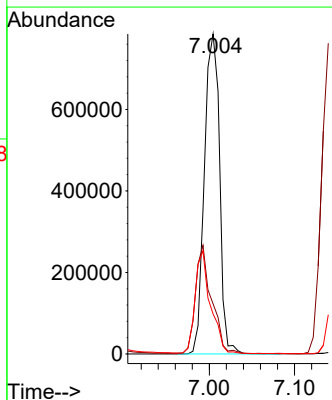
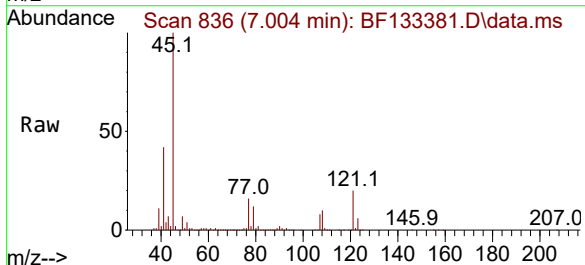
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

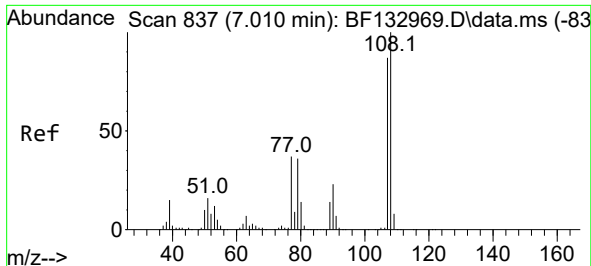
Tgt Ion: 79 Resp: 496882
Ion Ratio Lower Upper
79 100
108 84.3 66.6 99.8
77 61.8 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.374 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

Tgt Ion: 45 Resp: 970433
Ion Ratio Lower Upper
45 100
77 15.6 0.0 31.5
79 12.5 0.0 28.7





#17

2-Methylphenol

Concen: 36.048 ng

RT: 6.993 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 562918

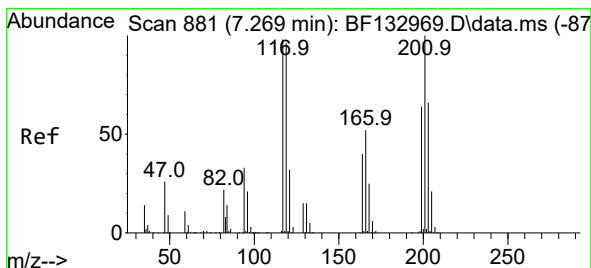
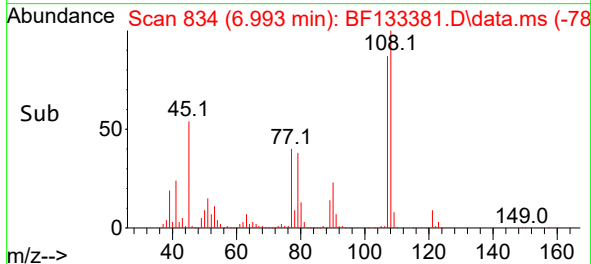
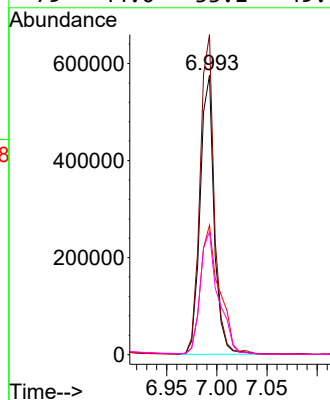
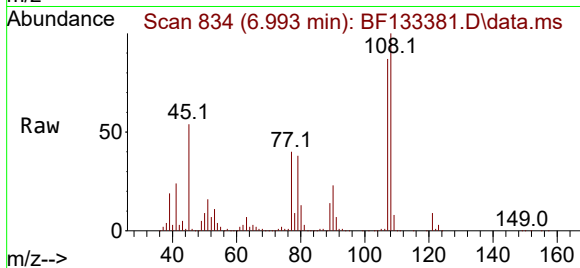
Ion Ratio Lower Upper

107 100

108 114.5 92.4 138.6

77 46.3 33.8 50.8

79 44.0 33.1 49.7



#18

Hexachloroethane

Concen: 37.194 ng

RT: 7.234 min Scan# 875

Delta R.T. 0.000 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

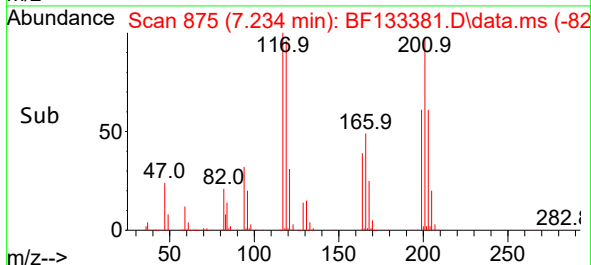
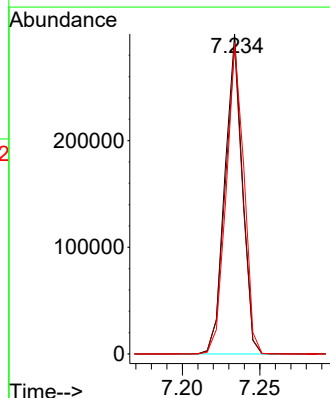
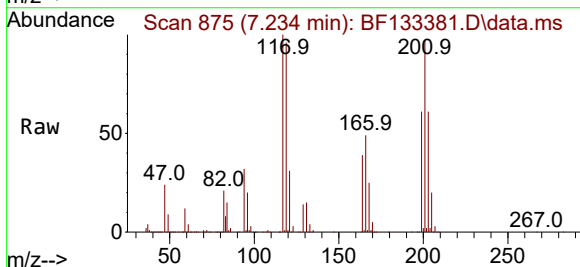
Tgt Ion:117 Resp: 234977

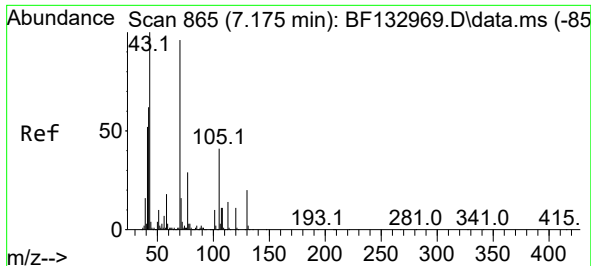
Ion Ratio Lower Upper

117 100

119 96.4 78.2 117.4

201 97.3 81.7 122.5



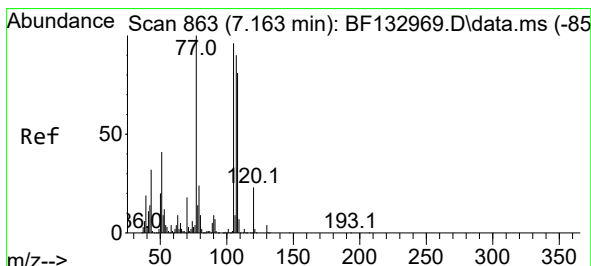
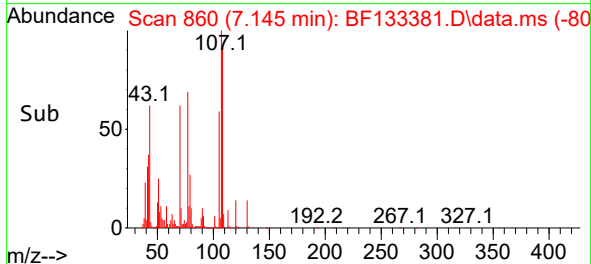
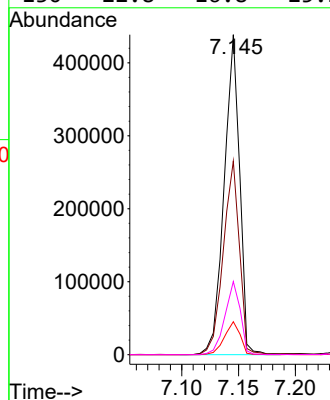
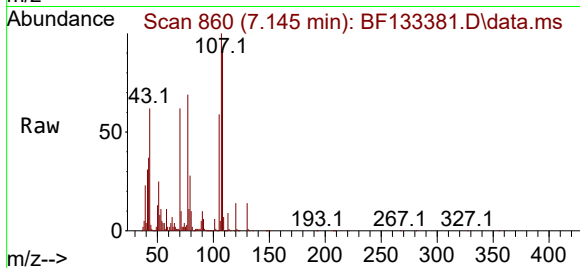


#19
n-Nitroso-di-n-propylamine
Concen: 32.062 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 416119

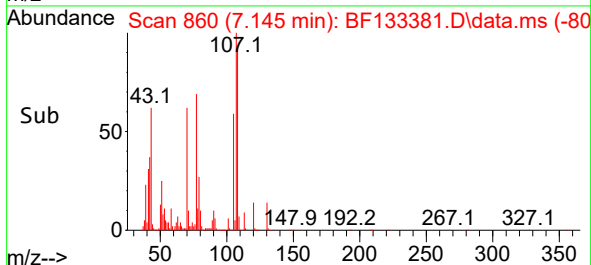
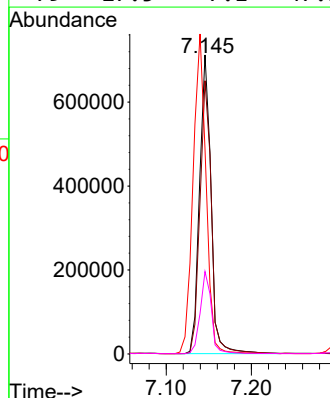
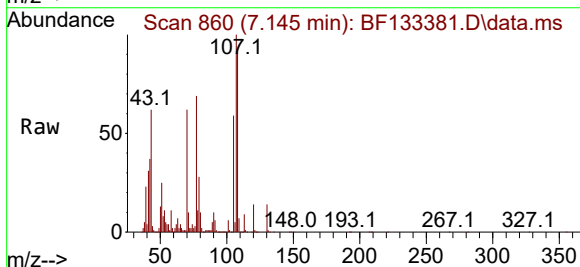
Ion	Ratio	Lower	Upper
70	100		
42	60.5	51.8	77.6
101	10.3	8.0	12.0
130	22.8	16.8	25.2

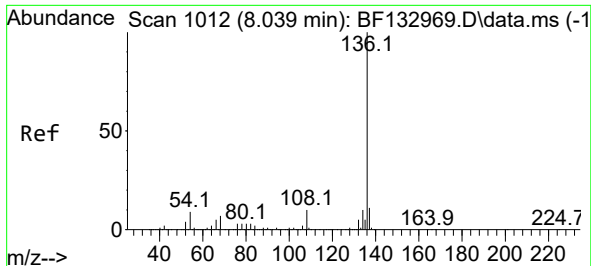


#20
3+4-Methylphenols
Concen: 36.165 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

Tgt Ion: 107 Resp: 665080

Ion	Ratio	Lower	Upper
107	100		
108	91.4	70.5	110.5
77	68.6	91.7	131.7#
79	27.5	7.1	47.1

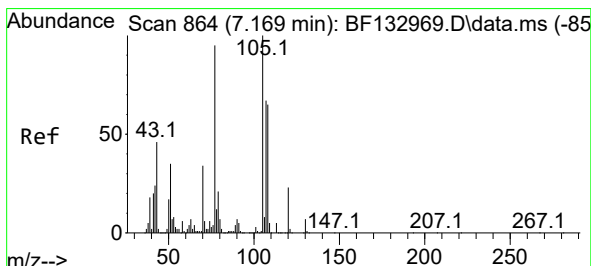
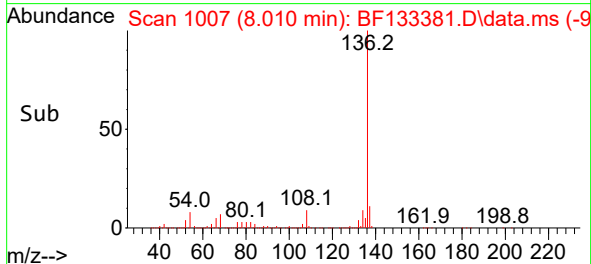
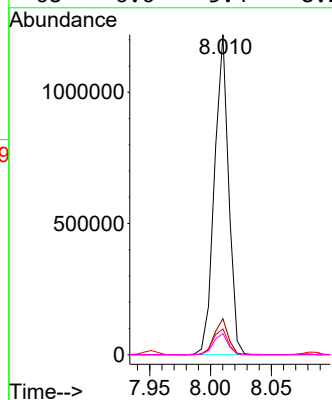
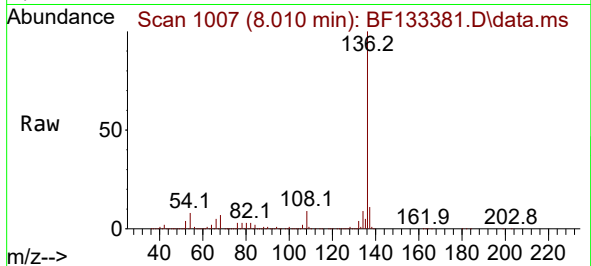




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

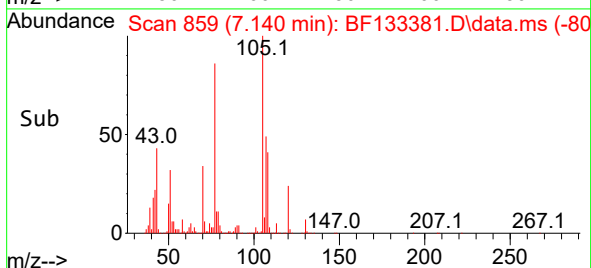
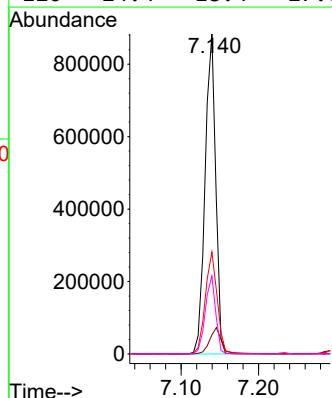
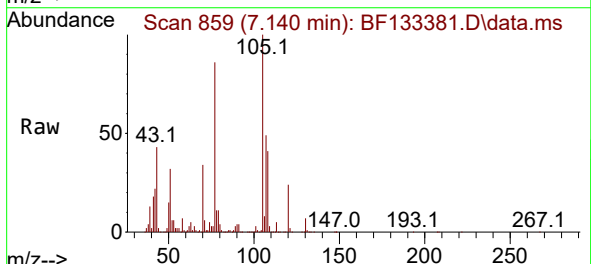
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

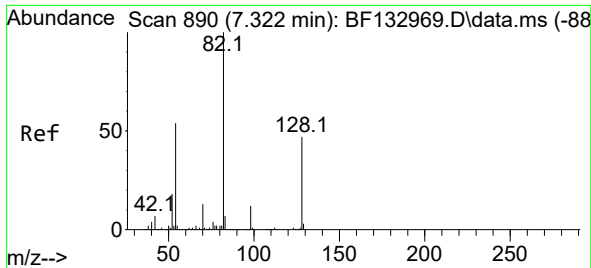
Tgt Ion:136 Resp: 986088
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.0 7.0 10.4
68 6.6 5.4 8.2



#22
Acetophenone
Concen: 37.003 ng
RT: 7.140 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

Tgt Ion:105 Resp: 845228
Ion Ratio Lower Upper
105 100
71 6.0 4.6 7.0
51 31.9 28.2 42.2
120 24.4 18.4 27.6





#23

Nitrobenzene-d5

Concen: 73.612 ng

RT: 7.293 min Scan# 885

Delta R.T. 0.000 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

Instrument :

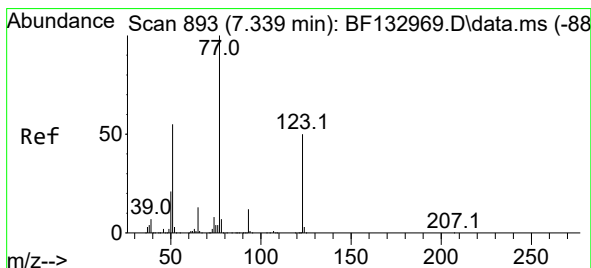
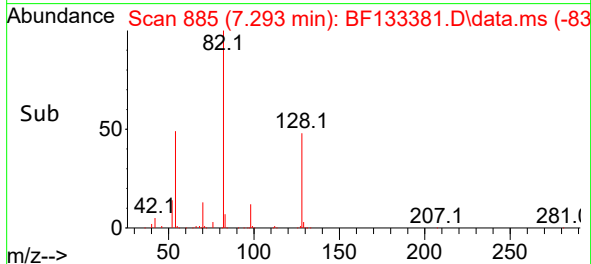
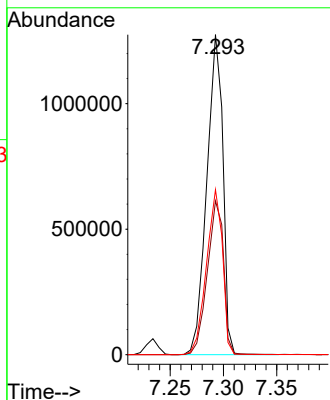
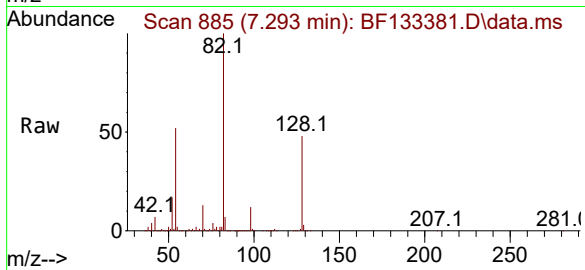
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1344797

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.7	56.5
54	51.5	43.0	64.4



#24

Nitrobenzene

Concen: 36.979 ng

RT: 7.310 min Scan# 888

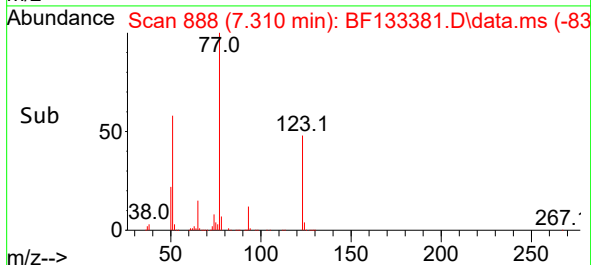
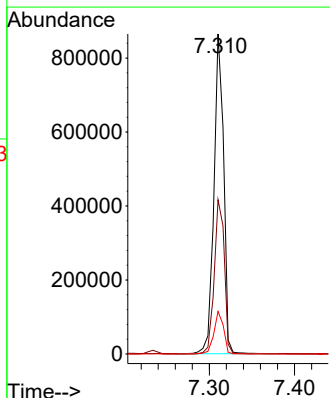
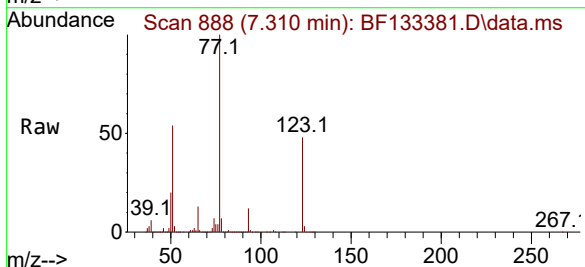
Delta R.T. 0.000 min

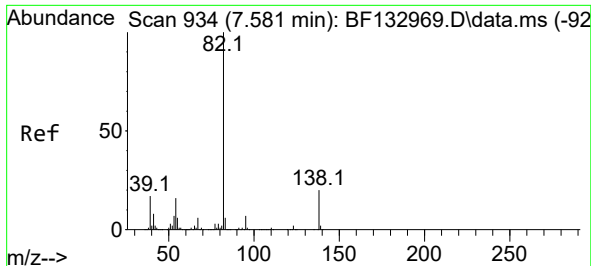
Lab File: BF133381.D

Acq: 15 May 2023 12:25

Tgt Ion: 77 Resp: 684568

Ion	Ratio	Lower	Upper
77	100		
123	48.2	39.9	59.9
65	13.3	10.7	16.1

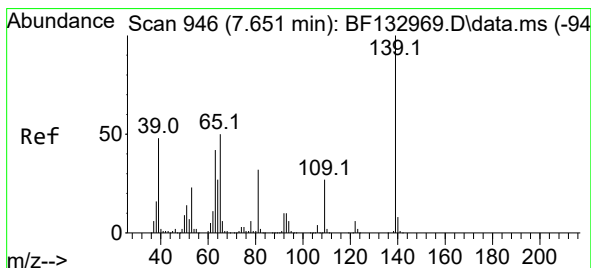
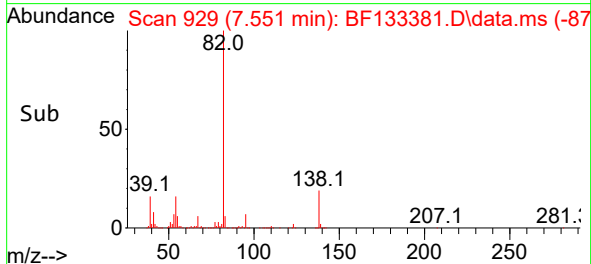
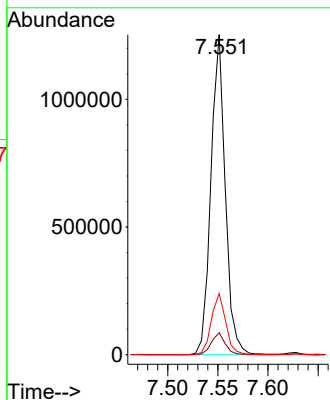
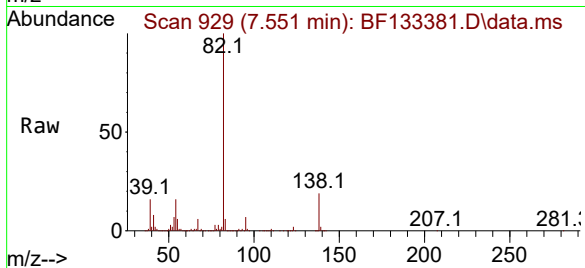




#25
Isophorone
Concen: 35.872 ng
RT: 7.551 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

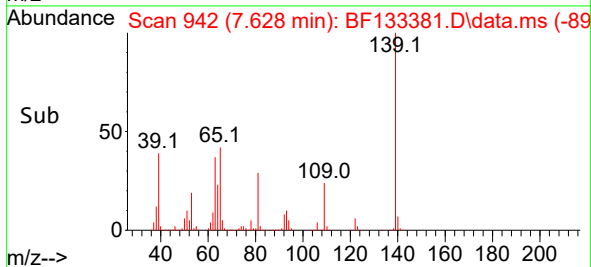
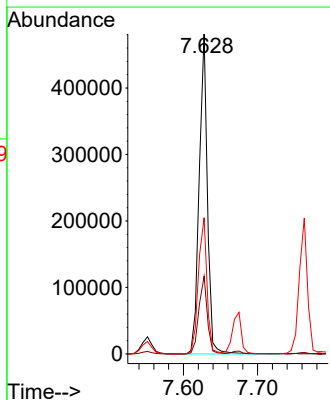
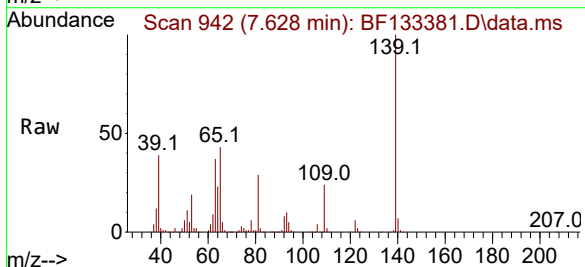
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

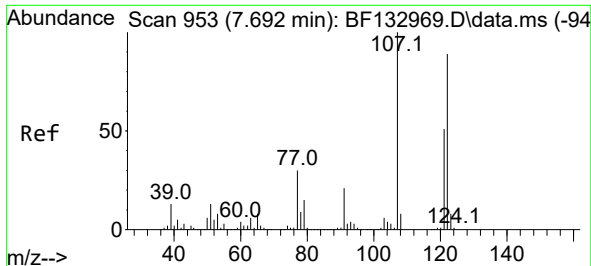
Tgt Ion: 82 Resp: 1244246
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 19.1 16.0 24.0



#26
2-Nitrophenol
Concen: 41.424 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

Tgt Ion:139 Resp: 369871
Ion Ratio Lower Upper
139 100
109 24.3 21.6 32.4
65 42.6 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 37.490 ng

RT: 7.675 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

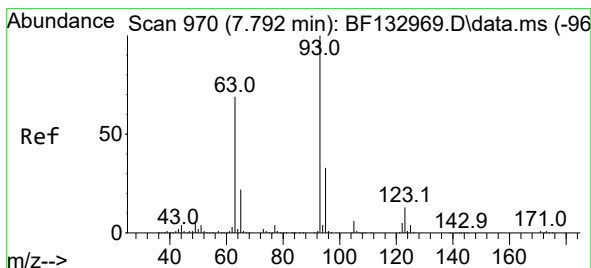
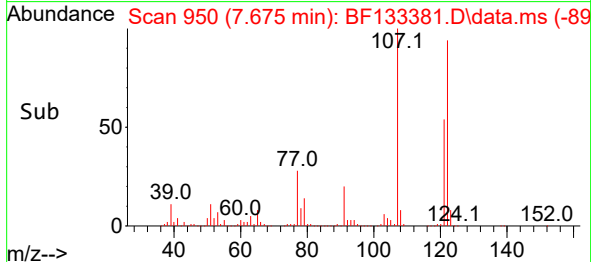
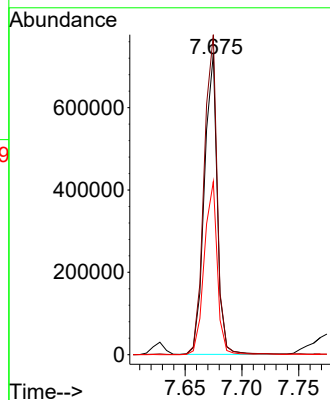
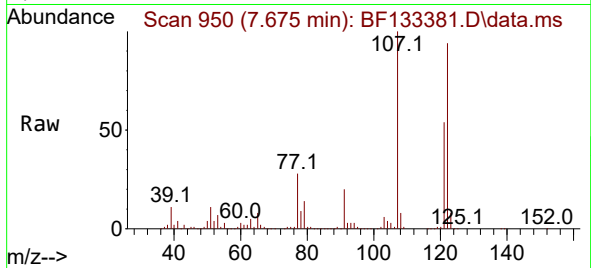
Tgt Ion:122 Resp: 573996

Ion Ratio Lower Upper

122 100

107 106.5 89.7 134.5

121 57.6 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 36.368 ng

RT: 7.763 min Scan# 965

Delta R.T. 0.000 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

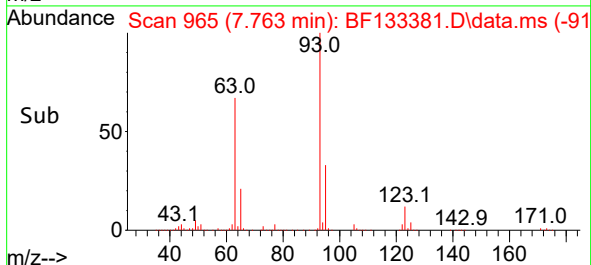
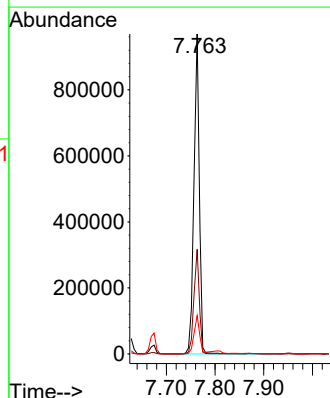
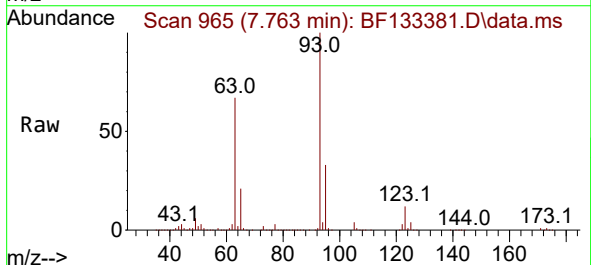
Tgt Ion: 93 Resp: 746259

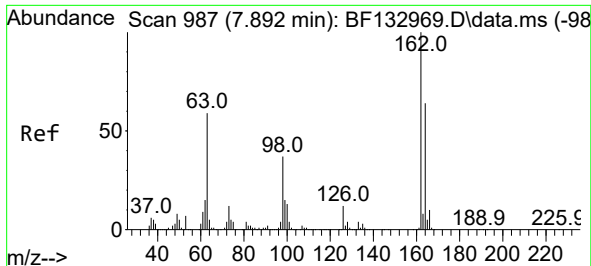
Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

123 12.0 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 38.034 ng

RT: 7.875 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

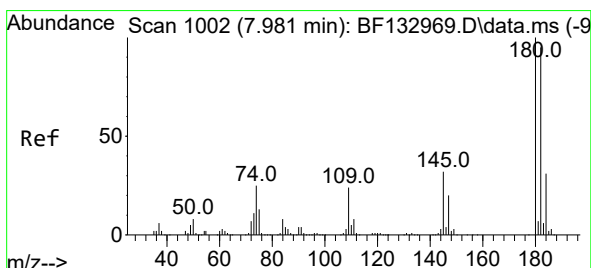
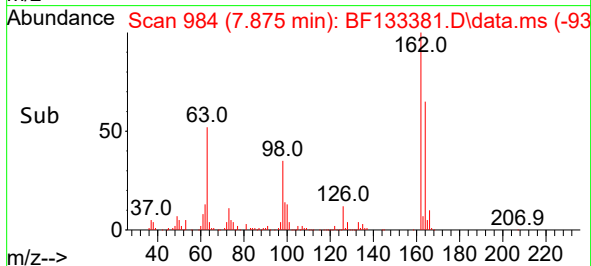
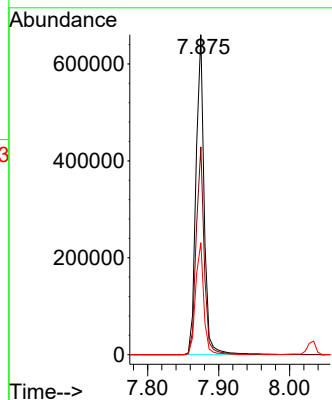
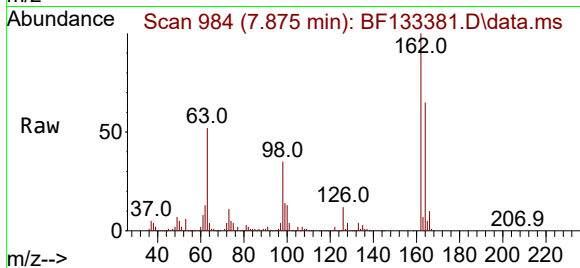
Tgt Ion:162 Resp: 530116

Ion Ratio Lower Upper

162 100

164 65.0 43.9 83.9

98 35.0 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 38.198 ng

RT: 7.951 min Scan# 997

Delta R.T. 0.000 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

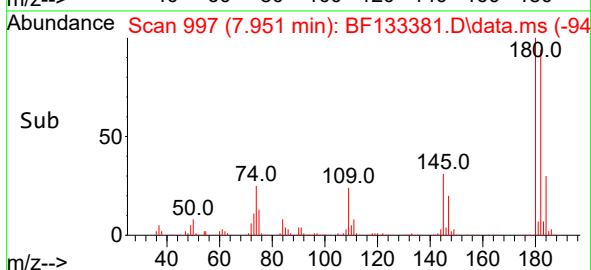
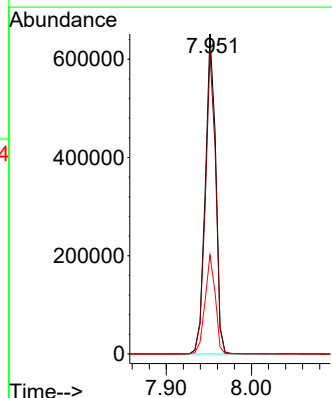
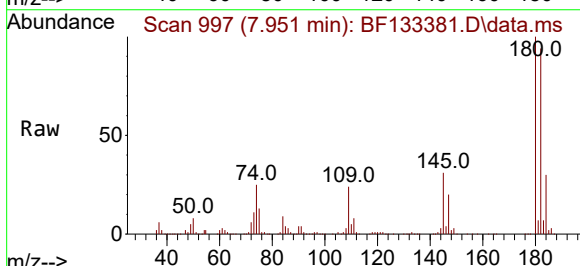
Tgt Ion:180 Resp: 551570

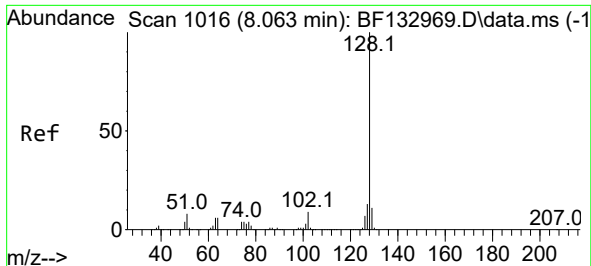
Ion Ratio Lower Upper

180 100

182 94.3 75.9 113.9

145 31.0 25.3 37.9

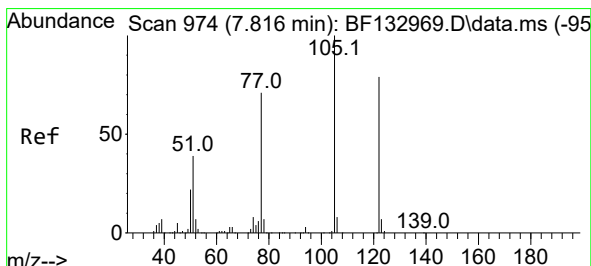
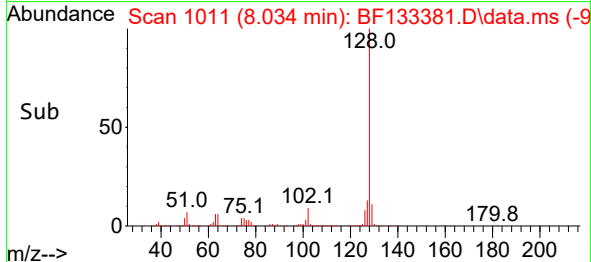
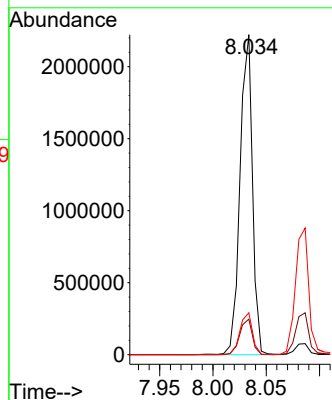
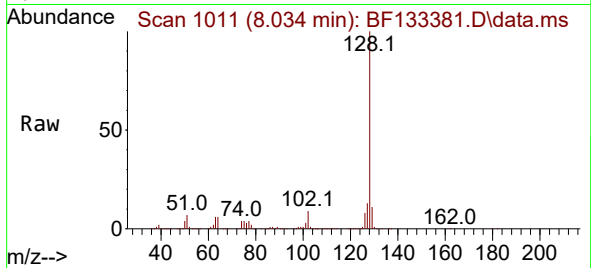




#31
Naphthalene
Concen: 36.753 ng
RT: 8.034 min Scan# 1016
Delta R.T. 0.006 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

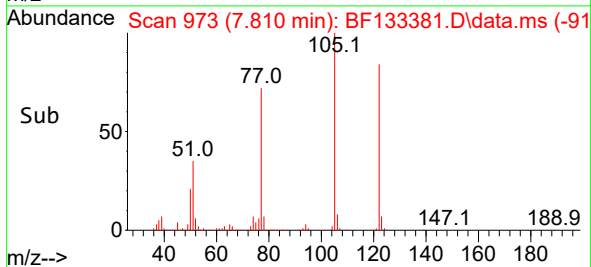
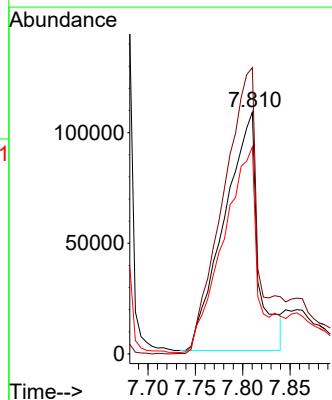
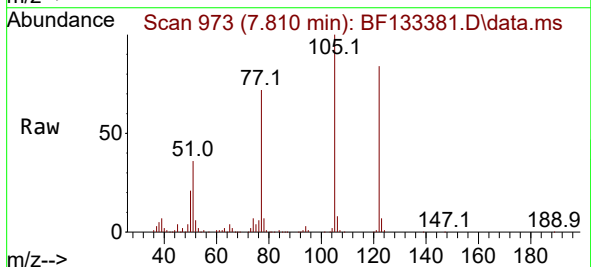
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

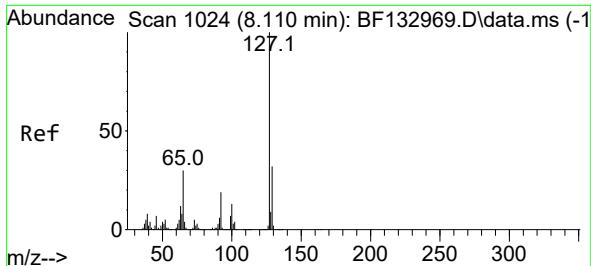
Tgt Ion:128 Resp: 1811987
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 28.437 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.018 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

Tgt Ion:122 Resp: 268938
Ion Ratio Lower Upper
122 100
105 118.5 104.2 144.2
77 85.7 69.7 109.7

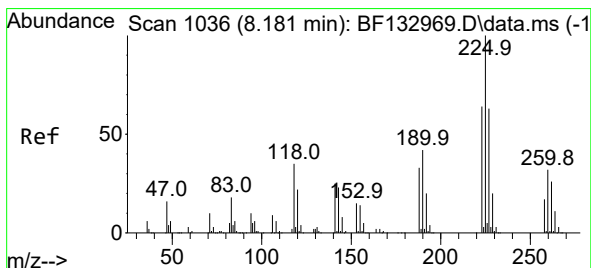
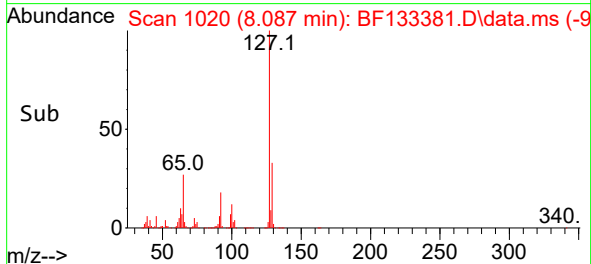
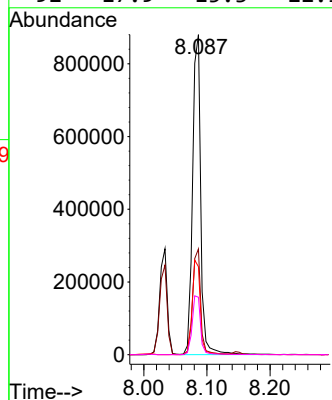
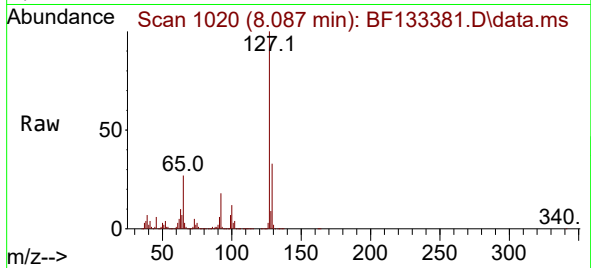




#33
4-Chloroaniline
Concen: 39.911 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

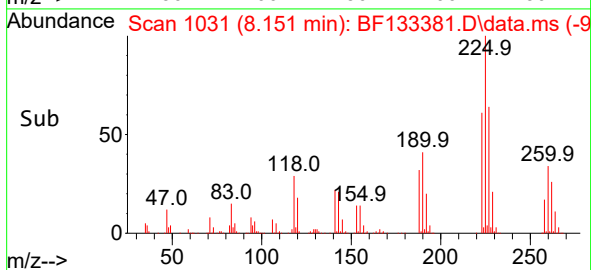
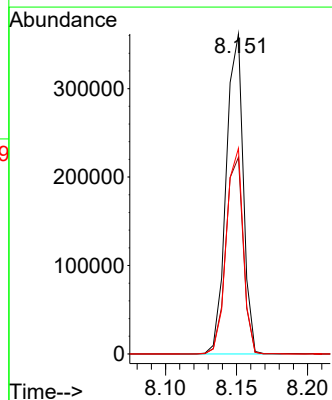
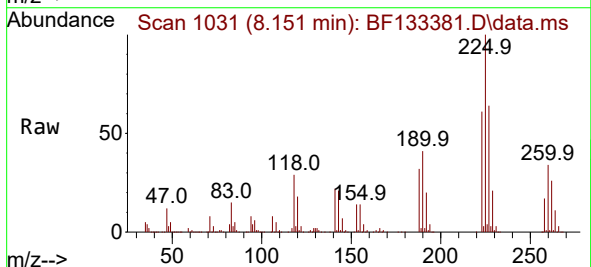
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

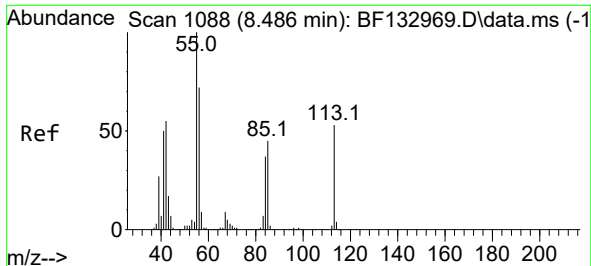
Tgt Ion:	127	Resp:	795009
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.8	38.8
65	27.5	23.6	35.4
92	17.9	15.3	22.9



#34
Hexachlorobutadiene
Concen: 37.644 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

Tgt Ion:	225	Resp:	301270
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.9	76.3
227	64.3	50.3	75.5

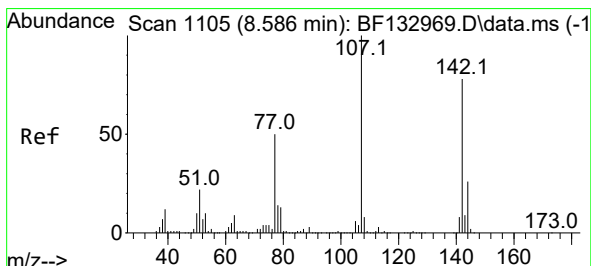
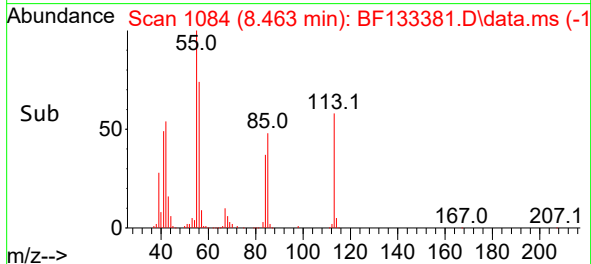
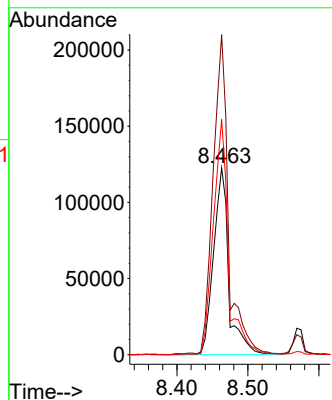
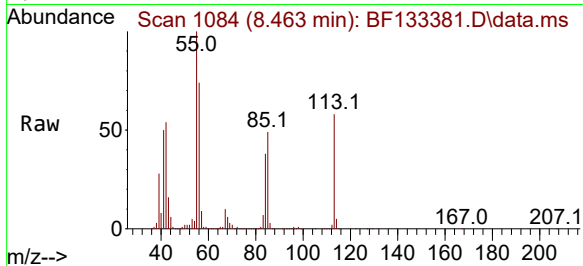




#35
 Caprolactam
 Concen: 38.850 ng
 RT: 8.463 min Scan# 1102
 Delta R.T. 0.006 min
 Lab File: BF133381.D
 Acq: 15 May 2023 12:25

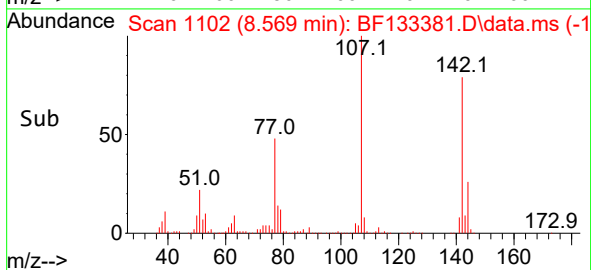
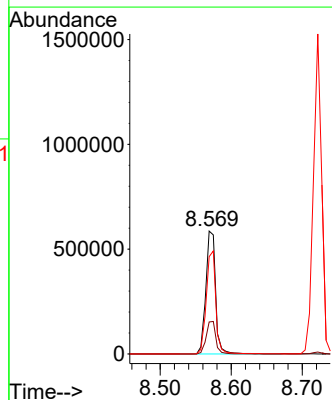
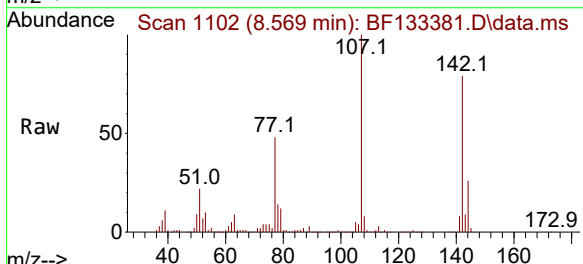
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

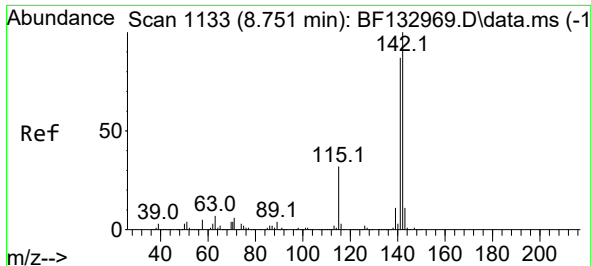
Tgt Ion:113 Resp: 181907
 Ion Ratio Lower Upper
 113 100
 55 171.3 167.1 207.1
 56 126.0 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 37.480 ng
 RT: 8.569 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: BF133381.D
 Acq: 15 May 2023 12:25

Tgt Ion:107 Resp: 563335
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.6 30.8
 142 79.2 62.8 94.2





#37

2-Methylnaphthalene

Concen: 36.779 ng

RT: 8.722 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

Instrument :

BNA_F

ClientSampleId :

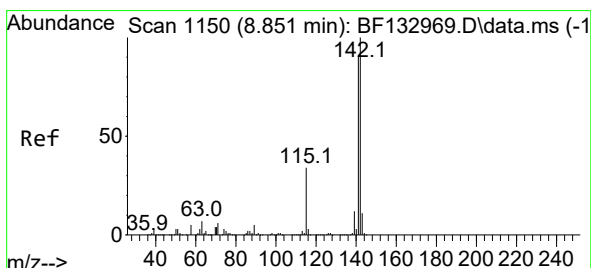
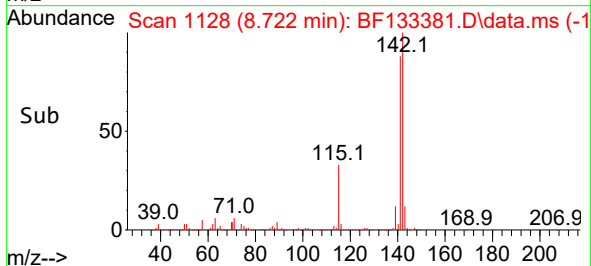
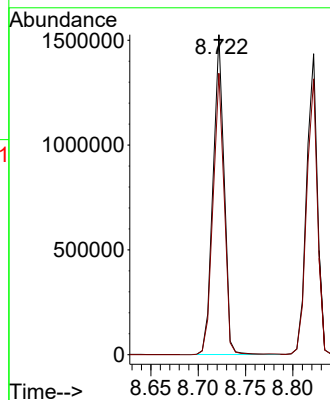
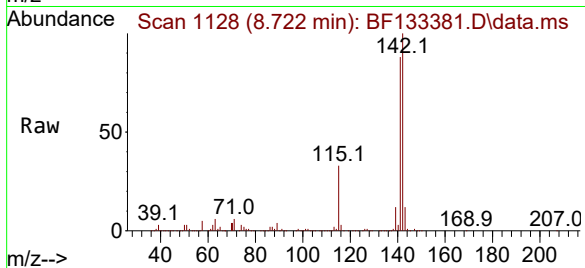
SSTDCCC040

Tgt Ion:142 Resp: 1239689

Ion Ratio Lower Upper

142 100

141 88.0 69.4 104.0



#38

1-Methylnaphthalene

Concen: 36.444 ng

RT: 8.822 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF133381.D

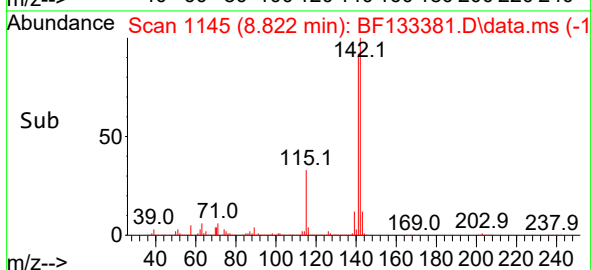
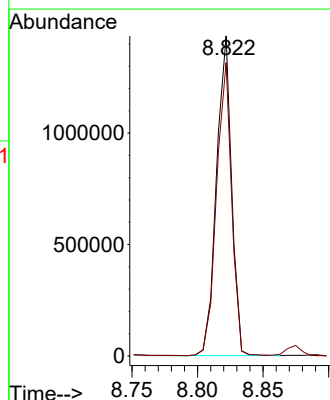
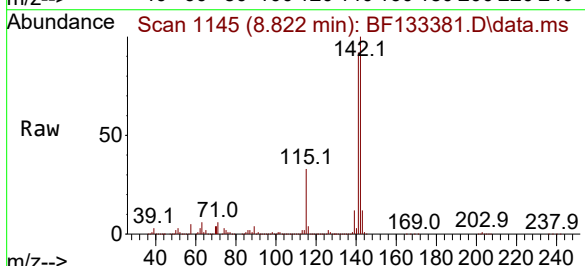
Acq: 15 May 2023 12:25

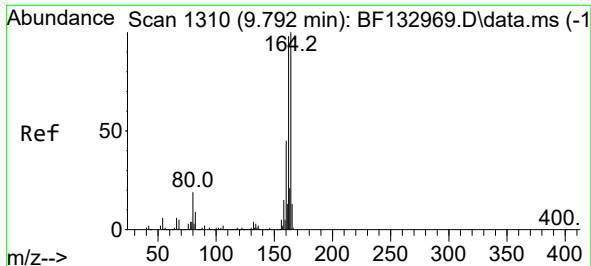
Tgt Ion:142 Resp: 1149138

Ion Ratio Lower Upper

142 100

141 91.7 73.1 109.7

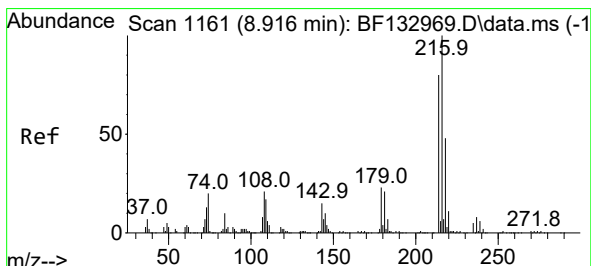
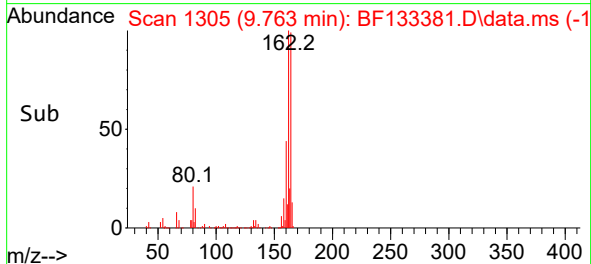
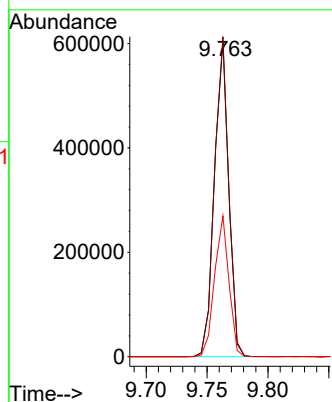
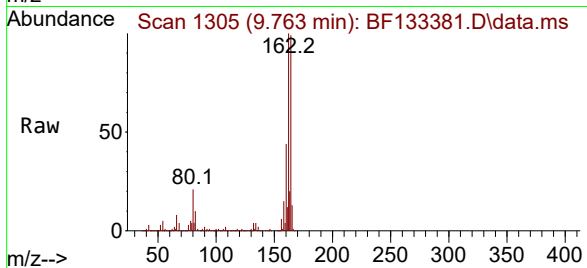




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

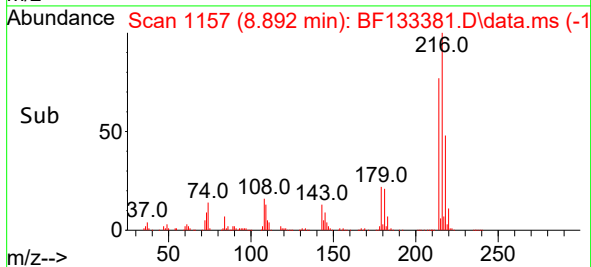
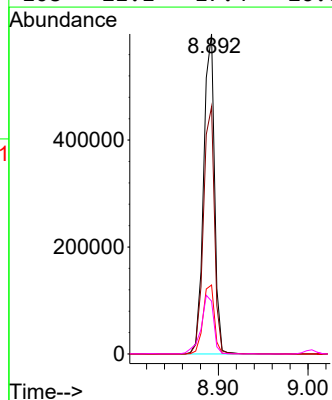
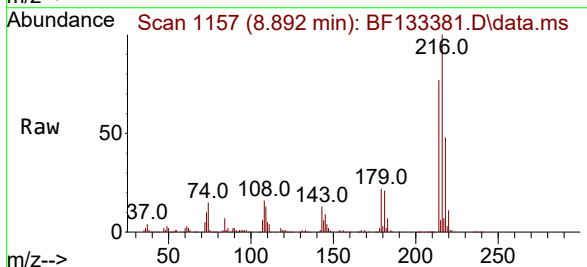
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

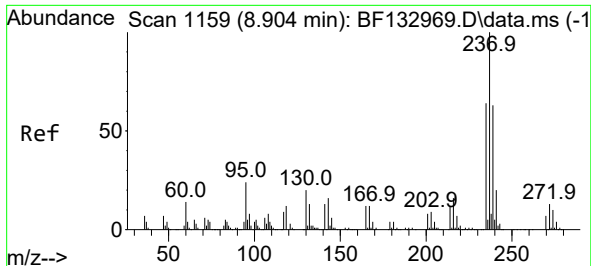
Tgt Ion:164 Resp: 494130
Ion Ratio Lower Upper
164 100
162 101.4 78.7 118.1
160 44.6 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.977 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

Tgt Ion:216 Resp: 504548
Ion Ratio Lower Upper
216 100
214 78.5 63.5 95.3
179 22.4 17.4 26.2
108 21.1 17.4 26.0

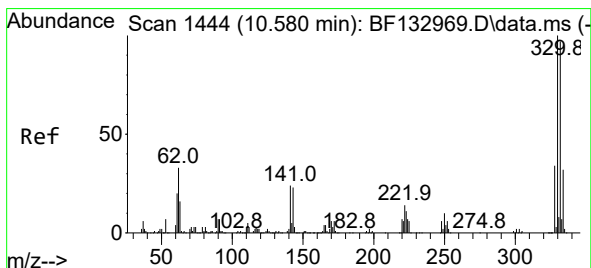
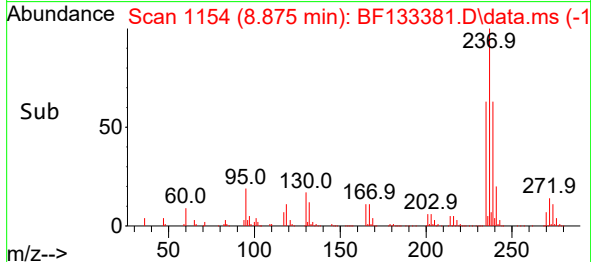
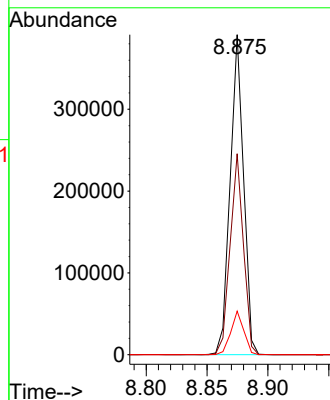
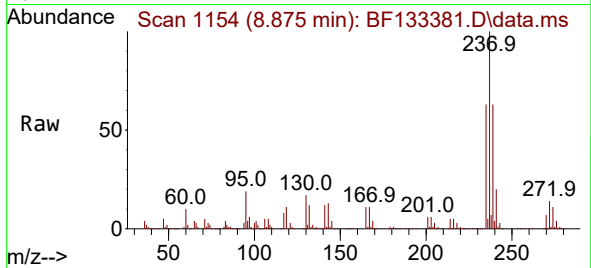




#41
Hexachlorocyclopentadiene
Concen: 38.856 ng
RT: 8.875 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

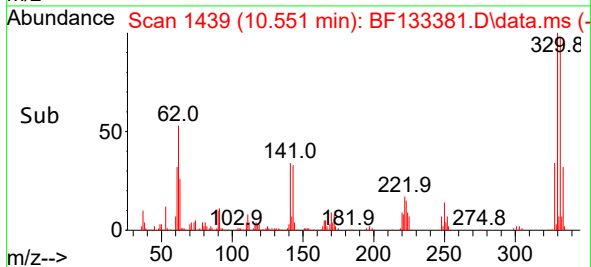
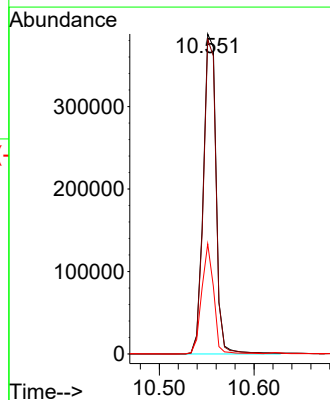
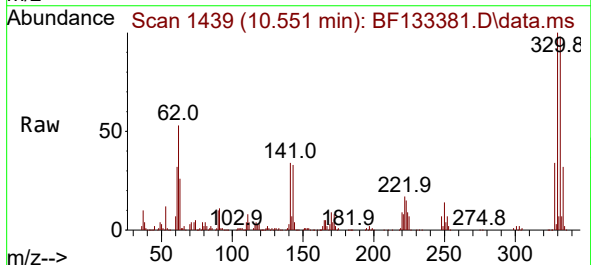
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

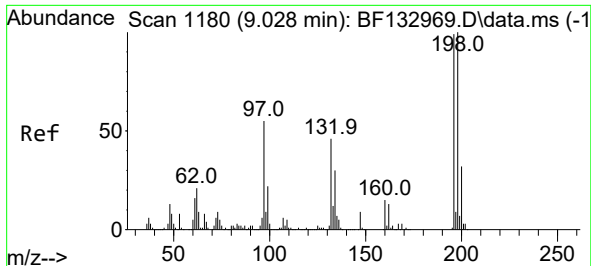
Tgt Ion:237 Resp: 301068
Ion Ratio Lower Upper
237 100
235 62.8 43.5 83.5
272 13.6 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 73.118 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

Tgt Ion:330 Resp: 363352
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 32.4 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 38.132 ng

RT: 9.004 min Scan# 1176

Delta R.T. 0.006 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

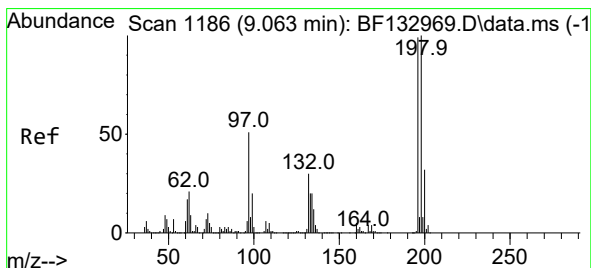
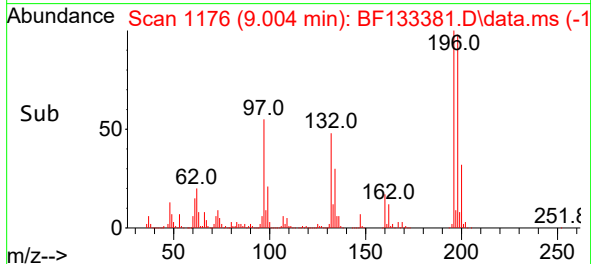
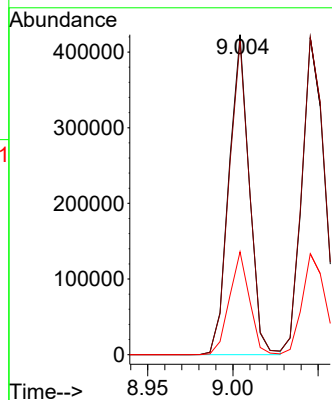
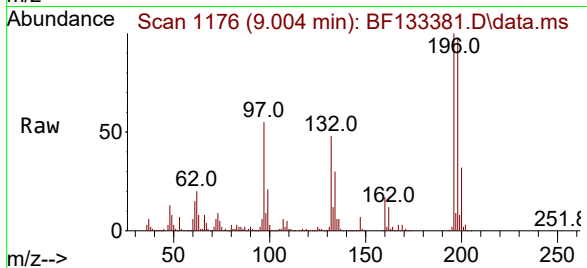
Tgt Ion:196 Resp: 350356

Ion Ratio Lower Upper

196 100

198 98.0 81.0 121.6

200 32.2 26.1 39.1



#44

2,4,5-Trichlorophenol

Concen: 38.138 ng

RT: 9.045 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

Tgt Ion:196 Resp: 405261

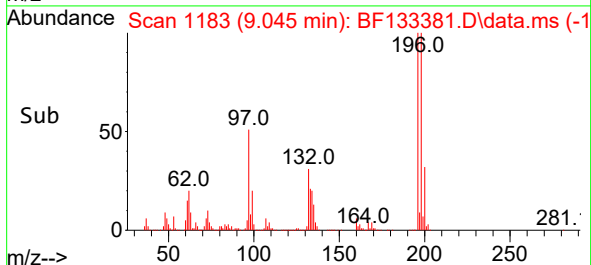
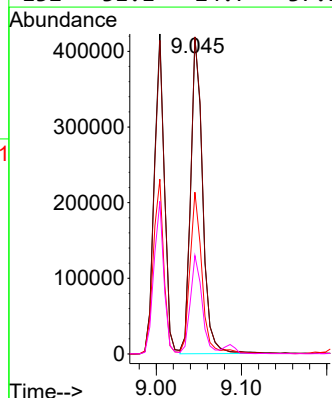
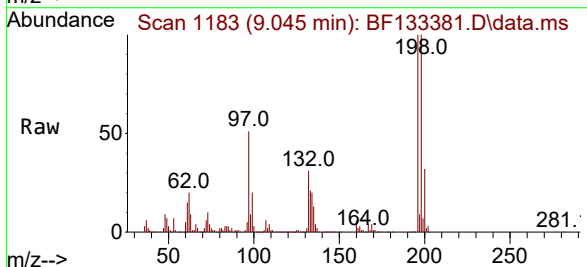
Ion Ratio Lower Upper

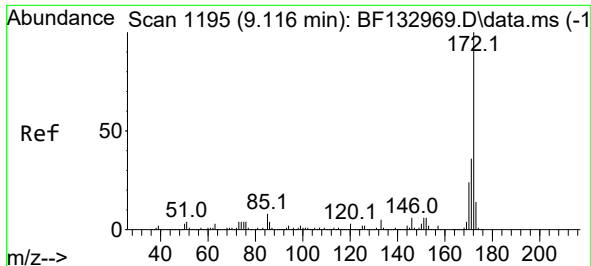
196 100

198 100.1 80.9 121.3

97 51.1 41.3 61.9

132 31.1 24.7 37.1

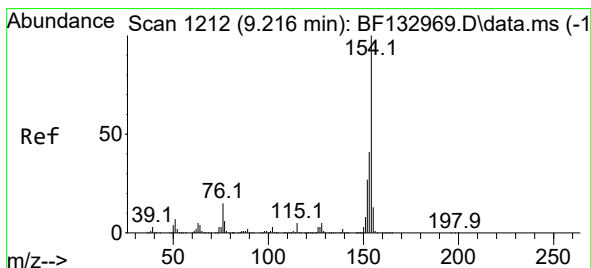
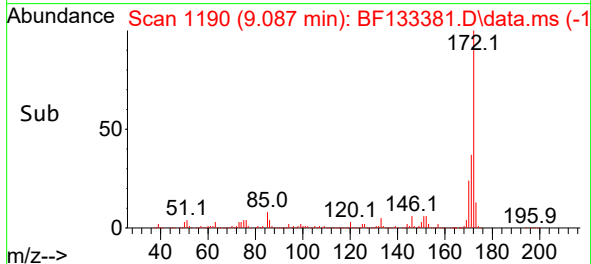
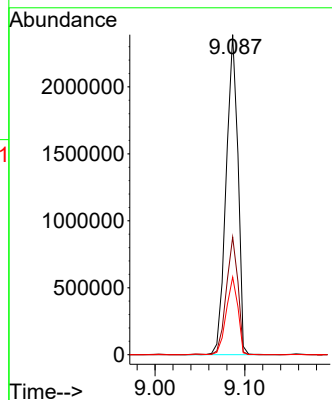
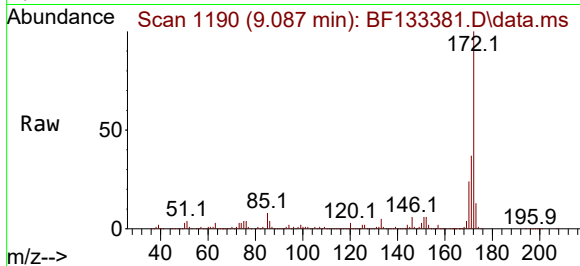




#45
2-Fluorobiphenyl
Concen: 73.708 ng
RT: 9.087 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

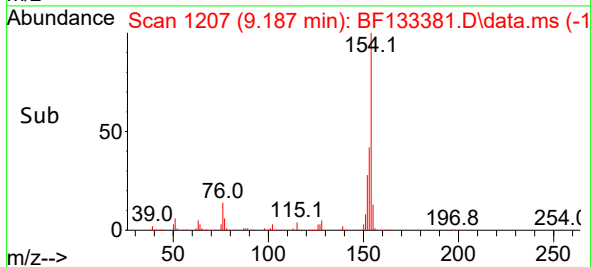
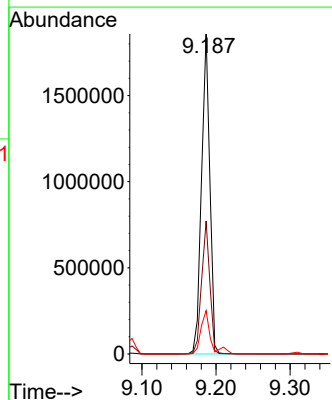
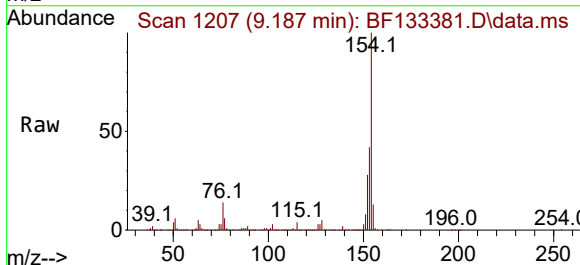
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

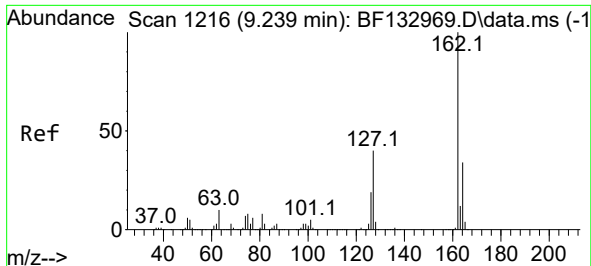
Tgt Ion:172 Resp: 2177023
Ion Ratio Lower Upper
172 100
171 36.7 28.8 43.2
170 24.2 19.4 29.2



#46
1,1'-Biphenyl
Concen: 36.736 ng
RT: 9.187 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

Tgt Ion:154 Resp: 1439394
Ion Ratio Lower Upper
154 100
153 41.5 21.0 61.0
76 13.5 0.0 34.5

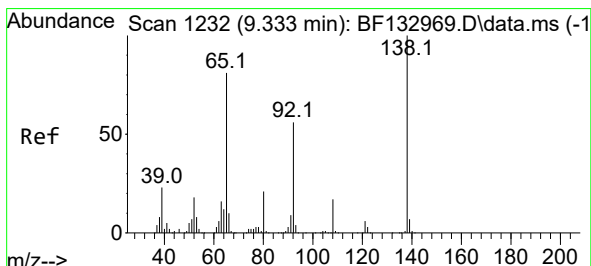
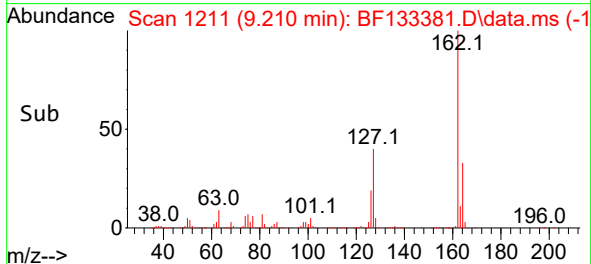
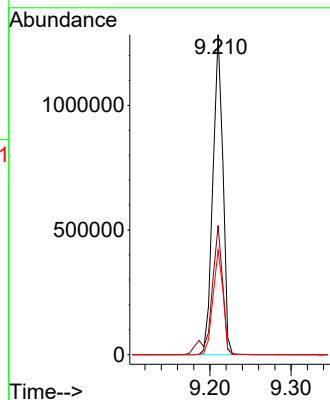
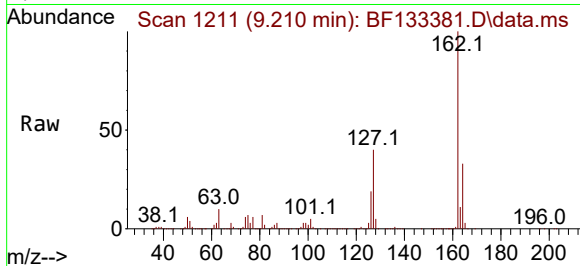




#47
2-Chloronaphthalene
Concen: 38.258 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

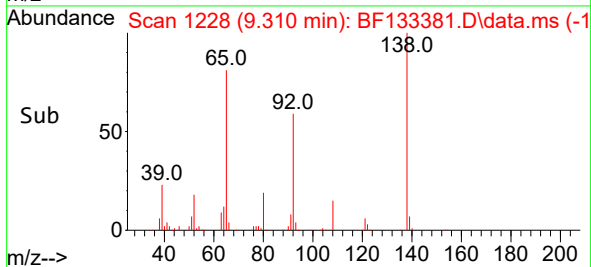
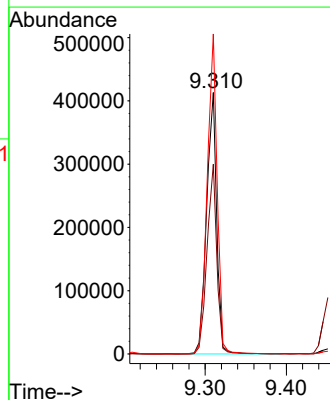
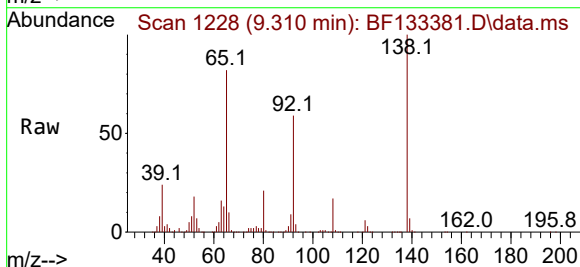
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

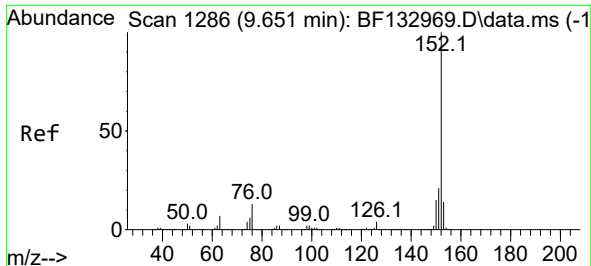
Tgt Ion:162 Resp: 1097197
Ion Ratio Lower Upper
162 100
127 40.4 32.3 48.5
164 32.7 26.8 40.2



#48
2-Nitroaniline
Concen: 37.753 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.006 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

Tgt Ion: 65 Resp: 357834
Ion Ratio Lower Upper
65 100
92 72.6 55.4 83.0
138 122.4 98.2 147.2





#49

Acenaphthylene

Concen: 37.333 ng

RT: 9.622 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

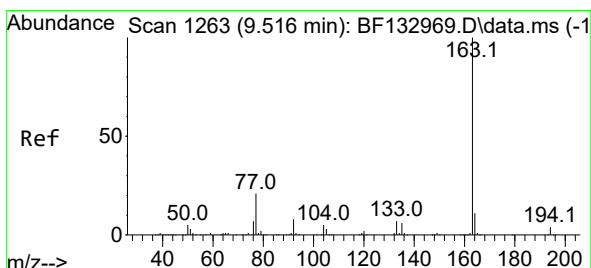
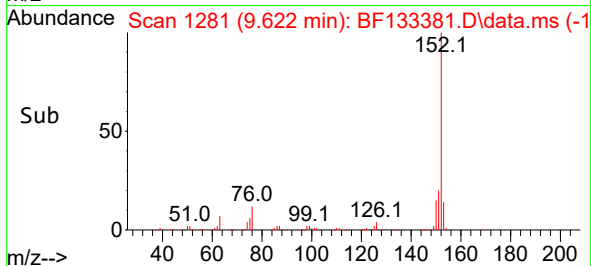
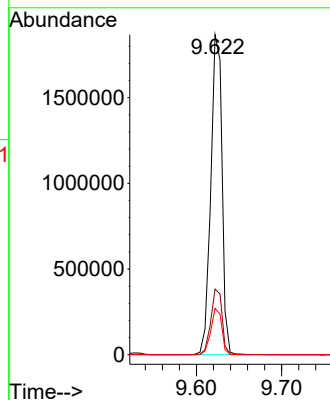
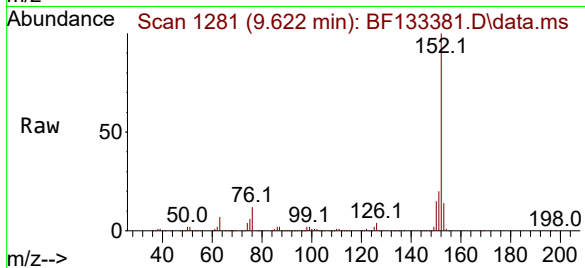
Tgt Ion:152 Resp: 1710779

Ion Ratio Lower Upper

152 100

151 20.5 16.6 24.8

153 14.5 11.5 17.3



#50

Dimethylphthalate

Concen: 38.451 ng

RT: 9.492 min Scan# 1259

Delta R.T. 0.006 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

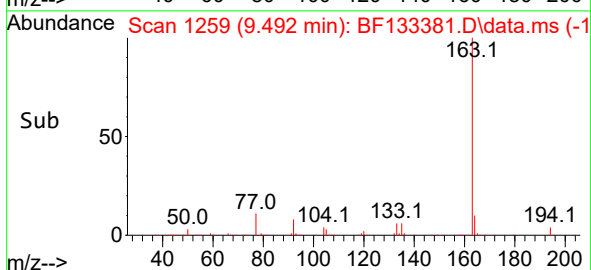
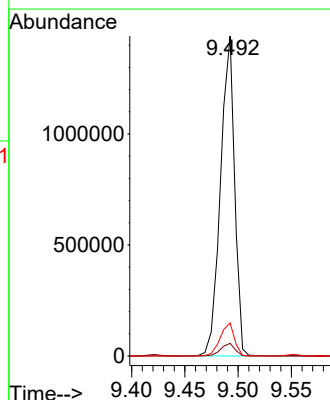
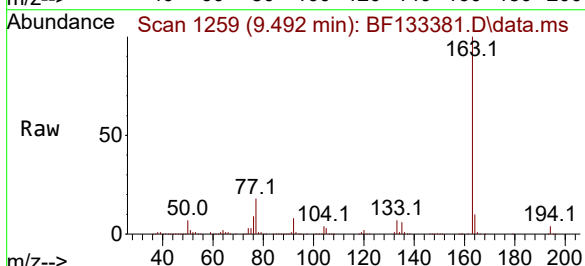
Tgt Ion:163 Resp: 1324827

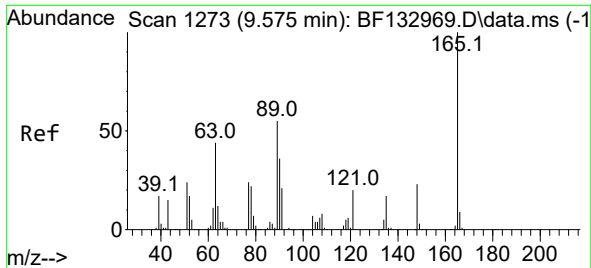
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.3 8.5 12.7

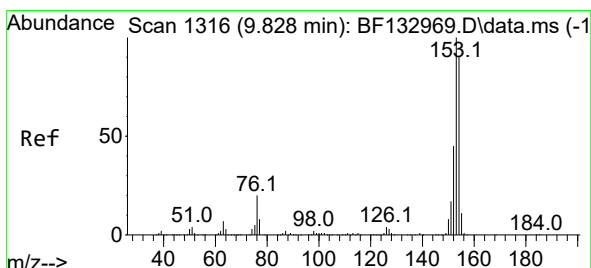
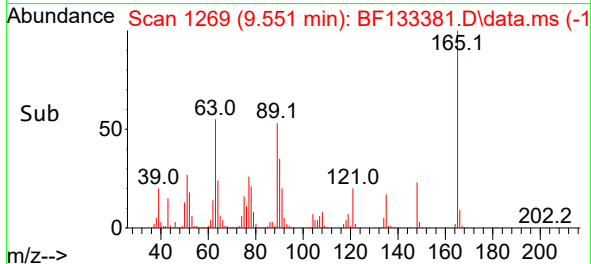
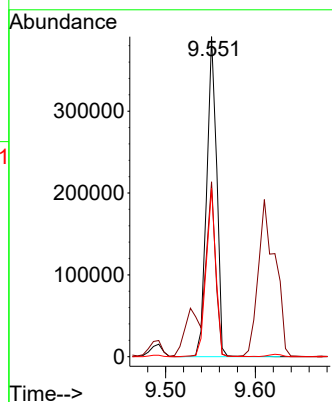
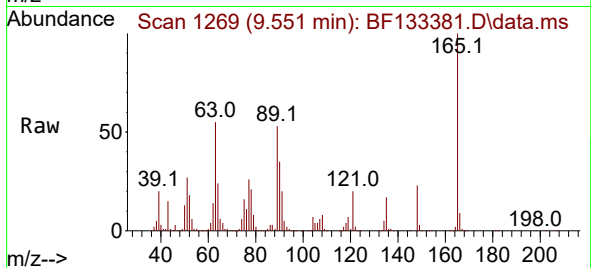




#51
2,6-Dinitrotoluene
Concen: 39.058 ng
RT: 9.551 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

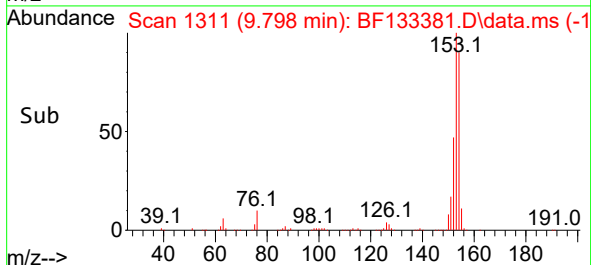
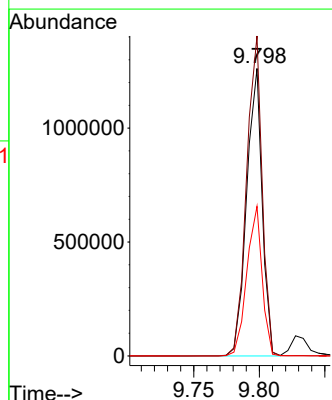
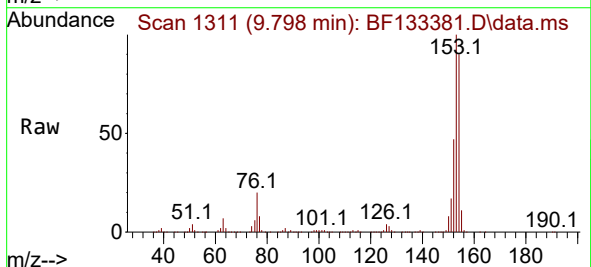
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

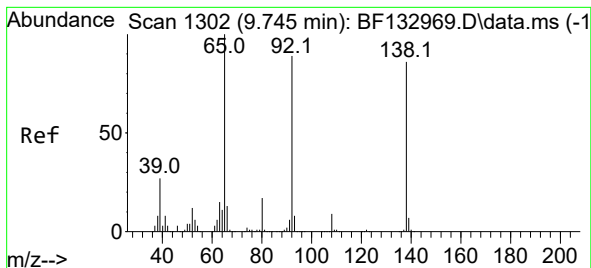
Tgt Ion:165 Resp: 302886
Ion Ratio Lower Upper
165 100
63 54.7 45.9 68.9
89 52.7 44.0 66.0



#52
Acenaphthene
Concen: 34.001 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

Tgt Ion:154 Resp: 1043521
Ion Ratio Lower Upper
154 100
153 111.3 89.0 133.6
152 52.0 40.4 60.6





#53

3-Nitroaniline

Concen: 38.840 ng

RT: 9.722 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

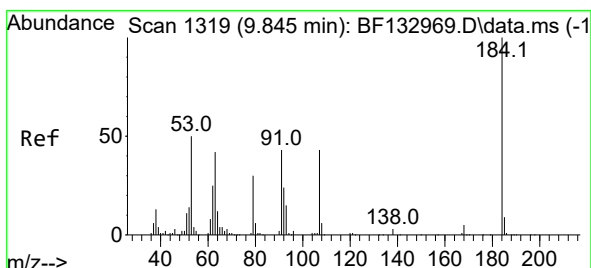
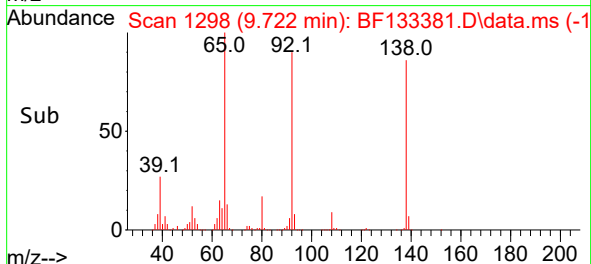
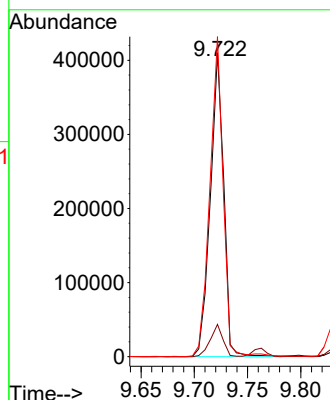
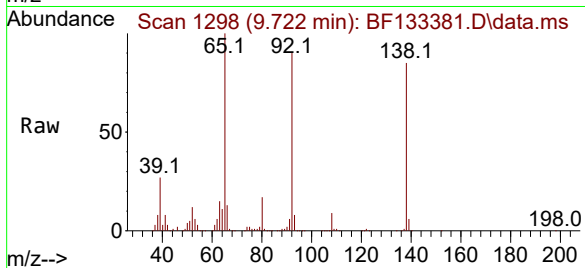
Tgt Ion:138 Resp: 358129

Ion Ratio Lower Upper

138 100

108 10.6 8.0 12.0

92 105.3 83.6 125.4



#54

2,4-Dinitrophenol

Concen: 36.905 ng

RT: 9.828 min Scan# 1316

Delta R.T. 0.006 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

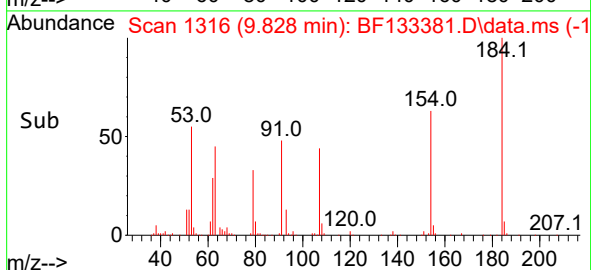
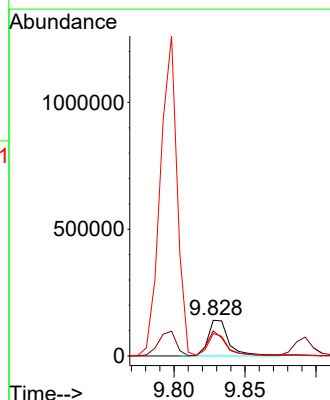
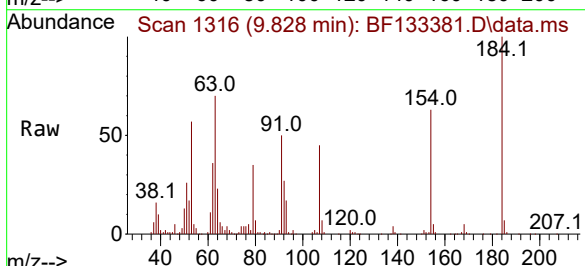
Tgt Ion:184 Resp: 143853

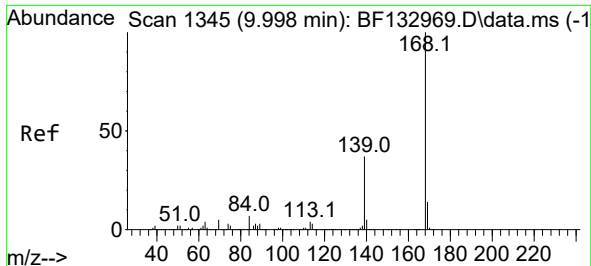
Ion Ratio Lower Upper

184 100

63 70.2 49.8 74.8

154 62.9 49.5 74.3





#55

Dibenzenofuran

Concen: 36.162 ng

RT: 9.969 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

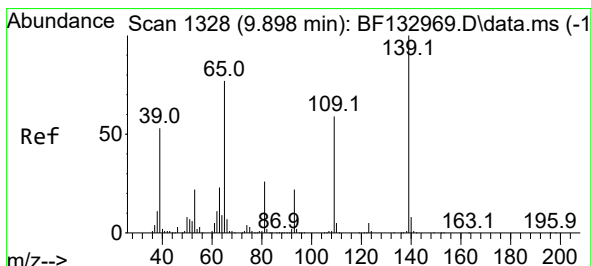
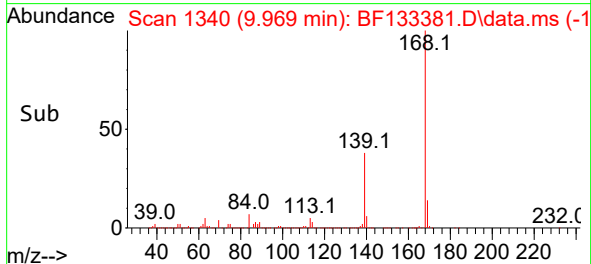
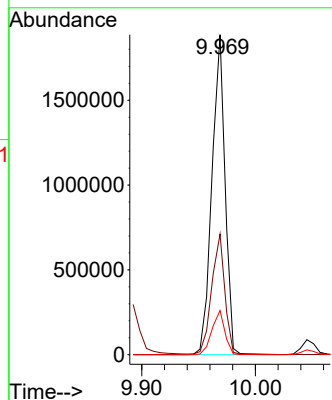
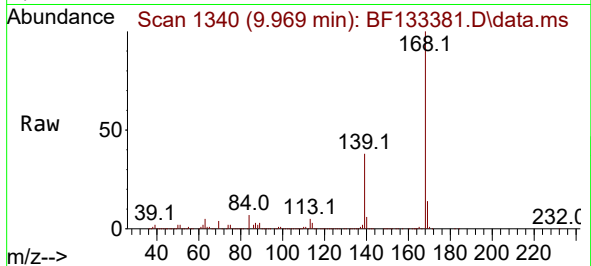
Tgt Ion:168 Resp: 1513940

Ion Ratio Lower Upper

168 100

139 37.7 29.8 44.8

169 13.8 10.8 16.2



#56

4-Nitrophenol

Concen: 36.549 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.006 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

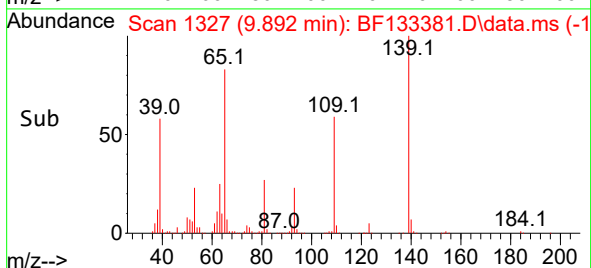
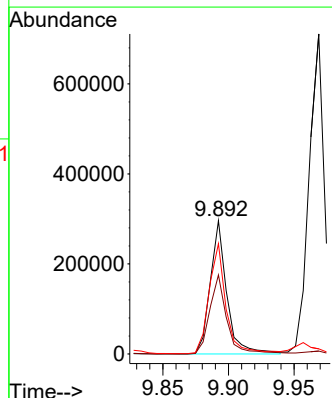
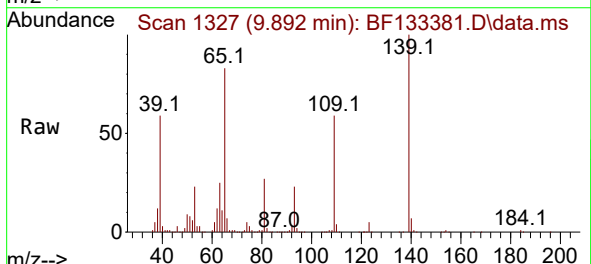
Tgt Ion:139 Resp: 261016

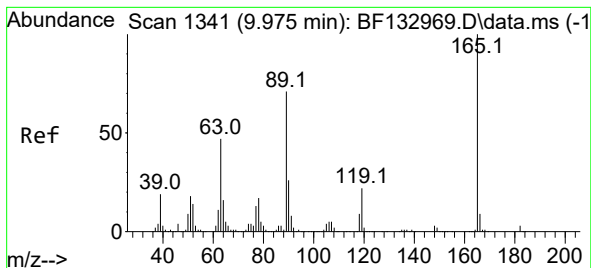
Ion Ratio Lower Upper

139 100

109 59.3 39.4 79.4

65 82.8 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 38.668 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.006 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 382415

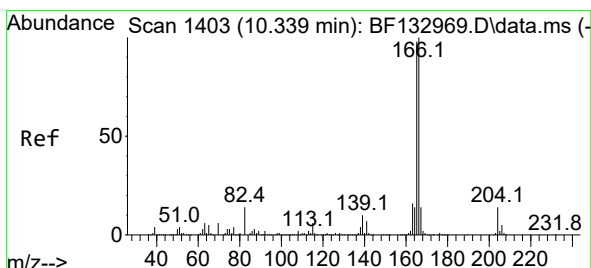
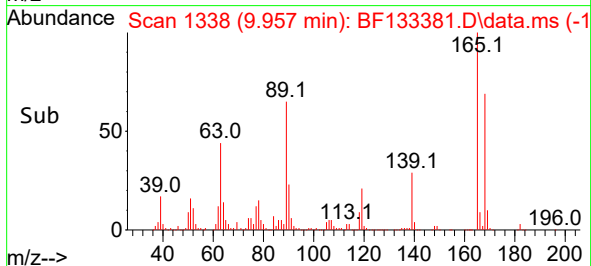
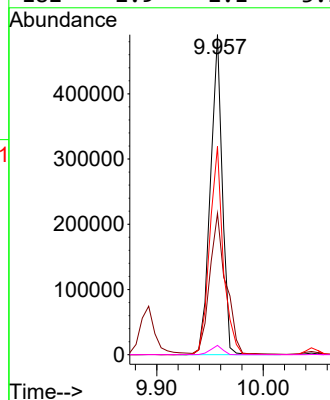
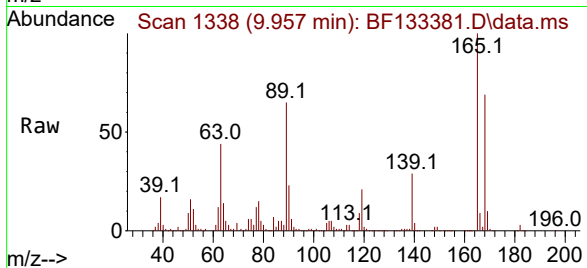
Ion Ratio Lower Upper

165 100

63 44.2 37.7 56.5

89 65.1 57.0 85.4

182 2.9 2.1 3.1



#58

Fluorene

Concen: 36.979 ng

RT: 10.310 min Scan# 1398

Delta R.T. 0.000 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

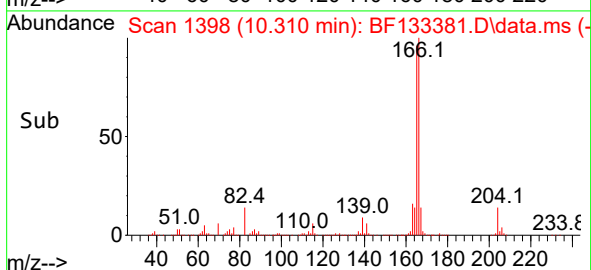
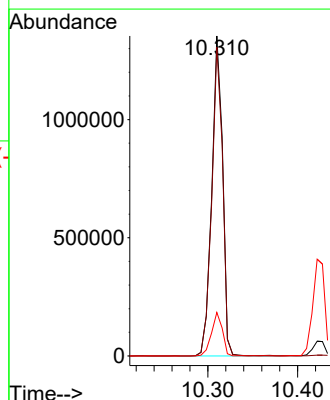
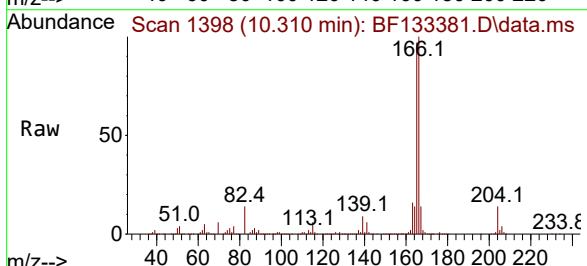
Tgt Ion:166 Resp: 1134243

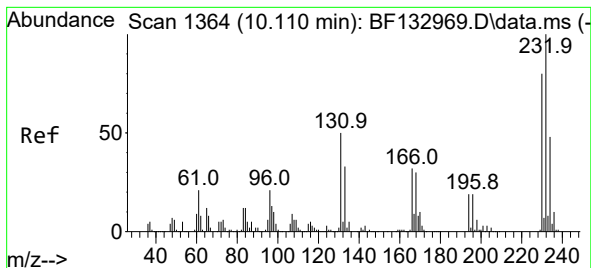
Ion Ratio Lower Upper

166 100

165 96.5 78.6 117.8

167 13.6 11.0 16.4

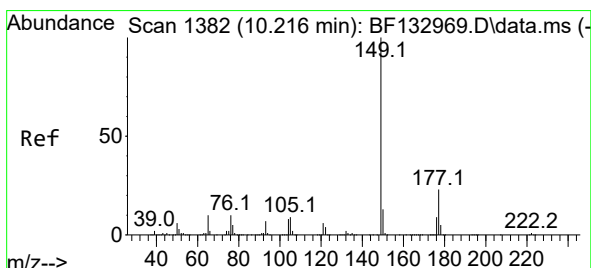
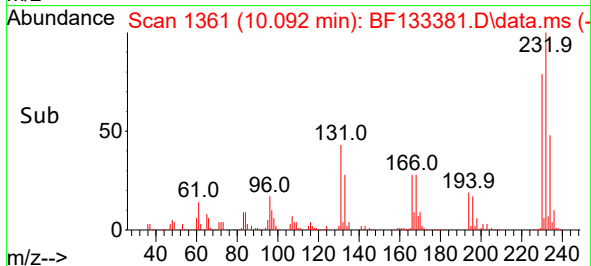
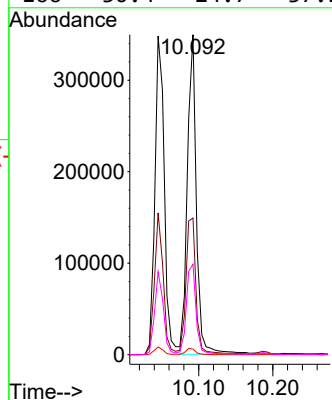
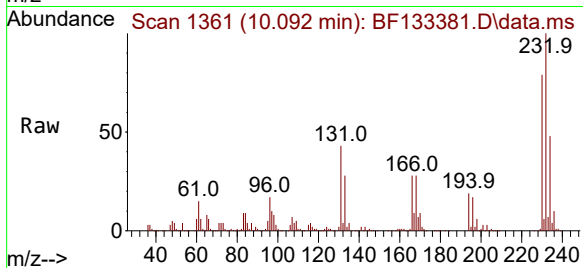




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.006 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

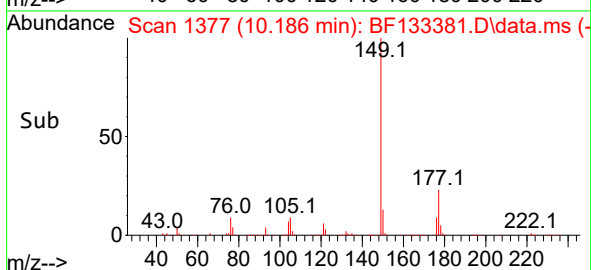
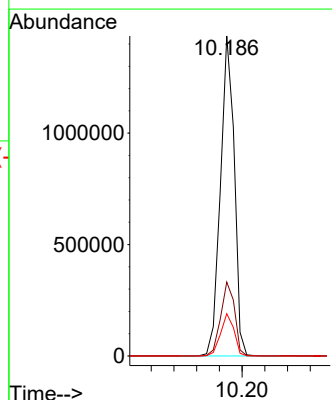
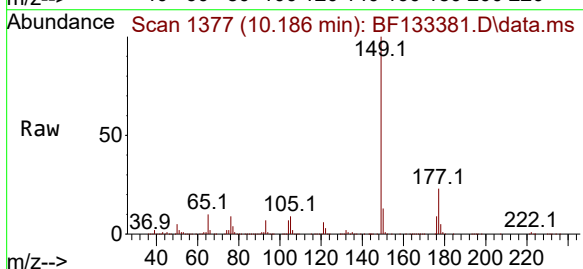
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

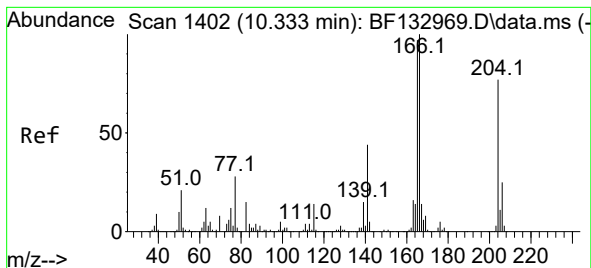
Tgt Ion:232 Resp: 296619
Ion Ratio Lower Upper
232 100
131 47.7 38.0 57.0
130 2.3 1.8 2.8
166 30.4 24.7 37.1



#60
Diethylphthalate
Concen: 37.410 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

Tgt Ion:149 Resp: 1217496
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.4
150 13.2 10.2 15.4

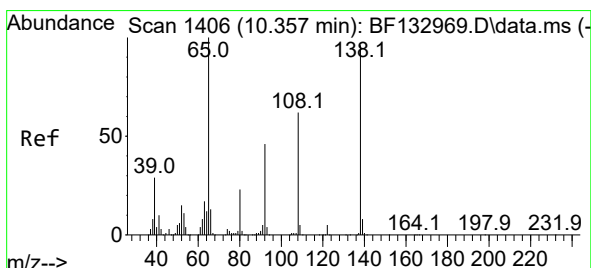
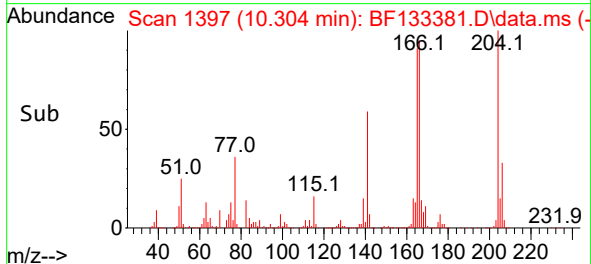
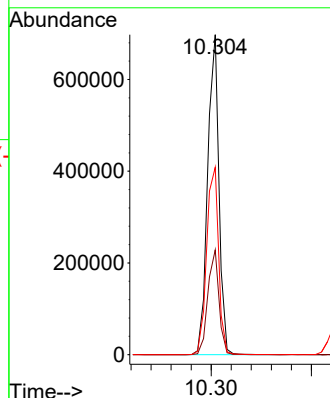
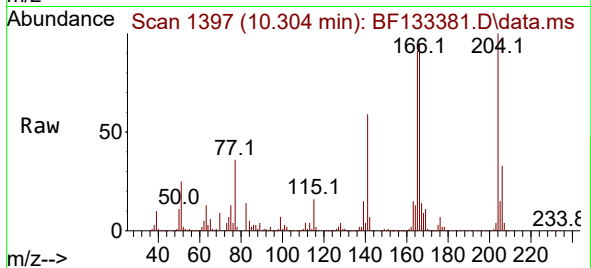




#61
4-Chlorophenyl-phenylether
Concen: 36.692 ng
RT: 10.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

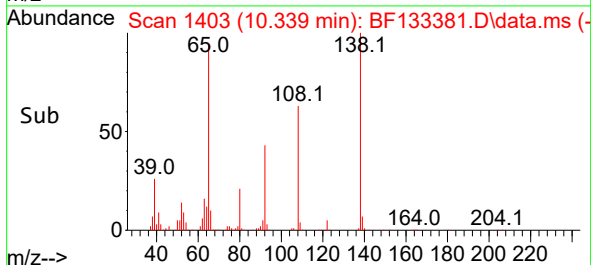
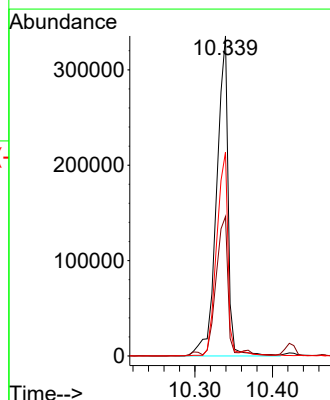
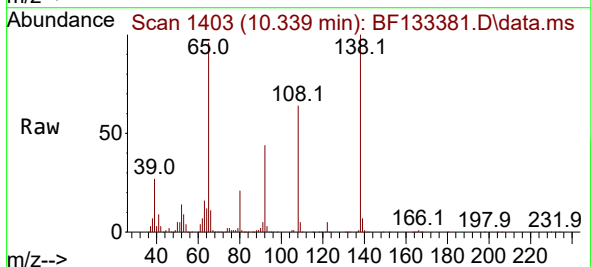
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

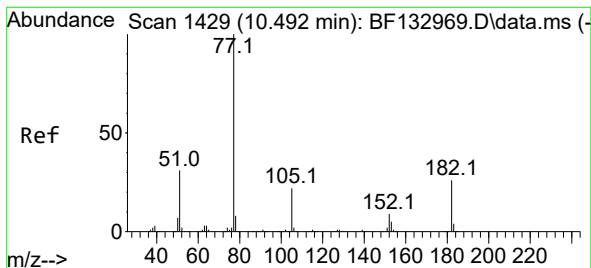
Tgt Ion:204 Resp: 548440
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 58.5 46.1 69.1



#62
4-Nitroaniline
Concen: 40.962 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

Tgt Ion:138 Resp: 347139
Ion Ratio Lower Upper
138 100
92 43.6 27.7 67.7
108 63.7 45.2 85.2





#63

Azobenzene

Concen: 35.232 ng

RT: 10.463 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1214667

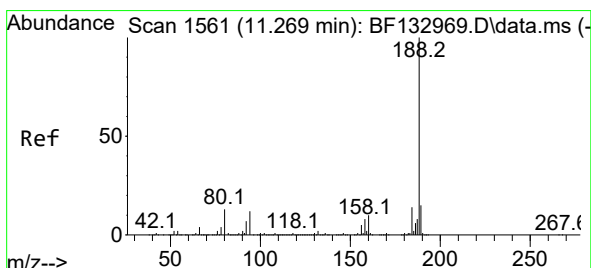
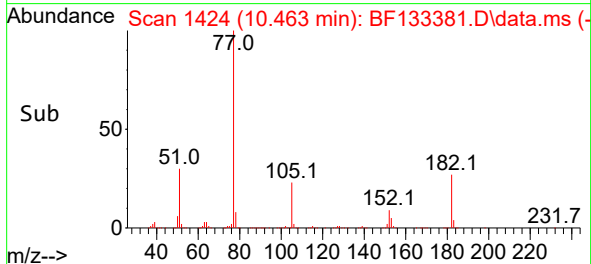
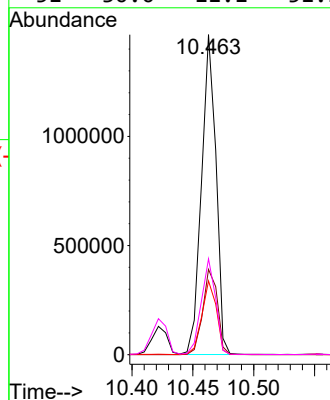
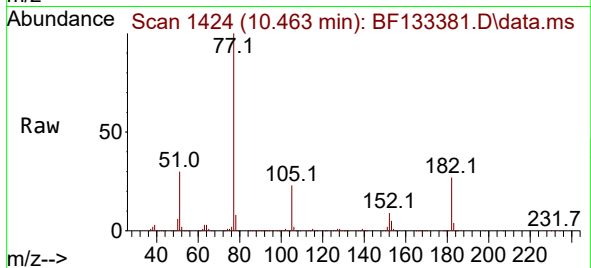
Ion Ratio Lower Upper

77 100

182 26.6 5.9 45.9

105 23.0 2.3 42.3

51 30.0 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1557

Delta R.T. 0.006 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

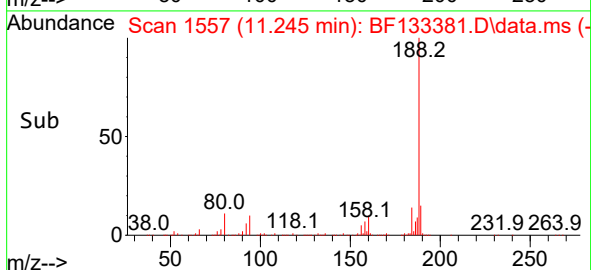
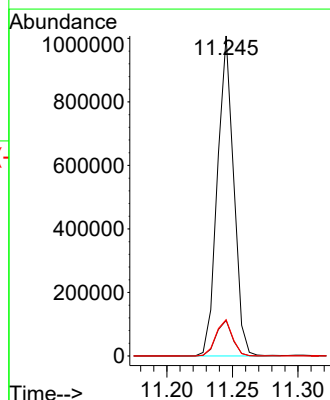
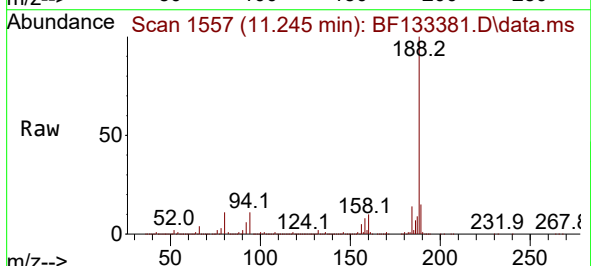
Tgt Ion:188 Resp: 869033

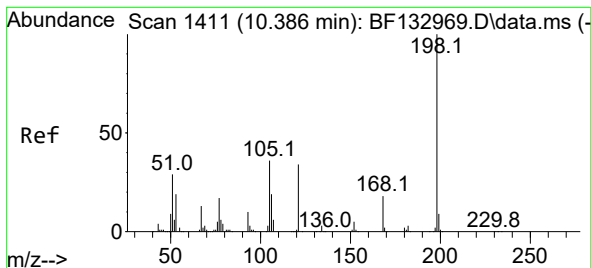
Ion Ratio Lower Upper

188 100

94 11.1 9.7 14.5

80 11.4 10.4 15.6

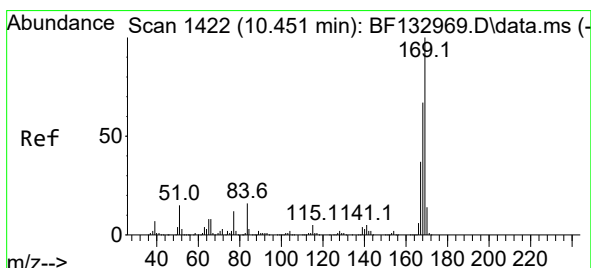
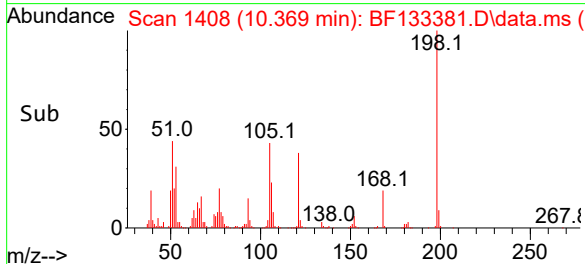
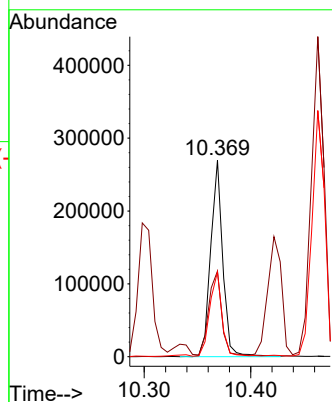
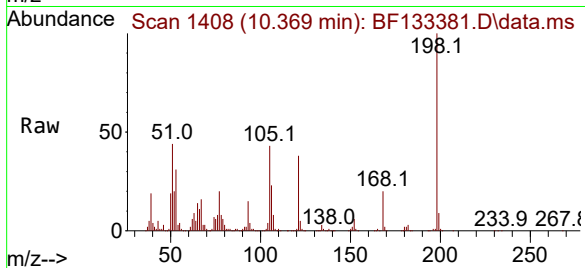




#65
4,6-Dinitro-2-methylphenol
Concen: 40.395 ng
RT: 10.369 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

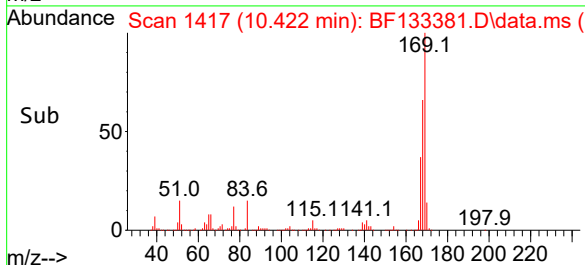
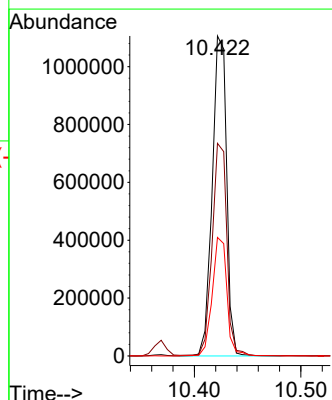
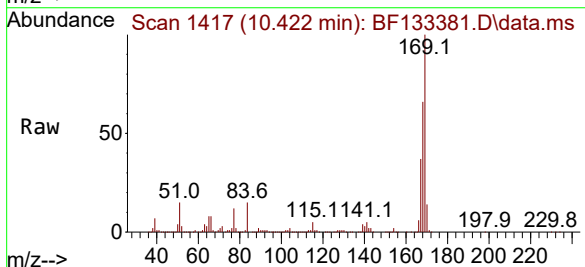
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

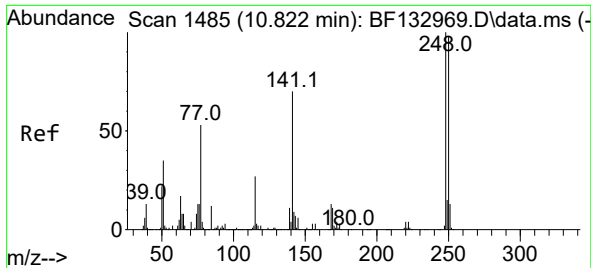
Tgt Ion:198 Resp: 212775
Ion Ratio Lower Upper
198 100
51 43.6 15.5 55.5
105 43.1 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 36.763 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

Tgt Ion:169 Resp: 1036310
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.8
167 37.1 29.7 44.5

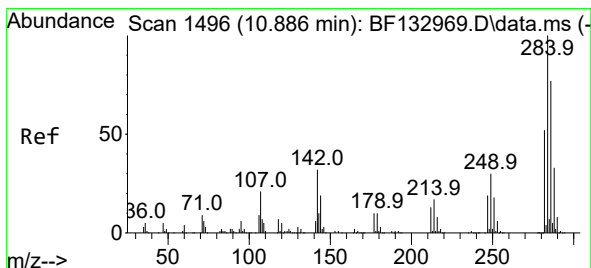
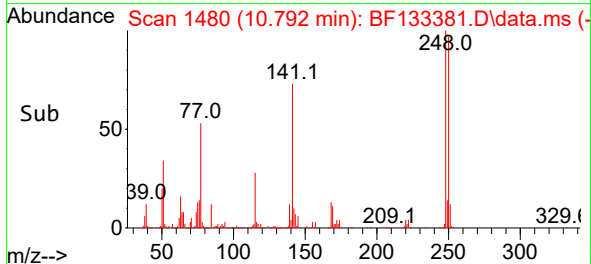
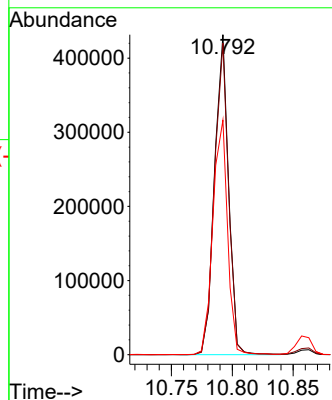
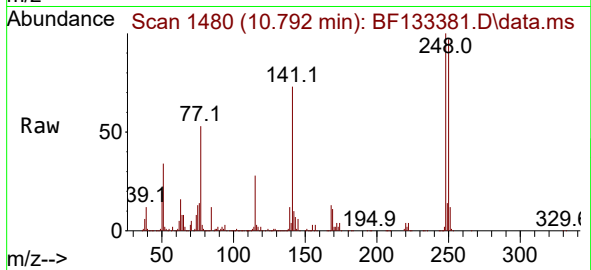




#67
4-Bromophenyl-phenylether
Concen: 36.681 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.006 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

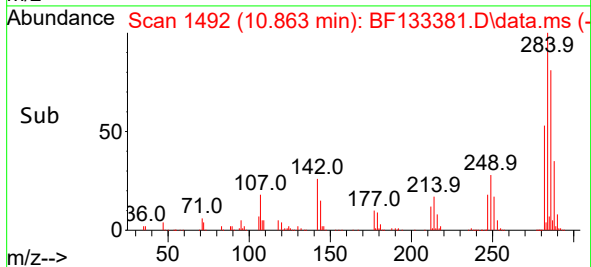
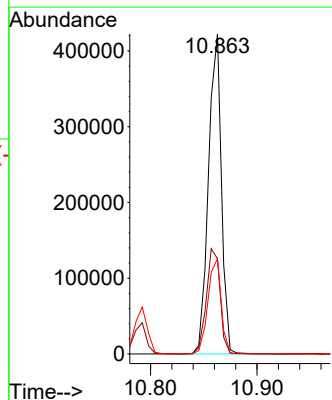
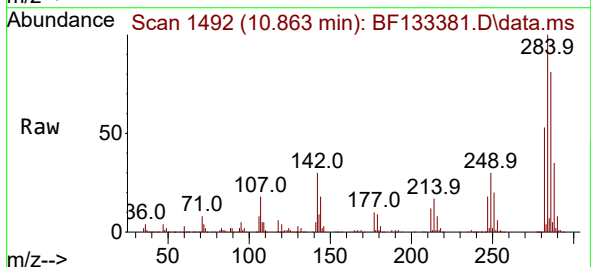
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

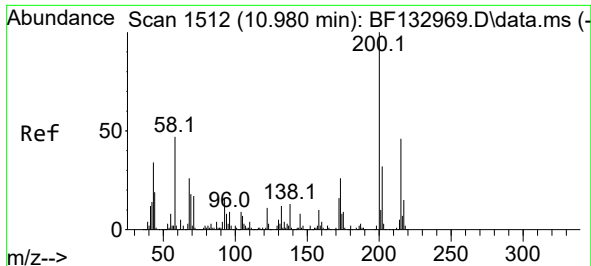
Tgt Ion:248 Resp: 345726
Ion Ratio Lower Upper
248 100
250 97.3 78.7 118.1
141 73.3 56.3 84.5



#68
Hexachlorobenzene
Concen: 37.006 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

Tgt Ion:284 Resp: 357399
Ion Ratio Lower Upper
284 100
142 29.7 26.0 39.0
249 29.8 23.7 35.5

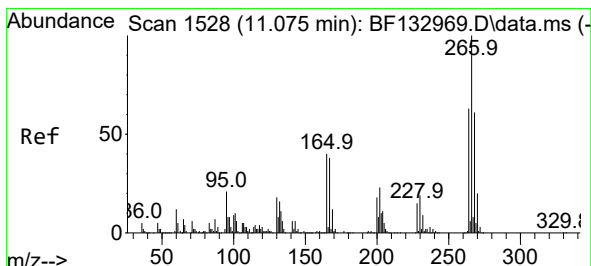
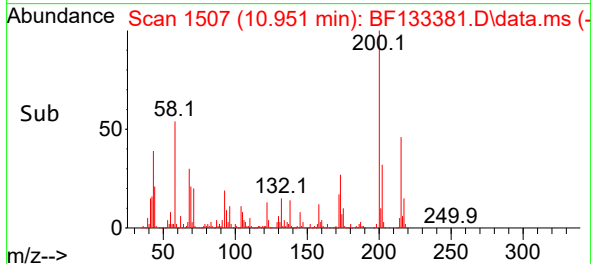
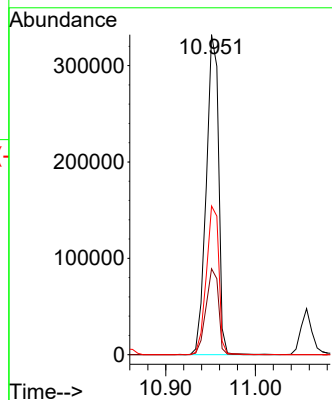
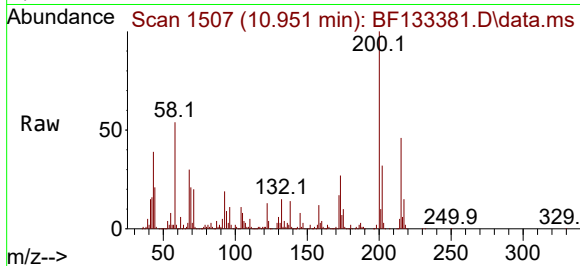




#69
 Atrazine
 Concen: 39.078 ng
 RT: 10.951 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133381.D
 Acq: 15 May 2023 12:25

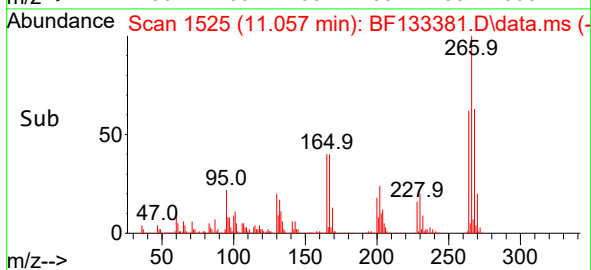
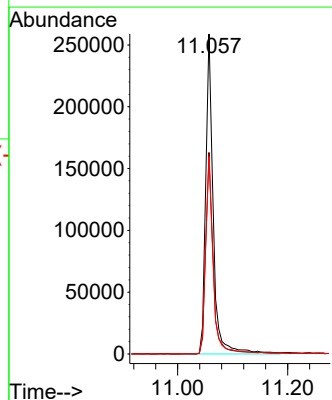
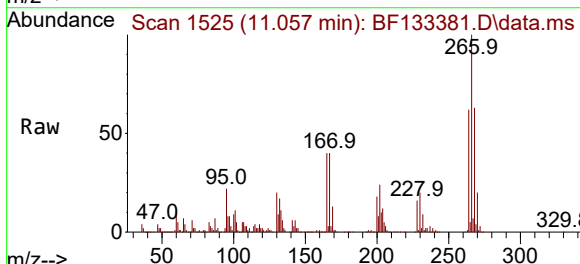
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

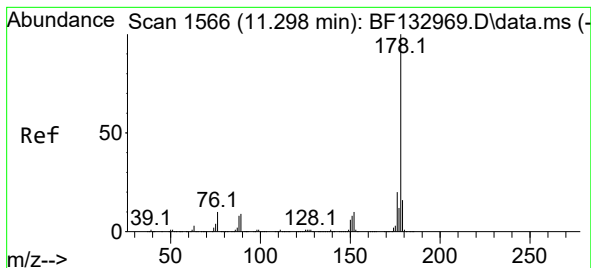
Tgt Ion:200 Resp: 317415
 Ion Ratio Lower Upper
 200 100
 173 26.9 6.2 46.2
 215 46.5 26.3 66.3



#70
 Pentachlorophenol
 Concen: 35.786 ng
 RT: 11.057 min Scan# 1525
 Delta R.T. 0.006 min
 Lab File: BF133381.D
 Acq: 15 May 2023 12:25

Tgt Ion:266 Resp: 246145
 Ion Ratio Lower Upper
 266 100
 268 63.0 48.8 73.2
 264 61.8 50.6 76.0





#71

Phenanthrene

Concen: 36.010 ng

RT: 11.269 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

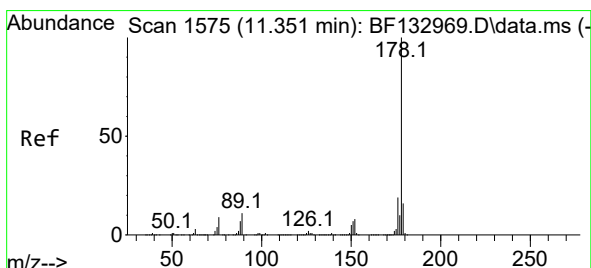
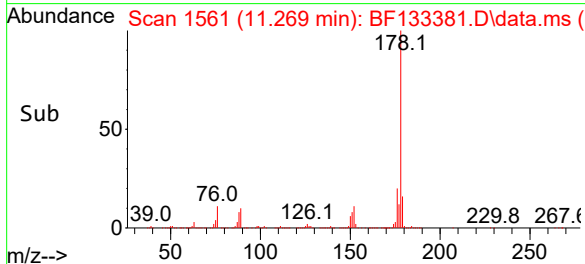
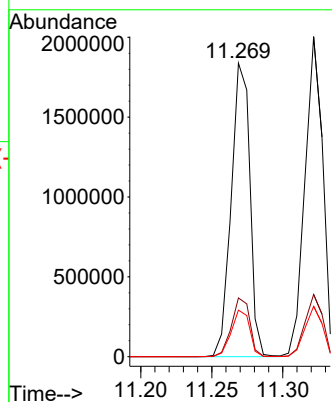
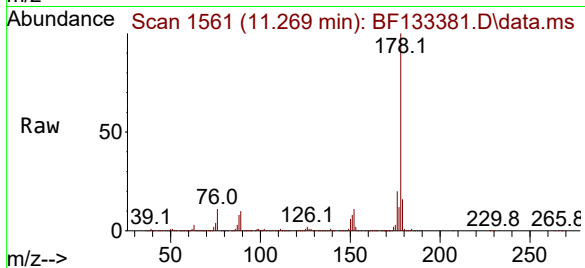
Tgt Ion:178 Resp: 1681936

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

179 15.9 12.5 18.7



#72

Anthracene

Concen: 36.805 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.006 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

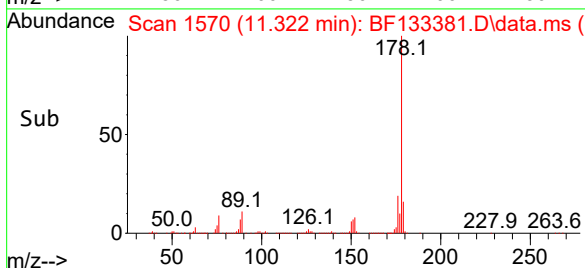
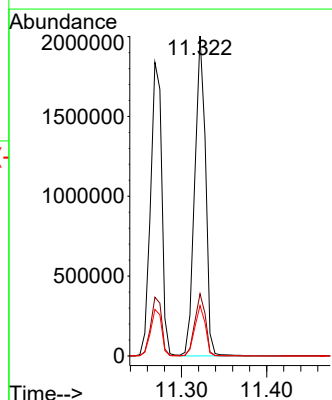
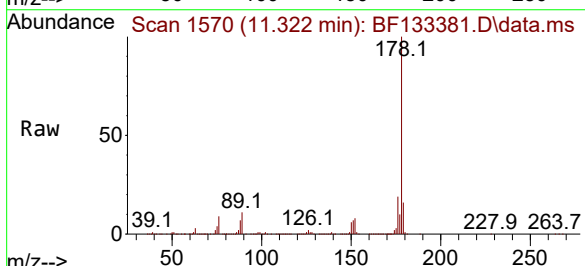
Tgt Ion:178 Resp: 1759296

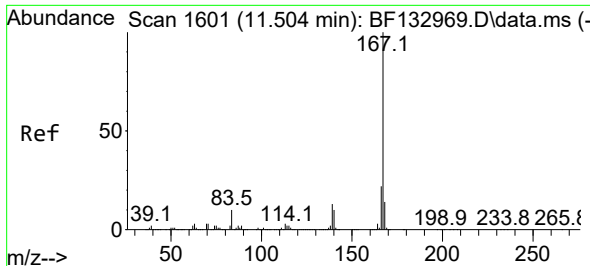
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 15.8 12.4 18.6

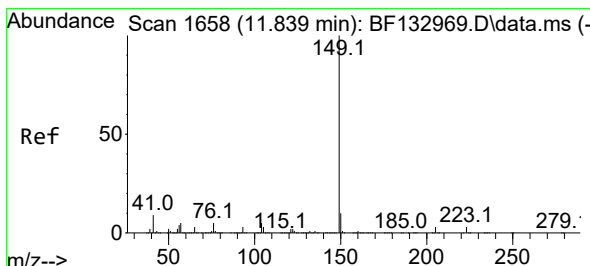
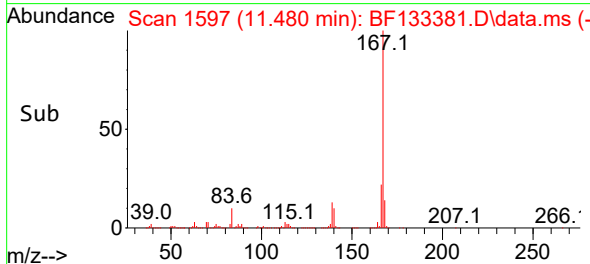
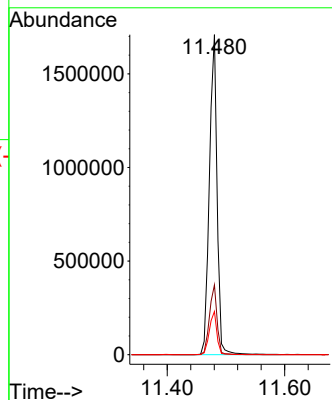
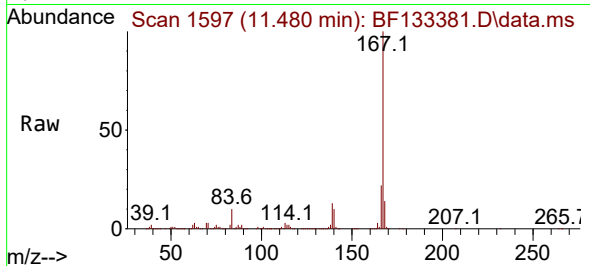




#73
 Carbazole
 Concen: 36.588 ng
 RT: 11.480 min Scan# 1597
 Delta R.T. 0.006 min
 Lab File: BF133381.D
 Acq: 15 May 2023 12:25

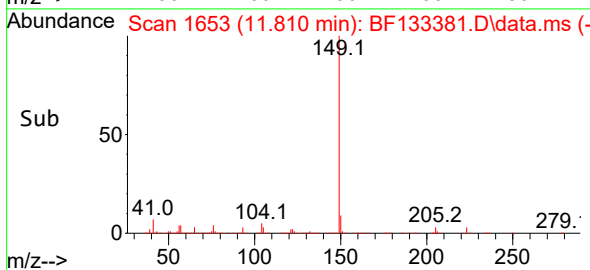
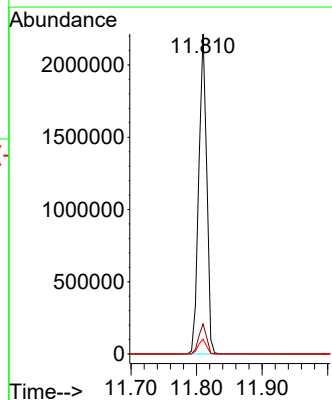
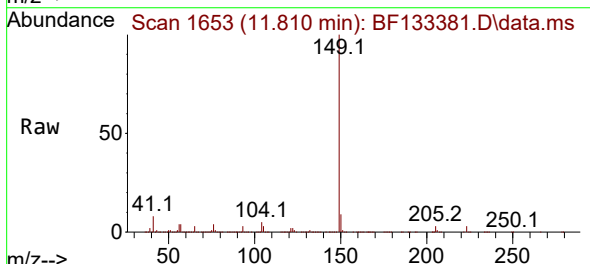
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

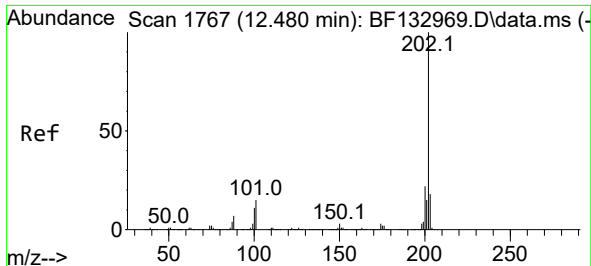
Tgt Ion:167 Resp: 1557277
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.5 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 38.838 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. 0.006 min
 Lab File: BF133381.D
 Acq: 15 May 2023 12:25

Tgt Ion:149 Resp: 1870677
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 4.6 4.0 6.0

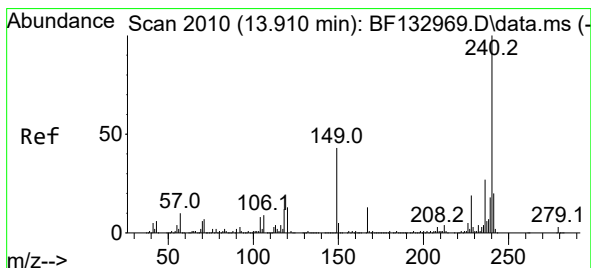
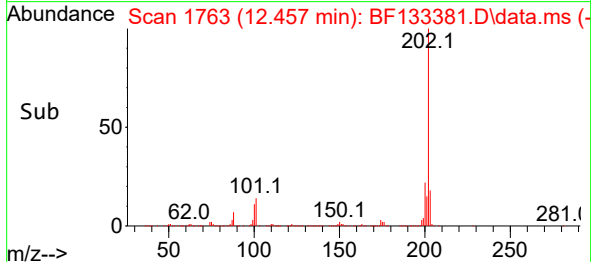
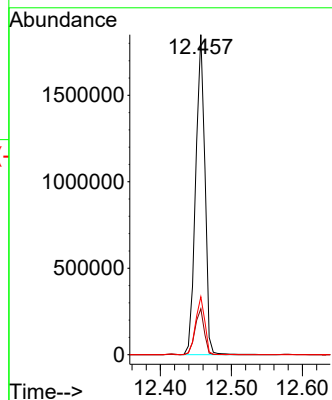
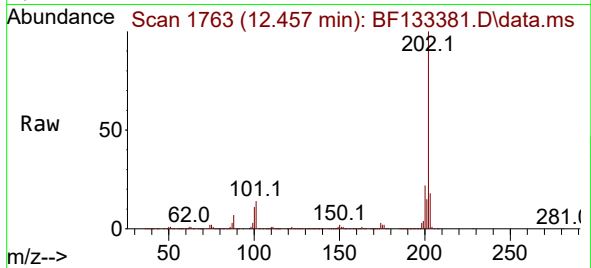




#75
Fluoranthene
Concen: 35.732 ng
RT: 12.457 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

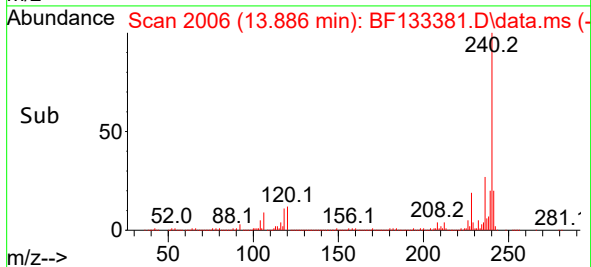
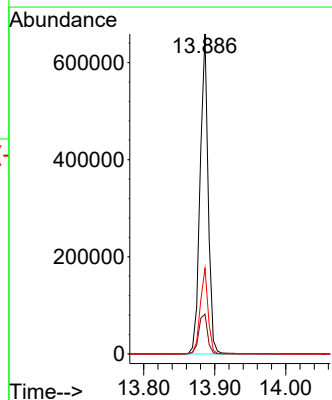
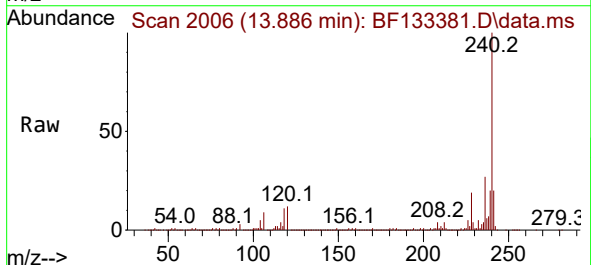
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

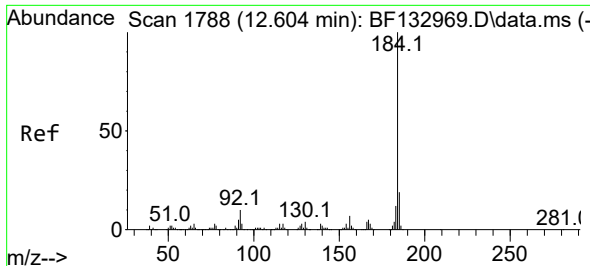
Tgt Ion:202 Resp: 1674976
Ion Ratio Lower Upper
202 100
101 14.4 0.0 35.3
203 18.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

Tgt Ion:240 Resp: 521474
Ion Ratio Lower Upper
240 100
120 12.5 10.5 15.7
236 26.7 21.5 32.3

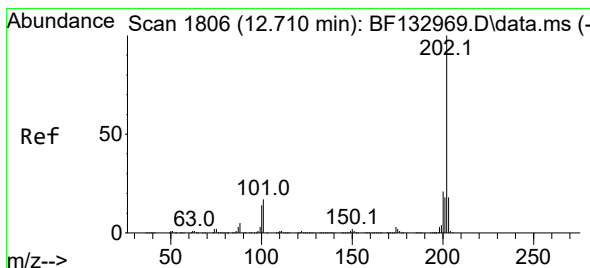
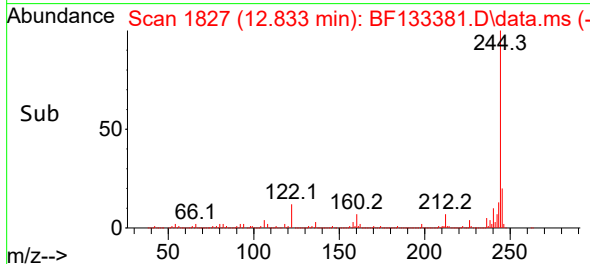
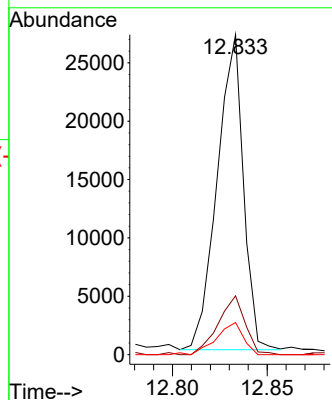
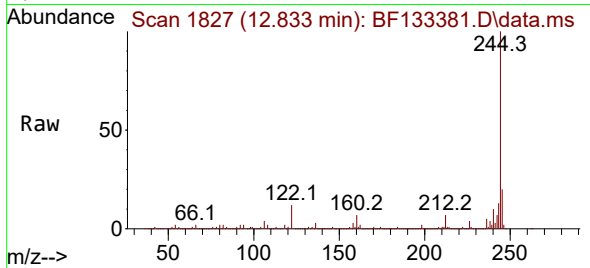




#77
Benzidine
Concen: 2.945 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.259 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

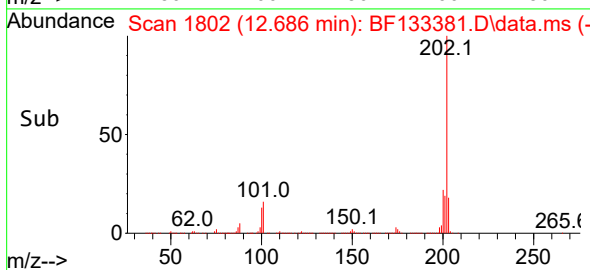
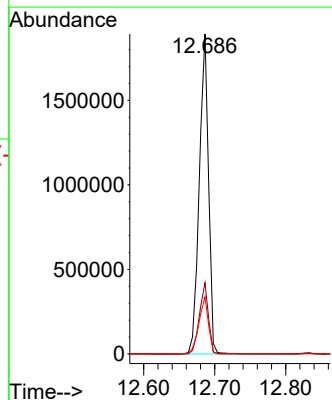
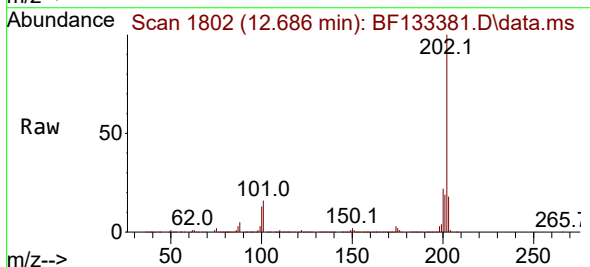
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

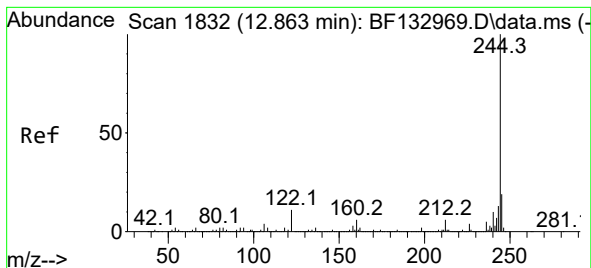
Tgt Ion:184 Resp: 25973
Ion Ratio Lower Upper
184 100
185 18.4 15.4 23.2
183 10.0 9.4 14.0



#78
Pyrene
Concen: 38.344 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.006 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

Tgt Ion:202 Resp: 1714057
Ion Ratio Lower Upper
202 100
200 22.2 17.1 25.7
203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 74.212 ng

RT: 12.833 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

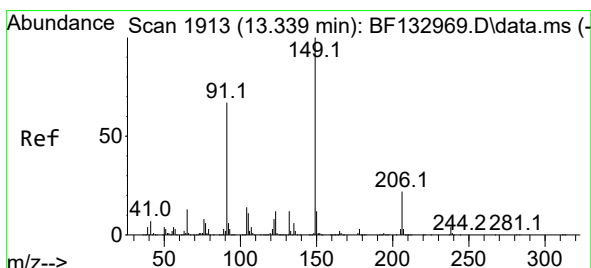
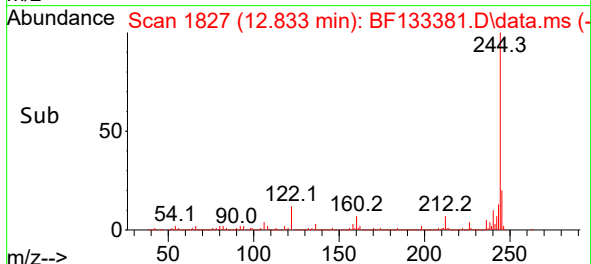
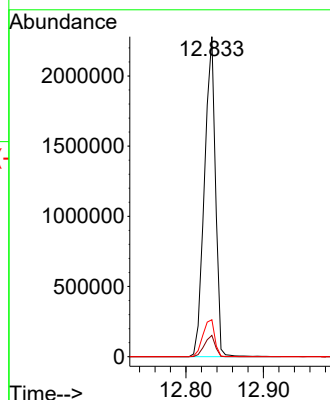
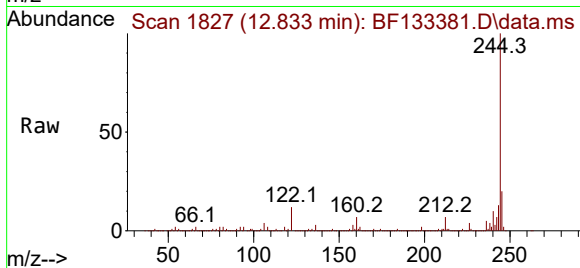
Tgt Ion:244 Resp: 2243898

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 11.5 8.6 13.0



#80

Butylbenzylphthalate

Concen: 46.705 ng

RT: 13.304 min Scan# 1907

Delta R.T. 0.000 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

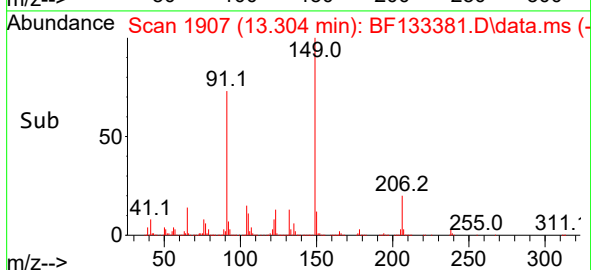
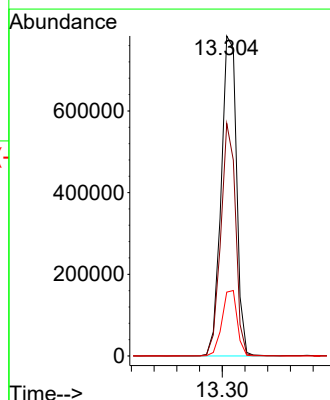
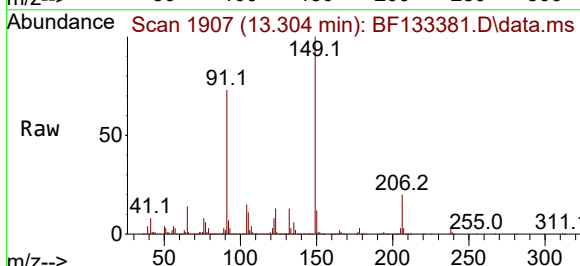
Tgt Ion:149 Resp: 739247

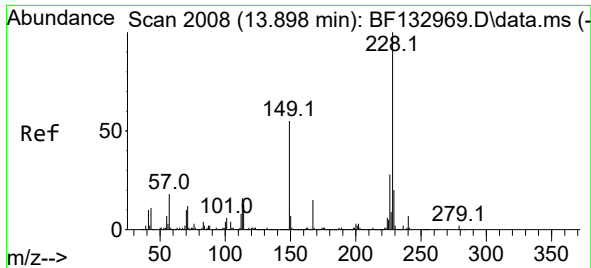
Ion Ratio Lower Upper

149 100

91 72.7 53.8 80.6

206 20.0 17.5 26.3

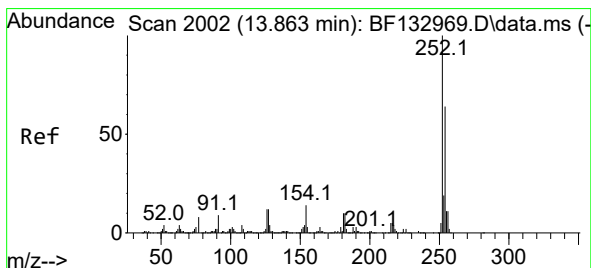
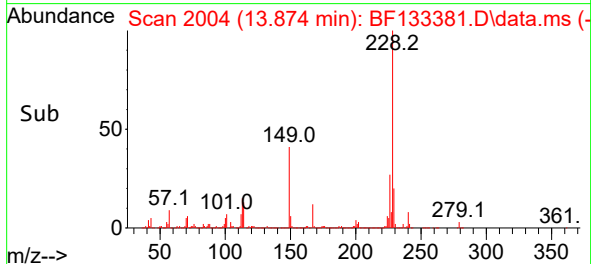
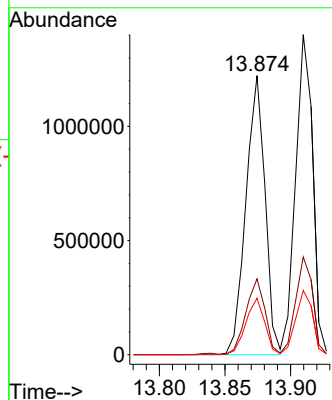
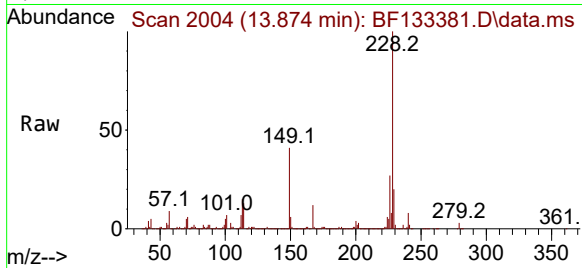




#81
Benzo(a)anthracene
Concen: 34.664 ng
RT: 13.874 min Scan# 2008
Delta R.T. 0.006 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

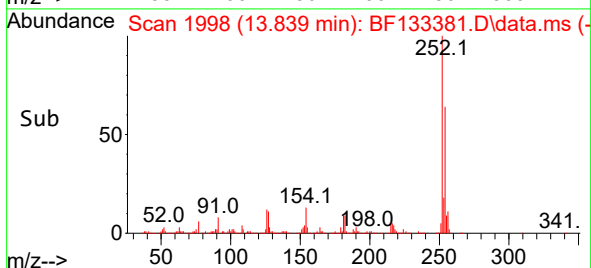
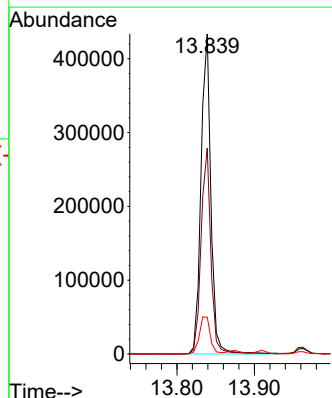
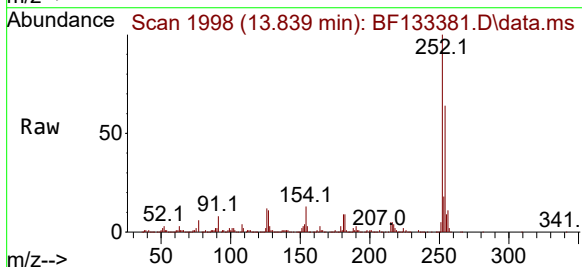
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

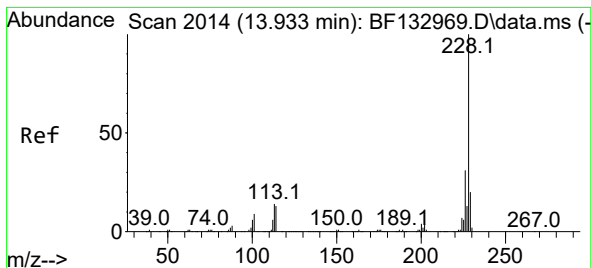
Tgt Ion:228 Resp: 1243052
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.4
229 20.3 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 38.792 ng
RT: 13.839 min Scan# 1998
Delta R.T. 0.006 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

Tgt Ion:252 Resp: 384286
Ion Ratio Lower Upper
252 100
254 64.3 51.5 77.3
126 11.5 9.5 14.3





#83

Chrysene

Concen: 35.690 ng

RT: 13.910 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

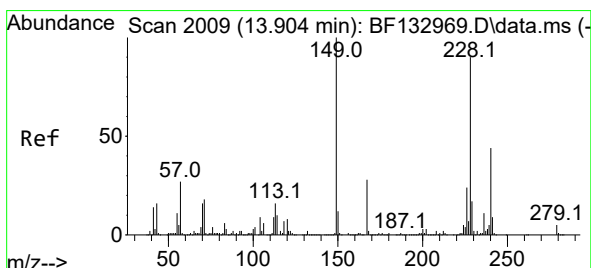
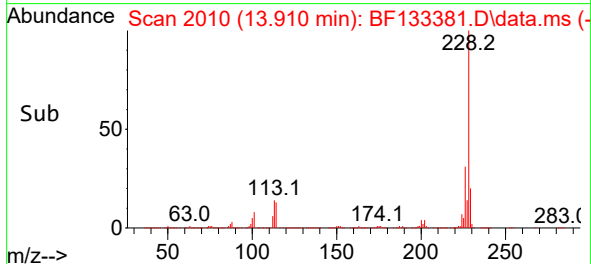
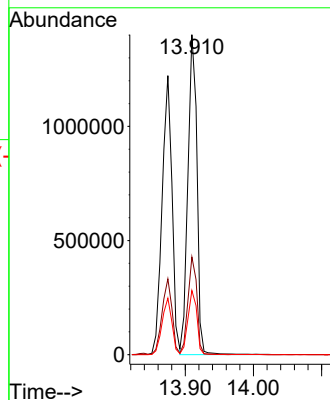
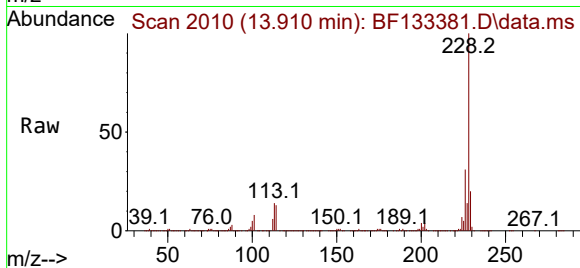
Tgt Ion:228 Resp: 1279523

Ion Ratio Lower Upper

228 100

226 30.5 24.7 37.1

229 20.1 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.118 ng

RT: 13.869 min Scan# 2003

Delta R.T. 0.006 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

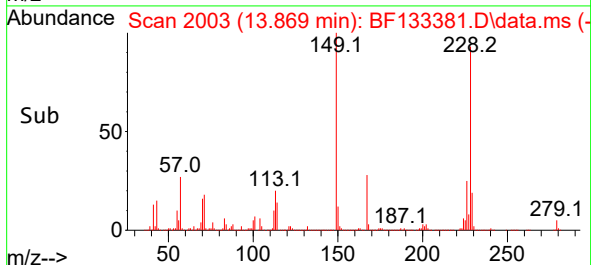
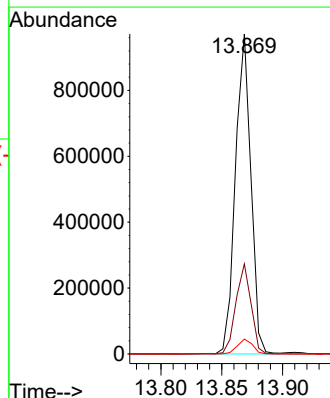
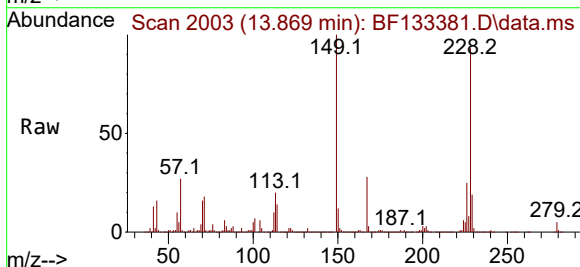
Tgt Ion:149 Resp: 856627

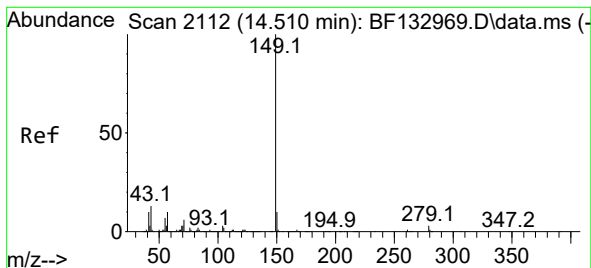
Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

279 4.7 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 39.997 ng

RT: 14.480 min Scan# 2112

Delta R.T. 0.006 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

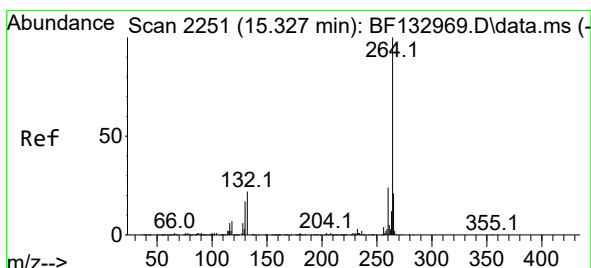
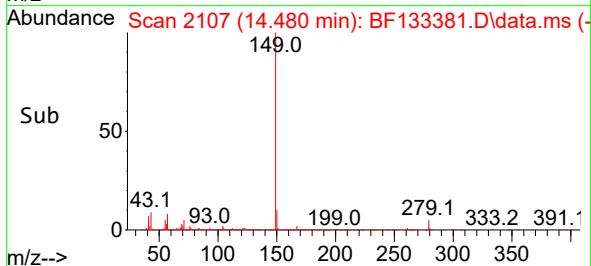
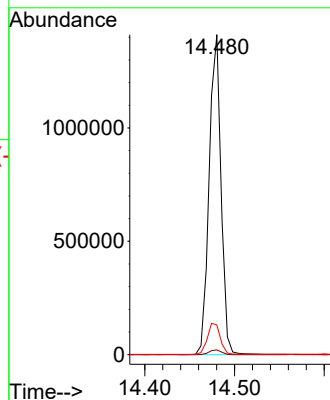
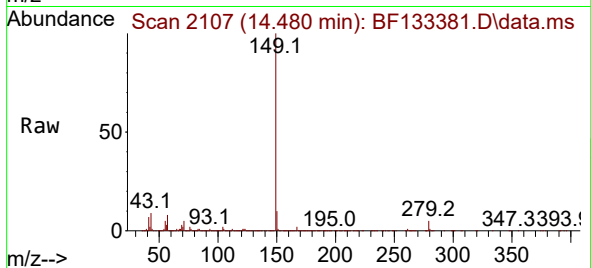
Tgt Ion:149 Resp: 1295671

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.7 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. 0.012 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

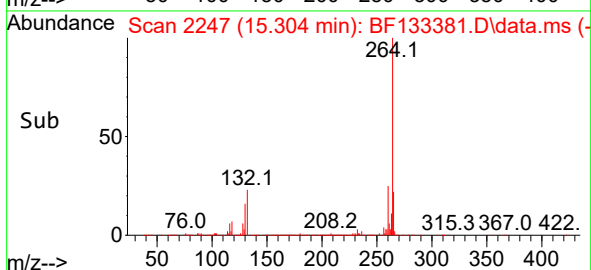
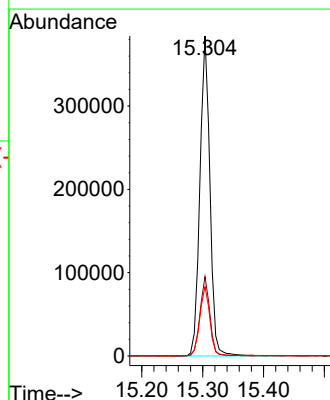
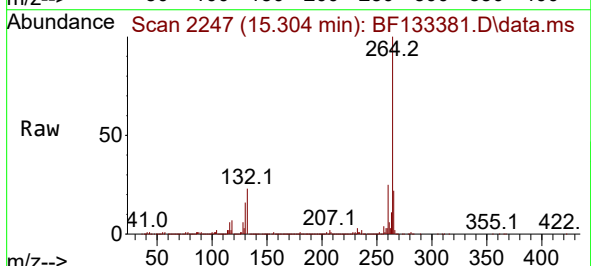
Tgt Ion:264 Resp: 437111

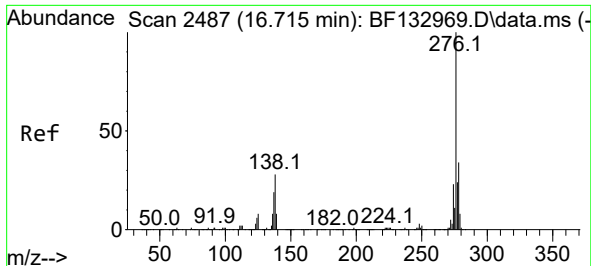
Ion Ratio Lower Upper

264 100

260 24.8 18.8 28.2

265 21.6 17.0 25.4

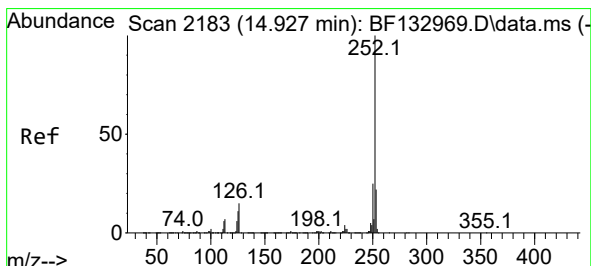
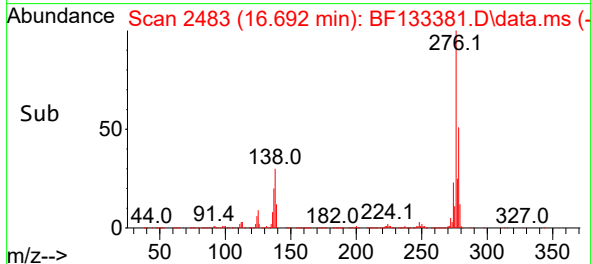
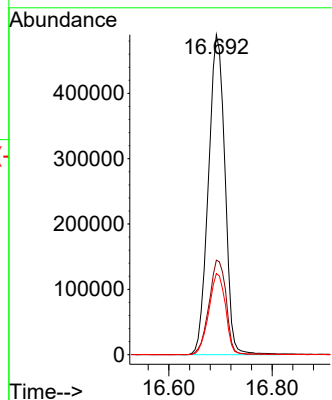
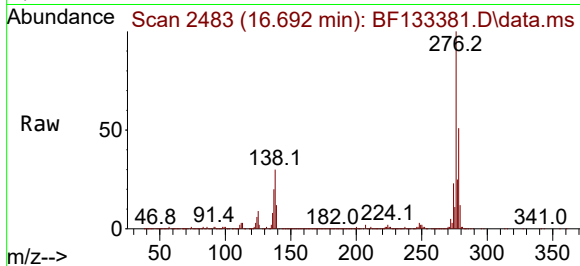




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.744 ng
RT: 16.692 min Scan# 2487
Delta R.T. 0.012 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

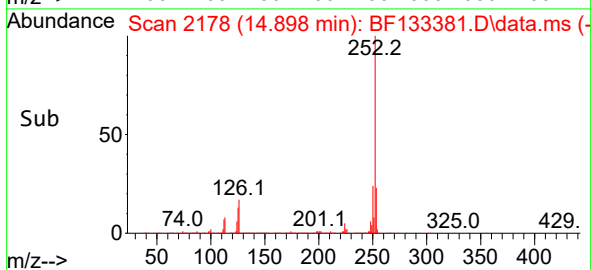
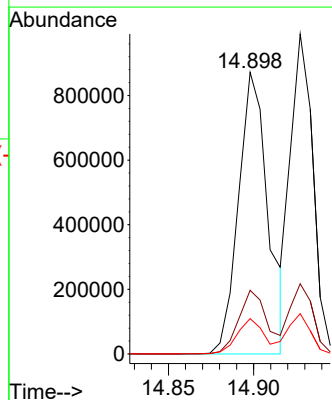
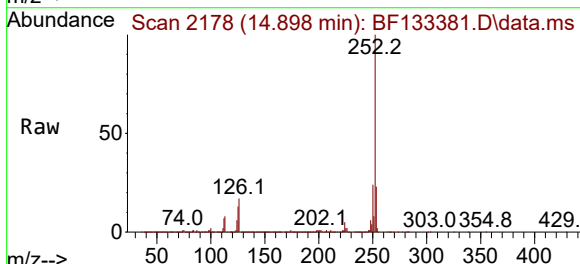
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

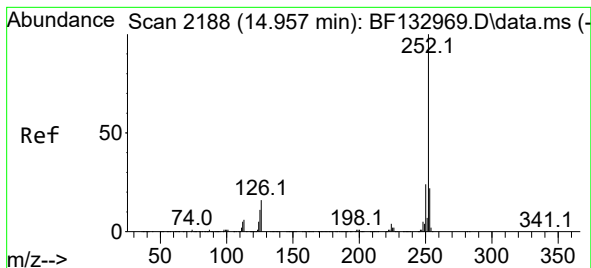
Tgt Ion:276 Resp: 1087629
Ion Ratio Lower Upper
276 100
138 30.6 25.5 38.3
277 25.6 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 37.856 ng
RT: 14.898 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BF133381.D
Acq: 15 May 2023 12:25

Tgt Ion:252 Resp: 1052714
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 12.6 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 33.517 ng

RT: 14.927 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

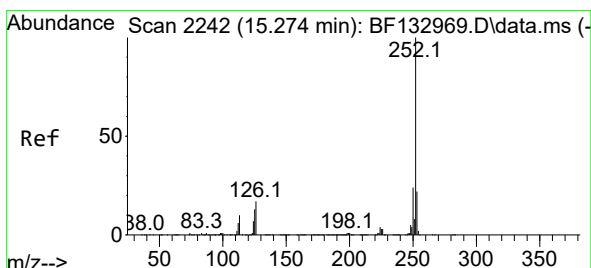
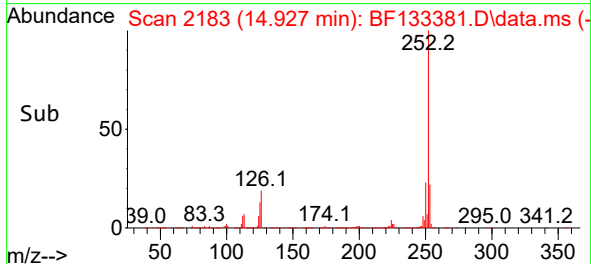
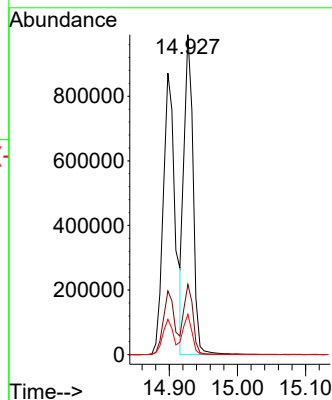
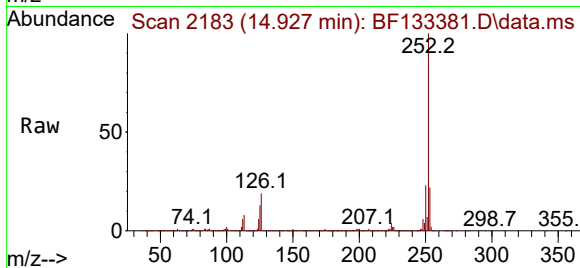
Tgt Ion:252 Resp: 923930

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 12.6 9.0 13.4



#90

Benzo(a)pyrene

Concen: 36.994 ng

RT: 15.245 min Scan# 2237

Delta R.T. 0.006 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

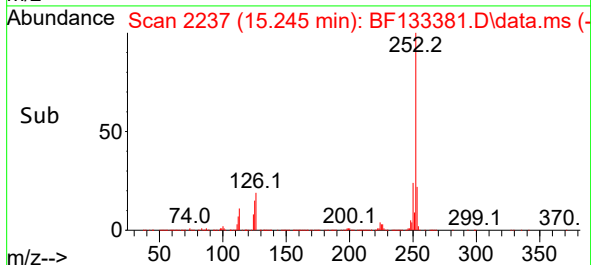
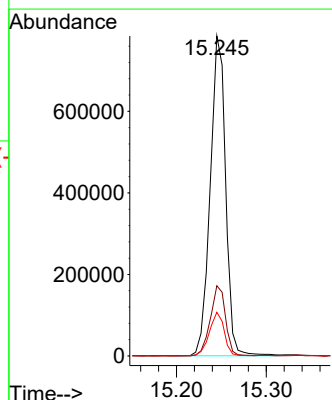
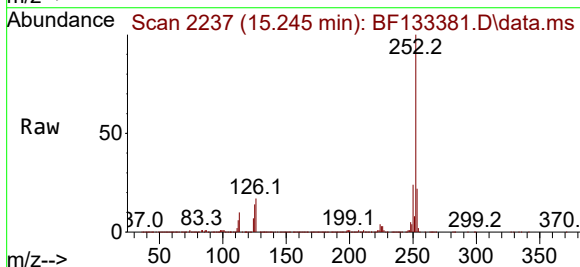
Tgt Ion:252 Resp: 936371

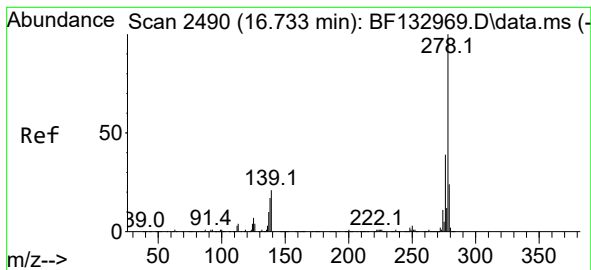
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 13.6 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 43.239 ng

RT: 16.704 min Scan# 2485

Delta R.T. 0.012 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

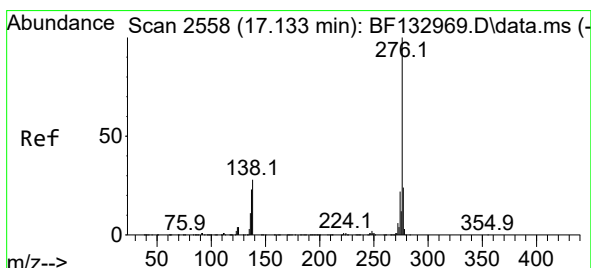
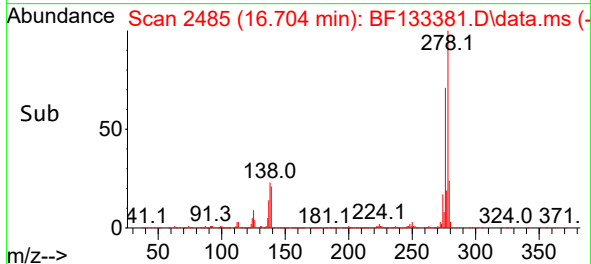
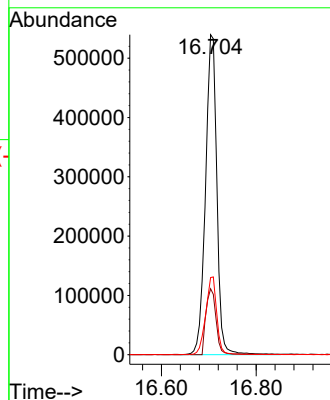
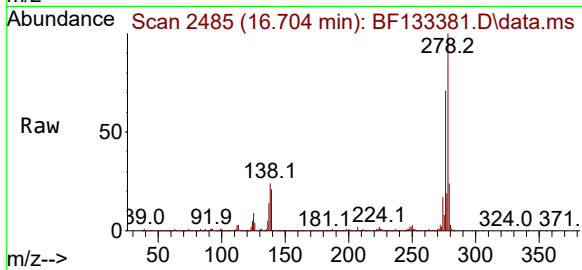
Tgt Ion:278 Resp: 896674

Ion Ratio Lower Upper

278 100

139 20.6 16.6 24.8

279 24.1 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 44.604 ng

RT: 17.110 min Scan# 2554

Delta R.T. 0.018 min

Lab File: BF133381.D

Acq: 15 May 2023 12:25

Tgt Ion:276 Resp: 913199

Ion Ratio Lower Upper

276 100

277 23.2 19.4 29.0

138 25.6 22.7 34.1

