

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133057.D
 Acq On : 26 Apr 2023 10:32
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 27 01:52:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 18:24:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	232001	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	900381	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	472835	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	834348	20.000	ng	0.00
76) Chrysene-d12	13.898	240	510360	20.000	ng	0.00
86) Perylene-d12	15.315	264	400487	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1144258	74.505	ng	0.00
7) Phenol-d6	6.387	99	1407296	73.825	ng	0.00
23) Nitrobenzene-d5	7.310	82	1242876	74.509	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	381946	80.321	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	2114107	74.802	ng	0.00
79) Terphenyl-d14	12.851	244	2305571	77.913	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.405	88	261016	36.641	ng	97
3) Pyridine	3.104	79	716770	37.883	ng	98
4) n-Nitrosodimethylamine	3.069	42	331001	33.775	ng	96
6) Aniline	6.410	93	901245	36.707	ng	99
8) 2-Chlorophenol	6.528	128	584878	37.508	ng	98
9) Benzaldehyde	6.287	77	362321	41.886	ng	99
10) Phenol	6.398	94	740870	35.230	ng	80
11) bis(2-Chloroethyl)ether	6.481	93	580142	36.763	ng	100
12) 1,3-Dichlorobenzene	6.687	146	623375	37.601	ng	97
13) 1,4-Dichlorobenzene	6.763	146	625450	37.643	ng	97
14) 1,2-Dichlorobenzene	6.916	146	573136	37.415	ng	98
15) Benzyl Alcohol	6.887	79	470415	35.725	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.028	45	946843	34.545	ng	96
17) 2-Methylphenol	7.004	107	553472	38.762	ng	98
18) Hexachloroethane	7.257	117	213489	36.957	ng	99
19) n-Nitroso-di-n-propyla...	7.163	70	404083	34.050	ng	100
20) 3+4-Methylphenols	7.163	107	617581	36.727	ng	# 80
22) Acetophenone	7.157	105	773759	37.098	ng	99
24) Nitrobenzene	7.328	77	627292	37.111	ng	99
25) Isophorone	7.569	82	1182729	37.344	ng	100
26) 2-Nitrophenol	7.645	139	337049	41.341	ng	92
27) 2,4-Dimethylphenol	7.687	122	533882	38.189	ng	98
28) bis(2-Chloroethoxy)met...	7.781	93	702978	37.520	ng	100
29) 2,4-Dichlorophenol	7.886	162	501236	39.385	ng	99
30) 1,2,4-Trichlorobenzene	7.969	180	508413	38.561	ng	100
31) Naphthalene	8.051	128	1672014	37.142	ng	99
32) Benzoic acid	7.816	122	346852	40.167	ng	95
33) 4-Chloroaniline	8.098	127	733792	40.344	ng	98
34) Hexachlorobutadiene	8.169	225	285840	39.116	ng	99
35) Caprolactam	8.481	113	178507	41.753	ng	# 81
36) 4-Chloro-3-methylphenol	8.581	107	541128	39.429	ng	98
37) 2-Methylnaphthalene	8.739	142	1171455	38.063	ng	100
38) 1-Methylnaphthalene	8.839	142	1088963	37.823	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	469778	36.952	ng	99
41) Hexachlorocyclopentadiene	8.892	237	294107	39.667	ng	98
43) 2,4,6-Trichlorophenol	9.016	196	338190	38.465	ng	98

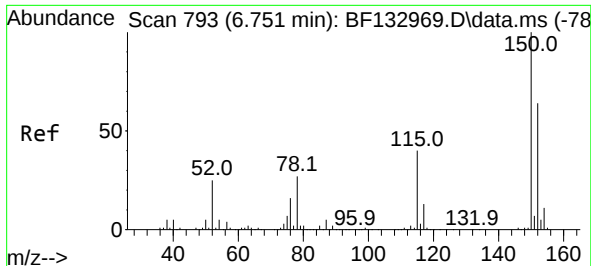
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 QLast Update : Tue Apr 25 18:24:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	396029	38.948	ng	99
46) 1,1'-Biphenyl	9.204	154	1386432	36.978	ng	99
47) 2-Chloronaphthalene	9.228	162	1018631	37.118	ng	99
48) 2-Nitroaniline	9.322	65	339459	37.428	ng	95
49) Acenaphthylene	9.639	152	1632805	37.236	ng	100
50) Dimethylphthalate	9.510	163	1256531	38.111	ng	98
51) 2,6-Dinitrotoluene	9.563	165	294300	39.660	ng	95
52) Acenaphthene	9.816	154	1098071	37.390	ng	99
53) 3-Nitroaniline	9.733	138	345383	39.144	ng	97
54) 2,4-Dinitrophenol	9.833	184	166311	44.588	ng	95
55) Dibenzofuran	9.986	168	1490745	37.212	ng	99
56) 4-Nitrophenol	9.892	139	267223	39.103	ng	91
57) 2,4-Dinitrotoluene	9.969	165	380500	40.207	ng	88
58) Fluorene	10.328	166	1080038	36.798	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.104	232	301739	38.277	ng	98
60) Diethylphthalate	10.204	149	1200969	38.564	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	532860	37.255	ng	99
62) 4-Nitroaniline	10.351	138	339703	41.890	ng	94
63) Azobenzene	10.480	77	1193649	36.182	ng	99
65) 4,6-Dinitro-2-methylph...	10.375	198	220623	43.626	ng	83
66) n-Nitrosodiphenylamine	10.439	169	1014723	37.493	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	345573	38.189	ng	99
68) Hexachlorobenzene	10.875	284	355325	38.321	ng	97
69) Atrazine	10.969	200	312812	40.113	ng	99
70) Pentachlorophenol	11.069	266	263501	39.902	ng	97
71) Phenanthrene	11.286	178	1633871	36.435	ng	99
72) Anthracene	11.339	178	1705416	37.161	ng	100
73) Carbazole	11.492	167	1505696	36.846	ng	99
74) Di-n-butylphthalate	11.827	149	1885431	40.771	ng	100
75) Fluoranthene	12.469	202	1673597	37.186	ng	100
77) Benzidine	12.592	184	439605	50.936	ng	# 92
78) Pyrene	12.698	202	1730935	39.565	ng	99
80) Butylbenzylphthalate	13.321	149	729416	47.088	ng	96
81) Benzo(a)anthracene	13.886	228	1312007	37.384	ng	100
82) 3,3'-Dichlorobenzidine	13.851	252	423246	43.655	ng	100
83) Chrysene	13.921	228	1327697	37.840	ng	99
84) Bis(2-ethylhexyl)phtha...	13.886	149	786762	40.464	ng	100
85) Di-n-octyl phthalate	14.498	149	1213657	38.281	ng	98
87) Indeno(1,2,3-cd)pyrene	16.698	276	1064425	46.725	ng	100
88) Benzo(b)fluoranthene	14.910	252	976652	38.332	ng	99
89) Benzo(k)fluoranthene	14.939	252	992408	39.293	ng	99
90) Benzo(a)pyrene	15.257	252	890894	38.416	ng	99
91) Dibenzo(a,h)anthracene	16.715	278	893950	47.050	ng	99
92) Benzo(g,h,i)perylene	17.115	276	907604	48.385	ng	97

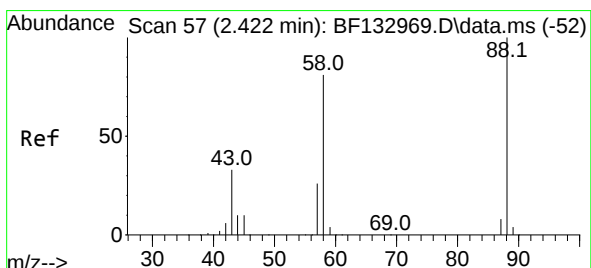
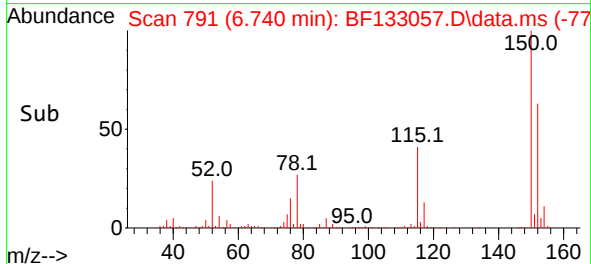
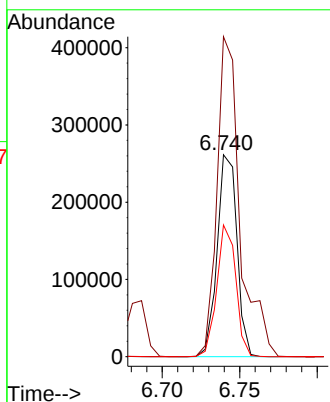
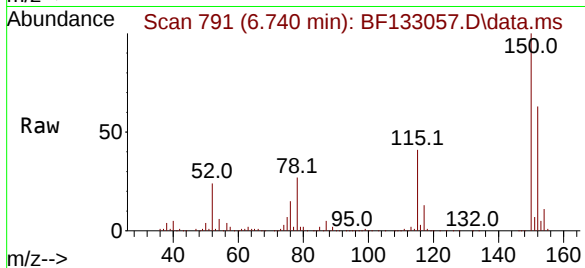
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF133057.D
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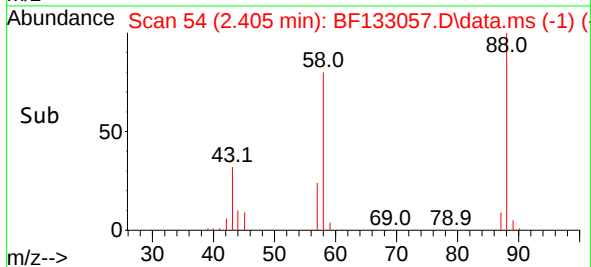
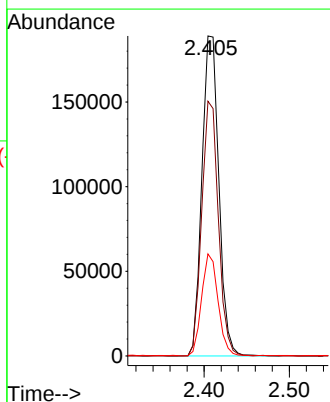
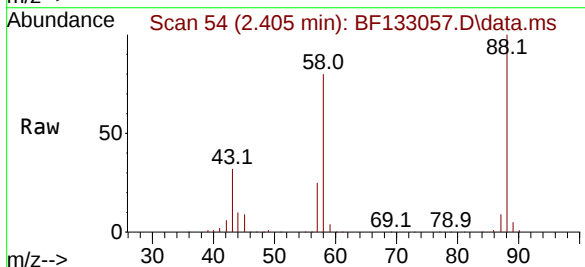
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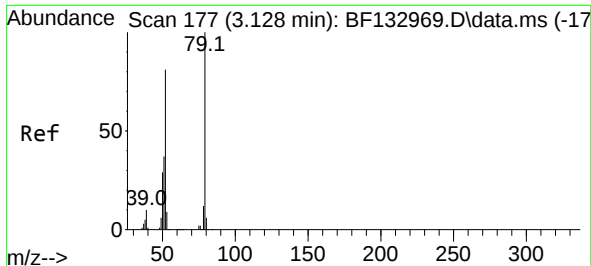
Tgt Ion:152 Resp: 232001
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.8 187.2
 115 65.2 49.9 74.9



#2
 1,4-Dioxane
 Concen: 36.641 ng
 RT: 2.405 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: BF133057.D
 Acq: 26 Apr 2023 10:32

Tgt Ion: 88 Resp: 261016
 Ion Ratio Lower Upper
 88 100
 58 78.2 64.7 97.1
 43 31.0 26.2 39.2

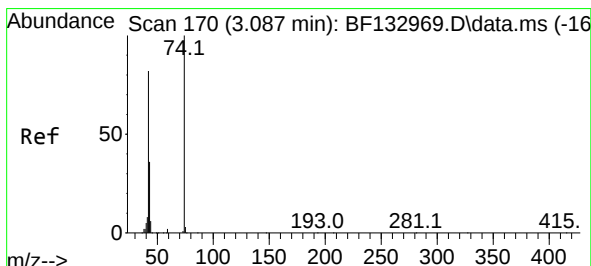
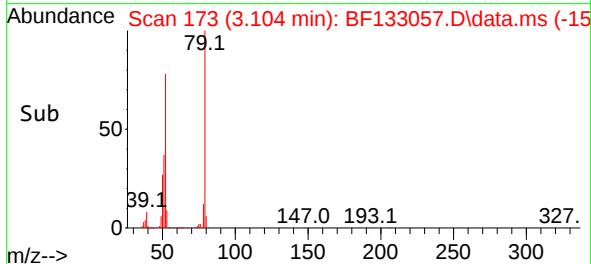
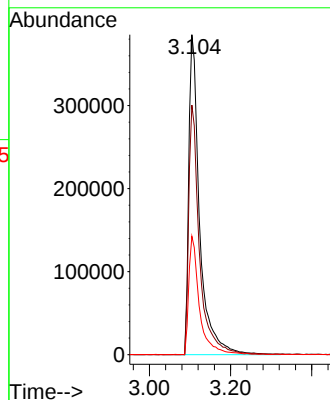
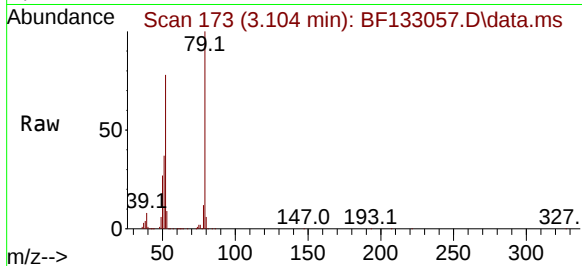




#3
 Pyridine
 Concen: 37.883 ng
 RT: 3.104 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133057.D
 Acq: 26 Apr 2023 10:32

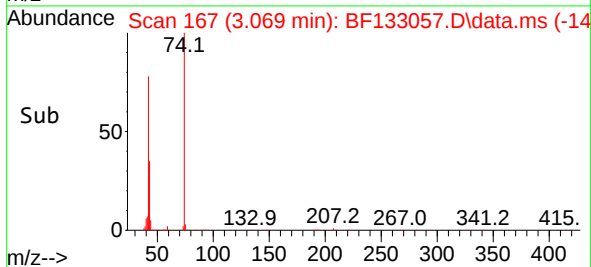
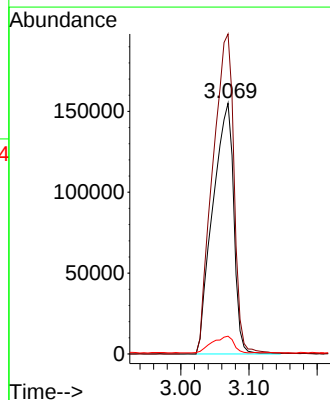
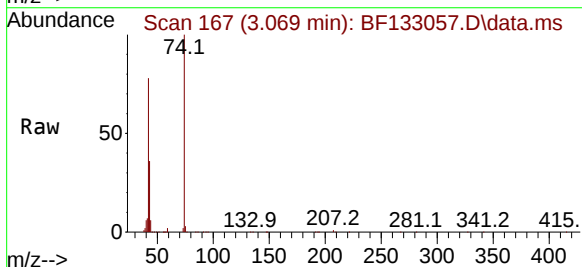
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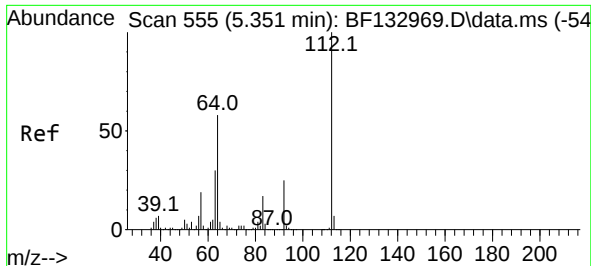
Tgt Ion: 79 Resp: 716770
 Ion Ratio Lower Upper
 79 100
 52 78.0 64.6 96.8
 51 37.0 30.0 45.0



#4
 n-Nitrosodimethylamine
 Concen: 33.775 ng
 RT: 3.069 min Scan# 167
 Delta R.T. 0.006 min
 Lab File: BF133057.D
 Acq: 26 Apr 2023 10:32

Tgt Ion: 42 Resp: 331001
 Ion Ratio Lower Upper
 42 100
 74 127.7 98.0 147.0
 44 7.1 5.8 8.8

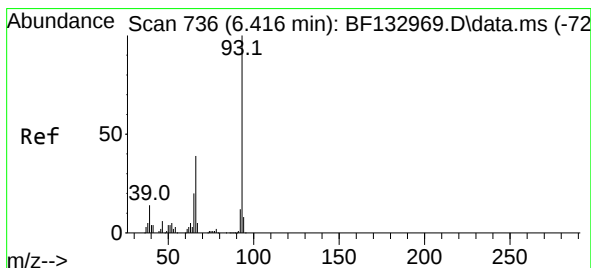
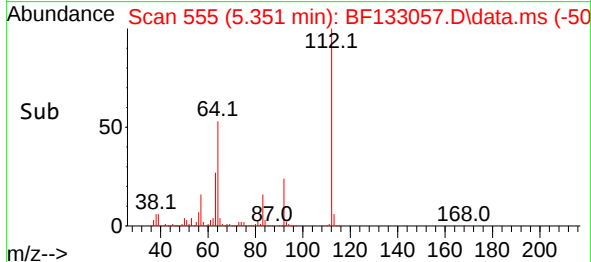
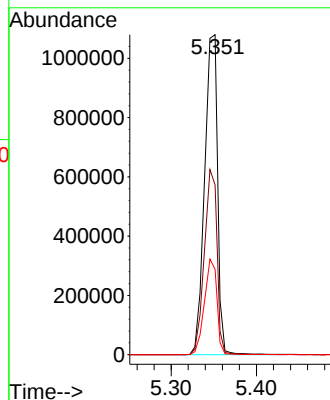
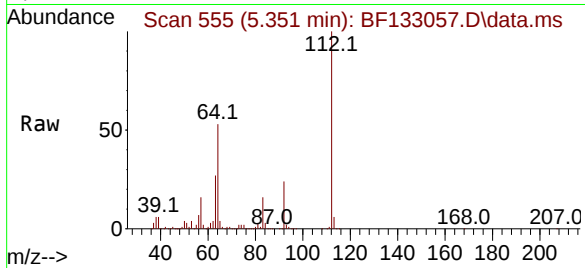




#5
2-Fluorophenol
Concen: 74.505 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

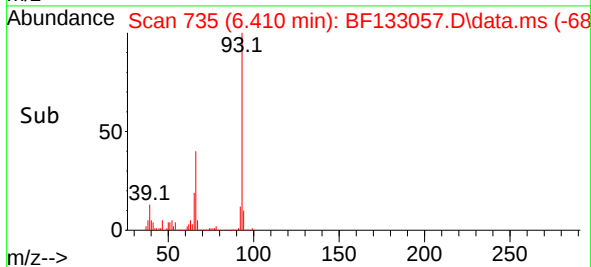
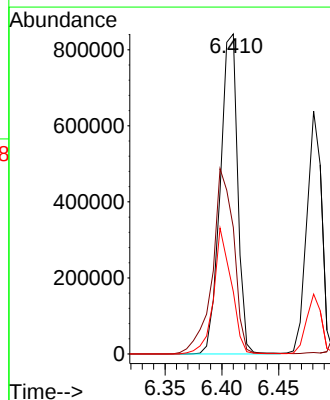
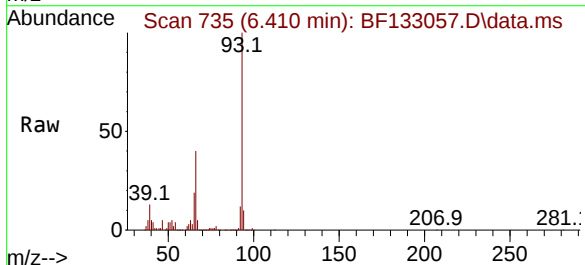
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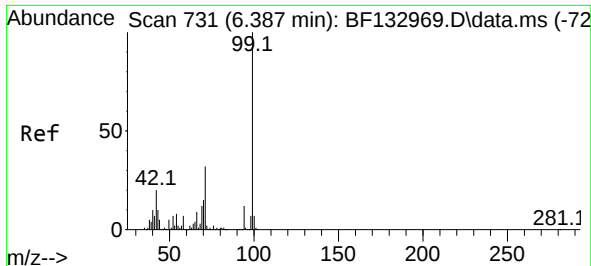
Tgt Ion:112 Resp: 1144258
Ion Ratio Lower Upper
112 100
64 53.1 46.8 70.2
63 26.7 23.8 35.8



#6
Aniline
Concen: 36.707 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

Tgt Ion: 93 Resp: 901245
Ion Ratio Lower Upper
93 100
66 39.5 31.5 47.3
65 19.4 16.4 24.6





#7

Phenol-d6

Concen: 73.825 ng

RT: 6.387 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

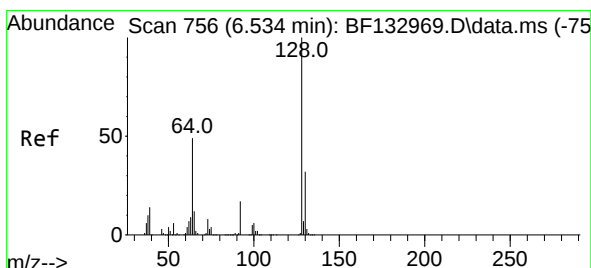
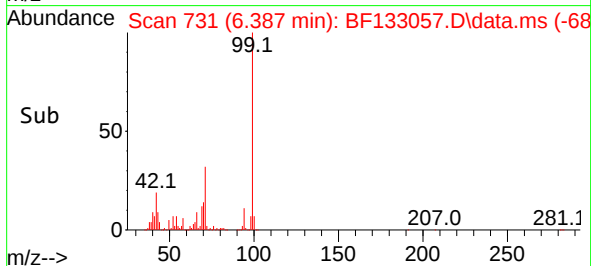
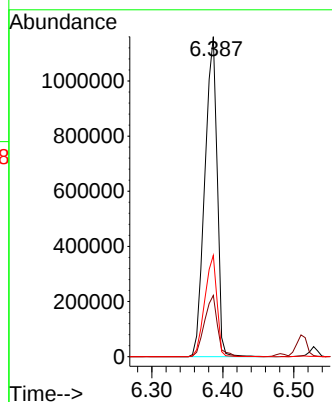
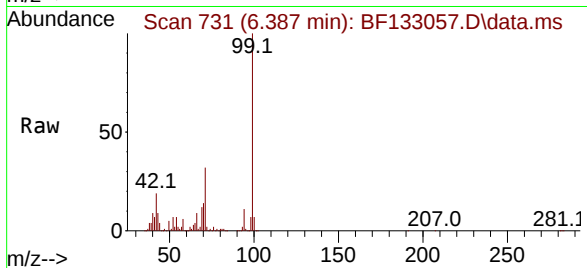
Tgt Ion: 99 Resp: 1407296

Ion Ratio Lower Upper

99 100

42 19.1 16.3 24.5

71 31.6 25.6 38.4



#8

2-Chlorophenol

Concen: 37.508 ng

RT: 6.528 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

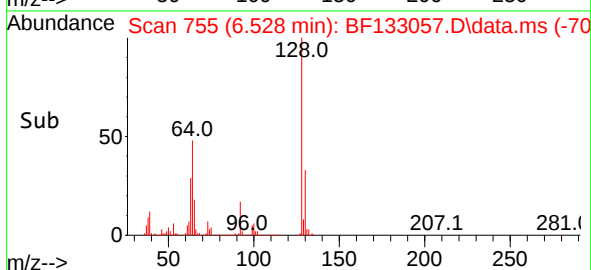
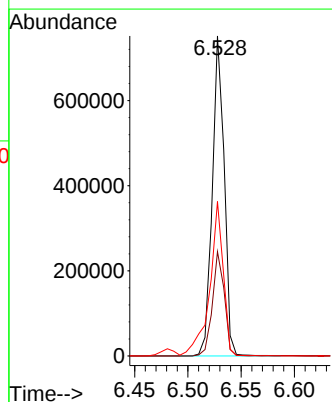
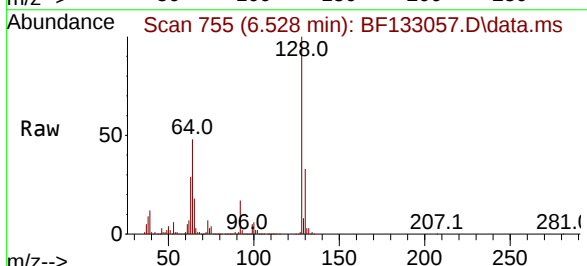
Tgt Ion:128 Resp: 584878

Ion Ratio Lower Upper

128 100

130 32.6 12.2 52.2

64 48.2 30.3 70.3

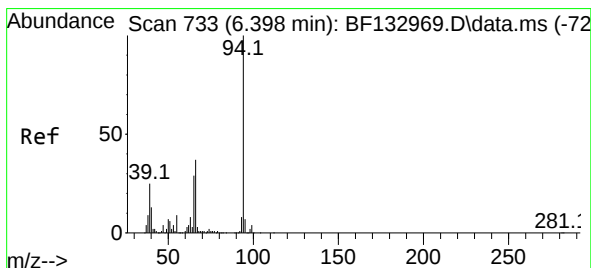
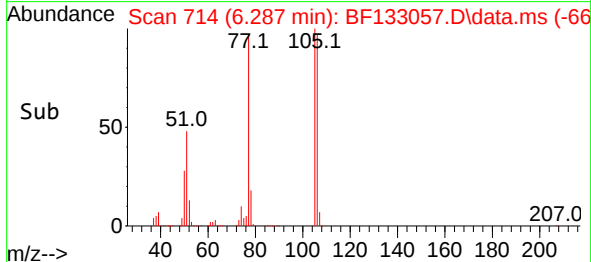
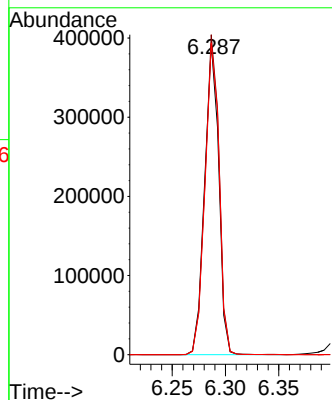
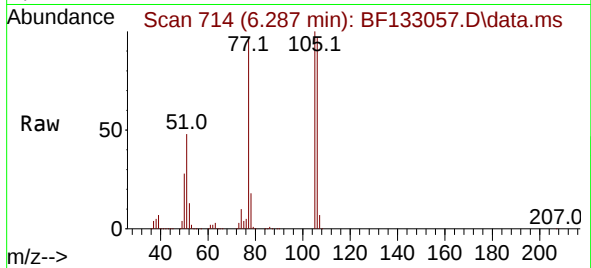




#9
Benzaldehyde
Concen: 41.886 ng
RT: 6.287 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

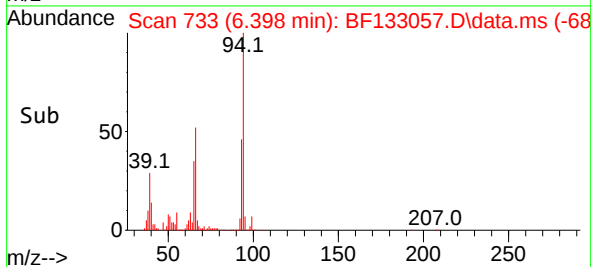
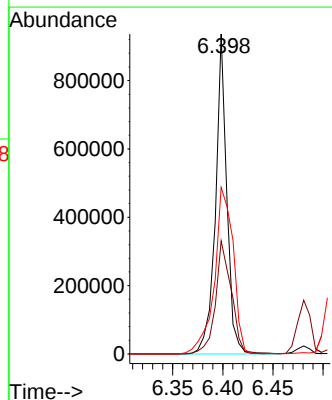
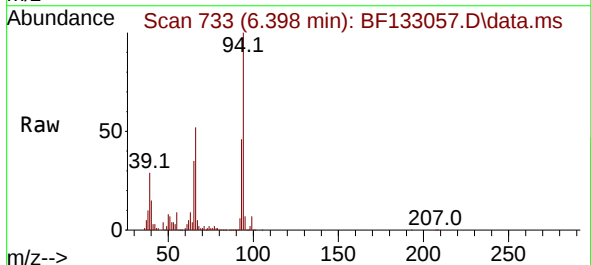
Instrument :
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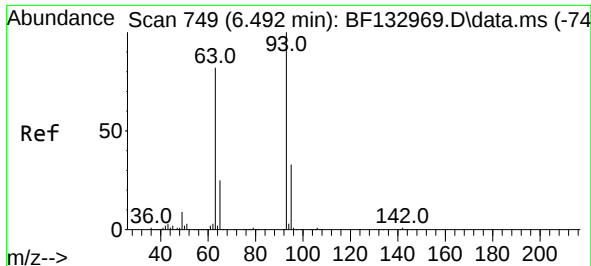
Tgt Ion: 77 Resp: 362321
Ion Ratio Lower Upper
77 100
105 103.0 82.3 122.3
106 100.4 80.8 120.8



#10
Phenol
Concen: 35.230 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

Tgt Ion: 94 Resp: 740870
Ion Ratio Lower Upper
94 100
65 35.4 8.6 48.6
66 52.0 17.3 57.3

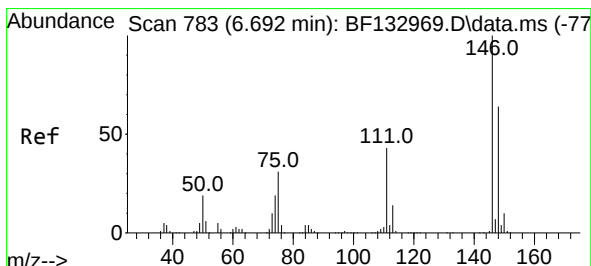
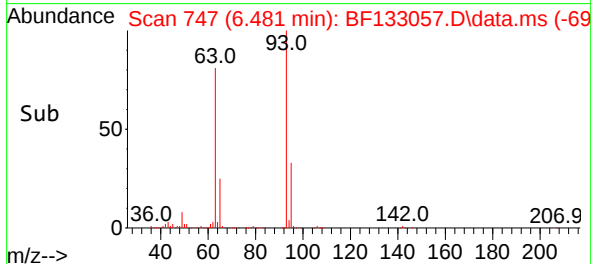
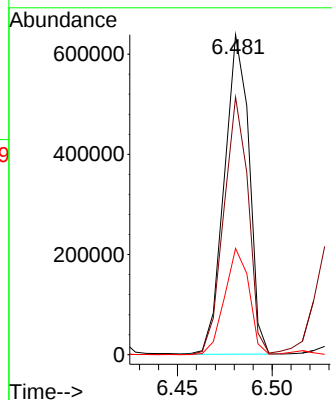
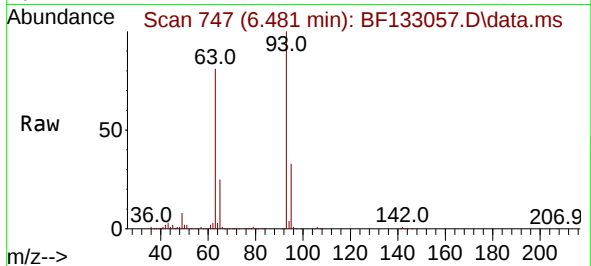




#11
bis(2-Chloroethyl)ether
Concen: 36.763 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

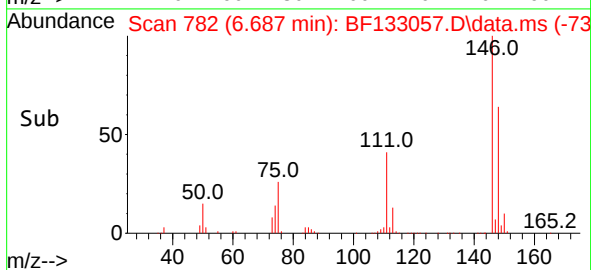
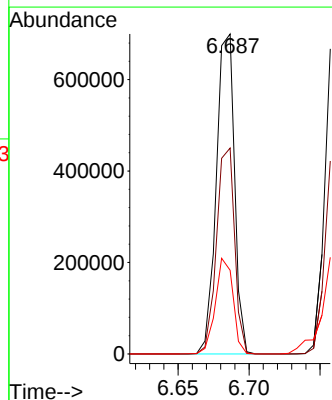
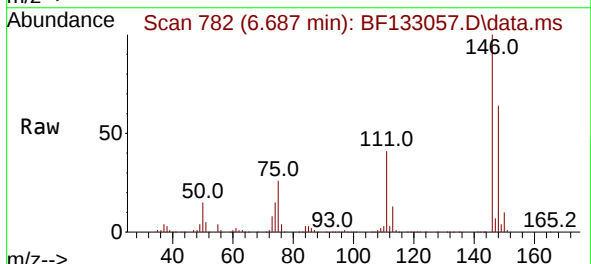
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

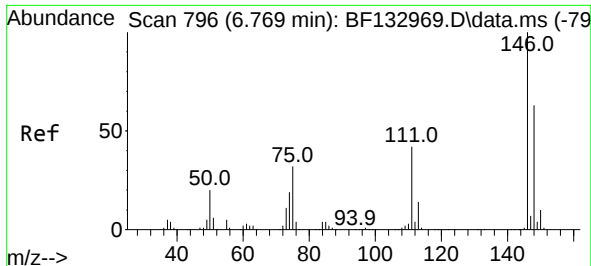
Tgt Ion: 93 Resp: 580142
Ion Ratio Lower Upper
93 100
63 80.5 60.6 100.6
95 33.2 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 37.601 ng
RT: 6.687 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

Tgt Ion:146 Resp: 623375
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
75 26.2 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 37.643 ng

RT: 6.763 min Scan# 796

Delta R.T. 0.000 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

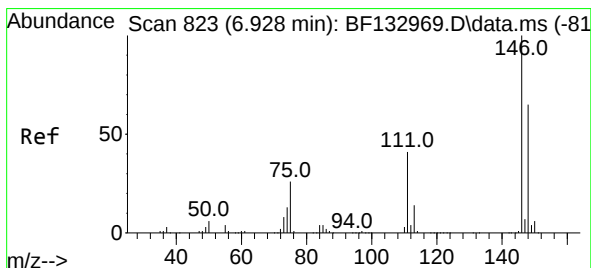
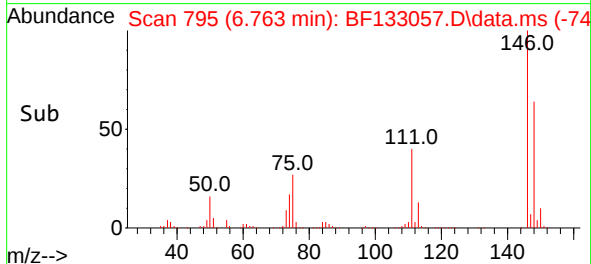
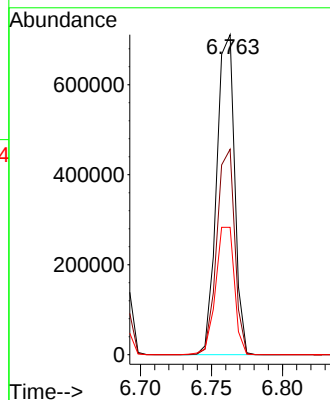
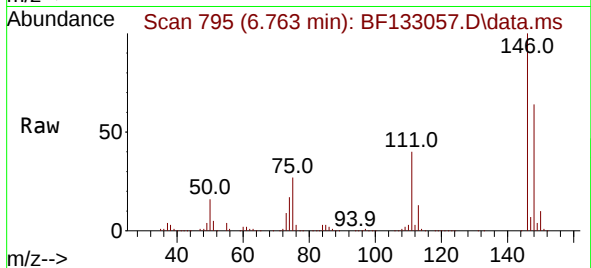
Tgt Ion:146 Resp: 625450

Ion Ratio Lower Upper

146 100

148 64.2 50.3 75.5

111 39.8 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 37.415 ng

RT: 6.916 min Scan# 821

Delta R.T. 0.000 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

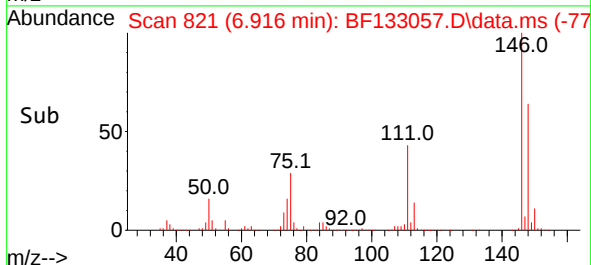
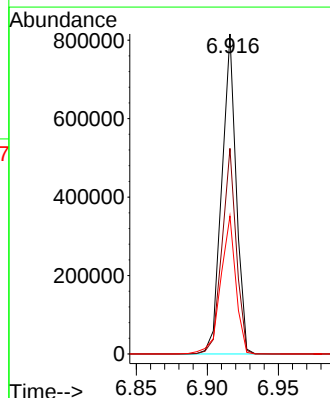
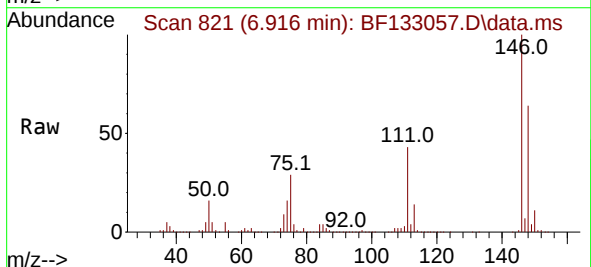
Tgt Ion:146 Resp: 573136

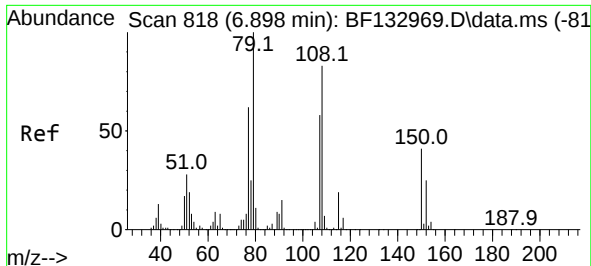
Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.2

111 43.1 32.8 49.2

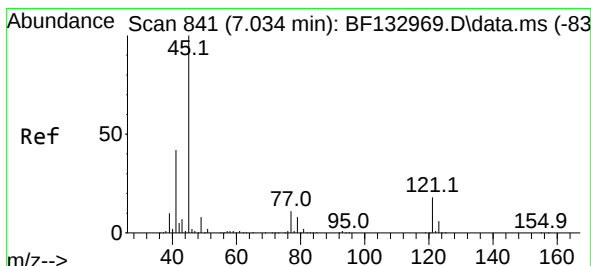
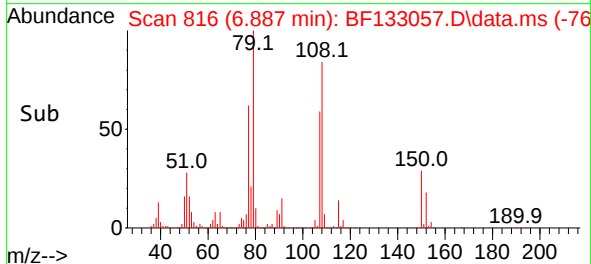
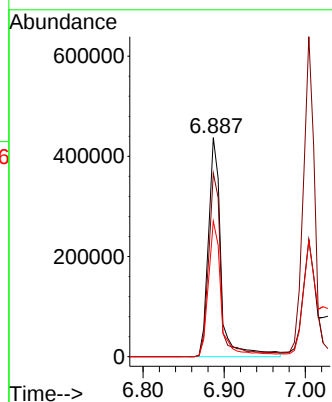
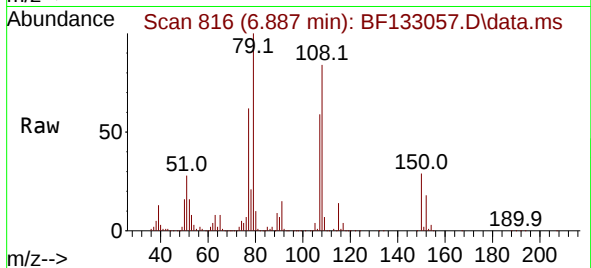




#15
Benzyl Alcohol
Concen: 35.725 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

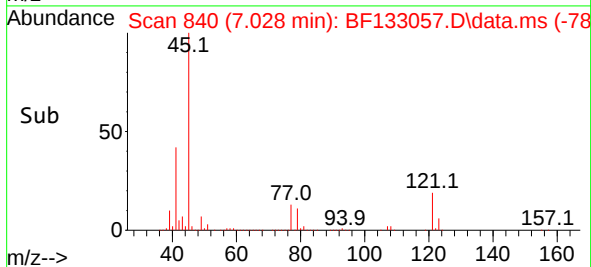
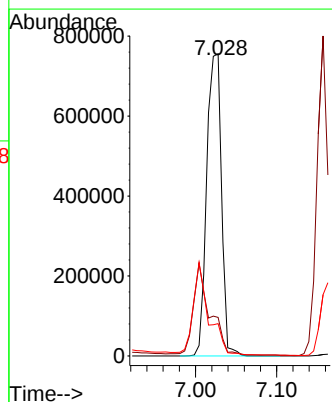
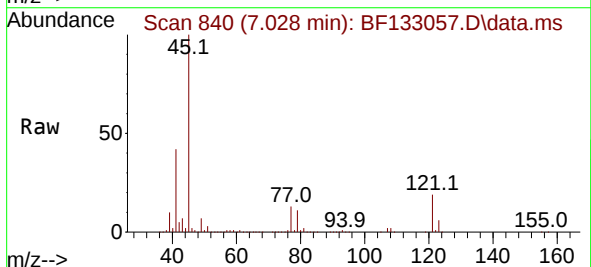
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

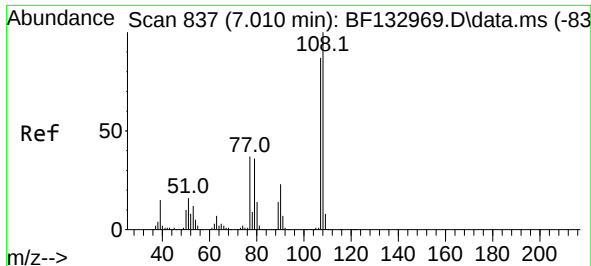
Tgt Ion: 79 Resp: 470415
Ion Ratio Lower Upper
79 100
108 83.7 66.6 99.8
77 61.8 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.545 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

Tgt Ion: 45 Resp: 946843
Ion Ratio Lower Upper
45 100
77 12.7 0.0 31.5
79 10.7 0.0 28.7

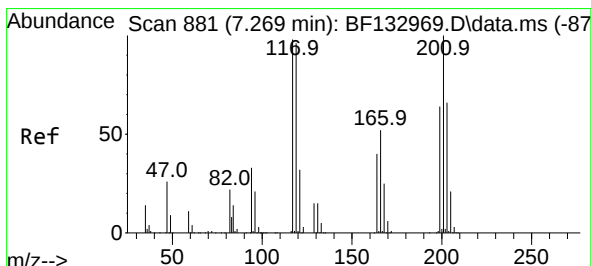
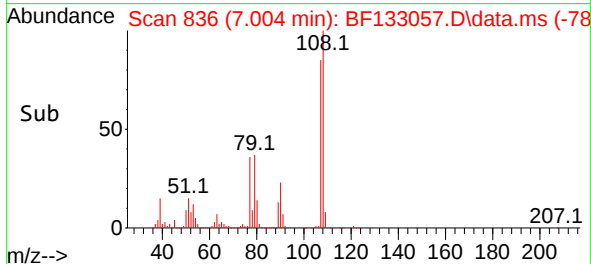
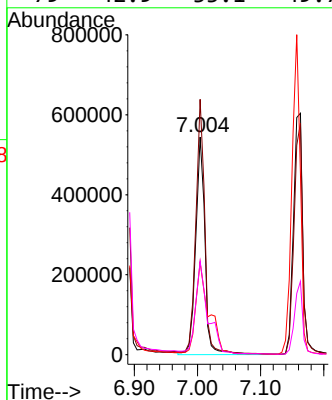
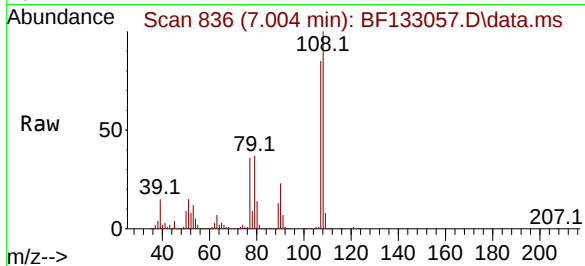




#17
2-Methylphenol
Concen: 38.762 ng
RT: 7.004 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

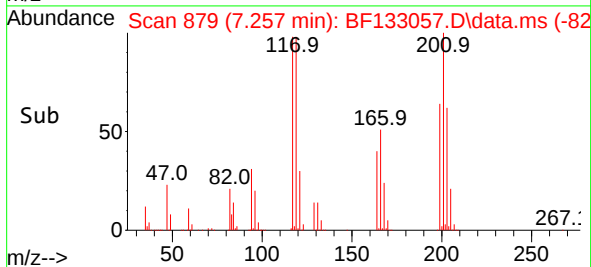
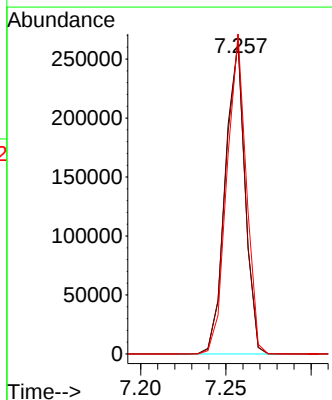
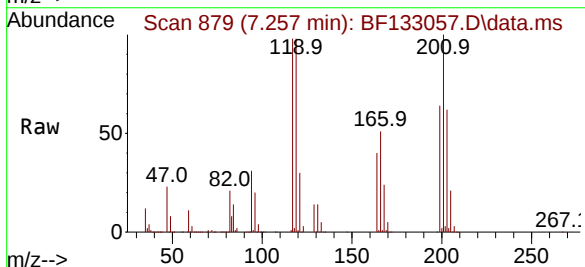
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

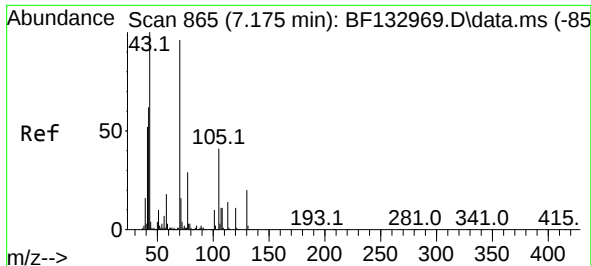
Tgt Ion:	107	Resp:	553472
Ion	Ratio	Lower	Upper
107	100		
108	117.4	92.4	138.6
77	42.6	33.8	50.8
79	42.9	33.1	49.7



#18
Hexachloroethane
Concen: 36.957 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

Tgt Ion:	117	Resp:	213489
Ion	Ratio	Lower	Upper
117	100		
119	99.7	78.2	117.4
201	102.2	81.7	122.5

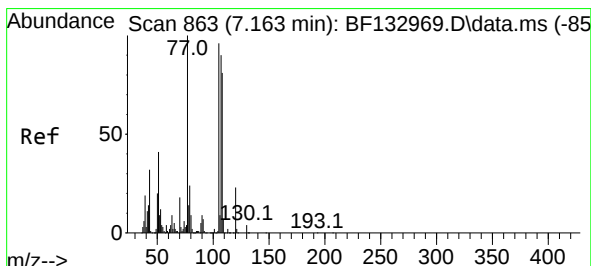
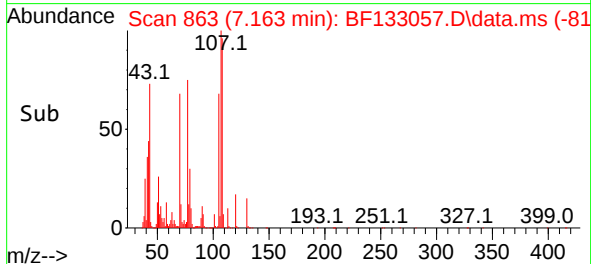
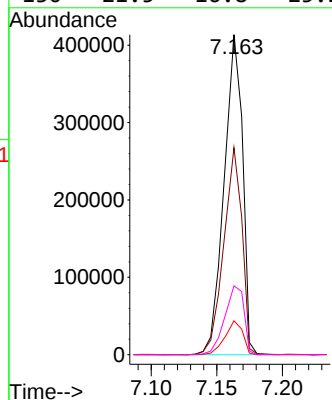
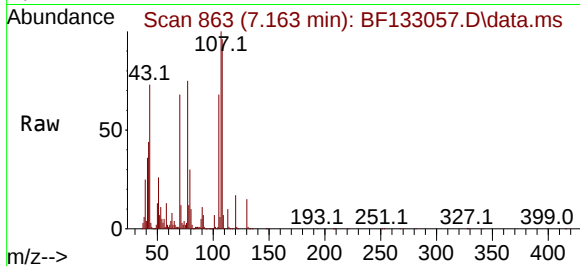




#19
n-Nitroso-di-n-propylamine
Concen: 34.050 ng
RT: 7.163 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

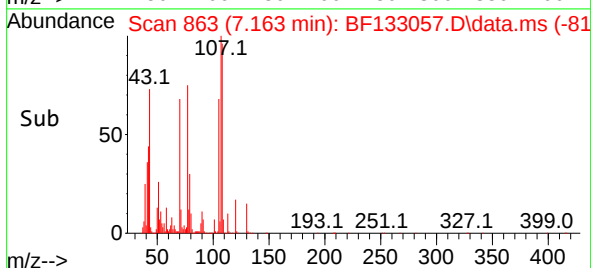
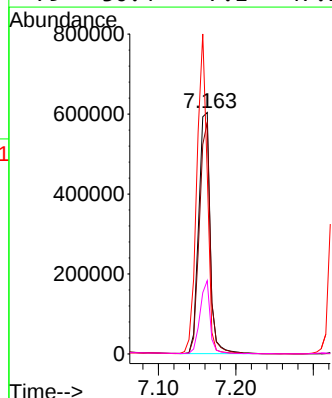
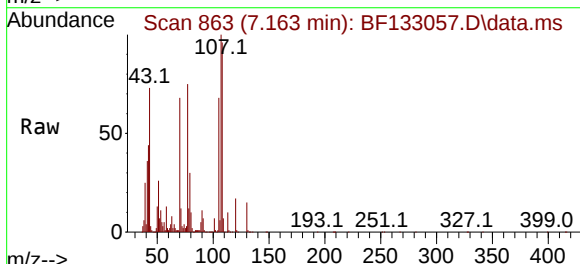
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

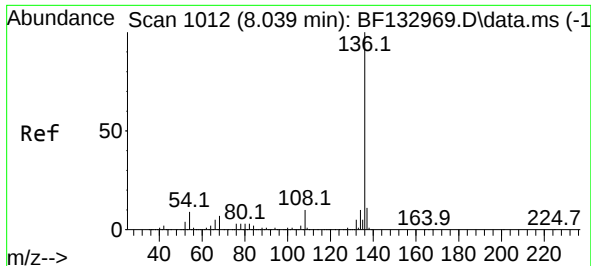
Tgt Ion: 70 Resp: 404083
Ion Ratio Lower Upper
70 100
42 64.7 51.8 77.6
101 10.6 8.0 12.0
130 21.5 16.8 25.2



#20
3+4-Methylphenols
Concen: 36.727 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

Tgt Ion:107 Resp: 617581
Ion Ratio Lower Upper
107 100
108 95.9 70.5 110.5
77 74.9 91.7 131.7#
79 30.4 7.1 47.1



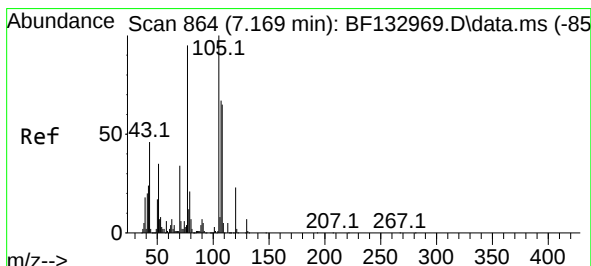
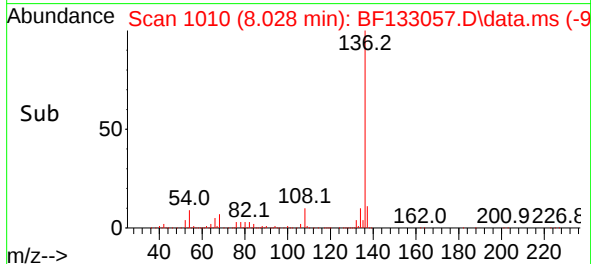
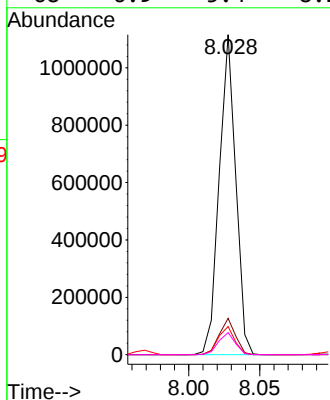
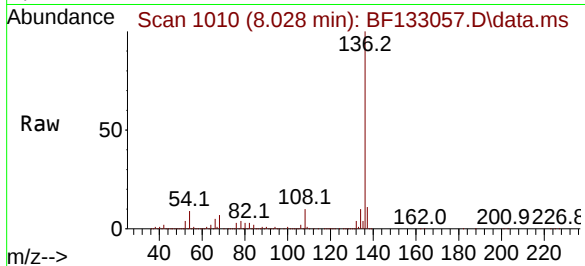


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 900381

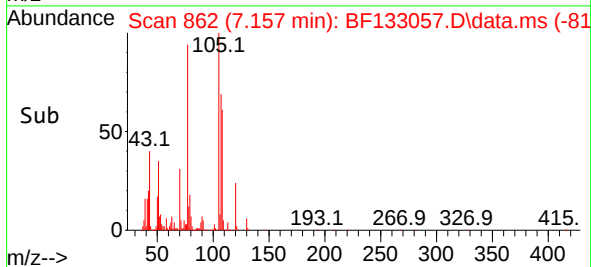
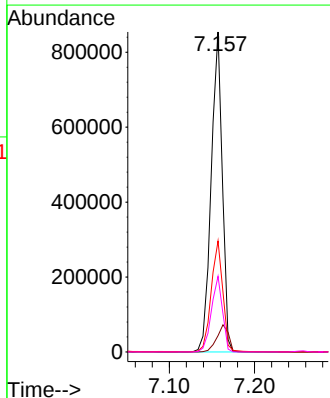
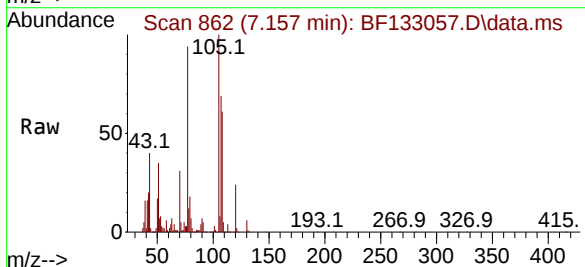
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	8.8	7.0	10.4
68	6.9	5.4	8.2

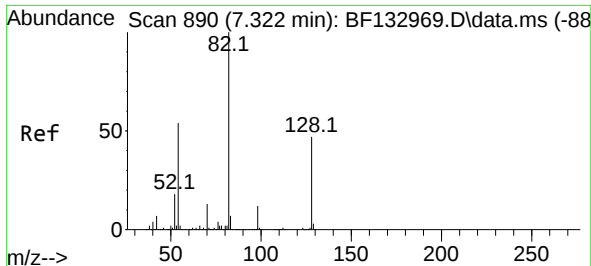


#22
Acetophenone
Concen: 37.098 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

Tgt Ion:105 Resp: 773759

Ion	Ratio	Lower	Upper
105	100		
71	5.1	4.6	7.0
51	34.7	28.2	42.2
120	23.6	18.4	27.6





#23

Nitrobenzene-d5

Concen: 74.509 ng

RT: 7.310 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

Instrument :

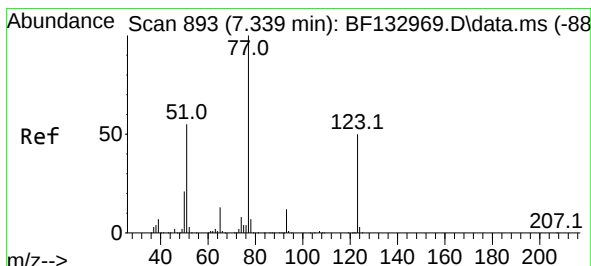
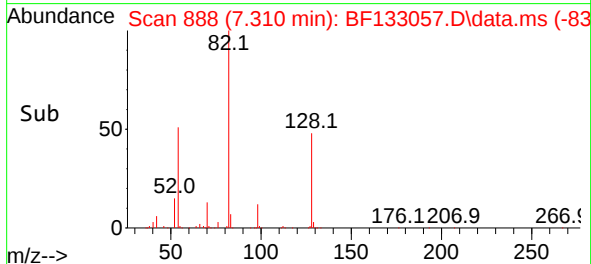
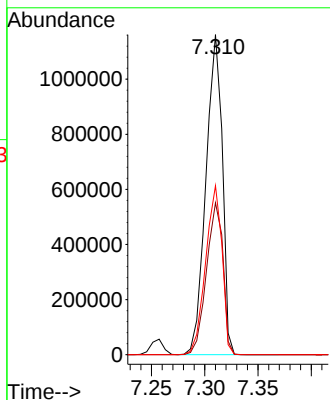
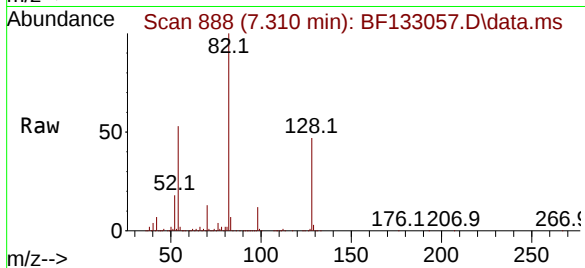
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1242876

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.7	56.5
54	52.8	43.0	64.4



#24

Nitrobenzene

Concen: 37.111 ng

RT: 7.328 min Scan# 891

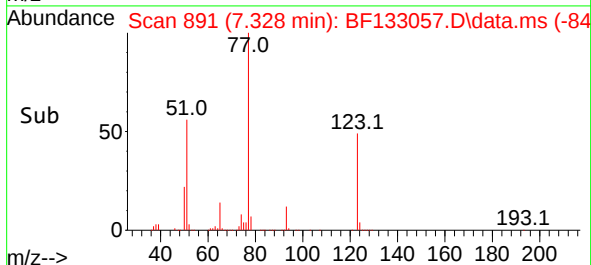
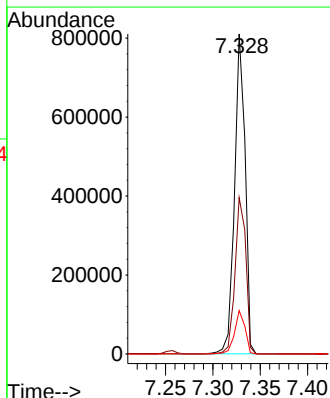
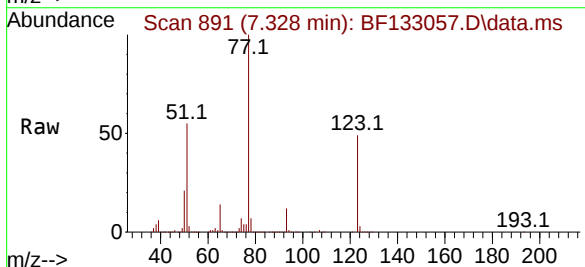
Delta R.T. -0.006 min

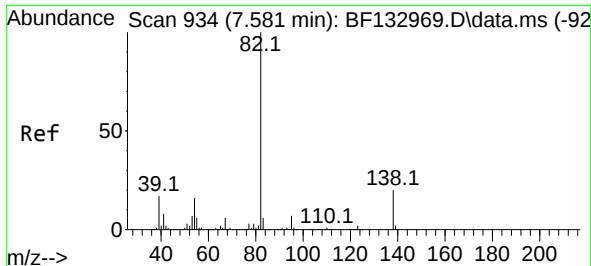
Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

Tgt Ion: 77 Resp: 627292

Ion	Ratio	Lower	Upper
77	100		
123	48.8	39.9	59.9
65	13.6	10.7	16.1

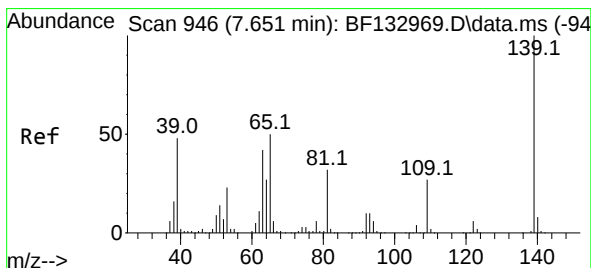
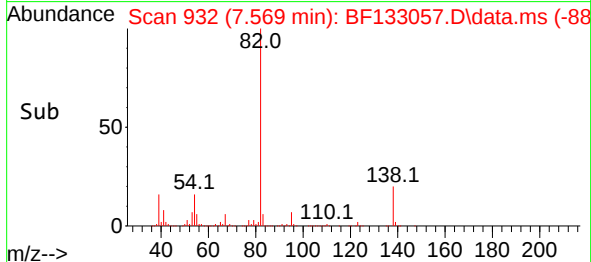
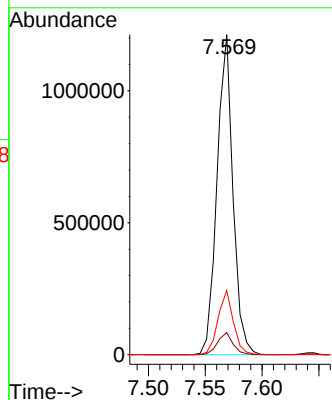
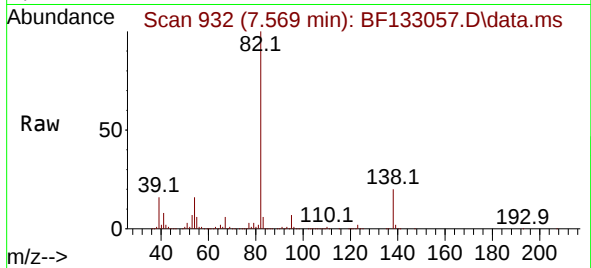




#25
Isophorone
Concen: 37.344 ng
RT: 7.569 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

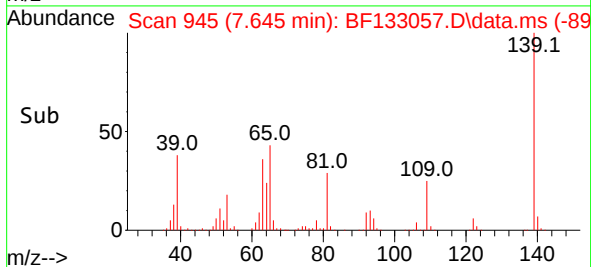
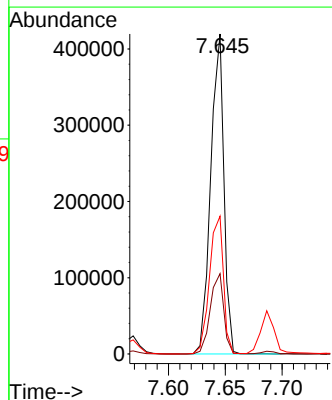
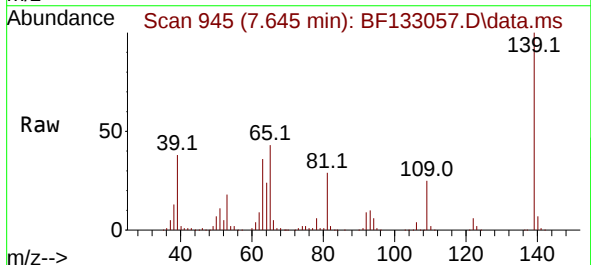
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

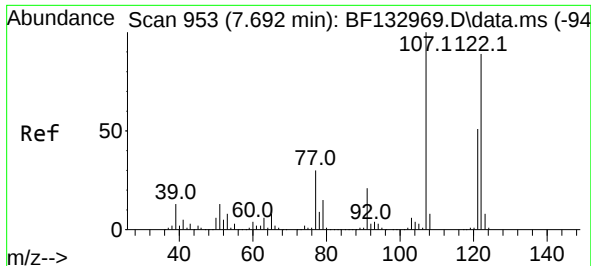
Tgt Ion: 82 Resp: 1182729
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 20.0 16.0 24.0



#26
2-Nitrophenol
Concen: 41.341 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

Tgt Ion:139 Resp: 337049
Ion Ratio Lower Upper
139 100
109 25.1 21.6 32.4
65 43.1 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 38.189 ng

RT: 7.687 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

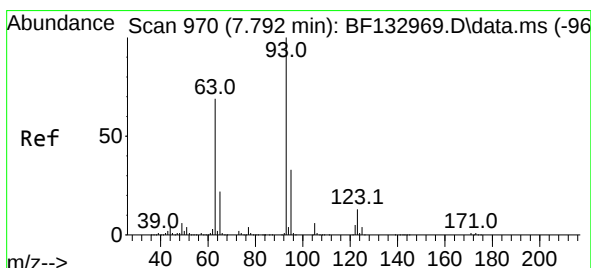
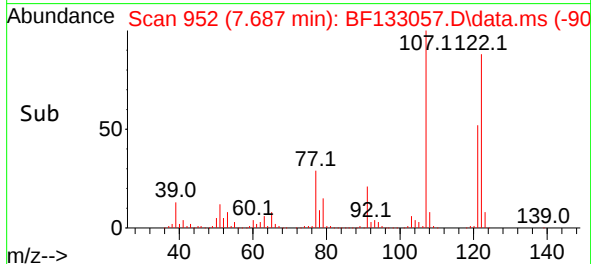
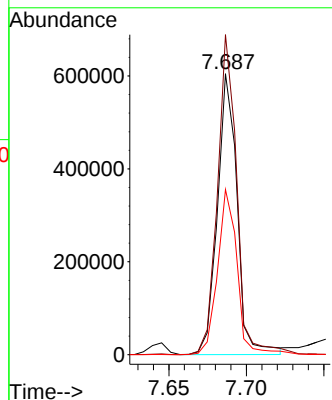
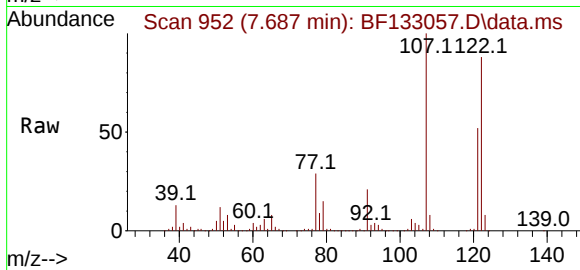
Tgt Ion:122 Resp: 533882

Ion Ratio Lower Upper

122 100

107 113.9 89.7 134.5

121 58.8 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 37.520 ng

RT: 7.781 min Scan# 968

Delta R.T. 0.000 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

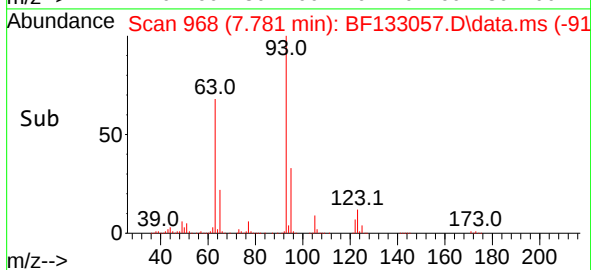
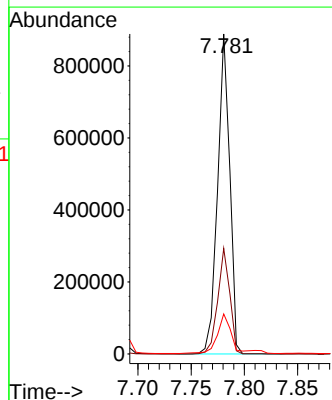
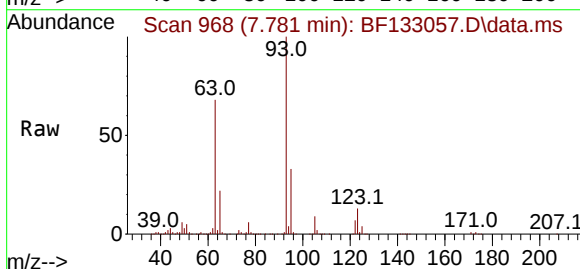
Tgt Ion: 93 Resp: 702978

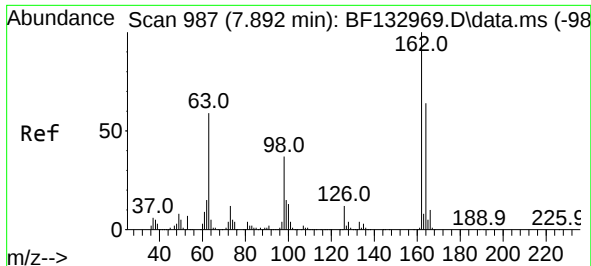
Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

123 12.5 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 39.385 ng

RT: 7.886 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

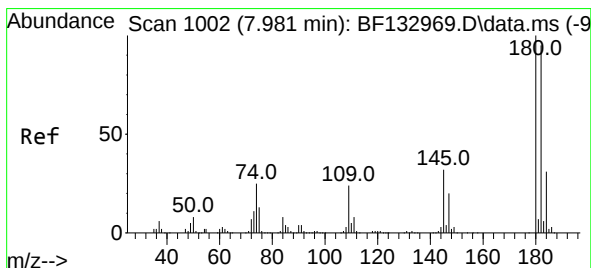
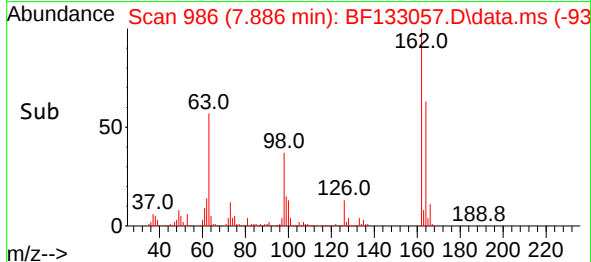
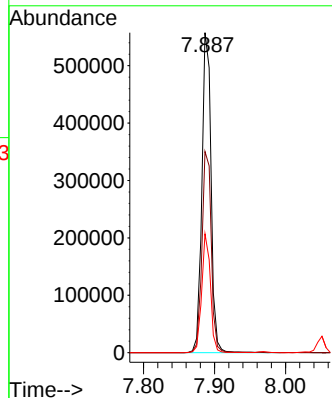
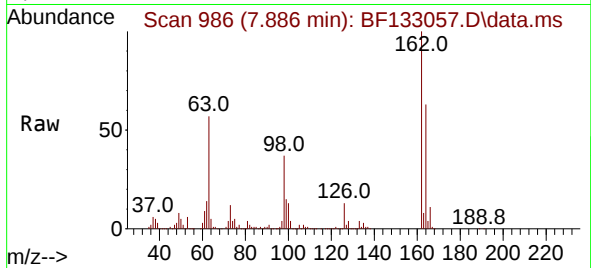
Tgt Ion:162 Resp: 501236

Ion Ratio Lower Upper

162 100

164 62.9 43.9 83.9

98 37.2 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 38.561 ng

RT: 7.969 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

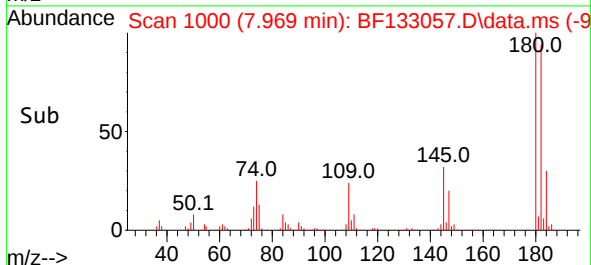
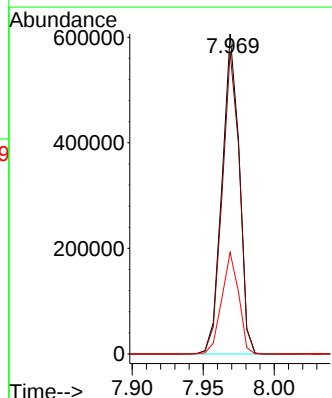
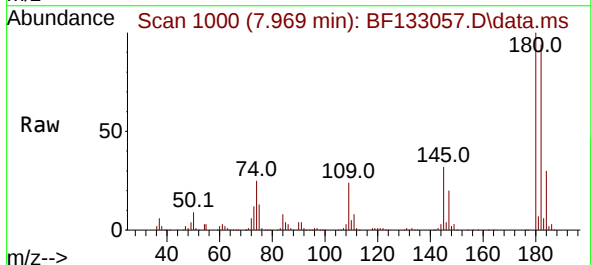
Tgt Ion:180 Resp: 508413

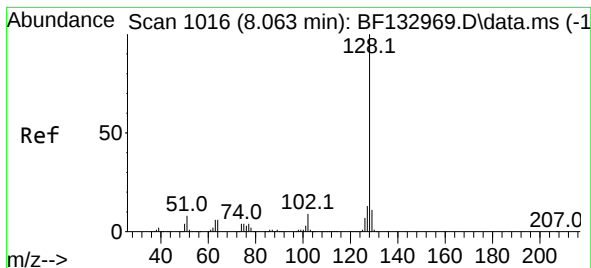
Ion Ratio Lower Upper

180 100

182 94.4 75.9 113.9

145 31.7 25.3 37.9





#31

Naphthalene

Concen: 37.142 ng

RT: 8.051 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

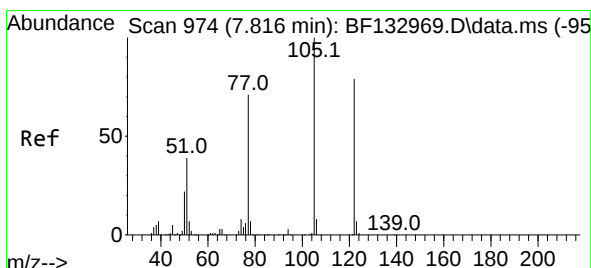
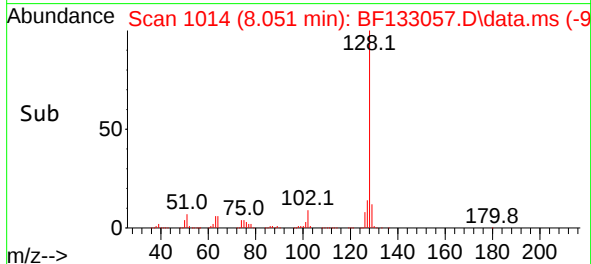
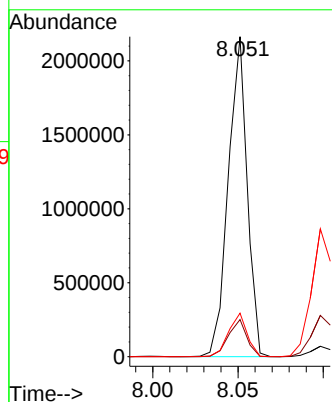
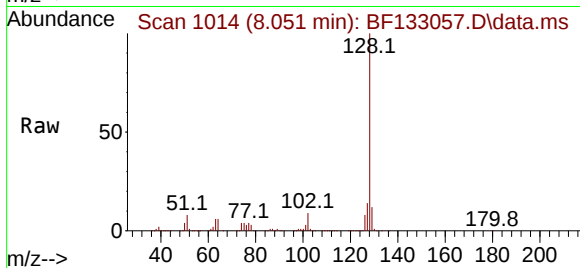
Tgt Ion:128 Resp: 1672014

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

127 13.6 10.7 16.1



#32

Benzoic acid

Concen: 40.167 ng

RT: 7.816 min Scan# 974

Delta R.T. 0.012 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

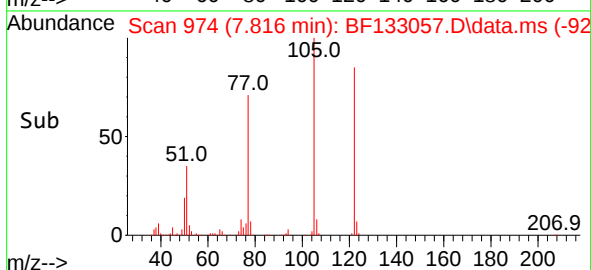
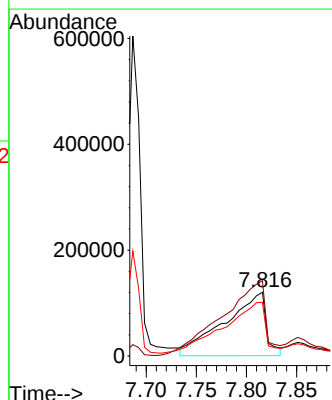
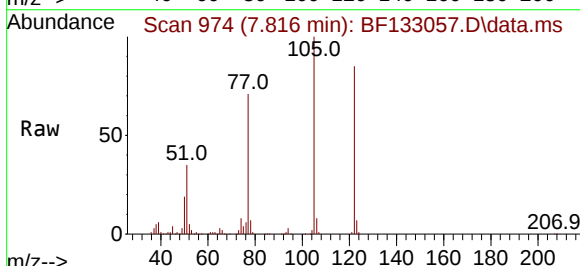
Tgt Ion:122 Resp: 346852

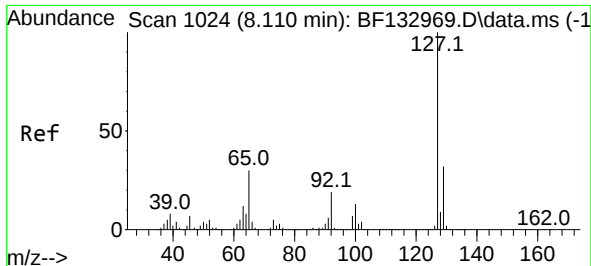
Ion Ratio Lower Upper

122 100

105 118.2 104.2 144.2

77 84.4 69.7 109.7

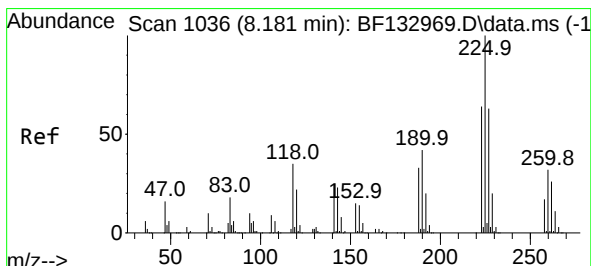
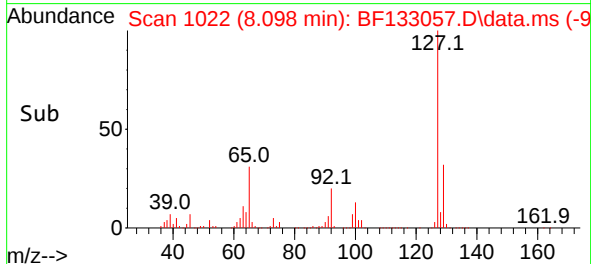
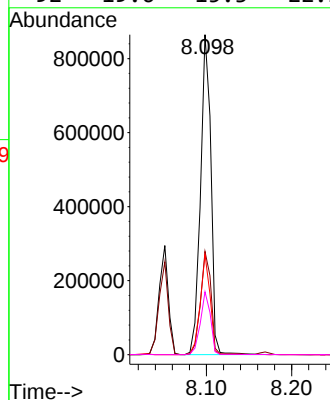
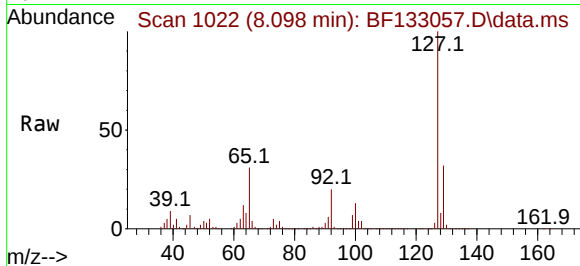




#33
4-Chloroaniline
Concen: 40.344 ng
RT: 8.098 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

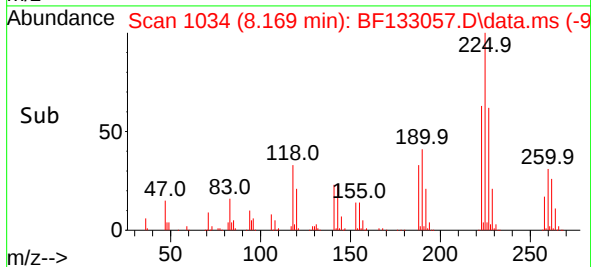
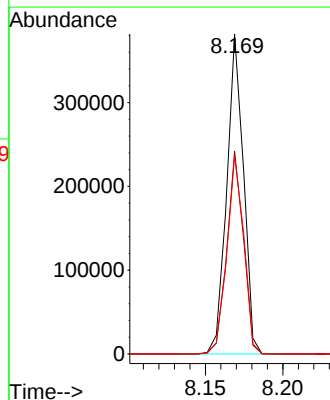
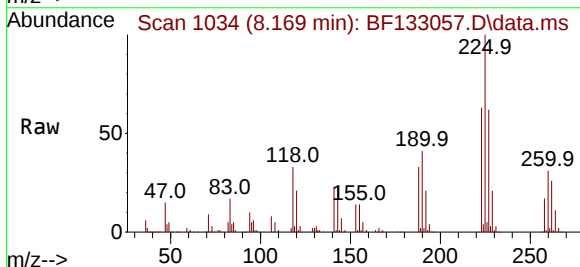
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

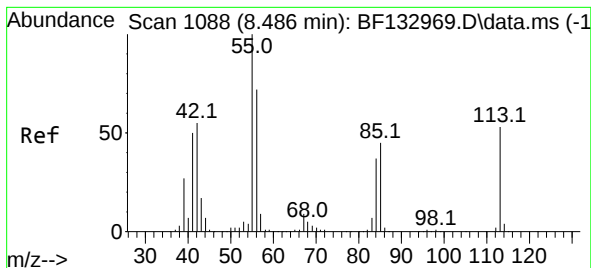
Tgt Ion:127	Resp: 733792
Ion Ratio	Lower Upper
127 100	
129 32.2	25.8 38.8
65 31.3	23.6 35.4
92 19.6	15.3 22.9



#34
Hexachlorobutadiene
Concen: 39.116 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

Tgt Ion:225	Resp: 285840		
Ion Ratio	Lower	Upper	
225	100		
223	63.4	50.9	76.3
227	61.9	50.3	75.5





#35

Caprolactam

Concen: 41.753 ng

RT: 8.481 min Scan# 1104

Delta R.T. 0.006 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

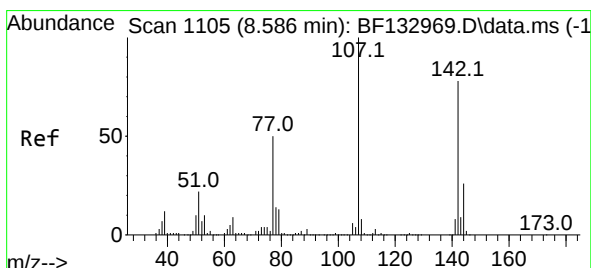
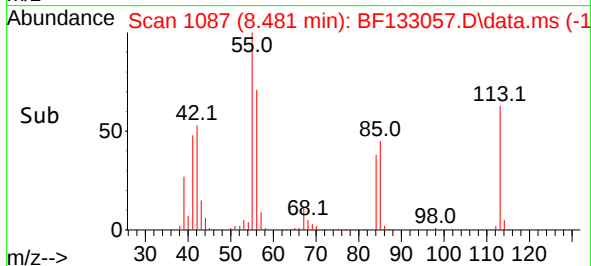
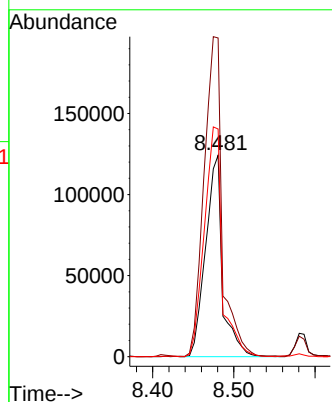
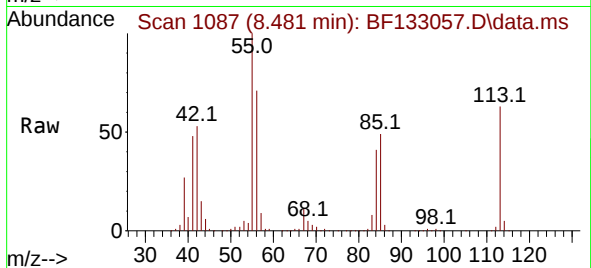
Tgt Ion:113 Resp: 178507

Ion Ratio Lower Upper

113 100

55 158.3 167.1 207.1#

56 113.0 114.5 154.5#



#36

4-Chloro-3-methylphenol

Concen: 39.429 ng

RT: 8.581 min Scan# 1104

Delta R.T. -0.006 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

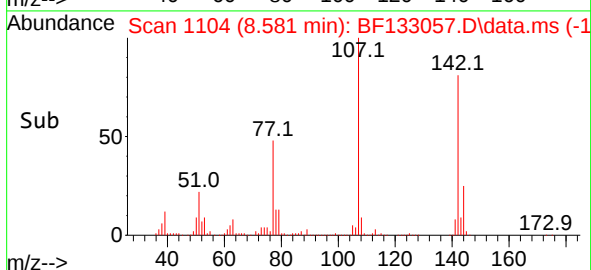
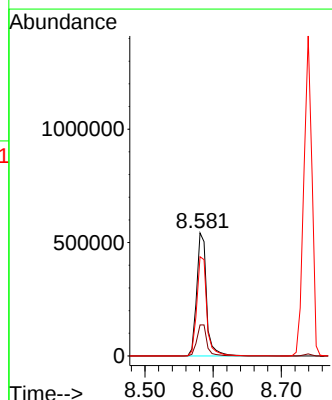
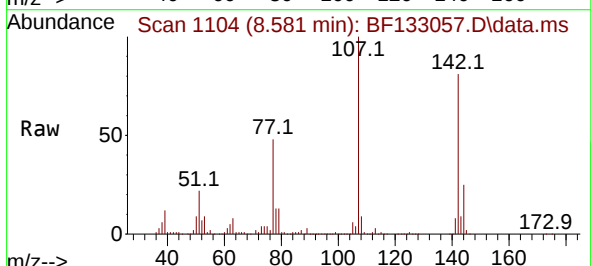
Tgt Ion:107 Resp: 541128

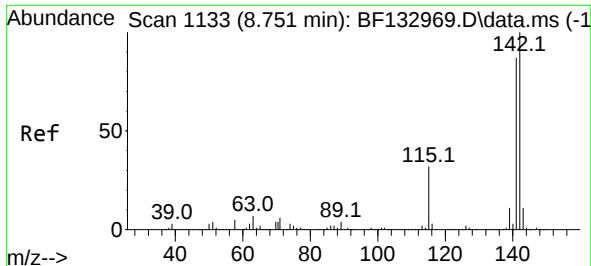
Ion Ratio Lower Upper

107 100

144 25.2 20.6 30.8

142 80.6 62.8 94.2





#37

2-Methylnaphthalene

Concen: 38.063 ng

RT: 8.739 min Scan# 1131

Delta R.T. 0.000 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

Instrument :

BNA_F

ClientSampleId :

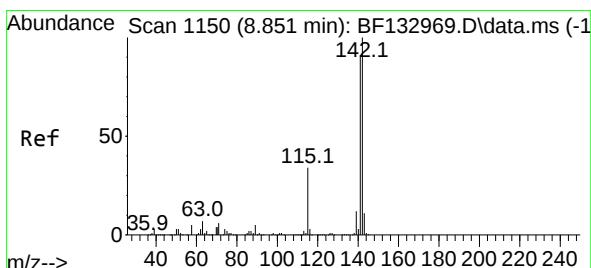
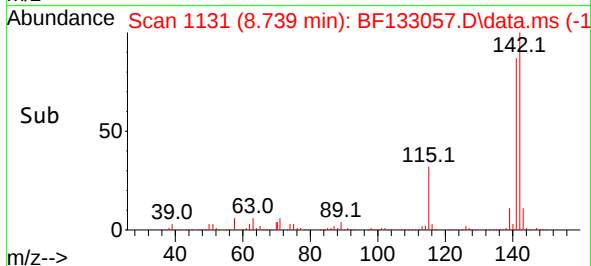
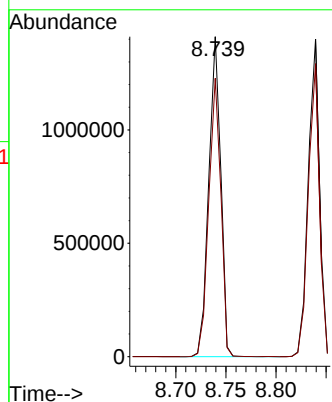
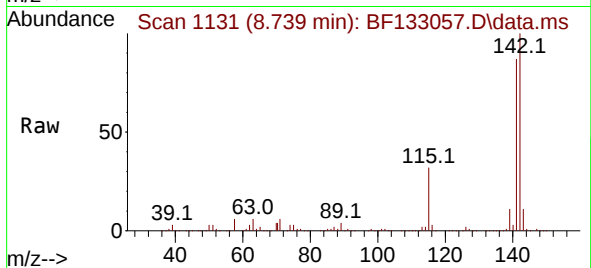
SSTDCCC040

Tgt Ion:142 Resp: 1171455

Ion Ratio Lower Upper

142 100

141 87.0 69.4 104.0



#38

1-Methylnaphthalene

Concen: 37.823 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF133057.D

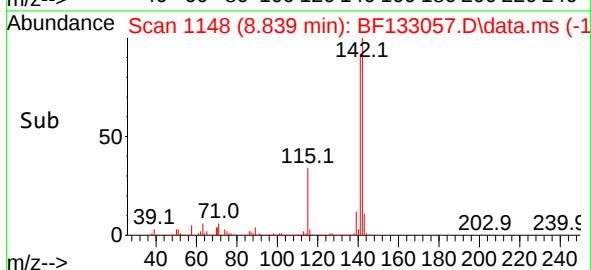
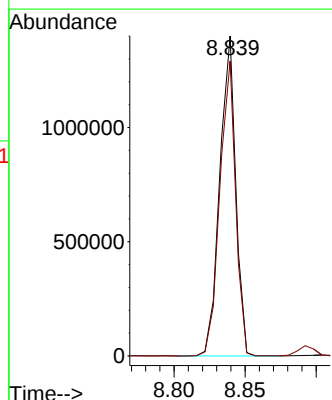
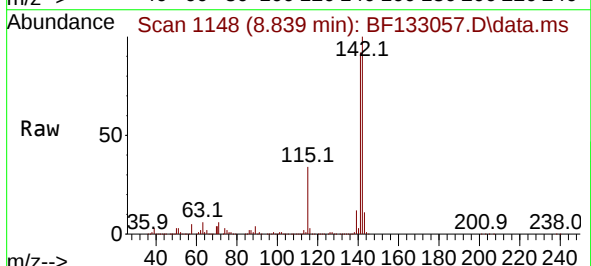
Acq: 26 Apr 2023 10:32

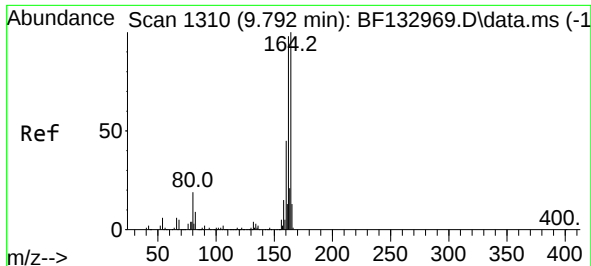
Tgt Ion:142 Resp: 1088963

Ion Ratio Lower Upper

142 100

141 92.2 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.781 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

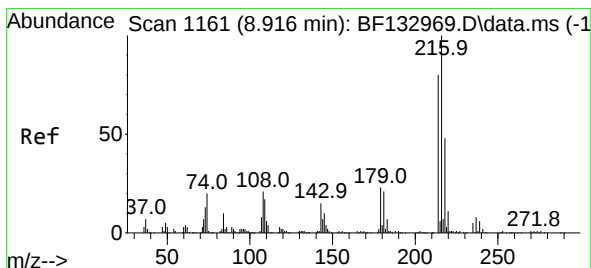
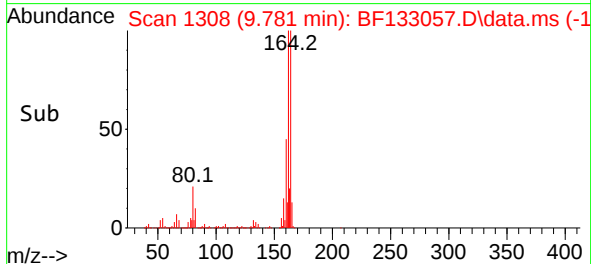
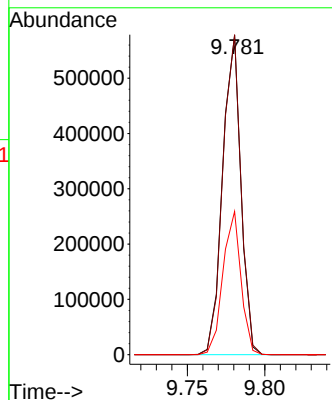
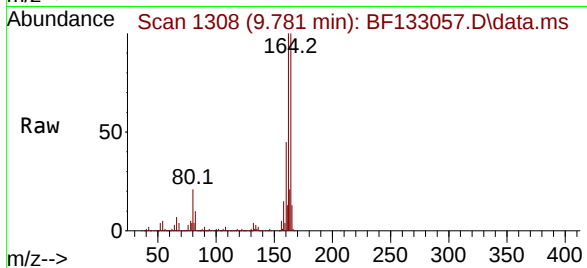
Tgt Ion:164 Resp: 472835

Ion Ratio Lower Upper

164 100

162 100.2 78.7 118.1

160 44.8 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.952 ng

RT: 8.904 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

Tgt Ion:216 Resp: 469778

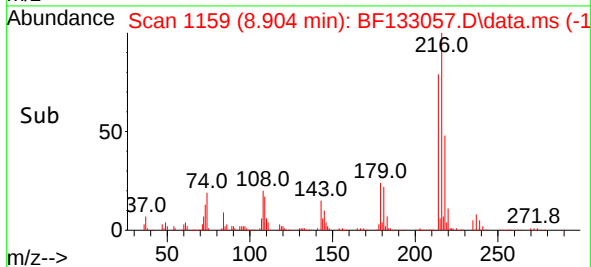
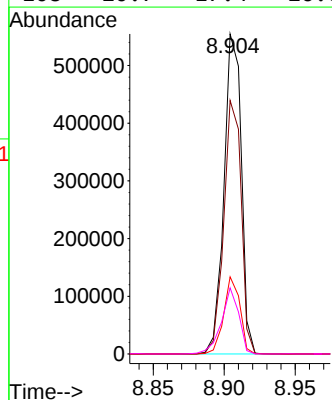
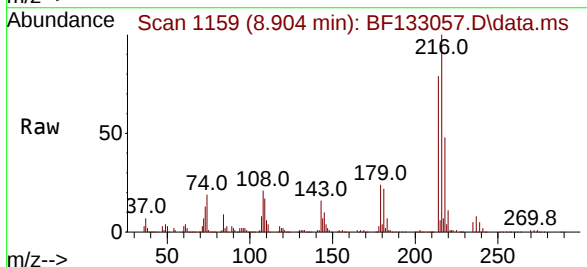
Ion Ratio Lower Upper

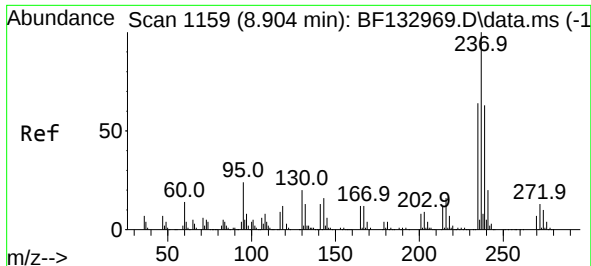
216 100

214 79.6 63.5 95.3

179 22.5 17.4 26.2

108 20.7 17.4 26.0

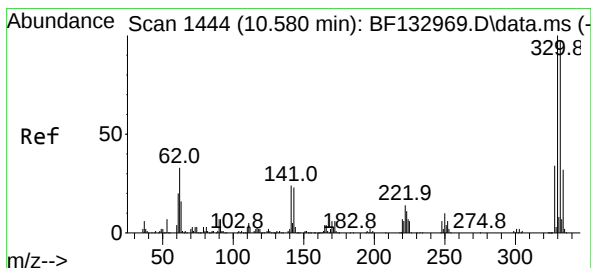
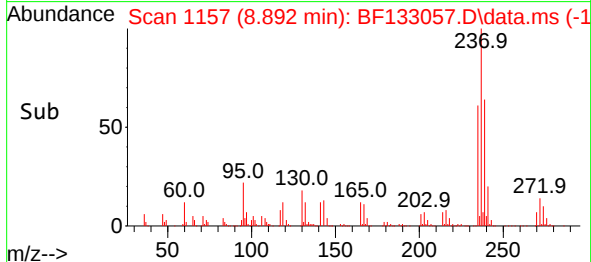
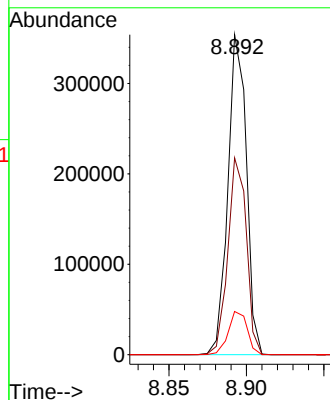
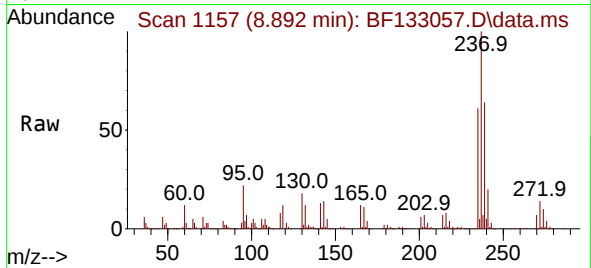




#41
Hexachlorocyclopentadiene
Concen: 39.667 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

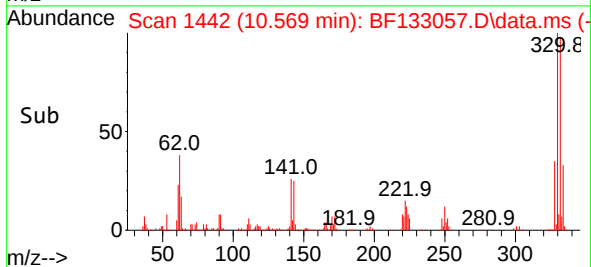
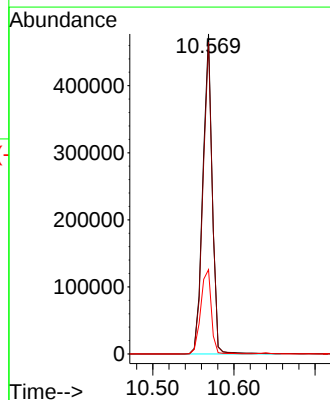
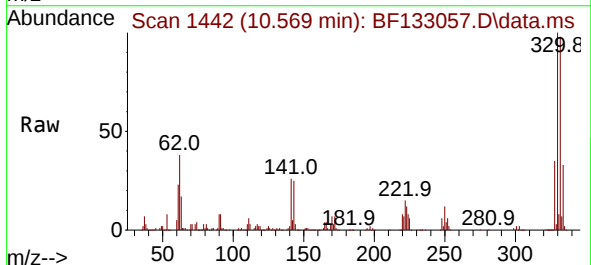
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

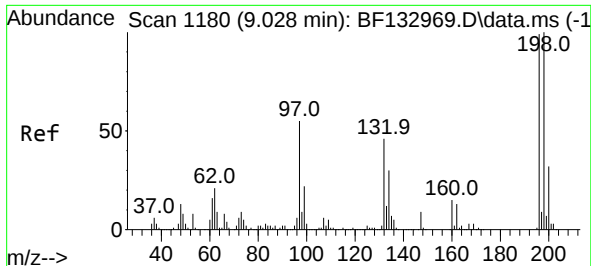
Tgt Ion:237 Resp: 294107
Ion Ratio Lower Upper
237 100
235 61.5 43.5 83.5
272 13.5 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 80.321 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

Tgt Ion:330 Resp: 381946
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 29.7 25.8 38.8

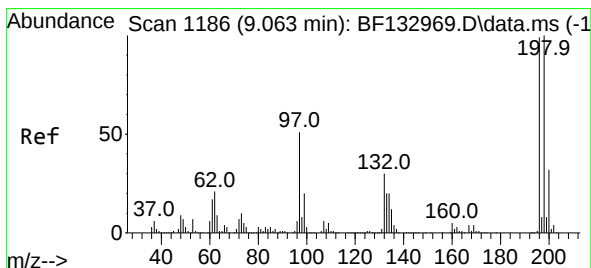
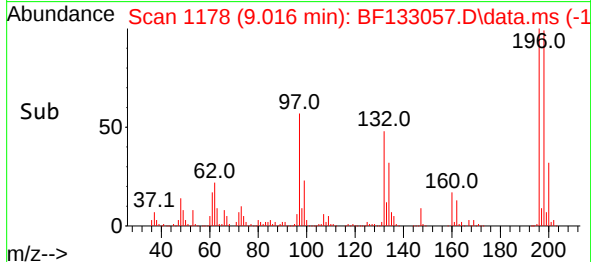
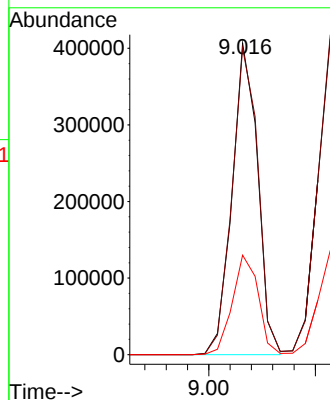
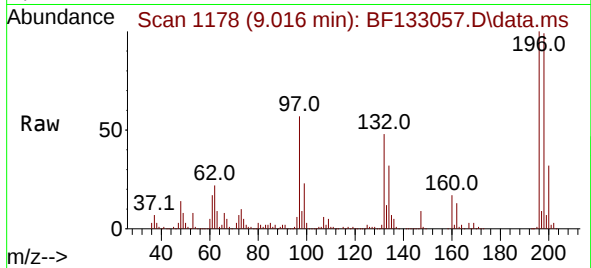




#43
2,4,6-Trichlorophenol
Concen: 38.465 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

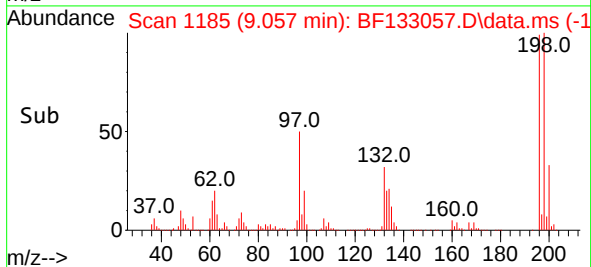
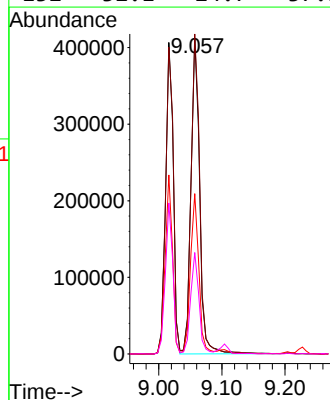
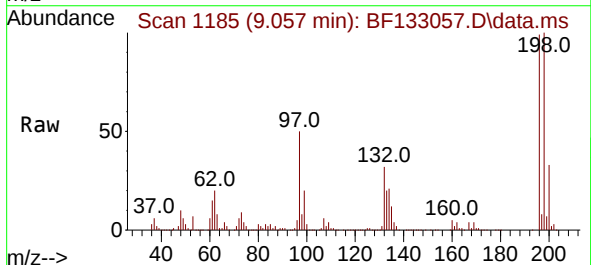
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

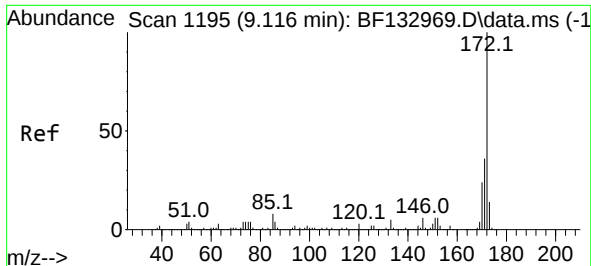
Tgt Ion:196 Resp: 338190
Ion Ratio Lower Upper
196 100
198 98.5 81.0 121.6
200 32.0 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 38.948 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

Tgt Ion:196 Resp: 396029
Ion Ratio Lower Upper
196 100
198 101.3 80.9 121.3
97 50.7 41.3 61.9
132 32.1 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 74.802 ng

RT: 9.104 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

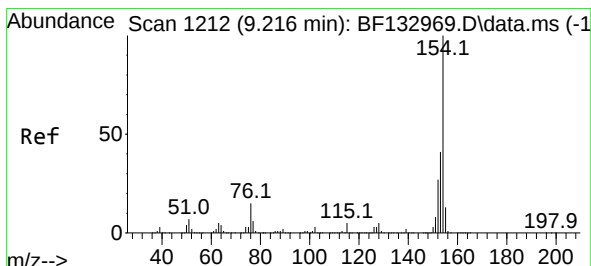
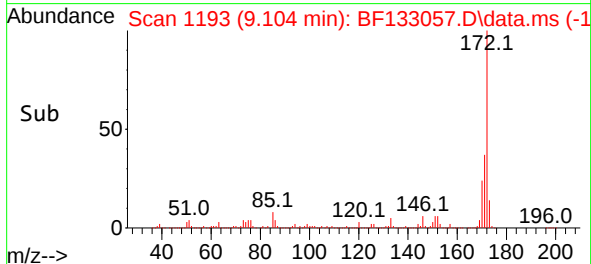
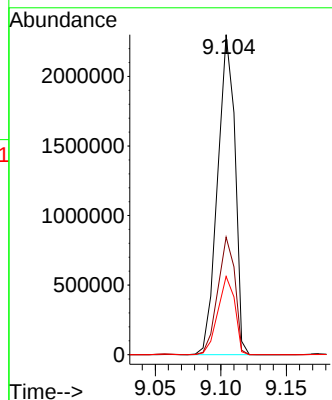
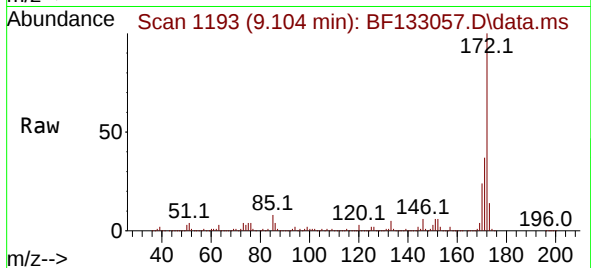
Tgt Ion:172 Resp: 2114107

Ion Ratio Lower Upper

172 100

171 36.8 28.8 43.2

170 24.5 19.4 29.2



#46

1,1'-Biphenyl

Concen: 36.978 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

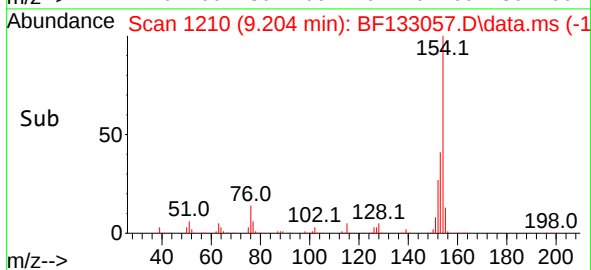
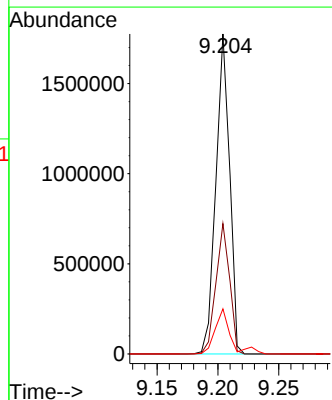
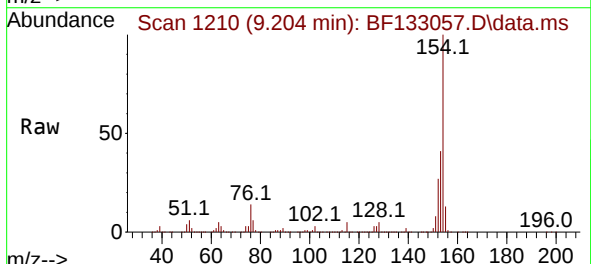
Tgt Ion:154 Resp: 1386432

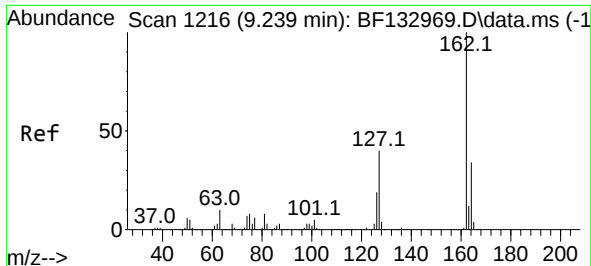
Ion Ratio Lower Upper

154 100

153 40.7 21.0 61.0

76 14.1 0.0 34.5





#47

2-Chloronaphthalene

Concen: 37.118 ng

RT: 9.228 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

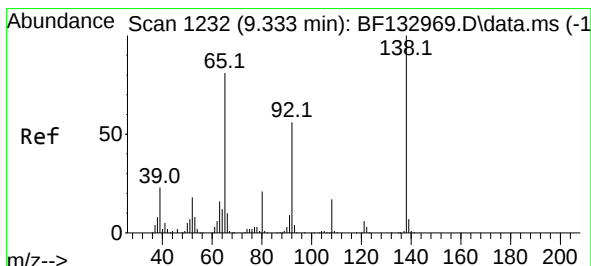
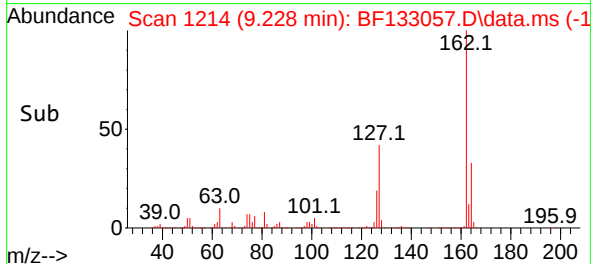
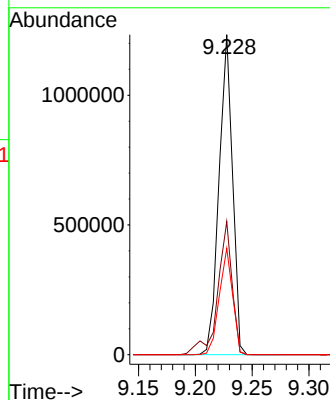
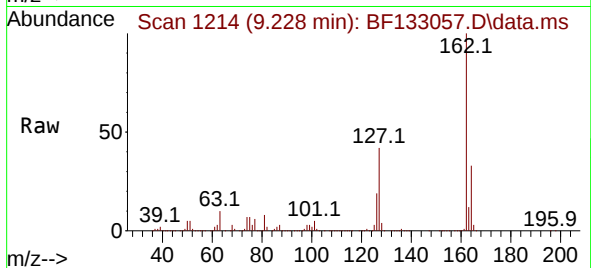
Tgt Ion:162 Resp: 1018631

Ion Ratio Lower Upper

162 100

127 41.6 32.3 48.5

164 33.3 26.8 40.2



#48

2-Nitroaniline

Concen: 37.428 ng

RT: 9.322 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

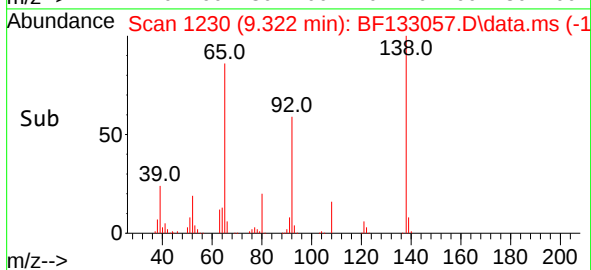
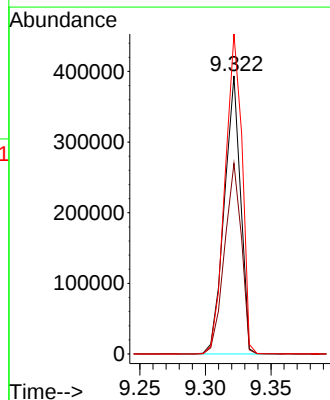
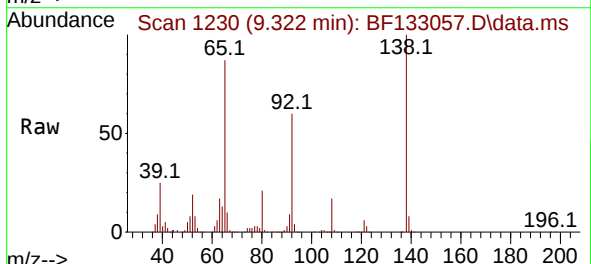
Tgt Ion: 65 Resp: 339459

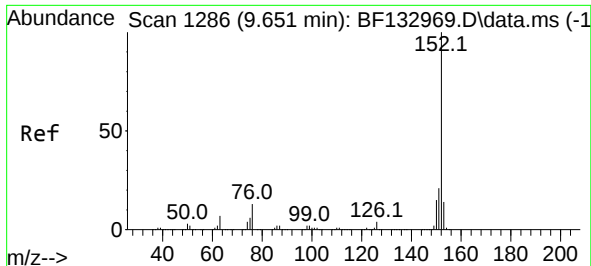
Ion Ratio Lower Upper

65 100

92 68.5 55.4 83.0

138 115.0 98.2 147.2





#49

Acenaphthylene

Concen: 37.236 ng

RT: 9.639 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

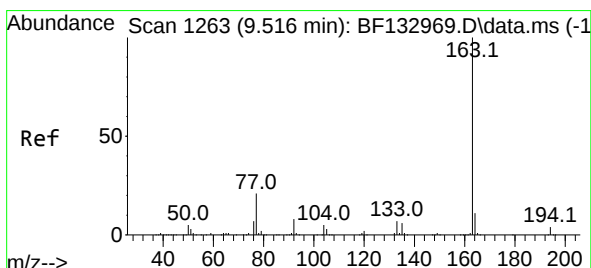
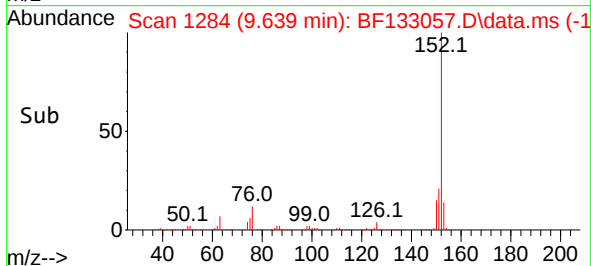
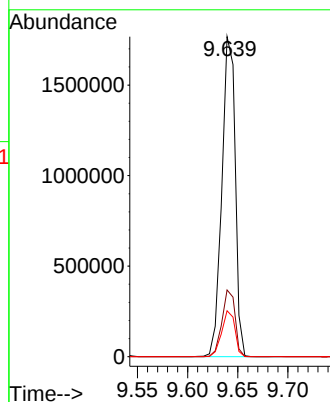
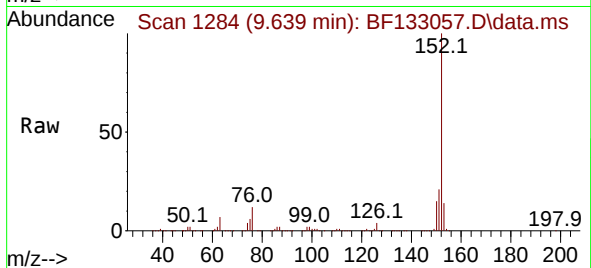
Tgt Ion:152 Resp: 1632805

Ion Ratio Lower Upper

152 100

151 20.8 16.6 24.8

153 14.4 11.5 17.3



#50

Dimethylphthalate

Concen: 38.111 ng

RT: 9.510 min Scan# 1262

Delta R.T. 0.000 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

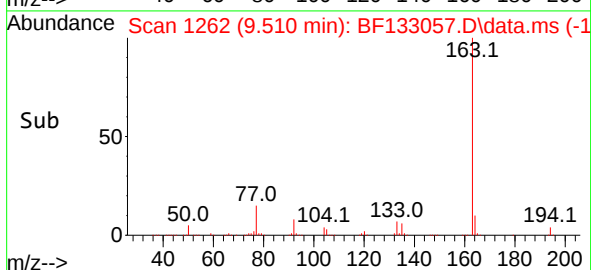
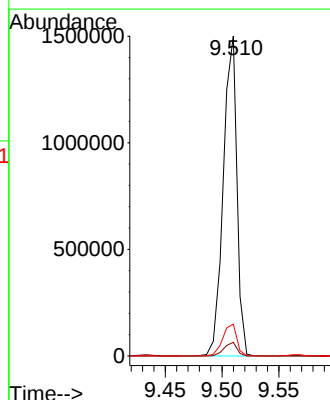
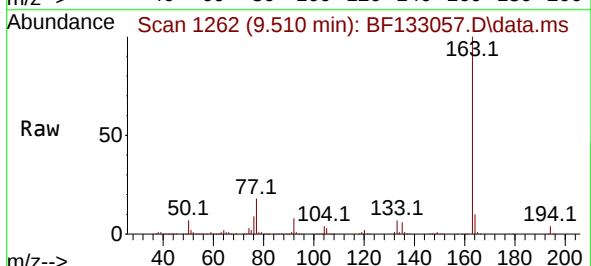
Tgt Ion:163 Resp: 1256531

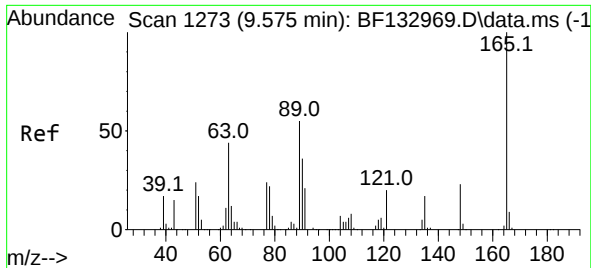
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 10.0 8.5 12.7

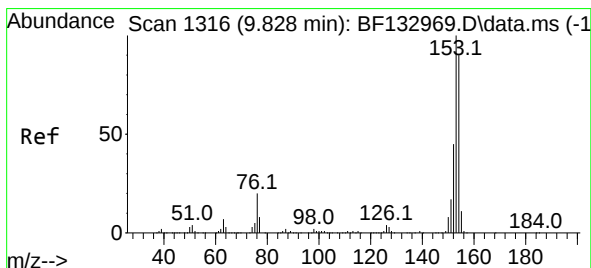
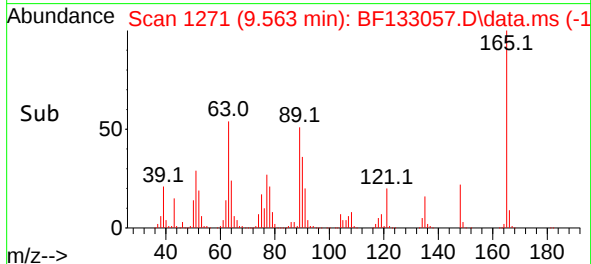
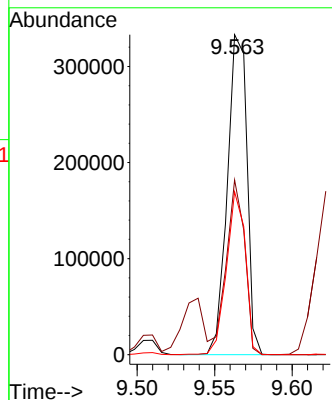
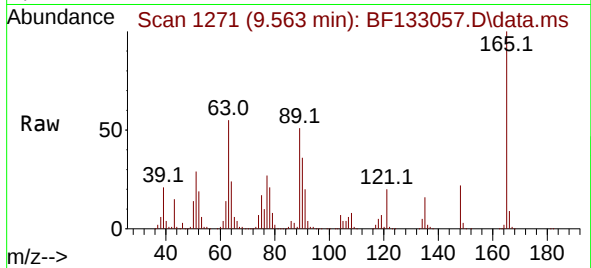




#51
2,6-Dinitrotoluene
Concen: 39.660 ng
RT: 9.563 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

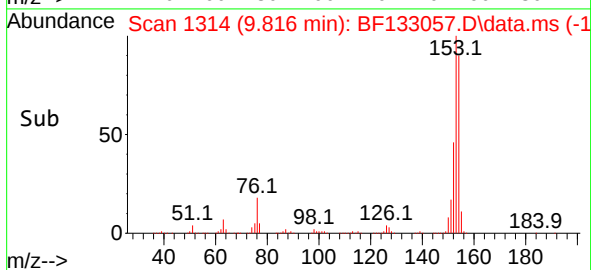
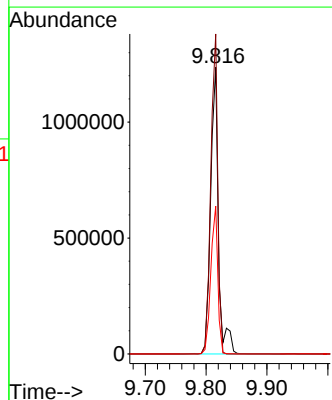
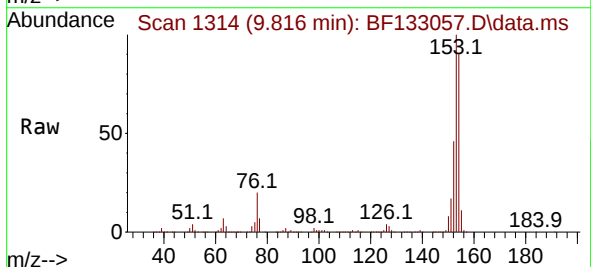
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

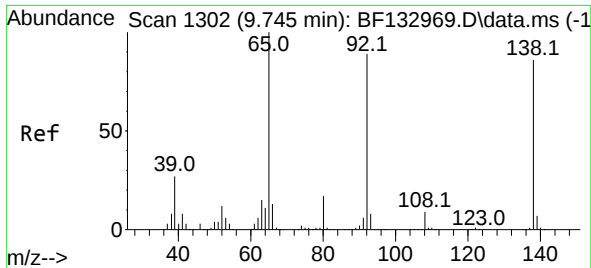
Tgt Ion:165 Resp: 294300
Ion Ratio Lower Upper
165 100
63 54.6 45.9 68.9
89 50.9 44.0 66.0



#52
Acenaphthene
Concen: 37.390 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

Tgt Ion:154 Resp: 1098071
Ion Ratio Lower Upper
154 100
153 111.7 89.0 133.6
152 51.6 40.4 60.6

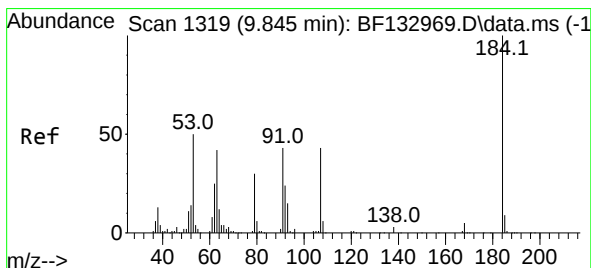
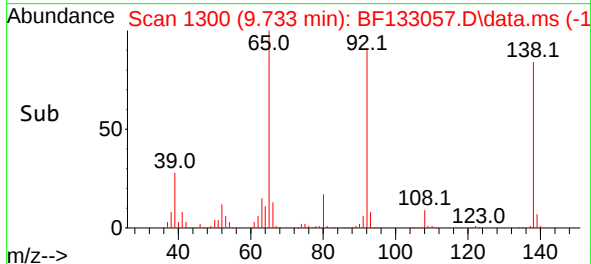
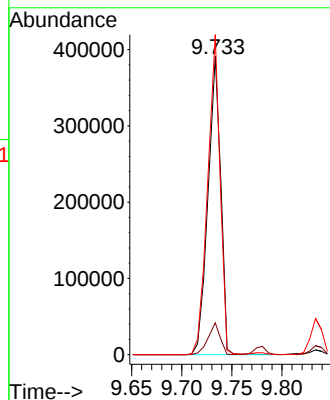
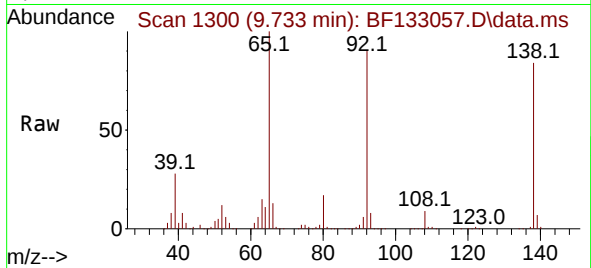




#53
3-Nitroaniline
Concen: 39.144 ng
RT: 9.733 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

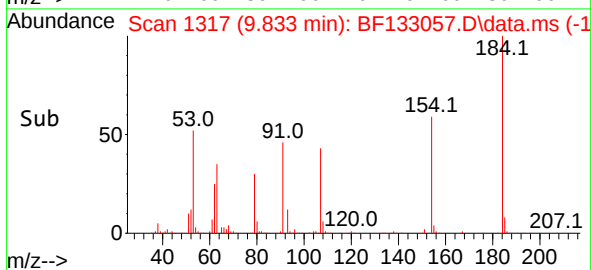
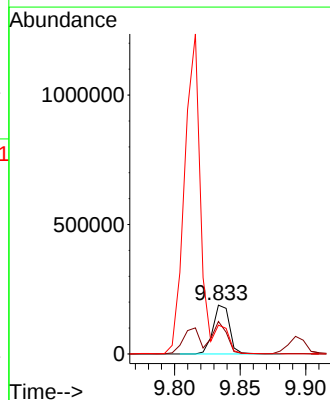
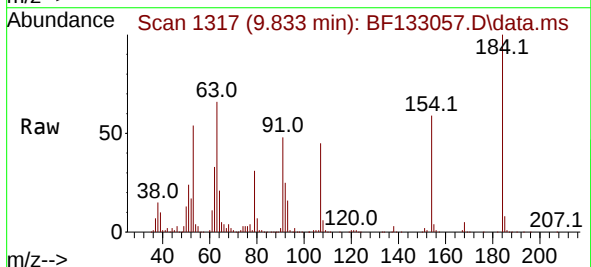
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

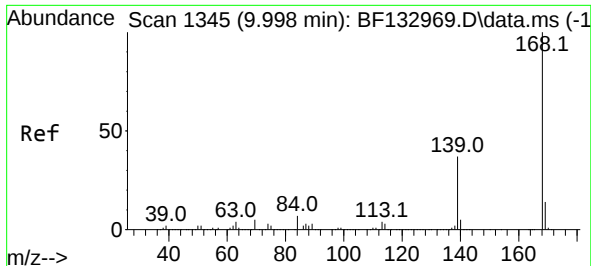
Tgt Ion:138 Resp: 345383
Ion Ratio Lower Upper
138 100
108 10.7 8.0 12.0
92 107.2 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 44.588 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

Tgt Ion:184 Resp: 166311
Ion Ratio Lower Upper
184 100
63 66.5 49.8 74.8
154 58.9 49.5 74.3

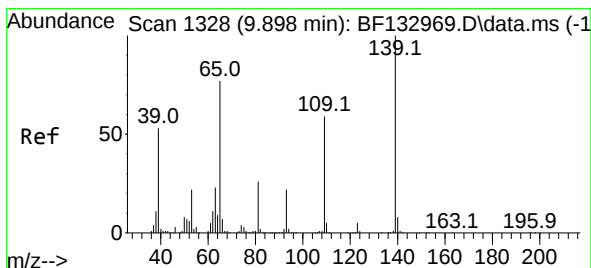
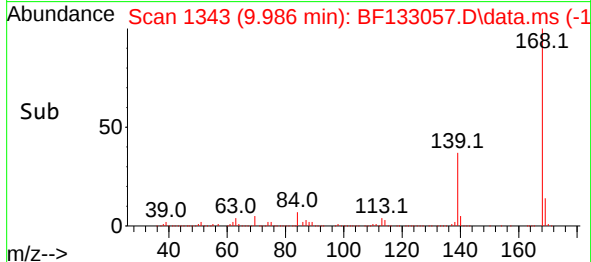
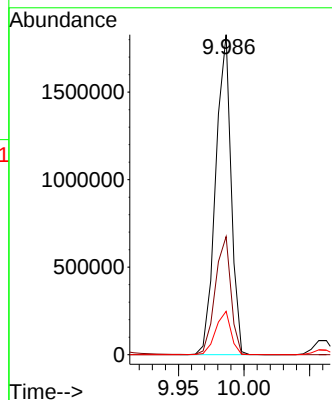
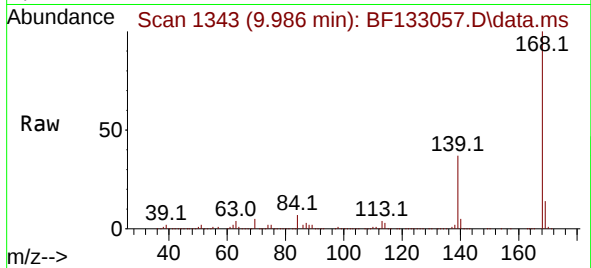




#55
Dibenzenofuran
Concen: 37.212 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

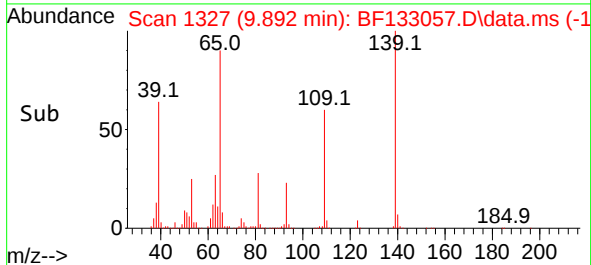
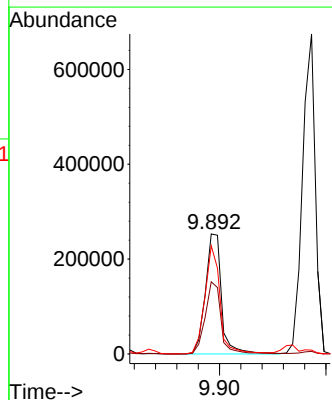
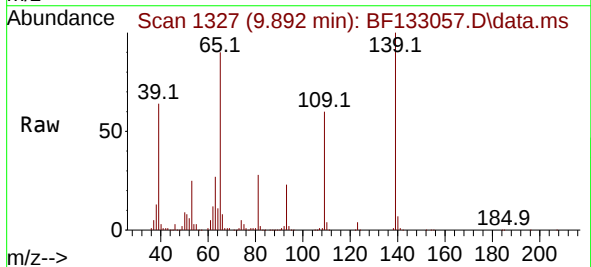
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

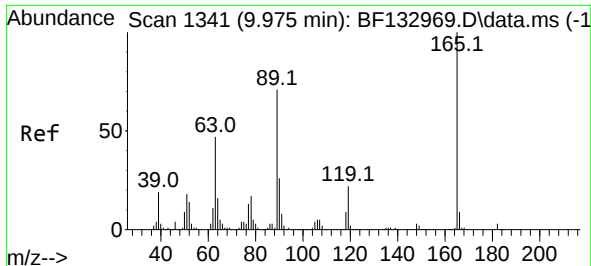
Tgt Ion:168 Resp: 1490745
Ion Ratio Lower Upper
168 100
139 36.9 29.8 44.8
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 39.103 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

Tgt Ion:139 Resp: 267223
Ion Ratio Lower Upper
139 100
109 60.2 39.4 79.4
65 90.2 57.5 97.5

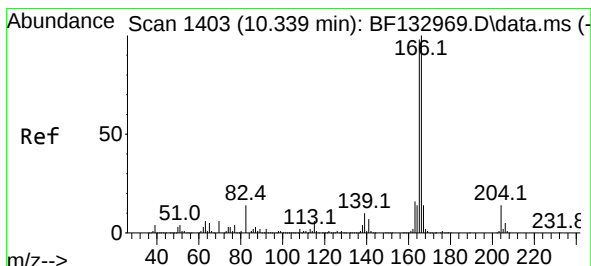
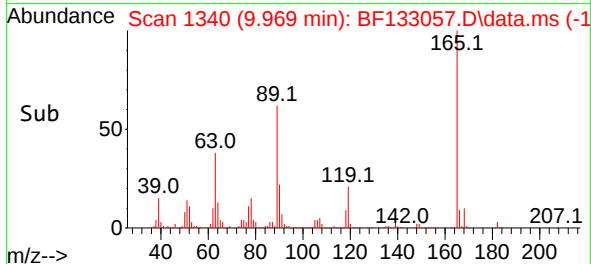
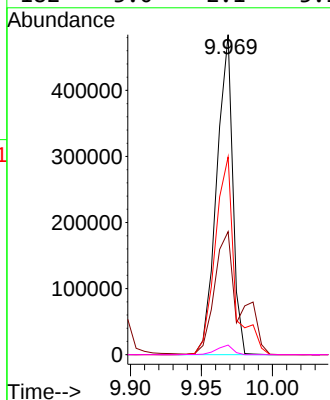
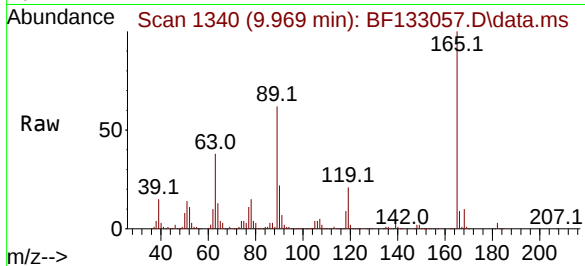




#57
2,4-Dinitrotoluene
Concen: 40.207 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

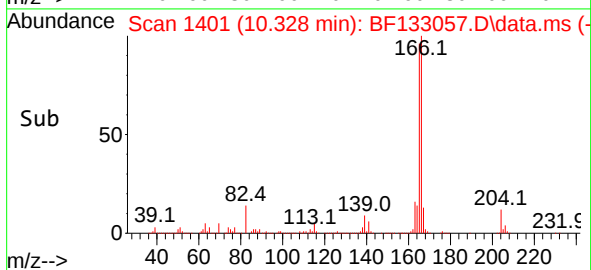
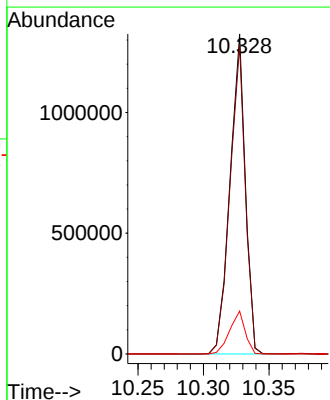
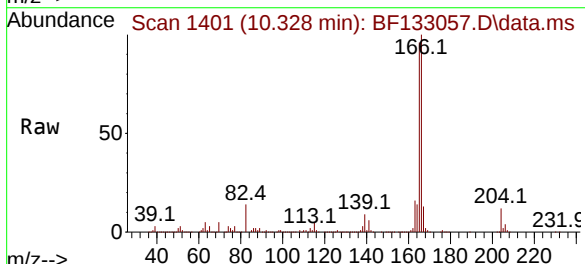
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

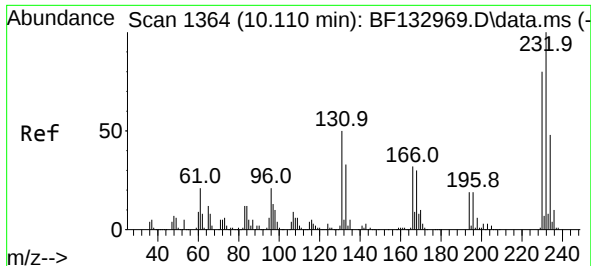
Tgt Ion:165 Resp: 380500
Ion Ratio Lower Upper
165 100
63 38.5 37.7 56.5
89 61.8 57.0 85.4
182 3.0 2.1 3.1



#58
Fluorene
Concen: 36.798 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

Tgt Ion:166 Resp: 1080038
Ion Ratio Lower Upper
166 100
165 96.4 78.6 117.8
167 13.4 11.0 16.4

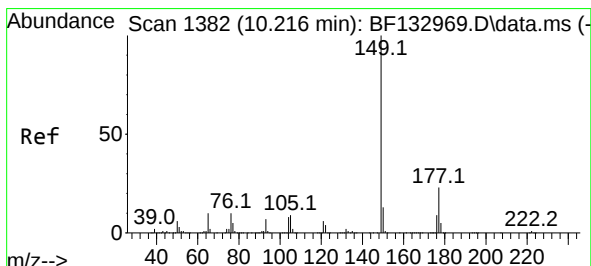
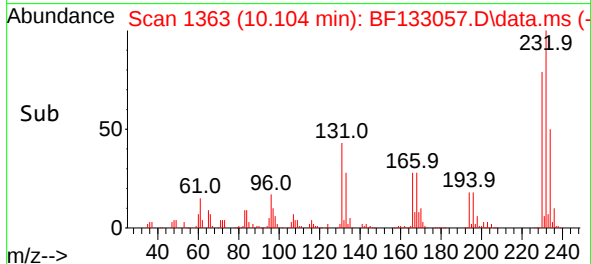
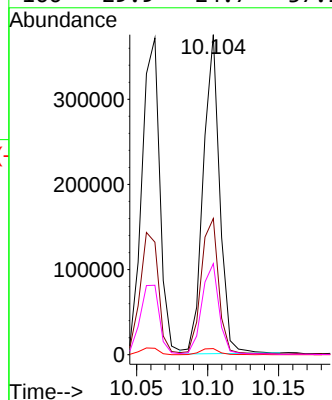
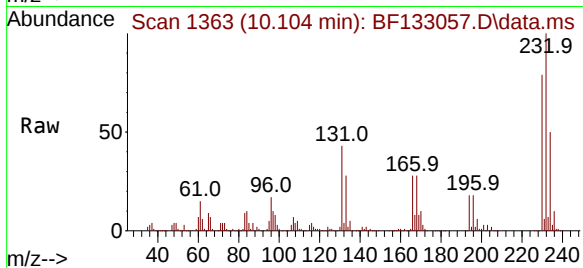




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.277 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

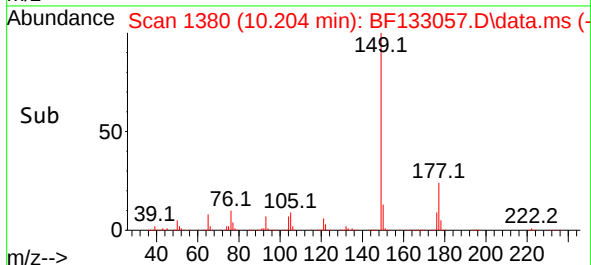
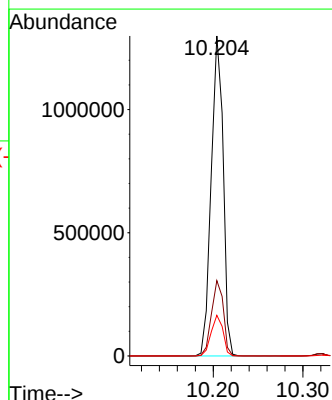
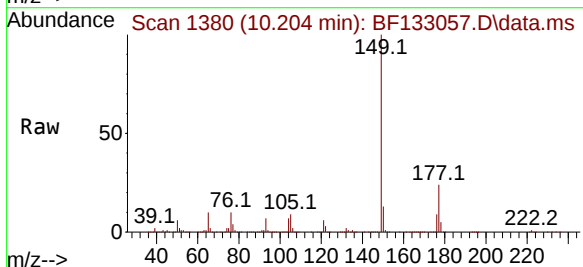
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

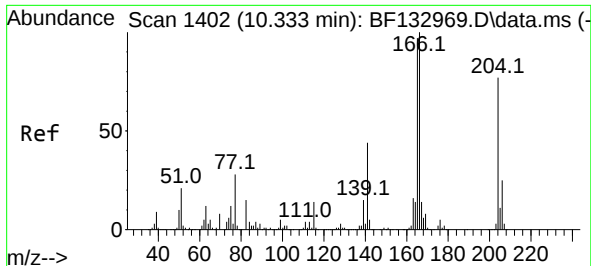
Tgt Ion:232 Resp: 301739
Ion Ratio Lower Upper
232 100
131 45.7 38.0 57.0
130 2.3 1.8 2.8
166 29.9 24.7 37.1



#60
Diethylphthalate
Concen: 38.564 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.006 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

Tgt Ion:149 Resp: 1200969
Ion Ratio Lower Upper
149 100
177 23.5 18.2 27.4
150 12.7 10.2 15.4

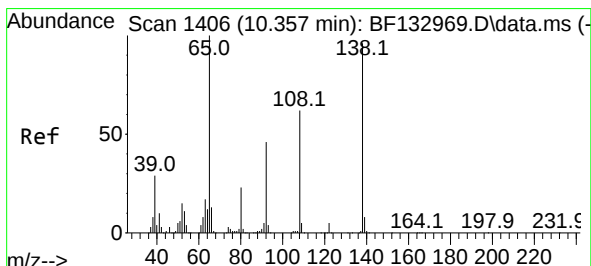
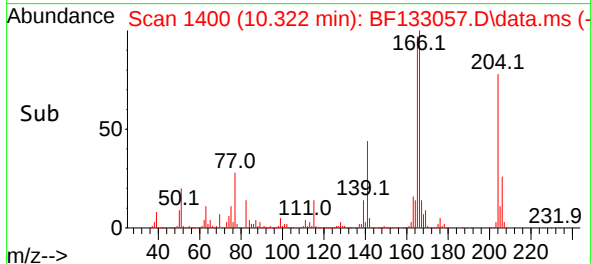
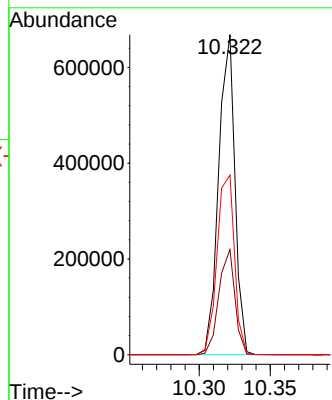
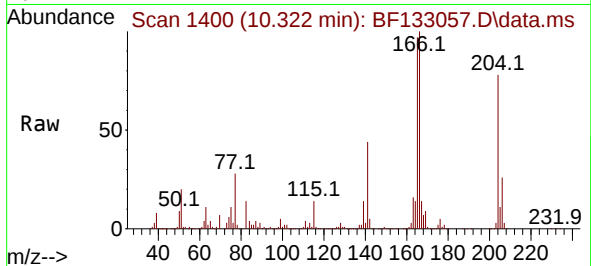




#61
4-Chlorophenyl-phenylether
Concen: 37.255 ng
RT: 10.322 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

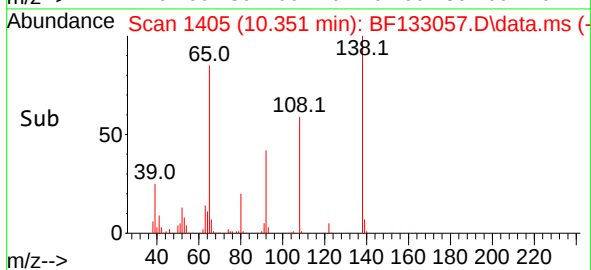
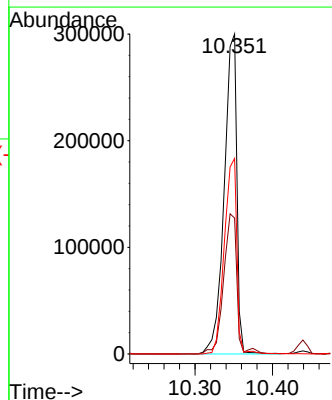
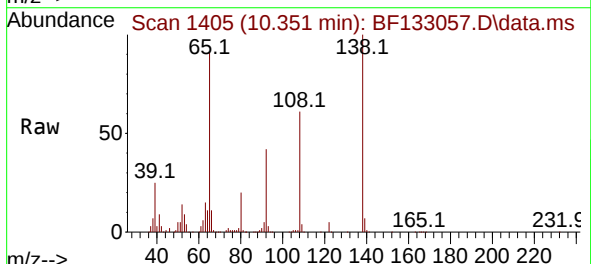
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

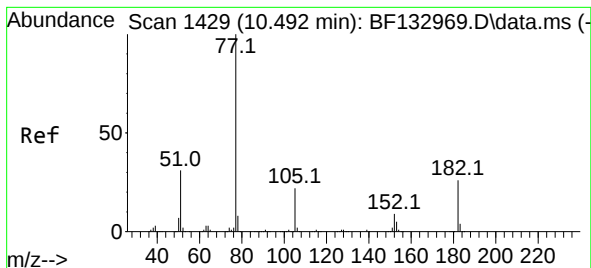
Tgt Ion:204 Resp: 532860
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 56.1 46.1 69.1



#62
4-Nitroaniline
Concen: 41.890 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

Tgt Ion:138 Resp: 339703
Ion Ratio Lower Upper
138 100
92 42.5 27.7 67.7
108 61.1 45.2 85.2





#63

Azobenzene

Concen: 36.182 ng

RT: 10.480 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1193649

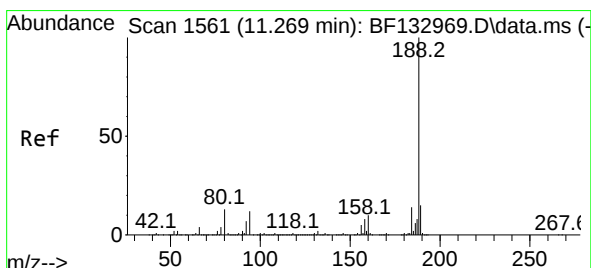
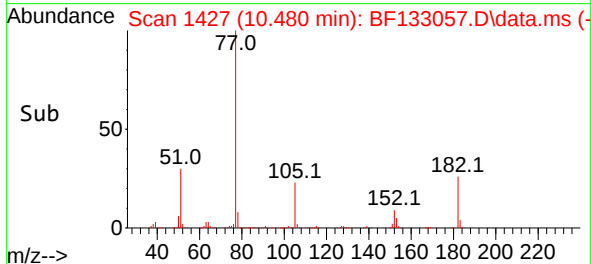
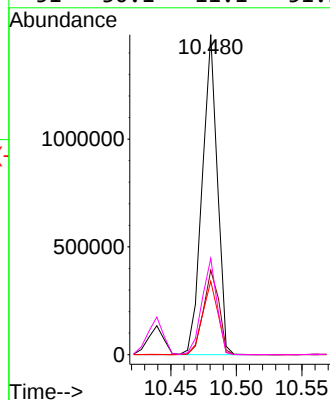
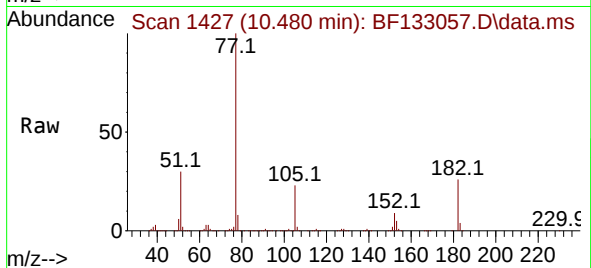
Ion Ratio Lower Upper

77 100

182 26.4 5.9 45.9

105 22.9 2.3 42.3

51 30.1 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.257 min Scan# 1559

Delta R.T. -0.006 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

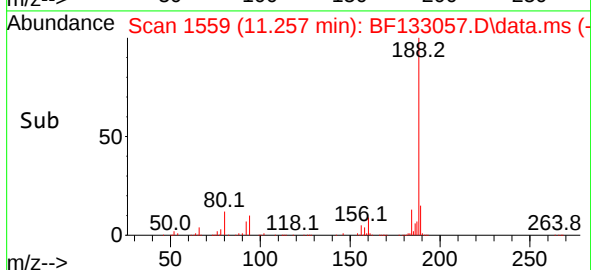
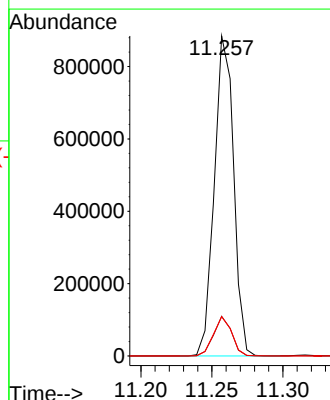
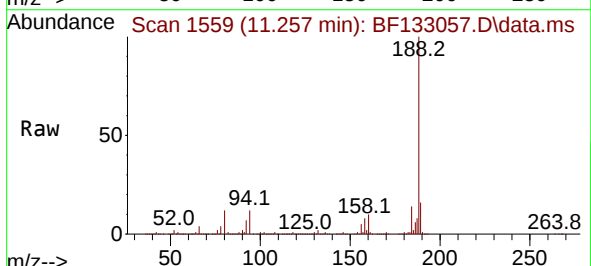
Tgt Ion:188 Resp: 834348

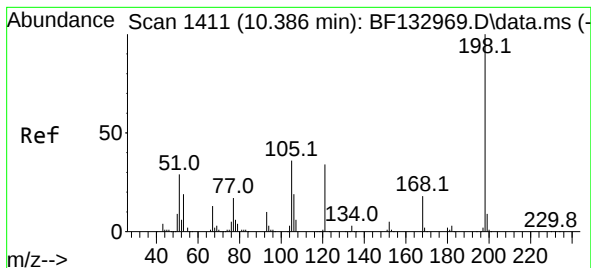
Ion Ratio Lower Upper

188 100

94 12.4 9.7 14.5

80 12.3 10.4 15.6

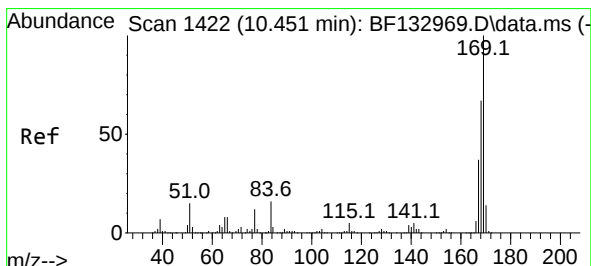
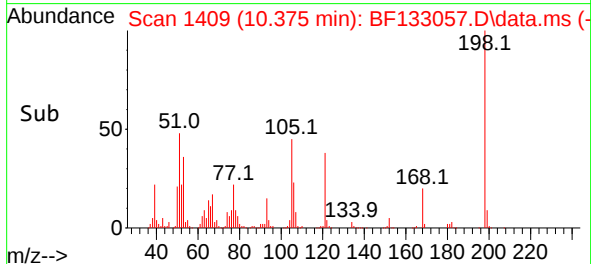
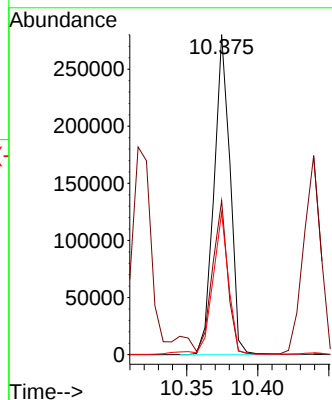
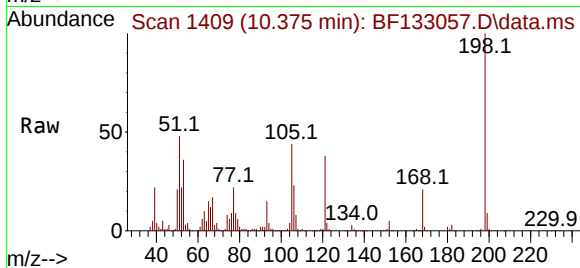




#65
4,6-Dinitro-2-methylphenol
Concen: 43.626 ng
RT: 10.375 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

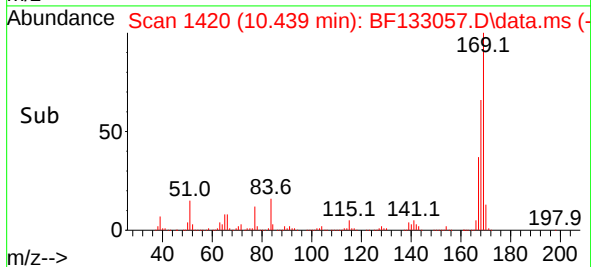
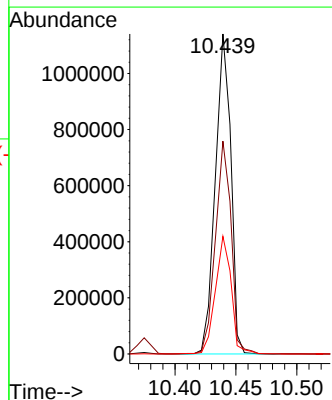
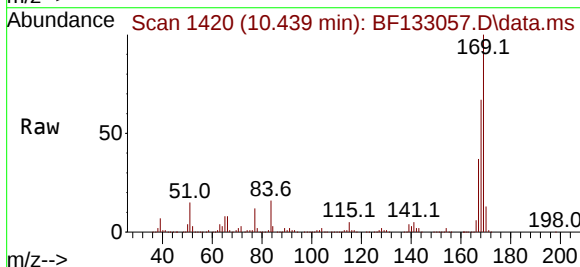
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

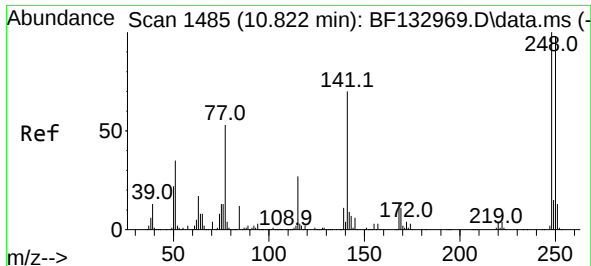
Tgt Ion:198 Resp: 220623
Ion Ratio Lower Upper
198 100
51 48.2 15.5 55.5
105 44.5 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 37.493 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

Tgt Ion:169 Resp: 1014723
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.8
167 36.8 29.7 44.5

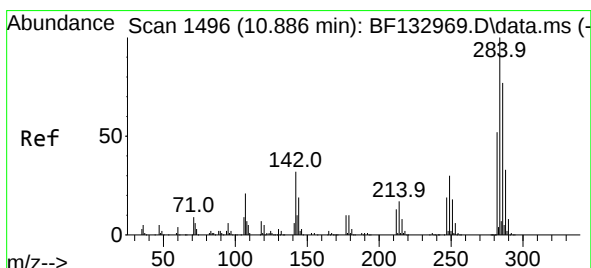
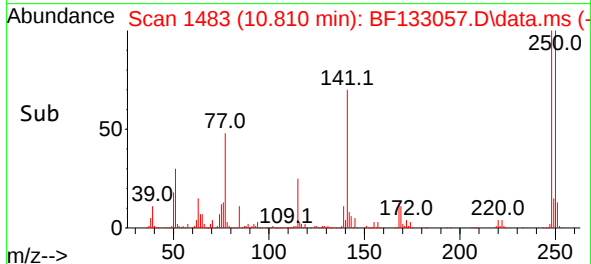
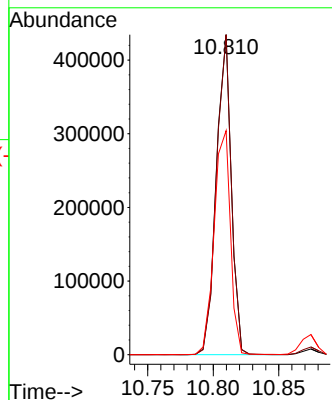
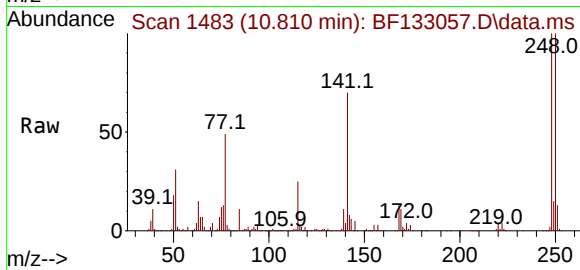




#67
4-Bromophenyl-phenylether
Concen: 38.189 ng
RT: 10.810 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

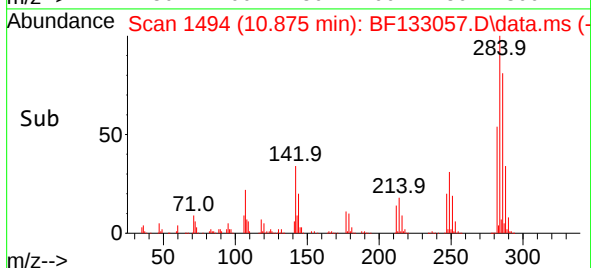
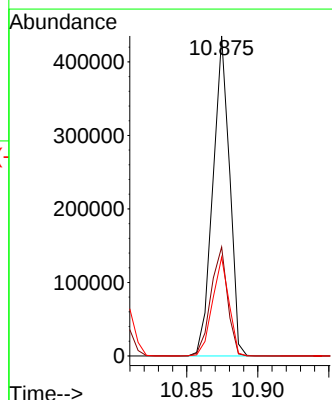
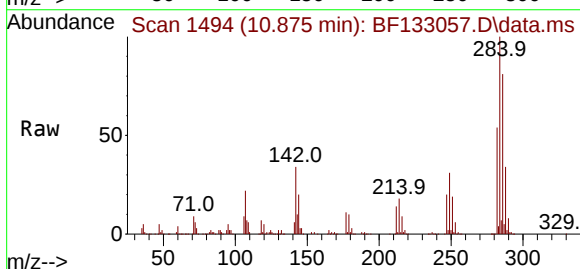
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

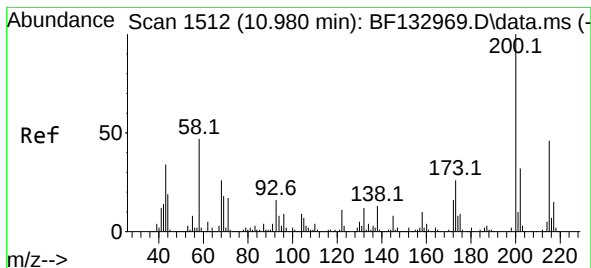
Tgt Ion:248 Resp: 345573
Ion Ratio Lower Upper
248 100
250 100.0 78.7 118.1
141 70.0 56.3 84.5



#68
Hexachlorobenzene
Concen: 38.321 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

Tgt Ion:284 Resp: 355325
Ion Ratio Lower Upper
284 100
142 34.1 26.0 39.0
249 30.8 23.7 35.5





#69

Atrazine

Concen: 40.113 ng

RT: 10.969 min Scan# 1510

Delta R.T. 0.000 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

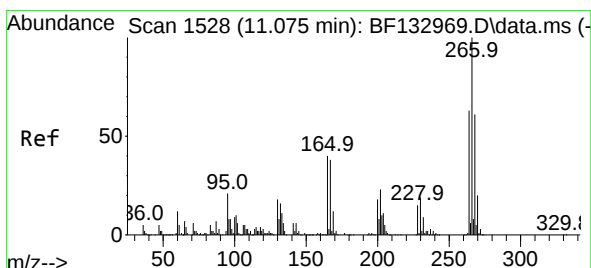
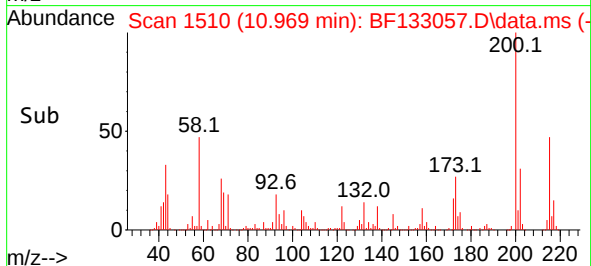
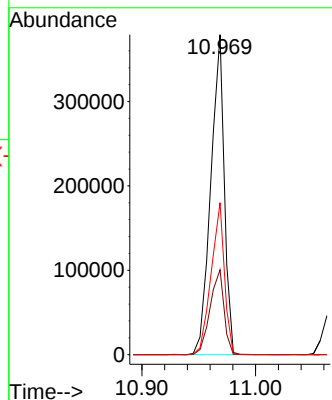
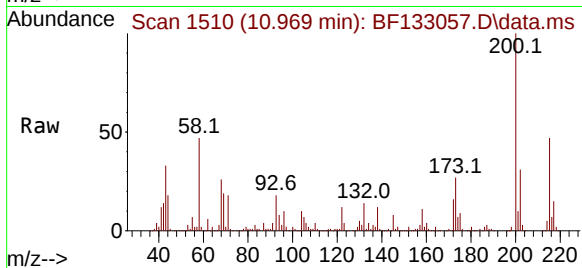
Tgt Ion:200 Resp: 312812

Ion Ratio Lower Upper

200 100

173 26.6 6.2 46.2

215 47.5 26.3 66.3



#70

Pentachlorophenol

Concen: 39.902 ng

RT: 11.069 min Scan# 1527

Delta R.T. 0.000 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

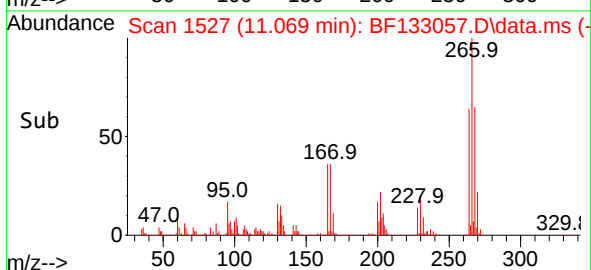
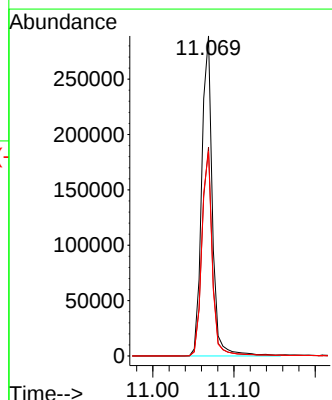
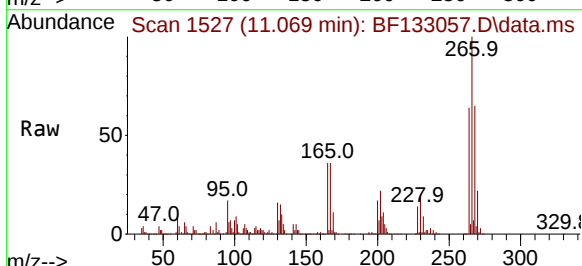
Tgt Ion:266 Resp: 263501

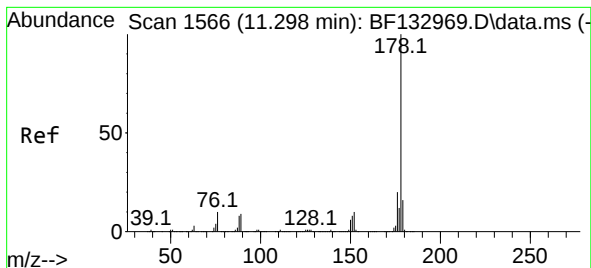
Ion Ratio Lower Upper

266 100

268 65.3 48.8 73.2

264 64.1 50.6 76.0





#71

Phenanthrene

Concen: 36.435 ng

RT: 11.286 min Scan# 1564

Delta R.T. 0.000 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

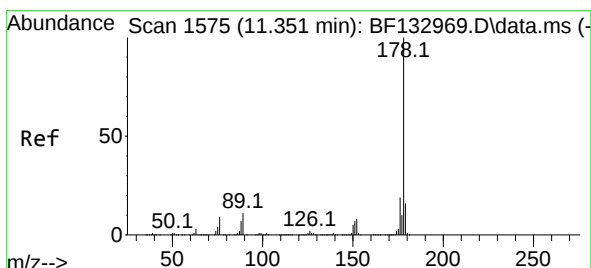
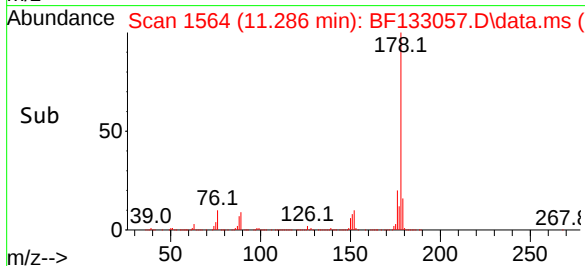
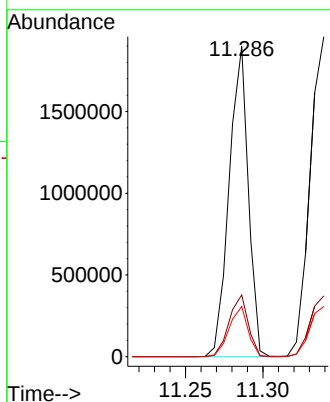
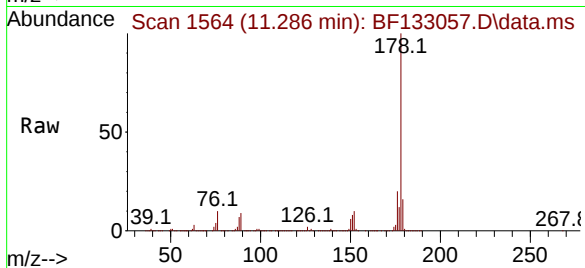
Tgt Ion:178 Resp: 1633871

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

179 16.2 12.5 18.7



#72

Anthracene

Concen: 37.161 ng

RT: 11.339 min Scan# 1573

Delta R.T. 0.000 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

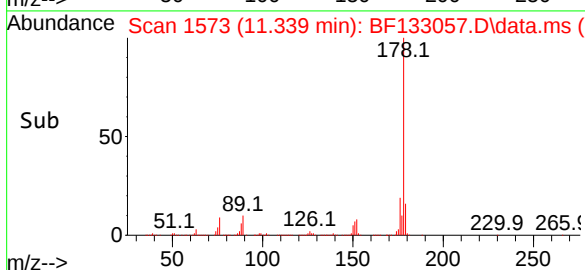
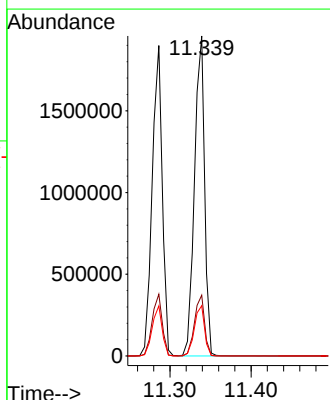
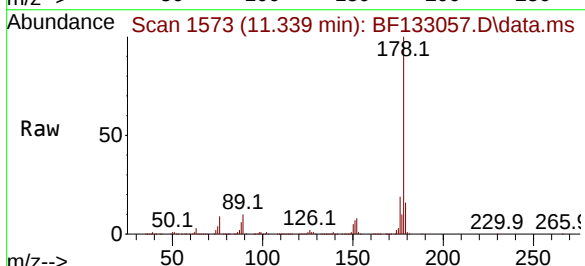
Tgt Ion:178 Resp: 1705416

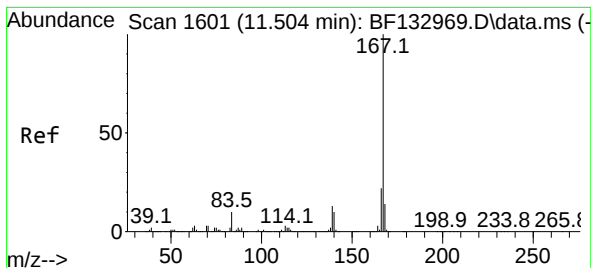
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.7 12.4 18.6





#73

Carbazole

Concen: 36.846 ng

RT: 11.492 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

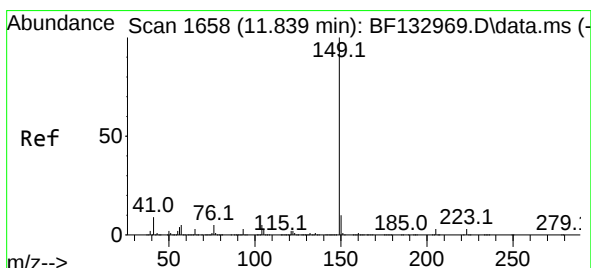
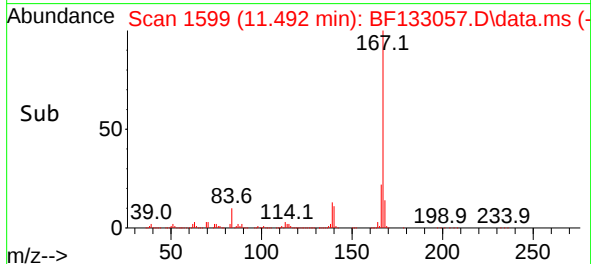
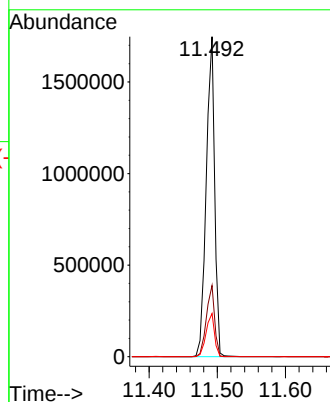
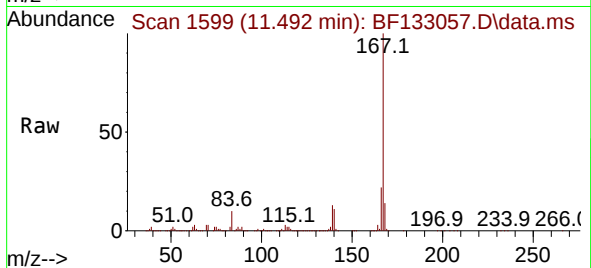
Tgt Ion:167 Resp: 1505696

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

139 13.5 10.6 16.0



#74

Di-n-butylphthalate

Concen: 40.771 ng

RT: 11.827 min Scan# 1656

Delta R.T. -0.006 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

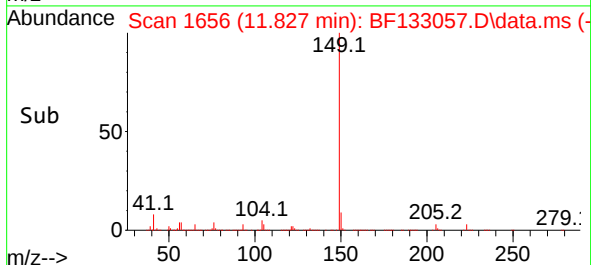
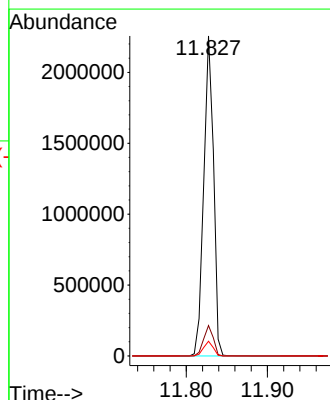
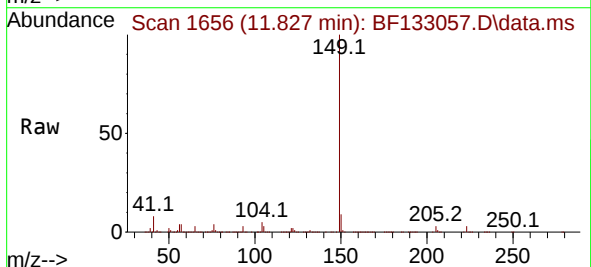
Tgt Ion:149 Resp: 1885431

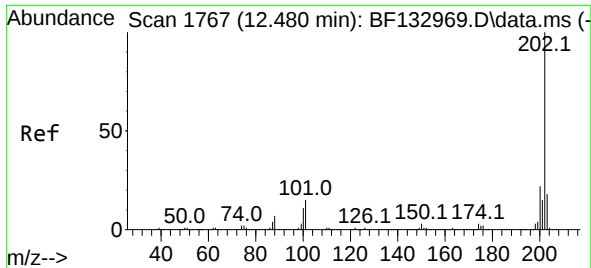
Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 4.6 4.0 6.0

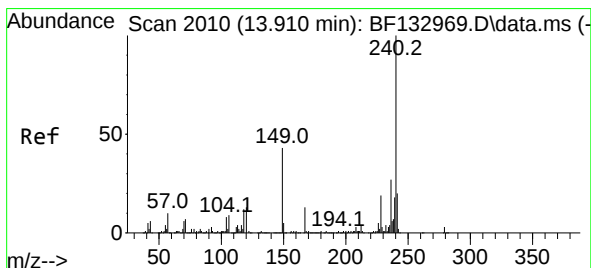
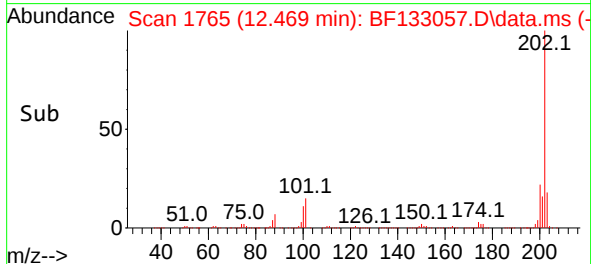
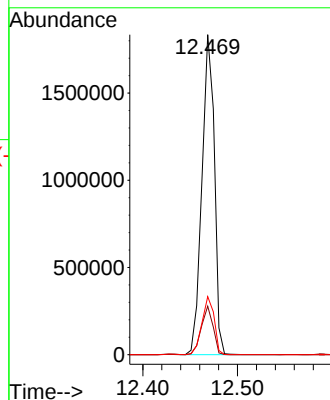
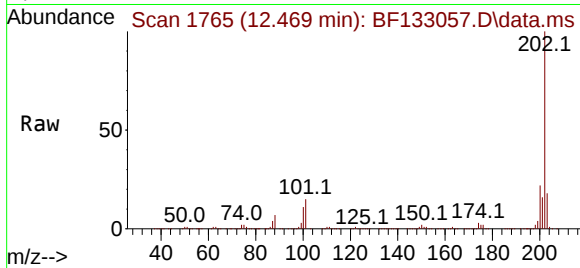




#75
Fluoranthene
Concen: 37.186 ng
RT: 12.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

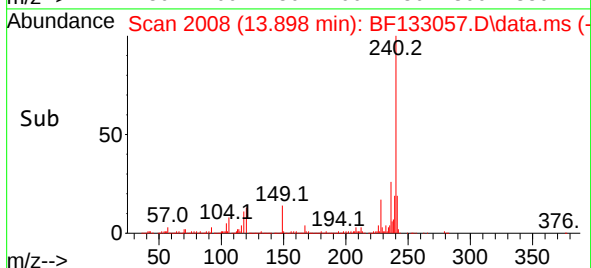
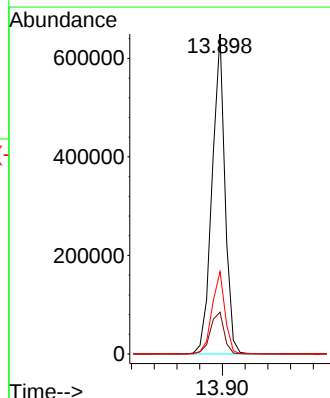
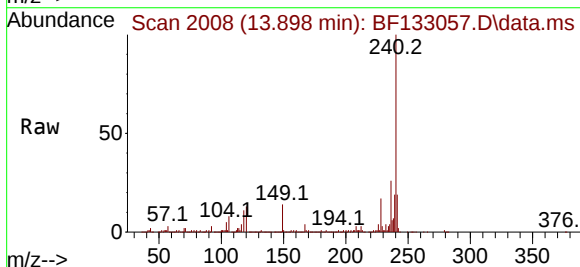
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

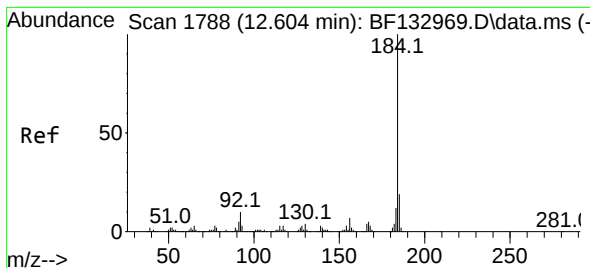
Tgt Ion:202 Resp: 1673597
Ion Ratio Lower Upper
202 100
101 15.2 0.0 35.3
203 18.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

Tgt Ion:240 Resp: 510360
Ion Ratio Lower Upper
240 100
120 13.0 10.5 15.7
236 25.8 21.5 32.3





#77

Benzidine

Concen: 50.936 ng

RT: 12.592 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

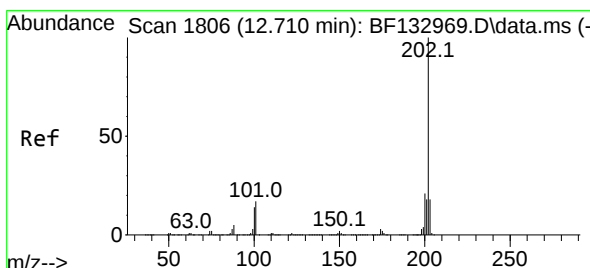
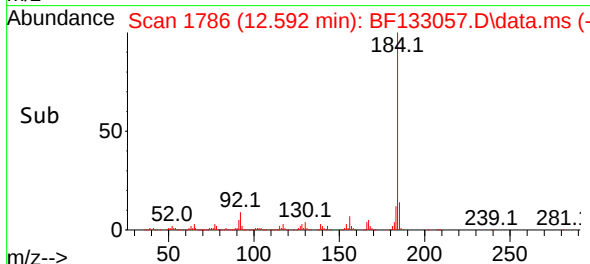
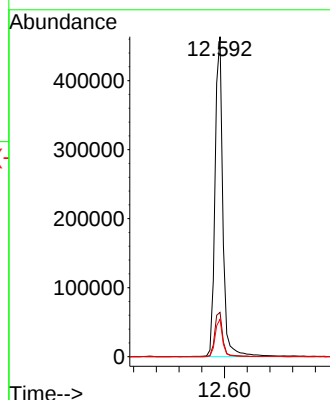
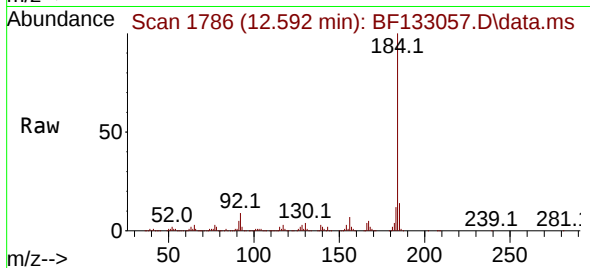
Tgt Ion:184 Resp: 439605

Ion Ratio Lower Upper

184 100

185 13.8 15.4 23.2#

183 11.7 9.4 14.0



#78

Pyrene

Concen: 39.565 ng

RT: 12.698 min Scan# 1804

Delta R.T. 0.000 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

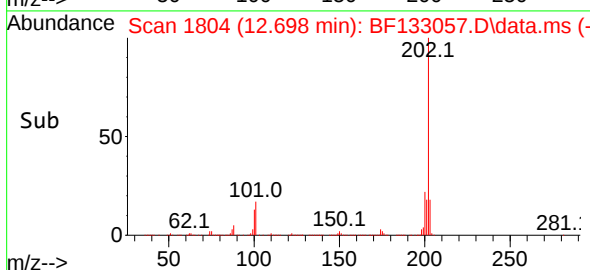
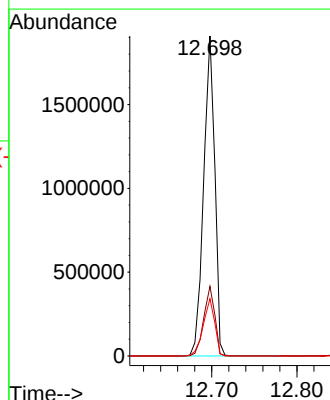
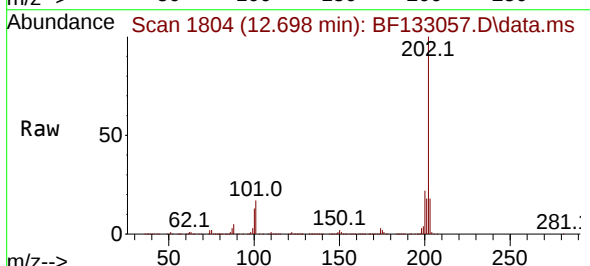
Tgt Ion:202 Resp: 1730935

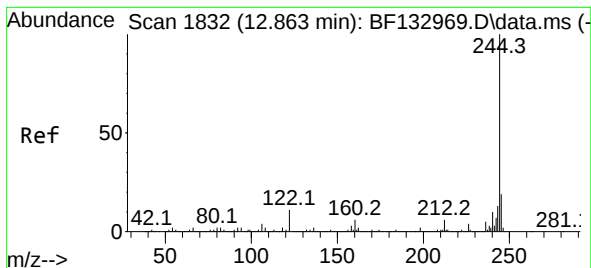
Ion Ratio Lower Upper

202 100

200 21.7 17.1 25.7

203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 77.913 ng

RT: 12.851 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

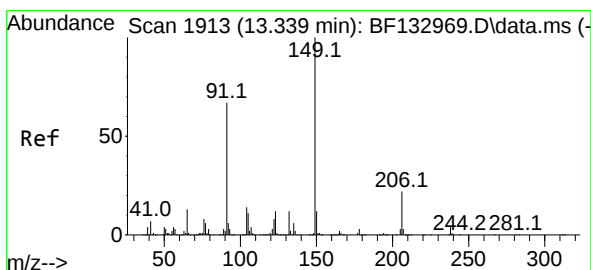
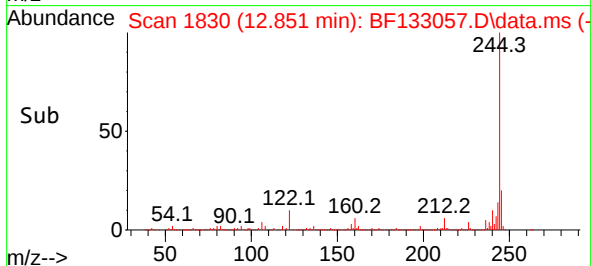
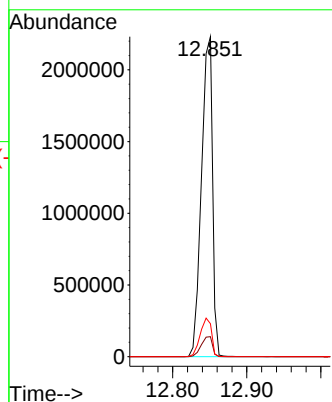
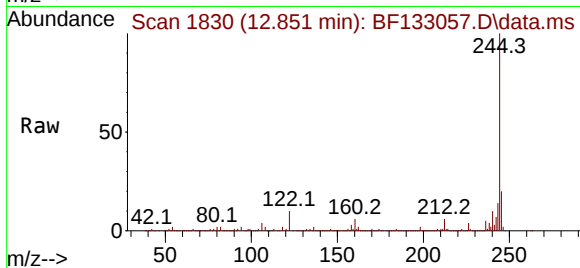
Tgt Ion:244 Resp: 2305571

Ion Ratio Lower Upper

244 100

212 6.3 5.1 7.7

122 10.3 8.6 13.0



#80

Butylbenzylphthalate

Concen: 47.088 ng

RT: 13.321 min Scan# 1910

Delta R.T. -0.006 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

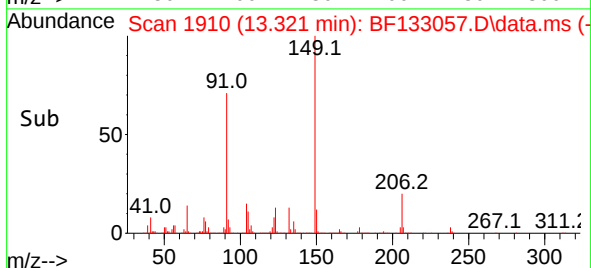
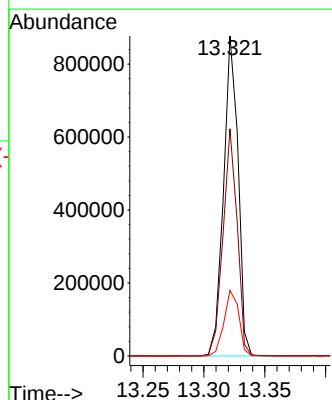
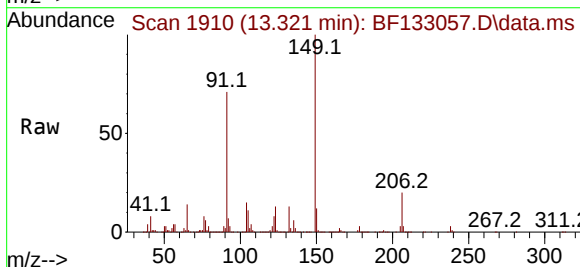
Tgt Ion:149 Resp: 729416

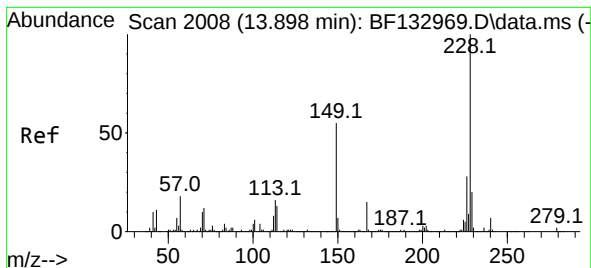
Ion Ratio Lower Upper

149 100

91 71.0 53.8 80.6

206 20.5 17.5 26.3





#81

Benzo(a)anthracene

Concen: 37.384 ng

RT: 13.886 min Scan# 2006

Delta R.T. 0.000 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

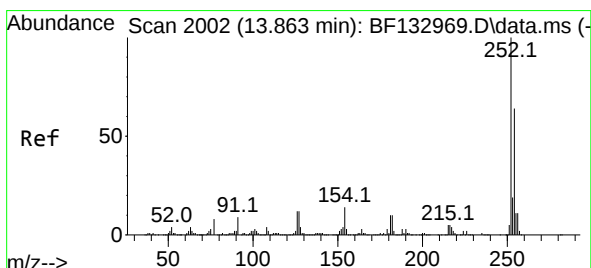
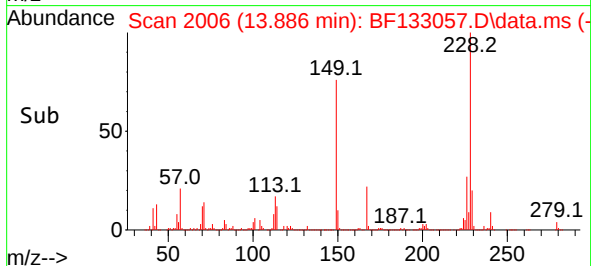
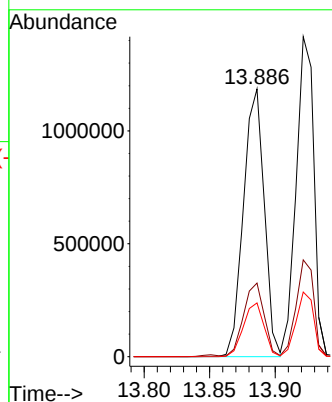
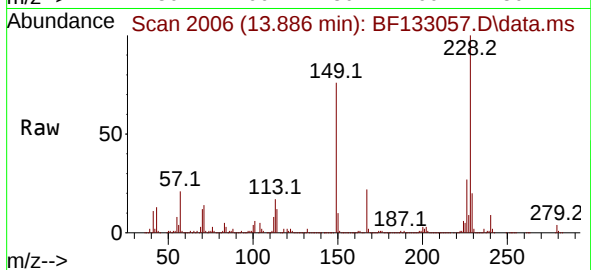
Tgt Ion:228 Resp: 1312007

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.4

229 20.1 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 43.655 ng

RT: 13.851 min Scan# 2000

Delta R.T. 0.000 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

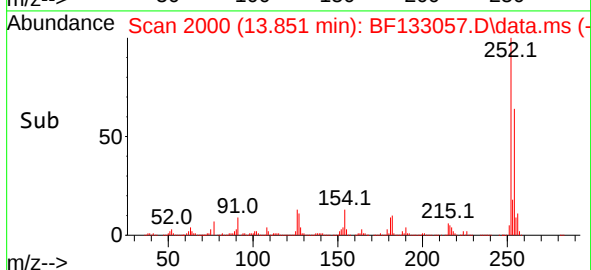
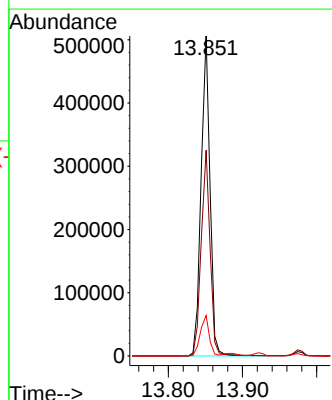
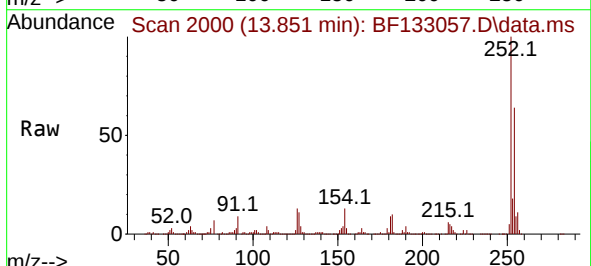
Tgt Ion:252 Resp: 423246

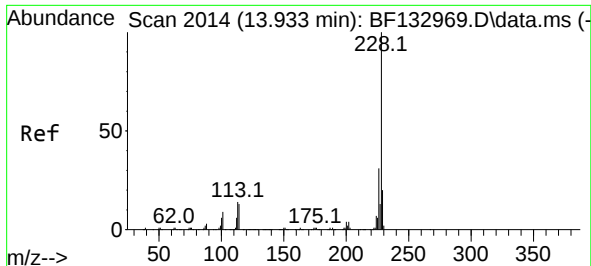
Ion Ratio Lower Upper

252 100

254 64.3 51.5 77.3

126 12.7 9.5 14.3

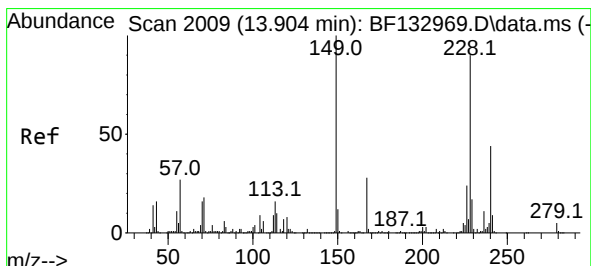
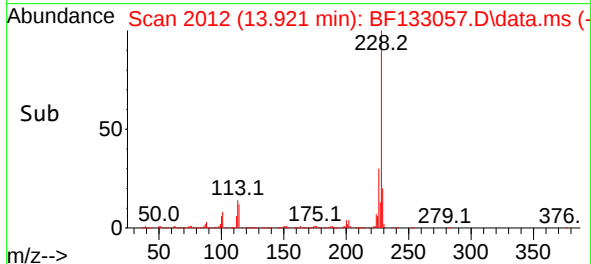
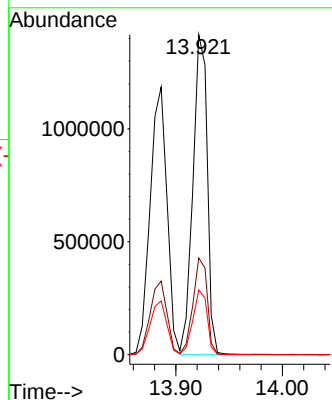
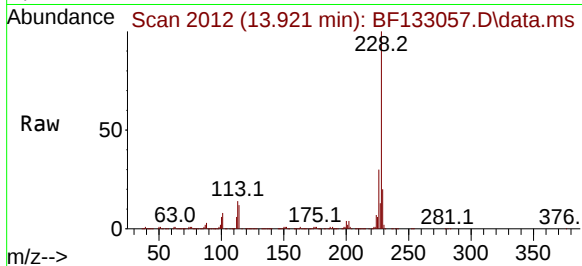




#83
Chrysene
Concen: 37.840 ng
RT: 13.921 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

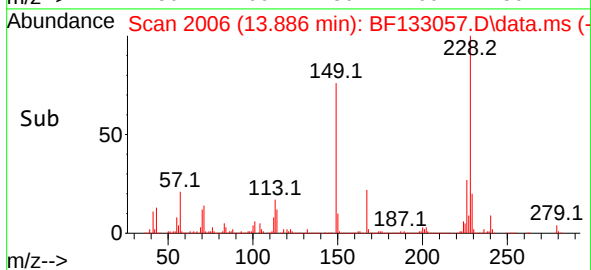
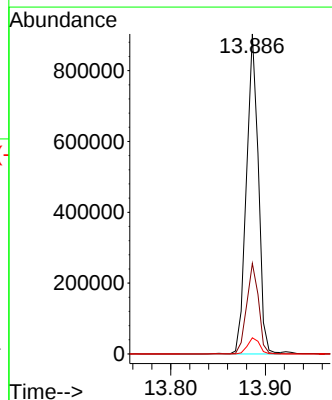
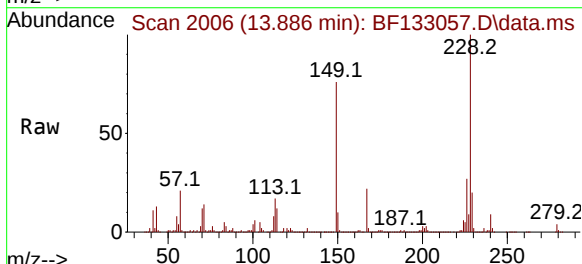
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

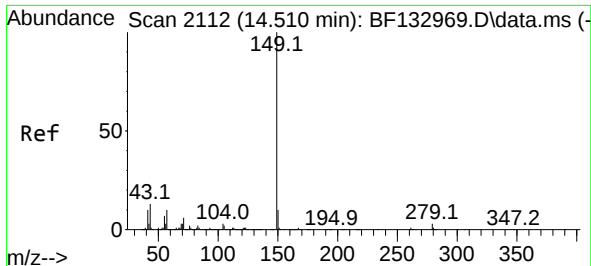
Tgt Ion:228 Resp: 1327697
Ion Ratio Lower Upper
228 100
226 30.2 24.7 37.1
229 20.2 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.464 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

Tgt Ion:149 Resp: 786762
Ion Ratio Lower Upper
149 100
167 28.3 22.5 33.7
279 5.1 4.2 6.4

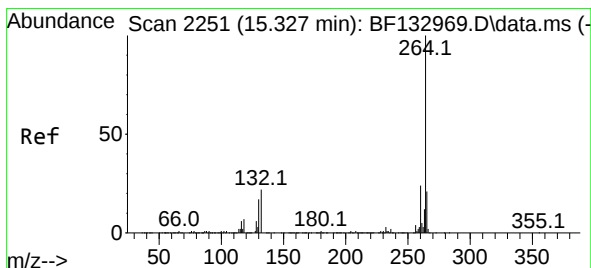
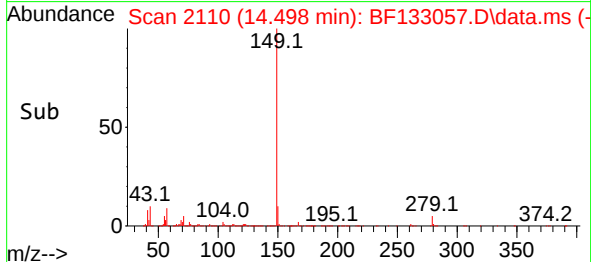
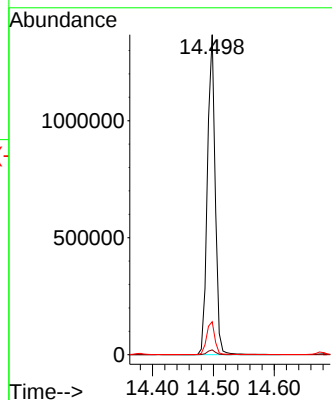
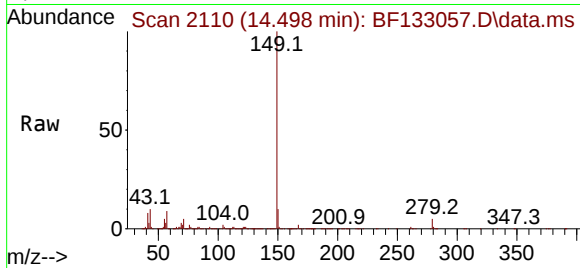




#85
Di-n-octyl phthalate
Concen: 38.281 ng
RT: 14.498 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

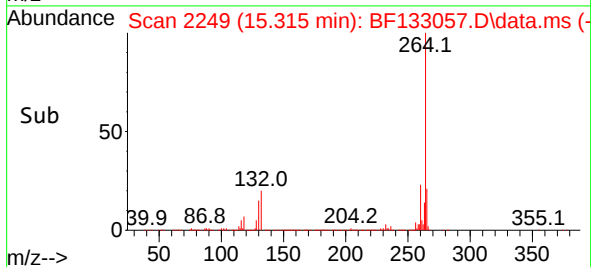
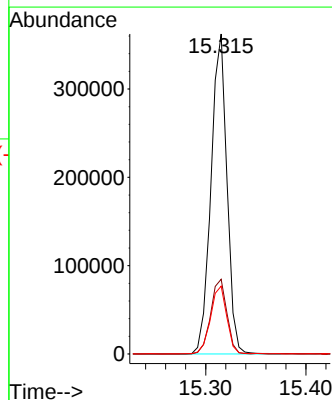
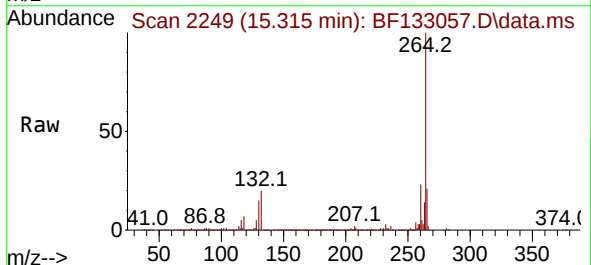
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

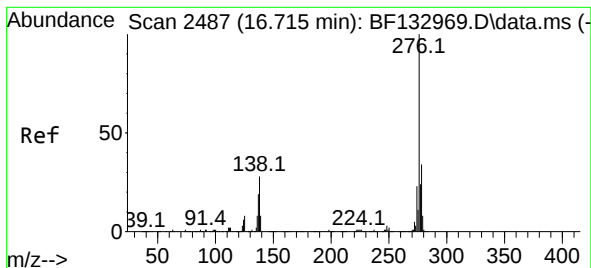
Tgt Ion:149 Resp: 1213657
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.9 9.5 14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.315 min Scan# 2249
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

Tgt Ion:264 Resp: 400487
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 21.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.725 ng

RT: 16.698 min Scan# 2487

Delta R.T. -0.006 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

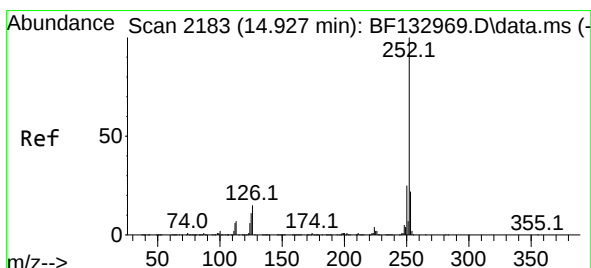
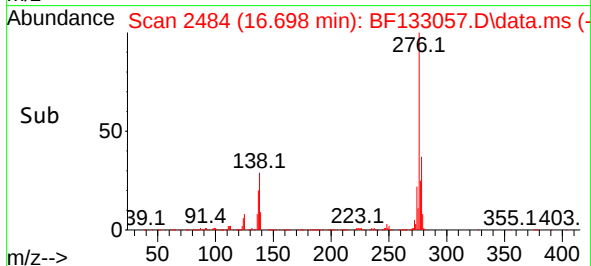
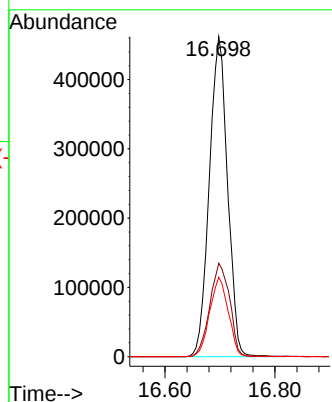
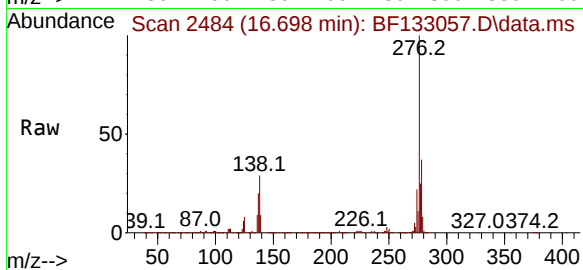
Tgt Ion:276 Resp: 1064425

Ion Ratio Lower Upper

276 100

138 31.6 25.5 38.3

277 25.3 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 38.332 ng

RT: 14.910 min Scan# 2180

Delta R.T. -0.006 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

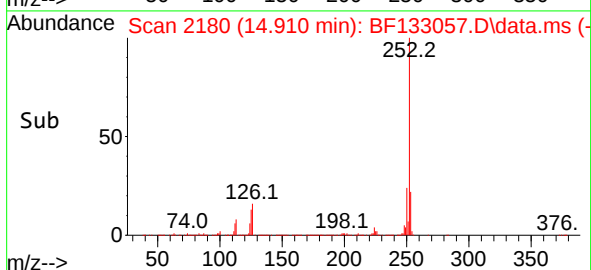
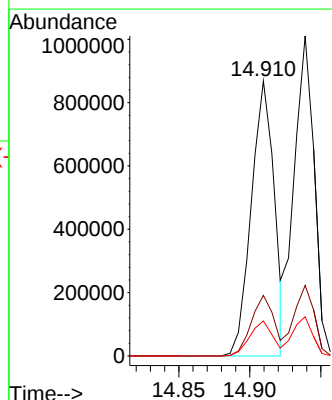
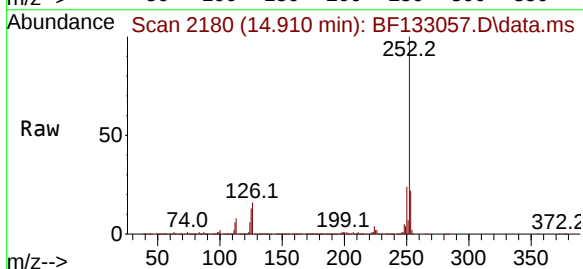
Tgt Ion:252 Resp: 976652

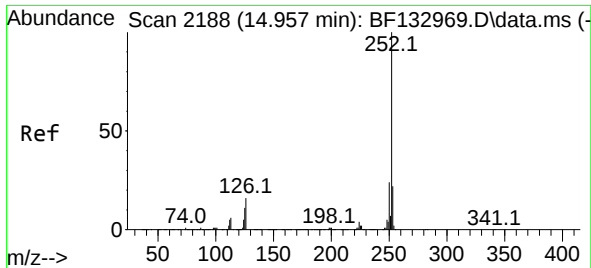
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 12.7 8.9 13.3

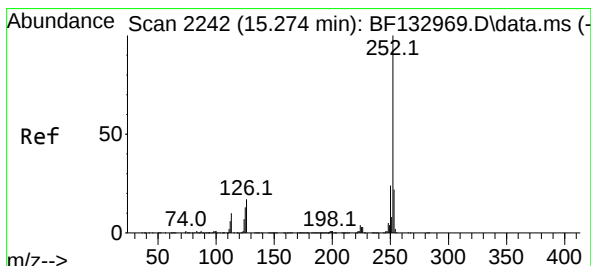
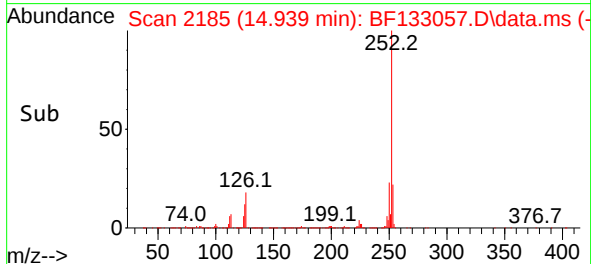
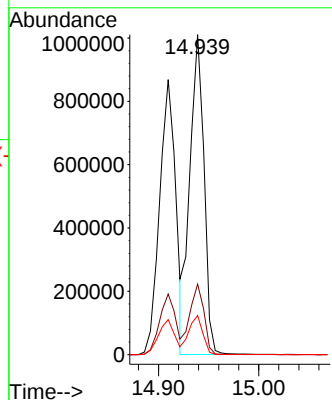
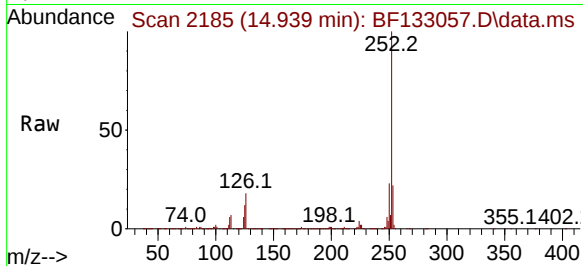




#89
Benzo(k)fluoranthene
Concen: 39.293 ng
RT: 14.939 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

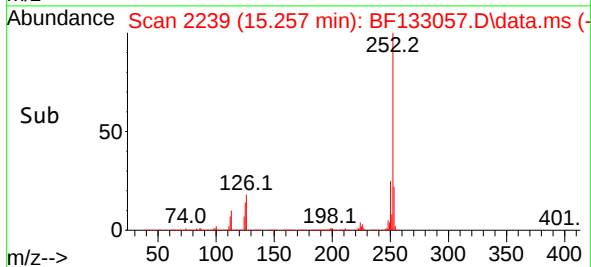
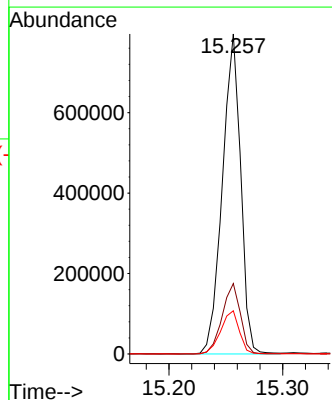
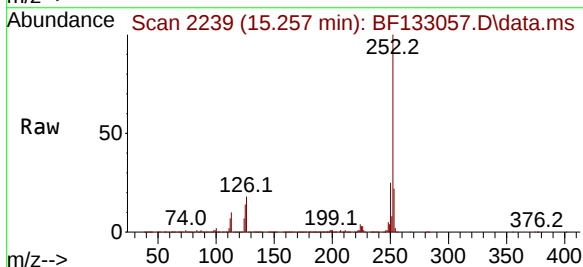
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

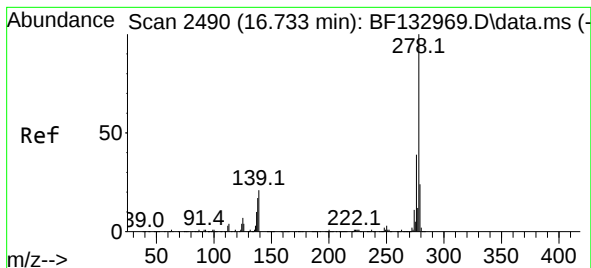
Tgt Ion:252 Resp: 992408
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 12.2 9.0 13.4



#90
Benzo(a)pyrene
Concen: 38.416 ng
RT: 15.257 min Scan# 2239
Delta R.T. -0.006 min
Lab File: BF133057.D
Acq: 26 Apr 2023 10:32

Tgt Ion:252 Resp: 890894
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 13.5 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 47.050 ng

RT: 16.715 min Scan# 2490

Delta R.T. -0.006 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

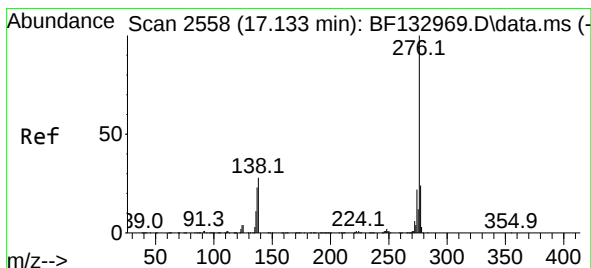
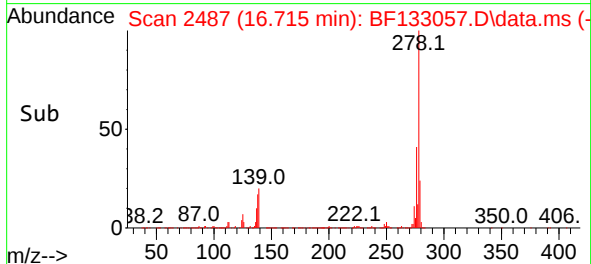
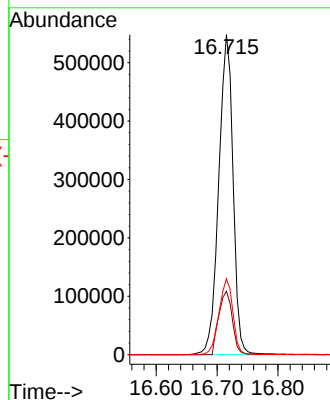
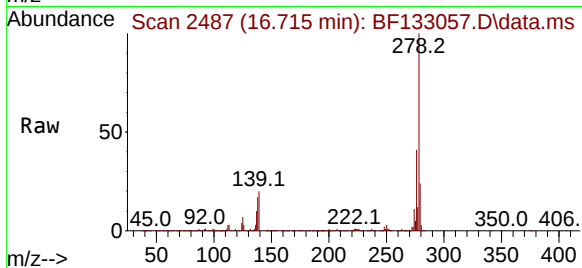
Tgt Ion:278 Resp: 893950

Ion Ratio Lower Upper

278 100

139 19.8 16.6 24.8

279 23.8 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 48.385 ng

RT: 17.115 min Scan# 2555

Delta R.T. -0.006 min

Lab File: BF133057.D

Acq: 26 Apr 2023 10:32

Tgt Ion:276 Resp: 907604

Ion Ratio Lower Upper

276 100

277 23.4 19.4 29.0

138 26.0 22.7 34.1

