

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133223.D
 Acq On : 04 May 2023 10:37
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 04 11:26:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 11:25:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	223578	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	877937	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	448942	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	790814	20.000	ng	0.00
76) Chrysene-d12	13.886	240	502862	20.000	ng	0.00
86) Perylene-d12	15.298	264	406563	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1122636	75.851	ng	0.00
7) Phenol-d6	6.375	99	1415415	77.048	ng	0.00
23) Nitrobenzene-d5	7.298	82	1242173	76.371	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	337801	74.818	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2036782	75.901	ng	0.00
79) Terphenyl-d14	12.833	244	2124536	72.865	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.393	88	262591	38.251	ng	98
3) Pyridine	3.081	79	717740	39.364	ng	97
4) n-Nitrosodimethylamine	3.051	42	349793	37.037	ng	97
6) Aniline	6.392	93	914955	38.670	ng	92
8) 2-Chlorophenol	6.516	128	579910	38.590	ng	96
9) Benzaldehyde	6.275	77	338743	39.954	ng	99
10) Phenol	6.387	94	757434	37.375	ng	82
11) bis(2-Chloroethyl)ether	6.469	93	577778	37.992	ng	99
12) 1,3-Dichlorobenzene	6.669	146	611940	38.302	ng	99
13) 1,4-Dichlorobenzene	6.745	146	624455	38.999	ng	99
14) 1,2-Dichlorobenzene	6.904	146	573733	38.865	ng	99
15) Benzyl Alcohol	6.875	79	486963	38.375	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	939147	35.555	ng	97
17) 2-Methylphenol	6.992	107	528491	38.407	ng	98
18) Hexachloroethane	7.239	117	213355	38.325	ng	94
19) n-Nitroso-di-n-propyla...	7.151	70	388472	33.967	ng	99
20) 3+4-Methylphenols	7.145	107	606621	37.434	ng	92
22) Acetophenone	7.145	105	762018	37.469	ng	99
24) Nitrobenzene	7.316	77	627194	38.054	ng	98
25) Isophorone	7.557	82	1159402	37.543	ng	99
26) 2-Nitrophenol	7.634	139	333540	41.956	ng	90
27) 2,4-Dimethylphenol	7.675	122	521103	38.228	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	685282	37.510	ng	99
29) 2,4-Dichlorophenol	7.875	162	482235	38.861	ng	99
30) 1,2,4-Trichlorobenzene	7.957	180	506822	39.423	ng	98
31) Naphthalene	8.039	128	1675152	38.163	ng	100
32) Benzoic acid	7.804	122	300631	35.704	ng	96
33) 4-Chloroaniline	8.086	127	729211	41.117	ng	98
34) Hexachlorobutadiene	8.157	225	270002	37.893	ng	99
35) Caprolactam	8.463	113	173271	41.564	ng	89
36) 4-Chloro-3-methylphenol	8.569	107	522817	39.069	ng	99
37) 2-Methylnaphthalene	8.728	142	1137956	37.920	ng	99
38) 1-Methylnaphthalene	8.828	142	1073605	38.243	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	454023	37.613	ng	99
41) Hexachlorocyclopentadiene	8.881	237	260759	37.041	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	323537	38.757	ng	99

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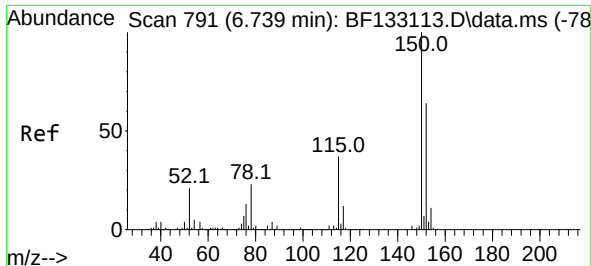
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	374873	38.829	ng	99
46) 1,1'-Biphenyl	9.192	154	1323962	37.191	ng	99
47) 2-Chloronaphthalene	9.216	162	997194	38.271	ng	99
48) 2-Nitroaniline	9.310	65	339154	39.384	ng	96
49) Acenaphthylene	9.628	152	1580544	37.963	ng	100
50) Dimethylphthalate	9.498	163	1213860	38.777	ng	99
51) 2,6-Dinitrotoluene	9.557	165	277026	39.319	ng	87
52) Acenaphthene	9.804	154	1004732	36.032	ng	99
53) 3-Nitroaniline	9.722	138	337710	40.312	ng	96
54) 2,4-Dinitrophenol	9.828	184	143286	40.459	ng	100
55) Dibenzofuran	9.975	168	1426974	37.516	ng	99
56) 4-Nitrophenol	9.886	139	235011	36.220	ng	91
57) 2,4-Dinitrotoluene	9.957	165	361721	40.257	ng	94
58) Fluorene	10.316	166	1041382	37.369	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.092	232	284755	38.045	ng	99
60) Diethylphthalate	10.192	149	1143640	38.678	ng	99
61) 4-Chlorophenyl-phenyle...	10.310	204	507362	37.360	ng	99
62) 4-Nitroaniline	10.339	138	332141	43.137	ng	96
63) Azobenzene	10.469	77	1145552	36.572	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	207900	43.373	ng	97
66) n-Nitrosodiphenylamine	10.427	169	980344	38.217	ng	99
67) 4-Bromophenyl-phenylether	10.798	248	323607	37.730	ng	99
68) Hexachlorobenzene	10.863	284	333094	37.901	ng	96
69) Atrazine	10.957	200	291686	39.463	ng	98
70) Pentachlorophenol	11.057	266	228962	36.580	ng	96
71) Phenanthrene	11.274	178	1573153	37.012	ng	99
72) Anthracene	11.327	178	1648650	37.902	ng	99
73) Carbazole	11.480	167	1454701	37.558	ng	99
74) Di-n-butylphthalate	11.816	149	1763980	40.245	ng	100
75) Fluoranthene	12.457	202	1593881	37.365	ng	99
77) Benzidine	12.580	184	415329	48.841	ng	# 94
78) Pyrene	12.686	202	1636182	37.956	ng	99
80) Butylbenzylphthalate	13.310	149	704615	46.165	ng	97
81) Benzo(a)anthracene	13.874	228	1264610	36.570	ng	100
82) 3,3'-Dichlorobenzidine	13.839	252	400926	41.969	ng	99
83) Chrysene	13.910	228	1297071	37.518	ng	100
84) Bis(2-ethylhexyl)phtha...	13.868	149	815071	42.545	ng	99
85) Di-n-octyl phthalate	14.480	149	1380202	44.183	ng	98
87) Indeno(1,2,3-cd)pyrene	16.674	276	968199	41.866	ng	98
88) Benzo(b)fluoranthene	14.898	252	1032042	39.901	ng	99
89) Benzo(k)fluoranthene	14.927	252	980625	38.246	ng	100
90) Benzo(a)pyrene	15.239	252	906398	38.500	ng	99
91) Dibenzo(a,h)anthracene	16.692	278	805783	41.776	ng	98
92) Benzo(g,h,i)perylene	17.092	276	825055	43.327	ng	97

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

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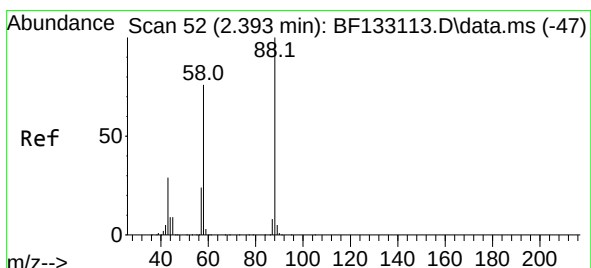
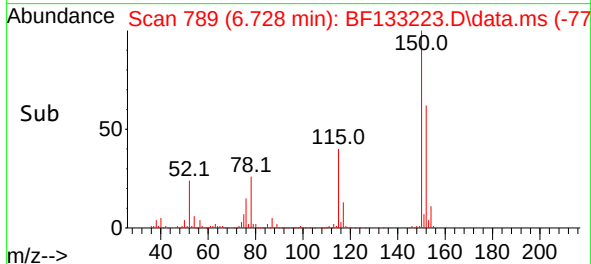
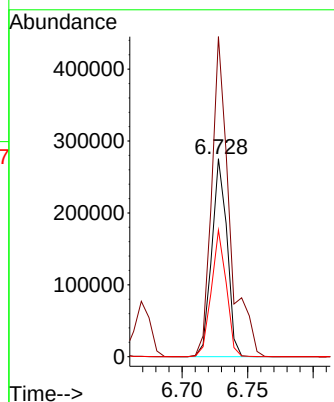
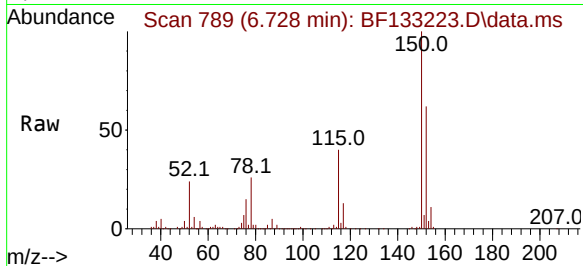




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF133223.D
 Acq: 04 May 2023 10:37

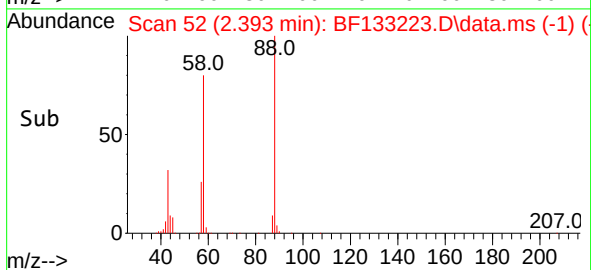
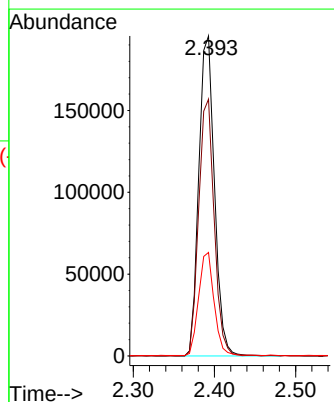
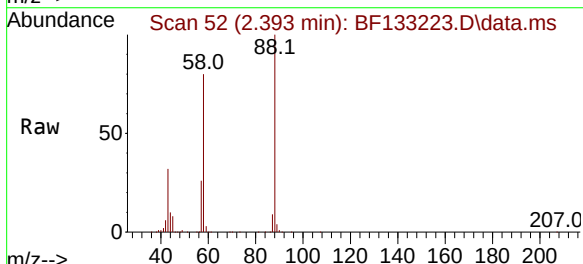
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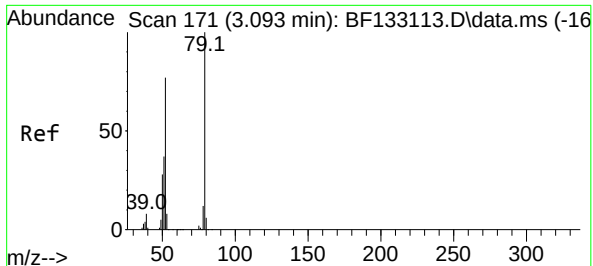
Tgt Ion:152 Resp: 223578
 Ion Ratio Lower Upper
 152 100
 150 161.7 124.8 187.2
 115 63.9 49.9 74.9



#2
 1,4-Dioxane
 Concen: 38.251 ng
 RT: 2.393 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: BF133223.D
 Acq: 04 May 2023 10:37

Tgt Ion: 88 Resp: 262591
 Ion Ratio Lower Upper
 88 100
 58 79.3 64.7 97.1
 43 31.8 26.2 39.2

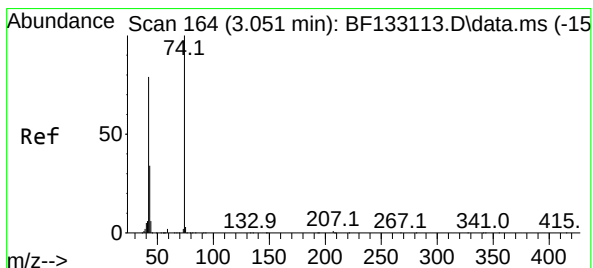
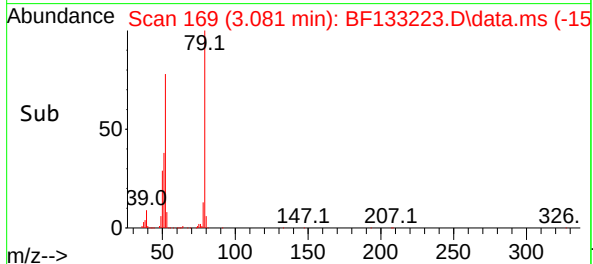
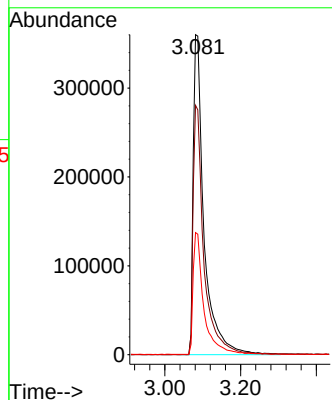
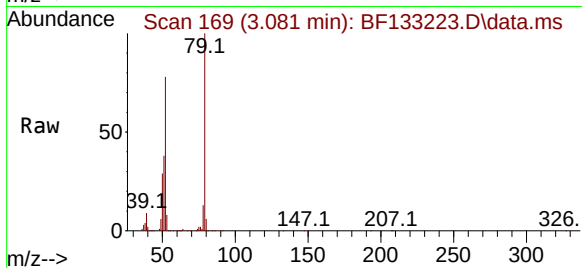




#3
Pyridine
Concen: 39.364 ng
RT: 3.081 min Scan# 169
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

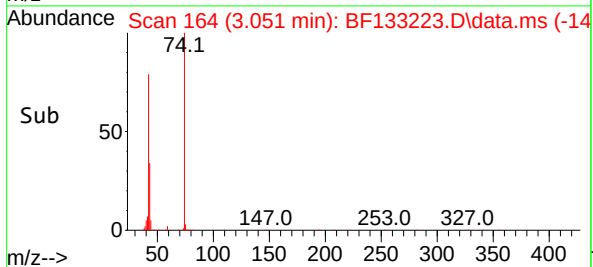
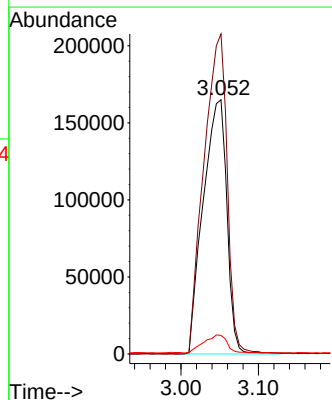
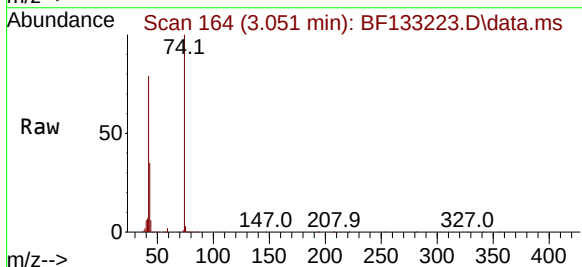
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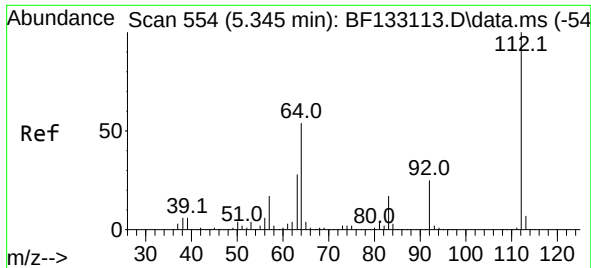
Tgt Ion: 79 Resp: 717740
Ion Ratio Lower Upper
79 100
52 77.9 64.6 96.8
51 38.2 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 37.037 ng
RT: 3.051 min Scan# 164
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

Tgt Ion: 42 Resp: 349793
Ion Ratio Lower Upper
42 100
74 125.9 98.0 147.0
44 7.3 5.8 8.8

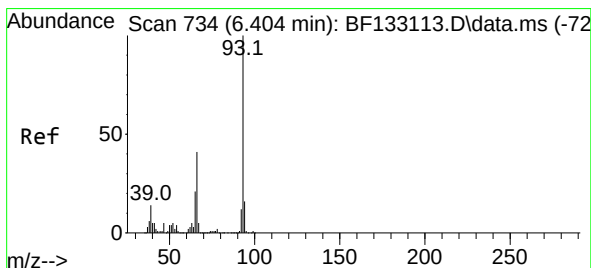
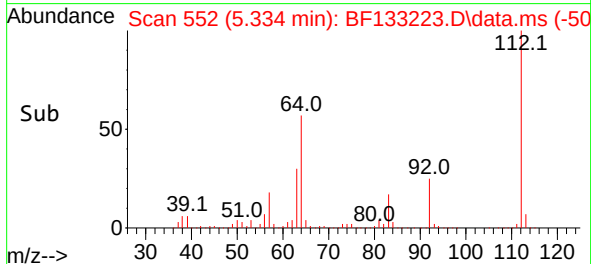
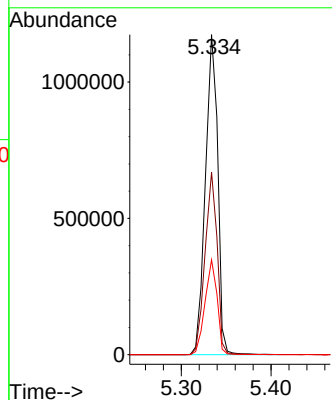
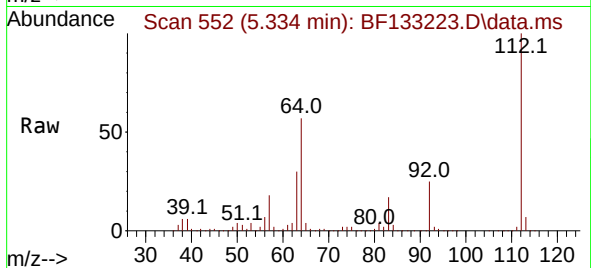




#5
2-Fluorophenol
Concen: 75.851 ng
RT: 5.334 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

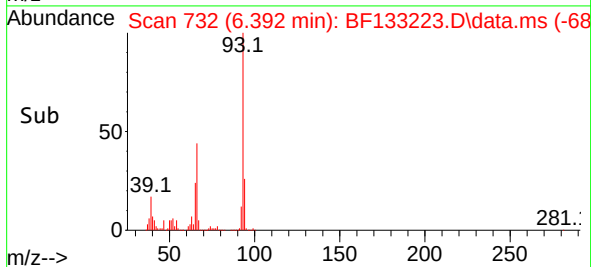
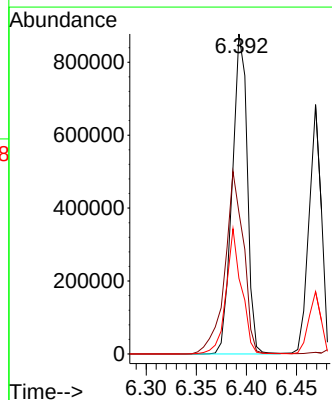
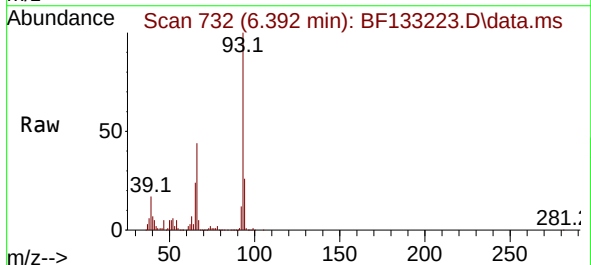
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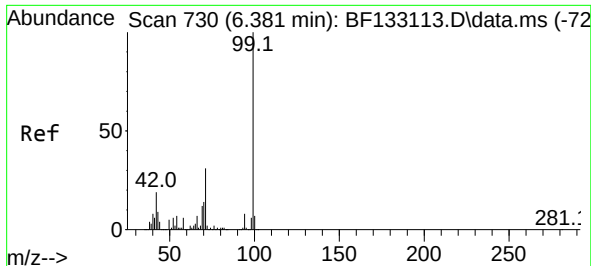
Tgt Ion:112 Resp: 1122636
Ion Ratio Lower Upper
112 100
64 57.1 46.8 70.2
63 29.7 23.8 35.8



#6
Aniline
Concen: 38.670 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF133223.D
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Tgt Ion: 93 Resp: 914955
Ion Ratio Lower Upper
93 100
66 44.3 31.5 47.3
65 23.7 16.4 24.6

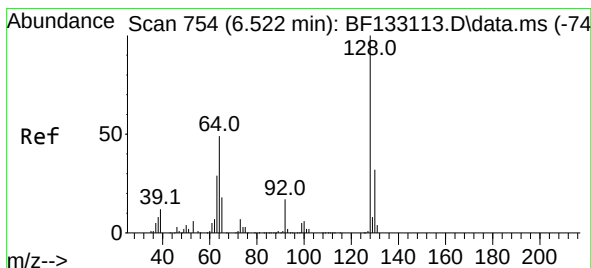
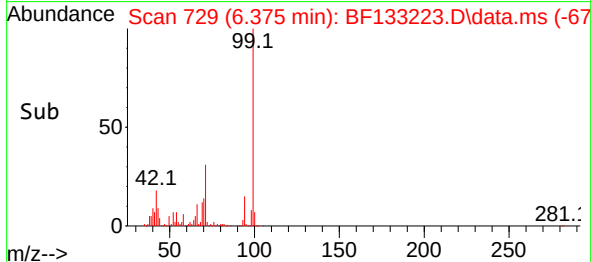
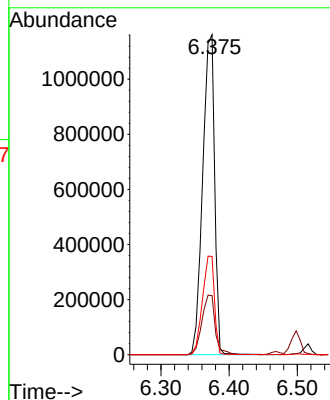
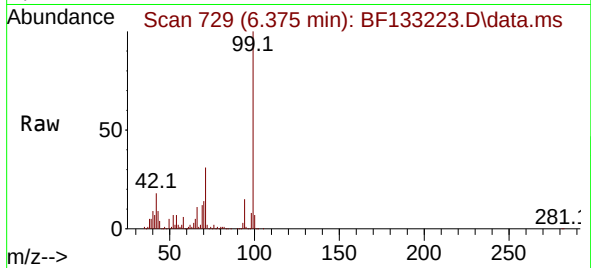




#7
Phenol-d6
Concen: 77.048 ng
RT: 6.375 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

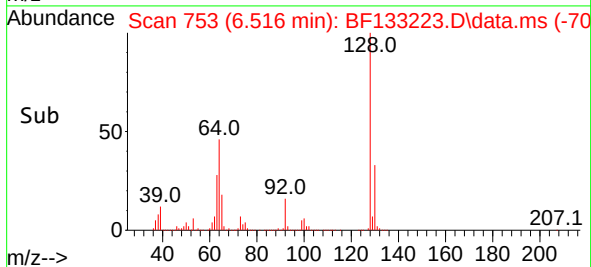
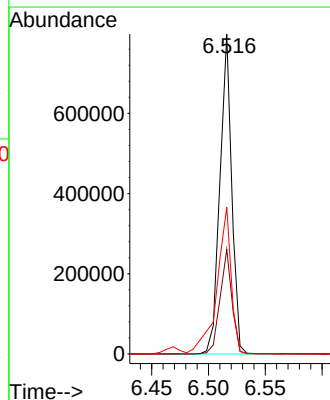
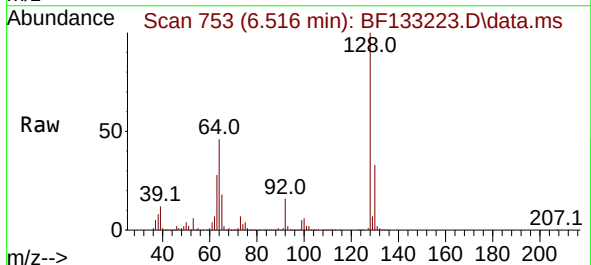
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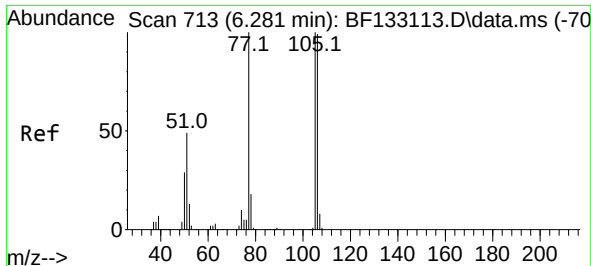
Tgt Ion: 99 Resp: 1415415
Ion Ratio Lower Upper
99 100
42 18.5 16.3 24.5
71 30.7 25.6 38.4



#8
2-Chlorophenol
Concen: 38.590 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF133223.D
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Tgt Ion: 128 Resp: 579910
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 45.9 30.3 70.3

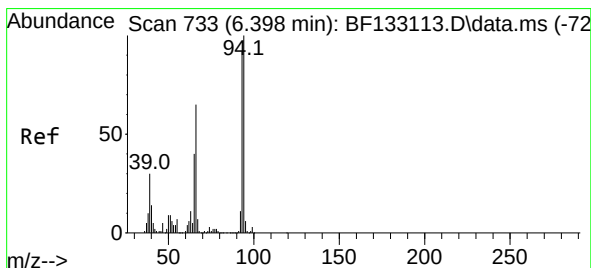
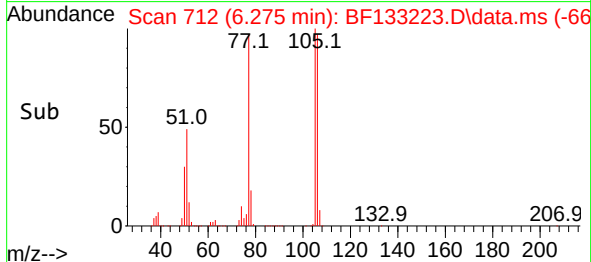
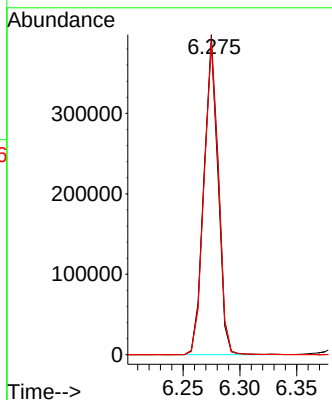
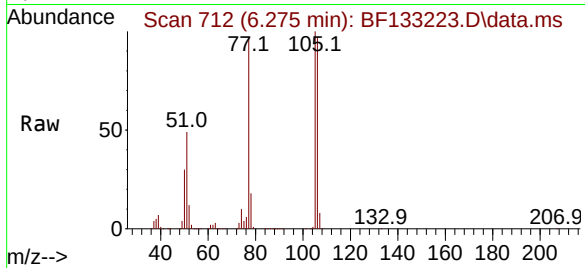




#9
Benzaldehyde
Concen: 39.954 ng
RT: 6.275 min Scan# 712
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

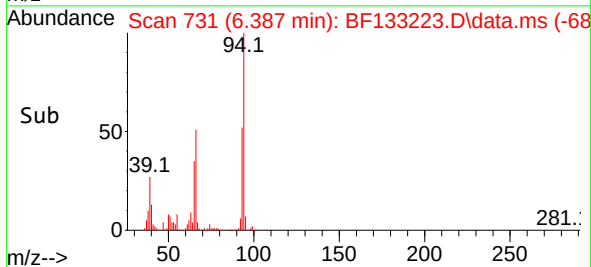
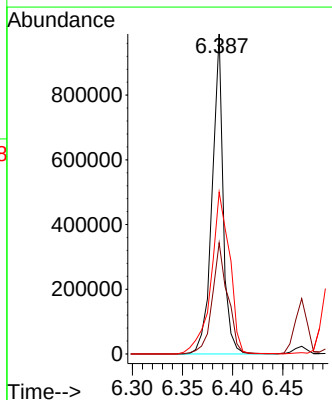
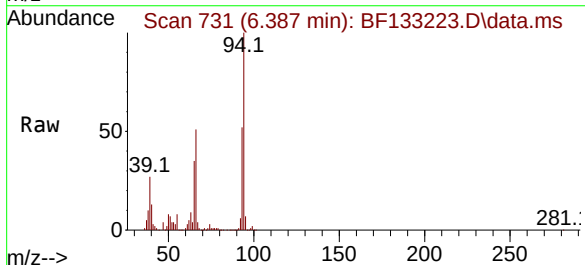
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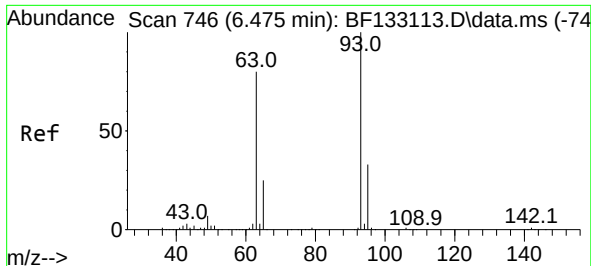
Tgt Ion: 77 Resp: 338743
Ion Ratio Lower Upper
77 100
105 102.6 82.3 122.3
106 99.9 80.8 120.8



#10
Phenol
Concen: 37.375 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133223.D
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Tgt Ion: 94 Resp: 757434
Ion Ratio Lower Upper
94 100
65 34.7 8.6 48.6
66 50.6 17.3 57.3

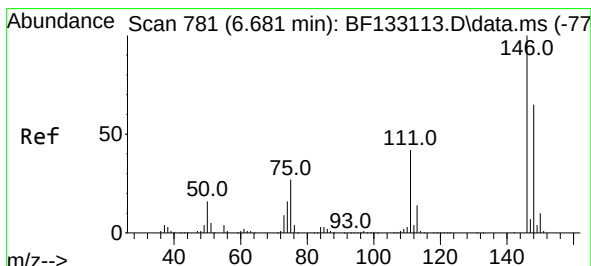
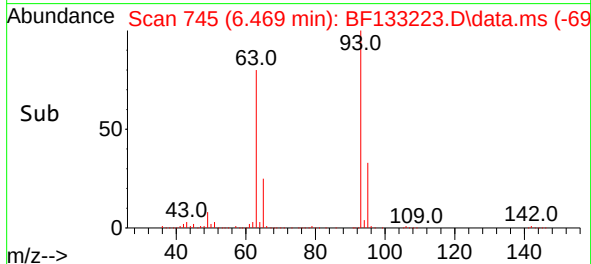
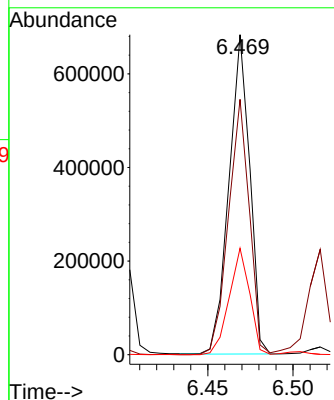
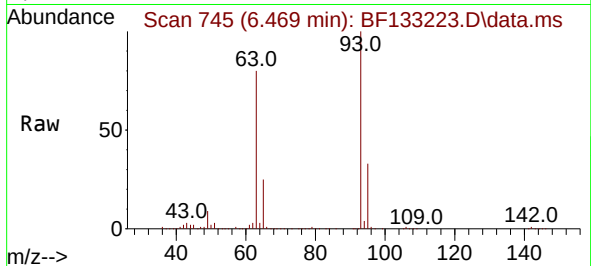




#11
bis(2-Chloroethyl)ether
Concen: 37.992 ng
RT: 6.469 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

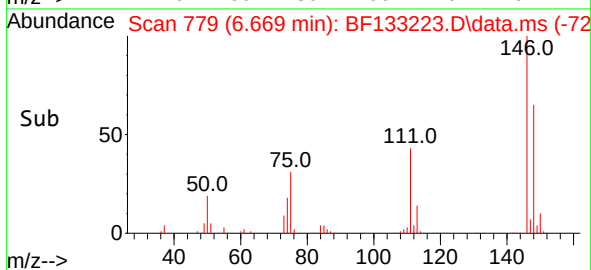
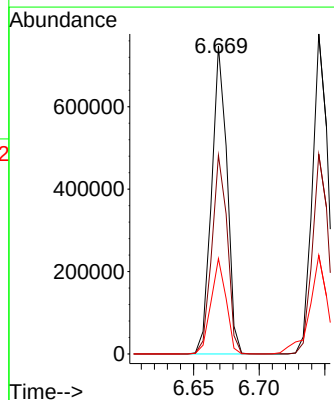
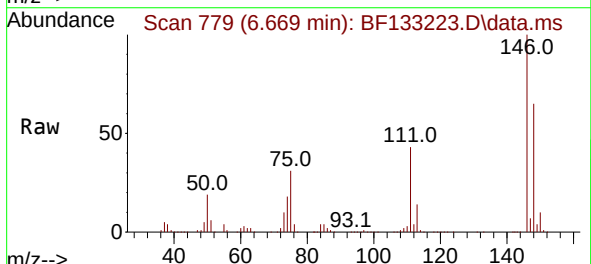
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

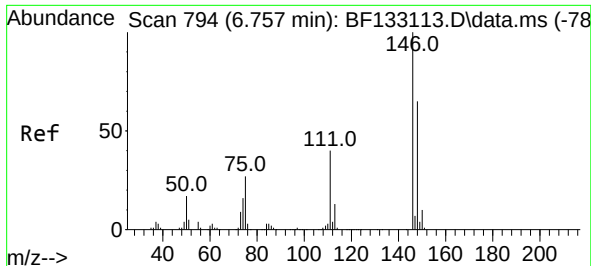
Tgt Ion: 93 Resp: 577778
Ion Ratio Lower Upper
93 100
63 79.8 60.6 100.6
95 33.2 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 38.302 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

Tgt Ion: 146 Resp: 611940
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
75 31.0 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 38.999 ng

RT: 6.745 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

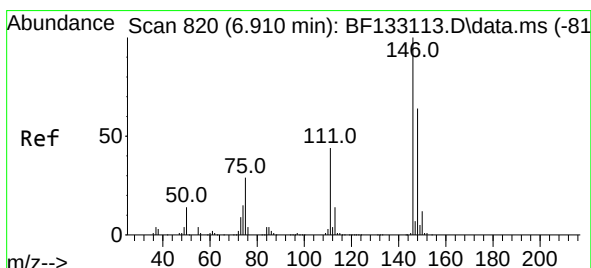
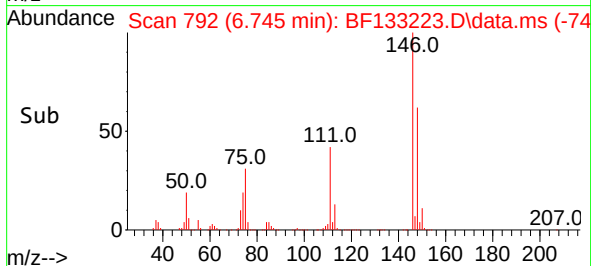
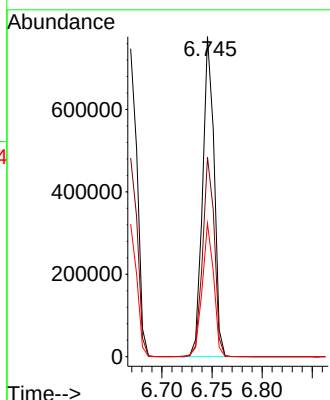
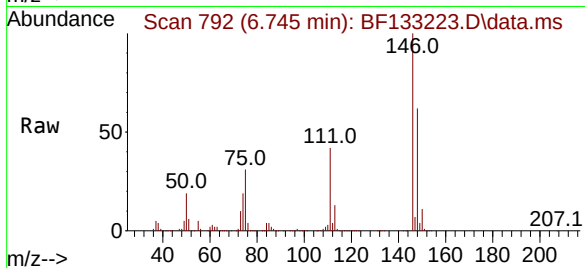
Tgt Ion:146 Resp: 624455

Ion Ratio Lower Upper

146 100

148 62.4 50.3 75.5

111 41.6 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 38.865 ng

RT: 6.904 min Scan# 819

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

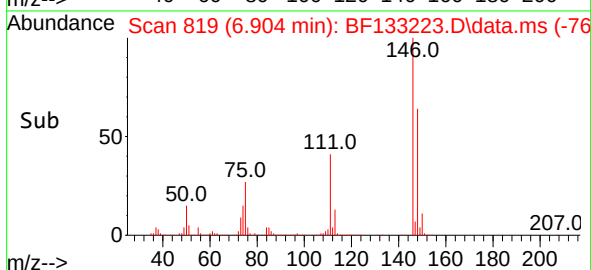
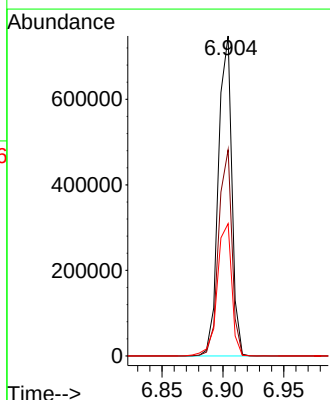
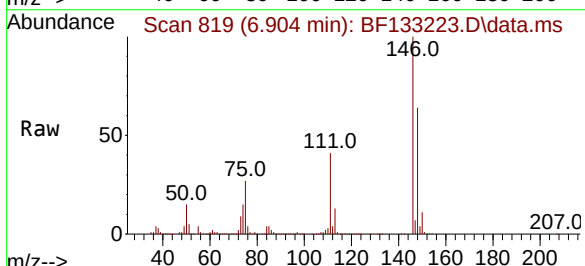
Tgt Ion:146 Resp: 573733

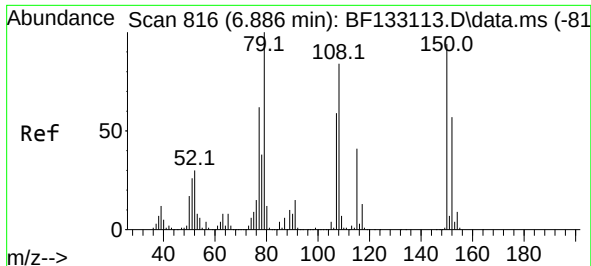
Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

111 41.3 32.8 49.2

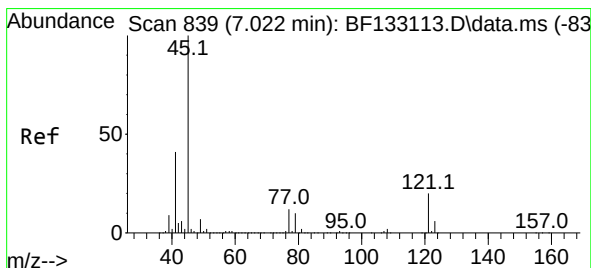
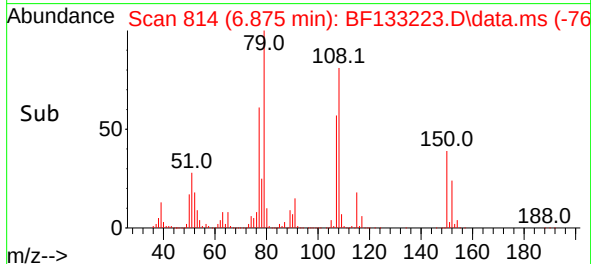
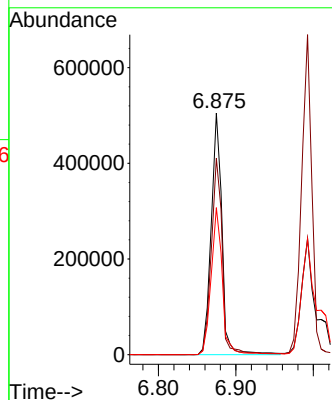
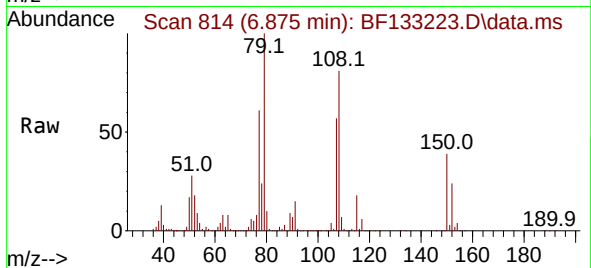




#15
Benzyl Alcohol
Concen: 38.375 ng
RT: 6.875 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

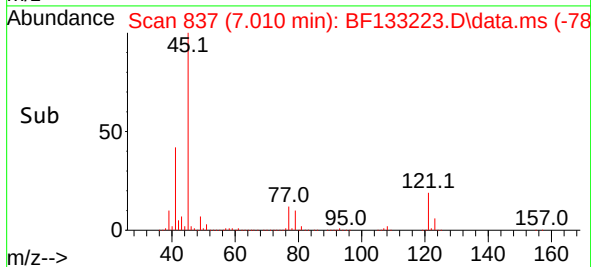
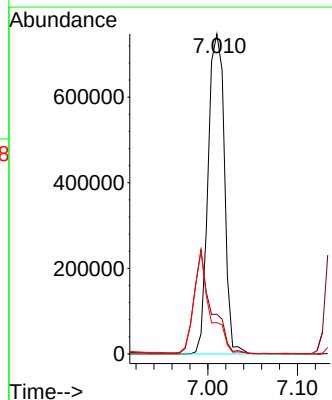
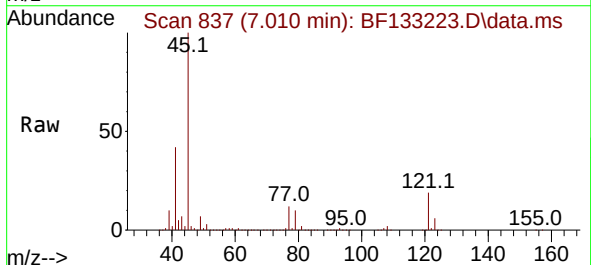
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

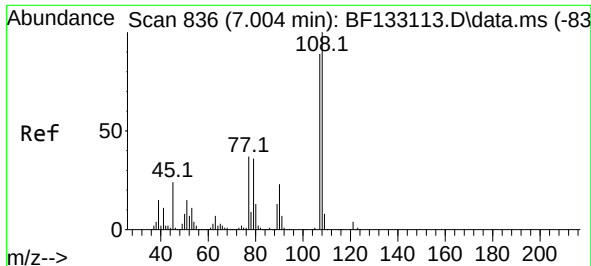
Tgt Ion: 79 Resp: 486963
Ion Ratio Lower Upper
79 100
108 81.3 66.6 99.8
77 60.9 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.555 ng
RT: 7.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

Tgt Ion: 45 Resp: 939147
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.5
79 9.8 0.0 28.7

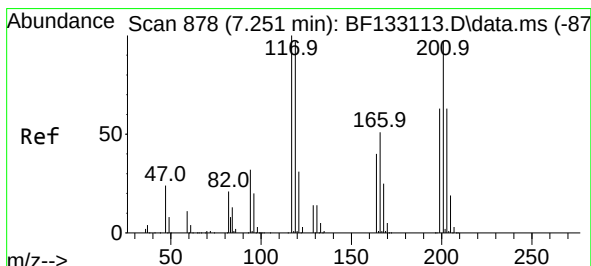
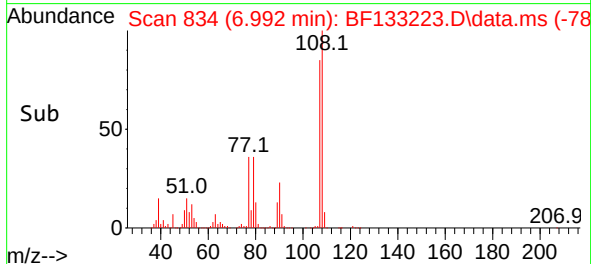
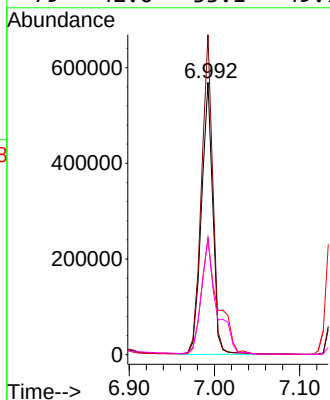
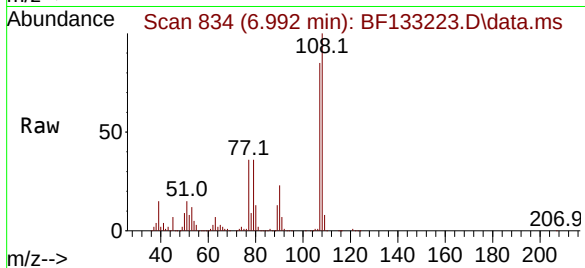




#17
2-Methylphenol
Concen: 38.407 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

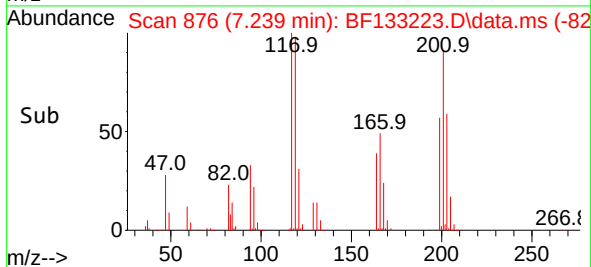
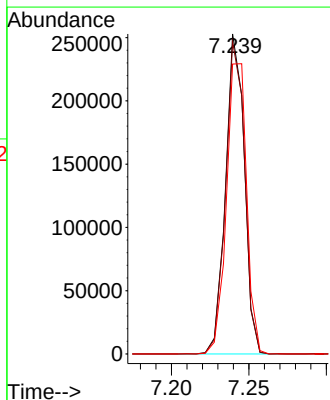
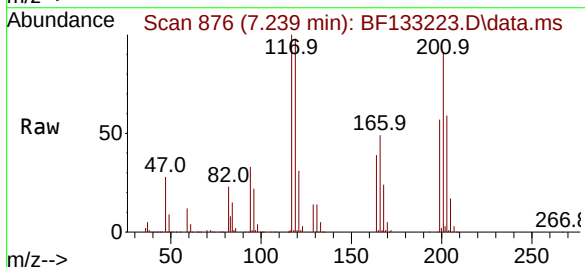
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

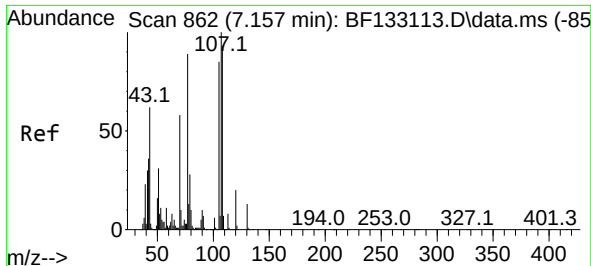
Tgt Ion:	107	Resp:	528491
Ion	Ratio	Lower	Upper
107	100		
108	117.5	92.4	138.6
77	42.7	33.8	50.8
79	42.6	33.1	49.7



#18
Hexachloroethane
Concen: 38.325 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

Tgt Ion:	117	Resp:	213355
Ion	Ratio	Lower	Upper
117	100		
119	97.5	78.2	117.4
201	90.6	81.7	122.5





#19

n-Nitroso-di-n-propylamine

Concen: 33.967 ng

RT: 7.151 min Scan# 8

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 388472

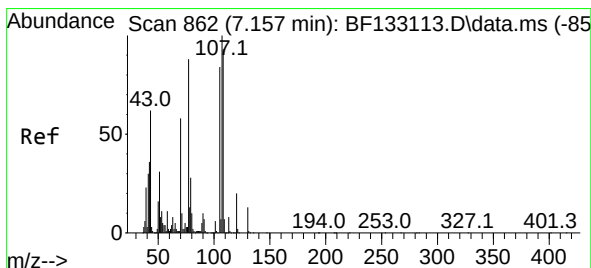
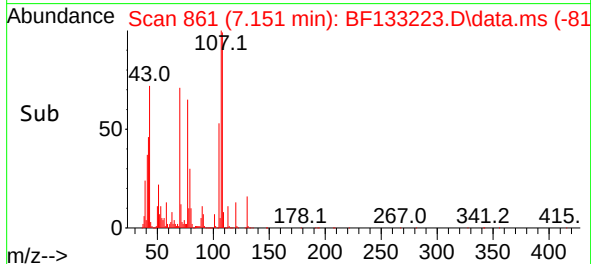
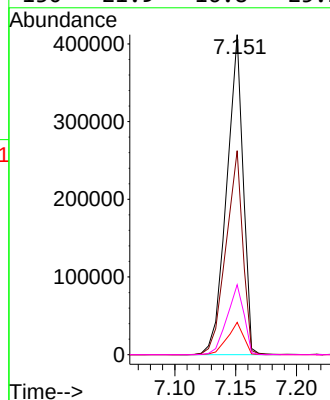
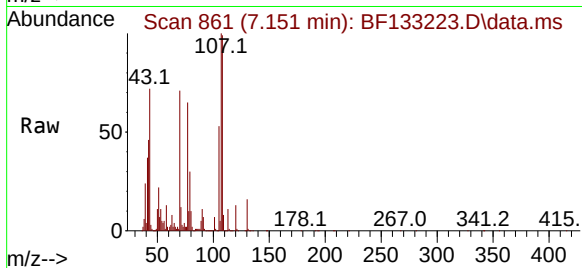
Ion Ratio Lower Upper

70 100

42 63.8 51.8 77.6

101 10.1 8.0 12.0

130 21.9 16.8 25.2



#20

3+4-Methylphenols

Concen: 37.434 ng

RT: 7.145 min Scan# 860

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

Tgt Ion:107 Resp: 606621

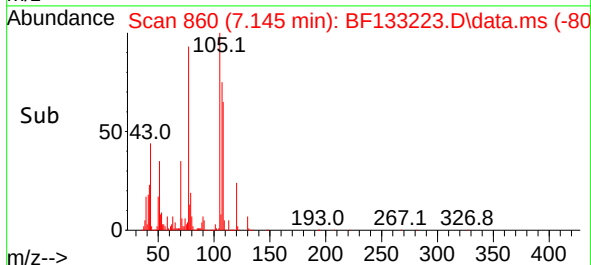
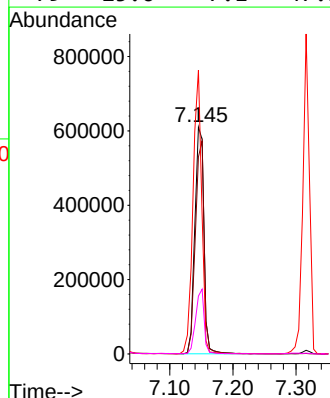
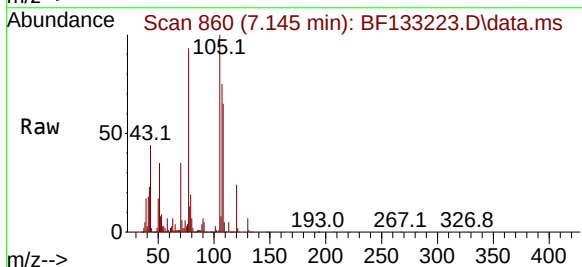
Ion Ratio Lower Upper

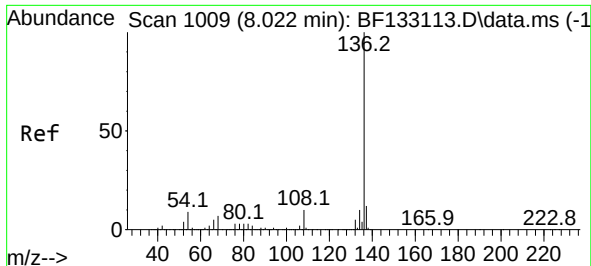
107 100

108 86.9 70.5 110.5

77 125.1 91.7 131.7

79 25.6 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

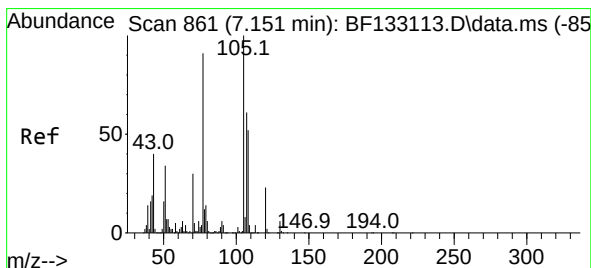
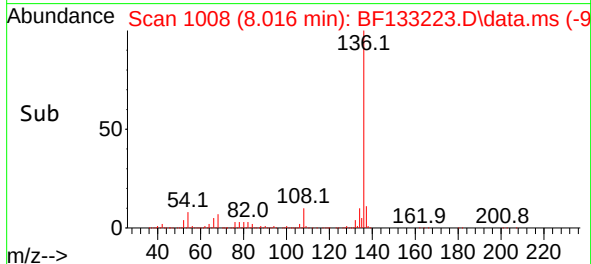
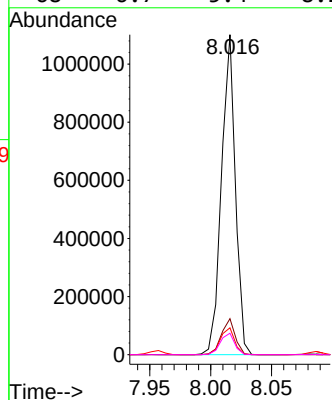
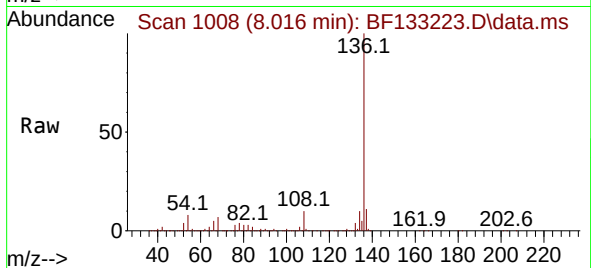
Instrument :

BNA_F

ClientSampleId :

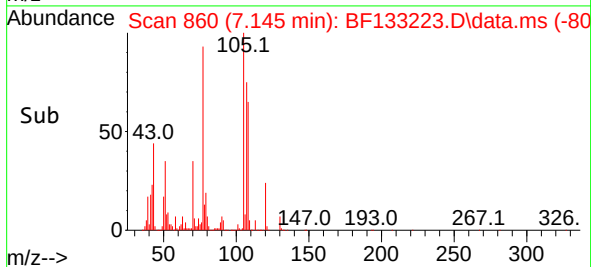
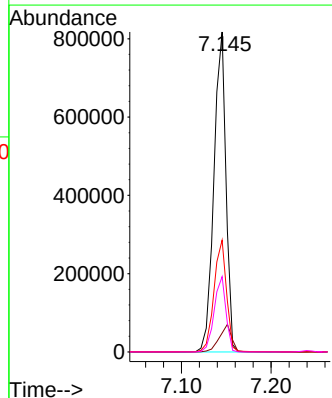
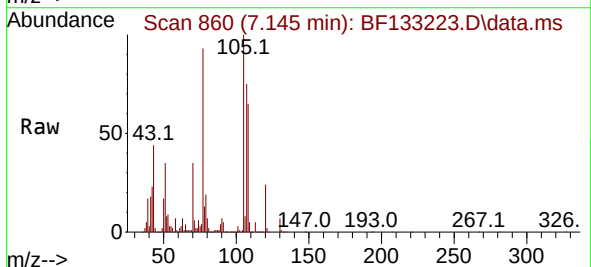
SSTDCCC040

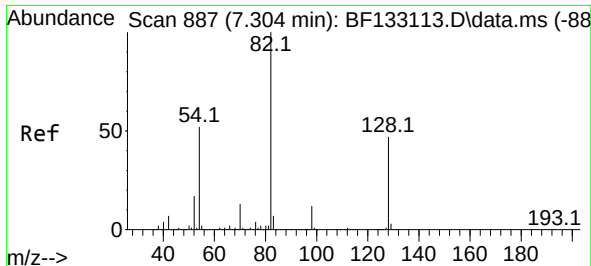
Tgt Ion:136 Resp: 877937
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.4 7.0 10.4
68 6.7 5.4 8.2



#22
Acetophenone
Concen: 37.469 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

Tgt Ion:105 Resp: 762018
Ion Ratio Lower Upper
105 100
71 5.9 4.6 7.0
51 34.9 28.2 42.2
120 23.6 18.4 27.6





#23

Nitrobenzene-d5

Concen: 76.371 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

Instrument :

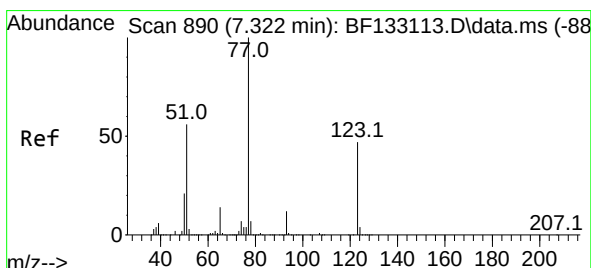
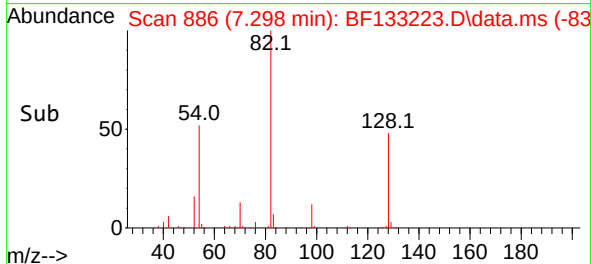
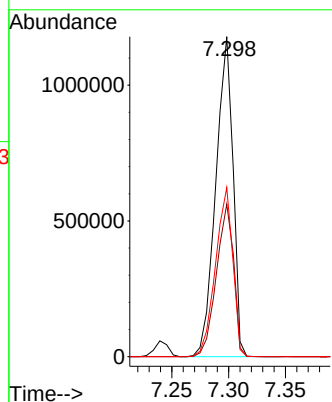
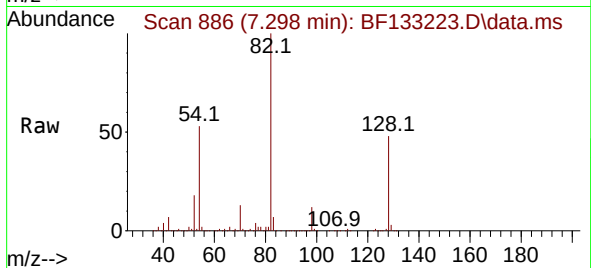
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1242173

Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.7	56.5
54	52.8	43.0	64.4



#24

Nitrobenzene

Concen: 38.054 ng

RT: 7.316 min Scan# 889

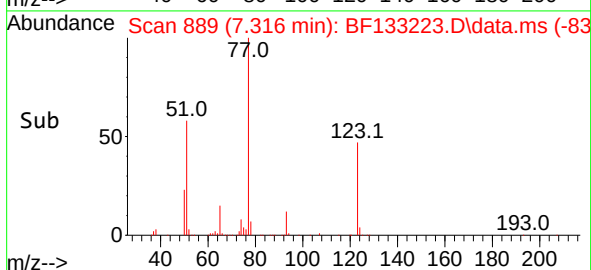
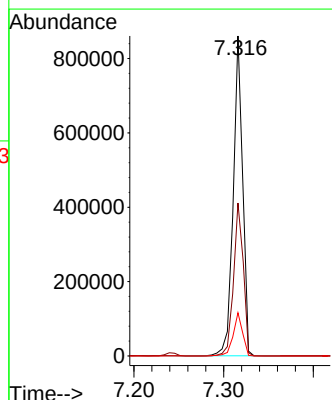
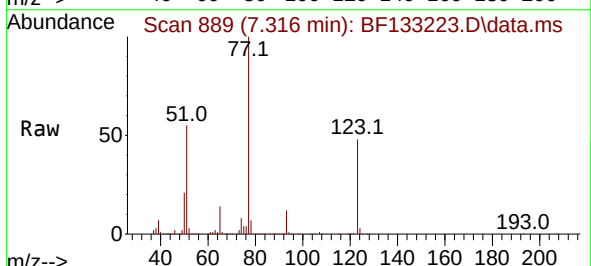
Delta R.T. 0.000 min

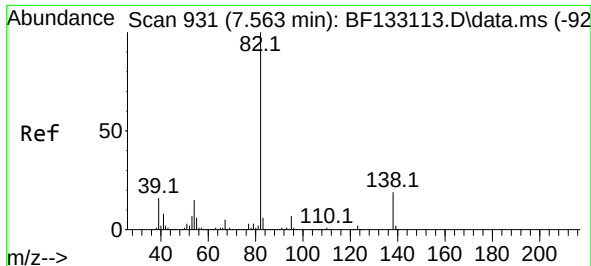
Lab File: BF133223.D

Acq: 04 May 2023 10:37

Tgt Ion: 77 Resp: 627194

Ion	Ratio	Lower	Upper
77	100		
123	47.8	39.9	59.9
65	13.5	10.7	16.1

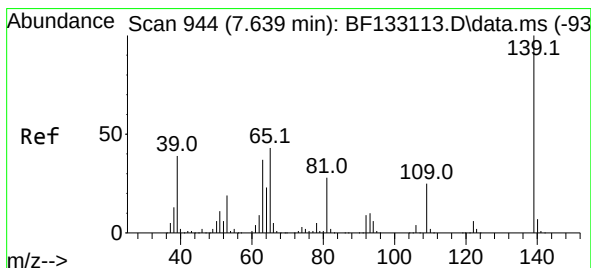
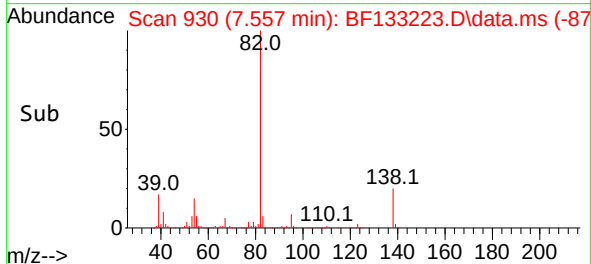
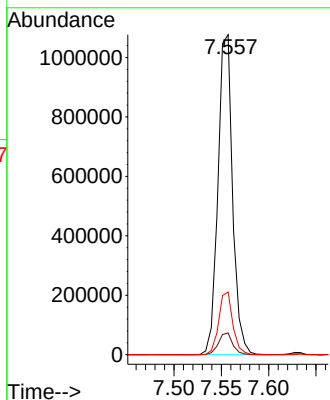
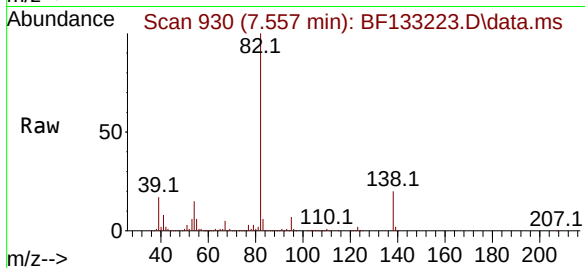




#25
Isophorone
Concen: 37.543 ng
RT: 7.557 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

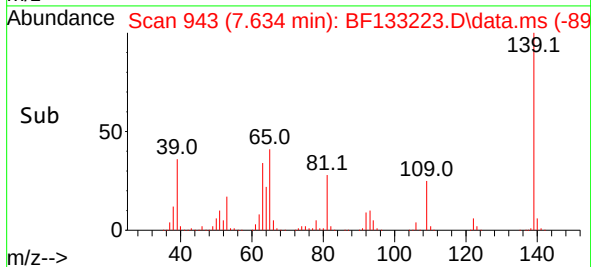
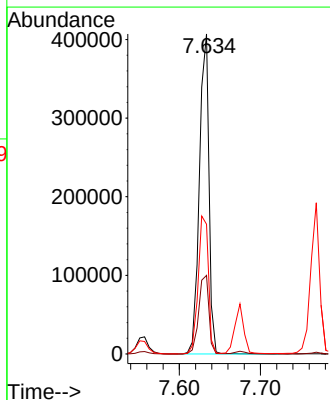
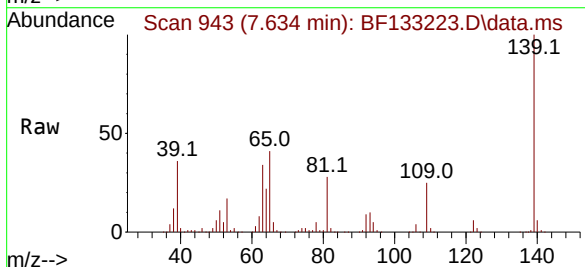
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

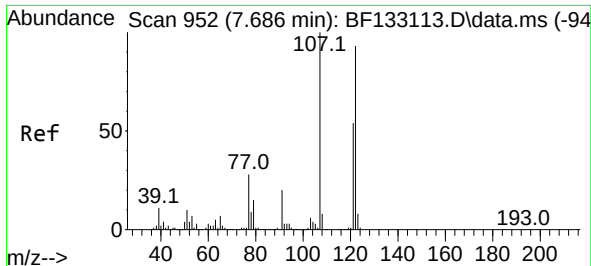
Tgt Ion: 82 Resp: 1159402
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 19.6 16.0 24.0



#26
2-Nitrophenol
Concen: 41.956 ng
RT: 7.634 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

Tgt Ion: 139 Resp: 333540
Ion Ratio Lower Upper
139 100
109 24.6 21.6 32.4
65 40.6 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 38.228 ng

RT: 7.675 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

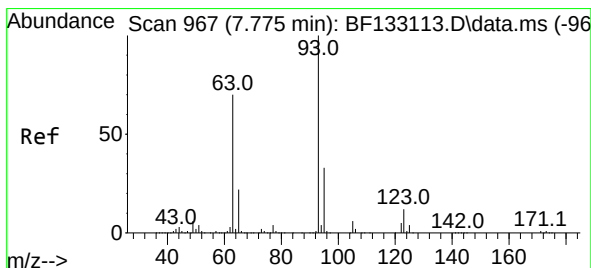
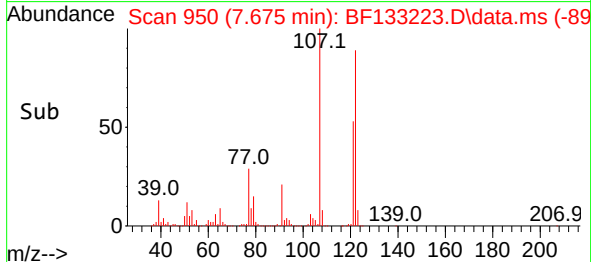
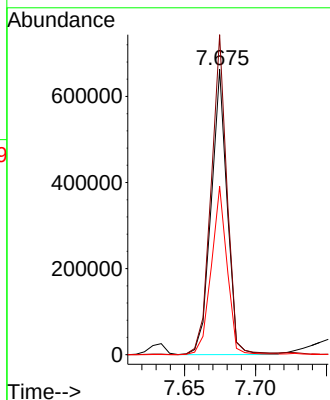
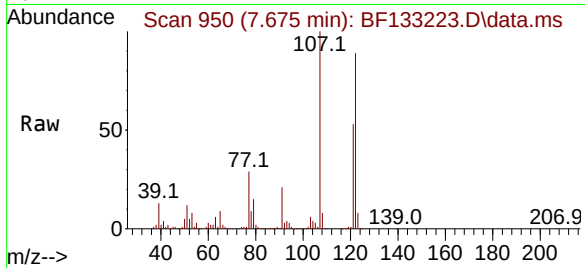
Tgt Ion:122 Resp: 521103

Ion Ratio Lower Upper

122 100

107 112.2 89.7 134.5

121 59.0 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 37.510 ng

RT: 7.769 min Scan# 966

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

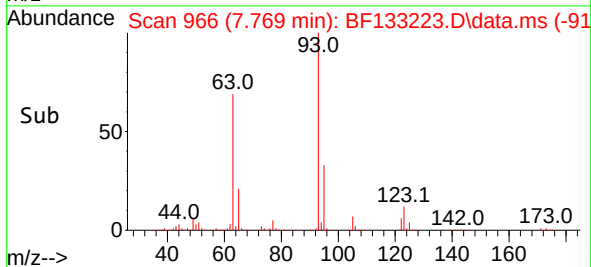
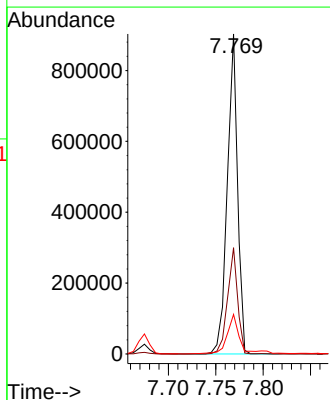
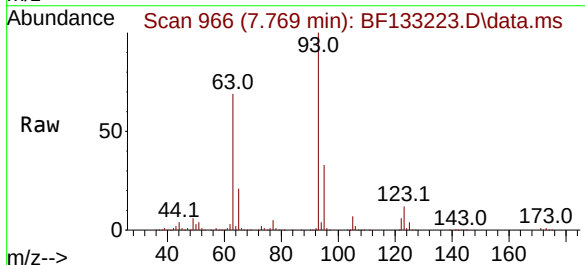
Tgt Ion: 93 Resp: 685282

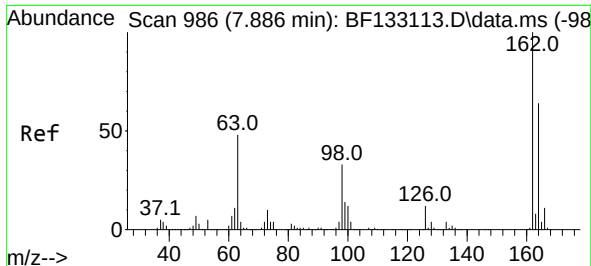
Ion Ratio Lower Upper

93 100

95 33.2 26.4 39.6

123 12.4 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 38.861 ng

RT: 7.875 min Scan# 984

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

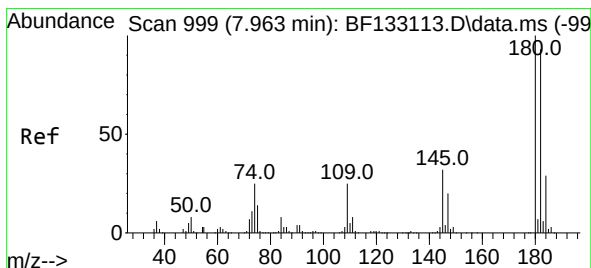
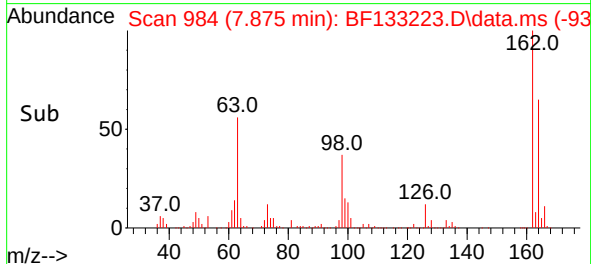
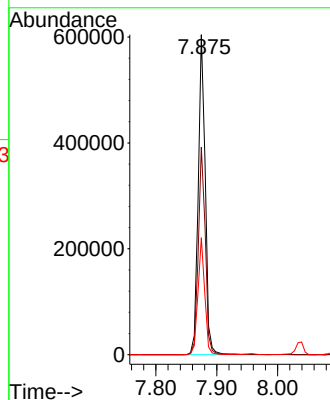
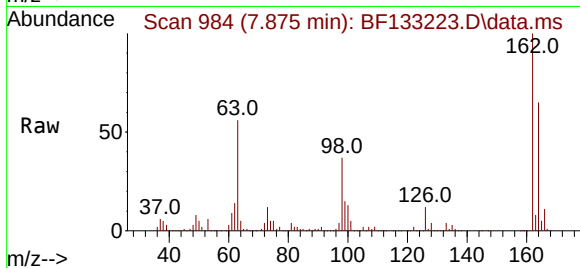
Tgt Ion:162 Resp: 482235

Ion Ratio Lower Upper

162 100

164 64.9 43.9 83.9

98 36.5 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 39.423 ng

RT: 7.957 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

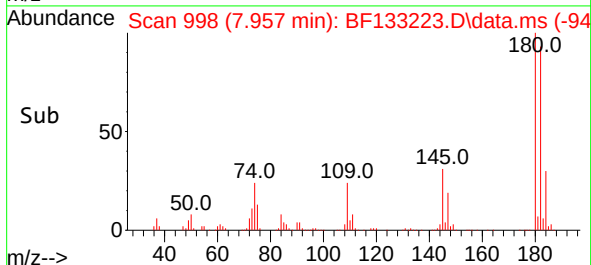
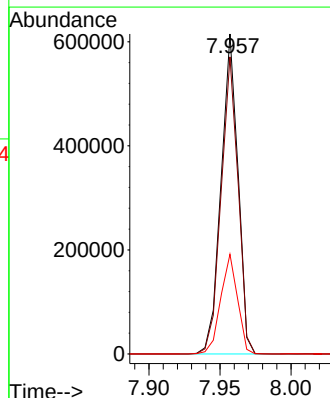
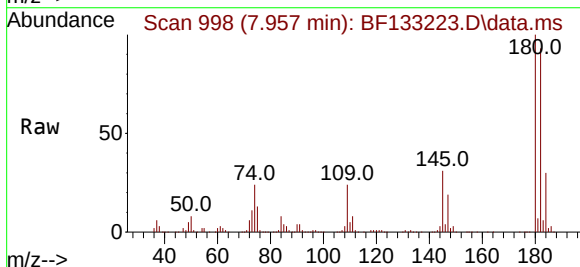
Tgt Ion:180 Resp: 506822

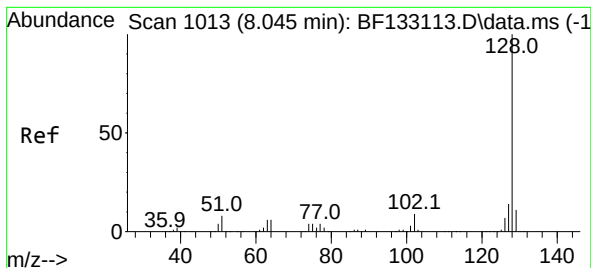
Ion Ratio Lower Upper

180 100

182 92.9 75.9 113.9

145 31.2 25.3 37.9





#31

Naphthalene

Concen: 38.163 ng

RT: 8.039 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

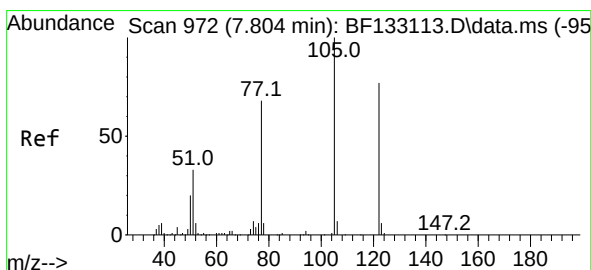
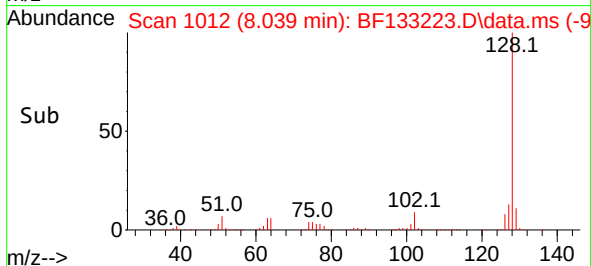
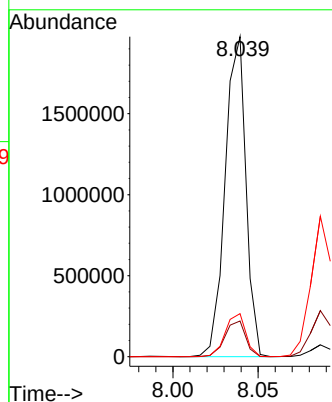
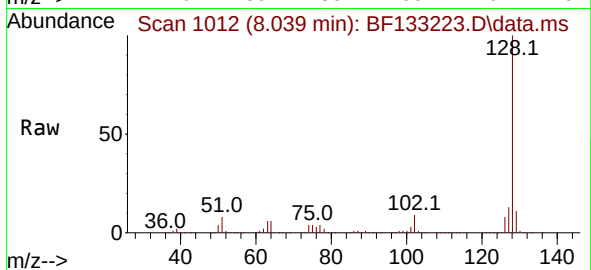
Tgt Ion:128 Resp: 1675152

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.5 10.7 16.1



#32

Benzoic acid

Concen: 35.704 ng

RT: 7.804 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

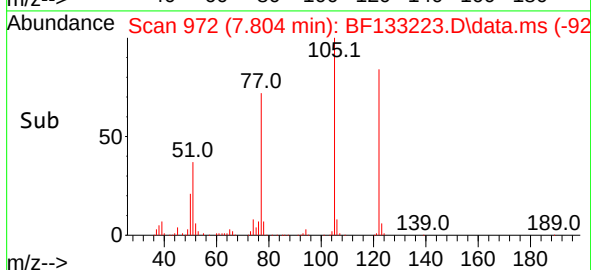
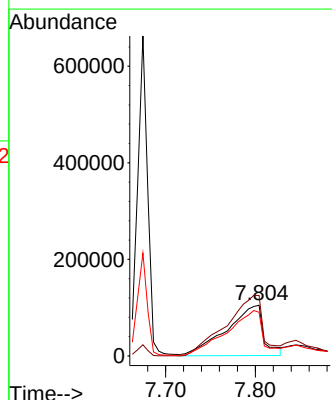
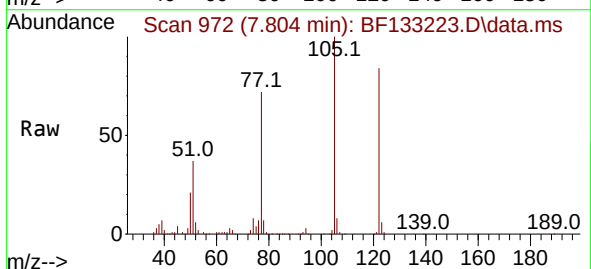
Tgt Ion:122 Resp: 300631

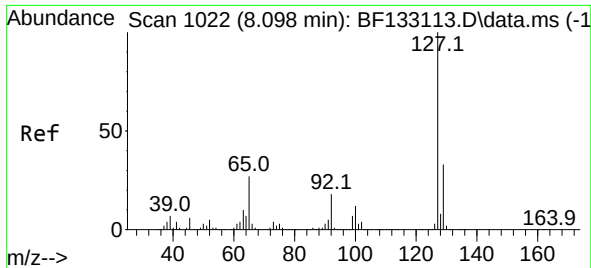
Ion Ratio Lower Upper

122 100

105 119.4 104.2 144.2

77 86.3 69.7 109.7

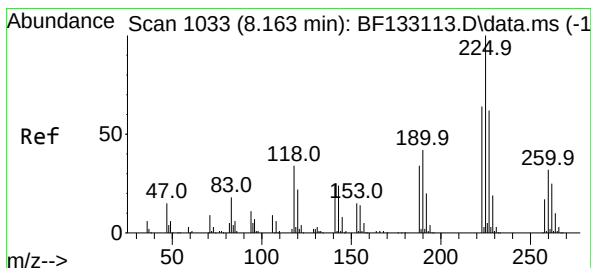
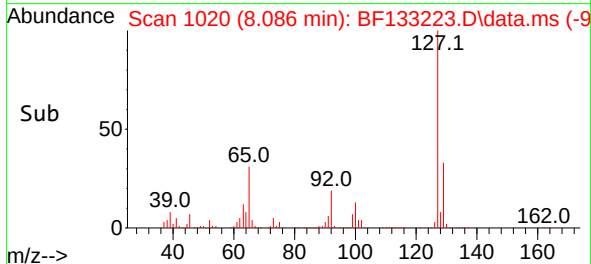
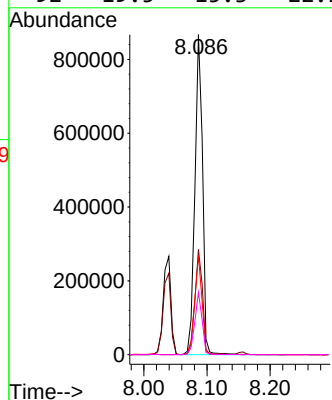
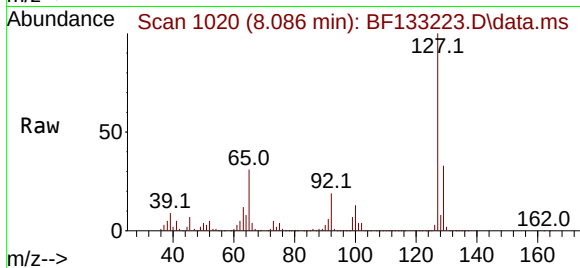




#33
4-Chloroaniline
Concen: 41.117 ng
RT: 8.086 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

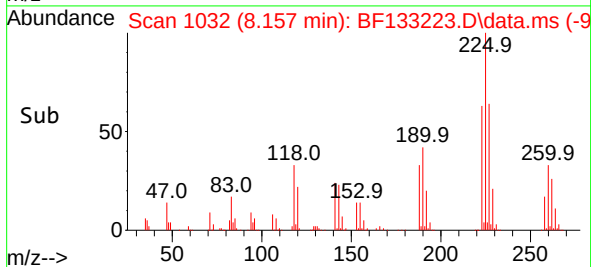
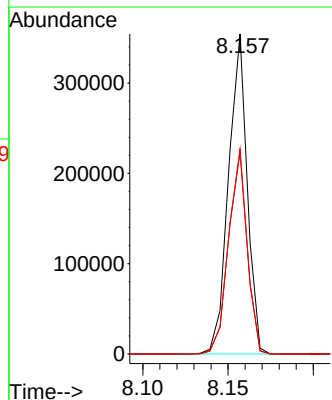
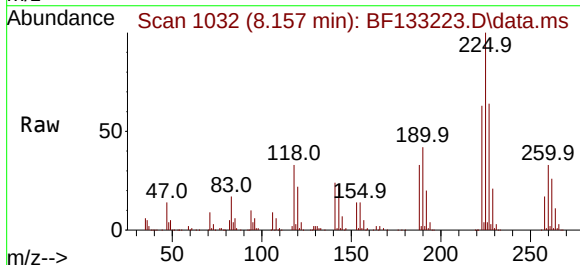
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

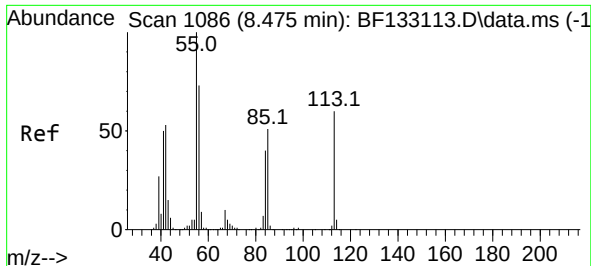
Tgt Ion:	127	Resp:	729211
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.8
65	31.1	23.6	35.4
92	19.5	15.3	22.9



#34
Hexachlorobutadiene
Concen: 37.893 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

Tgt Ion:	225	Resp:	270002
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.9	76.3
227	64.1	50.3	75.5

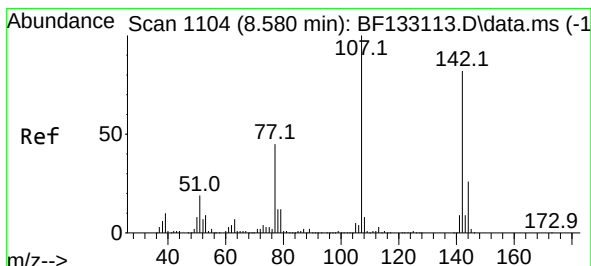
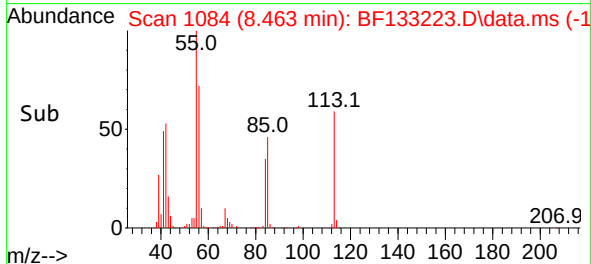
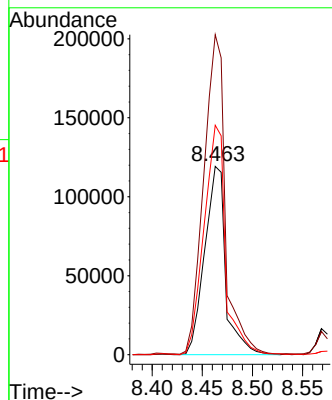
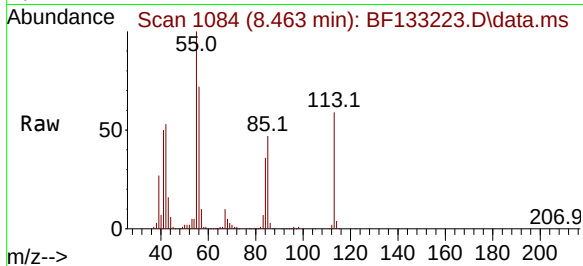




#35
 Caprolactam
 Concen: 41.564 ng
 RT: 8.463 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: BF133223.D
 Acq: 04 May 2023 10:37

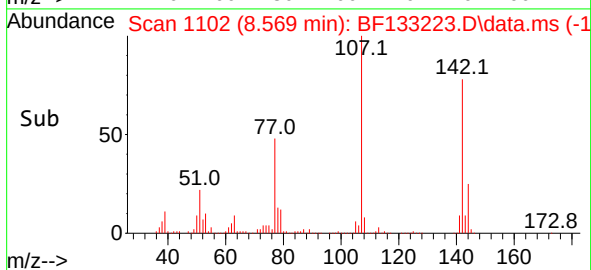
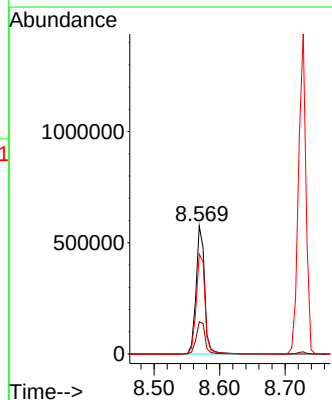
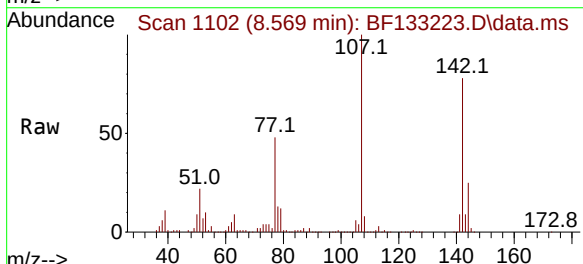
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

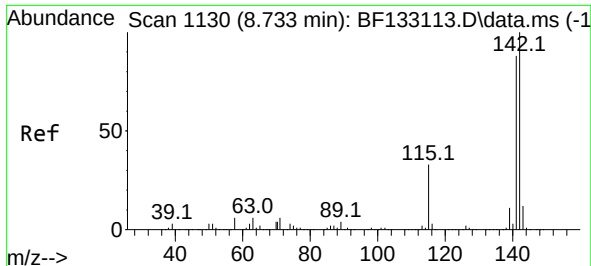
Tgt Ion:113 Resp: 173271
 Ion Ratio Lower Upper
 113 100
 55 169.9 167.1 207.1
 56 121.8 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 39.069 ng
 RT: 8.569 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: BF133223.D
 Acq: 04 May 2023 10:37

Tgt Ion:107 Resp: 522817
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.6 30.8
 142 78.1 62.8 94.2





#37

2-Methylnaphthalene

Concen: 37.920 ng

RT: 8.728 min Scan# 1129

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

Instrument :

BNA_F

ClientSampleId :

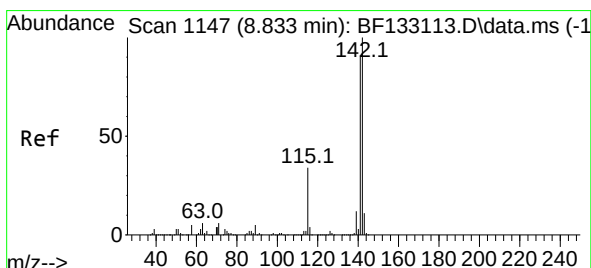
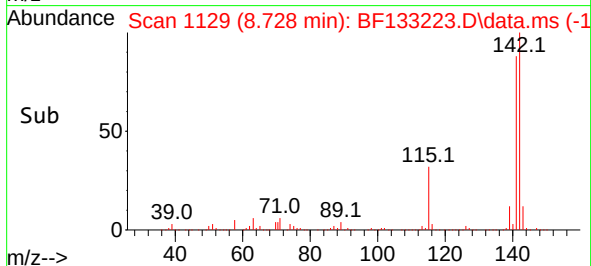
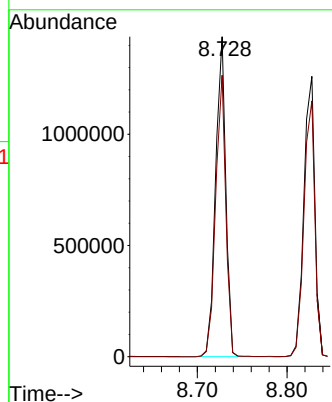
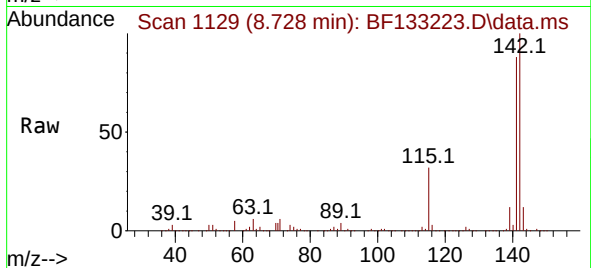
SSTDCCC040

Tgt Ion:142 Resp: 1137956

Ion Ratio Lower Upper

142 100

141 88.0 69.4 104.0



#38

1-Methylnaphthalene

Concen: 38.243 ng

RT: 8.828 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF133223.D

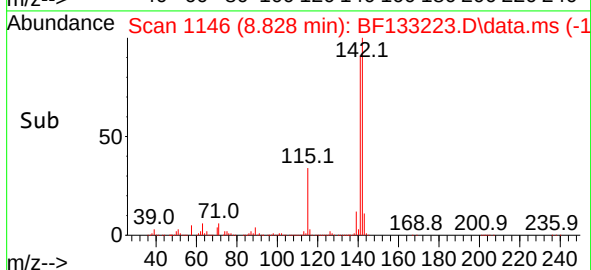
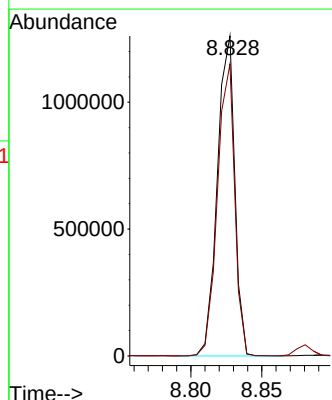
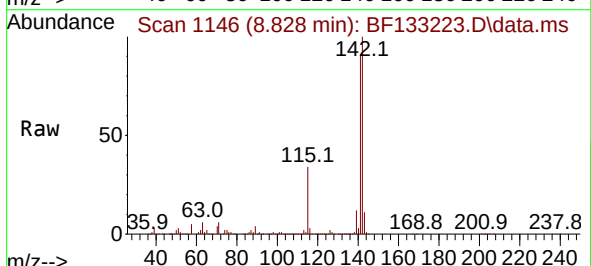
Acq: 04 May 2023 10:37

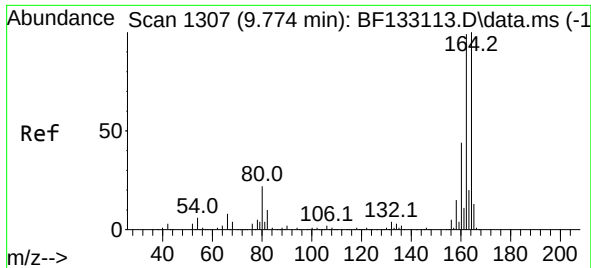
Tgt Ion:142 Resp: 1073605

Ion Ratio Lower Upper

142 100

141 91.2 73.1 109.7

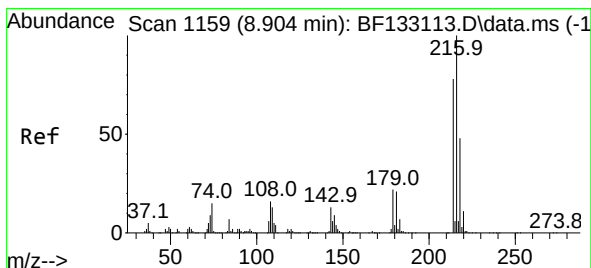
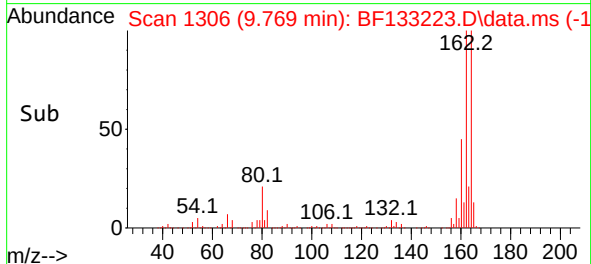
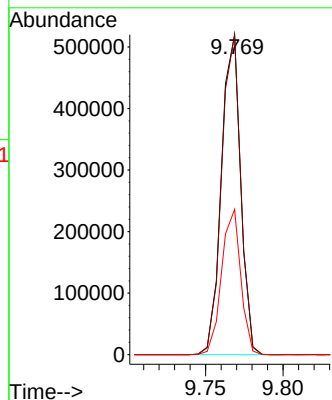
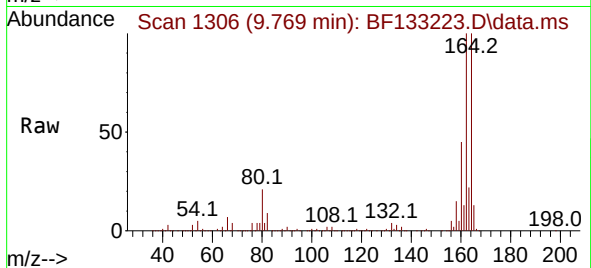




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

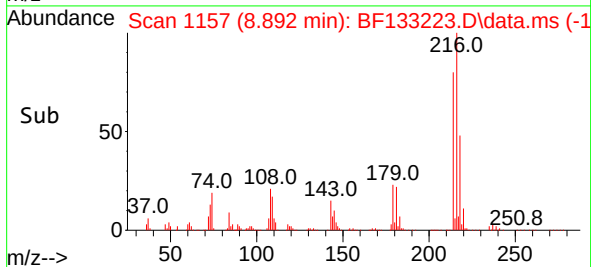
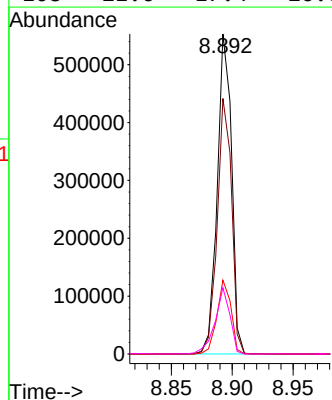
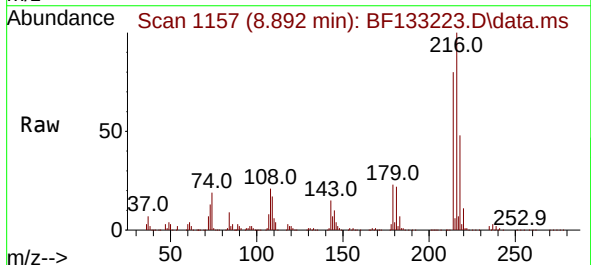
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

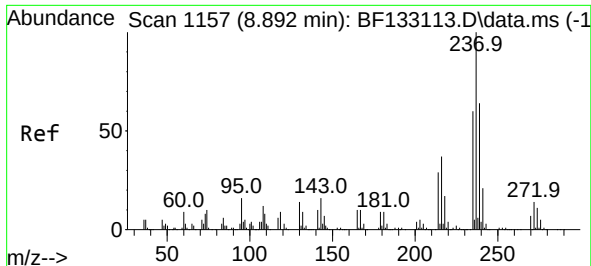
Tgt Ion:164 Resp: 448942
Ion Ratio Lower Upper
164 100
162 99.9 78.7 118.1
160 45.4 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.613 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

Tgt Ion:216 Resp: 454023
Ion Ratio Lower Upper
216 100
214 79.8 63.5 95.3
179 22.7 17.4 26.2
108 21.6 17.4 26.0

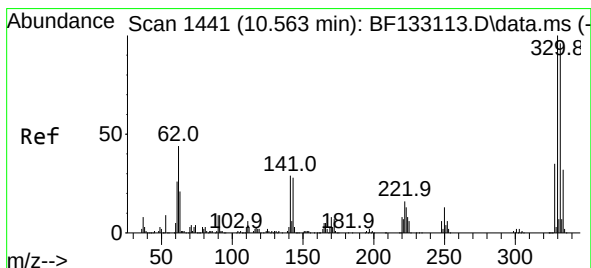
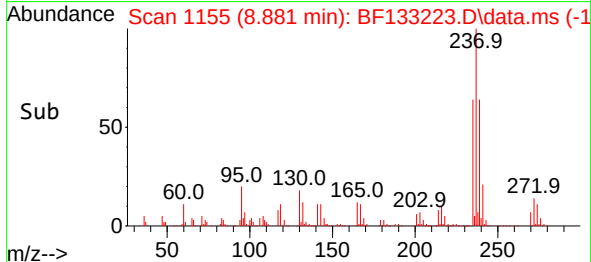
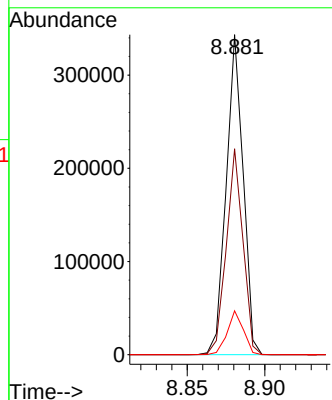
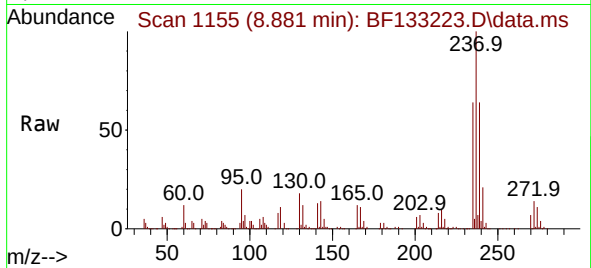




#41
Hexachlorocyclopentadiene
Concen: 37.041 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

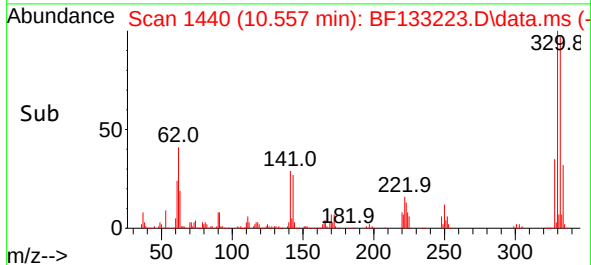
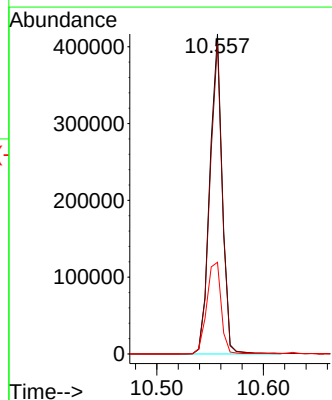
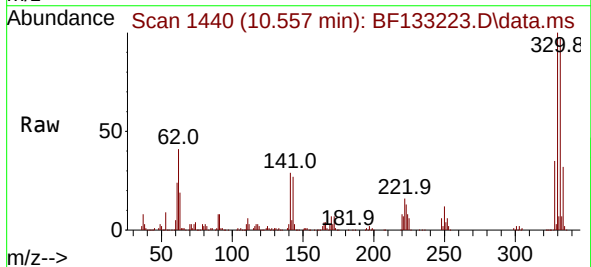
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

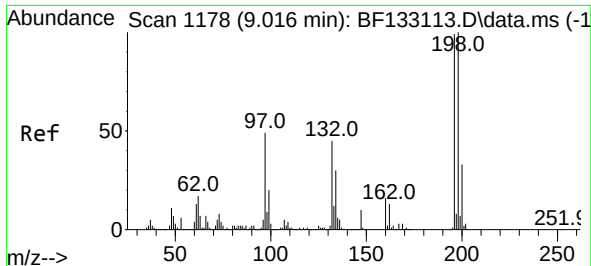
Tgt Ion:237 Resp: 260759
Ion Ratio Lower Upper
237 100
235 64.3 43.5 83.5
272 13.7 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 74.818 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

Tgt Ion:330 Resp: 337801
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 33.5 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 38.757 ng

RT: 9.004 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

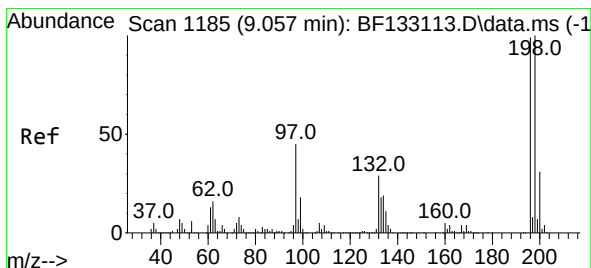
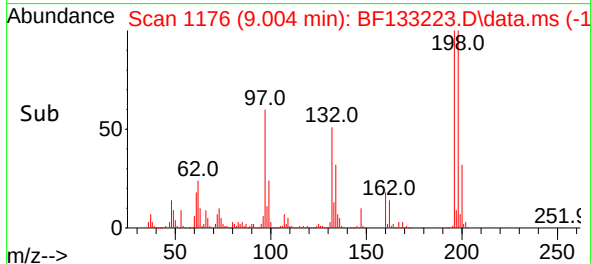
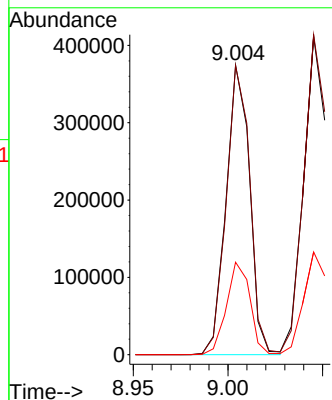
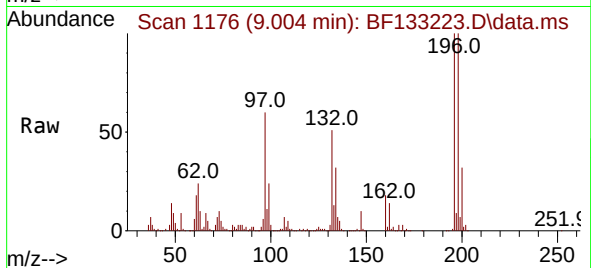
Tgt Ion:196 Resp: 323537

Ion Ratio Lower Upper

196 100

198 99.9 81.0 121.6

200 32.0 26.1 39.1



#44

2,4,5-Trichlorophenol

Concen: 38.829 ng

RT: 9.045 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

Tgt Ion:196 Resp: 374873

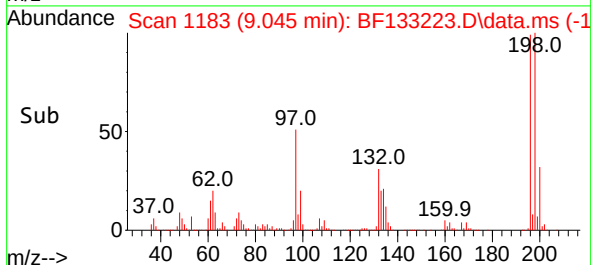
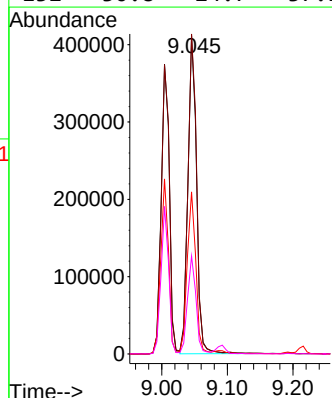
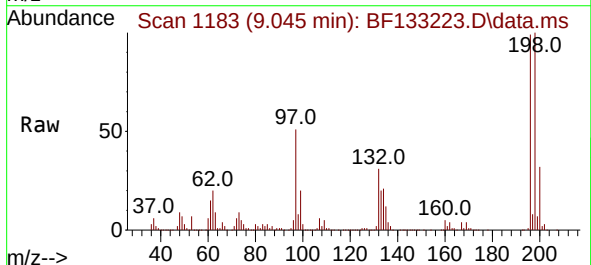
Ion Ratio Lower Upper

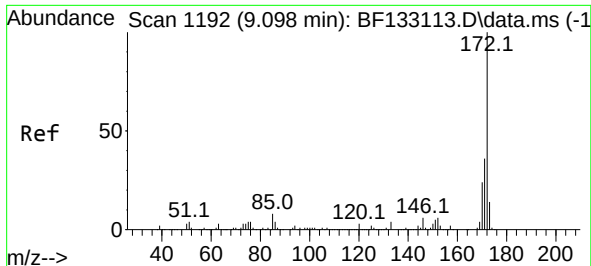
196 100

198 100.6 80.9 121.3

97 50.9 41.3 61.9

132 30.8 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 75.901 ng

RT: 9.092 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

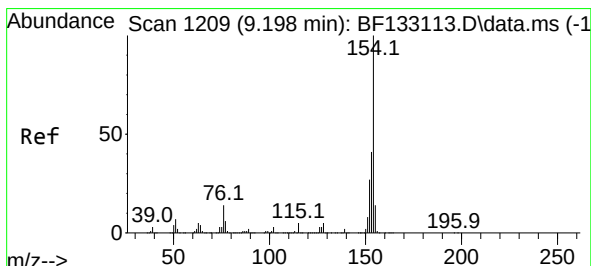
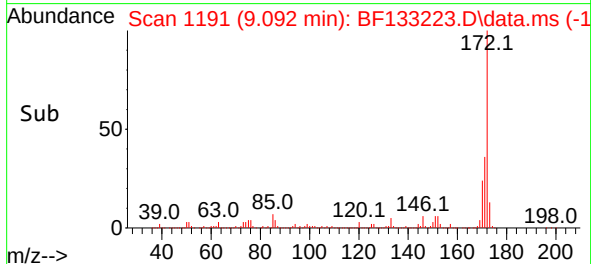
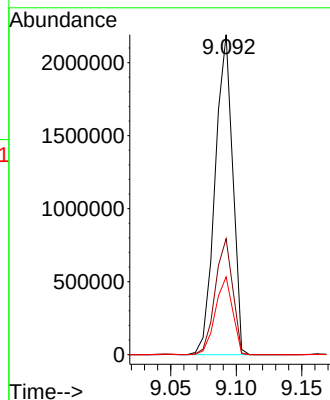
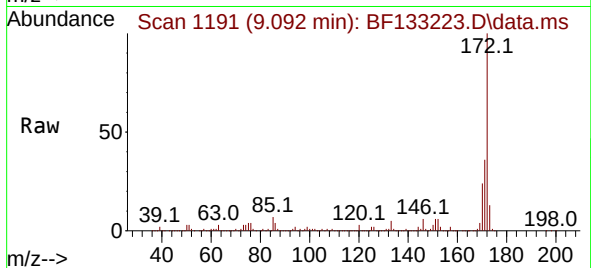
Tgt Ion:172 Resp: 2036782

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.3 19.4 29.2



#46

1,1'-Biphenyl

Concen: 37.191 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

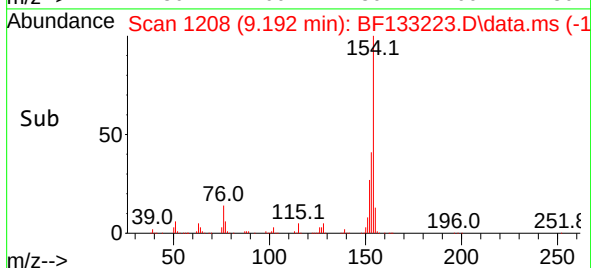
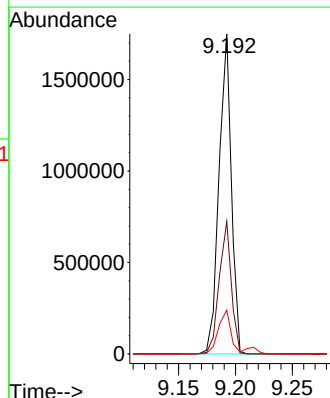
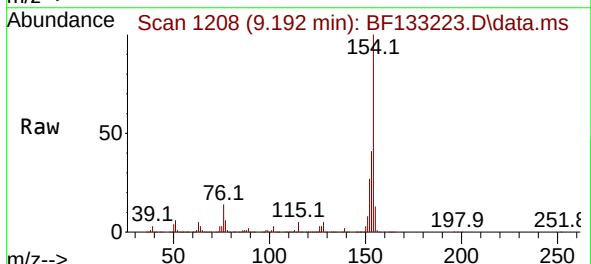
Tgt Ion:154 Resp: 1323962

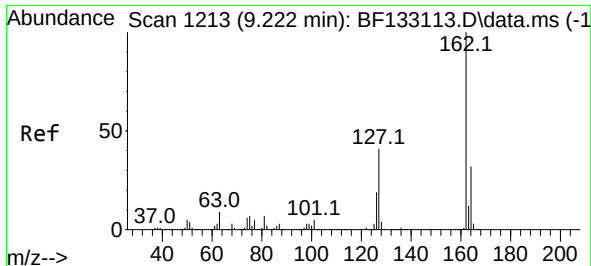
Ion Ratio Lower Upper

154 100

153 41.4 21.0 61.0

76 13.7 0.0 34.5





#47

2-Chloronaphthalene

Concen: 38.271 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

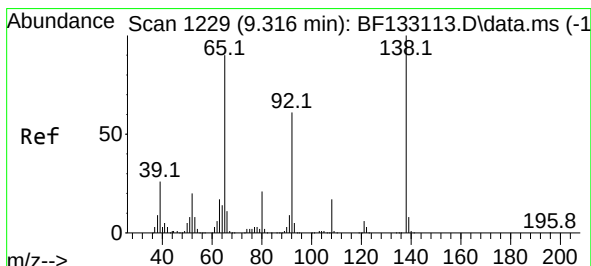
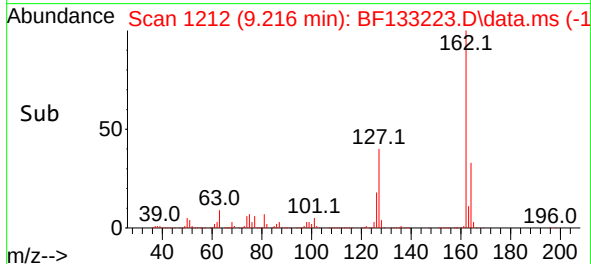
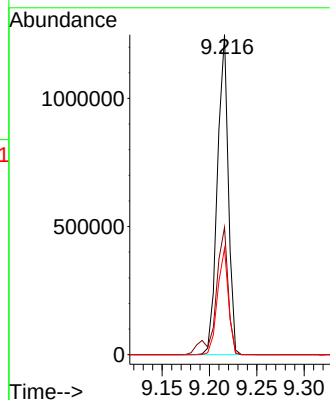
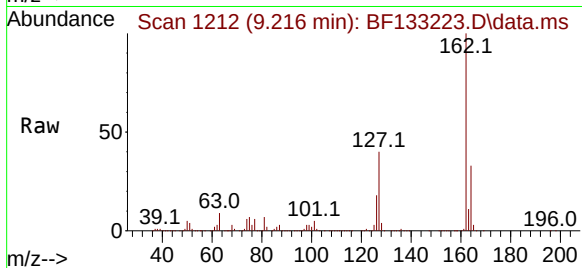
Tgt Ion:162 Resp: 997194

Ion Ratio Lower Upper

162 100

127 39.8 32.3 48.5

164 33.3 26.8 40.2



#48

2-Nitroaniline

Concen: 39.384 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

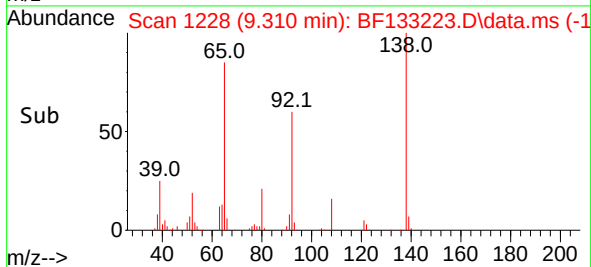
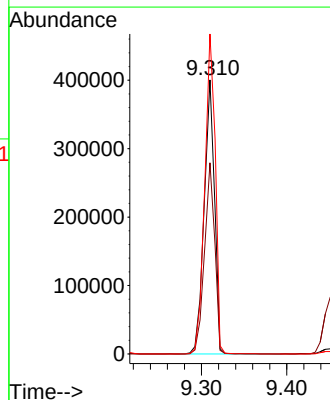
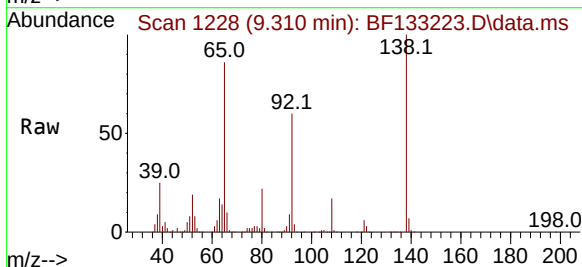
Tgt Ion: 65 Resp: 339154

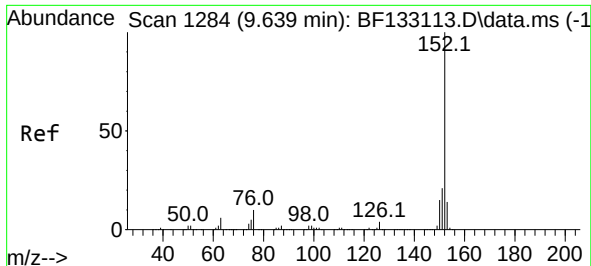
Ion Ratio Lower Upper

65 100

92 69.8 55.4 83.0

138 116.8 98.2 147.2





#49

Acenaphthylene

Concen: 37.963 ng

RT: 9.628 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

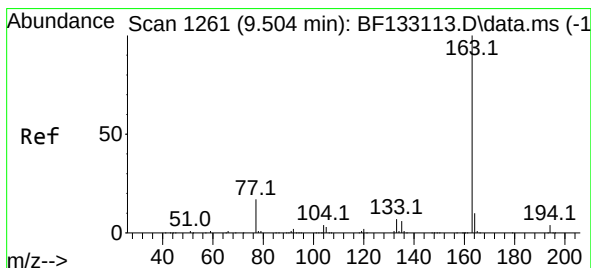
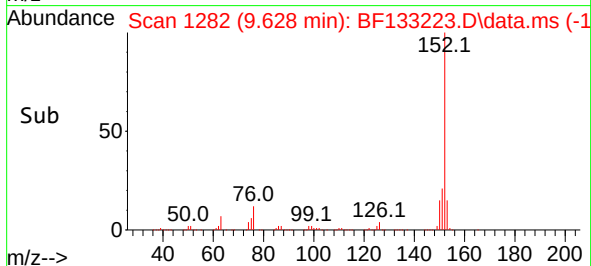
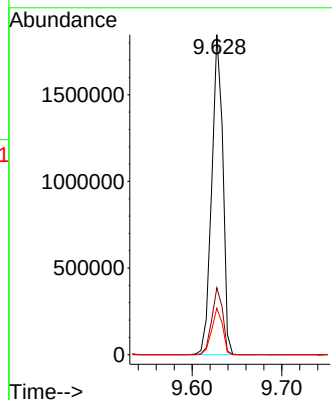
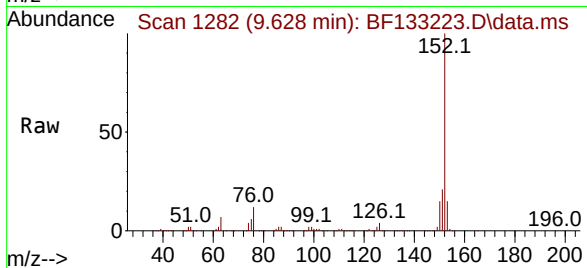
Tgt Ion:152 Resp: 1580544

Ion Ratio Lower Upper

152 100

151 20.9 16.6 24.8

153 14.5 11.5 17.3



#50

Dimethylphthalate

Concen: 38.777 ng

RT: 9.498 min Scan# 1260

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

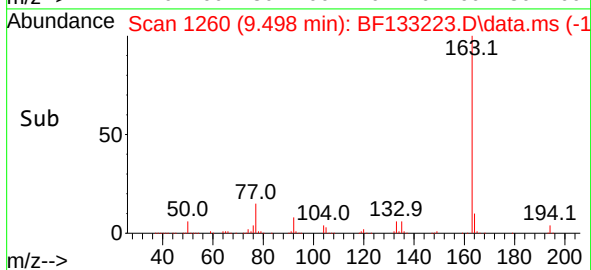
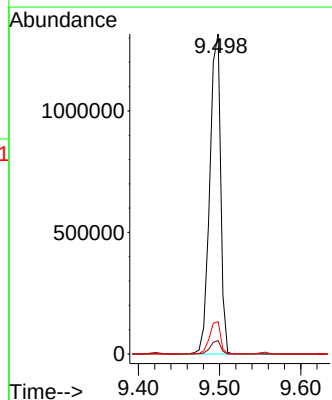
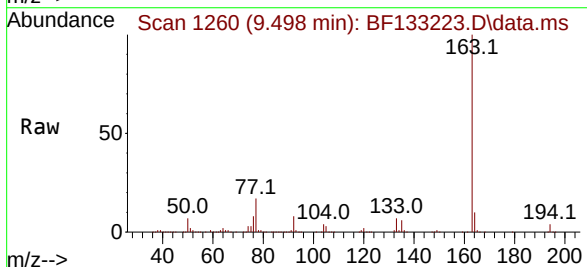
Tgt Ion:163 Resp: 1213860

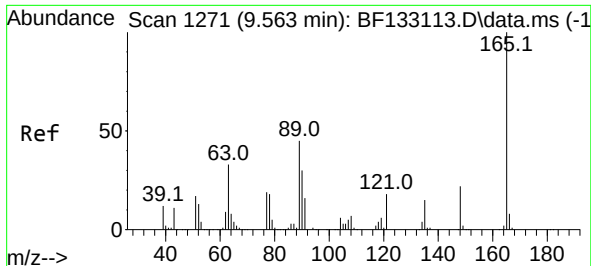
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 10.1 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 39.319 ng

RT: 9.557 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

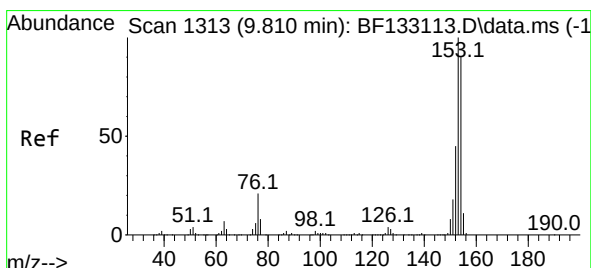
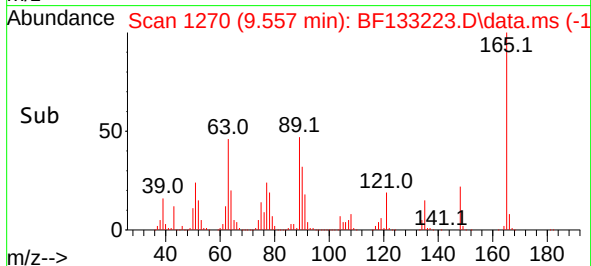
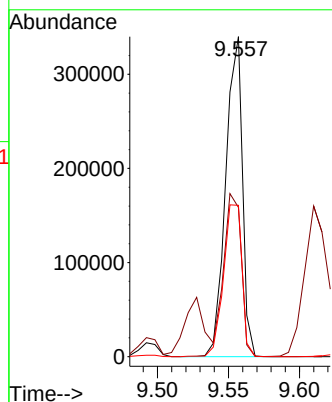
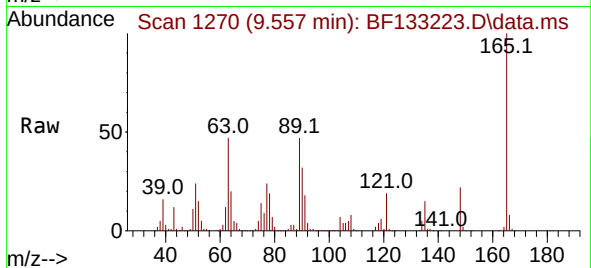
Tgt Ion:165 Resp: 277026

Ion Ratio Lower Upper

165 100

63 46.6 45.9 68.9

89 47.3 44.0 66.0



#52

Acenaphthene

Concen: 36.032 ng

RT: 9.804 min Scan# 1312

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

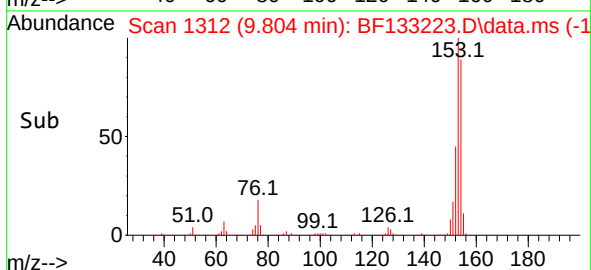
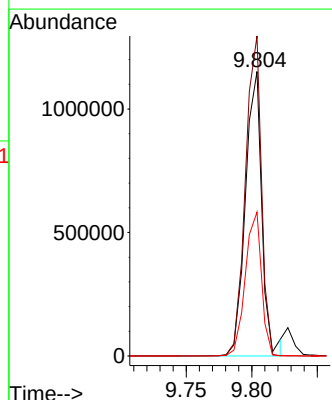
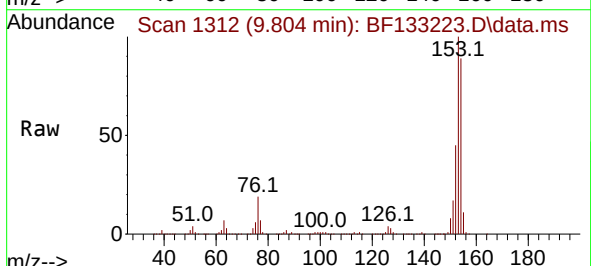
Tgt Ion:154 Resp: 1004732

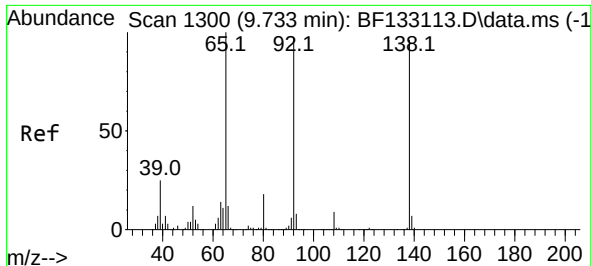
Ion Ratio Lower Upper

154 100

153 112.5 89.0 133.6

152 50.6 40.4 60.6

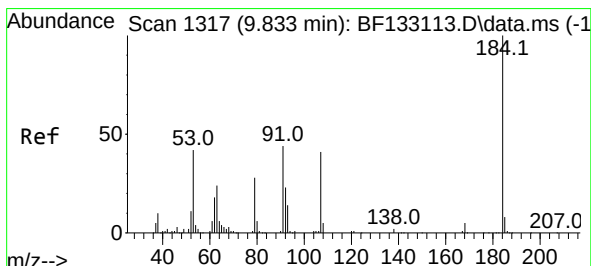
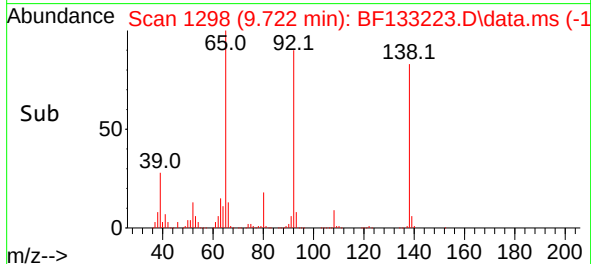
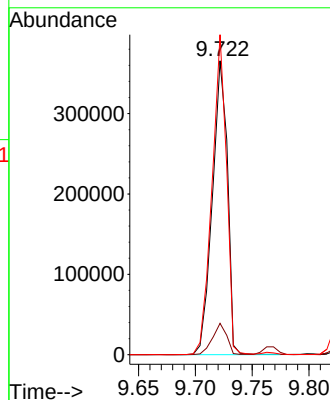
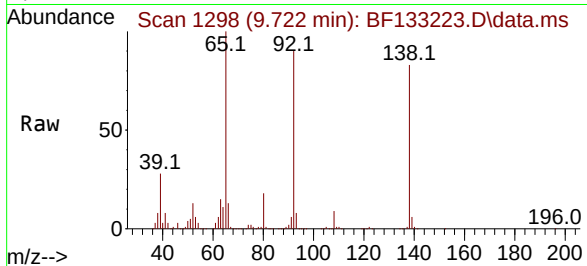




#53
3-Nitroaniline
Concen: 40.312 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

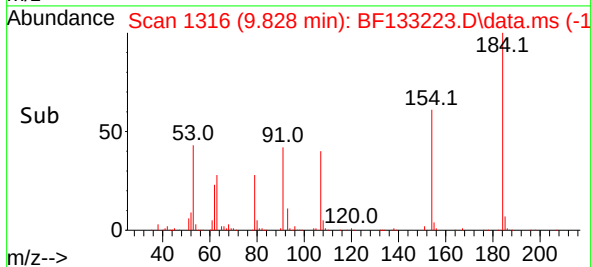
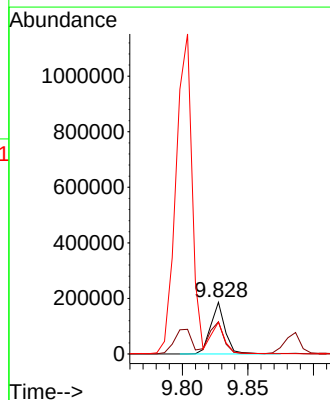
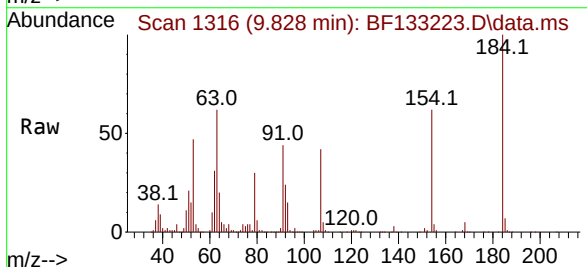
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

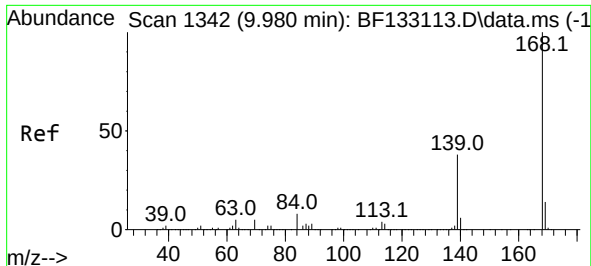
Tgt Ion:138 Resp: 337710
Ion Ratio Lower Upper
138 100
108 10.7 8.0 12.0
92 108.9 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 40.459 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

Tgt Ion:184 Resp: 143286
Ion Ratio Lower Upper
184 100
63 62.2 49.8 74.8
154 61.7 49.5 74.3





#55

Dibenzenofuran

Concen: 37.516 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

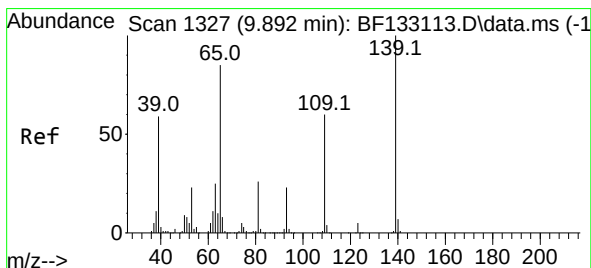
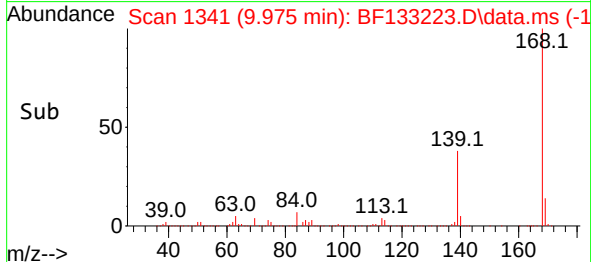
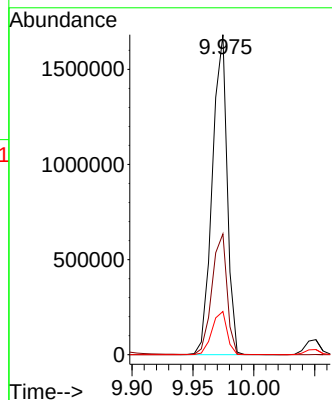
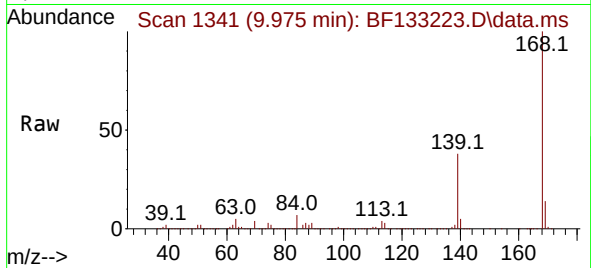
Tgt Ion:168 Resp: 1426974

Ion Ratio Lower Upper

168 100

139 37.8 29.8 44.8

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 36.220 ng

RT: 9.886 min Scan# 1326

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

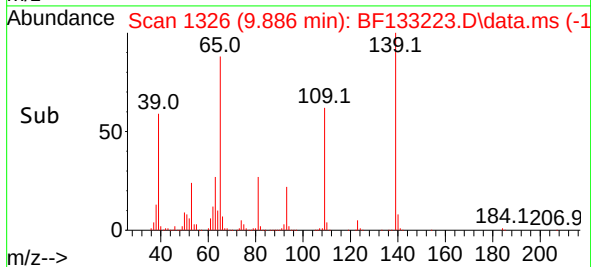
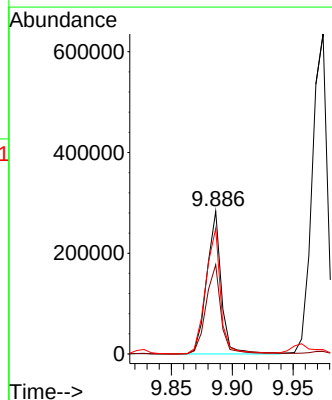
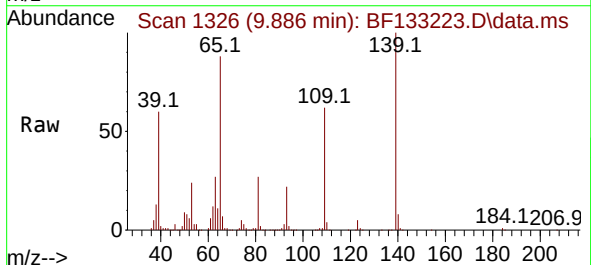
Tgt Ion:139 Resp: 235011

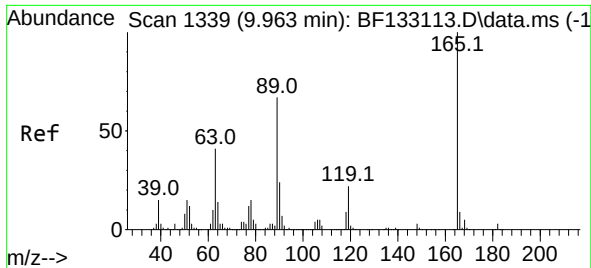
Ion Ratio Lower Upper

139 100

109 62.5 39.4 79.4

65 87.9 57.5 97.5

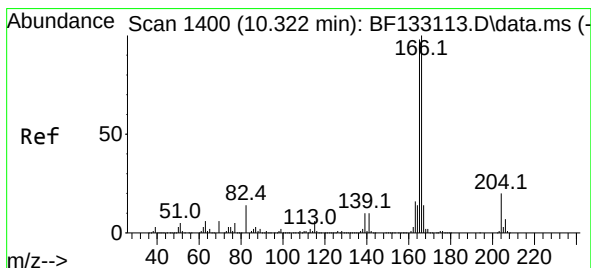
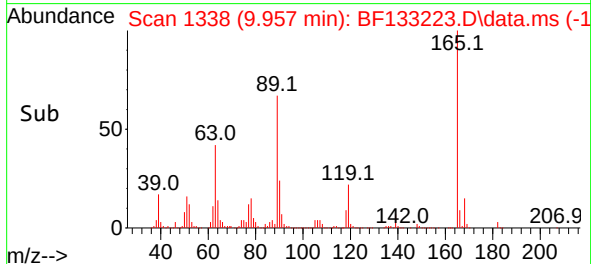
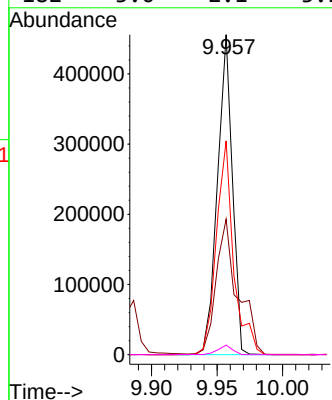
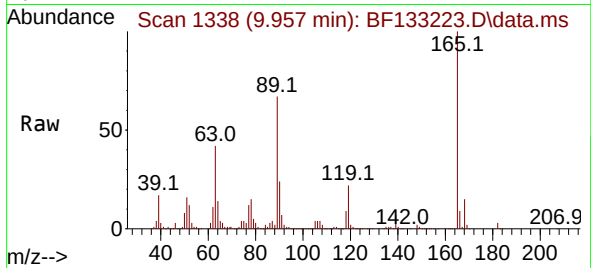




#57
2,4-Dinitrotoluene
Concen: 40.257 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

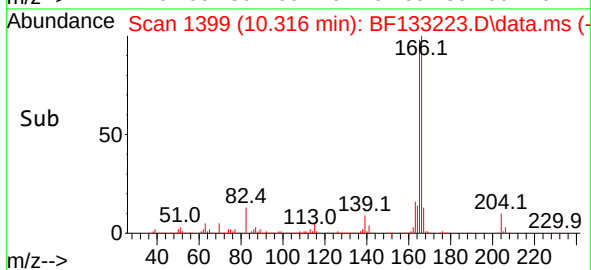
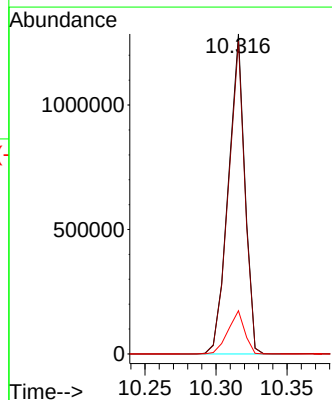
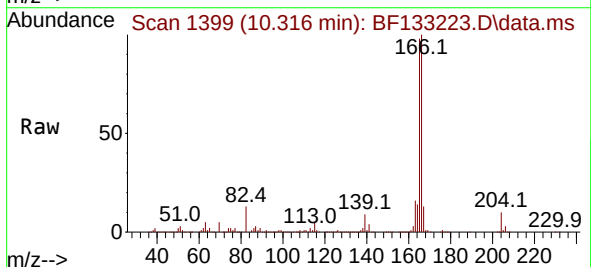
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

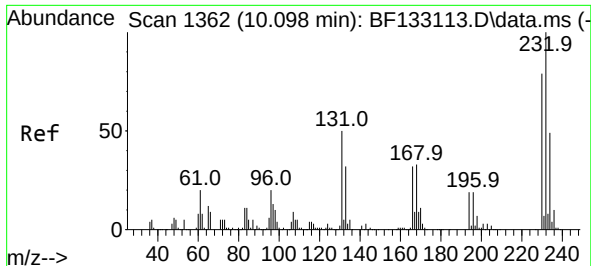
Tgt Ion:165 Resp: 361721
Ion Ratio Lower Upper
165 100
63 42.3 37.7 56.5
89 66.8 57.0 85.4
182 3.0 2.1 3.1



#58
Fluorene
Concen: 37.369 ng
RT: 10.316 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

Tgt Ion:166 Resp: 1041382
Ion Ratio Lower Upper
166 100
165 97.8 78.6 117.8
167 13.5 11.0 16.4

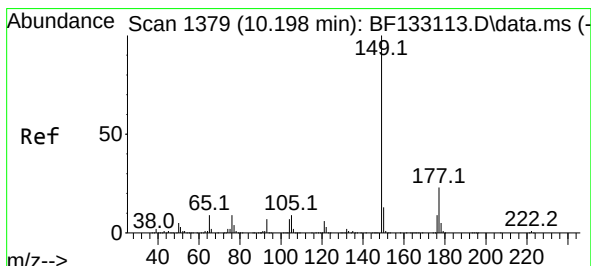
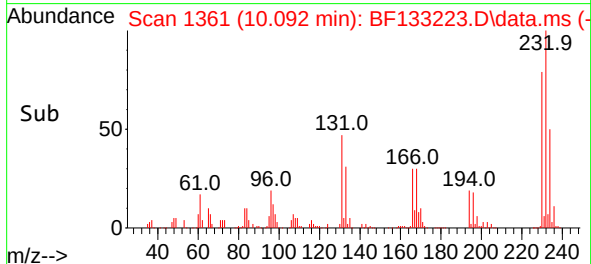
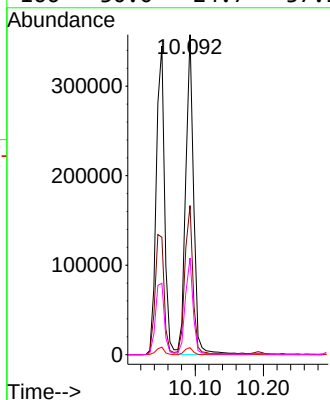
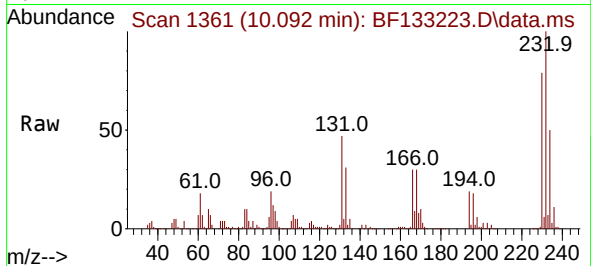




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.045 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

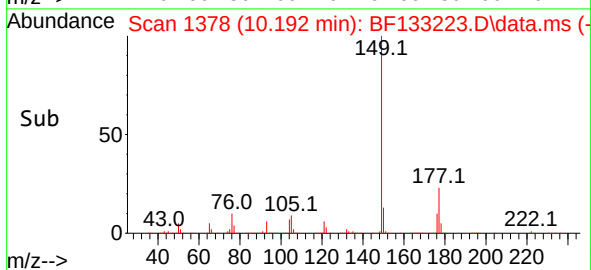
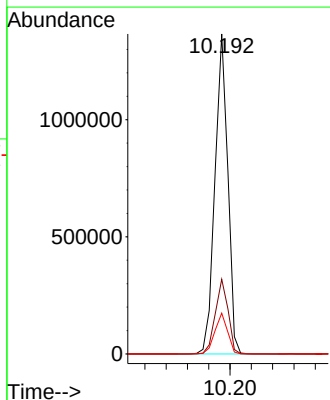
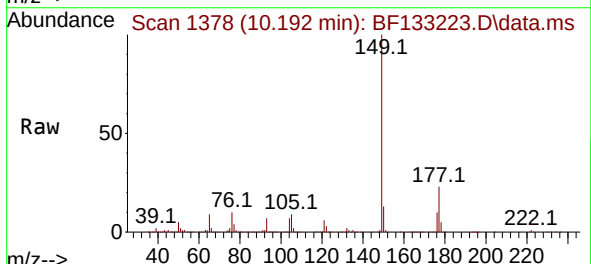
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

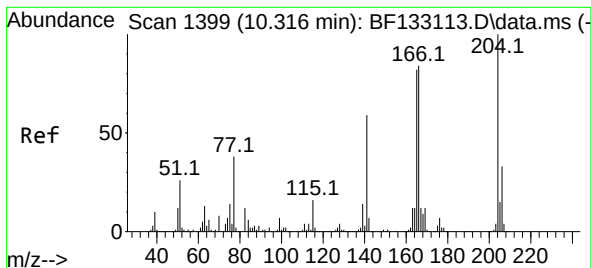
Tgt Ion:232 Resp: 284755
Ion Ratio Lower Upper
232 100
131 48.1 38.0 57.0
130 2.3 1.8 2.8
166 30.0 24.7 37.1



#60
Diethylphthalate
Concen: 38.678 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

Tgt Ion:149 Resp: 1143640
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.4
150 12.7 10.2 15.4

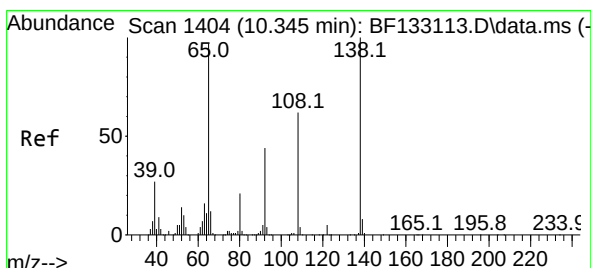
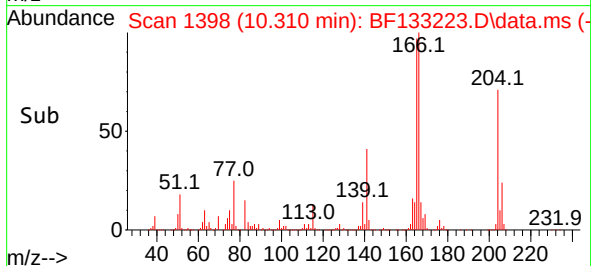
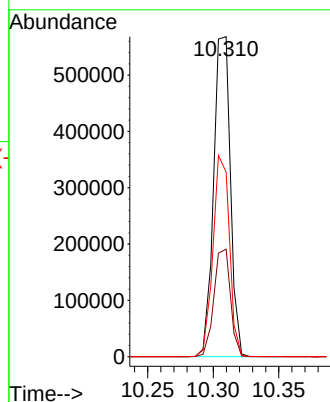
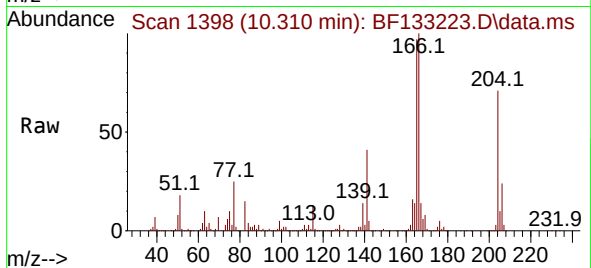




#61
4-Chlorophenyl-phenylether
Concen: 37.360 ng
RT: 10.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

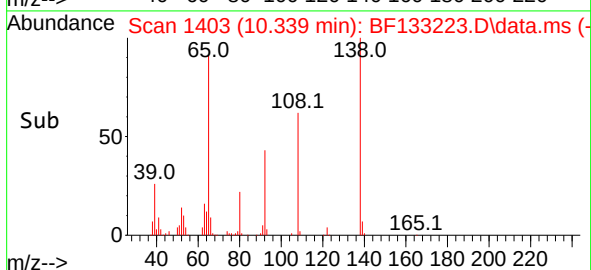
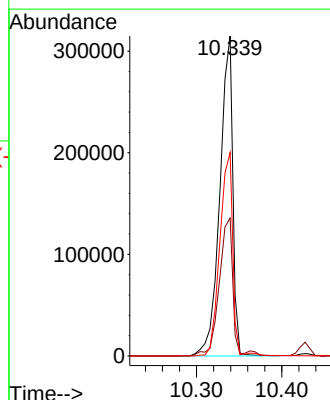
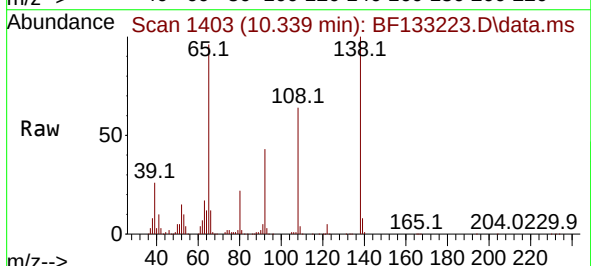
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

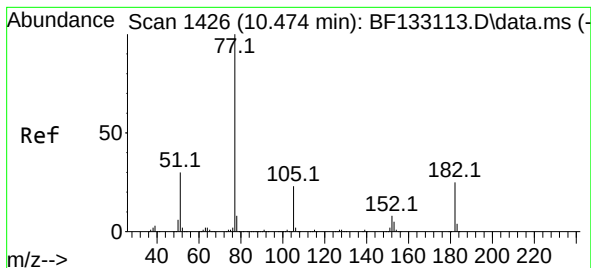
Tgt Ion:204 Resp: 507362
Ion Ratio Lower Upper
204 100
206 33.6 26.1 39.1
141 57.7 46.1 69.1



#62
4-Nitroaniline
Concen: 43.137 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

Tgt Ion:138 Resp: 332141
Ion Ratio Lower Upper
138 100
92 43.1 27.7 67.7
108 63.5 45.2 85.2





#63

Azobenzene

Concen: 36.572 ng

RT: 10.469 min Scan# 1426

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1145552

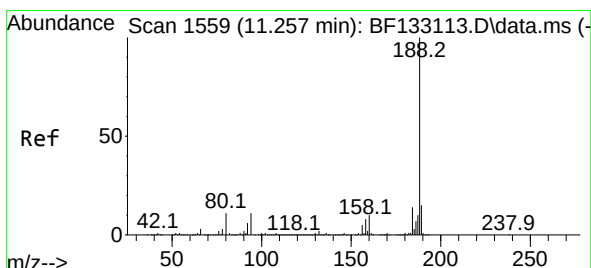
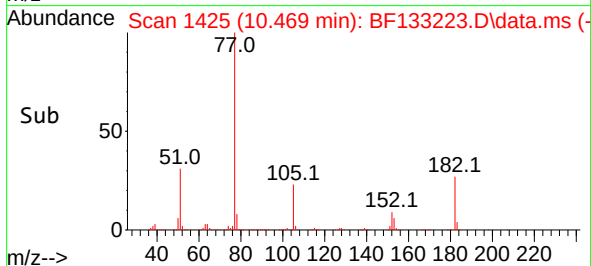
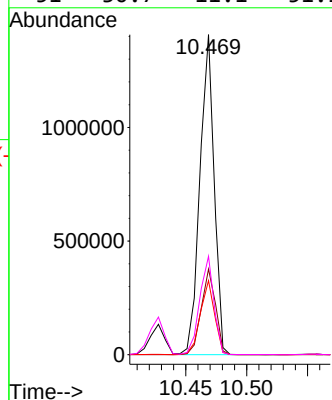
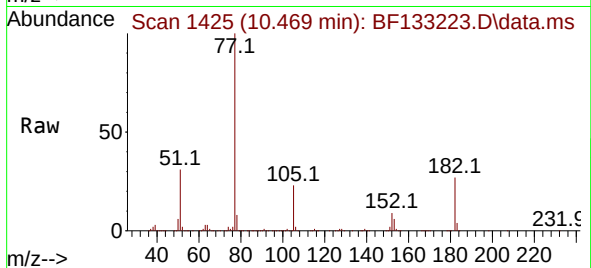
Ion Ratio Lower Upper

77 100

182 26.7 5.9 45.9

105 23.2 2.3 42.3

51 30.7 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1557

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

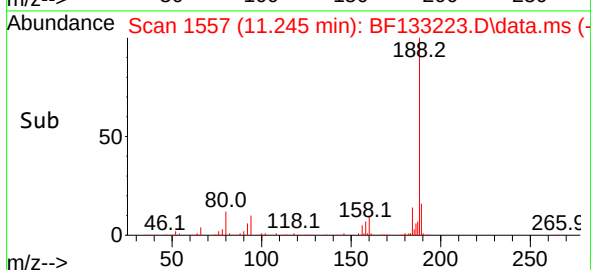
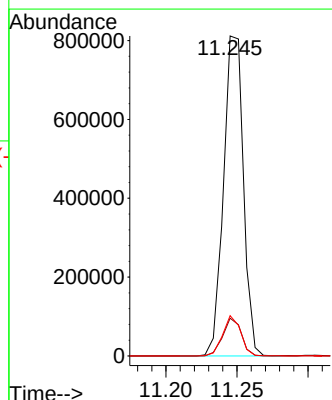
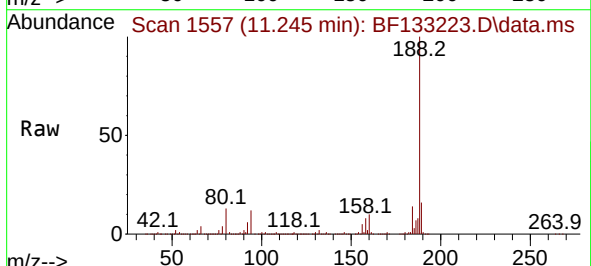
Tgt Ion: 188 Resp: 790814

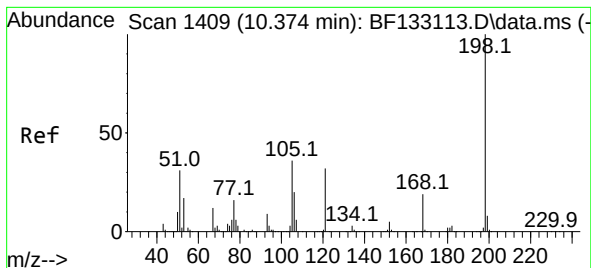
Ion Ratio Lower Upper

188 100

94 11.8 9.7 14.5

80 12.6 10.4 15.6

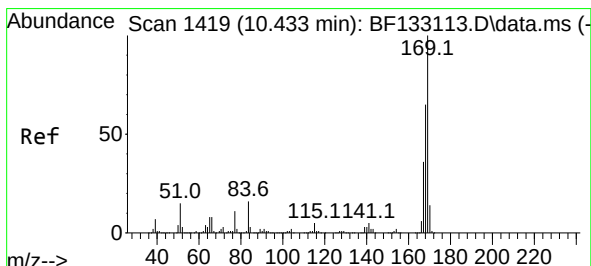
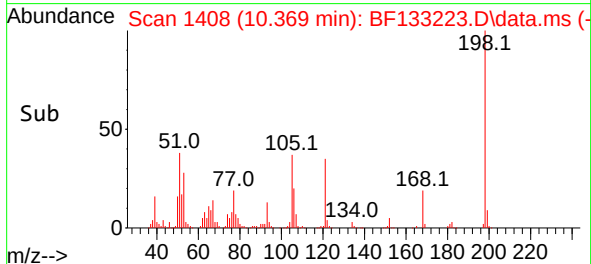
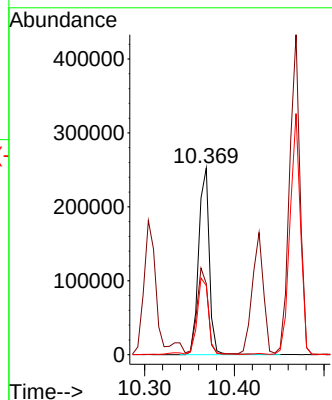
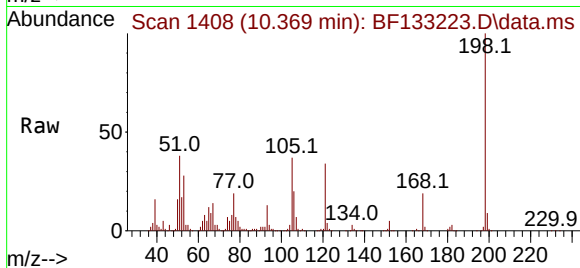




#65
4,6-Dinitro-2-methylphenol
Concen: 43.373 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

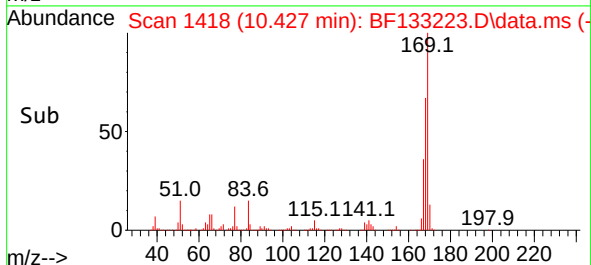
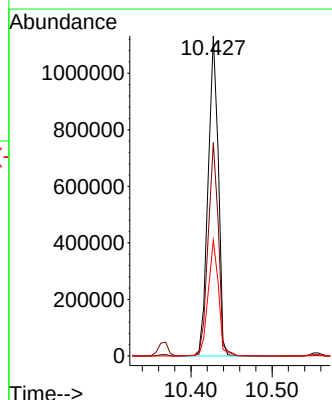
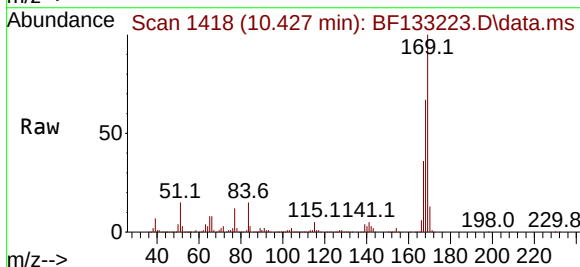
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

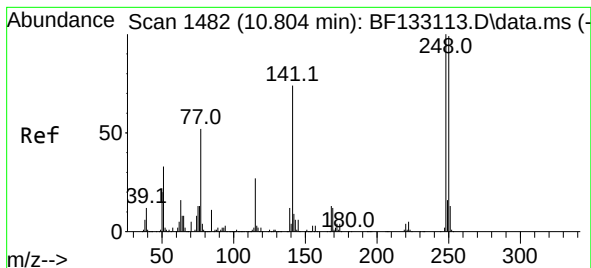
Tgt Ion:198 Resp: 207900
Ion Ratio Lower Upper
198 100
51 38.1 15.5 55.5
105 37.1 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 38.217 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

Tgt Ion:169 Resp: 980344
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.8
167 36.1 29.7 44.5

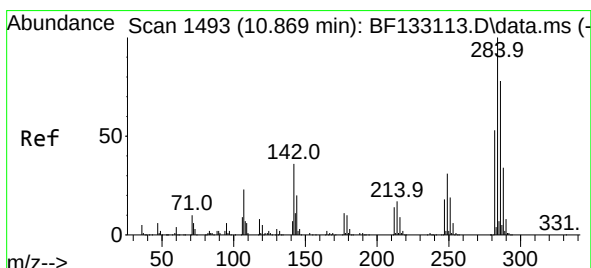
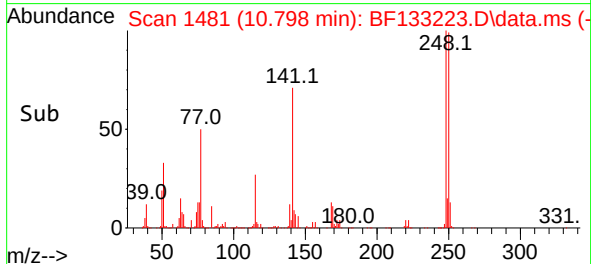
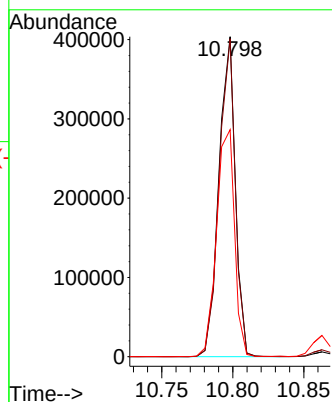
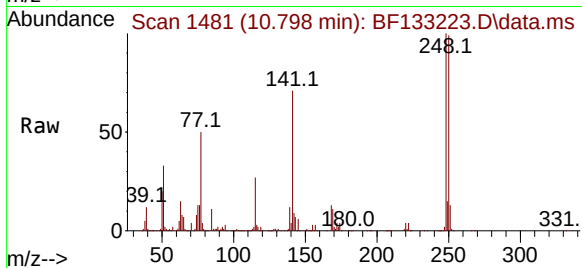




#67
4-Bromophenyl-phenylether
Concen: 37.730 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

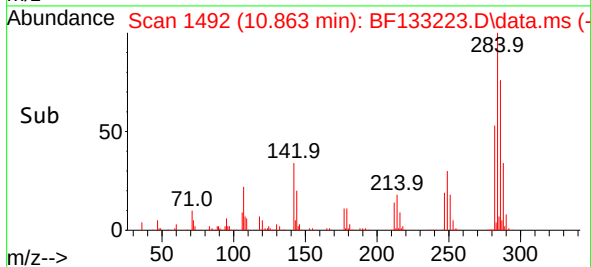
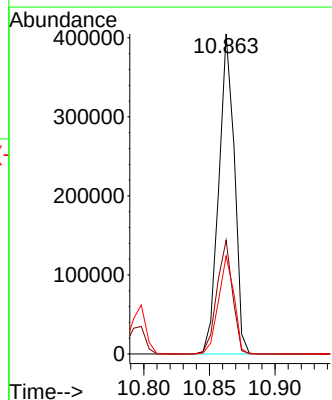
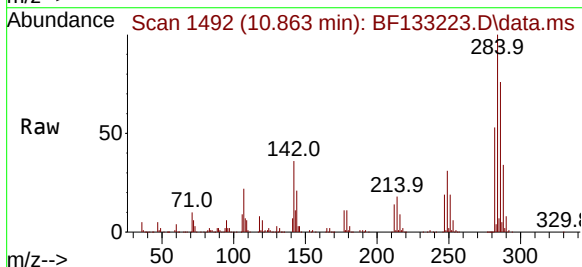
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

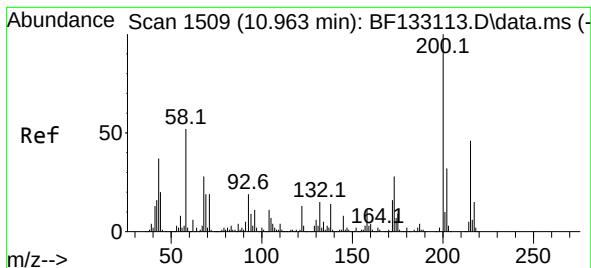
Tgt Ion:248 Resp: 323607
Ion Ratio Lower Upper
248 100
250 99.4 78.7 118.1
141 71.0 56.3 84.5



#68
Hexachlorobenzene
Concen: 37.901 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

Tgt Ion:284 Resp: 333094
Ion Ratio Lower Upper
284 100
142 35.6 26.0 39.0
249 30.6 23.7 35.5





#69

Atrazine

Concen: 39.463 ng

RT: 10.957 min Scan# 1508

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

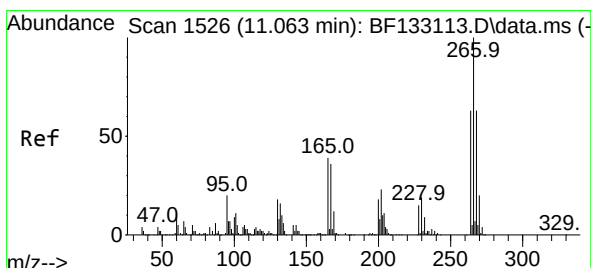
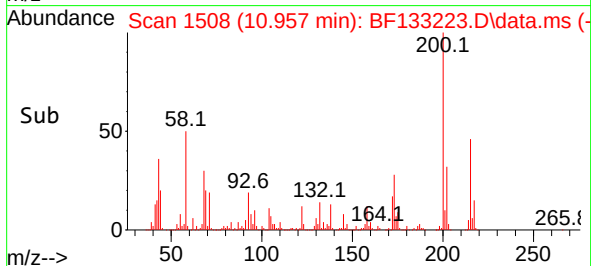
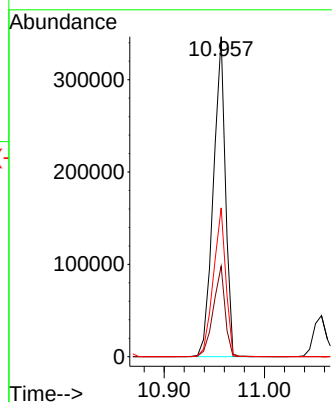
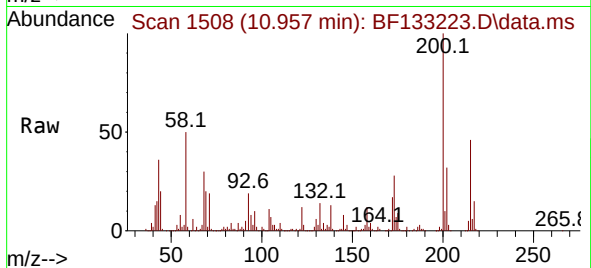
Tgt Ion:200 Resp: 291686

Ion Ratio Lower Upper

200 100

173 28.3 6.2 46.2

215 46.5 26.3 66.3



#70

Pentachlorophenol

Concen: 36.580 ng

RT: 11.057 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

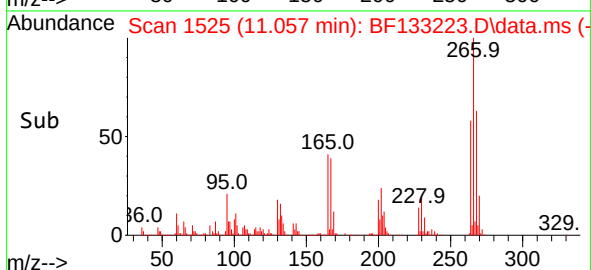
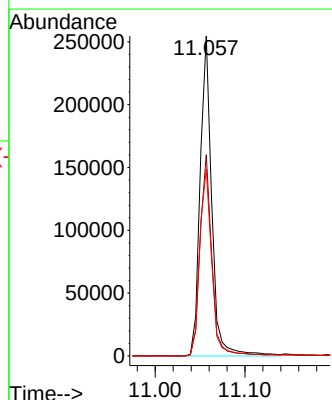
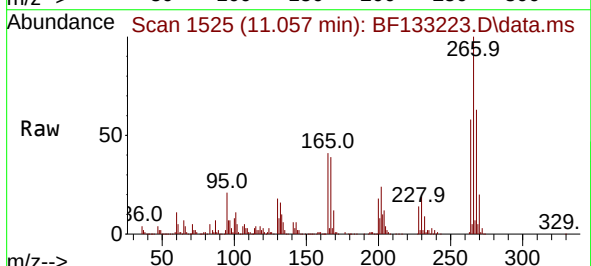
Tgt Ion:266 Resp: 228962

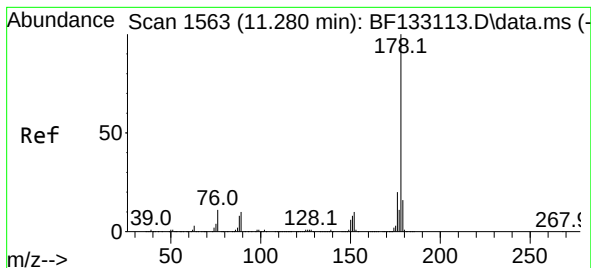
Ion Ratio Lower Upper

266 100

268 62.9 48.8 73.2

264 58.4 50.6 76.0





#71

Phenanthrene

Concen: 37.012 ng

RT: 11.274 min Scan# 1562

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

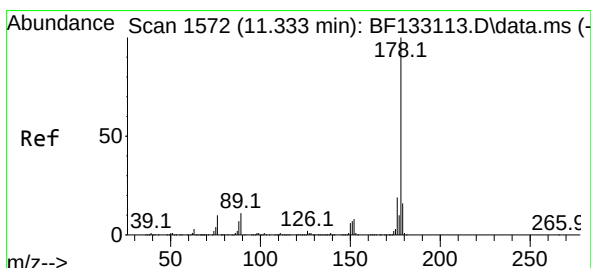
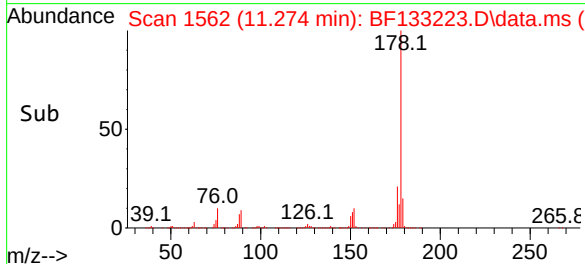
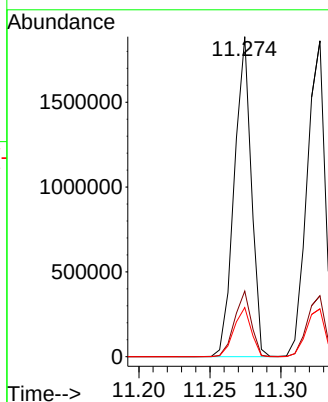
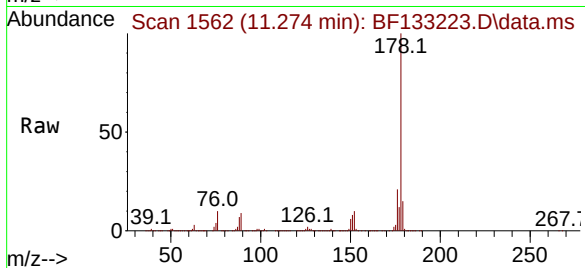
Tgt Ion:178 Resp: 1573153

Ion Ratio Lower Upper

178 100

176 20.5 15.9 23.9

179 15.4 12.5 18.7



#72

Anthracene

Concen: 37.902 ng

RT: 11.327 min Scan# 1571

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

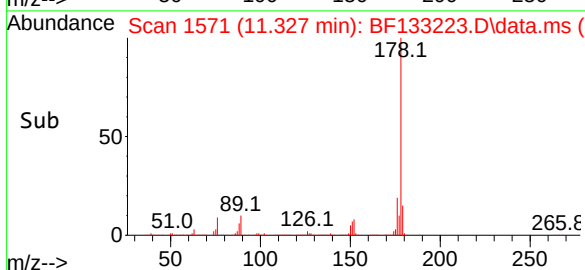
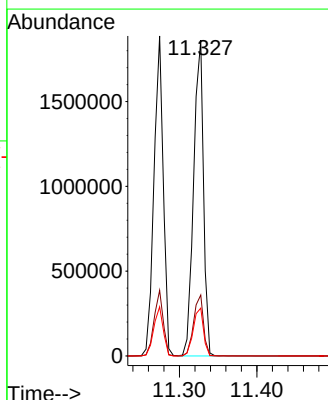
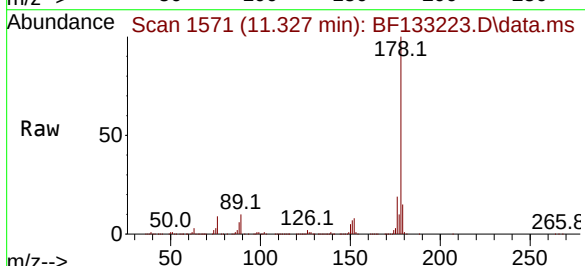
Tgt Ion:178 Resp: 1648650

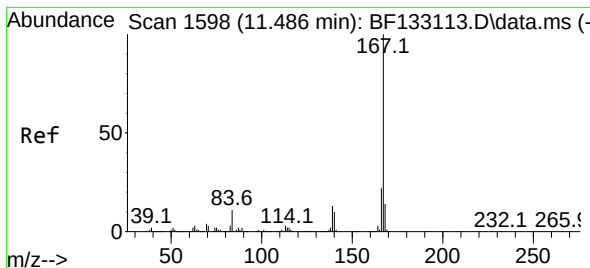
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.1 12.4 18.6





#73

Carbazole

Concen: 37.558 ng

RT: 11.480 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

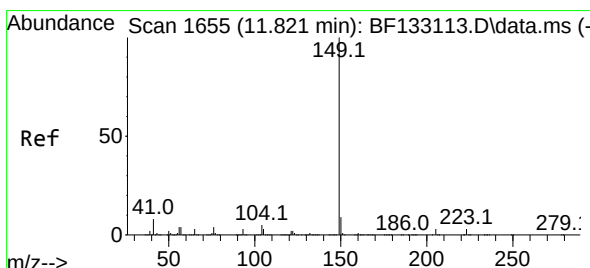
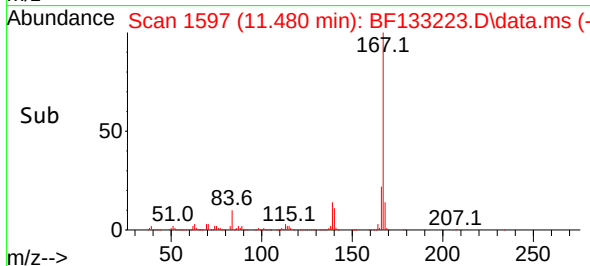
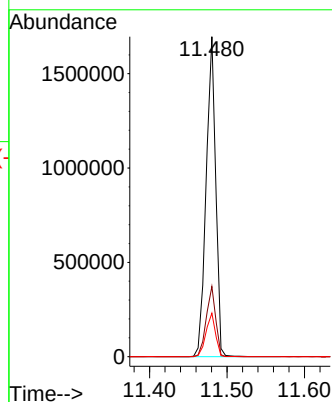
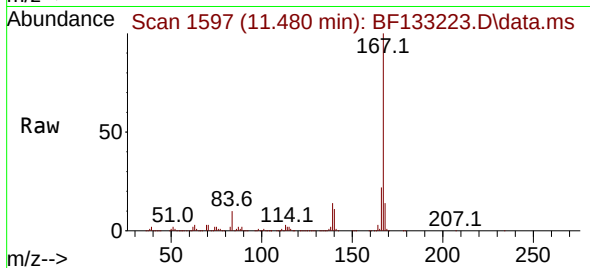
Tgt Ion:167 Resp: 1454701

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

139 13.6 10.6 16.0



#74

Di-n-butylphthalate

Concen: 40.245 ng

RT: 11.816 min Scan# 1654

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

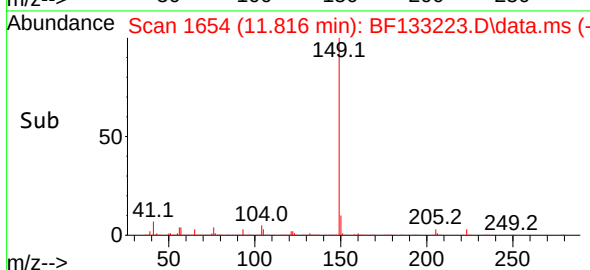
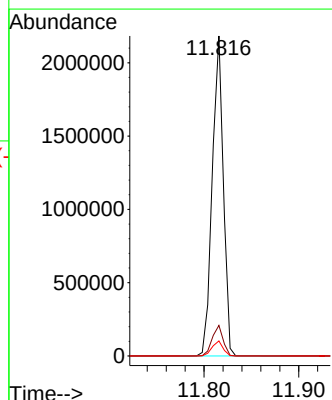
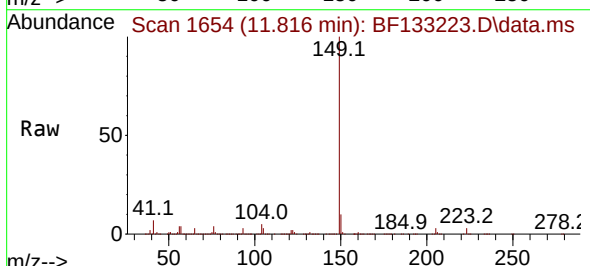
Tgt Ion:149 Resp: 1763980

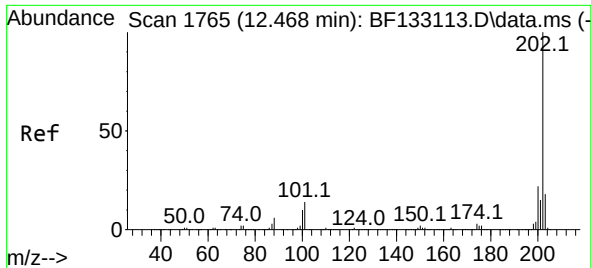
Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 4.7 4.0 6.0

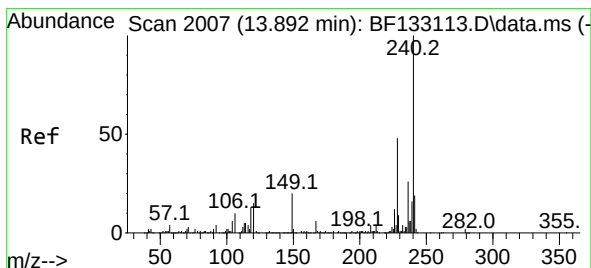
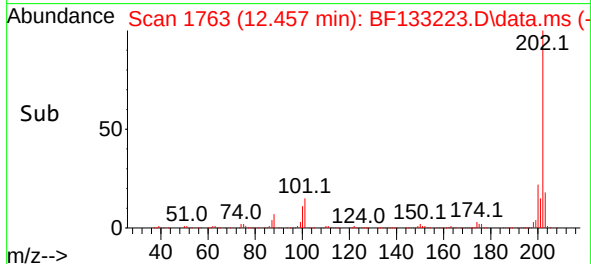
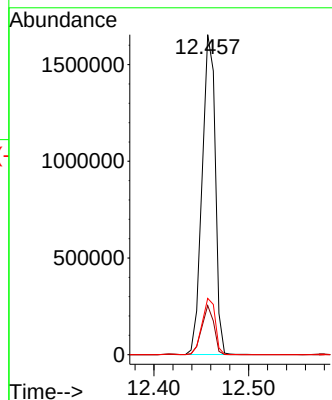
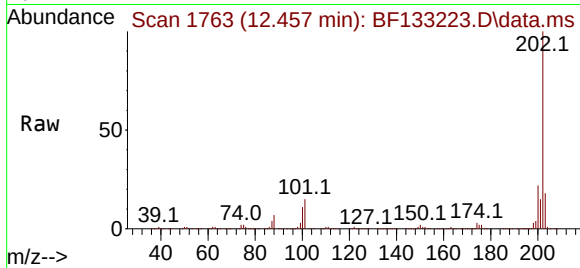




#75
Fluoranthene
Concen: 37.365 ng
RT: 12.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

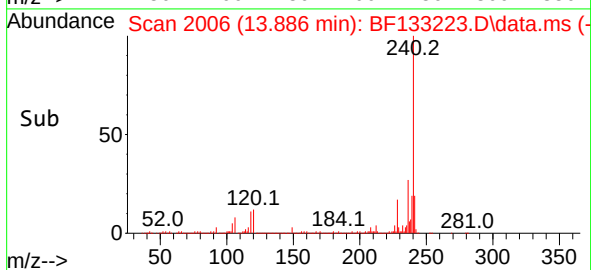
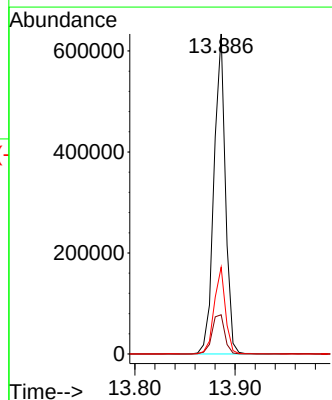
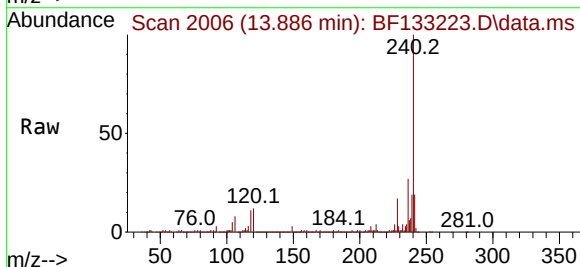
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

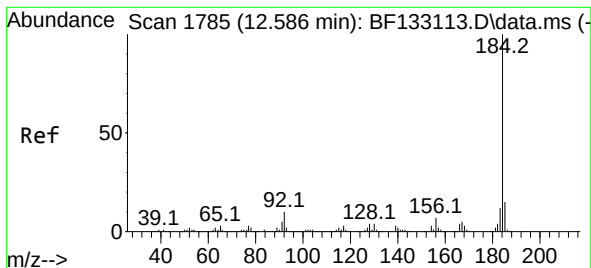
Tgt Ion:202 Resp: 1593881
Ion Ratio Lower Upper
202 100
101 15.4 0.0 35.3
203 17.6 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

Tgt Ion:240 Resp: 502862
Ion Ratio Lower Upper
240 100
120 12.2 10.5 15.7
236 27.1 21.5 32.3





#77

Benzidine

Concen: 48.841 ng

RT: 12.580 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

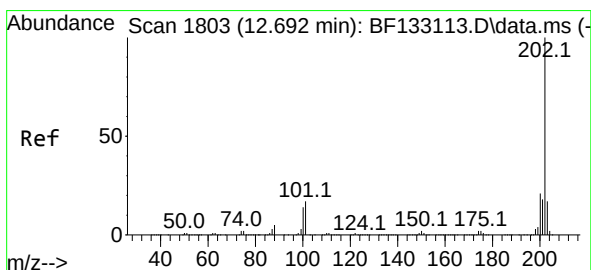
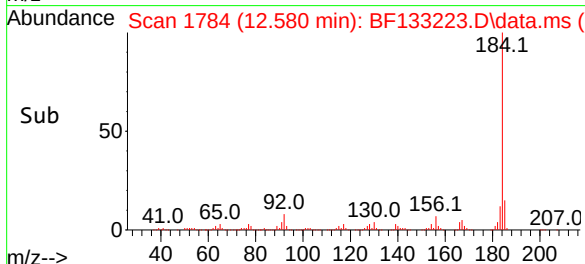
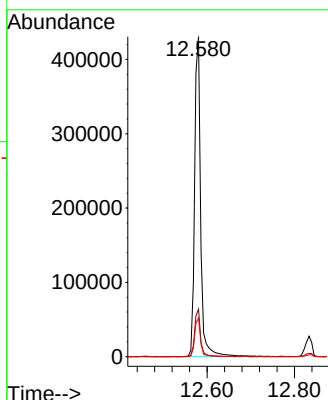
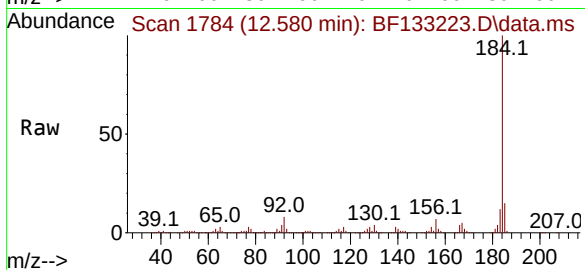
Tgt Ion:184 Resp: 415329

Ion Ratio Lower Upper

184 100

185 14.8 15.4 23.2#

183 12.0 9.4 14.0



#78

Pyrene

Concen: 37.956 ng

RT: 12.686 min Scan# 1802

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

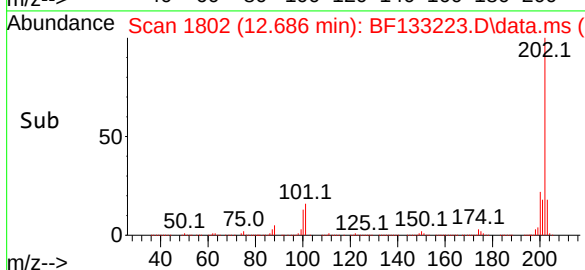
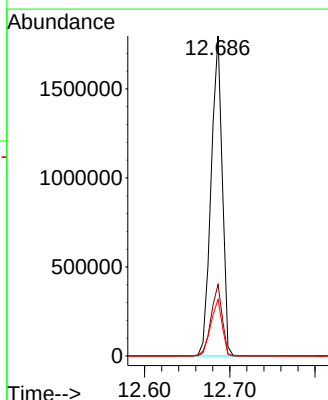
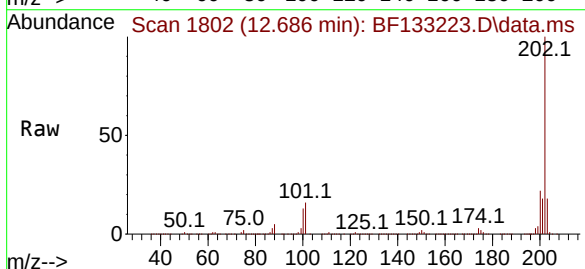
Tgt Ion:202 Resp: 1636182

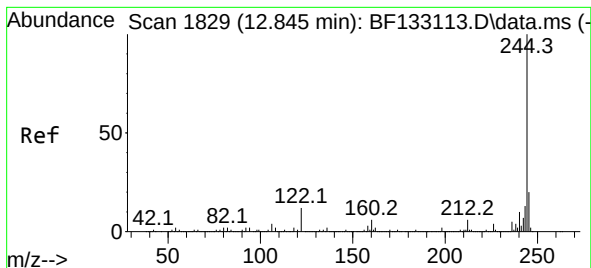
Ion Ratio Lower Upper

202 100

200 22.4 17.1 25.7

203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 72.865 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

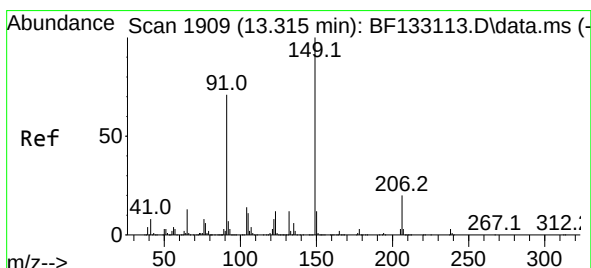
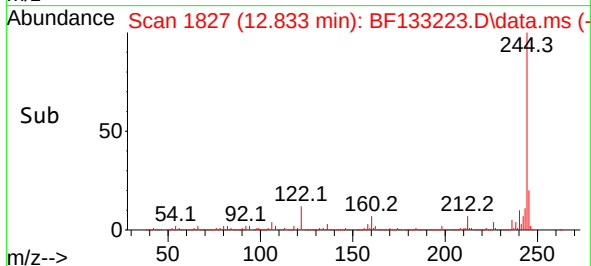
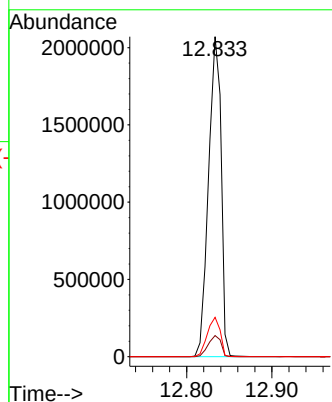
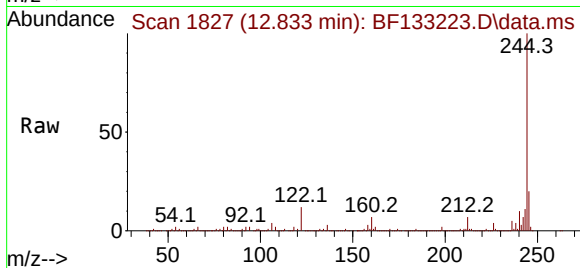
Tgt Ion:244 Resp: 2124536

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 12.3 8.6 13.0



#80

Butylbenzylphthalate

Concen: 46.165 ng

RT: 13.310 min Scan# 1908

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

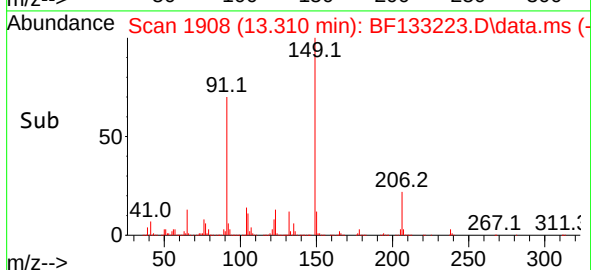
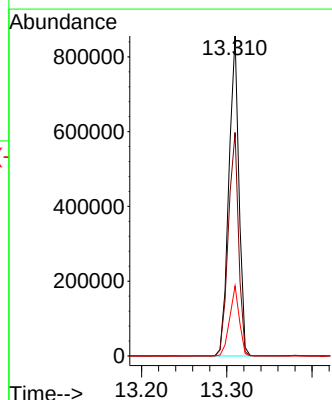
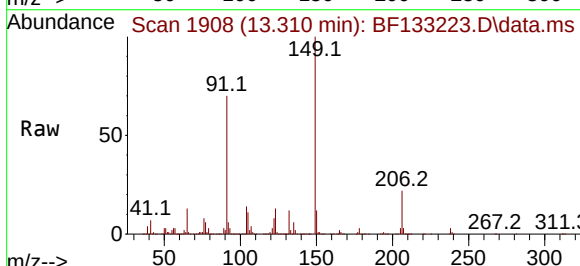
Tgt Ion:149 Resp: 704615

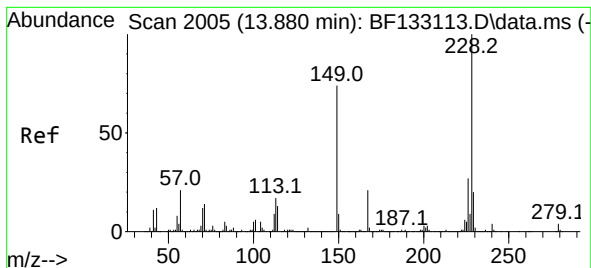
Ion Ratio Lower Upper

149 100

91 69.9 53.8 80.6

206 21.9 17.5 26.3





#81

Benzo(a)anthracene

Concen: 36.570 ng

RT: 13.874 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

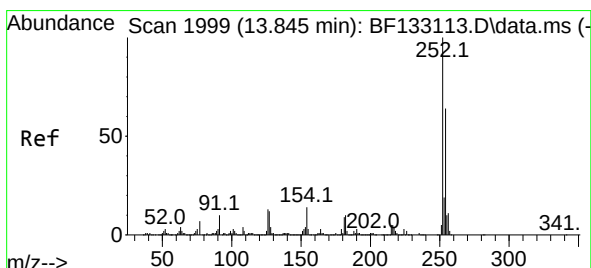
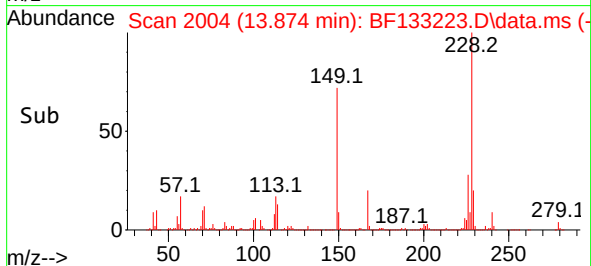
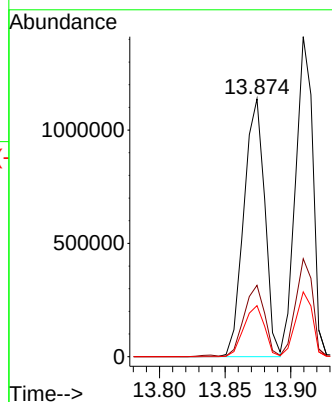
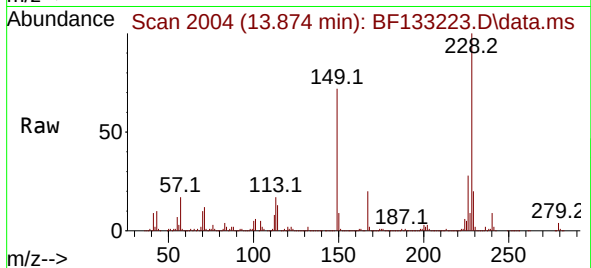
Tgt Ion:228 Resp: 1264610

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.4

229 19.8 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 41.969 ng

RT: 13.839 min Scan# 1998

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

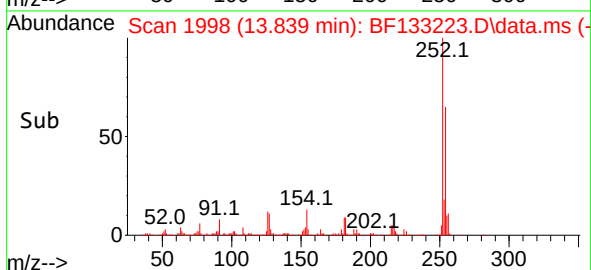
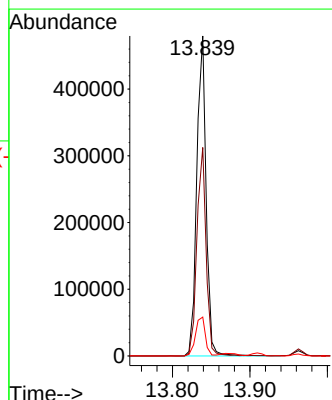
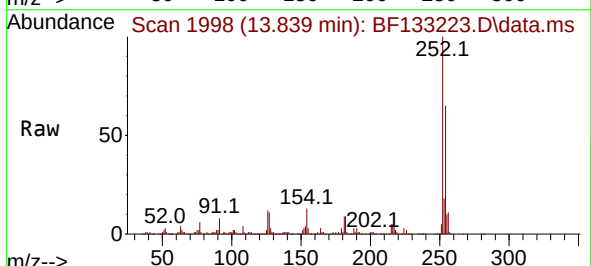
Tgt Ion:252 Resp: 400926

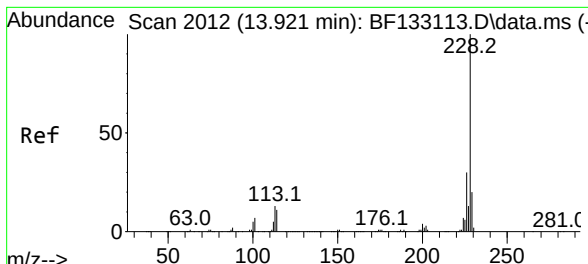
Ion Ratio Lower Upper

252 100

254 65.2 51.5 77.3

126 12.1 9.5 14.3

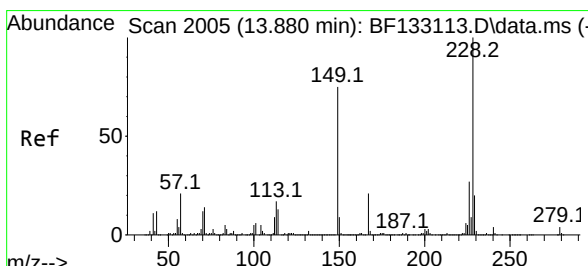
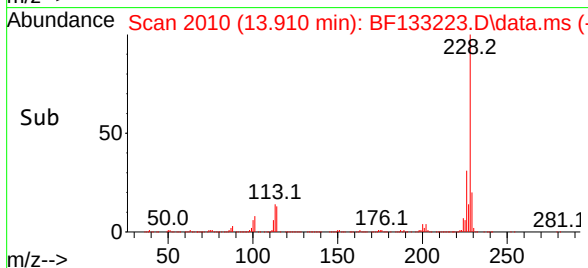
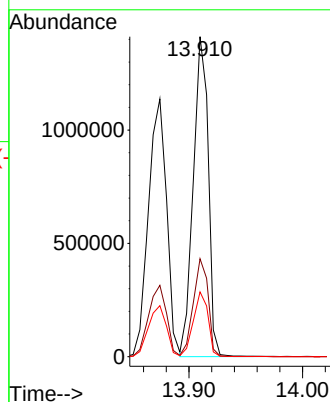
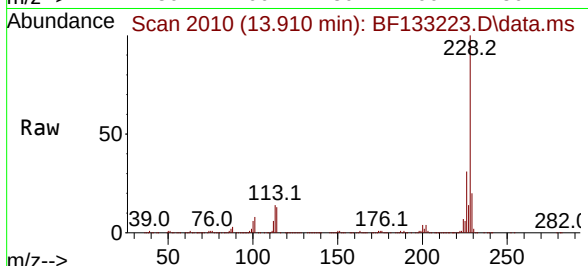




#83
 Chrysene
 Concen: 37.518 ng
 RT: 13.910 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: BF133223.D
 Acq: 04 May 2023 10:37

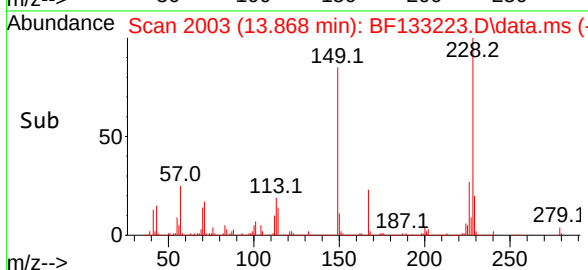
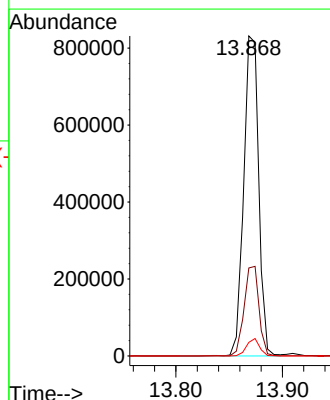
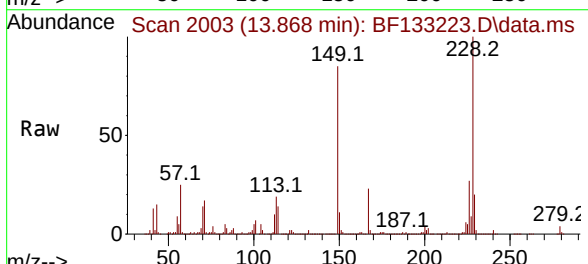
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

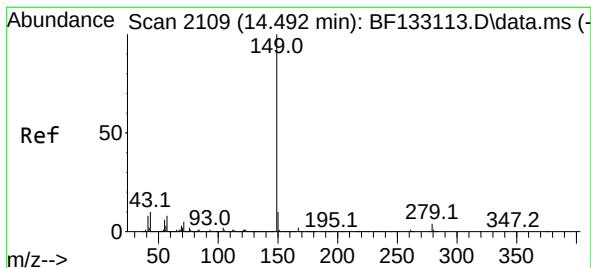
Tgt Ion:228 Resp: 1297071
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.7 37.1
 229 20.2 16.1 24.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.545 ng
 RT: 13.868 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: BF133223.D
 Acq: 04 May 2023 10:37

Tgt Ion:149 Resp: 815071
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.5 33.7
 279 4.3 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 44.183 ng

RT: 14.480 min Scan# 2109

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

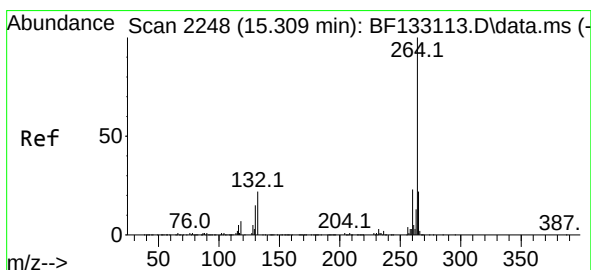
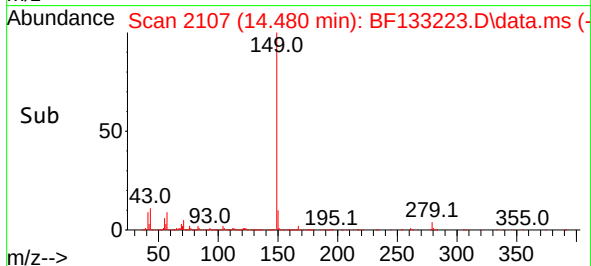
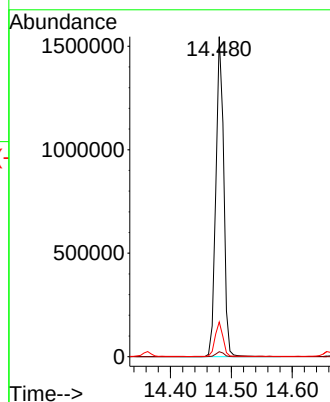
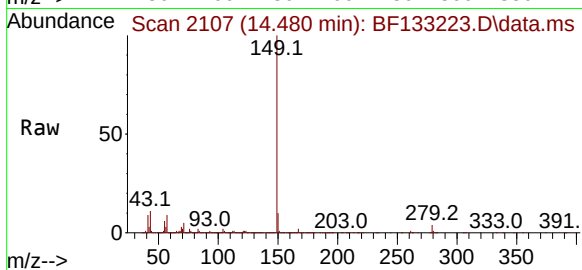
Tgt Ion:149 Resp: 1380202

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.0 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

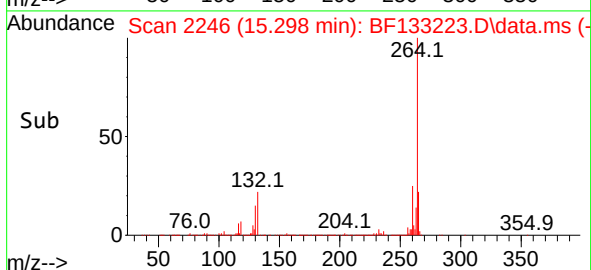
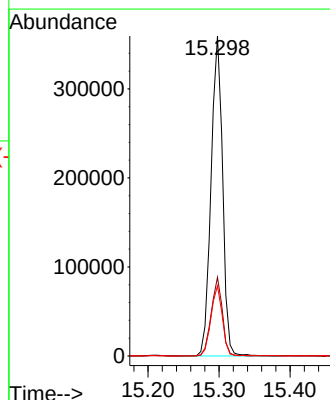
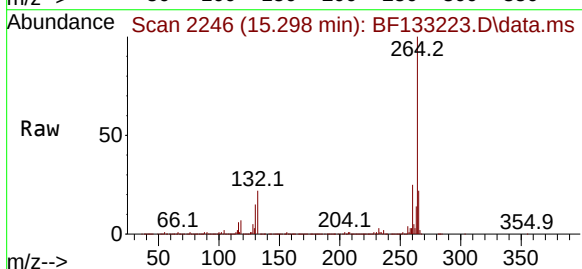
Tgt Ion:264 Resp: 406563

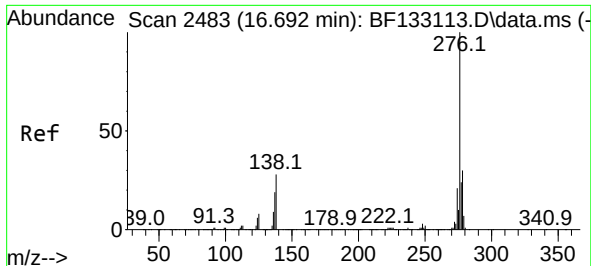
Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

265 21.9 17.0 25.4

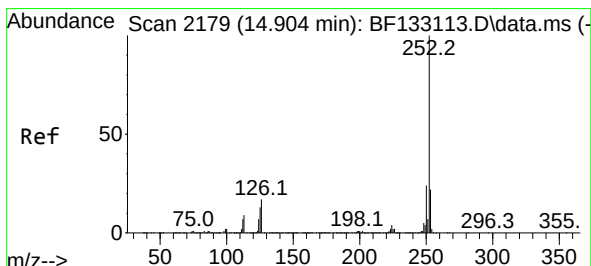
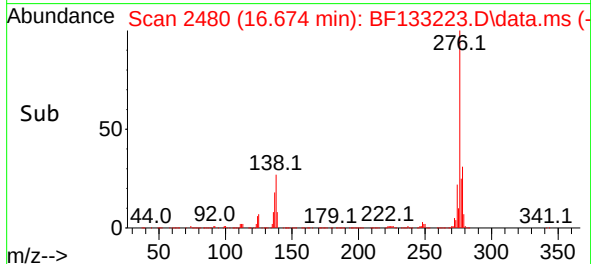
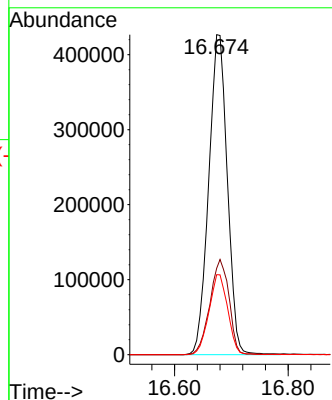
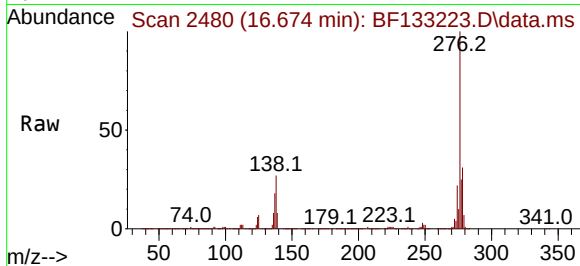




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.866 ng
 RT: 16.674 min Scan# 2483
 Delta R.T. 0.000 min
 Lab File: BF133223.D
 Acq: 04 May 2023 10:37

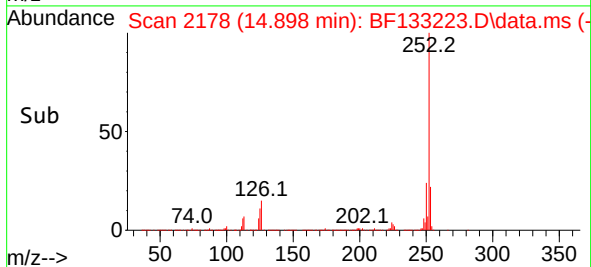
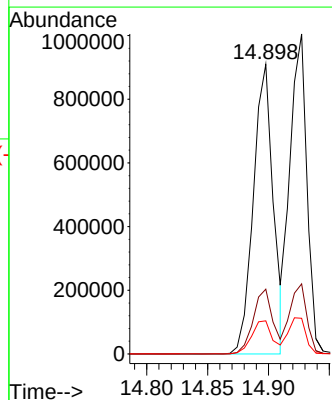
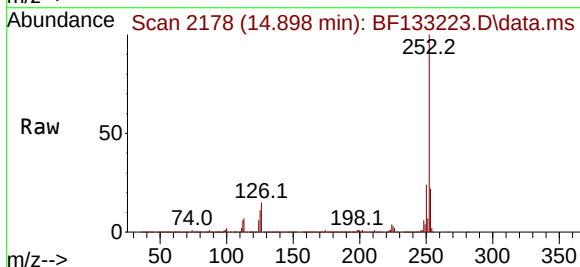
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

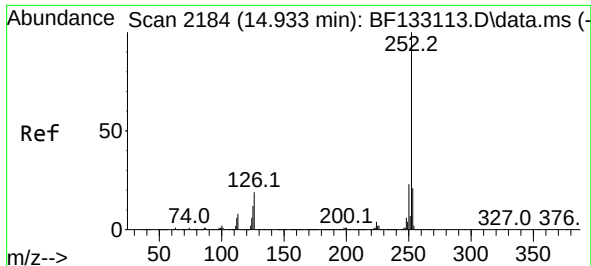
Tgt Ion:276 Resp: 968199
 Ion Ratio Lower Upper
 276 100
 138 30.6 25.5 38.3
 277 25.2 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 39.901 ng
 RT: 14.898 min Scan# 2178
 Delta R.T. 0.000 min
 Lab File: BF133223.D
 Acq: 04 May 2023 10:37

Tgt Ion:252 Resp: 1032042
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.6 26.4
 125 11.4 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 38.246 ng

RT: 14.927 min Scan# 2183

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

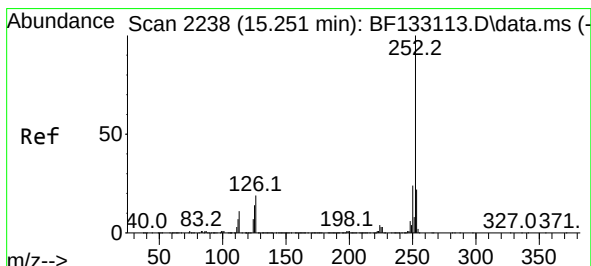
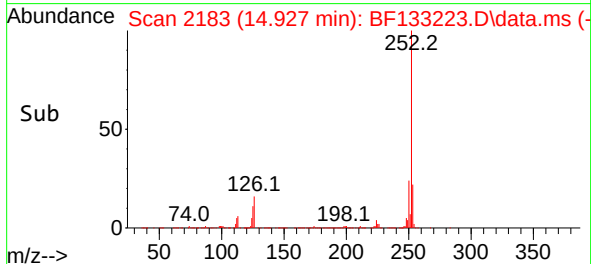
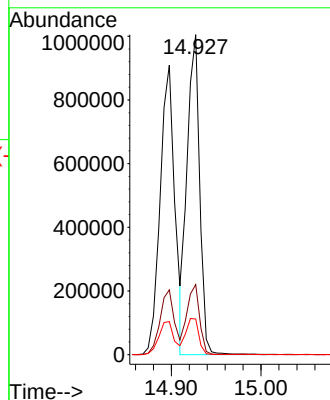
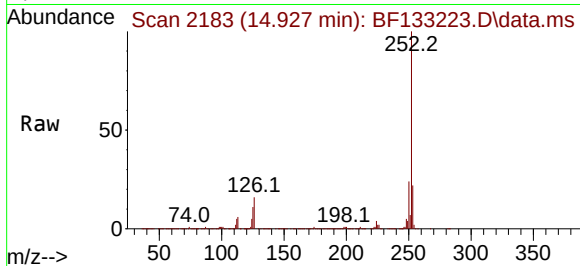
Tgt Ion:252 Resp: 980625

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 11.2 9.0 13.4



#90

Benzo(a)pyrene

Concen: 38.500 ng

RT: 15.239 min Scan# 2236

Delta R.T. 0.000 min

Lab File: BF133223.D

Acq: 04 May 2023 10:37

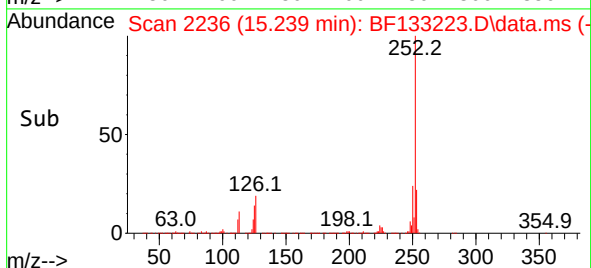
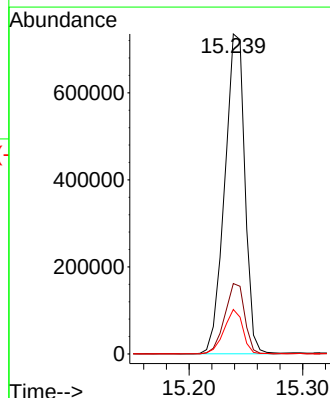
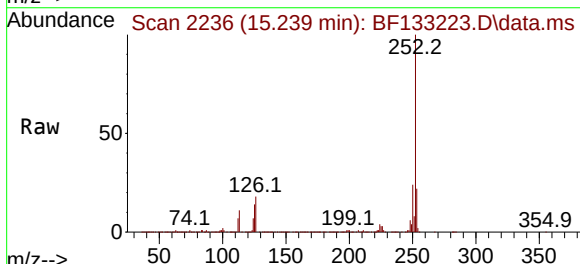
Tgt Ion:252 Resp: 906398

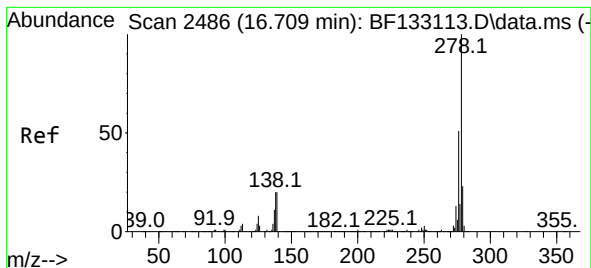
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 13.9 10.5 15.7

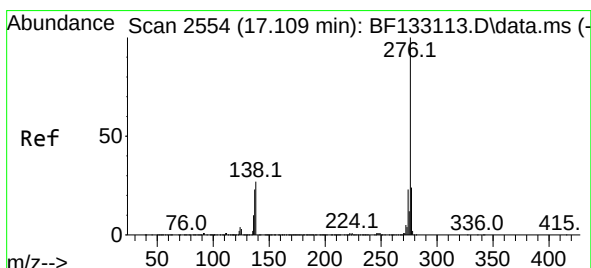
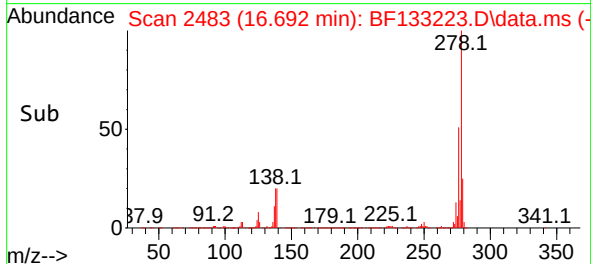
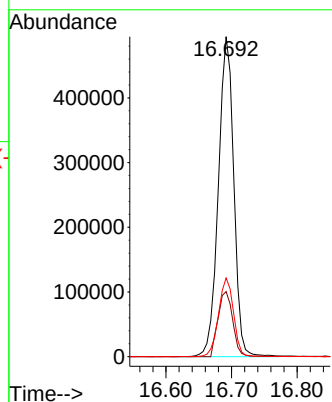
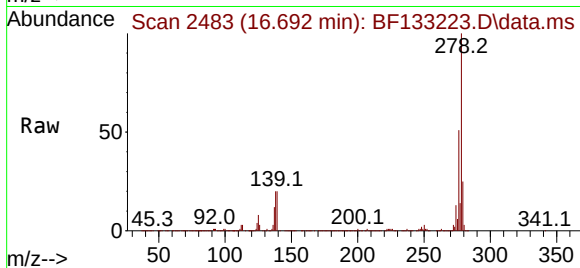




#91
Dibenzo(a,h)anthracene
Concen: 41.776 ng
RT: 16.692 min Scan# 2486
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 805783
Ion Ratio Lower Upper
278 100
139 20.4 16.6 24.8
279 24.6 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 43.327 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.000 min
Lab File: BF133223.D
Acq: 04 May 2023 10:37

Tgt Ion:276 Resp: 825055
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.0
138 25.6 22.7 34.1

