

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133066.D
 Acq On : 26 Apr 2023 15:54
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 27 01:56:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:56:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	203066	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	788518	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	400899	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	718901	20.000	ng	0.00
76) Chrysene-d12	13.892	240	489064	20.000	ng	0.00
86) Perylene-d12	15.304	264	414568	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	1018531	75.769	ng	0.00
7) Phenol-d6	6.381	99	1235991	74.077	ng	0.00
23) Nitrobenzene-d5	7.304	82	1058286	72.443	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	320706	79.544	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1837652	76.687	ng	0.00
79) Terphenyl-d14	12.839	244	2058201	72.582	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.387	88	230715	37.002	ng	98
3) Pyridine	3.081	79	623853	37.671	ng	99
4) n-Nitrosodimethylamine	3.040	42	290813	33.903	ng	93
6) Aniline	6.404	93	801354	37.290	ng	98
8) 2-Chlorophenol	6.522	128	506573	37.115	ng	99
9) Benzaldehyde	6.281	77	316109	41.674	ng	100
10) Phenol	6.392	94	656864	35.686	ng	87
11) bis(2-Chloroethyl)ether	6.475	93	499896	36.191	ng	99
12) 1,3-Dichlorobenzene	6.681	146	537533	37.043	ng	97
13) 1,4-Dichlorobenzene	6.757	146	535605	36.828	ng	98
14) 1,2-Dichlorobenzene	6.910	146	503430	37.547	ng	98
15) Benzyl Alcohol	6.881	79	412073	35.753	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.022	45	809640	33.748	ng	97
17) 2-Methylphenol	6.998	107	468434	37.481	ng	98
18) Hexachloroethane	7.251	117	186224	36.831	ng	96
19) n-Nitroso-di-n-propyla...	7.157	70	342055	32.930	ng	98
20) 3+4-Methylphenols	7.151	107	537598	36.526	ng	# 89
22) Acetophenone	7.151	105	662573	36.274	ng	99
24) Nitrobenzene	7.322	77	532383	35.964	ng	98
25) Isophorone	7.563	82	976287	35.199	ng	99
26) 2-Nitrophenol	7.639	139	284797	39.888	ng	93
27) 2,4-Dimethylphenol	7.681	122	459104	37.499	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	589769	35.943	ng	100
29) 2,4-Dichlorophenol	7.880	162	432051	38.765	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	441474	38.234	ng	100
31) Naphthalene	8.045	128	1471678	37.330	ng	99
32) Benzoic acid	7.798	122	221717	29.318	ng	98
33) 4-Chloroaniline	8.092	127	638733	40.100	ng	99
34) Hexachlorobutadiene	8.163	225	241183	37.687	ng	98
35) Caprolactam	8.469	113	152468	40.722	ng	# 85
36) 4-Chloro-3-methylphenol	8.575	107	459904	38.265	ng	99
37) 2-Methylnaphthalene	8.733	142	1005700	37.313	ng	99
38) 1-Methylnaphthalene	8.833	142	929767	36.875	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	399078	37.024	ng	99
41) Hexachlorocyclopentadiene	8.892	237	238196	37.891	ng	98
43) 2,4,6-Trichlorophenol	9.010	196	282475	37.893	ng	99

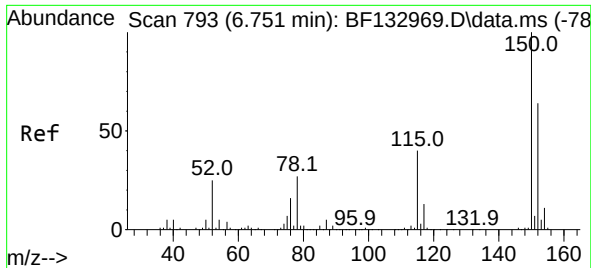
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	333853	38.724	ng	98
46) 1,1'-Biphenyl	9.198	154	1174274	36.939	ng	99
47) 2-Chloronaphthalene	9.222	162	863482	37.111	ng	99
48) 2-Nitroaniline	9.316	65	290845	37.822	ng	97
49) Acenaphthylene	9.633	152	1406806	37.839	ng	100
50) Dimethylphthalate	9.504	163	1055827	37.770	ng	98
51) 2,6-Dinitrotoluene	9.557	165	245573	39.031	ng	97
52) Acenaphthene	9.810	154	945244	37.961	ng	99
53) 3-Nitroaniline	9.727	138	295816	39.542	ng	99
54) 2,4-Dinitrophenol	9.827	184	139065	43.973	ng	96
55) Dibenzofuran	9.980	168	1269431	37.373	ng	99
56) 4-Nitrophenol	9.886	139	230484	39.779	ng	95
57) 2,4-Dinitrotoluene	9.963	165	332052	41.384	ng #	83
58) Fluorene	10.322	166	937323	37.666	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	260129	38.920	ng	97
60) Diethylphthalate	10.198	149	1003181	37.993	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	453920	37.430	ng	98
62) 4-Nitroaniline	10.339	138	300822	43.751	ng	99
63) Azobenzene	10.474	77	1002147	35.828	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	190660	43.755	ng	89
66) n-Nitrosodiphenylamine	10.433	169	862845	37.001	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	291460	37.382	ng	98
68) Hexachlorobenzene	10.869	284	301593	37.749	ng	100
69) Atrazine	10.963	200	264009	39.291	ng	99
70) Pentachlorophenol	11.063	266	221129	38.863	ng	97
71) Phenanthrene	11.280	178	1420901	36.774	ng	100
72) Anthracene	11.333	178	1473647	37.267	ng	99
73) Carbazole	11.486	167	1341011	38.086	ng	100
74) Di-n-butylphthalate	11.821	149	1583806	39.749	ng	99
75) Fluoranthene	12.463	202	1497632	38.620	ng	100
77) Benzidine	12.586	184	444903	53.795	ng #	93
78) Pyrene	12.692	202	1545820	36.872	ng	100
80) Butylbenzylphthalate	13.315	149	644129	43.393	ng	94
81) Benzo(a)anthracene	13.880	228	1223727	36.386	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	400475	43.105	ng	99
83) Chrysene	13.915	228	1232106	36.645	ng	99
84) Bis(2-ethylhexyl)phtha...	13.880	149	707875	37.992	ng	99
85) Di-n-octyl phthalate	14.492	149	1149131	37.824	ng	97
87) Indeno(1,2,3-cd)pyrene	16.686	276	1002009	42.491	ng	100
88) Benzo(b)fluoranthene	14.904	252	998073	37.843	ng	99
89) Benzo(k)fluoranthene	14.933	252	983981	37.636	ng	99
90) Benzo(a)pyrene	15.251	252	929711	38.728	ng	99
91) Dibenzo(a,h)anthracene	16.703	278	837413	42.577	ng	98
92) Benzo(g,h,i)perylene	17.098	276	859332	44.256	ng	99

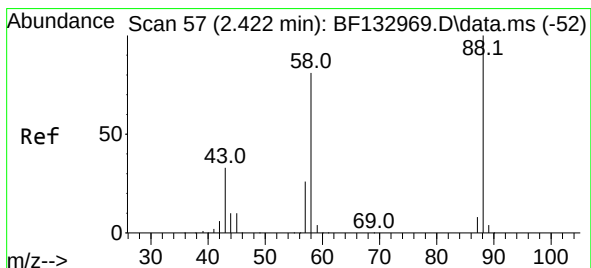
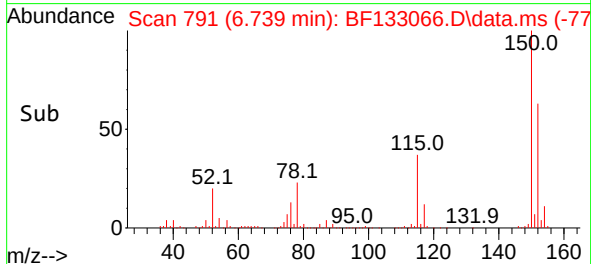
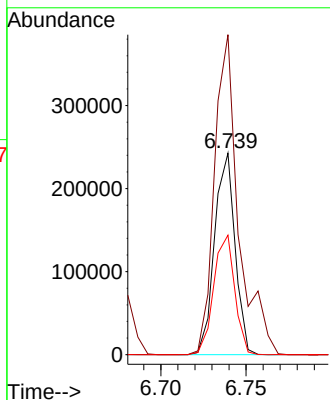
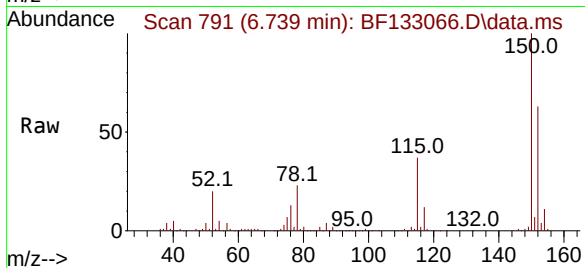
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF133066.D
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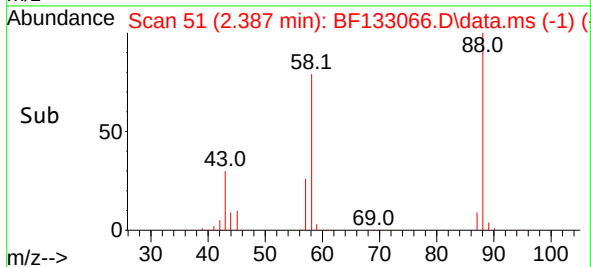
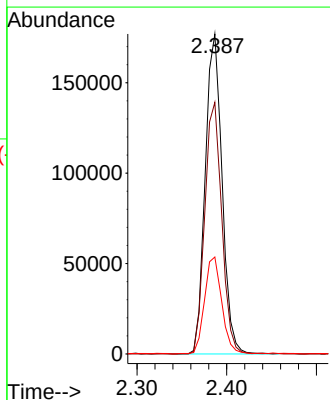
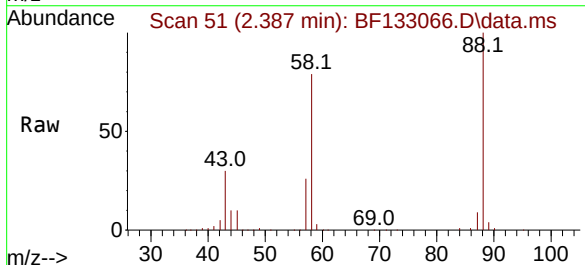
Instrument :
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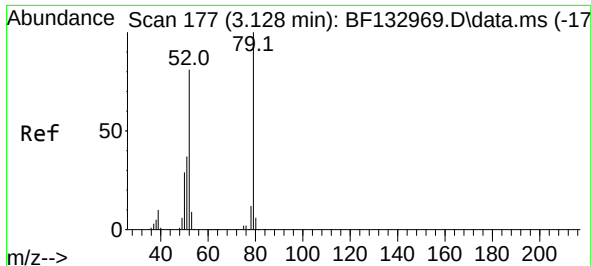
Tgt Ion:152 Resp: 203066
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.8 187.2
 115 59.3 49.9 74.9



#2
 1,4-Dioxane
 Concen: 37.002 ng
 RT: 2.387 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BF133066.D
 Acq: 26 Apr 2023 15:54

Tgt Ion: 88 Resp: 230715
 Ion Ratio Lower Upper
 88 100
 58 79.1 64.7 97.1
 43 31.1 26.2 39.2





#3

Pyridine

Concen: 37.671 ng

RT: 3.081 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

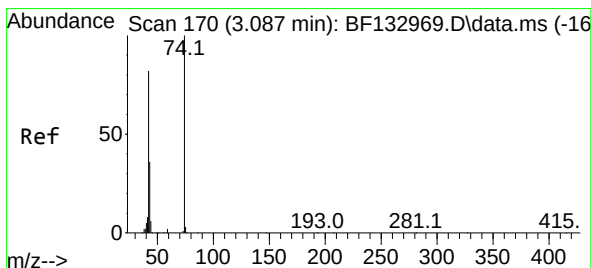
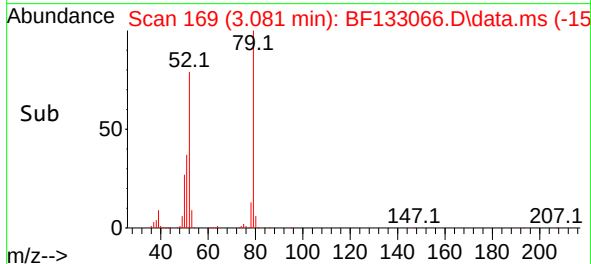
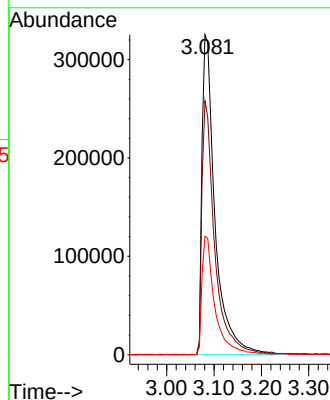
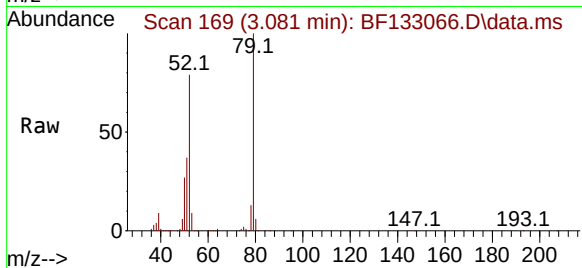
Tgt Ion: 79 Resp: 623853

Ion Ratio Lower Upper

79 100

52 79.3 64.6 96.8

51 37.0 30.0 45.0



#4

n-Nitrosodimethylamine

Concen: 33.903 ng

RT: 3.040 min Scan# 162

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

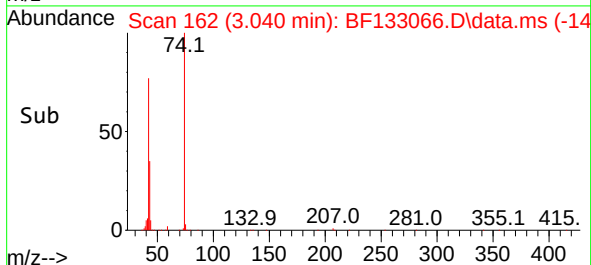
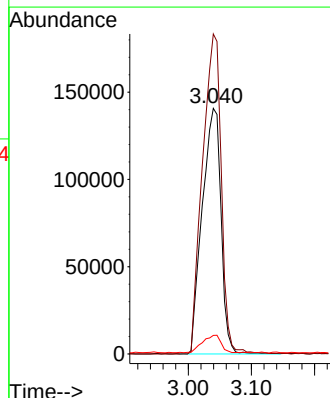
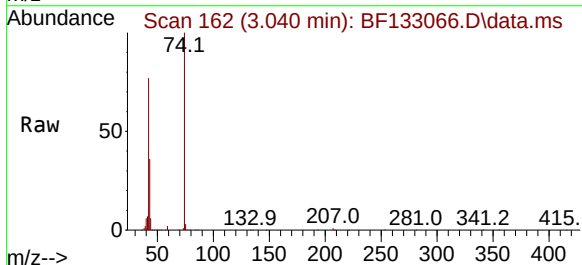
Tgt Ion: 42 Resp: 290813

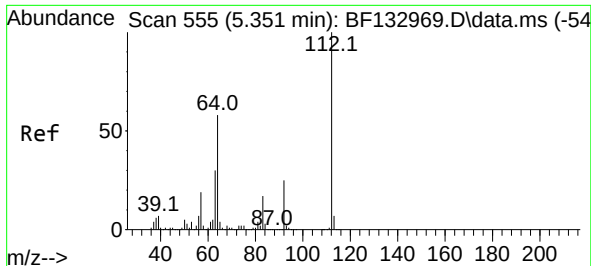
Ion Ratio Lower Upper

42 100

74 130.3 98.0 147.0

44 7.5 5.8 8.8

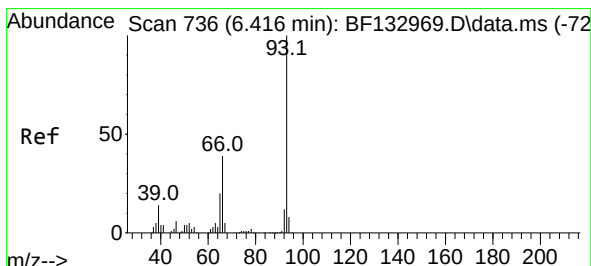
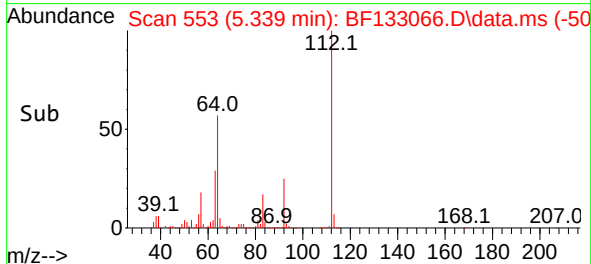
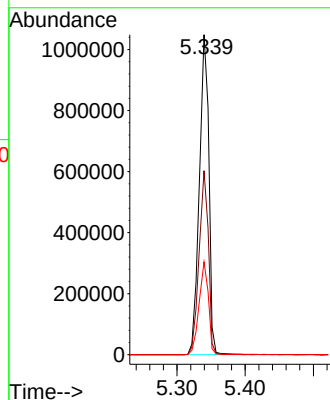
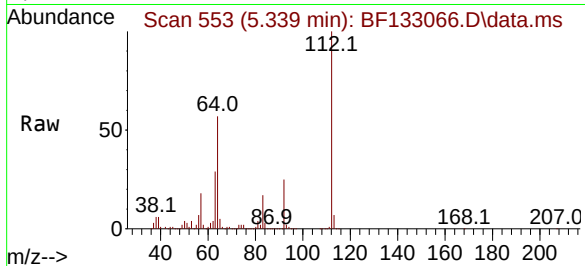




#5
2-Fluorophenol
Concen: 75.769 ng
RT: 5.339 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

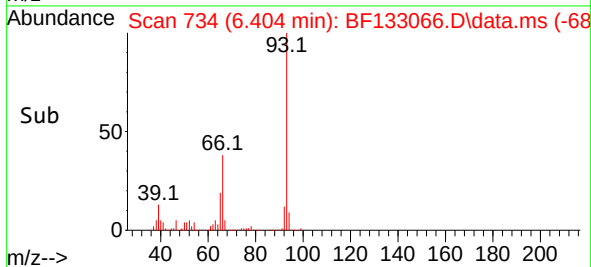
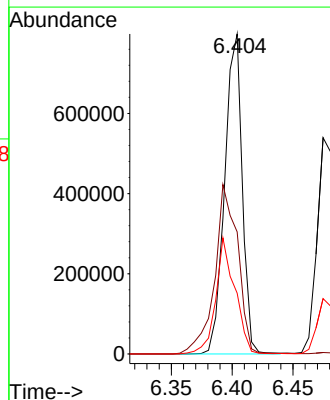
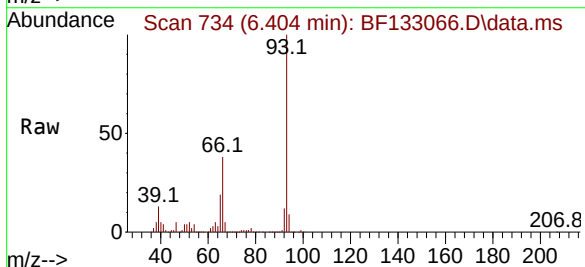
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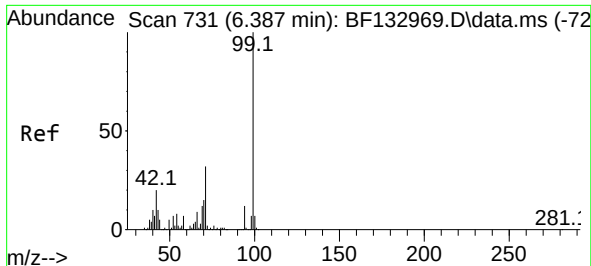
Tgt Ion:112 Resp: 1018531
Ion Ratio Lower Upper
112 100
64 57.5 46.8 70.2
63 29.0 23.8 35.8



#6
Aniline
Concen: 37.290 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

Tgt Ion: 93 Resp: 801354
Ion Ratio Lower Upper
93 100
66 38.1 31.5 47.3
65 19.0 16.4 24.6





#7

Phenol-d6

Concen: 74.077 ng

RT: 6.381 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

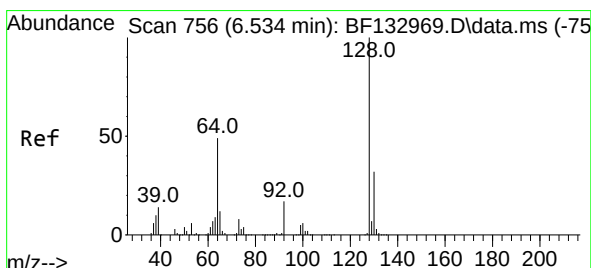
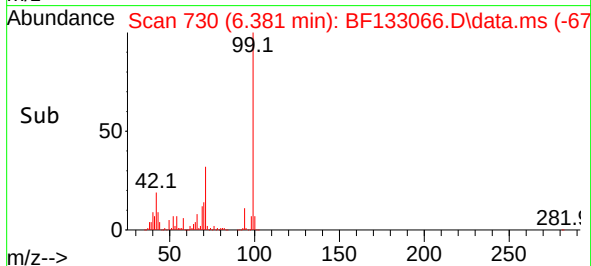
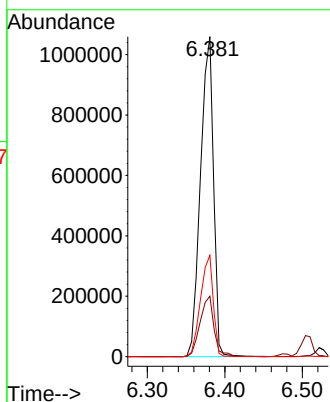
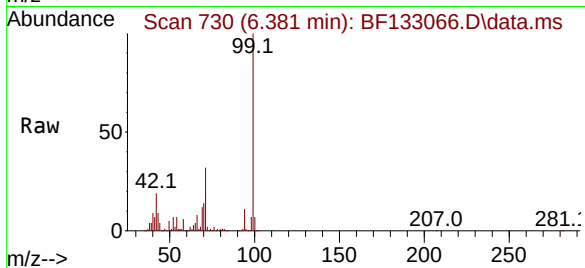
Tgt Ion: 99 Resp: 1235991

Ion Ratio Lower Upper

99 100

42 18.9 16.3 24.5

71 31.7 25.6 38.4



#8

2-Chlorophenol

Concen: 37.115 ng

RT: 6.522 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

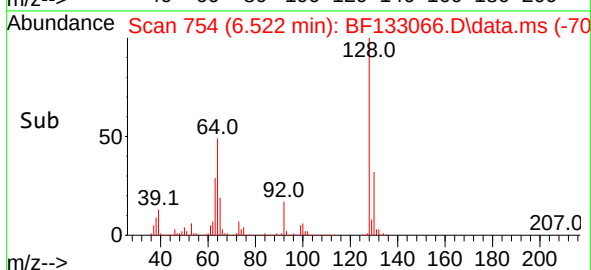
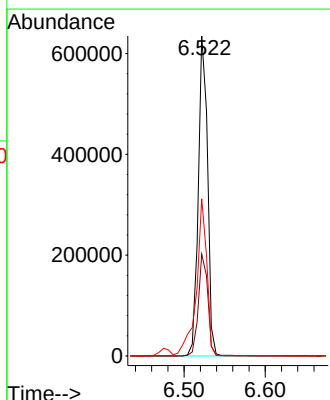
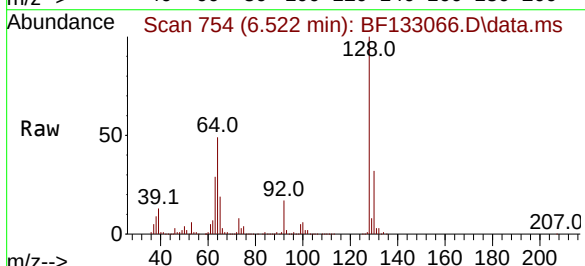
Tgt Ion:128 Resp: 506573

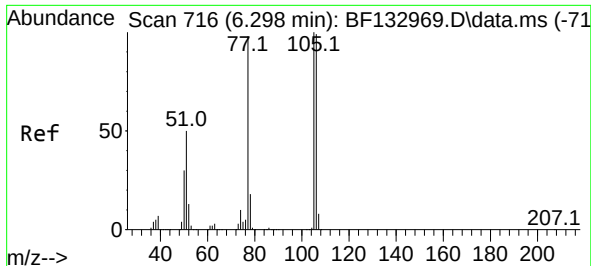
Ion Ratio Lower Upper

128 100

130 31.8 12.2 52.2

64 49.1 30.3 70.3

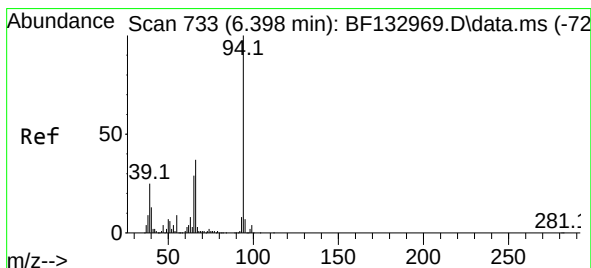
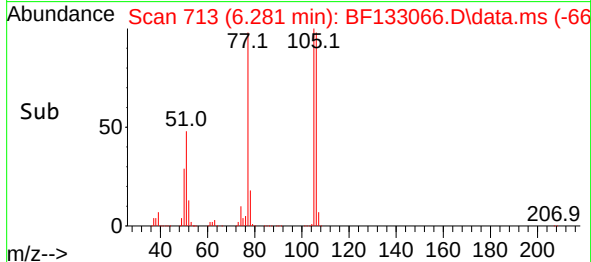
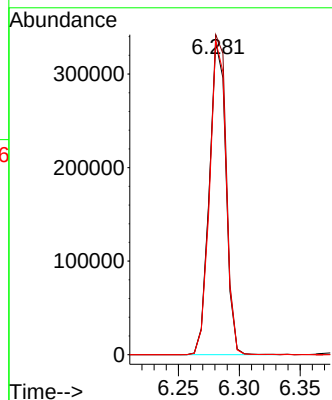
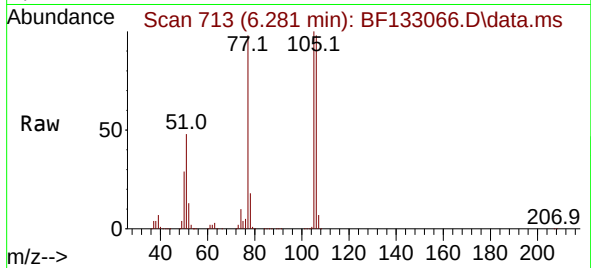




#9
Benzaldehyde
Concen: 41.674 ng
RT: 6.281 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

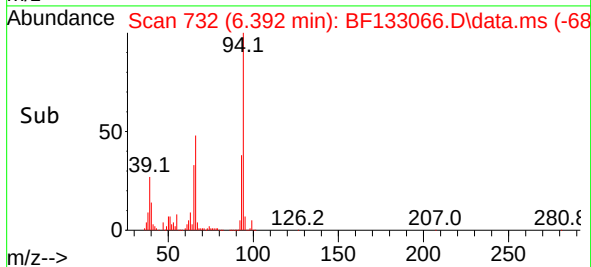
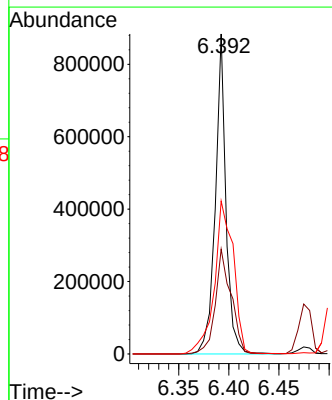
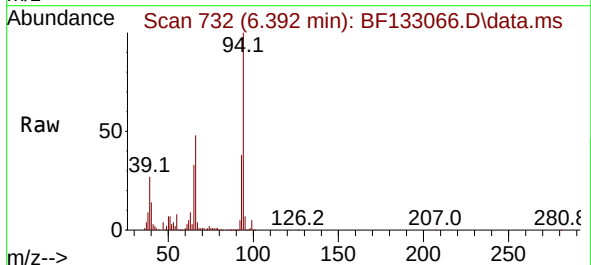
Instrument :
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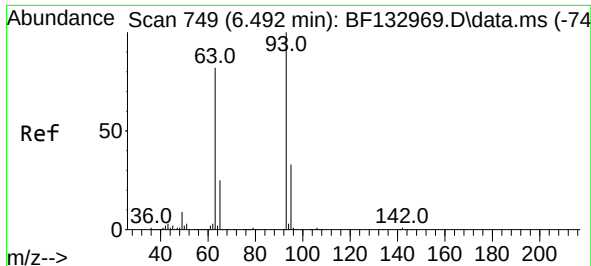
Tgt Ion: 77 Resp: 316109
Ion Ratio Lower Upper
77 100
105 102.4 82.3 122.3
106 100.5 80.8 120.8



#10
Phenol
Concen: 35.686 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

Tgt Ion: 94 Resp: 656864
Ion Ratio Lower Upper
94 100
65 32.8 8.6 48.6
66 47.8 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 36.191 ng

RT: 6.475 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

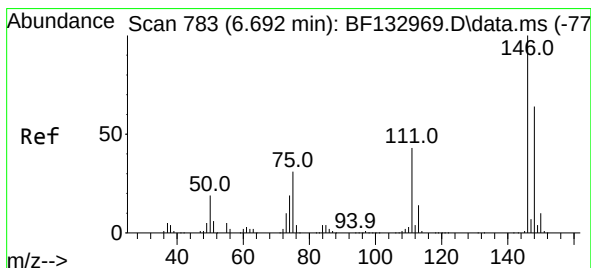
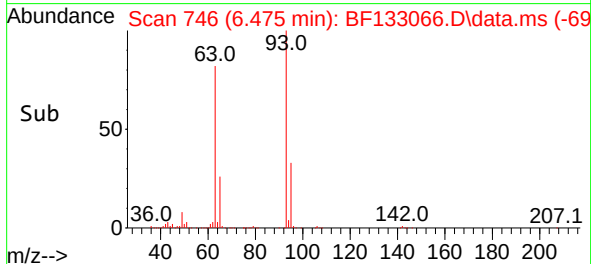
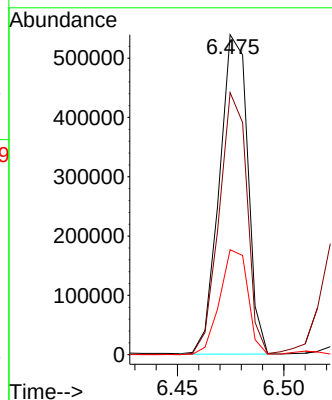
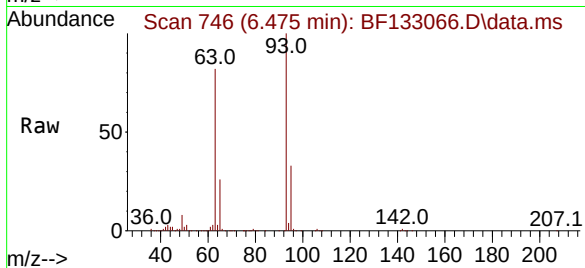
Tgt Ion: 93 Resp: 499896

Ion Ratio Lower Upper

93 100

63 81.9 60.6 100.6

95 32.8 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 37.043 ng

RT: 6.681 min Scan# 781

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

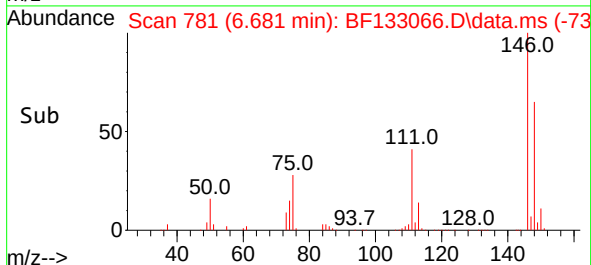
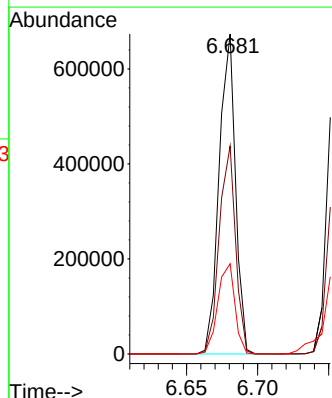
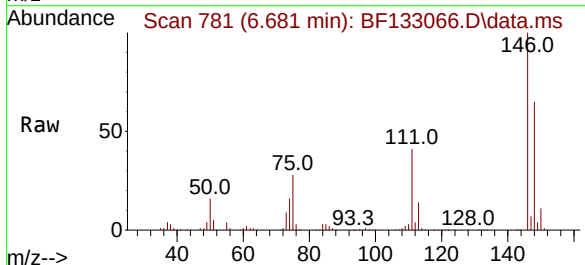
Tgt Ion: 146 Resp: 537533

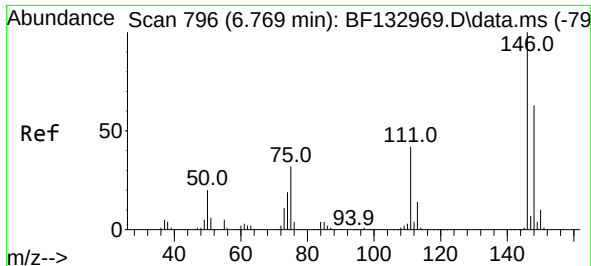
Ion Ratio Lower Upper

146 100

148 65.0 51.0 76.4

75 28.2 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 36.828 ng

RT: 6.757 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

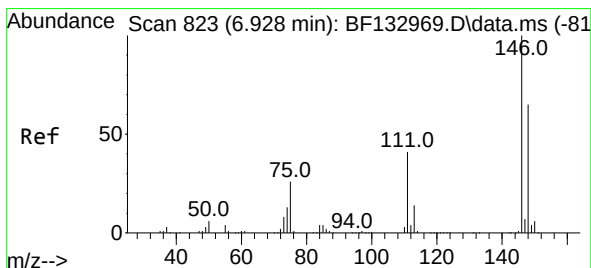
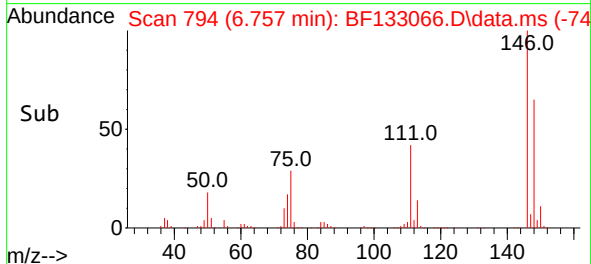
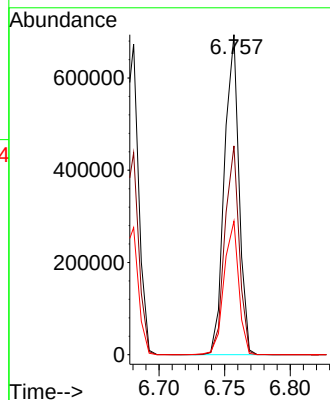
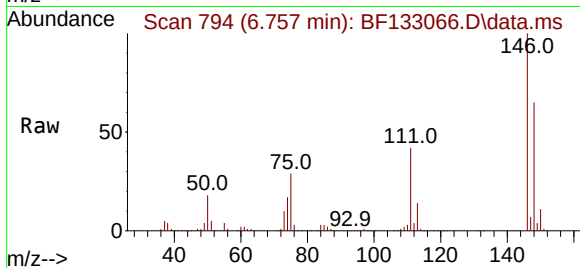
Tgt Ion:146 Resp: 535605

Ion Ratio Lower Upper

146 100

148 65.2 50.3 75.5

111 41.7 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 37.547 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

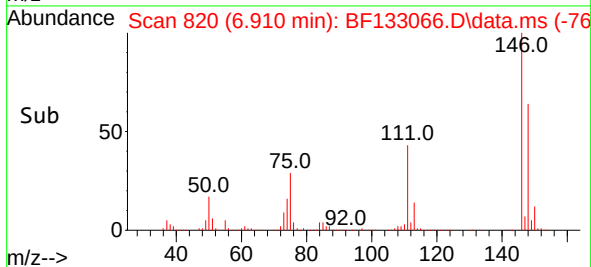
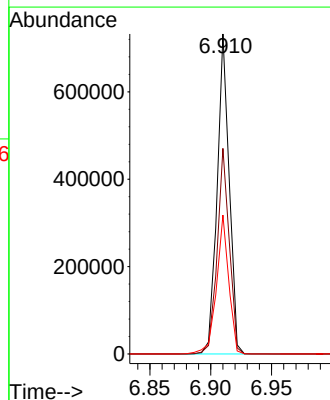
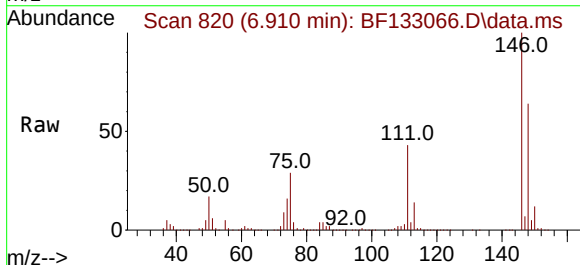
Tgt Ion:146 Resp: 503430

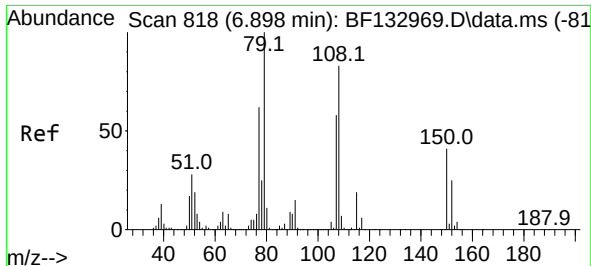
Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

111 43.4 32.8 49.2

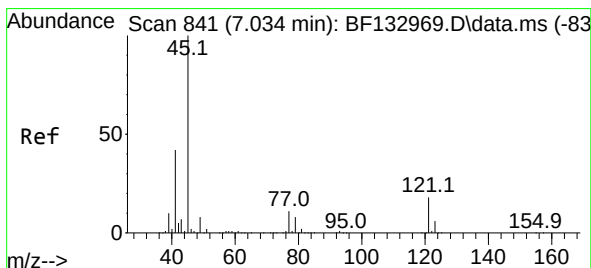
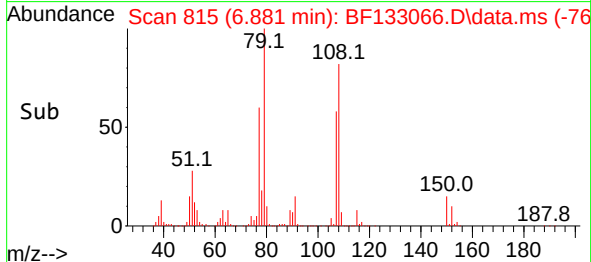
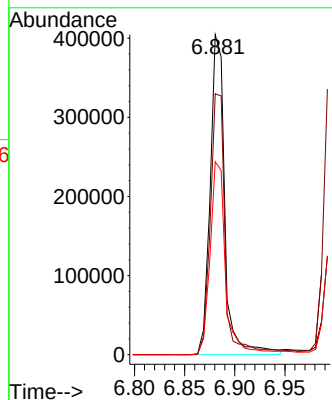
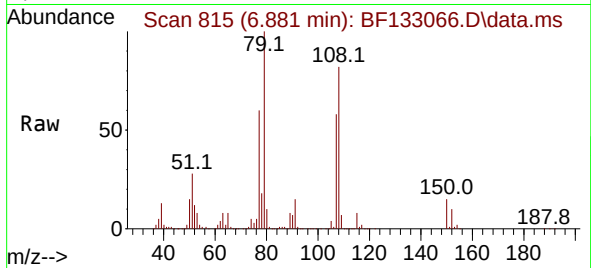




#15
Benzyl Alcohol
Concen: 35.753 ng
RT: 6.881 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

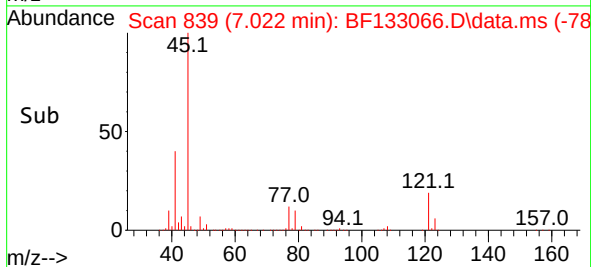
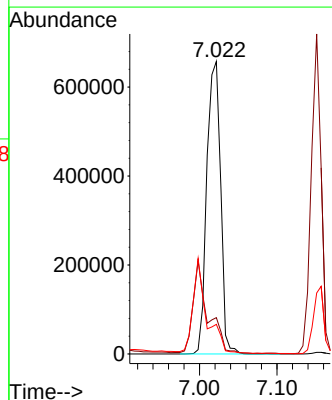
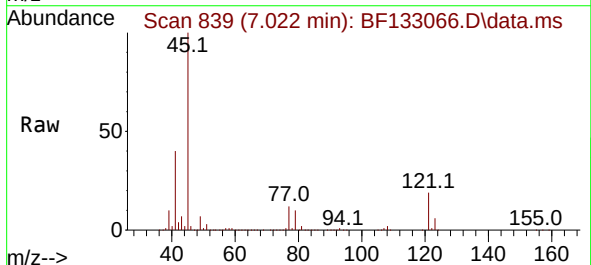
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

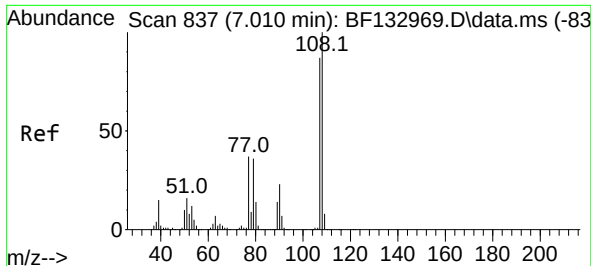
Tgt Ion: 79 Resp: 412073
Ion Ratio Lower Upper
79 100
108 81.5 66.6 99.8
77 60.3 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.748 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

Tgt Ion: 45 Resp: 809640
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.5
79 10.1 0.0 28.7

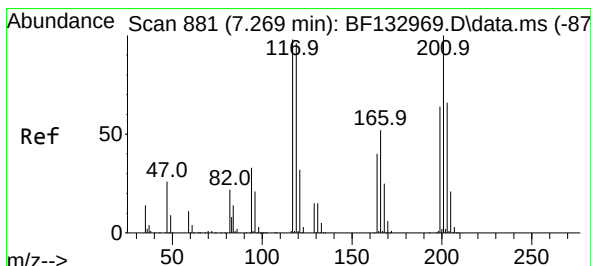
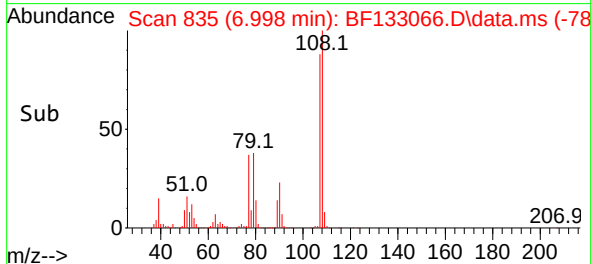
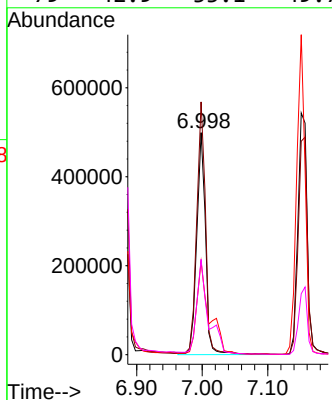
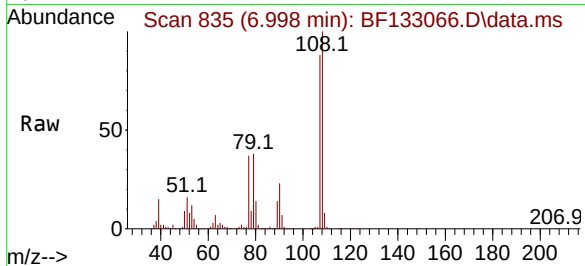




#17
2-Methylphenol
Concen: 37.481 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

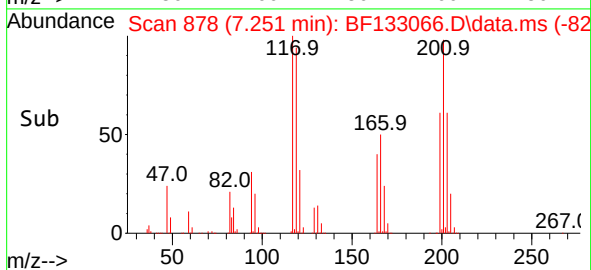
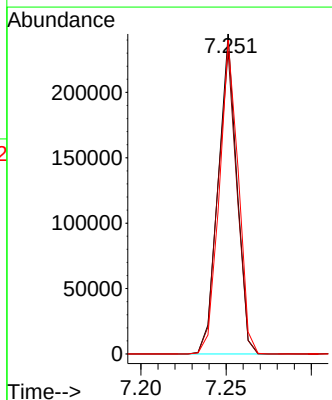
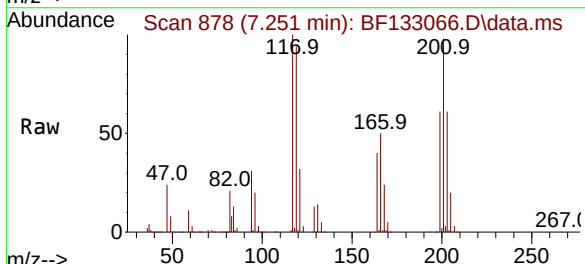
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

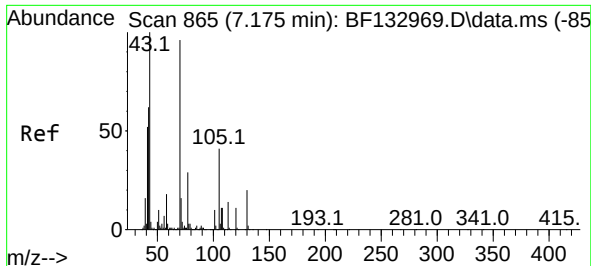
Tgt Ion:	107	Resp:	468434
Ion	Ratio	Lower	Upper
107	100		
108	113.8	92.4	138.6
77	42.0	33.8	50.8
79	42.9	33.1	49.7



#18
Hexachloroethane
Concen: 36.831 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

Tgt Ion:	117	Resp:	186224
Ion	Ratio	Lower	Upper
117	100		
119	94.4	78.2	117.4
201	98.1	81.7	122.5





#19

n-Nitroso-di-n-propylamine

Concen: 32.930 ng

RT: 7.157 min Scan# 8

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 342055

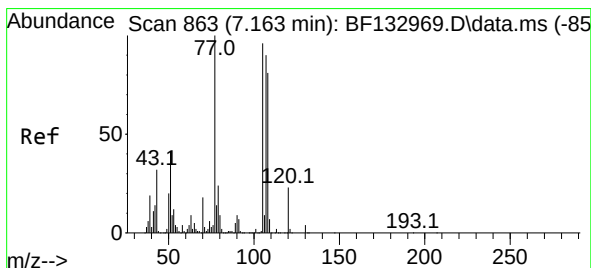
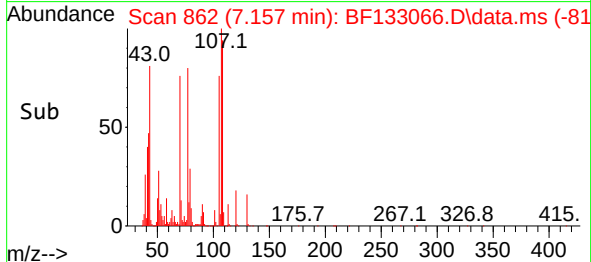
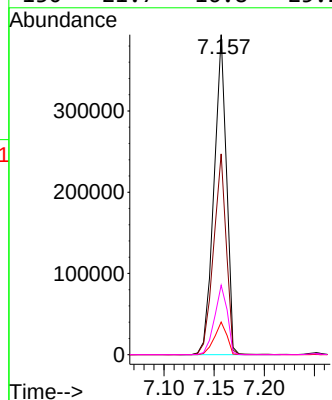
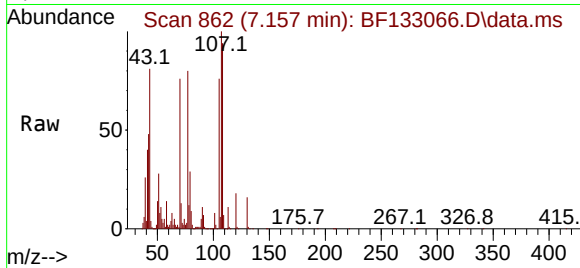
Ion Ratio Lower Upper

70 100

42 62.8 51.8 77.6

101 10.2 8.0 12.0

130 21.7 16.8 25.2



#20

3+4-Methylphenols

Concen: 36.526 ng

RT: 7.151 min Scan# 861

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Tgt Ion:107 Resp: 537598

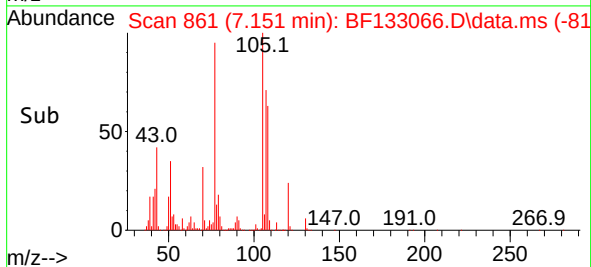
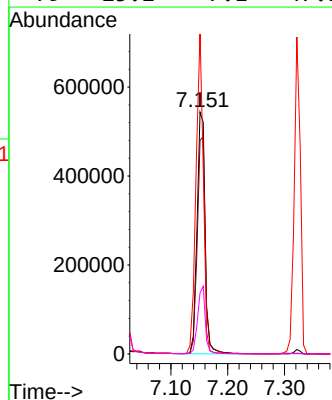
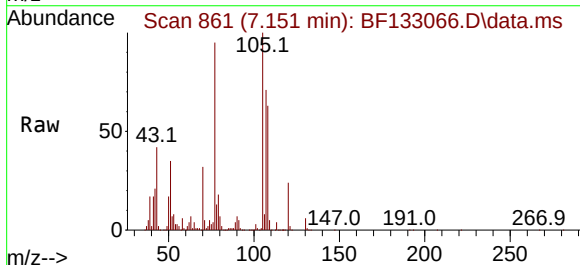
Ion Ratio Lower Upper

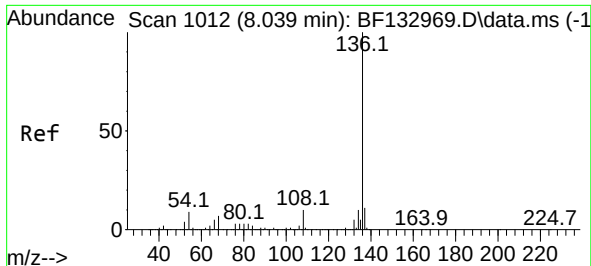
107 100

108 88.3 70.5 110.5

77 132.3 91.7 131.7#

79 25.2 7.1 47.1



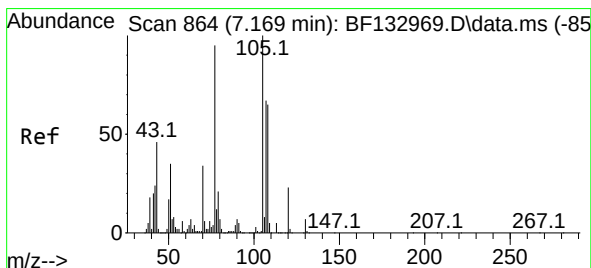
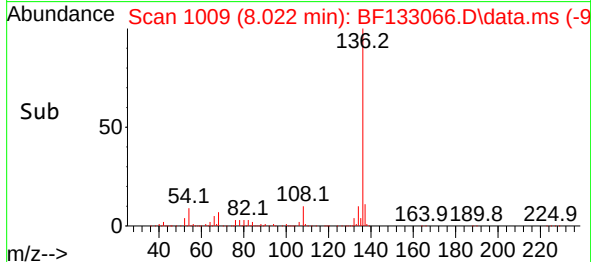
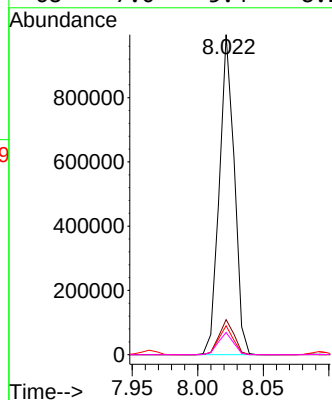
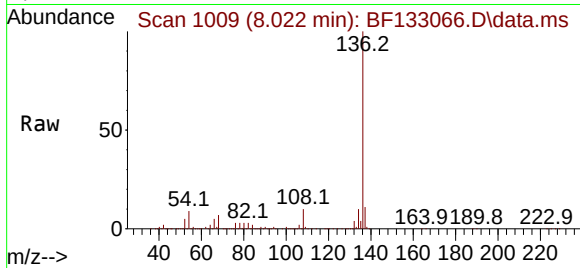


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 788518

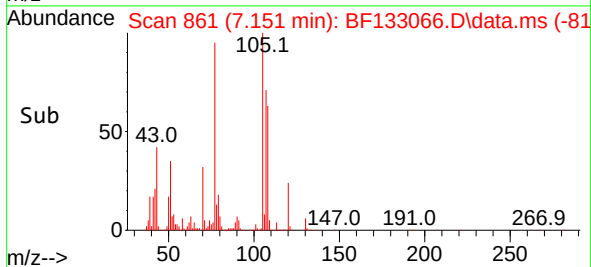
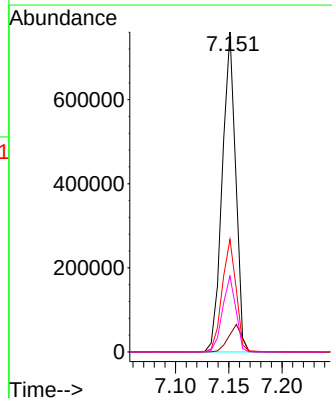
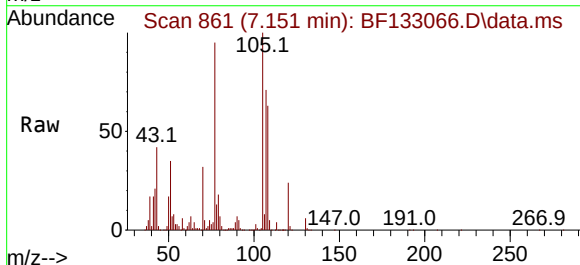
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.0	7.0	10.4
68	7.0	5.4	8.2

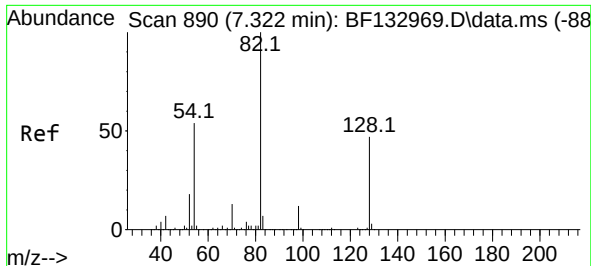


#22
Acetophenone
Concen: 36.274 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

Tgt Ion:105 Resp: 662573

Ion	Ratio	Lower	Upper
105	100		
71	5.4	4.6	7.0
51	35.2	28.2	42.2
120	23.7	18.4	27.6





#23

Nitrobenzene-d5

Concen: 72.443 ng

RT: 7.304 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

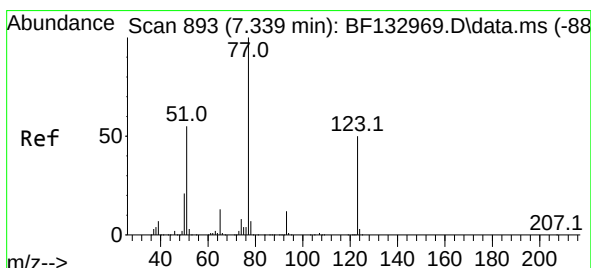
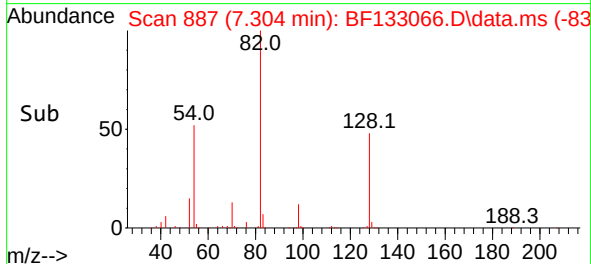
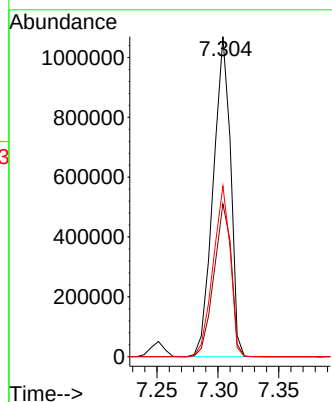
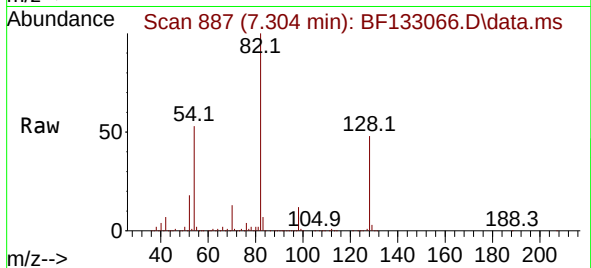
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1058286

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.7	56.5
54	53.4	43.0	64.4



#24

Nitrobenzene

Concen: 35.964 ng

RT: 7.322 min Scan# 890

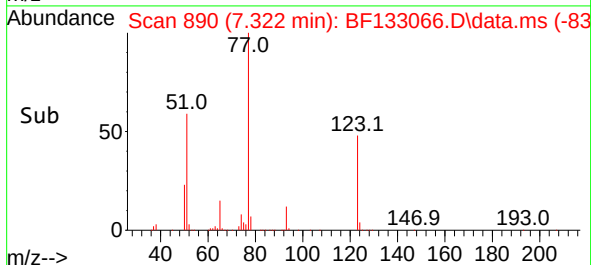
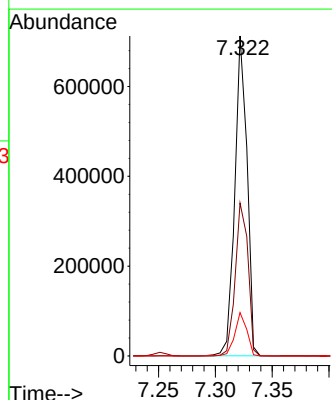
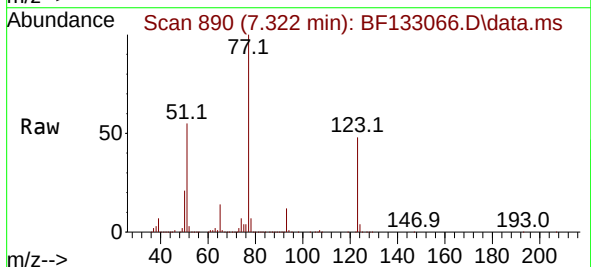
Delta R.T. 0.000 min

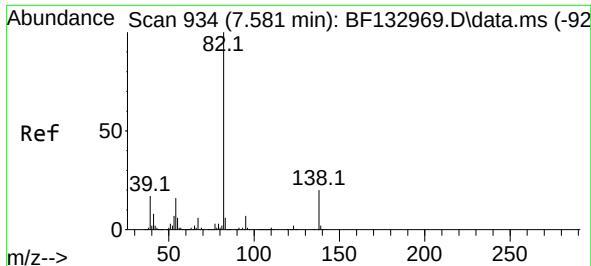
Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Tgt Ion: 77 Resp: 532383

Ion	Ratio	Lower	Upper
77	100		
123	47.8	39.9	59.9
65	13.6	10.7	16.1

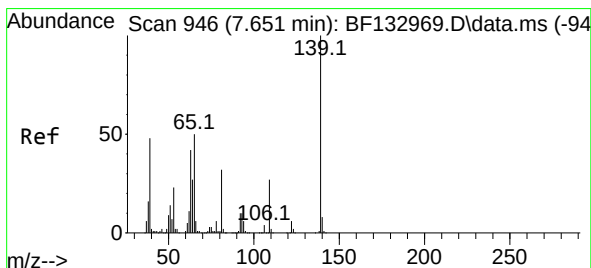
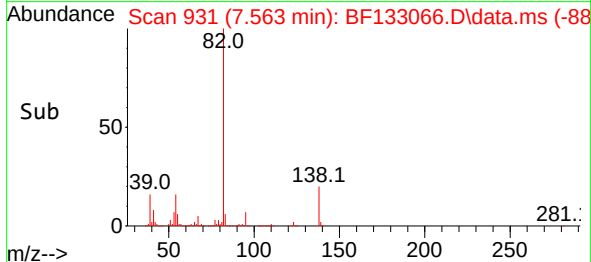
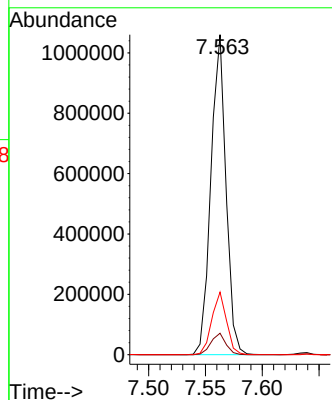
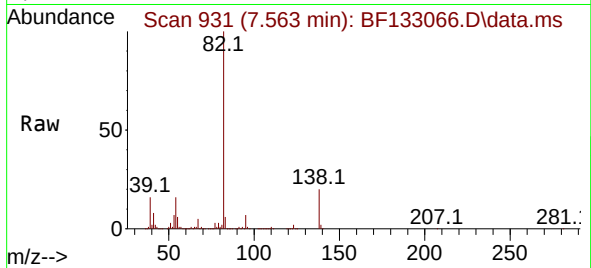




#25
Isophorone
Concen: 35.199 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

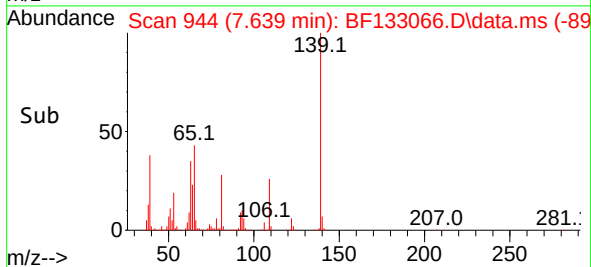
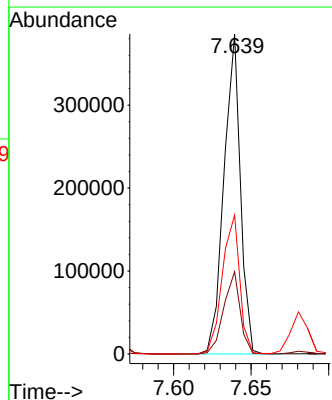
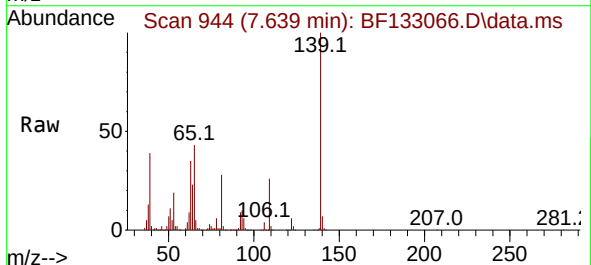
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

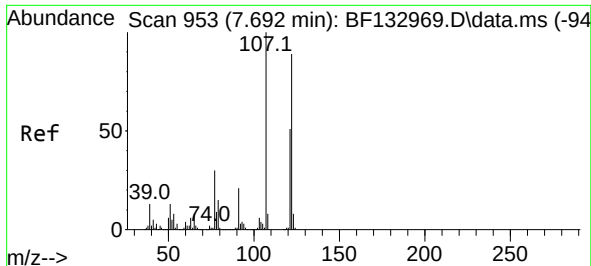
Tgt Ion: 82 Resp: 976287
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 19.5 16.0 24.0



#26
2-Nitrophenol
Concen: 39.888 ng
RT: 7.639 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

Tgt Ion: 139 Resp: 284797
Ion Ratio Lower Upper
139 100
109 25.7 21.6 32.4
65 43.4 39.8 59.6

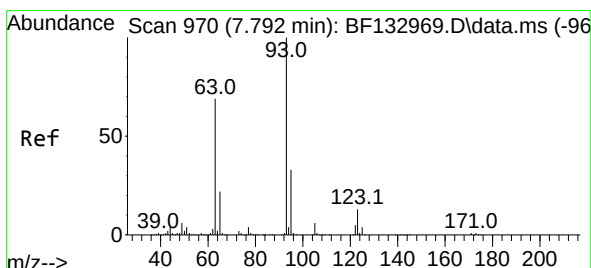
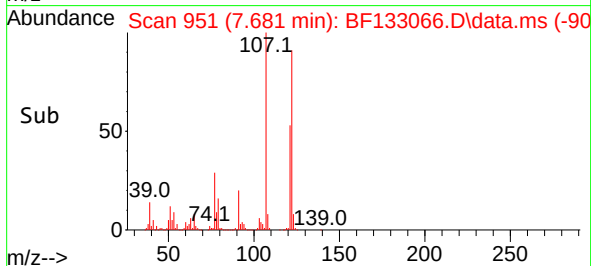
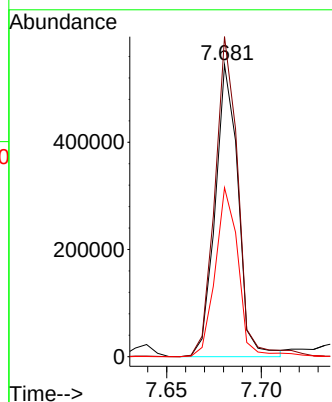
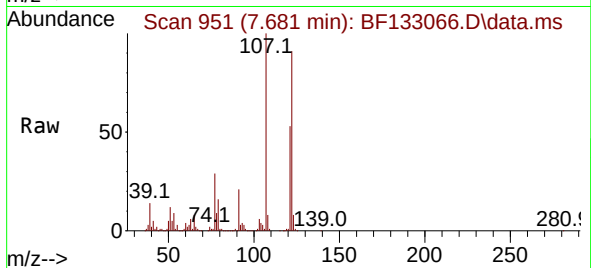




#27
2,4-Dimethylphenol
Concen: 37.499 ng
RT: 7.681 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

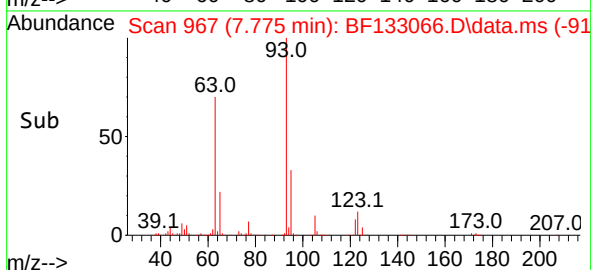
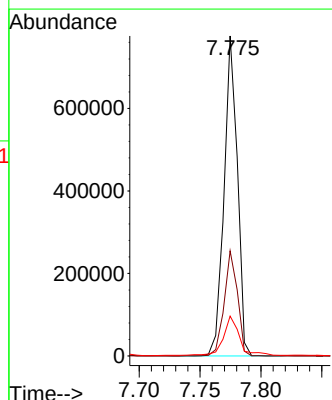
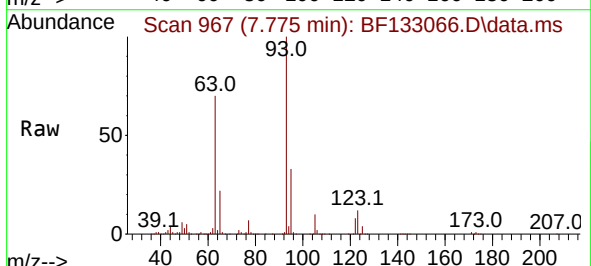
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

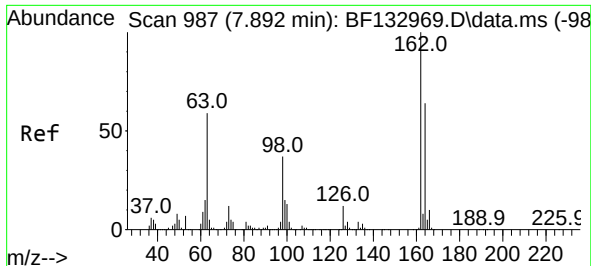
Tgt Ion:122 Resp: 459104
Ion Ratio Lower Upper
122 100
107 109.6 89.7 134.5
121 57.8 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 35.943 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

Tgt Ion: 93 Resp: 589769
Ion Ratio Lower Upper
93 100
95 32.9 26.4 39.6
123 12.5 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 38.765 ng

RT: 7.880 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

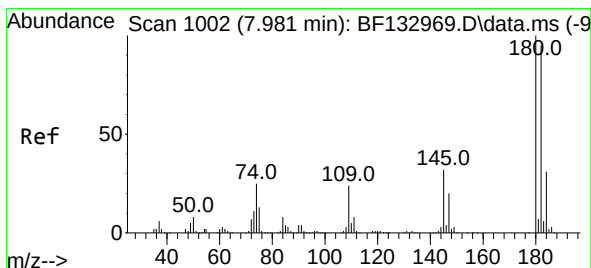
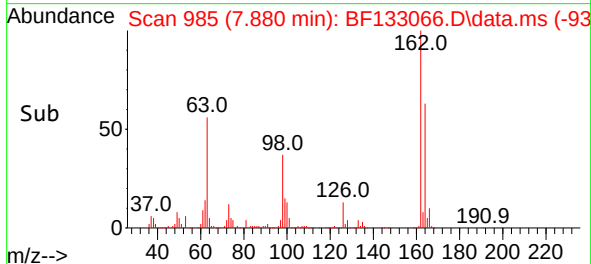
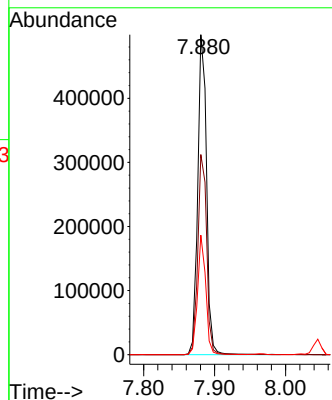
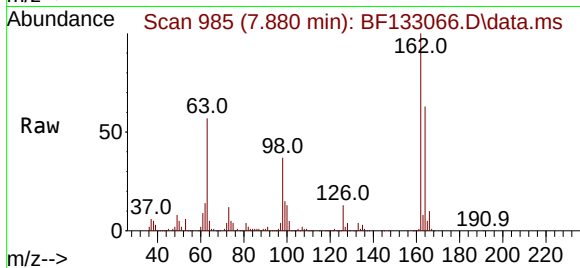
Tgt Ion:162 Resp: 432051

Ion Ratio Lower Upper

162 100

164 62.5 43.9 83.9

98 37.4 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 38.234 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

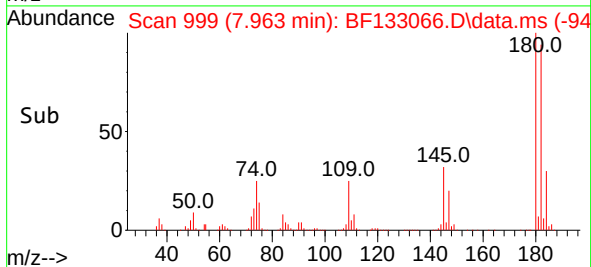
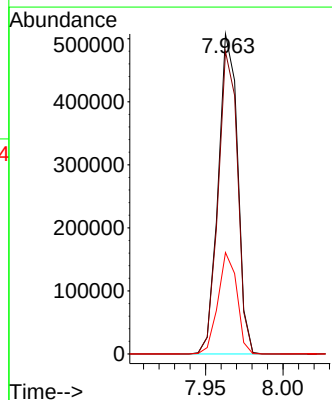
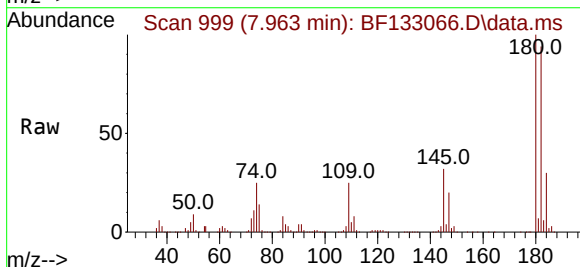
Tgt Ion:180 Resp: 441474

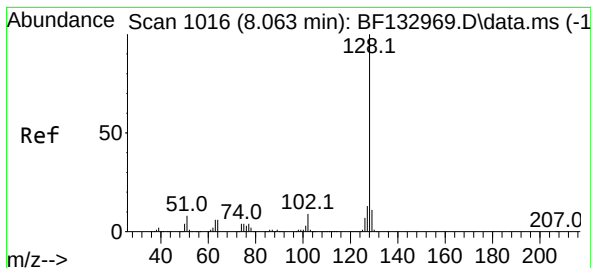
Ion Ratio Lower Upper

180 100

182 94.5 75.9 113.9

145 31.7 25.3 37.9





#31

Naphthalene

Concen: 37.330 ng

RT: 8.045 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

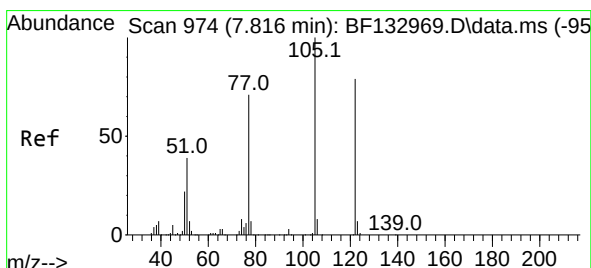
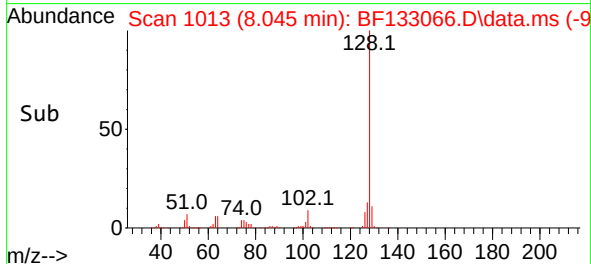
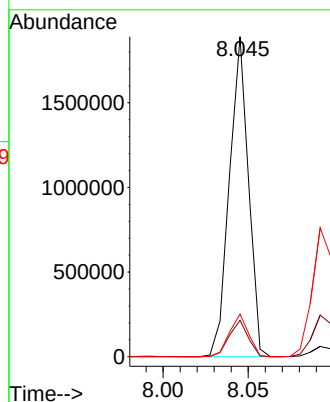
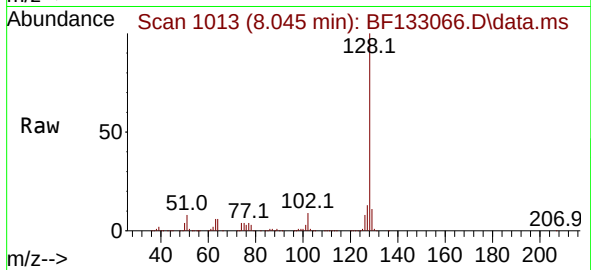
Tgt Ion:128 Resp: 1471678

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.3 10.7 16.1



#32

Benzoic acid

Concen: 29.318 ng

RT: 7.798 min Scan# 971

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

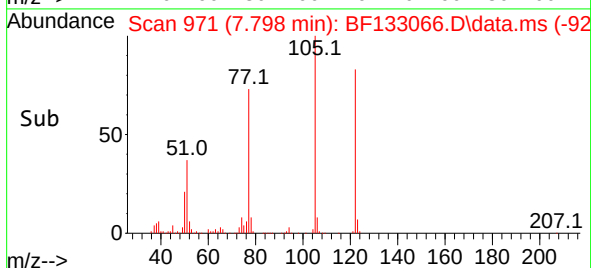
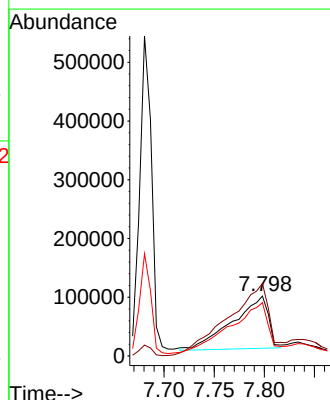
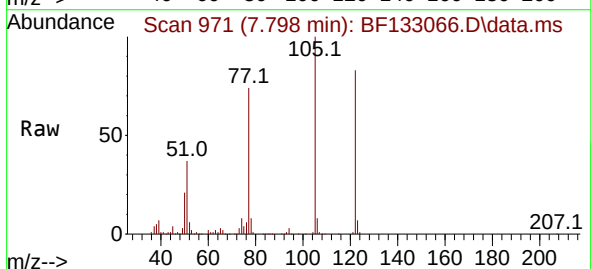
Tgt Ion:122 Resp: 221717

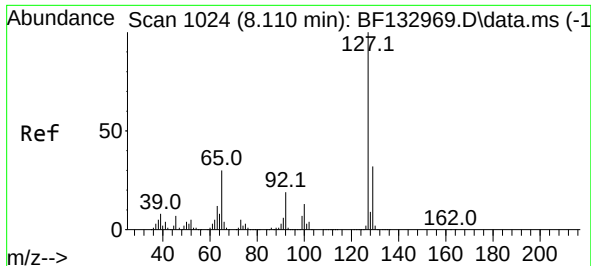
Ion Ratio Lower Upper

122 100

105 121.2 104.2 144.2

77 89.1 69.7 109.7

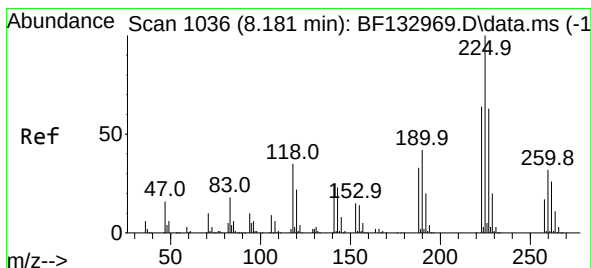
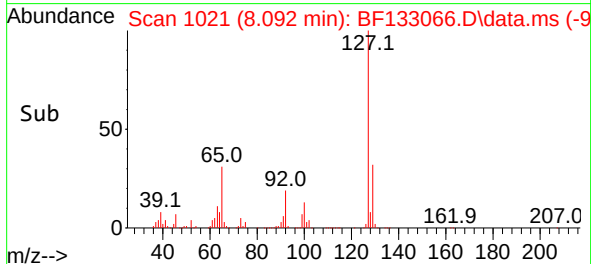
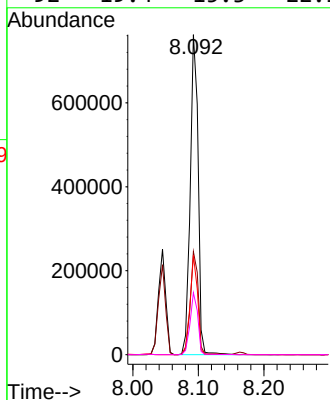
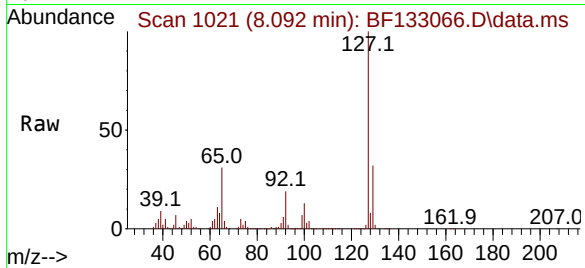




#33
4-Chloroaniline
Concen: 40.100 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

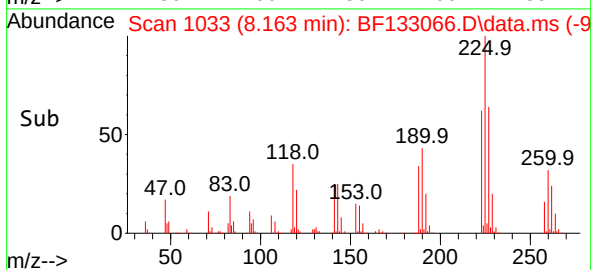
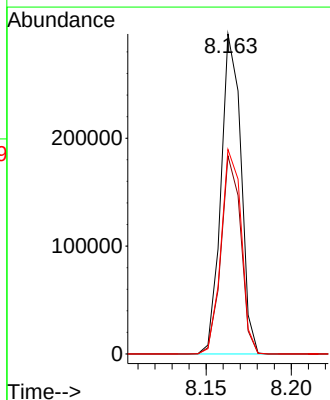
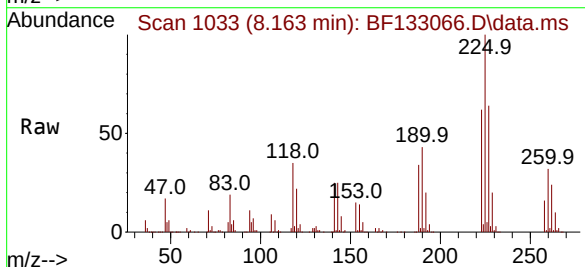
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

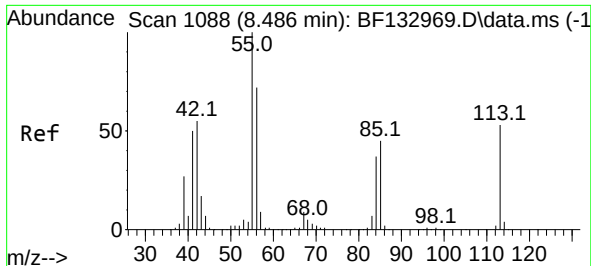
Tgt Ion:	127	Resp:	638733
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	31.0	23.6	35.4
92	19.4	15.3	22.9



#34
Hexachlorobutadiene
Concen: 37.687 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

Tgt Ion:	225	Resp:	241183
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.9	76.3
227	63.9	50.3	75.5

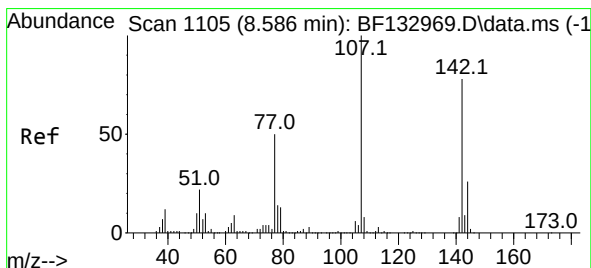
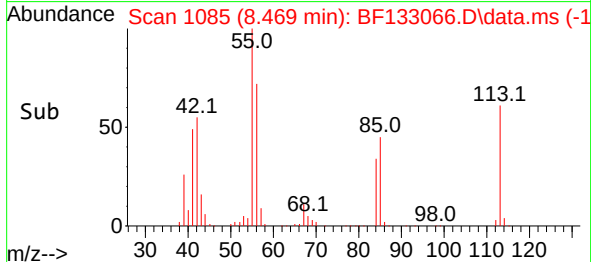
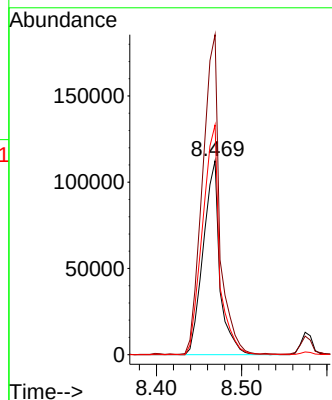
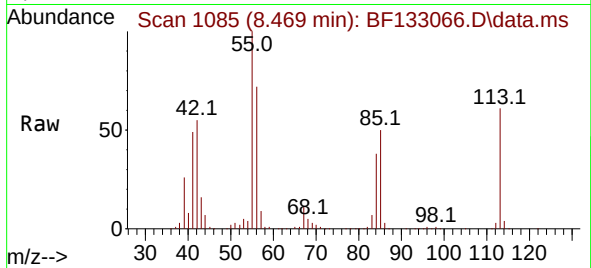




#35
Caprolactam
Concen: 40.722 ng
RT: 8.469 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

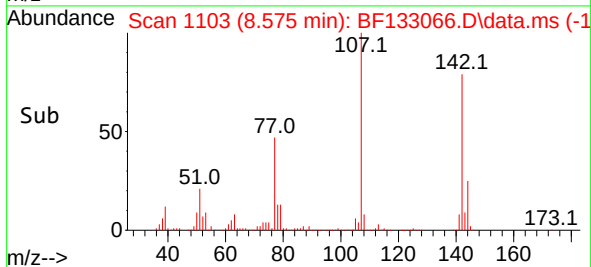
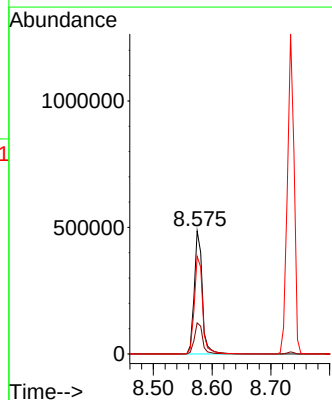
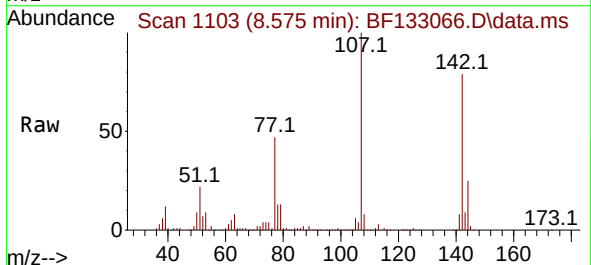
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

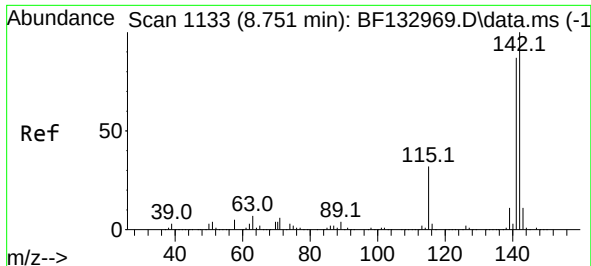
Tgt Ion:113 Resp: 152468
Ion Ratio Lower Upper
113 100
55 165.0 167.1 207.1#
56 118.4 114.5 154.5



#36
4-Chloro-3-methylphenol
Concen: 38.265 ng
RT: 8.575 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

Tgt Ion:107 Resp: 459904
Ion Ratio Lower Upper
107 100
144 25.3 20.6 30.8
142 79.3 62.8 94.2





#37

2-Methylnaphthalene

Concen: 37.313 ng

RT: 8.733 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

BNA_F

ClientSampleId :

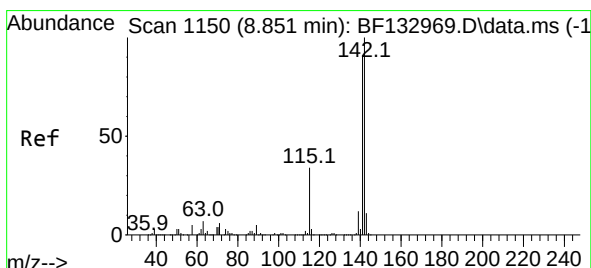
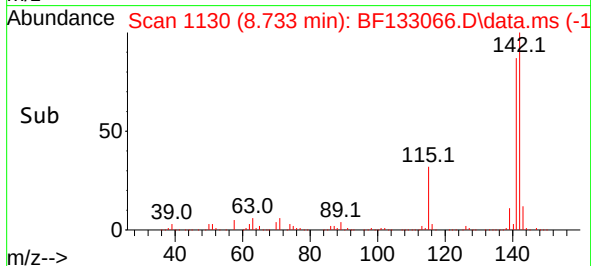
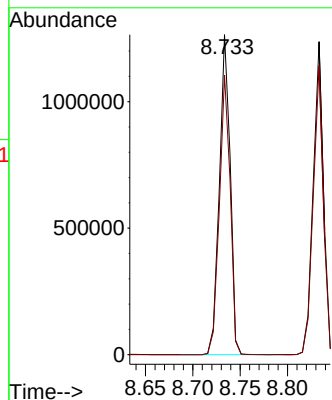
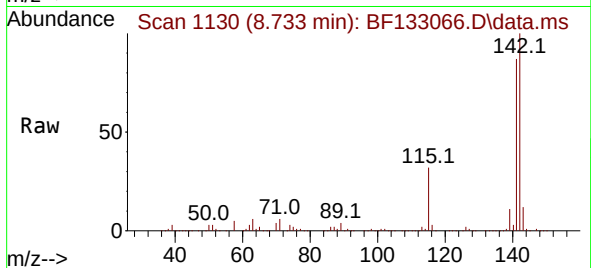
SSTDCCC040

Tgt Ion:142 Resp: 1005700

Ion Ratio Lower Upper

142 100

141 87.3 69.4 104.0



#38

1-Methylnaphthalene

Concen: 36.875 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF133066.D

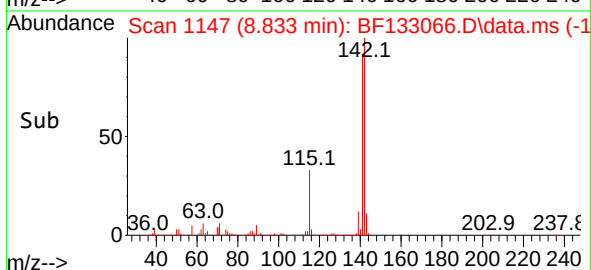
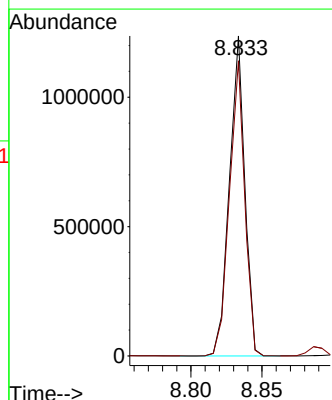
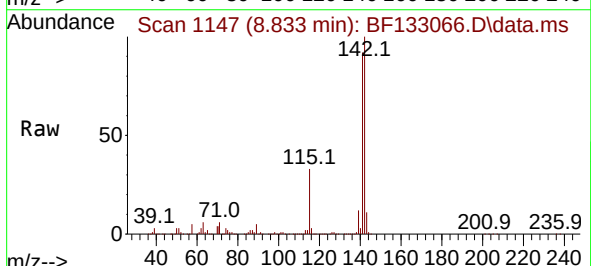
Acq: 26 Apr 2023 15:54

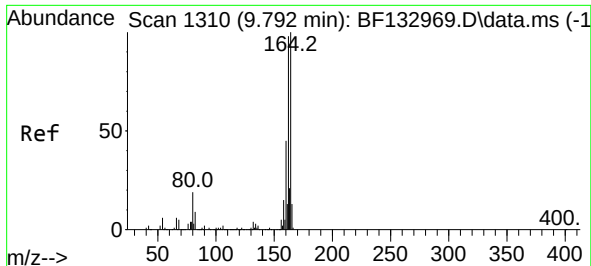
Tgt Ion:142 Resp: 929767

Ion Ratio Lower Upper

142 100

141 92.3 73.1 109.7

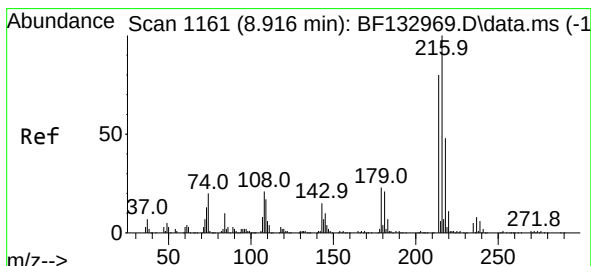
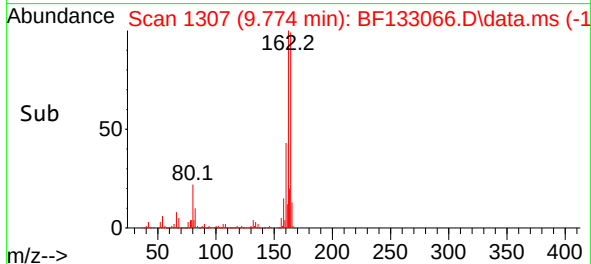
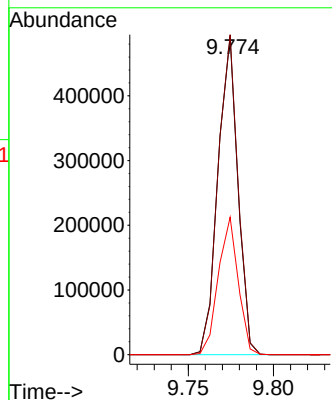
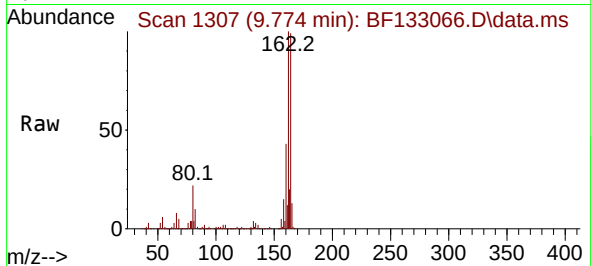




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

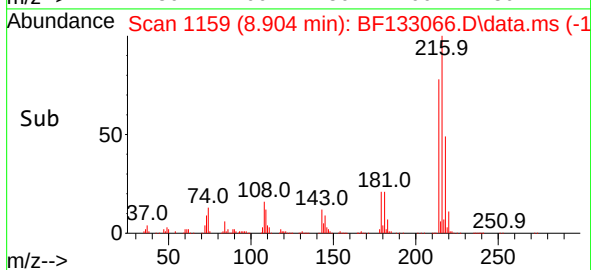
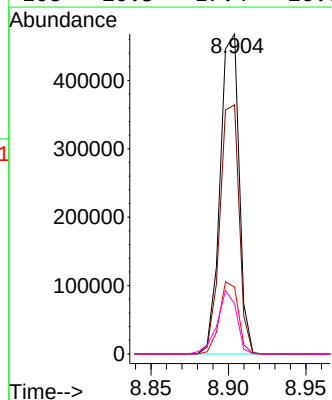
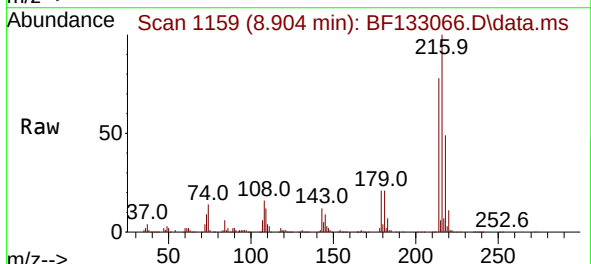
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

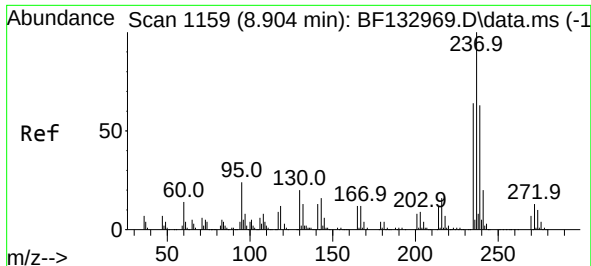
Tgt Ion:164 Resp: 400899
Ion Ratio Lower Upper
164 100
162 100.7 78.7 118.1
160 43.3 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.024 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

Tgt Ion:216 Resp: 399078
Ion Ratio Lower Upper
216 100
214 78.9 63.5 95.3
179 22.3 17.4 26.2
108 20.3 17.4 26.0

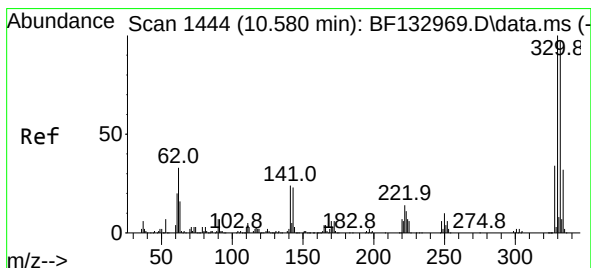
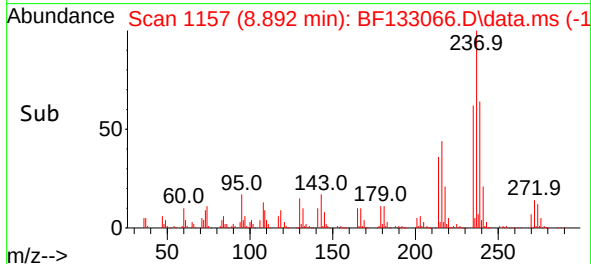
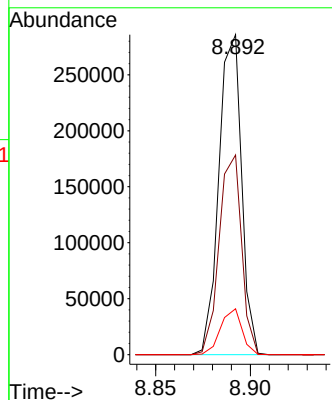
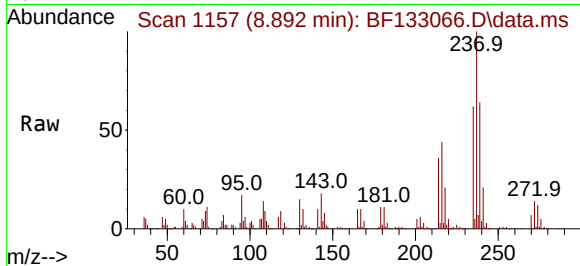




#41
Hexachlorocyclopentadiene
Concen: 37.891 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

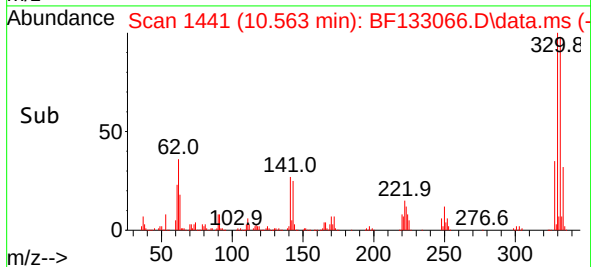
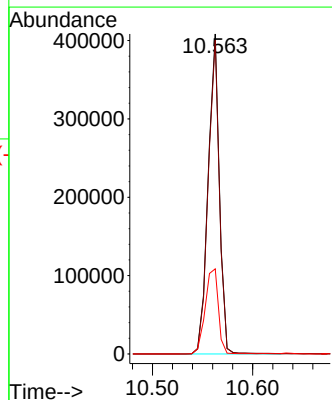
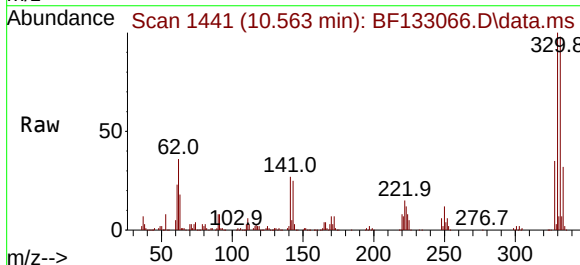
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

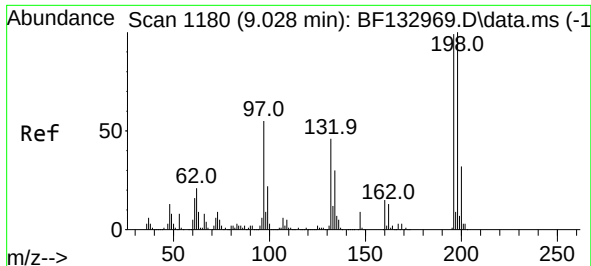
Tgt Ion:237 Resp: 238196
Ion Ratio Lower Upper
237 100
235 62.4 43.5 83.5
272 14.4 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 79.544 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

Tgt Ion:330 Resp: 320706
Ion Ratio Lower Upper
330 100
332 97.9 77.1 115.7
141 31.1 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 37.893 ng

RT: 9.010 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

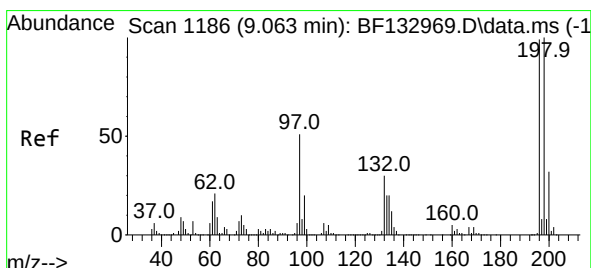
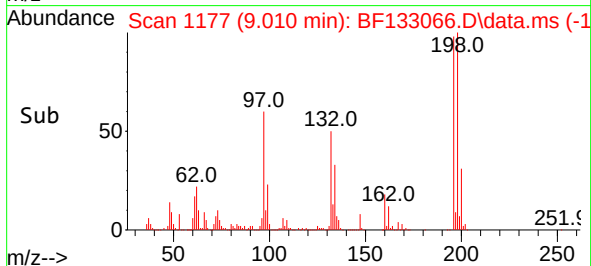
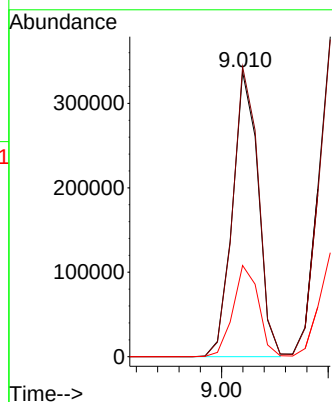
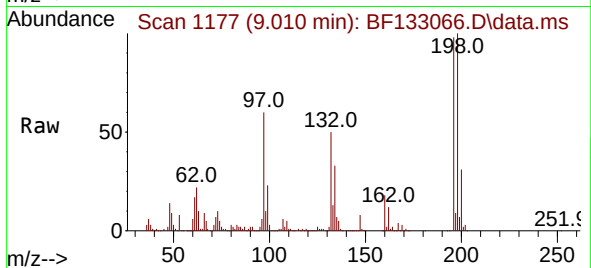
Tgt Ion:196 Resp: 282475

Ion Ratio Lower Upper

196 100

198 101.8 81.0 121.6

200 32.0 26.1 39.1



#44

2,4,5-Trichlorophenol

Concen: 38.724 ng

RT: 9.051 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Tgt Ion:196 Resp: 333853

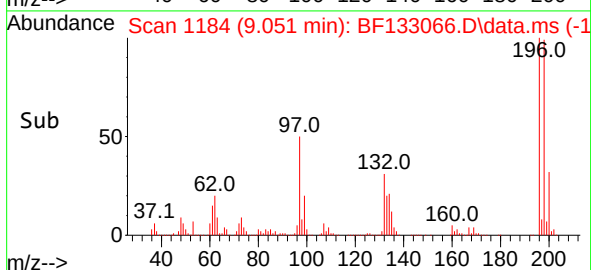
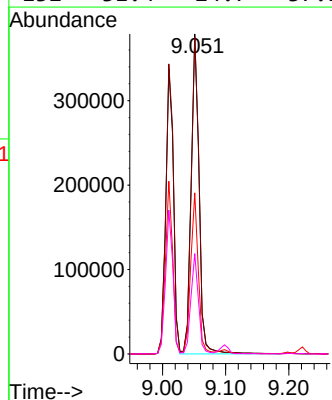
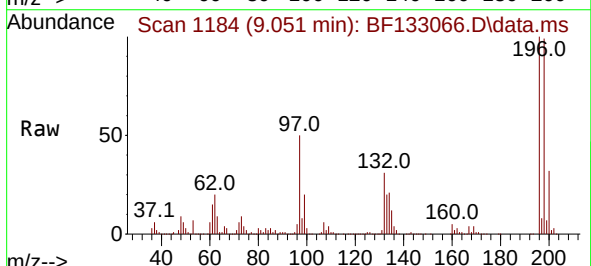
Ion Ratio Lower Upper

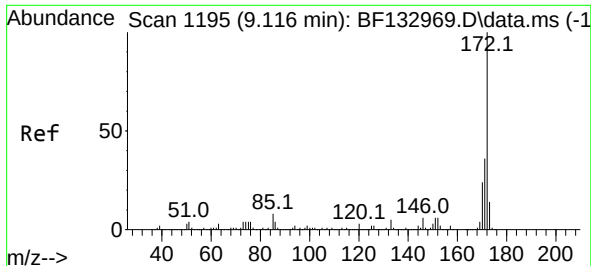
196 100

198 99.1 80.9 121.3

97 50.3 41.3 61.9

132 31.4 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 76.687 ng

RT: 9.098 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

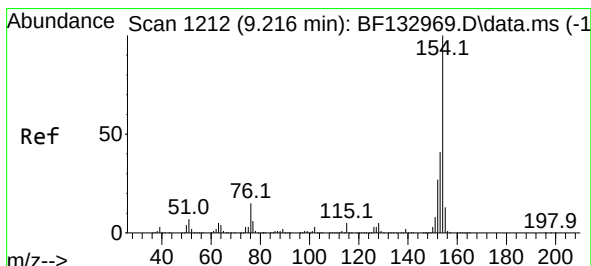
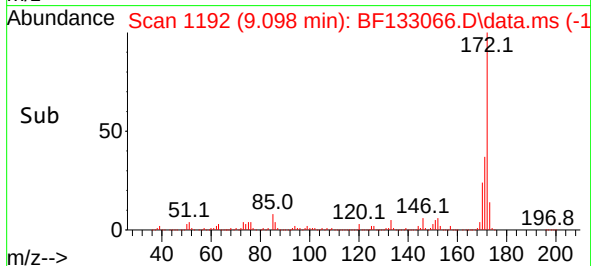
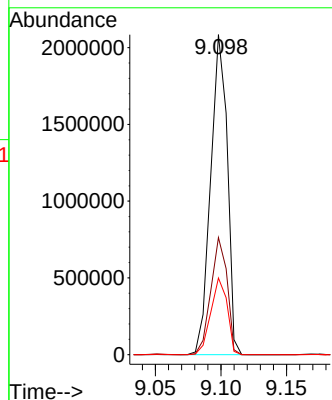
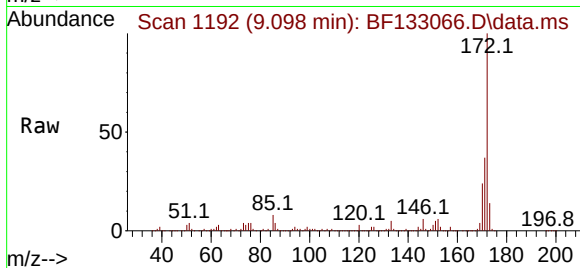
Tgt Ion:172 Resp: 1837652

Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 24.0 19.4 29.2



#46

1,1'-Biphenyl

Concen: 36.939 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

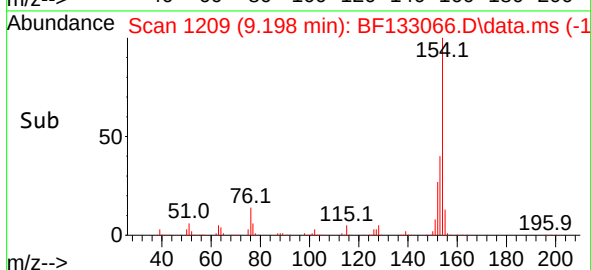
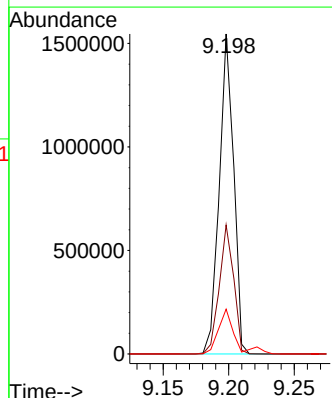
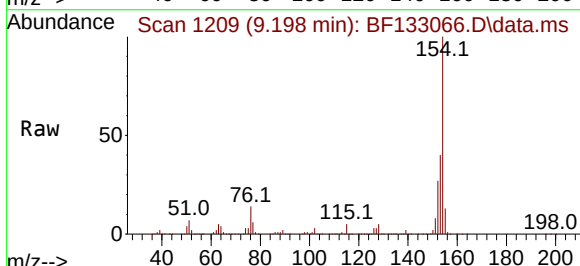
Tgt Ion:154 Resp: 1174274

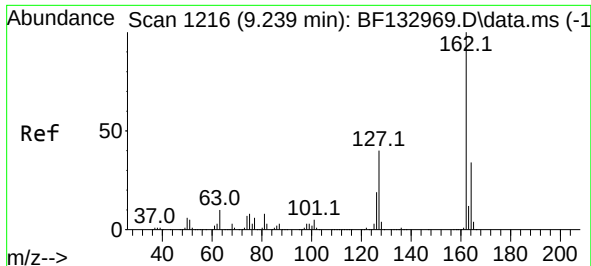
Ion Ratio Lower Upper

154 100

153 40.3 21.0 61.0

76 14.0 0.0 34.5





#47

2-Chloronaphthalene

Concen: 37.111 ng

RT: 9.222 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

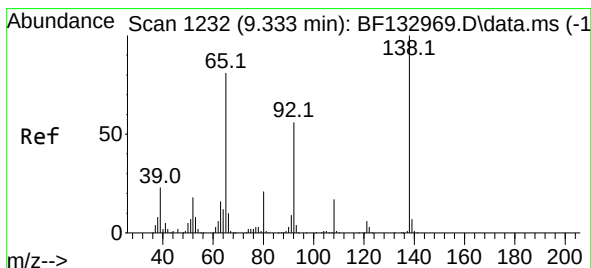
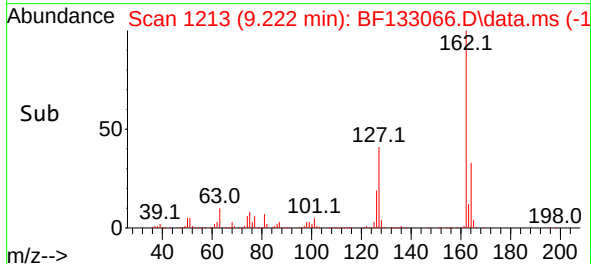
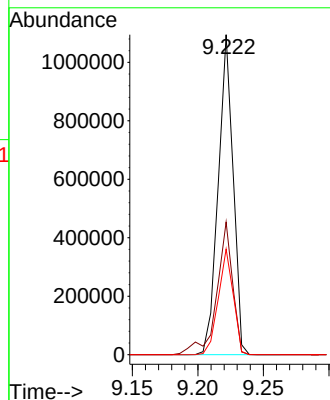
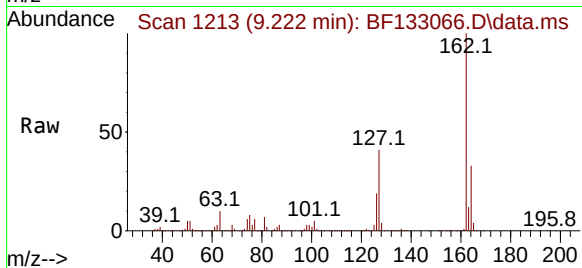
Tgt Ion:162 Resp: 863482

Ion Ratio Lower Upper

162 100

127 41.4 32.3 48.5

164 33.0 26.8 40.2



#48

2-Nitroaniline

Concen: 37.822 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

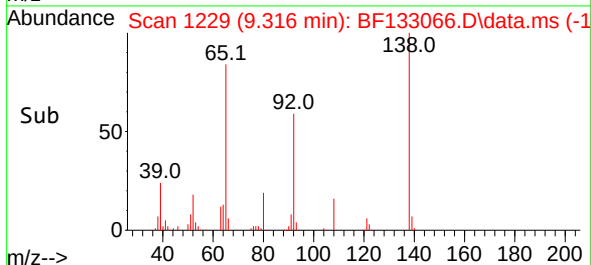
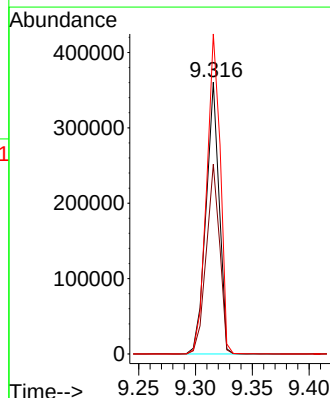
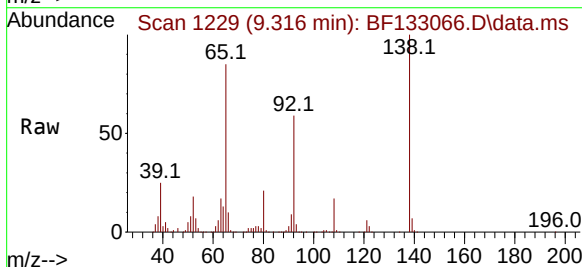
Tgt Ion: 65 Resp: 290845

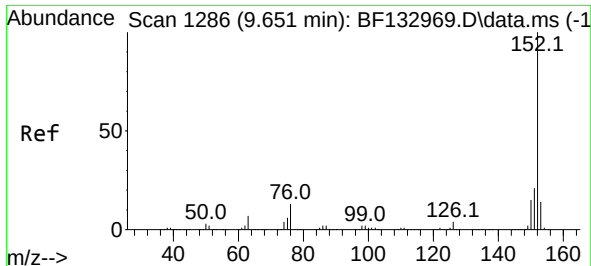
Ion Ratio Lower Upper

65 100

92 69.8 55.4 83.0

138 117.7 98.2 147.2





#49

Acenaphthylene

Concen: 37.839 ng

RT: 9.633 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

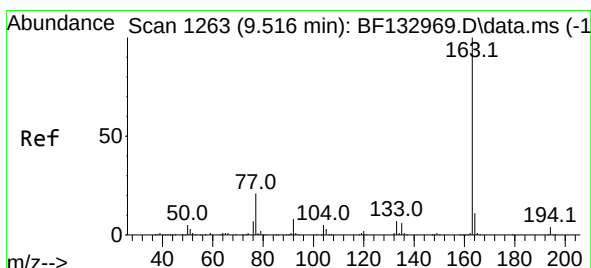
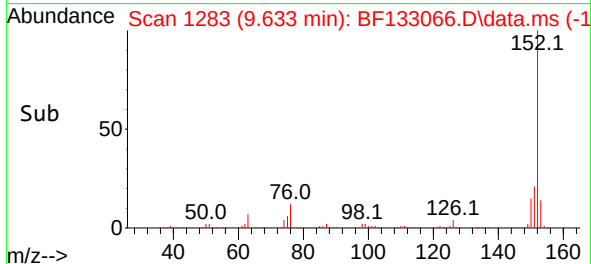
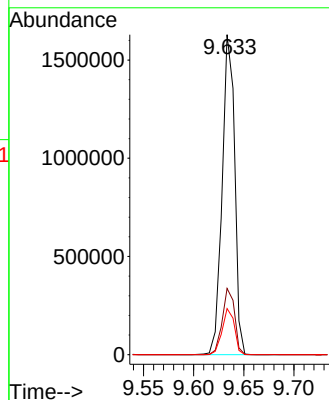
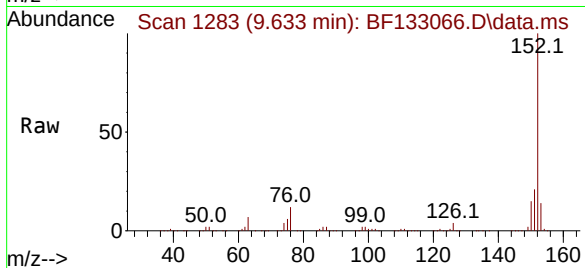
Tgt Ion:152 Resp: 1406806

Ion Ratio Lower Upper

152 100

151 20.7 16.6 24.8

153 14.4 11.5 17.3



#50

Dimethylphthalate

Concen: 37.770 ng

RT: 9.504 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

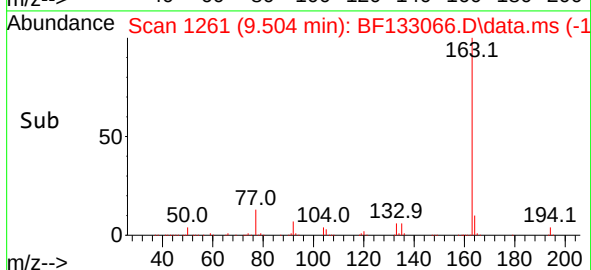
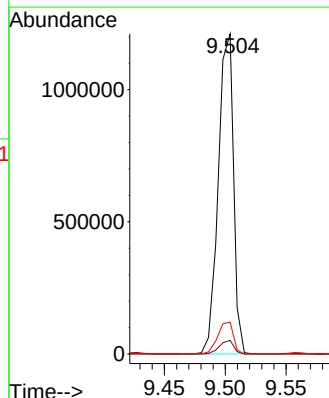
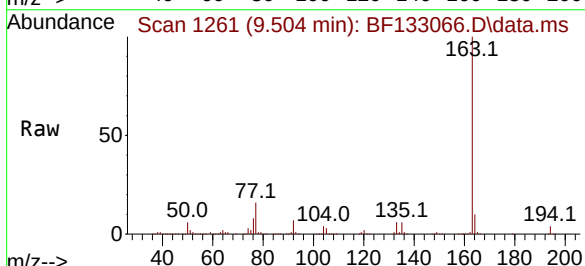
Tgt Ion:163 Resp: 1055827

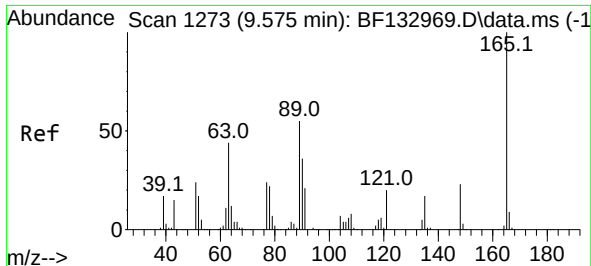
Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

164 9.9 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 39.031 ng

RT: 9.557 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

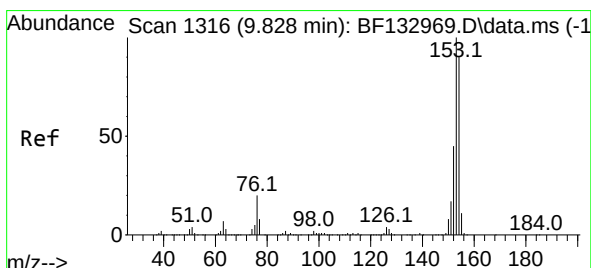
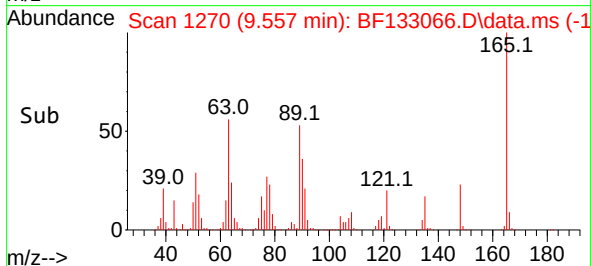
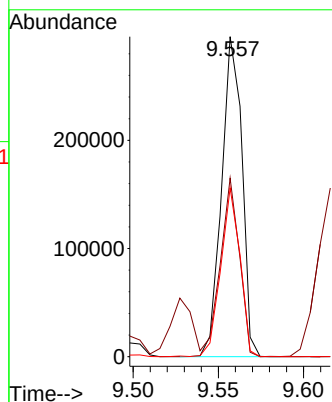
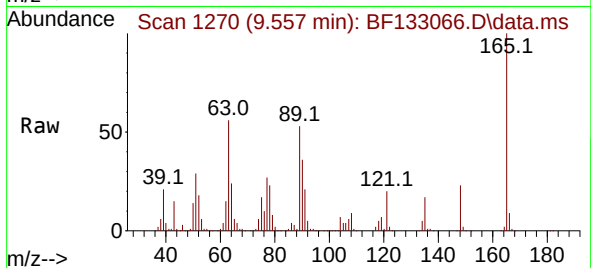
Tgt Ion:165 Resp: 245573

Ion Ratio Lower Upper

165 100

63 55.8 45.9 68.9

89 52.8 44.0 66.0



#52

Acenaphthene

Concen: 37.961 ng

RT: 9.810 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

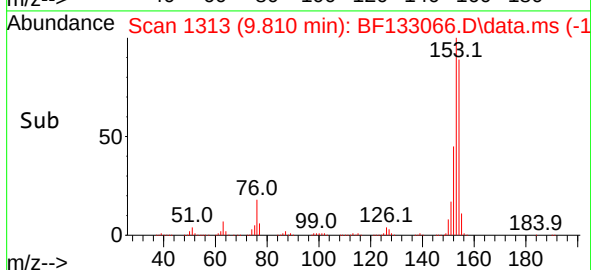
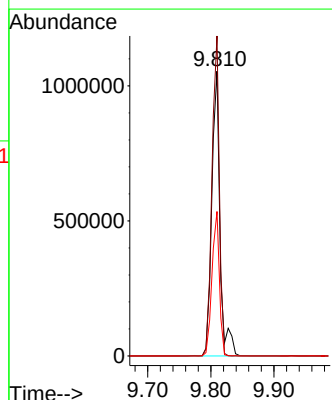
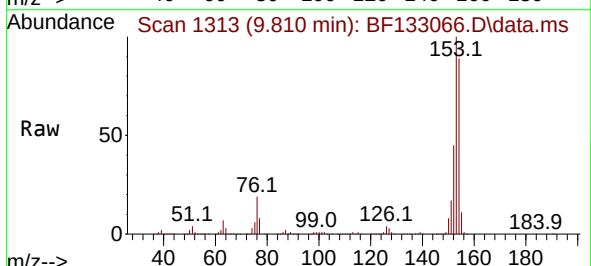
Tgt Ion:154 Resp: 945244

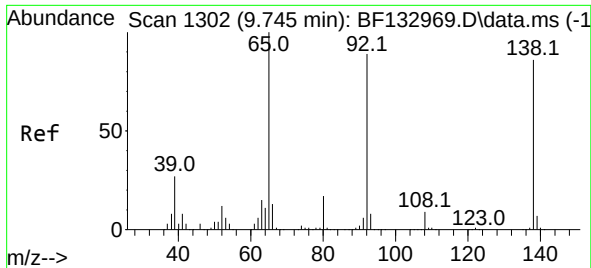
Ion Ratio Lower Upper

154 100

153 112.4 89.0 133.6

152 50.8 40.4 60.6

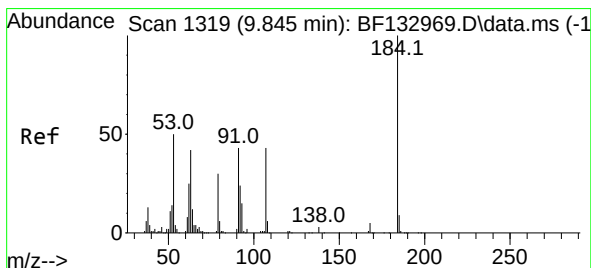
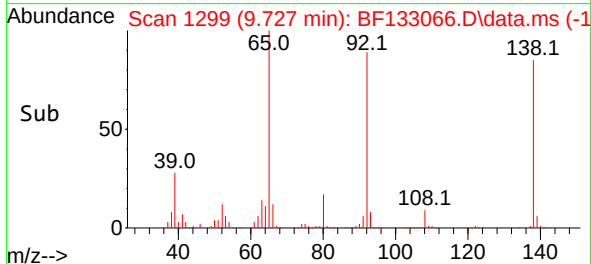
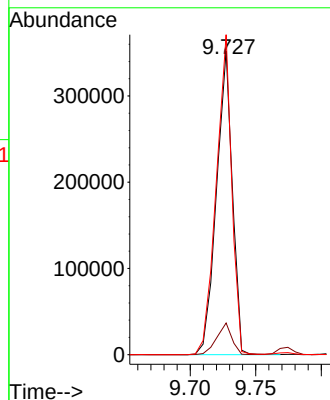
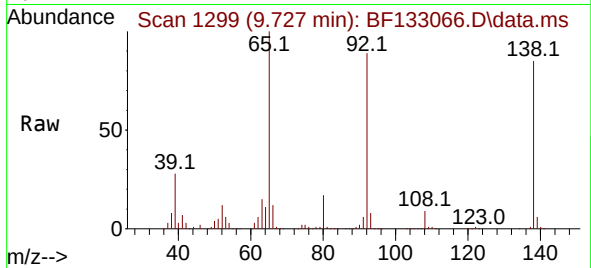




#53
3-Nitroaniline
Concen: 39.542 ng
RT: 9.727 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

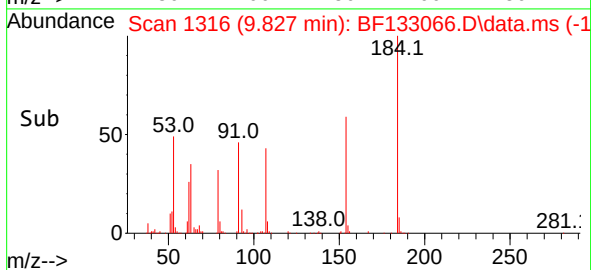
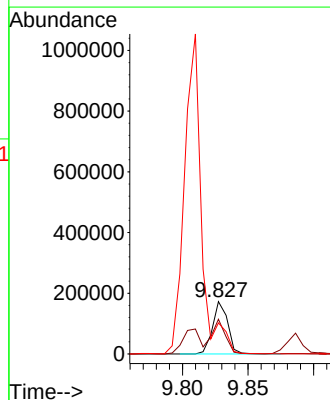
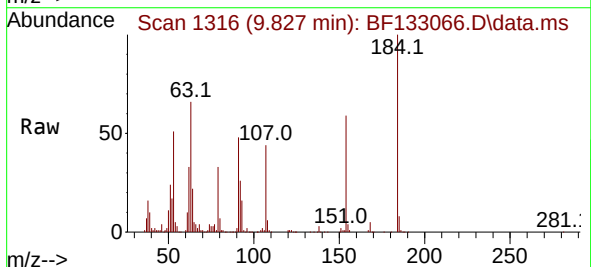
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

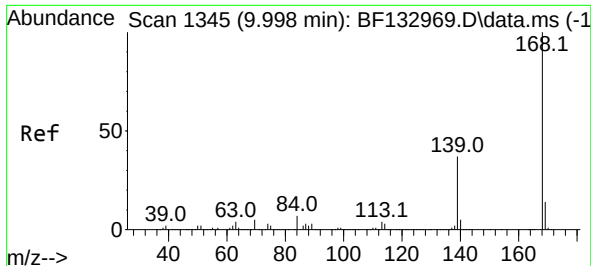
Tgt Ion:138 Resp: 295816
Ion Ratio Lower Upper
138 100
108 10.4 8.0 12.0
92 105.4 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 43.973 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

Tgt Ion:184 Resp: 139065
Ion Ratio Lower Upper
184 100
63 66.2 49.8 74.8
154 59.3 49.5 74.3





#55

Dibenzenofuran

Concen: 37.373 ng

RT: 9.980 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

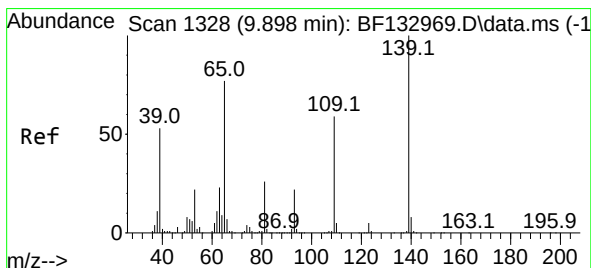
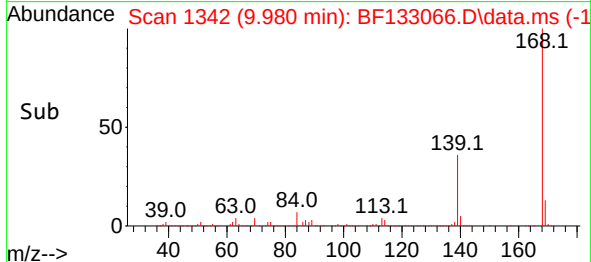
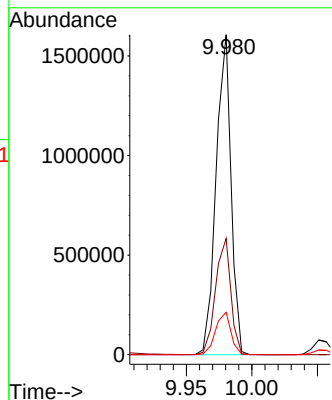
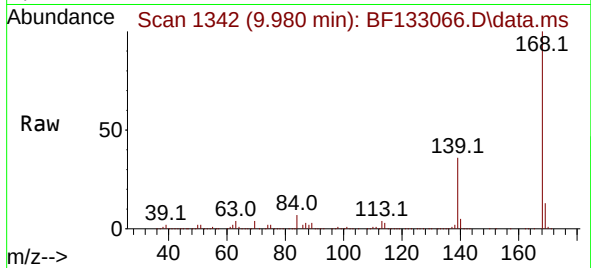
Tgt Ion:168 Resp: 1269431

Ion Ratio Lower Upper

168 100

139 36.3 29.8 44.8

169 13.2 10.8 16.2



#56

4-Nitrophenol

Concen: 39.779 ng

RT: 9.886 min Scan# 1326

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

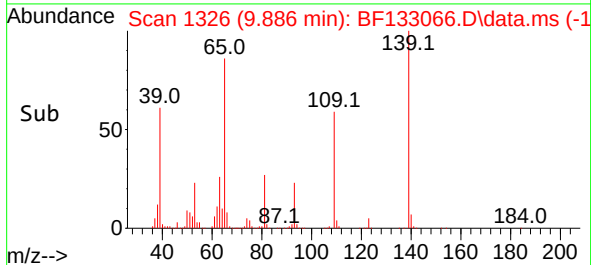
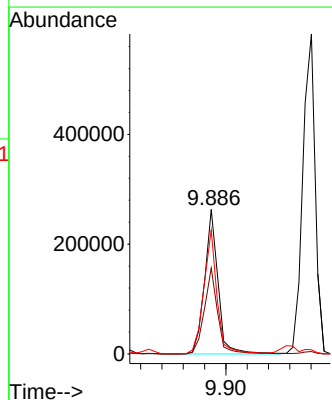
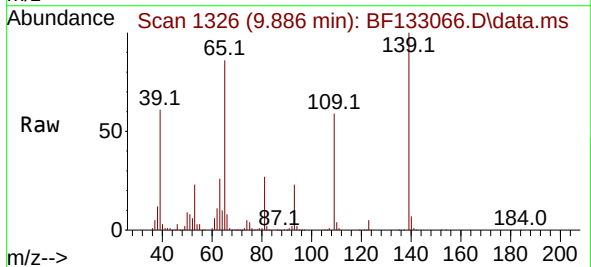
Tgt Ion:139 Resp: 230484

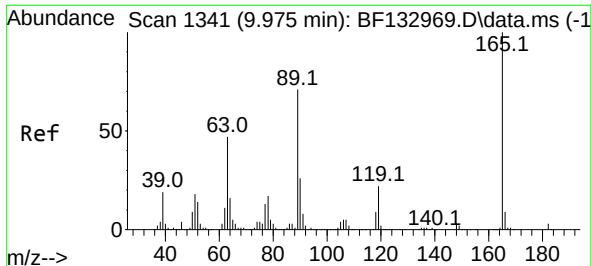
Ion Ratio Lower Upper

139 100

109 59.4 39.4 79.4

65 85.8 57.5 97.5

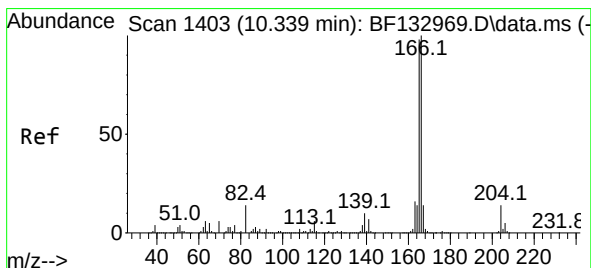
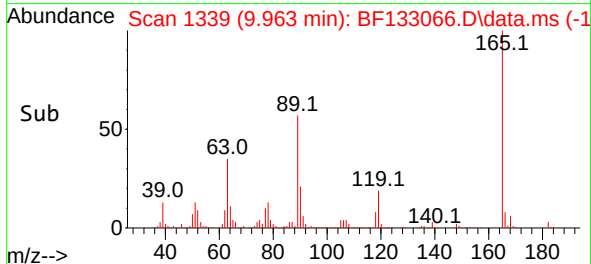
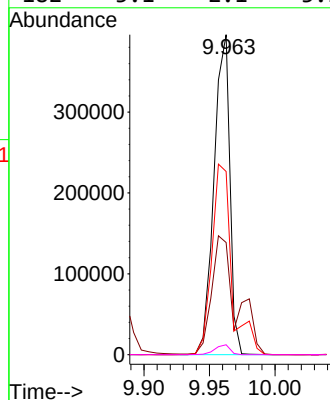
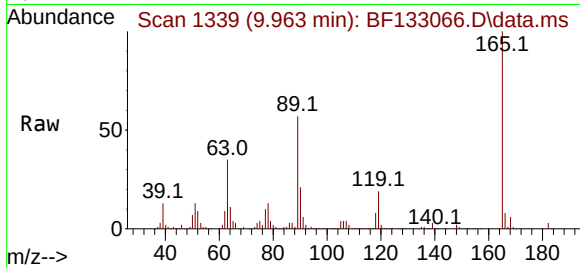




#57
2,4-Dinitrotoluene
Concen: 41.384 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

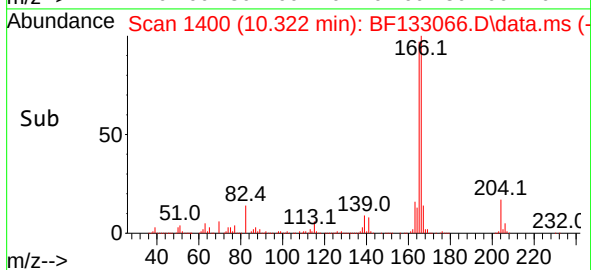
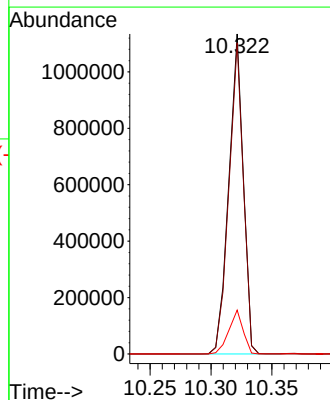
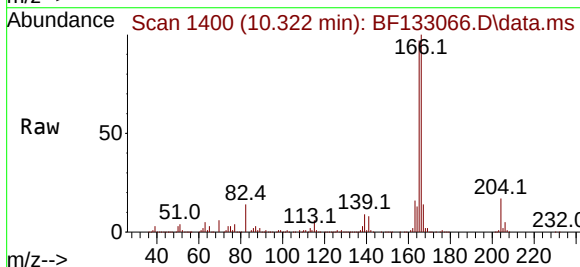
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

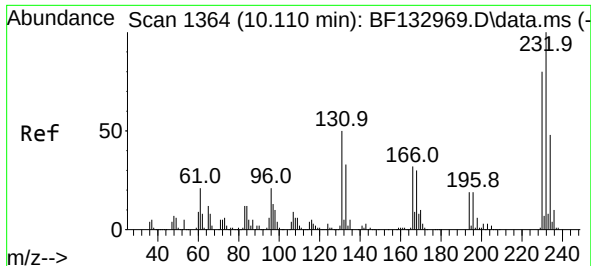
Tgt Ion:165 Resp: 332052
Ion Ratio Lower Upper
165 100
63 35.1 37.7 56.5#
89 57.3 57.0 85.4
182 3.1 2.1 3.1



#58
Fluorene
Concen: 37.666 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

Tgt Ion:166 Resp: 937323
Ion Ratio Lower Upper
166 100
165 97.2 78.6 117.8
167 13.7 11.0 16.4

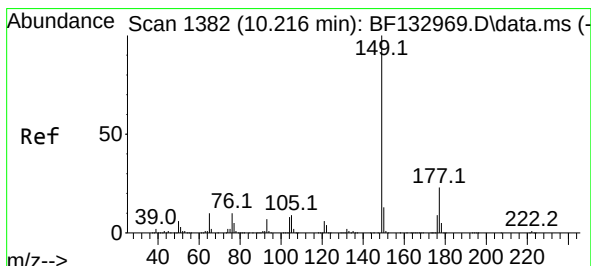
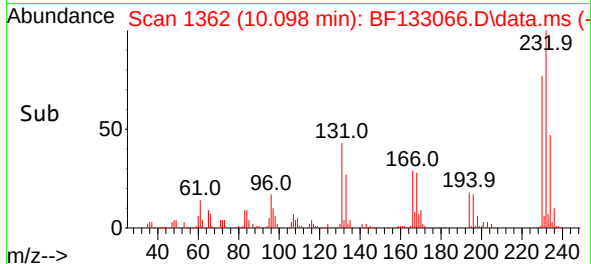
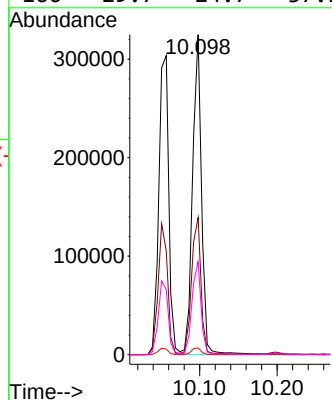
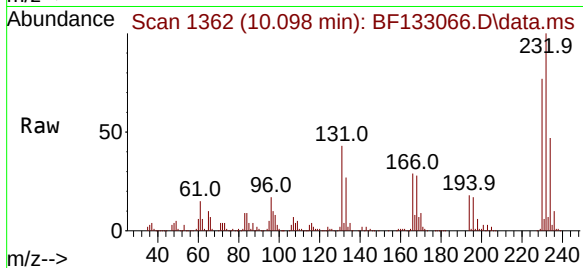




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.920 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

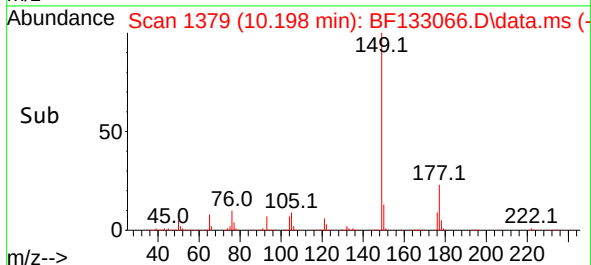
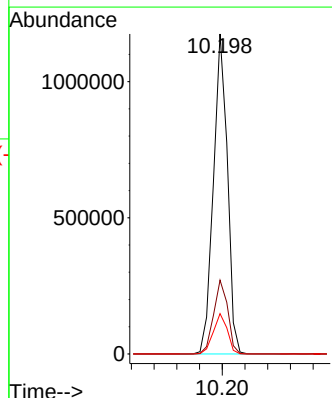
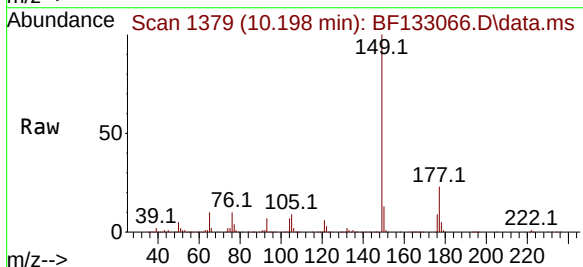
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

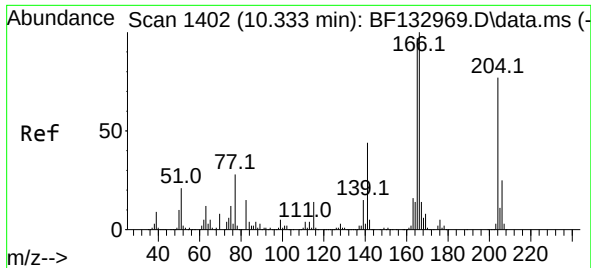
Tgt Ion:232 Resp: 260129
Ion Ratio Lower Upper
232 100
131 45.1 38.0 57.0
130 2.3 1.8 2.8
166 29.7 24.7 37.1



#60
Diethylphthalate
Concen: 37.993 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

Tgt Ion:149 Resp: 1003181
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.4
150 12.6 10.2 15.4

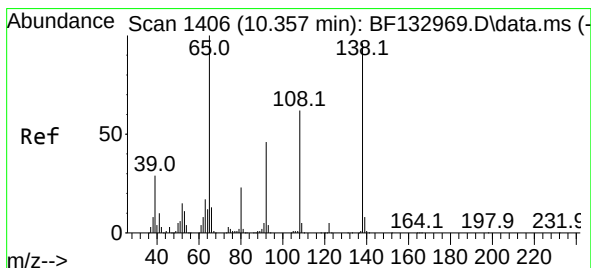
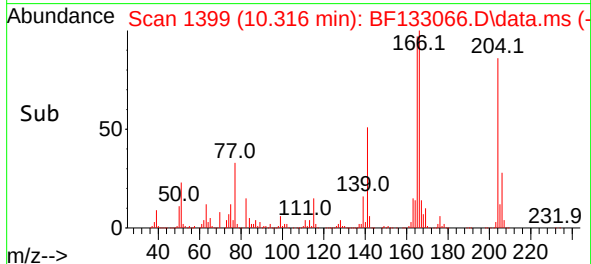
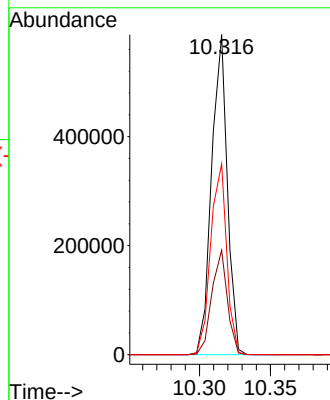
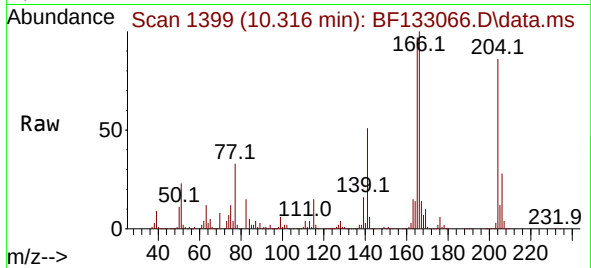




#61
4-Chlorophenyl-phenylether
Concen: 37.430 ng
RT: 10.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

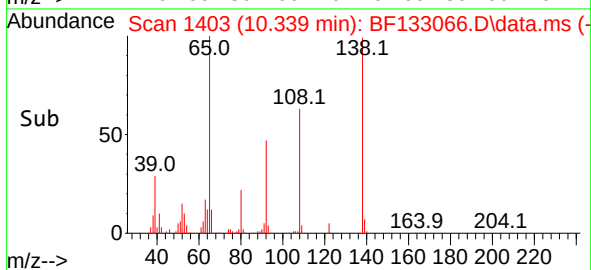
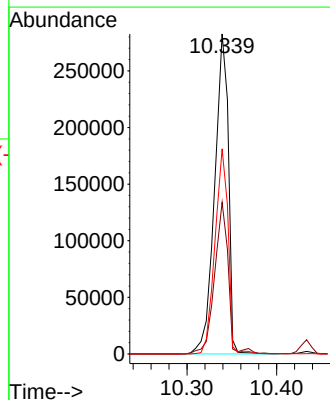
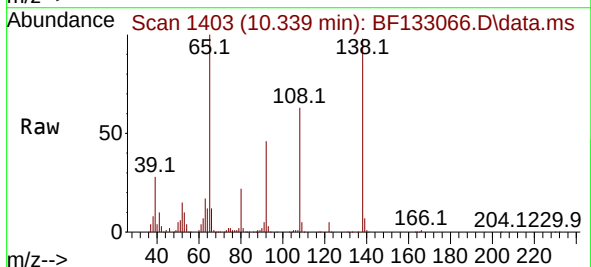
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

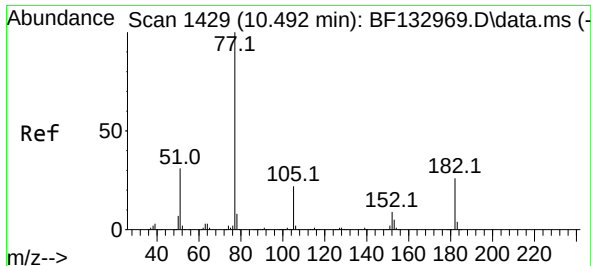
Tgt Ion:204 Resp: 453920
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 59.6 46.1 69.1



#62
4-Nitroaniline
Concen: 43.751 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

Tgt Ion:138 Resp: 300822
Ion Ratio Lower Upper
138 100
92 47.4 27.7 67.7
108 64.1 45.2 85.2

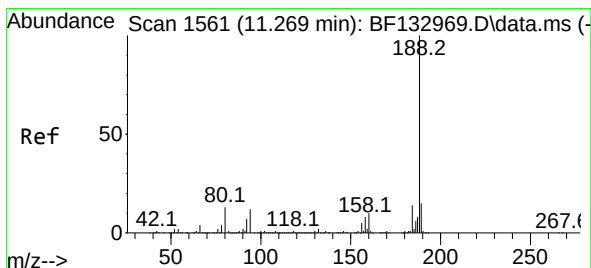
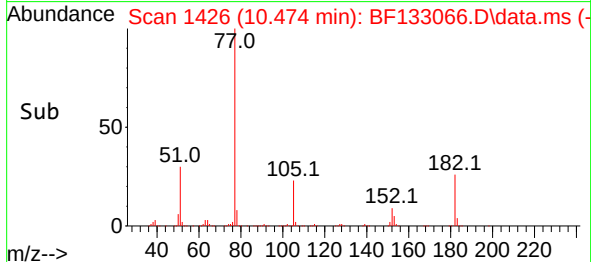
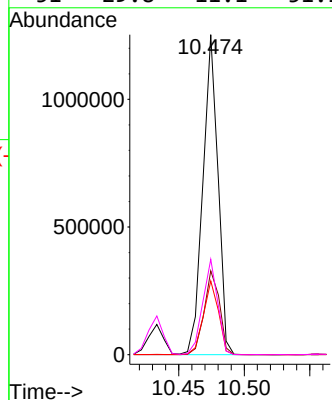
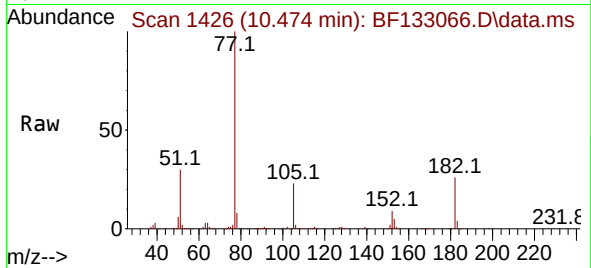




#63
Azobenzene
Concen: 35.828 ng
RT: 10.474 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

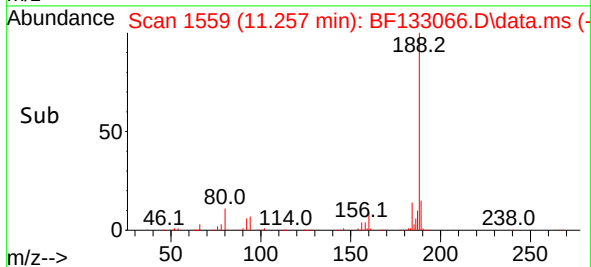
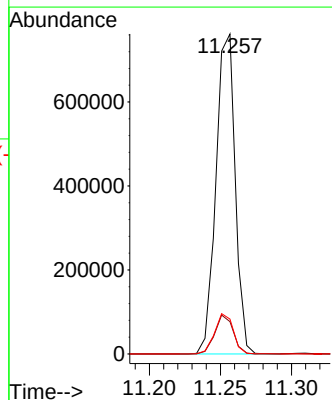
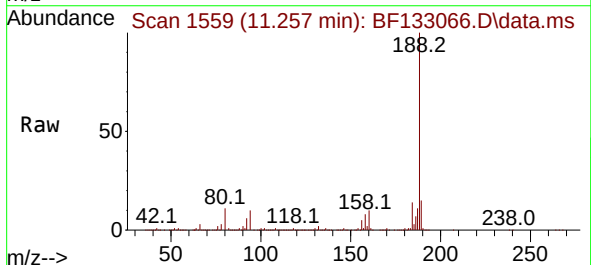
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

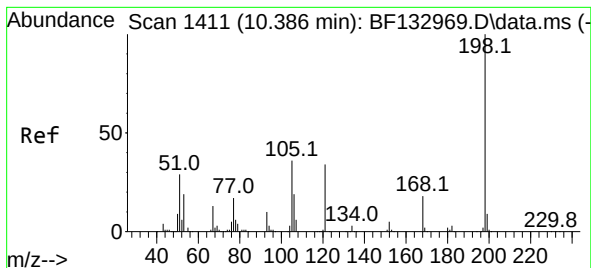
Tgt Ion: 77 Resp: 1002147
Ion Ratio Lower Upper
77 100
182 26.2 5.9 45.9
105 23.1 2.3 42.3
51 29.8 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

Tgt Ion: 188 Resp: 718901
Ion Ratio Lower Upper
188 100
94 10.1 9.7 14.5
80 10.9 10.4 15.6

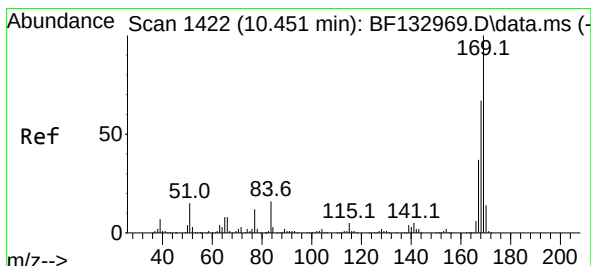
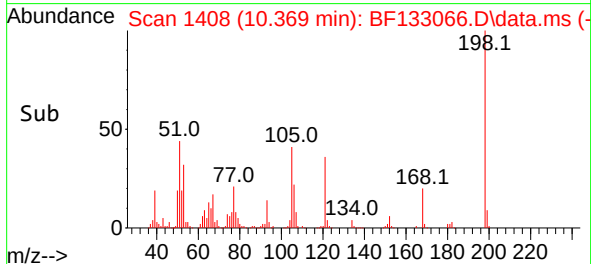
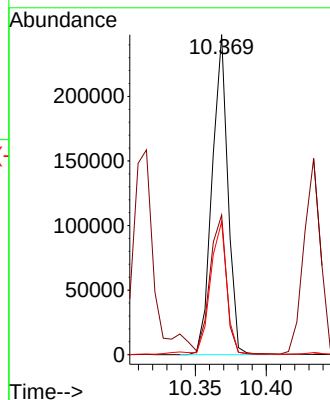
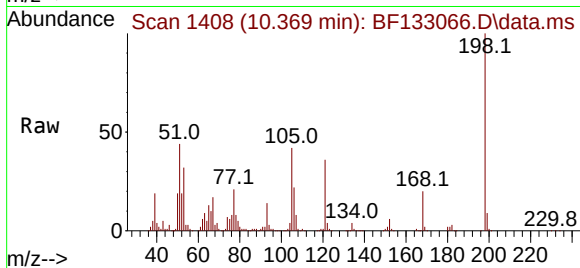




#65
4,6-Dinitro-2-methylphenol
Concen: 43.755 ng
RT: 10.369 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

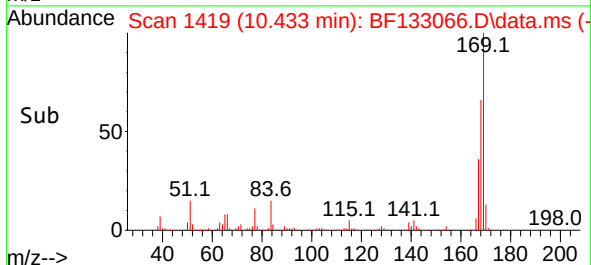
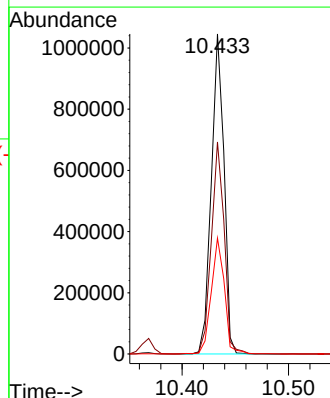
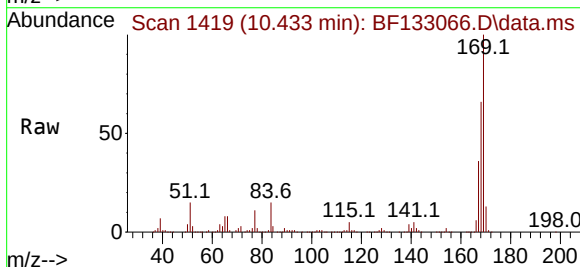
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

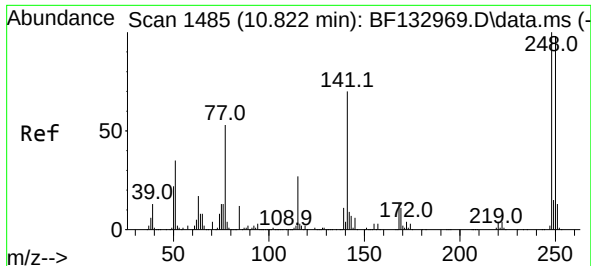
Tgt Ion:198 Resp: 190660
Ion Ratio Lower Upper
198 100
51 43.7 15.5 55.5
105 41.5 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 37.001 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

Tgt Ion:169 Resp: 862845
Ion Ratio Lower Upper
169 100
168 66.2 53.8 80.8
167 36.2 29.7 44.5





#67

4-Bromophenyl-phenylether

Concen: 37.382 ng

RT: 10.804 min Scan# 1482

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

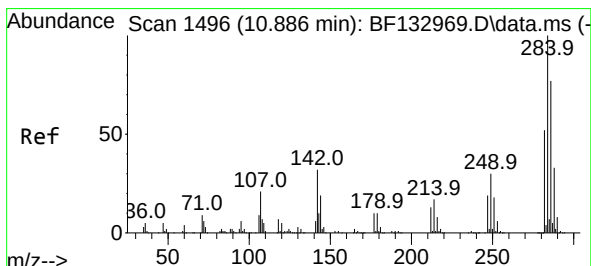
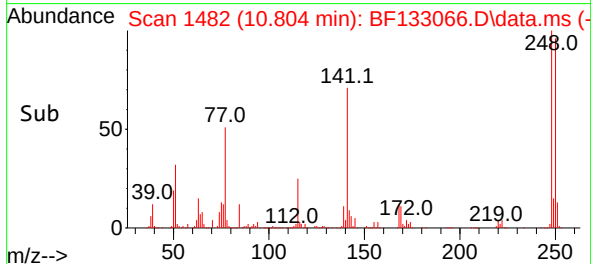
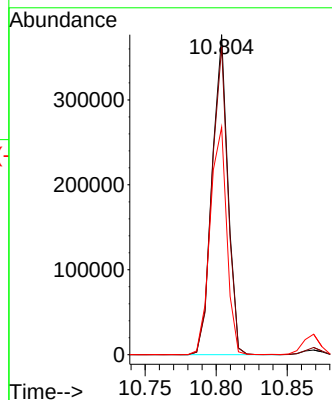
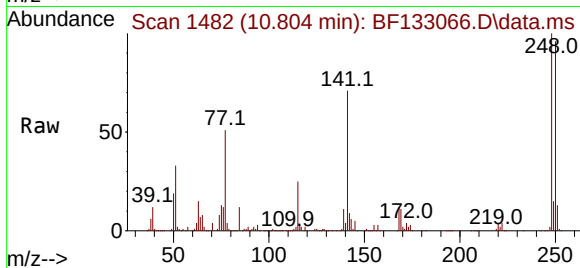
Tgt Ion:248 Resp: 291460

Ion Ratio Lower Upper

248 100

250 96.2 78.7 118.1

141 71.1 56.3 84.5



#68

Hexachlorobenzene

Concen: 37.749 ng

RT: 10.869 min Scan# 1493

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

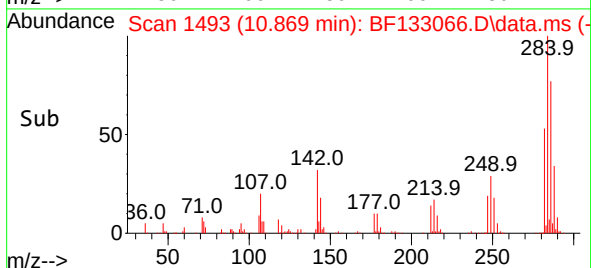
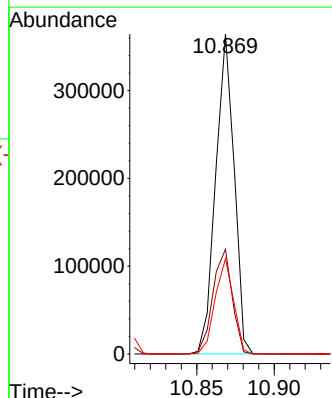
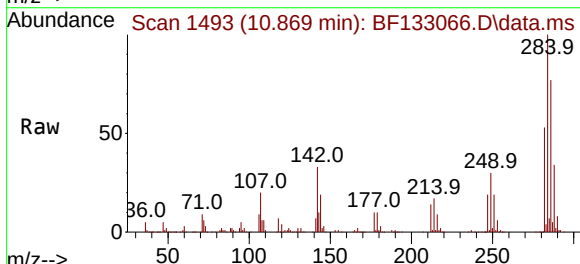
Tgt Ion:284 Resp: 301593

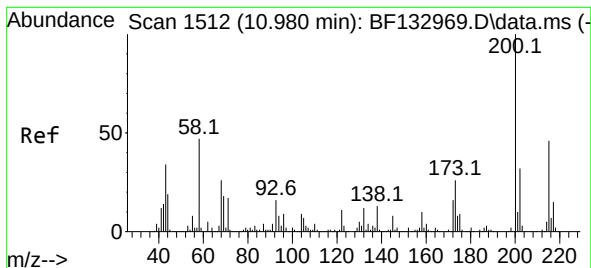
Ion Ratio Lower Upper

284 100

142 32.8 26.0 39.0

249 29.7 23.7 35.5





#69

Atrazine

Concen: 39.291 ng

RT: 10.963 min Scan# 1509

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

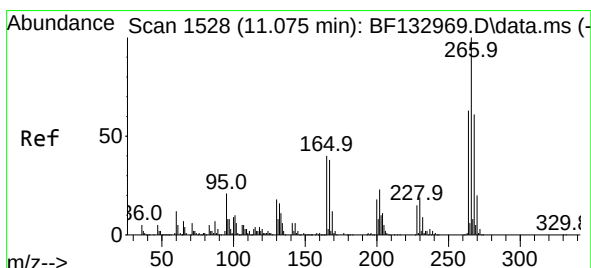
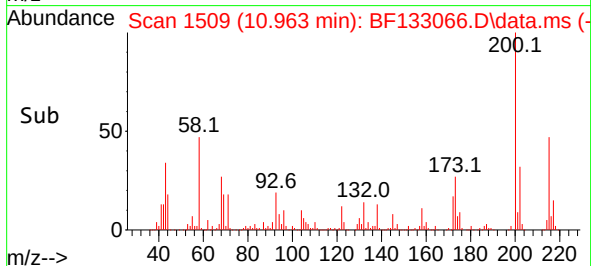
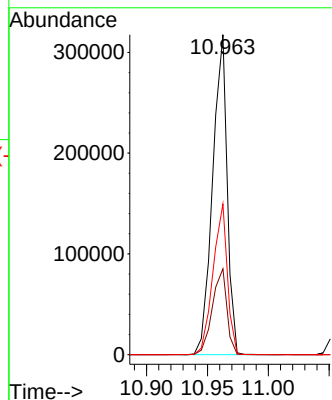
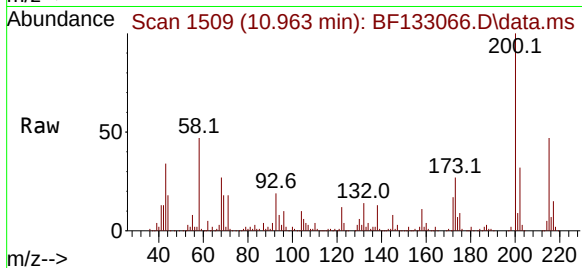
Tgt Ion:200 Resp: 264009

Ion Ratio Lower Upper

200 100

173 26.8 6.2 46.2

215 47.1 26.3 66.3



#70

Pentachlorophenol

Concen: 38.863 ng

RT: 11.063 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

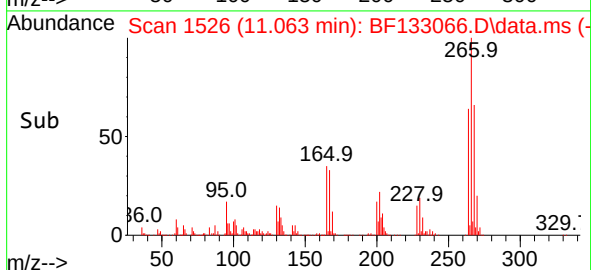
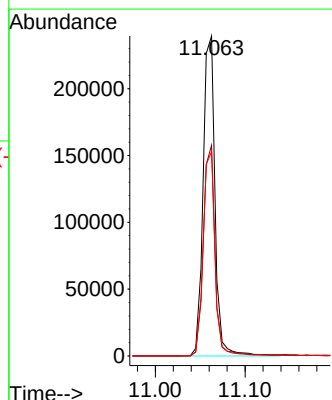
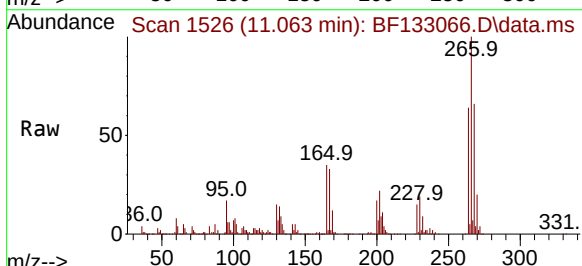
Tgt Ion:266 Resp: 221129

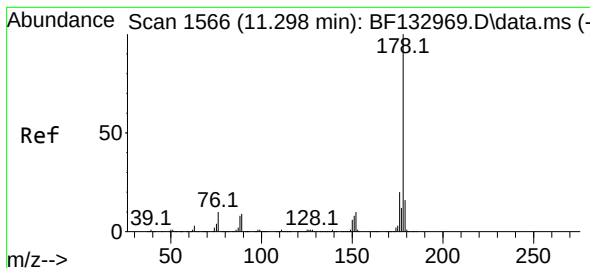
Ion Ratio Lower Upper

266 100

268 65.8 48.8 73.2

264 63.8 50.6 76.0





#71

Phenanthrene

Concen: 36.774 ng

RT: 11.280 min Scan# 1566

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

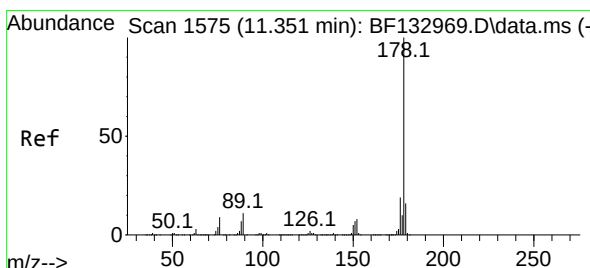
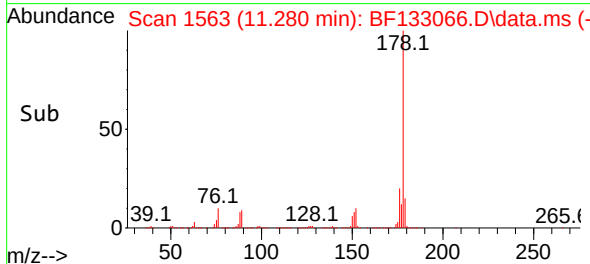
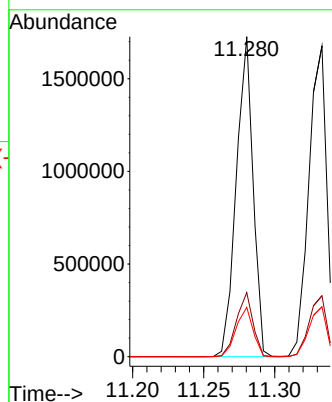
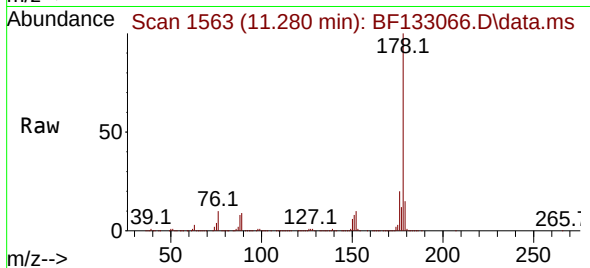
Tgt Ion:178 Resp: 1420901

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

179 15.4 12.5 18.7



#72

Anthracene

Concen: 37.267 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

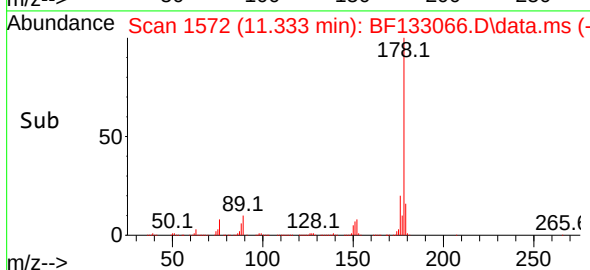
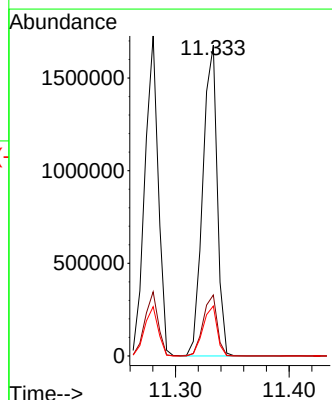
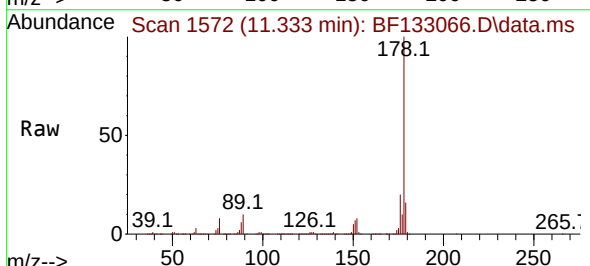
Tgt Ion:178 Resp: 1473647

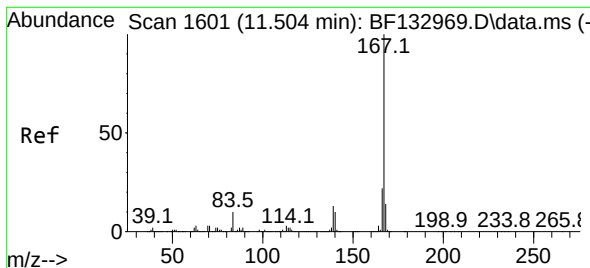
Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

179 16.1 12.4 18.6





#73

Carbazole

Concen: 38.086 ng

RT: 11.486 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

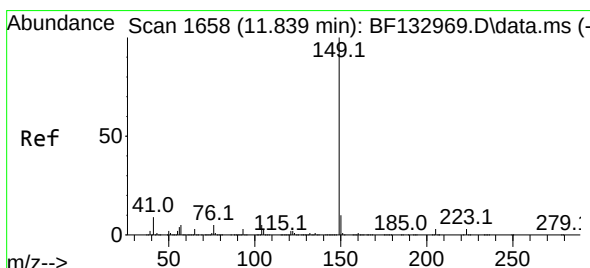
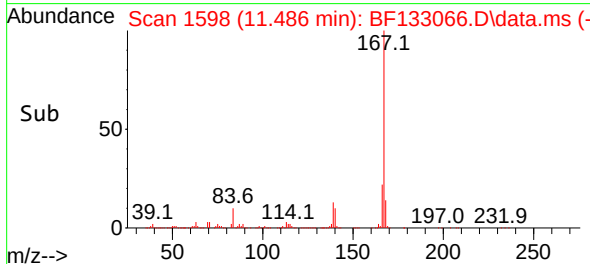
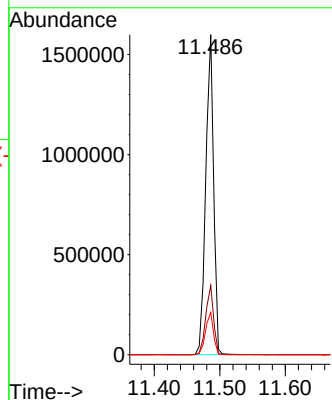
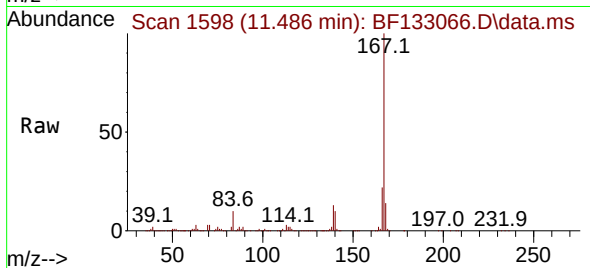
Tgt Ion:167 Resp: 1341011

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

139 13.2 10.6 16.0



#74

Di-n-butylphthalate

Concen: 39.749 ng

RT: 11.821 min Scan# 1655

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

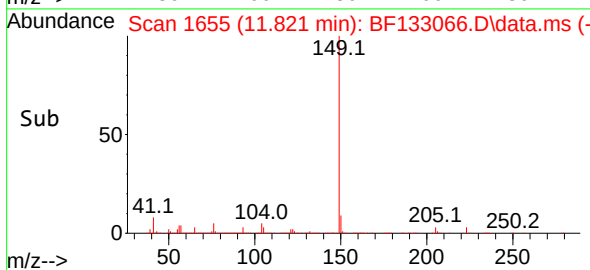
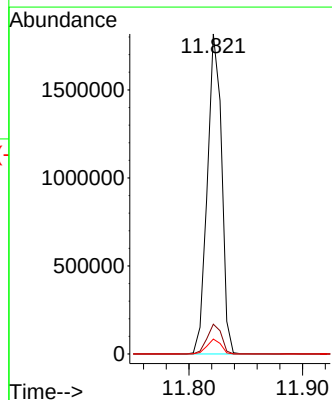
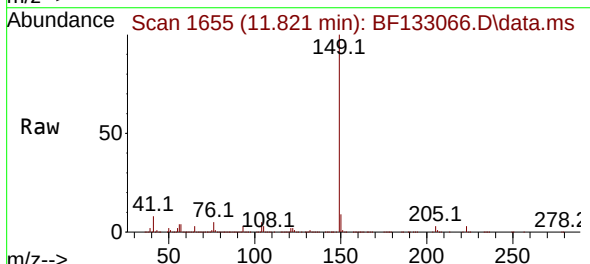
Tgt Ion:149 Resp: 1583806

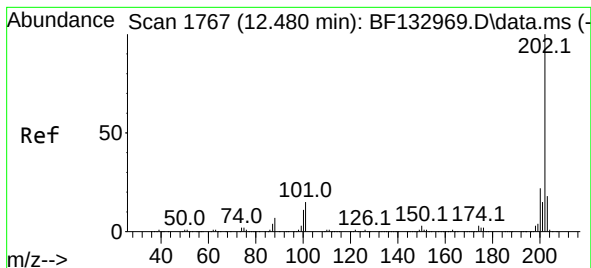
Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

104 4.6 4.0 6.0





#75

Fluoranthene

Concen: 38.620 ng

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

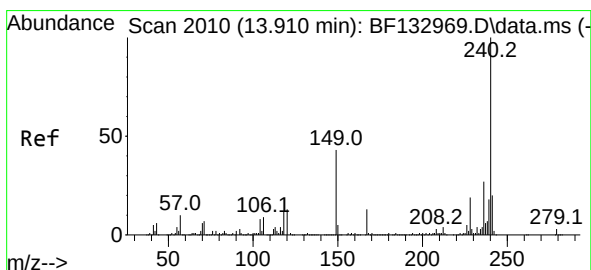
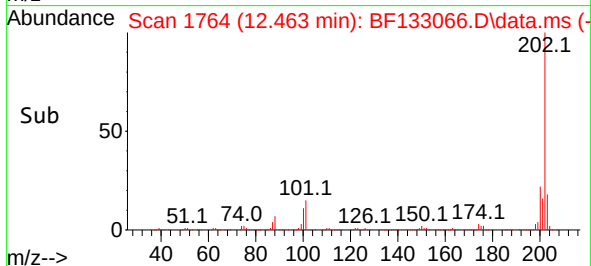
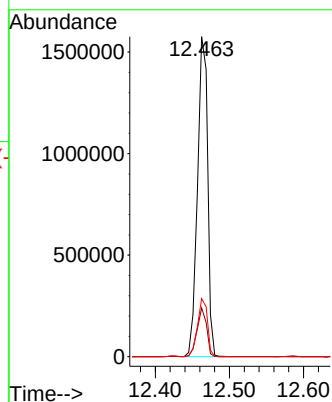
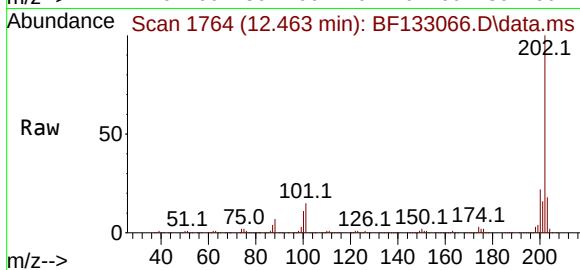
Tgt Ion:202 Resp: 1497632

Ion Ratio Lower Upper

202 100

101 15.3 0.0 35.3

203 18.1 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.892 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

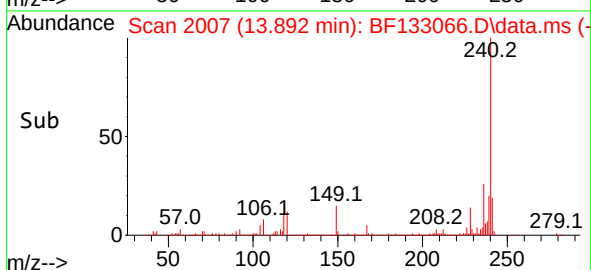
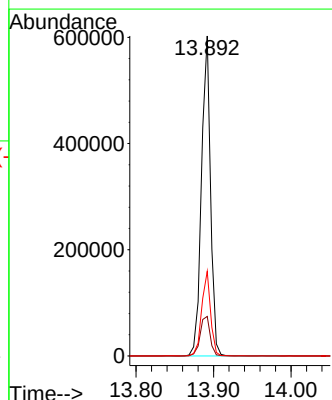
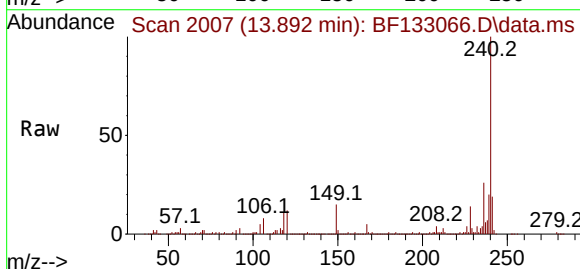
Tgt Ion:240 Resp: 489064

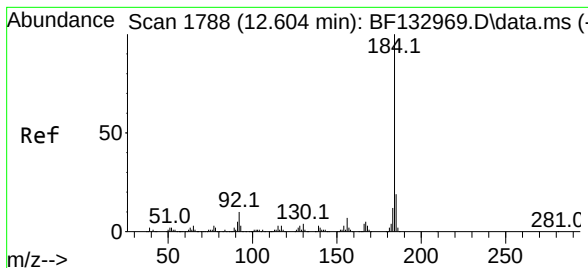
Ion Ratio Lower Upper

240 100

120 12.3 10.5 15.7

236 26.5 21.5 32.3





#77

Benzidine

Concen: 53.795 ng

RT: 12.586 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

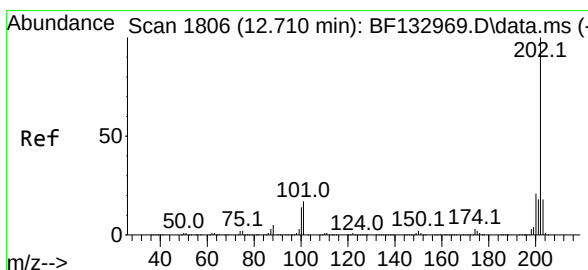
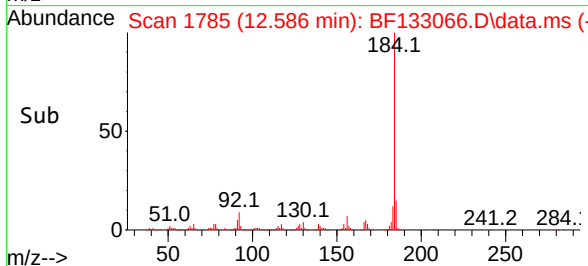
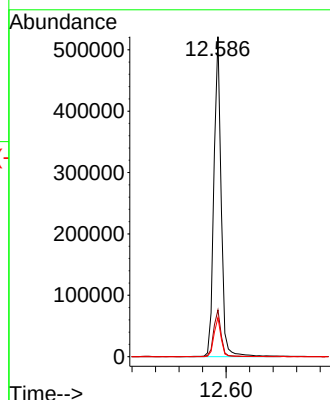
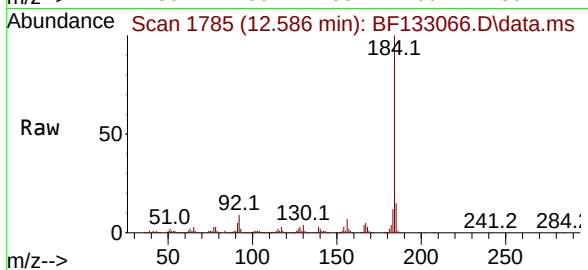
Tgt Ion:184 Resp: 444903

Ion Ratio Lower Upper

184 100

185 14.6 15.4 23.2#

183 12.2 9.4 14.0



#78

Pyrene

Concen: 36.872 ng

RT: 12.692 min Scan# 1803

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

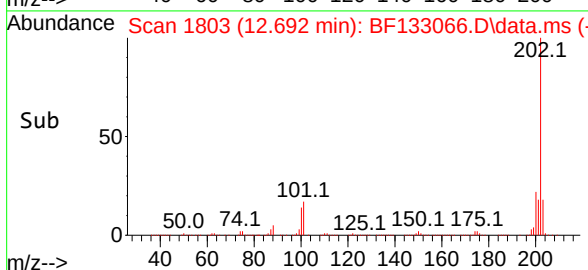
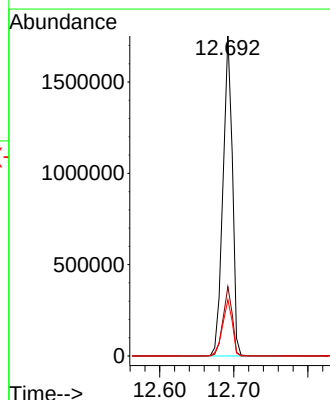
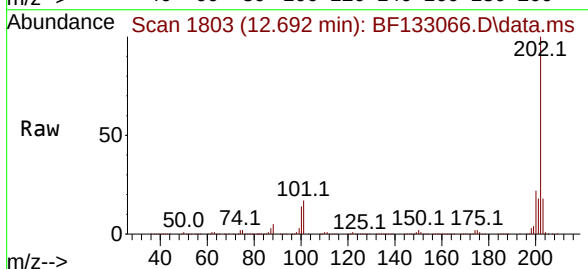
Tgt Ion:202 Resp: 1545820

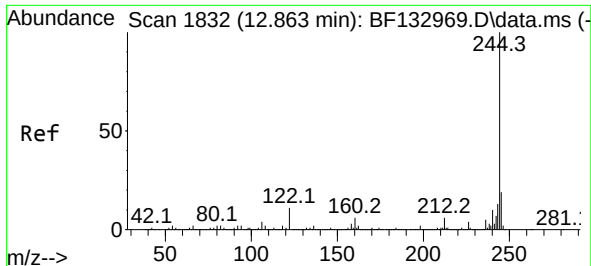
Ion Ratio Lower Upper

202 100

200 21.6 17.1 25.7

203 17.6 14.1 21.1

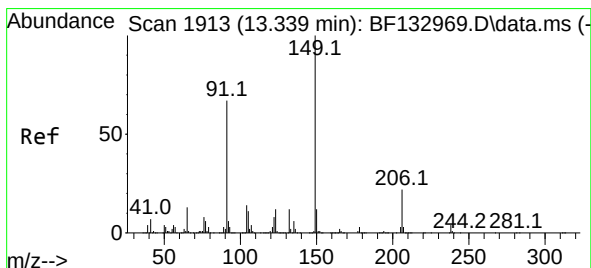
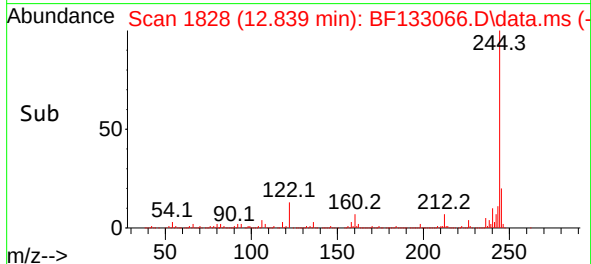
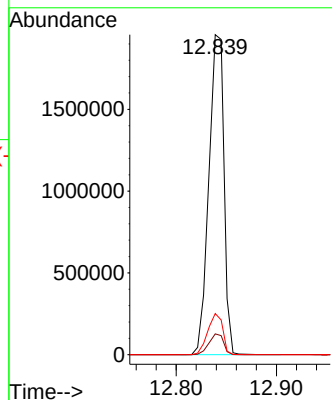
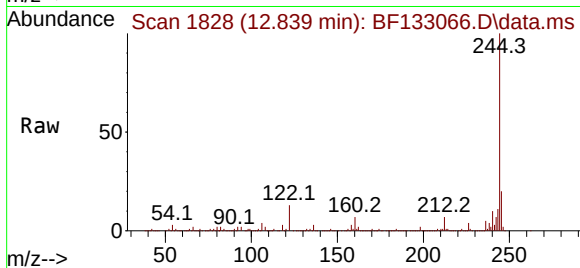




#79
 Terphenyl-d14
 Concen: 72.582 ng
 RT: 12.839 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133066.D
 Acq: 26 Apr 2023 15:54

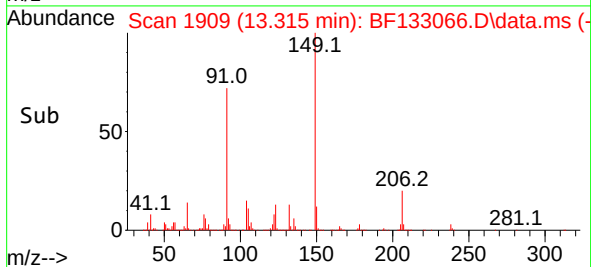
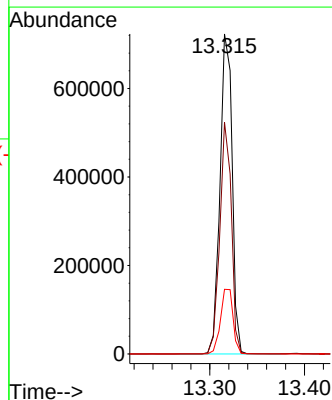
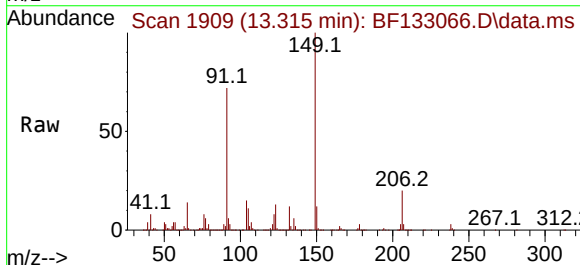
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

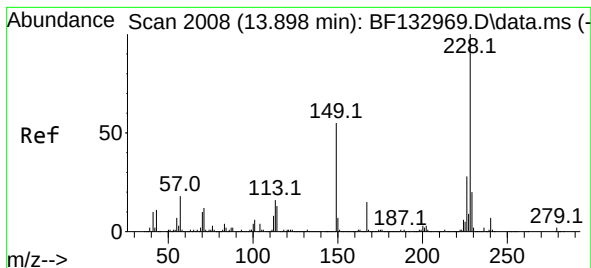
Tgt Ion:244 Resp: 2058201
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 12.9 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 43.393 ng
 RT: 13.315 min Scan# 1909
 Delta R.T. 0.000 min
 Lab File: BF133066.D
 Acq: 26 Apr 2023 15:54

Tgt Ion:149 Resp: 644129
 Ion Ratio Lower Upper
 149 100
 91 72.4 53.8 80.6
 206 20.2 17.5 26.3





#81

Benzo(a)anthracene

Concen: 36.386 ng

RT: 13.880 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

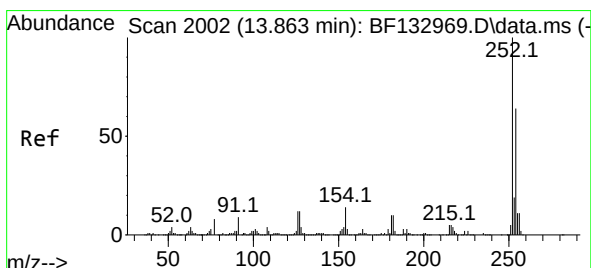
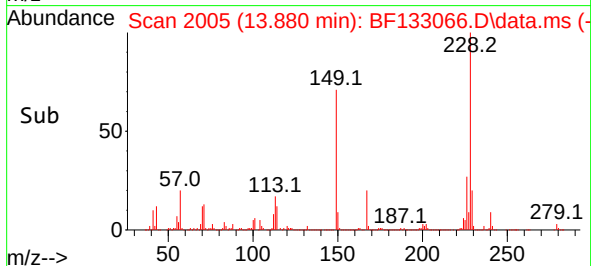
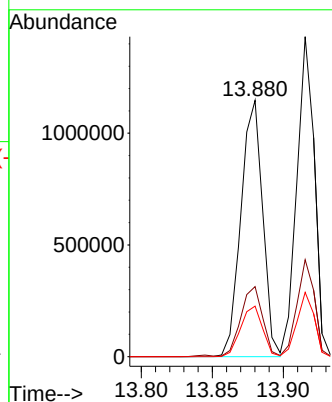
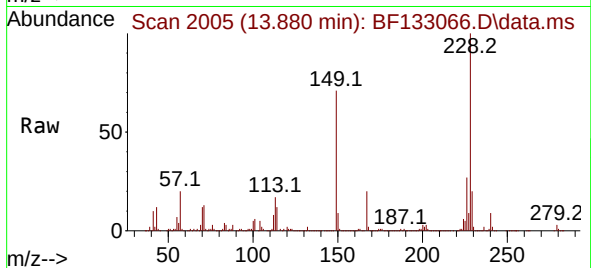
Tgt Ion:228 Resp: 1223727

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.4

229 19.8 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 43.105 ng

RT: 13.845 min Scan# 1999

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

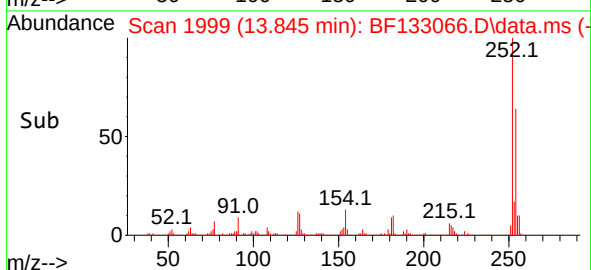
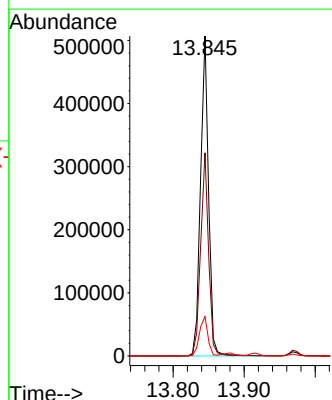
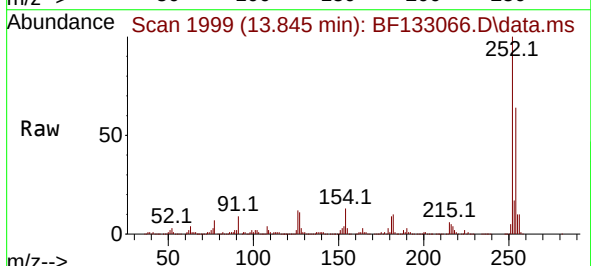
Tgt Ion:252 Resp: 400475

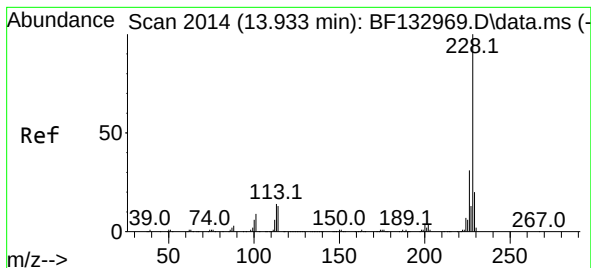
Ion Ratio Lower Upper

252 100

254 63.5 51.5 77.3

126 12.3 9.5 14.3





#83

Chrysene

Concen: 36.645 ng

RT: 13.915 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

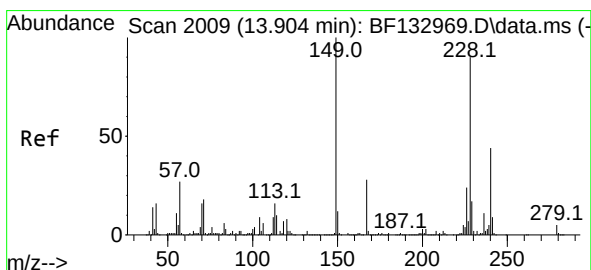
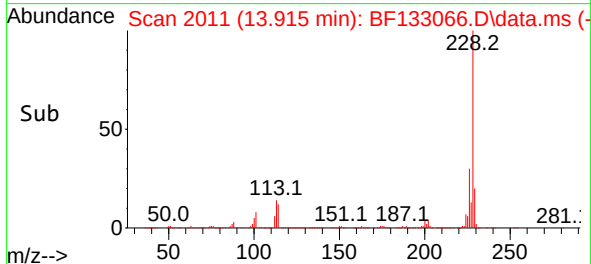
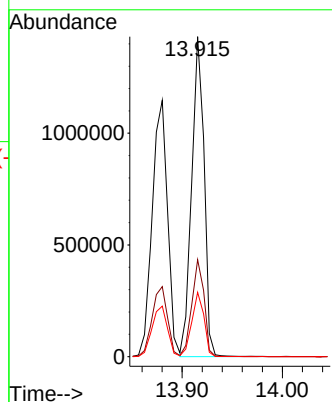
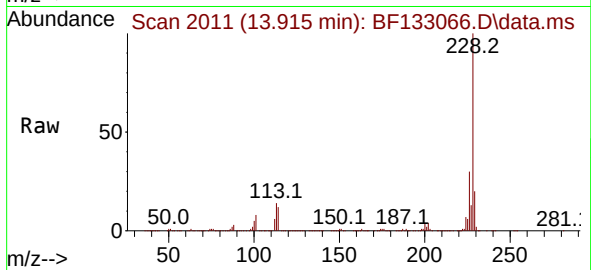
Tgt Ion:228 Resp: 1232106

Ion Ratio Lower Upper

228 100

226 30.3 24.7 37.1

229 20.1 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.992 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

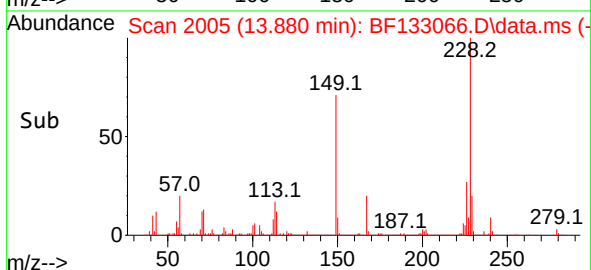
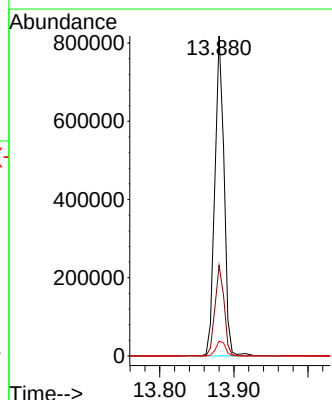
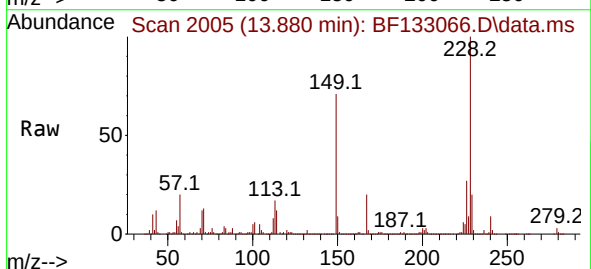
Tgt Ion:149 Resp: 707875

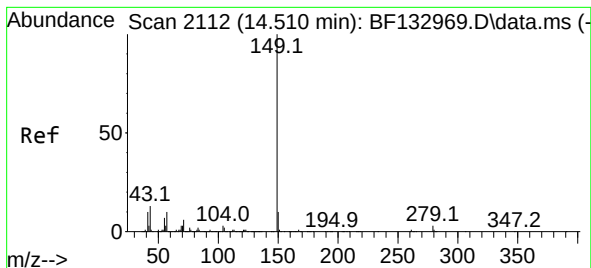
Ion Ratio Lower Upper

149 100

167 28.3 22.5 33.7

279 4.6 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 37.824 ng

RT: 14.492 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

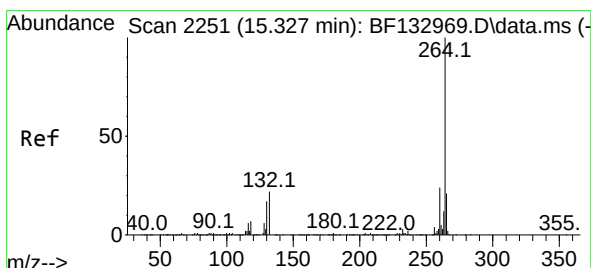
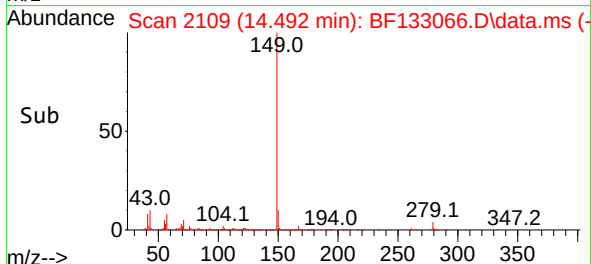
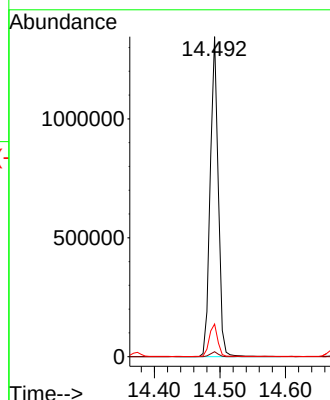
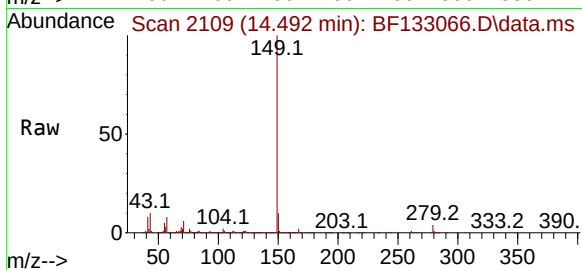
Tgt Ion:149 Resp: 1149131

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.7 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

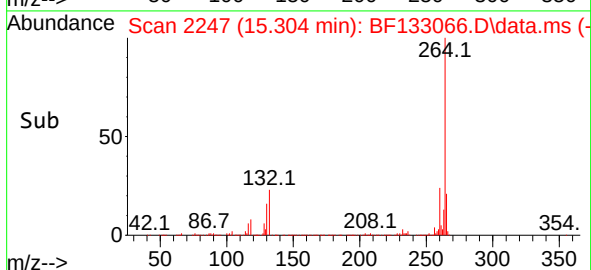
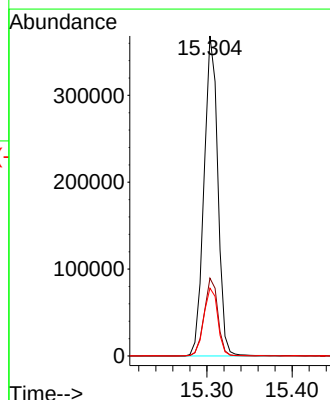
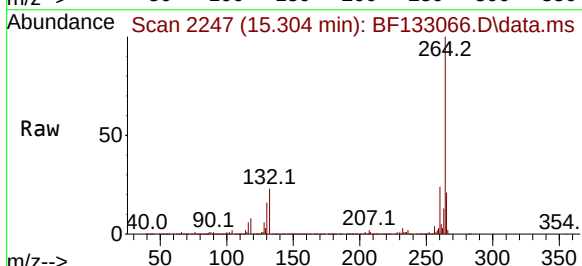
Tgt Ion:264 Resp: 414568

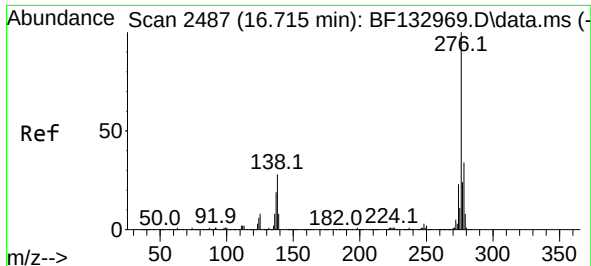
Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 21.2 17.0 25.4

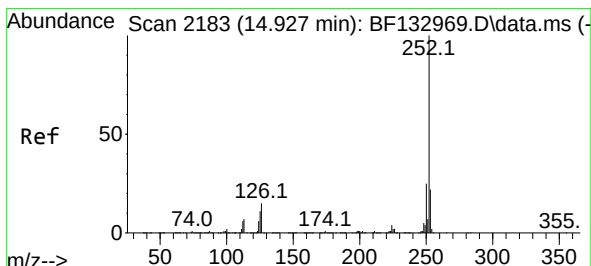
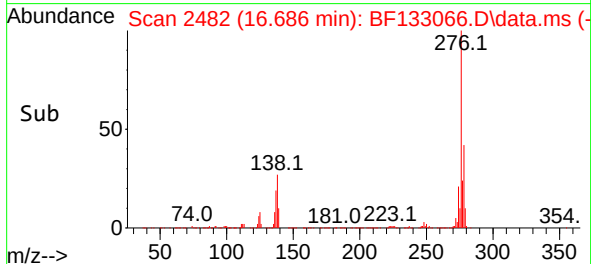
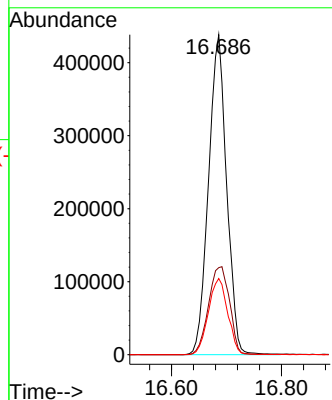
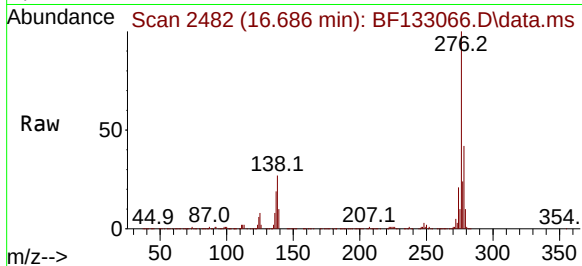




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.491 ng
 RT: 16.686 min Scan# 2487
 Delta R.T. 0.000 min
 Lab File: BF133066.D
 Acq: 26 Apr 2023 15:54

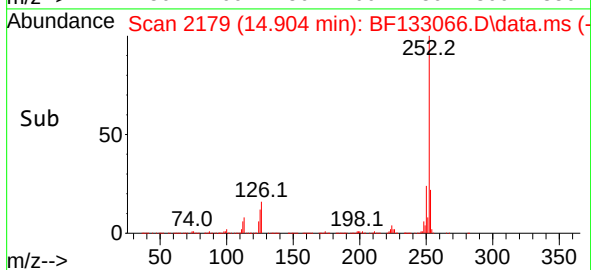
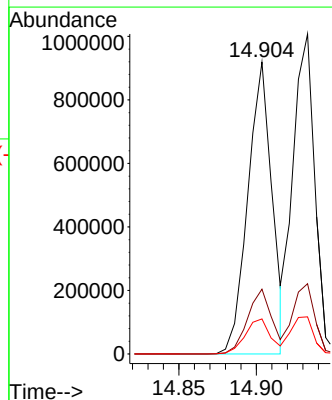
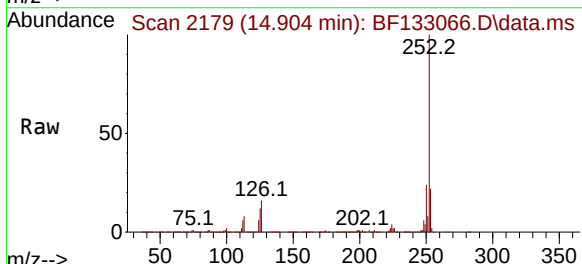
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

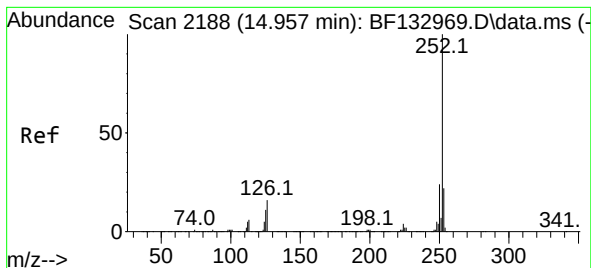
Tgt Ion:276 Resp: 1002009
 Ion Ratio Lower Upper
 276 100
 138 32.0 25.5 38.3
 277 25.5 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 37.843 ng
 RT: 14.904 min Scan# 2179
 Delta R.T. 0.000 min
 Lab File: BF133066.D
 Acq: 26 Apr 2023 15:54

Tgt Ion:252 Resp: 998073
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.6 26.4
 125 12.0 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 37.636 ng

RT: 14.933 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

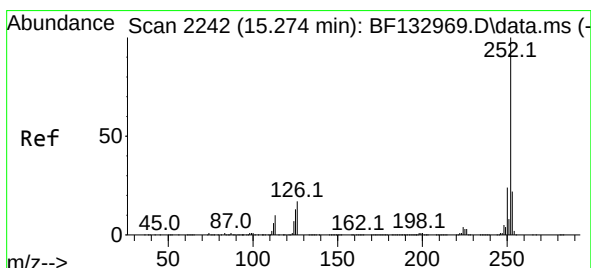
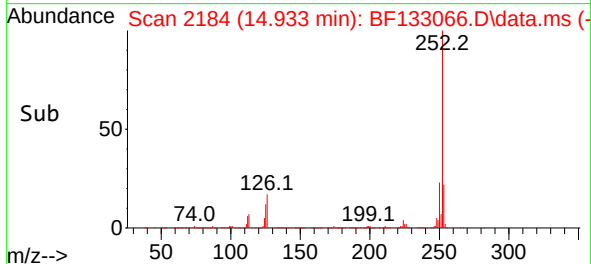
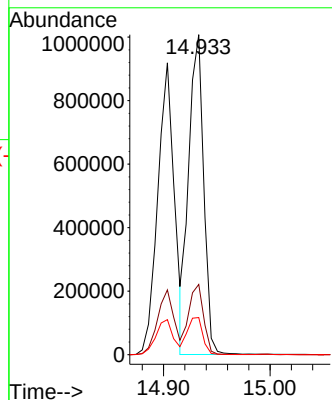
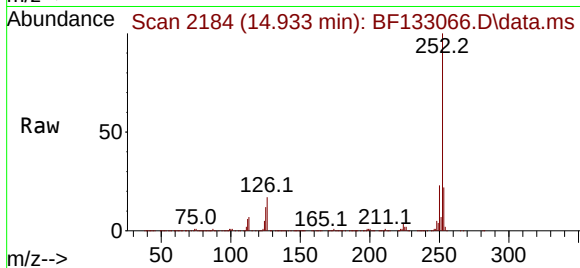
Tgt Ion:252 Resp: 983981

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 11.6 9.0 13.4



#90

Benzo(a)pyrene

Concen: 38.728 ng

RT: 15.251 min Scan# 2238

Delta R.T. 0.000 min

Lab File: BF133066.D

Acq: 26 Apr 2023 15:54

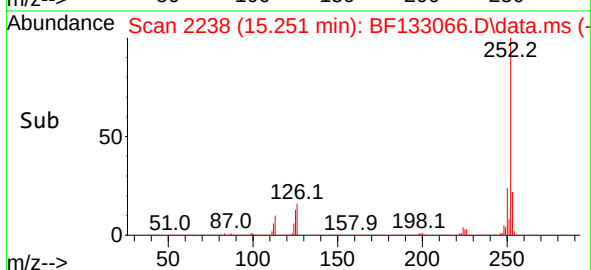
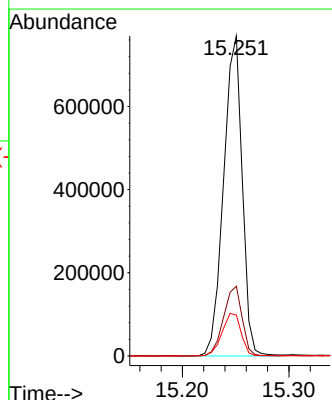
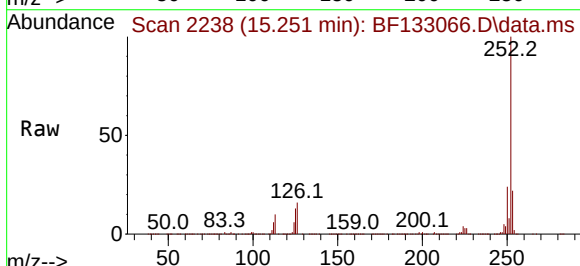
Tgt Ion:252 Resp: 929711

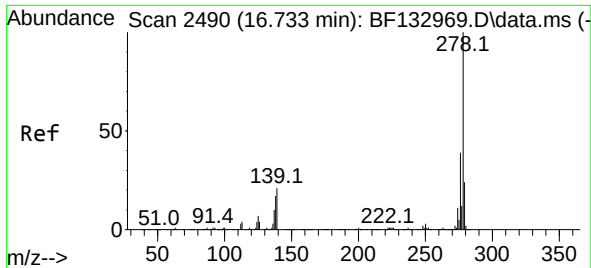
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 12.8 10.5 15.7

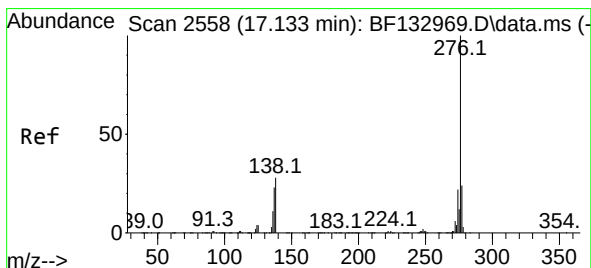
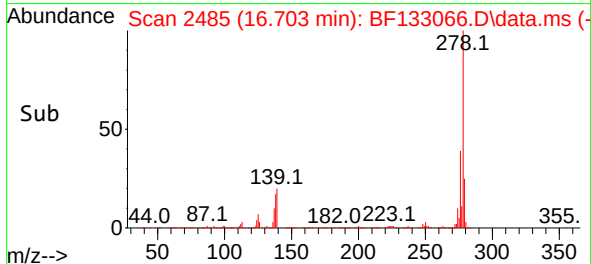
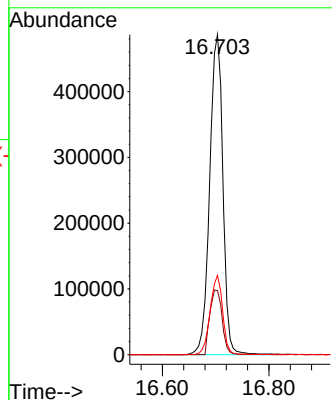
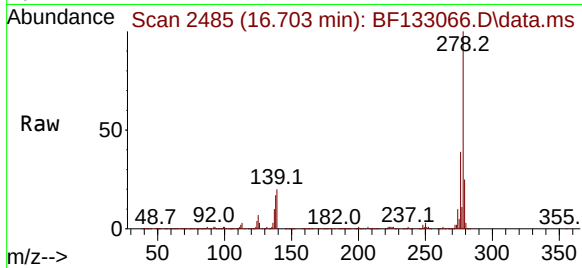




#91
Dibenzo(a,h)anthracene
Concen: 42.577 ng
RT: 16.703 min Scan# 2490
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 837413
Ion Ratio Lower Upper
278 100
139 20.0 16.6 24.8
279 24.8 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 44.256 ng
RT: 17.098 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BF133066.D
Acq: 26 Apr 2023 15:54

Tgt Ion:276 Resp: 859332
Ion Ratio Lower Upper
276 100
277 23.9 19.4 29.0
138 28.8 22.7 34.1

