

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133090.D
 Acq On : 27 Apr 2023 09:59
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 28 02:01:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:00:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	190486	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	734979	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	380778	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	697429	20.000	ng	0.00
76) Chrysene-d12	13.898	240	504844	20.000	ng	0.00
86) Perylene-d12	15.316	264	446746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	945414	74.974	ng	0.00
7) Phenol-d6	6.381	99	1151130	73.548	ng	0.00
23) Nitrobenzene-d5	7.304	82	992622	72.898	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	314099	82.022	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1751829	76.969	ng	0.00
79) Terphenyl-d14	12.845	244	2036532	69.573	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.393	88	210228	35.943	ng	97
3) Pyridine	3.093	79	588099	37.857	ng	96
4) n-Nitrosodimethylamine	3.052	42	263680	32.770	ng	90
6) Aniline	6.404	93	739111	36.665	ng	99
8) 2-Chlorophenol	6.522	128	479815	37.476	ng	99
9) Benzaldehyde	6.287	77	282489	38.659	ng	96
10) Phenol	6.393	94	621889	36.017	ng	87
11) bis(2-Chloroethyl)ether	6.481	93	458593	35.394	ng	96
12) 1,3-Dichlorobenzene	6.681	146	510506	37.504	ng	97
13) 1,4-Dichlorobenzene	6.757	146	502500	36.834	ng	98
14) 1,2-Dichlorobenzene	6.910	146	471734	37.507	ng	97
15) Benzyl Alcohol	6.887	79	388029	35.890	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.022	45	736969	32.748	ng	95
17) 2-Methylphenol	6.998	107	449023	38.301	ng	98
18) Hexachloroethane	7.251	117	172348	36.337	ng	95
19) n-Nitroso-di-n-propyla...	7.157	70	322028	33.049	ng	97
20) 3+4-Methylphenols	7.157	107	511809	37.070	ng	# 85
22) Acetophenone	7.151	105	632789	37.167	ng	99
24) Nitrobenzene	7.322	77	504475	36.561	ng	98
25) Isophorone	7.563	82	924874	35.774	ng	98
26) 2-Nitrophenol	7.640	139	271034	40.725	ng	94
27) 2,4-Dimethylphenol	7.687	122	430057	37.685	ng	97
28) bis(2-Chloroethoxy)met...	7.775	93	547738	35.813	ng	99
29) 2,4-Dichlorophenol	7.887	162	401048	38.604	ng	97
30) 1,2,4-Trichlorobenzene	7.969	180	409139	38.015	ng	99
31) Naphthalene	8.045	128	1375314	37.427	ng	100
32) Benzoic acid	7.798	122	262082	37.180	ng	99
33) 4-Chloroaniline	8.098	127	605297	40.769	ng	98
34) Hexachlorobutadiene	8.169	225	223123	37.405	ng	98
35) Caprolactam	8.469	113	145777	41.771	ng	90
36) 4-Chloro-3-methylphenol	8.581	107	432630	38.618	ng	96
37) 2-Methylnaphthalene	8.734	142	944537	37.597	ng	100
38) 1-Methylnaphthalene	8.834	142	886081	37.702	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	377108	36.834	ng	99
41) Hexachlorocyclopentadiene	8.892	237	221444	37.087	ng	99
43) 2,4,6-Trichlorophenol	9.016	196	264347	37.335	ng	99

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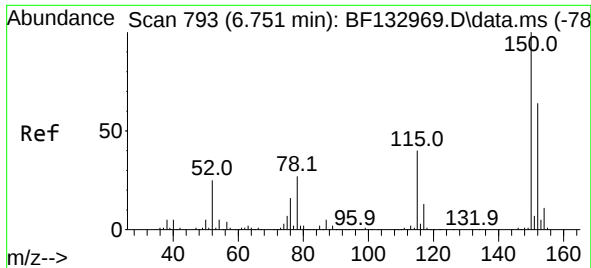
Quant Time: Apr 28 02:01:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	322396	39.371	ng	97
46) 1,1'-Biphenyl	9.198	154	1122922	37.190	ng	99
47) 2-Chloronaphthalene	9.222	162	830346	37.572	ng	98
48) 2-Nitroaniline	9.316	65	281471	38.537	ng	91
49) Acenaphthylene	9.639	152	1322173	37.442	ng	99
50) Dimethylphthalate	9.504	163	1004697	37.840	ng	98
51) 2,6-Dinitrotoluene	9.563	165	237297	39.709	ng	# 86
52) Acenaphthene	9.810	154	834203	35.272	ng	99
53) 3-Nitroaniline	9.734	138	292422	41.154	ng	96
54) 2,4-Dinitrophenol	9.834	184	136975	45.601	ng	97
55) Dibenzofuran	9.981	168	1209408	37.487	ng	99
56) 4-Nitrophenol	9.892	139	222708	40.468	ng	94
57) 2,4-Dinitrotoluene	9.963	165	314556	41.275	ng	93
58) Fluorene	10.328	166	911354	38.558	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.098	232	249528	39.306	ng	96
60) Diethylphthalate	10.204	149	954977	38.079	ng	97
61) 4-Chlorophenyl-phenyle...	10.316	204	439184	38.129	ng	96
62) 4-Nitroaniline	10.345	138	291535	44.641	ng	94
63) Azobenzene	10.475	77	940554	35.403	ng	98
65) 4,6-Dinitro-2-methylph...	10.375	198	183915	43.507	ng	96
66) n-Nitrosodiphenylamine	10.439	169	832546	36.801	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	277959	36.748	ng	96
68) Hexachlorobenzene	10.875	284	290014	37.418	ng	97
69) Atrazine	10.963	200	254815	39.090	ng	98
70) Pentachlorophenol	11.063	266	217311	39.368	ng	98
71) Phenanthrene	11.281	178	1398656	37.313	ng	100
72) Anthracene	11.333	178	1440486	37.550	ng	99
73) Carbazole	11.492	167	1321047	38.674	ng	100
74) Di-n-butylphthalate	11.828	149	1516838	39.240	ng	99
75) Fluoranthene	12.469	202	1469649	39.065	ng	98
77) Benzidine	12.586	184	431713	50.569	ng	95
78) Pyrene	12.698	202	1512807	34.957	ng	99
80) Butylbenzylphthalate	13.322	149	643238	41.978	ng	99
81) Benzo(a)anthracene	13.886	228	1252128	36.067	ng	99
82) 3,3'-Dichlorobenzidine	13.851	252	415134	43.286	ng	100
83) Chrysene	13.922	228	1247280	35.936	ng	100
84) Bis(2-ethylhexyl)phtha...	13.886	149	745933	38.783	ng	100
85) Di-n-octyl phthalate	14.492	149	1314914	41.928	ng	96
87) Indeno(1,2,3-cd)pyrene	16.698	276	957383	37.675	ng	100
88) Benzo(b)fluoranthene	14.910	252	1055712	37.145	ng	99
89) Benzo(k)fluoranthene	14.939	252	1075849	38.186	ng	99
90) Benzo(a)pyrene	15.257	252	968048	37.421	ng	99
91) Dibenzo(a,h)anthracene	16.715	278	800520	37.770	ng	98
92) Benzo(g,h,i)perylene	17.115	276	803957	38.422	ng	98

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

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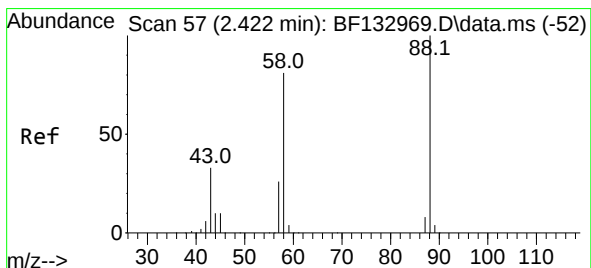
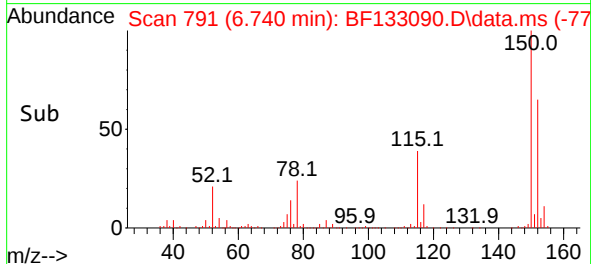
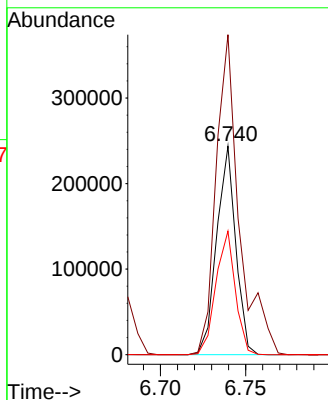
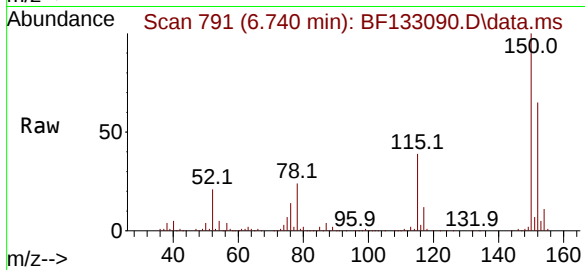




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: BF133090.D
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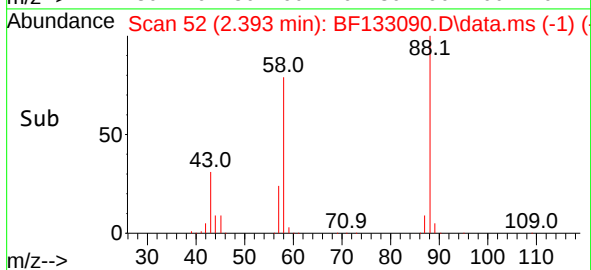
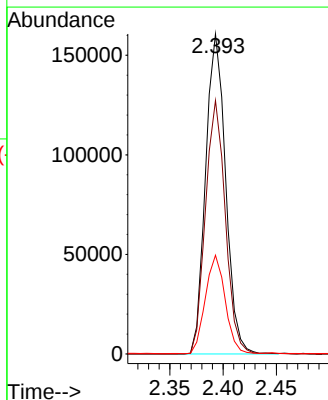
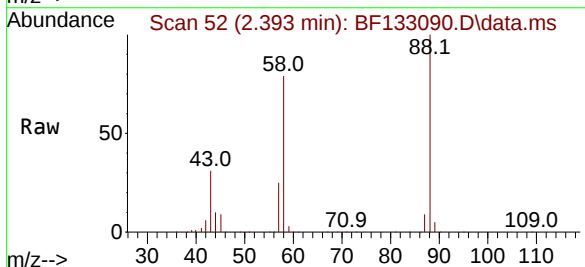
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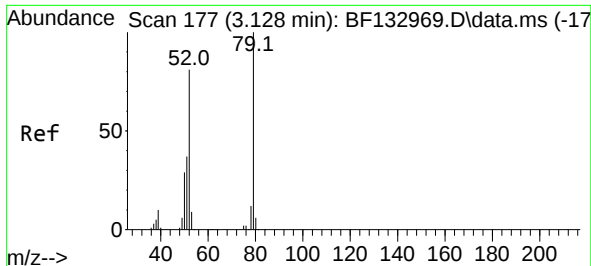
Tgt Ion:152 Resp: 190486
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.8 187.2
 115 59.3 49.9 74.9



#2
 1,4-Dioxane
 Concen: 35.943 ng
 RT: 2.393 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: BF133090.D
 Acq: 27 Apr 2023 09:59

Tgt Ion: 88 Resp: 210228
 Ion Ratio Lower Upper
 88 100
 58 78.6 64.7 97.1
 43 30.4 26.2 39.2





#3

Pyridine

Concen: 37.857 ng

RT: 3.093 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

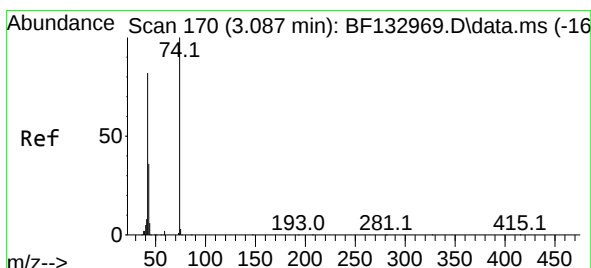
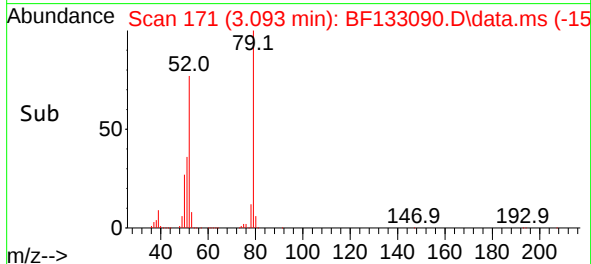
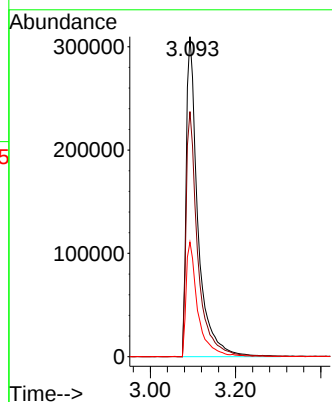
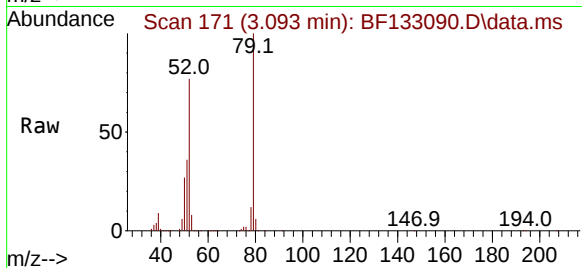
Tgt Ion: 79 Resp: 588099

Ion Ratio Lower Upper

79 100

52 76.6 64.6 96.8

51 35.8 30.0 45.0



#4

n-Nitrosodimethylamine

Concen: 32.770 ng

RT: 3.052 min Scan# 164

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

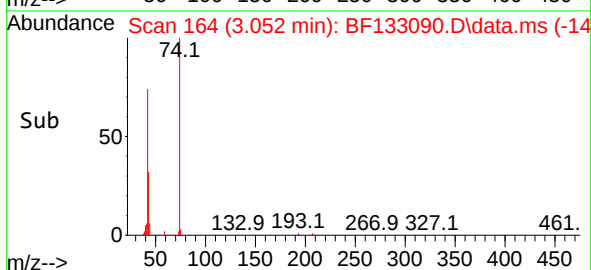
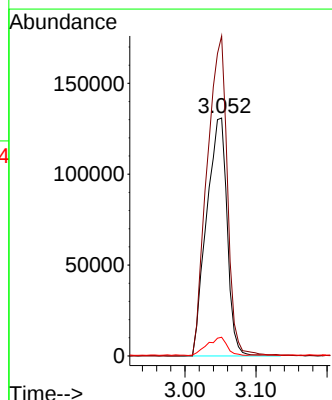
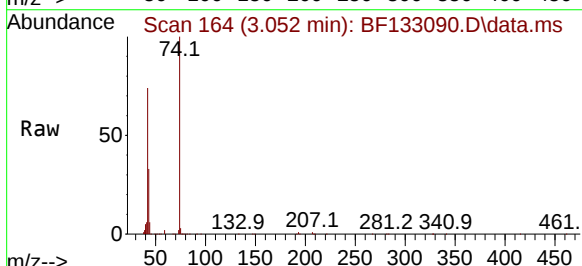
Tgt Ion: 42 Resp: 263680

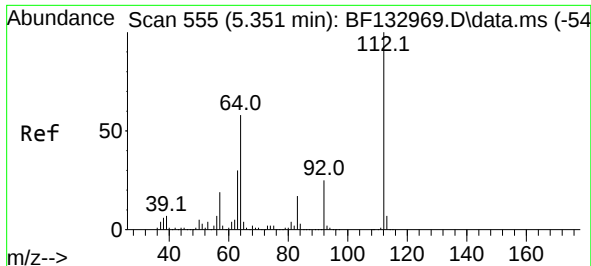
Ion Ratio Lower Upper

42 100

74 134.5 98.0 147.0

44 7.9 5.8 8.8

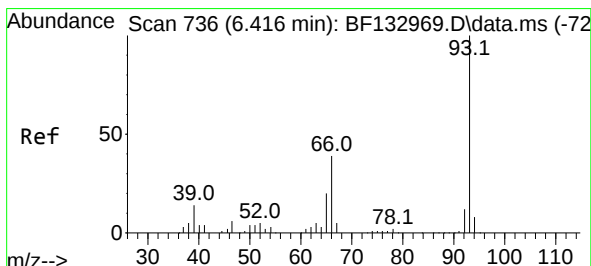
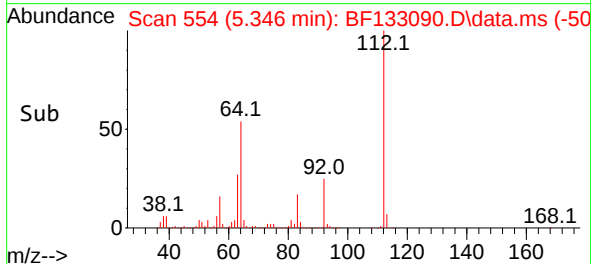
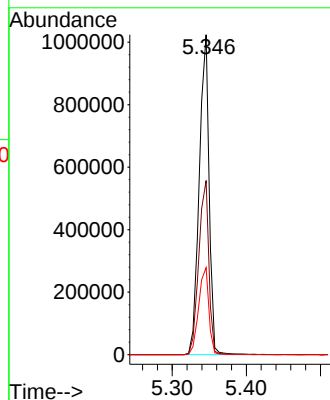
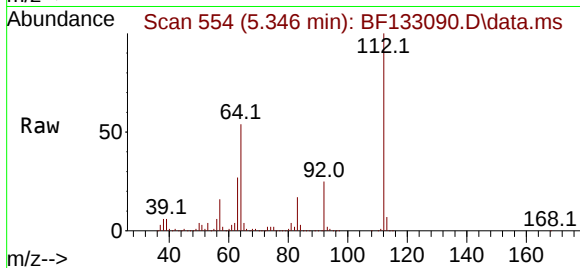




#5
2-Fluorophenol
Concen: 74.974 ng
RT: 5.346 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

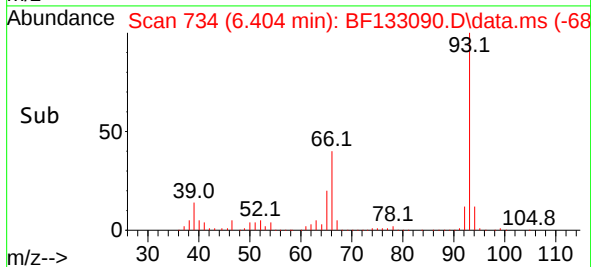
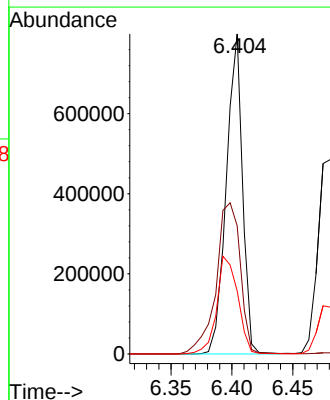
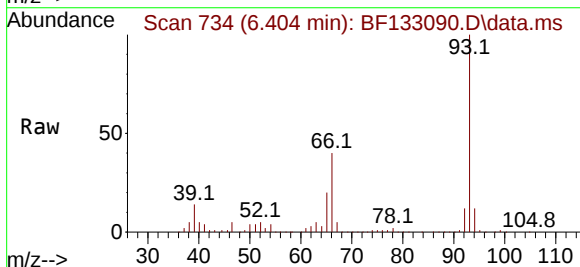
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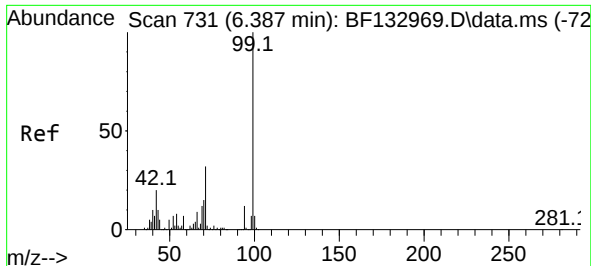
Tgt Ion:112 Resp: 945414
Ion Ratio Lower Upper
112 100
64 54.5 46.8 70.2
63 27.2 23.8 35.8



#6
Aniline
Concen: 36.665 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion: 93 Resp: 739111
Ion Ratio Lower Upper
93 100
66 40.1 31.5 47.3
65 19.7 16.4 24.6





#7

Phenol-d6

Concen: 73.548 ng

RT: 6.381 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

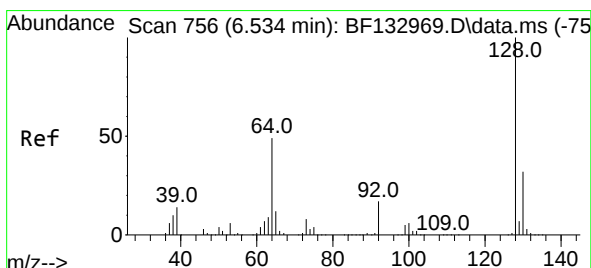
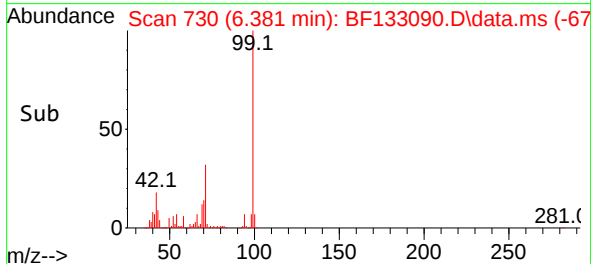
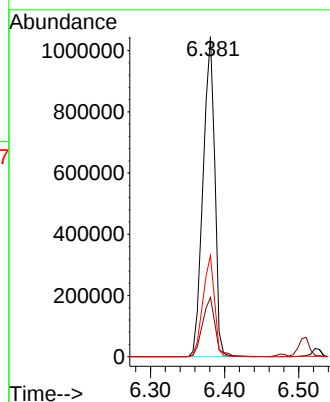
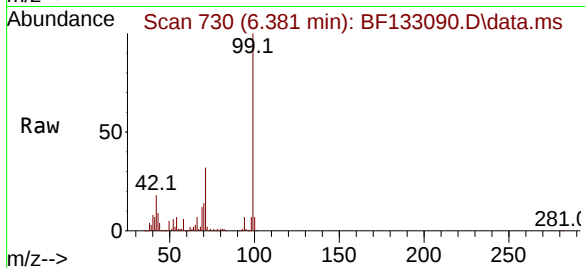
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1151130

Ion	Ratio	Lower	Upper
99	100		
42	18.5	16.3	24.5
71	31.6	25.6	38.4



#8

2-Chlorophenol

Concen: 37.476 ng

RT: 6.522 min Scan# 754

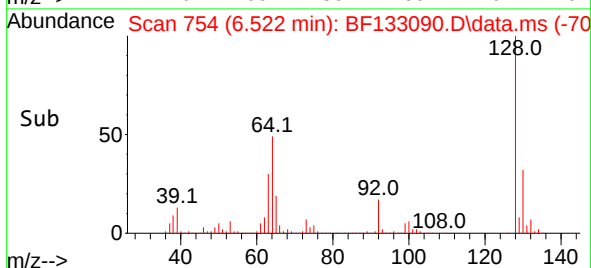
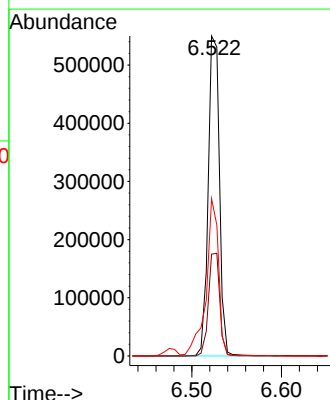
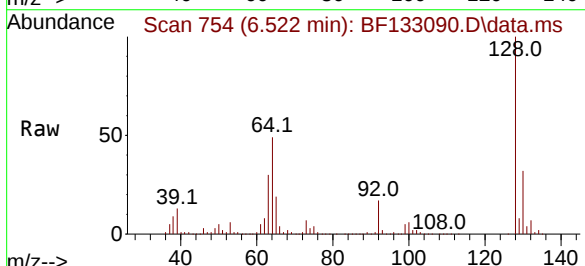
Delta R.T. 0.000 min

Lab File: BF133090.D

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Tgt Ion:128 Resp: 479815

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.2	52.2
64	49.2	30.3	70.3

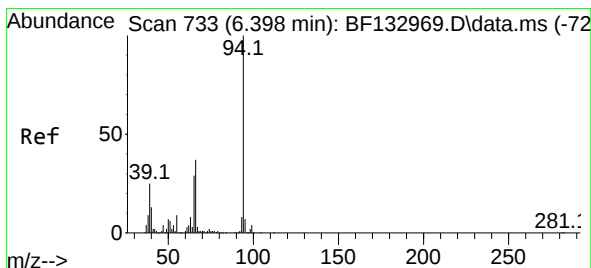
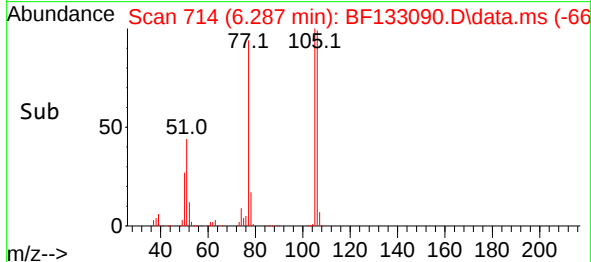
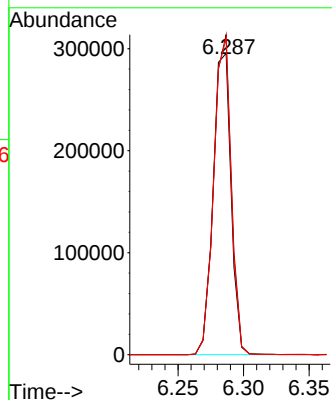
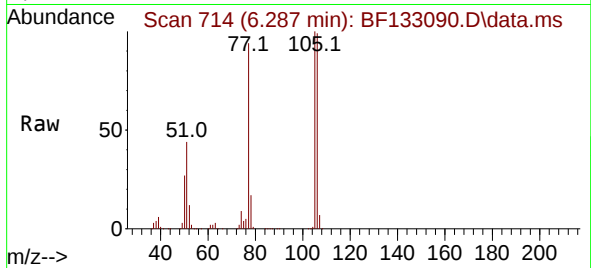




#9
Benzaldehyde
Concen: 38.659 ng
RT: 6.287 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

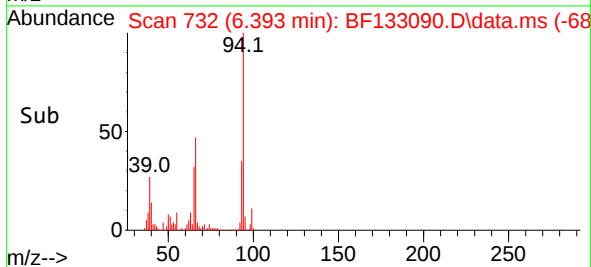
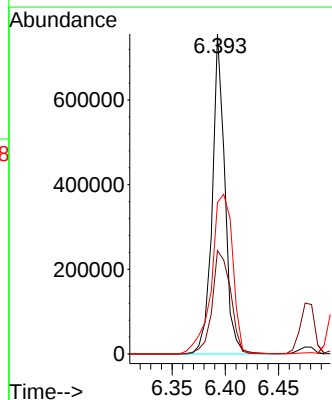
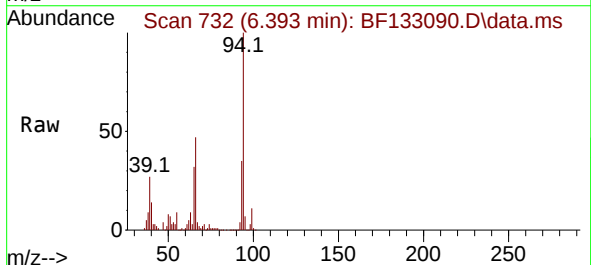
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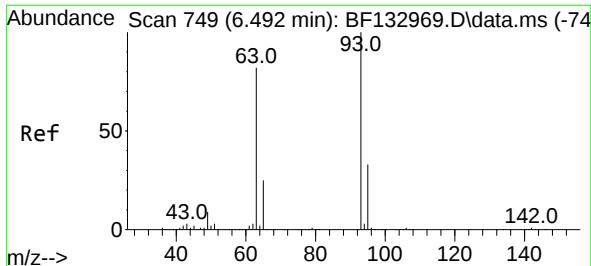
Tgt Ion: 77 Resp: 282489
Ion Ratio Lower Upper
77 100
105 106.2 82.3 122.3
106 104.9 80.8 120.8



#10
Phenol
Concen: 36.017 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion: 94 Resp: 621889
Ion Ratio Lower Upper
94 100
65 32.3 8.6 48.6
66 47.4 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 35.394 ng

RT: 6.481 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

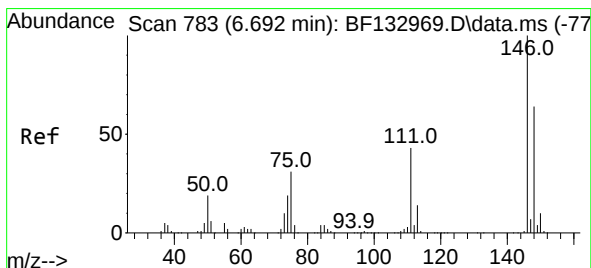
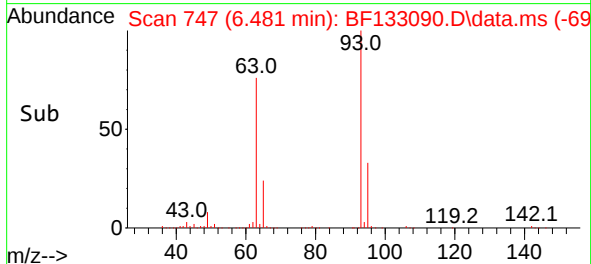
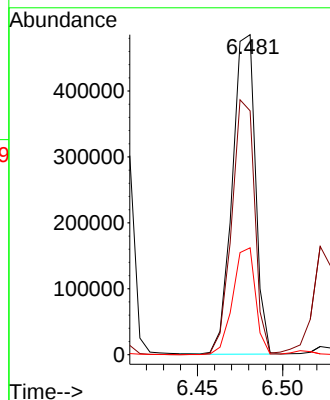
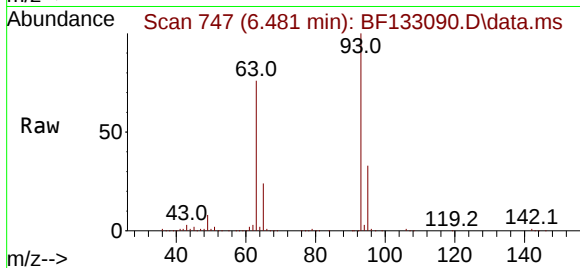
Tgt Ion: 93 Resp: 458593

Ion Ratio Lower Upper

93 100

63 76.2 60.6 100.6

95 33.4 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 37.504 ng

RT: 6.681 min Scan# 781

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

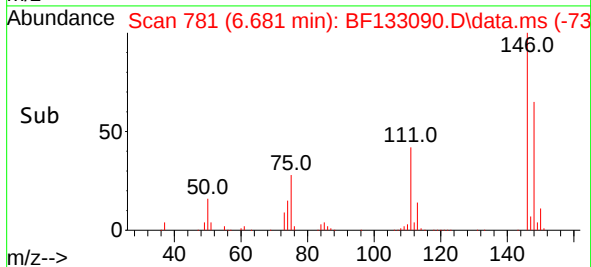
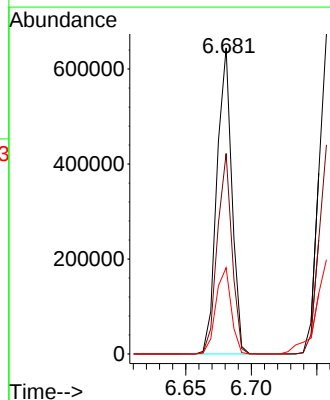
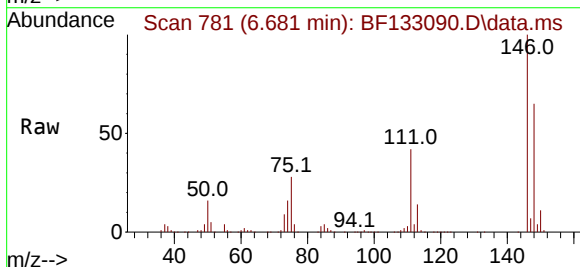
Tgt Ion: 146 Resp: 510506

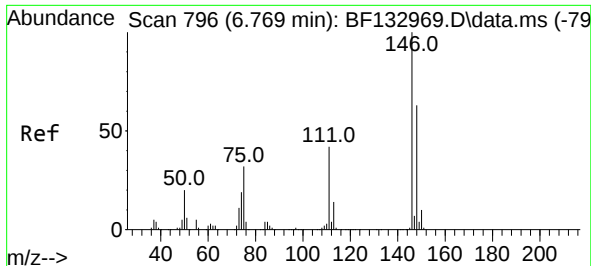
Ion Ratio Lower Upper

146 100

148 65.5 51.0 76.4

75 28.2 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 36.834 ng

RT: 6.757 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

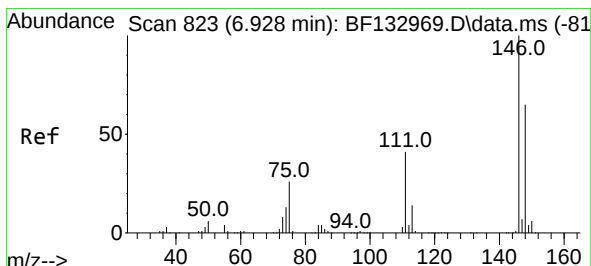
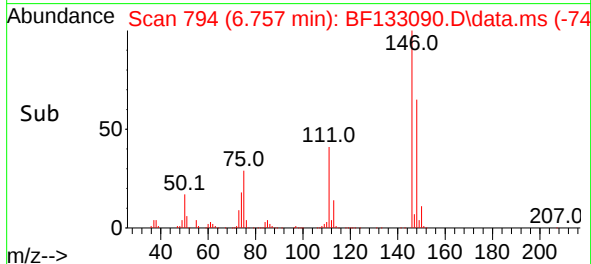
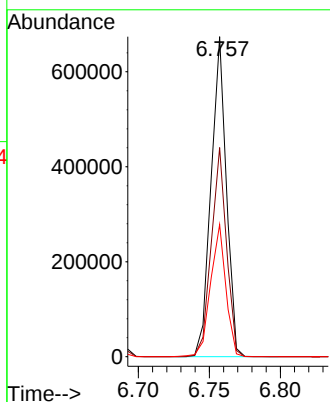
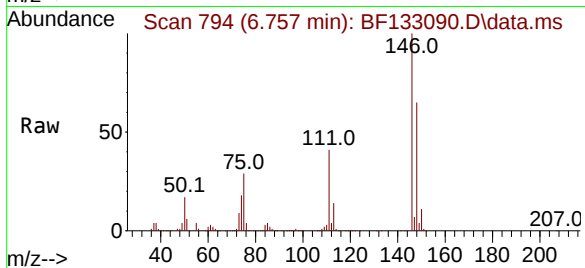
Tgt Ion:146 Resp: 502500

Ion Ratio Lower Upper

146 100

148 65.4 50.3 75.5

111 41.3 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 37.507 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

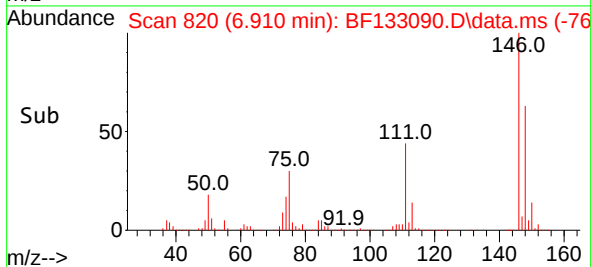
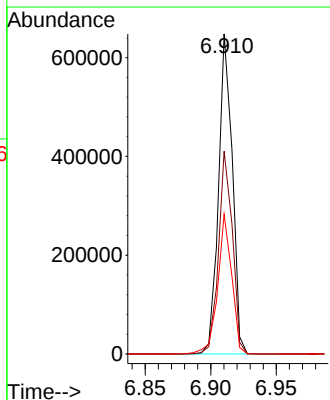
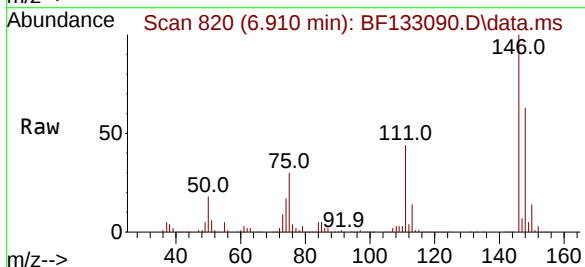
Tgt Ion:146 Resp: 471734

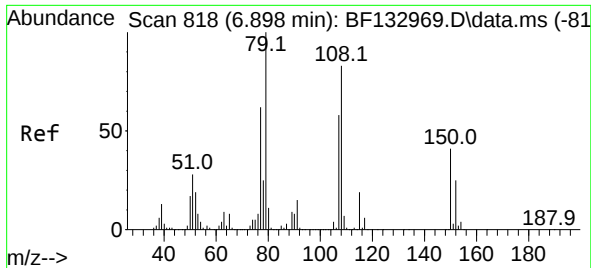
Ion Ratio Lower Upper

146 100

148 63.4 52.2 78.2

111 43.6 32.8 49.2

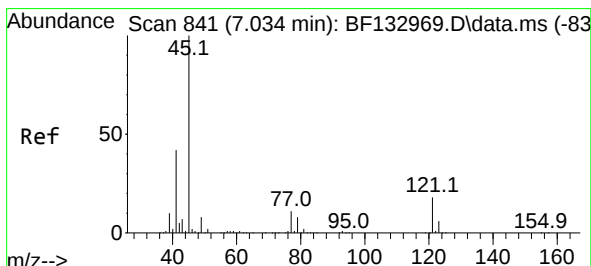
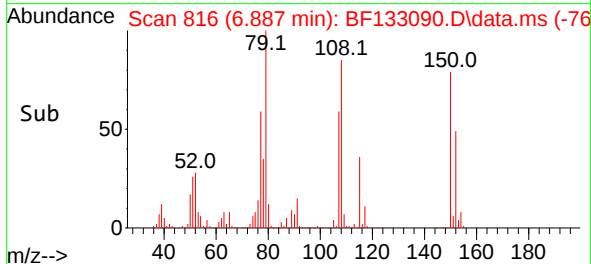
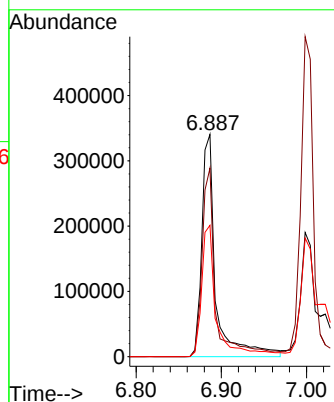
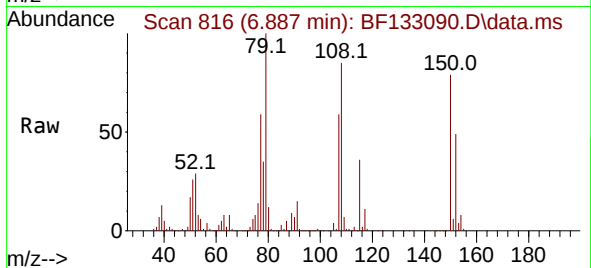




#15
Benzyl Alcohol
Concen: 35.890 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

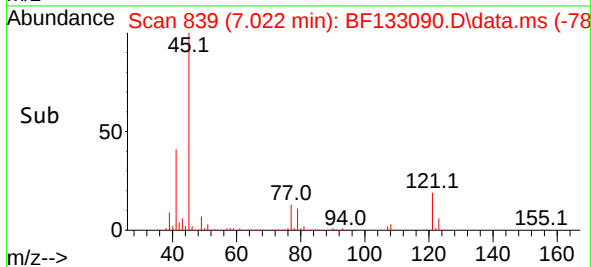
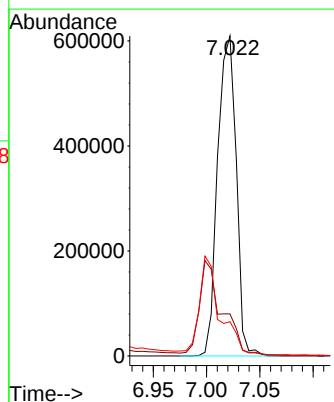
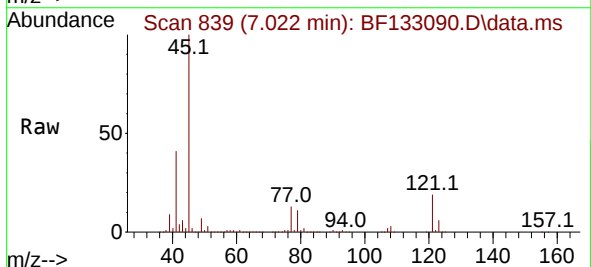
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

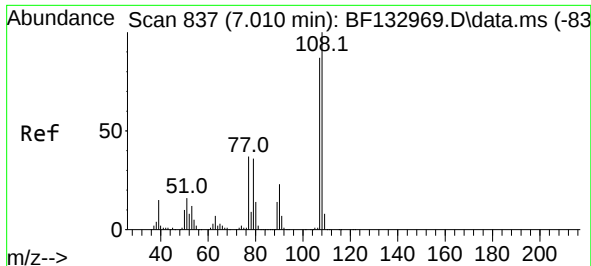
Tgt Ion: 79 Resp: 388029
Ion Ratio Lower Upper
79 100
108 84.8 66.6 99.8
77 59.2 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.748 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion: 45 Resp: 736969
Ion Ratio Lower Upper
45 100
77 13.2 0.0 31.5
79 10.7 0.0 28.7

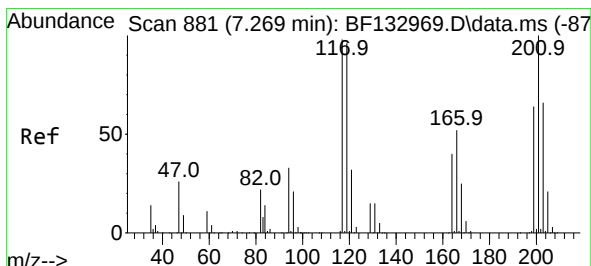
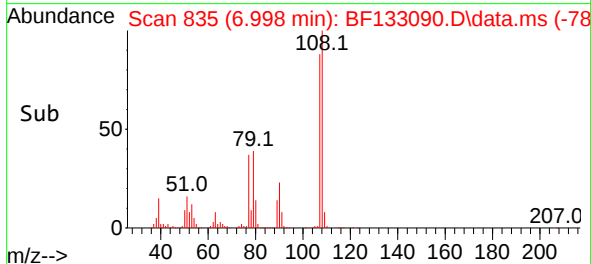
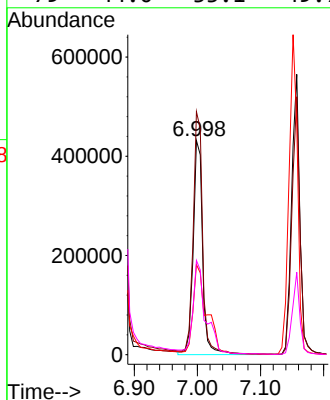
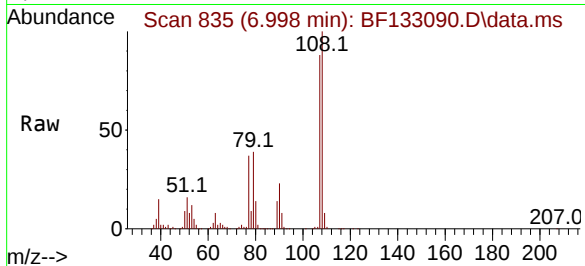




#17
2-Methylphenol
Concen: 38.301 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

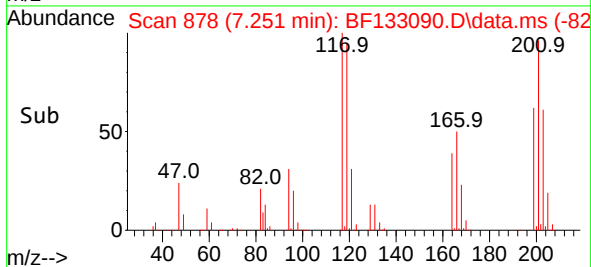
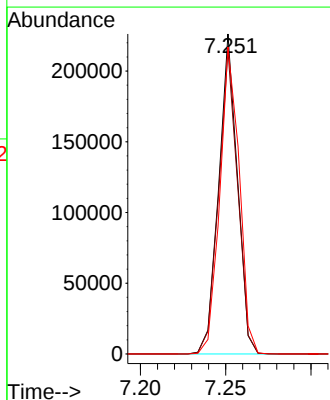
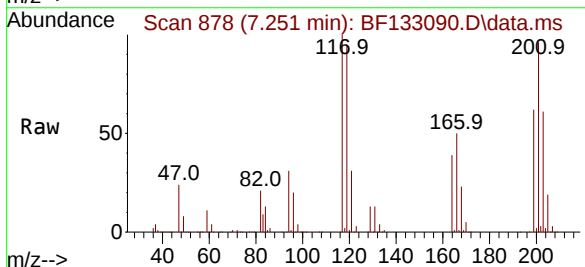
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 449023
Ion Ratio Lower Upper
107 100
108 113.5 92.4 138.6
77 42.1 33.8 50.8
79 44.0 33.1 49.7



#18
Hexachloroethane
Concen: 36.337 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:117 Resp: 172348
Ion Ratio Lower Upper
117 100
119 94.9 78.2 117.4
201 96.0 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 33.049 ng

RT: 7.157 min Scan# 862

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 322028

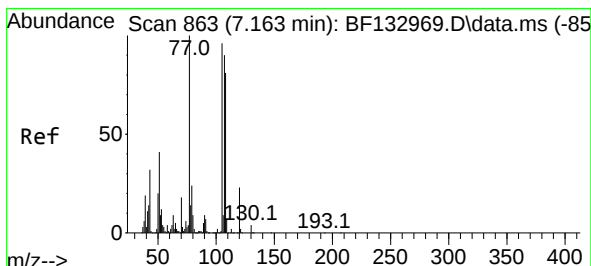
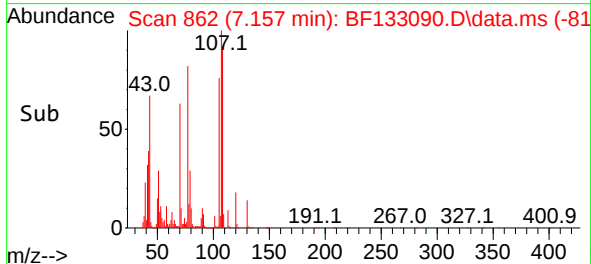
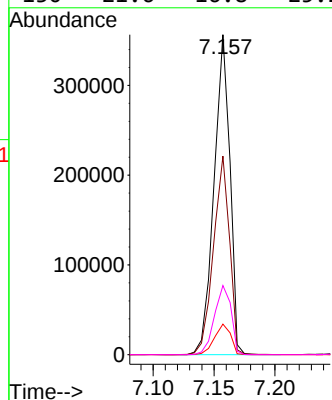
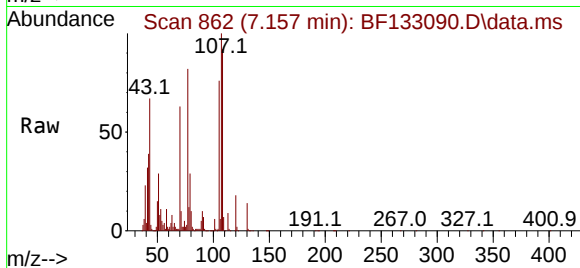
Ion Ratio Lower Upper

70 100

42 62.1 51.8 77.6

101 9.6 8.0 12.0

130 21.6 16.8 25.2



#20

3+4-Methylphenols

Concen: 37.070 ng

RT: 7.157 min Scan# 862

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Tgt Ion: 107 Resp: 511809

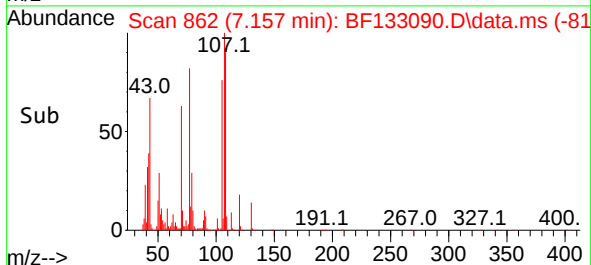
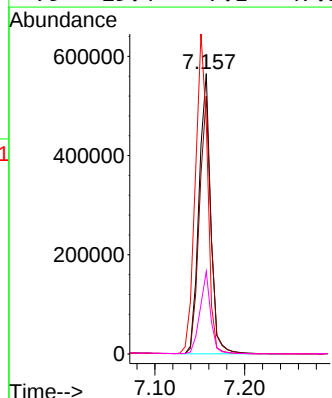
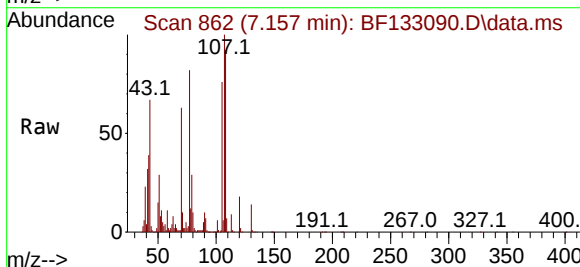
Ion Ratio Lower Upper

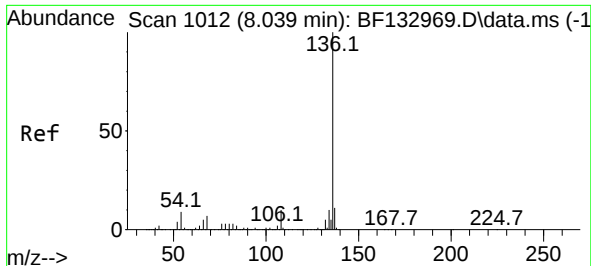
107 100

108 92.0 70.5 110.5

77 82.4 91.7 131.7#

79 29.4 7.1 47.1



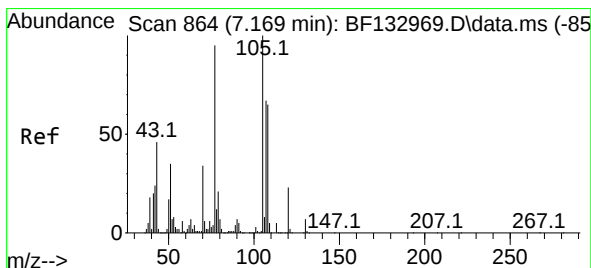
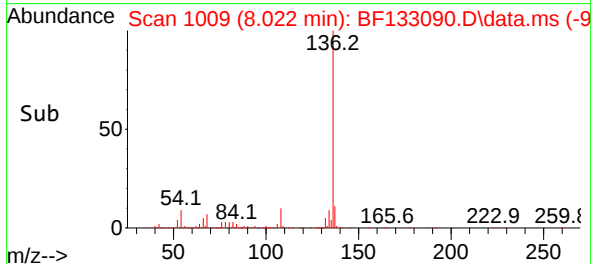
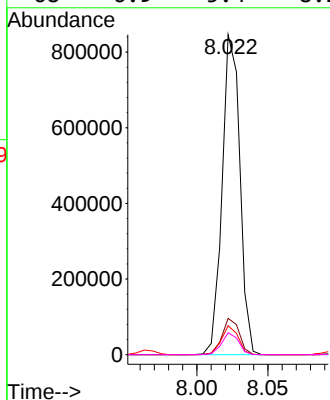
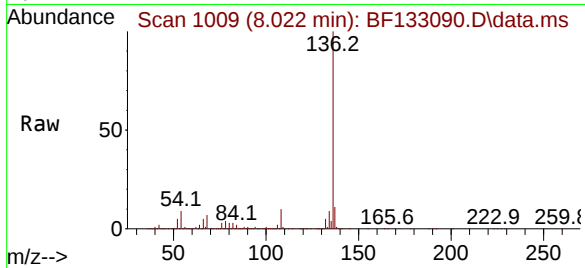


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 734979

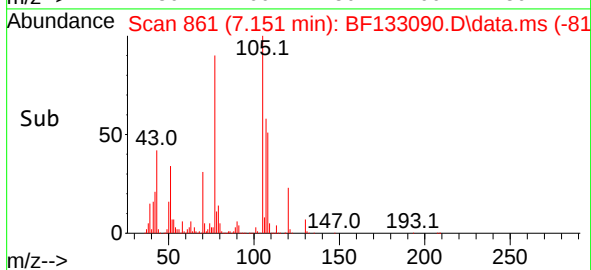
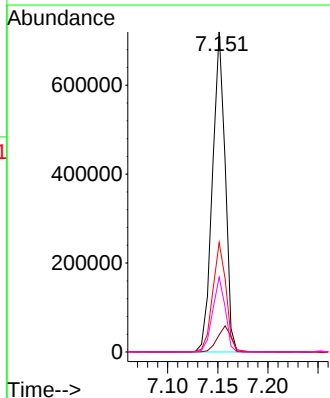
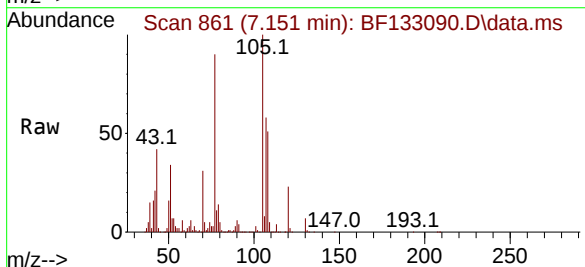
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	9.0	7.0	10.4
68	6.9	5.4	8.2

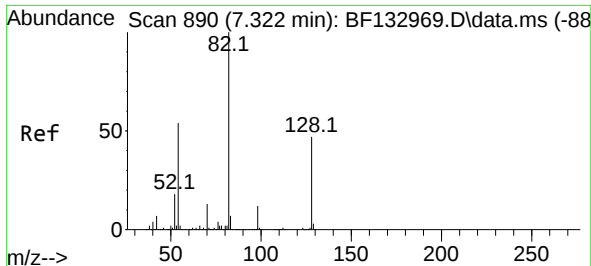


#22
Acetophenone
Concen: 37.167 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:105 Resp: 632789

Ion	Ratio	Lower	Upper
105	100		
71	5.3	4.6	7.0
51	34.2	28.2	42.2
120	23.4	18.4	27.6





#23

Nitrobenzene-d5

Concen: 72.898 ng

RT: 7.304 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

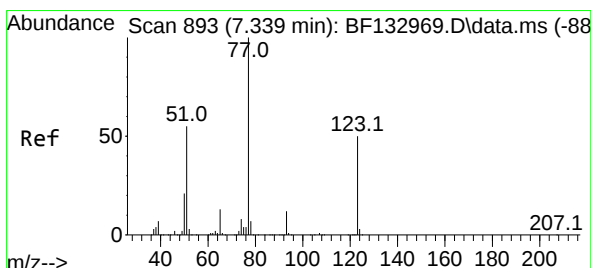
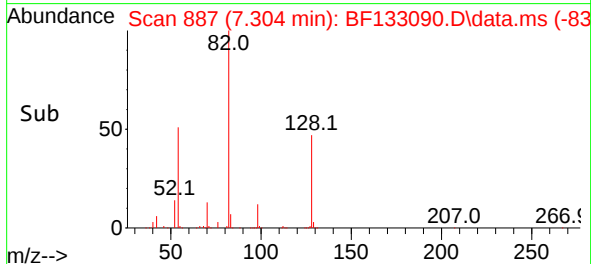
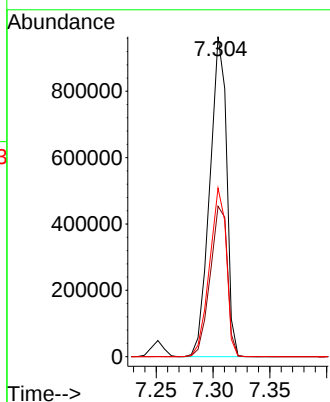
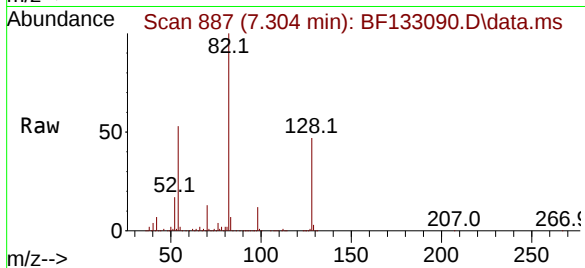
Tgt Ion: 82 Resp: 992622

Ion Ratio Lower Upper

82 100

128 47.0 37.7 56.5

54 52.7 43.0 64.4



#24

Nitrobenzene

Concen: 36.561 ng

RT: 7.322 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

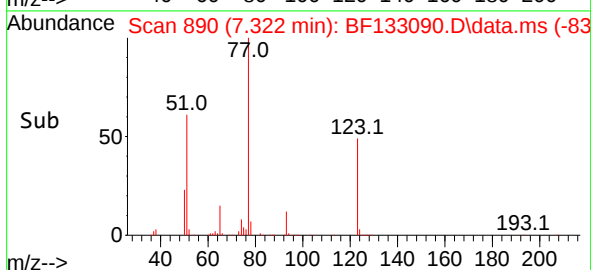
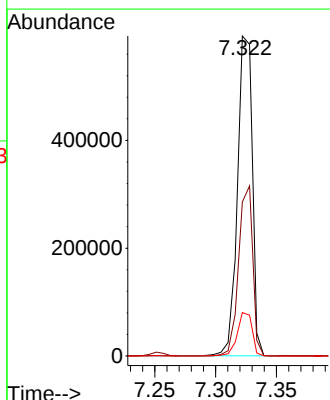
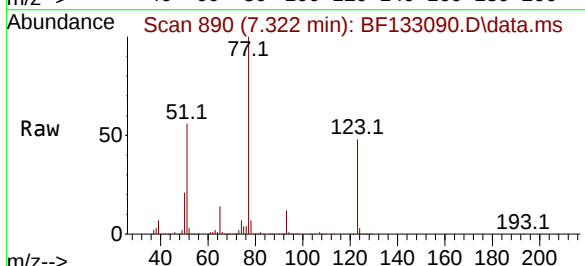
Tgt Ion: 77 Resp: 504475

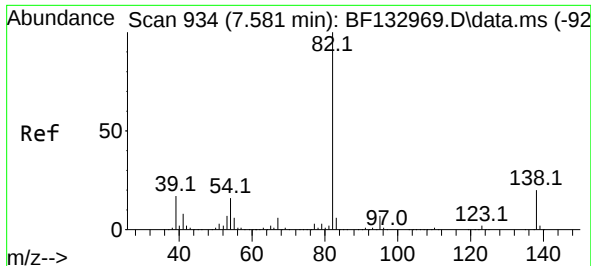
Ion Ratio Lower Upper

77 100

123 48.1 39.9 59.9

65 13.6 10.7 16.1

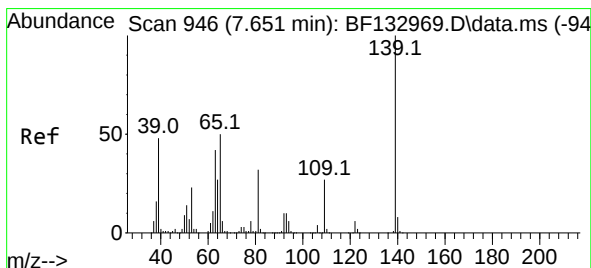
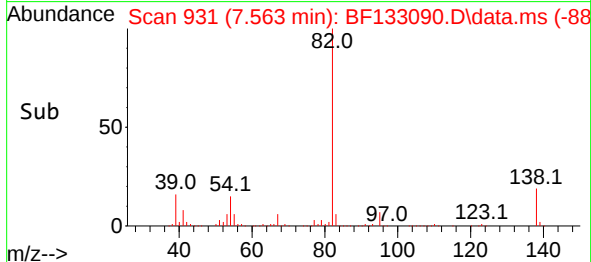
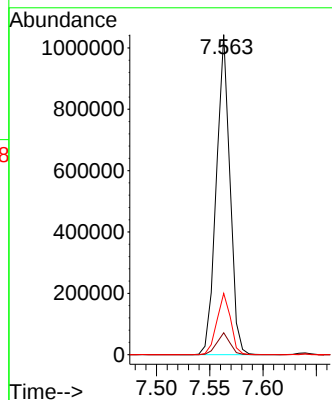
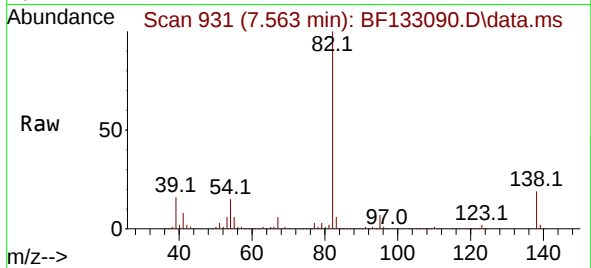




#25
Isophorone
Concen: 35.774 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

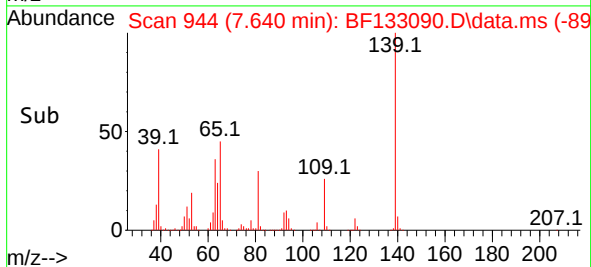
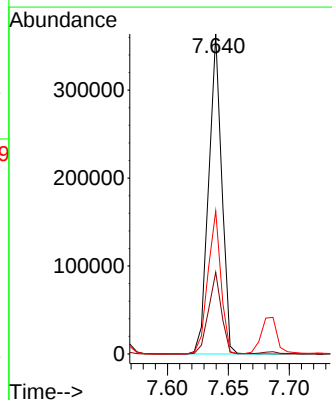
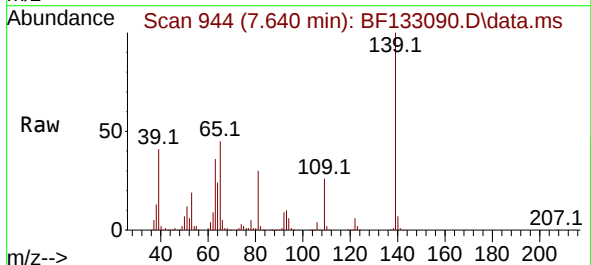
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

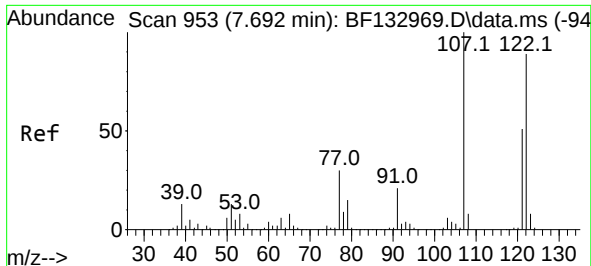
Tgt Ion: 82 Resp: 924874
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 19.1 16.0 24.0



#26
2-Nitrophenol
Concen: 40.725 ng
RT: 7.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion: 139 Resp: 271034
Ion Ratio Lower Upper
139 100
109 25.5 21.6 32.4
65 44.7 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 37.685 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

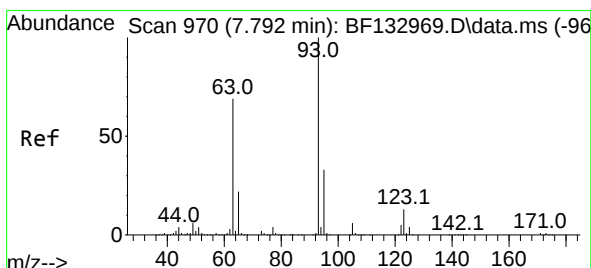
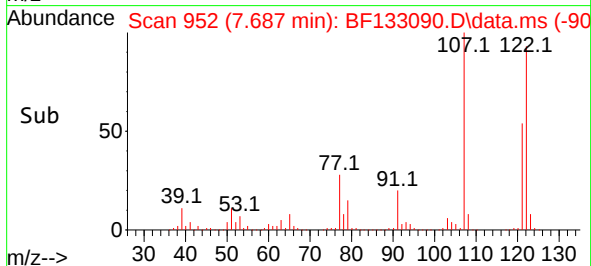
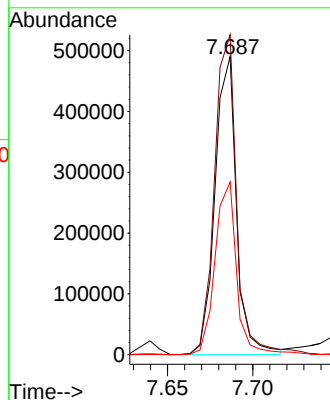
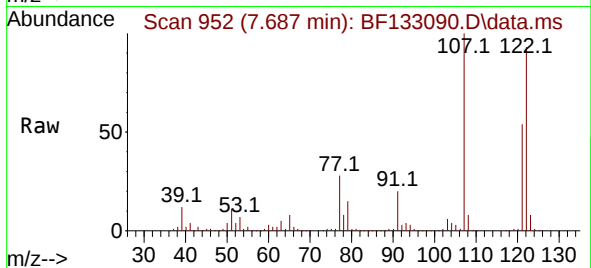
Tgt Ion:122 Resp: 430057

Ion Ratio Lower Upper

122 100

107 107.3 89.7 134.5

121 57.9 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 35.813 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

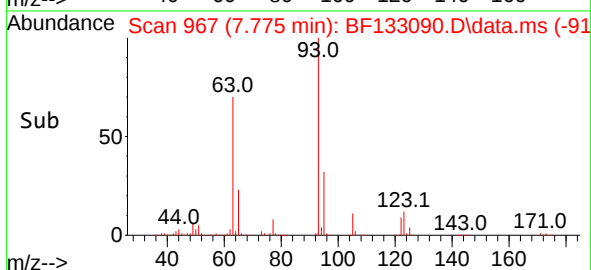
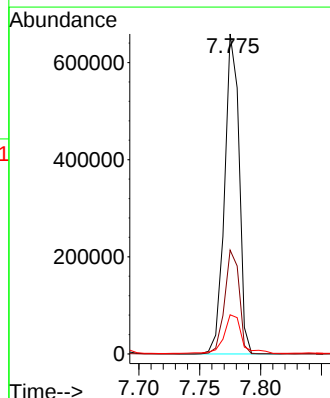
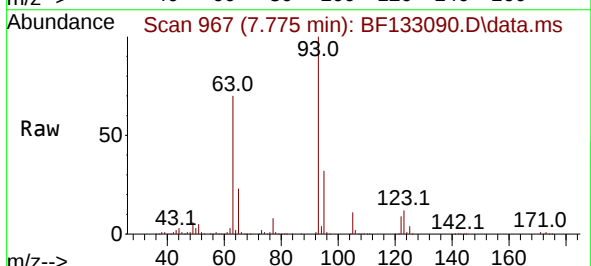
Tgt Ion: 93 Resp: 547738

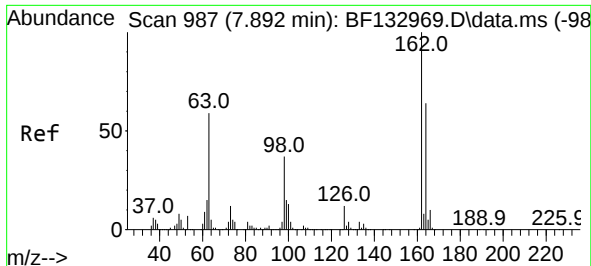
Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

123 12.3 10.3 15.5

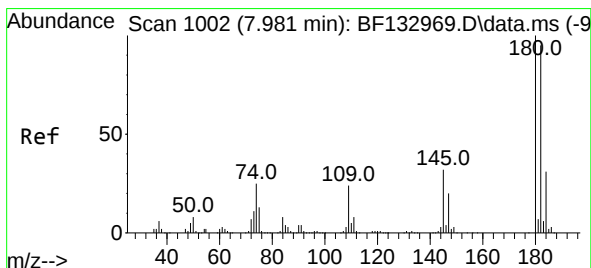
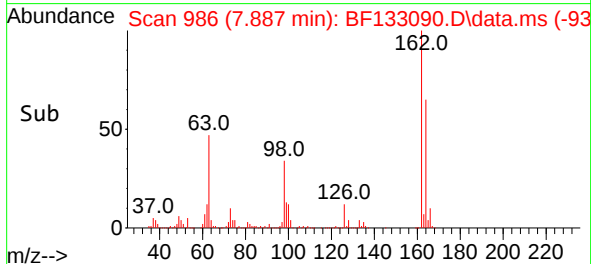
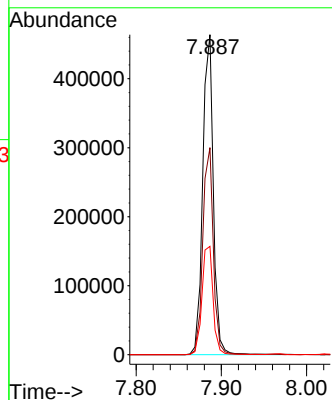
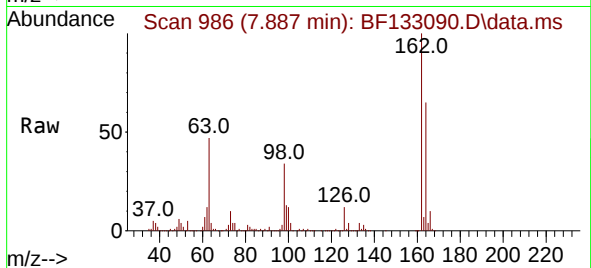




#29
2,4-Dichlorophenol
Concen: 38.604 ng
RT: 7.887 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

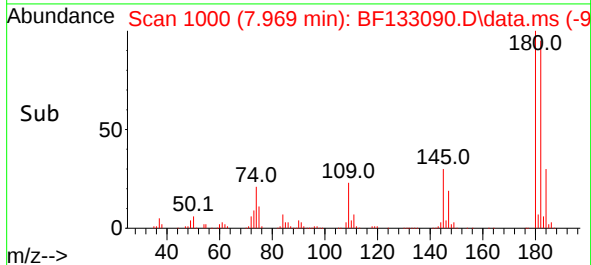
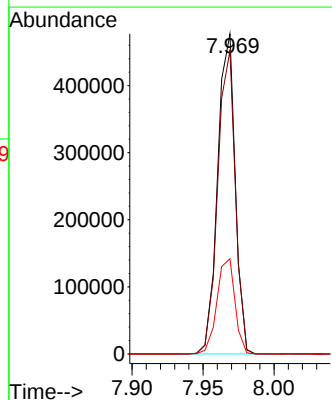
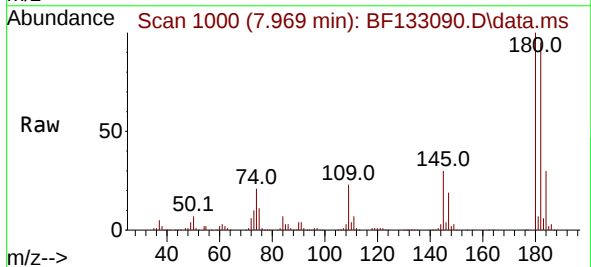
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

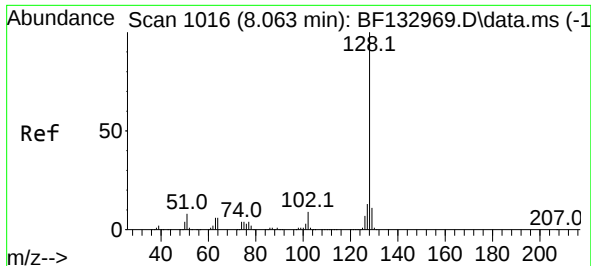
Tgt Ion:162 Resp: 401048
Ion Ratio Lower Upper
162 100
164 64.7 43.9 83.9
98 33.9 17.0 57.0



#30
1,2,4-Trichlorobenzene
Concen: 38.015 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:180 Resp: 409139
Ion Ratio Lower Upper
180 100
182 94.8 75.9 113.9
145 29.8 25.3 37.9

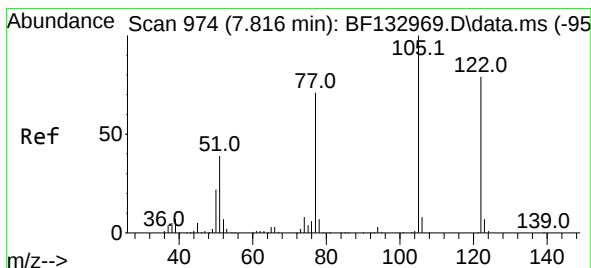
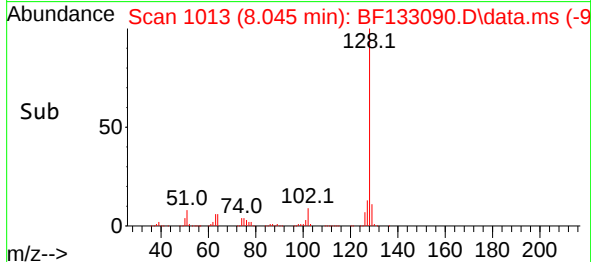
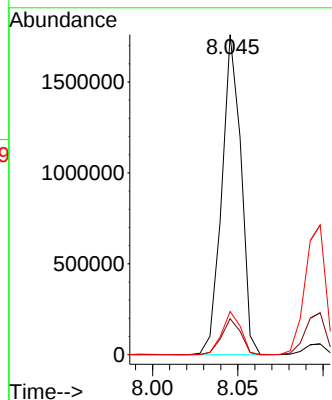
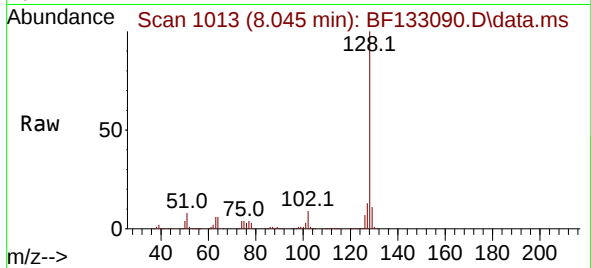




#31
Naphthalene
Concen: 37.427 ng
RT: 8.045 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

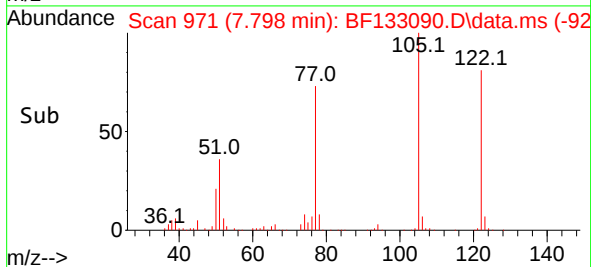
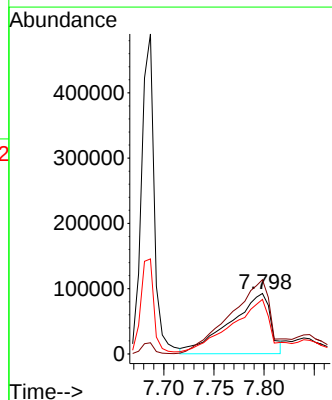
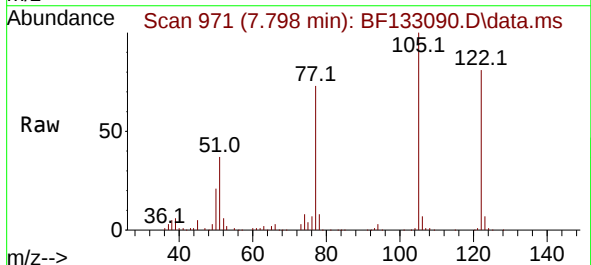
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

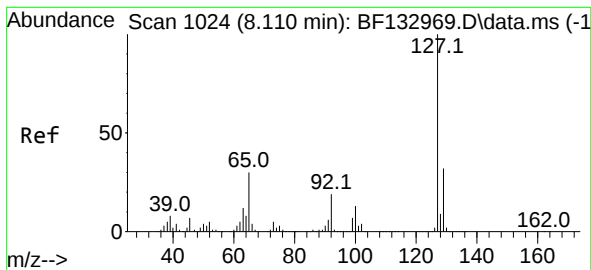
Tgt Ion:128 Resp: 1375314
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 37.180 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:122 Resp: 262082
Ion Ratio Lower Upper
122 100
105 122.8 104.2 144.2
77 90.2 69.7 109.7





#33

4-Chloroaniline

Concen: 40.769 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 605297

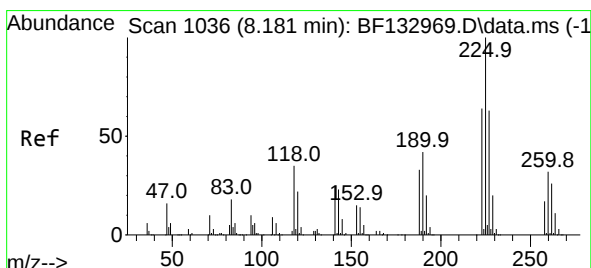
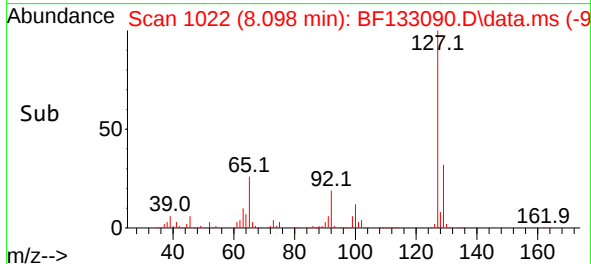
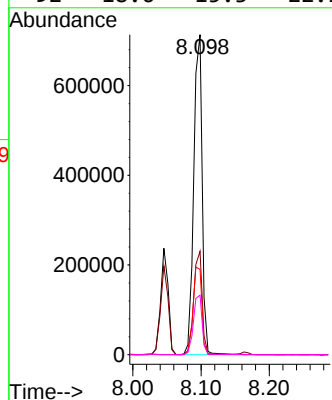
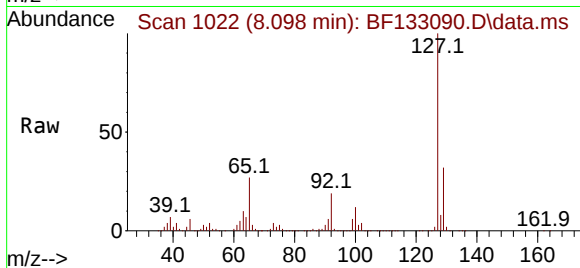
Ion Ratio Lower Upper

127 100

129 32.3 25.8 38.8

65 26.7 23.6 35.4

92 18.6 15.3 22.9



#34

Hexachlorobutadiene

Concen: 37.405 ng

RT: 8.169 min Scan# 1034

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

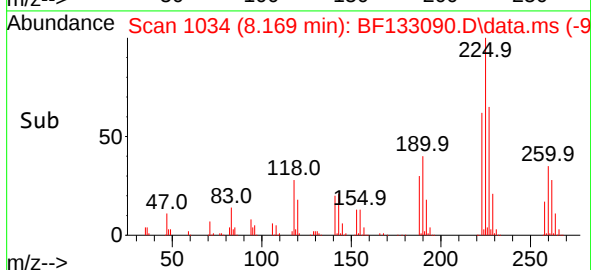
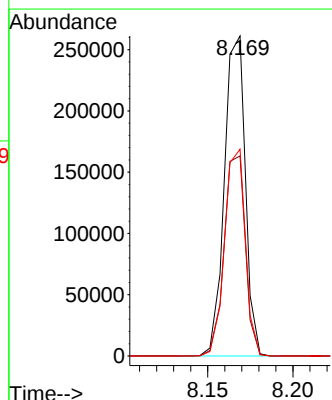
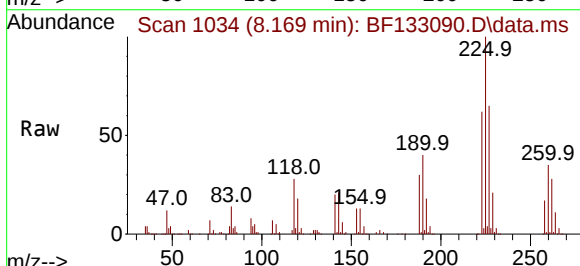
Tgt Ion:225 Resp: 223123

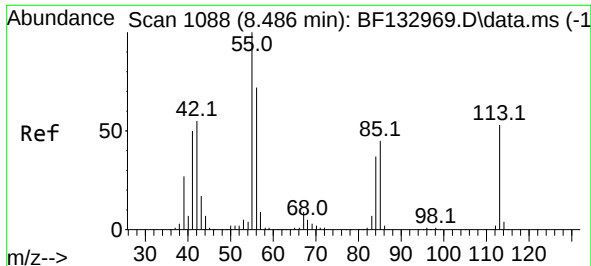
Ion Ratio Lower Upper

225 100

223 62.5 50.9 76.3

227 64.6 50.3 75.5

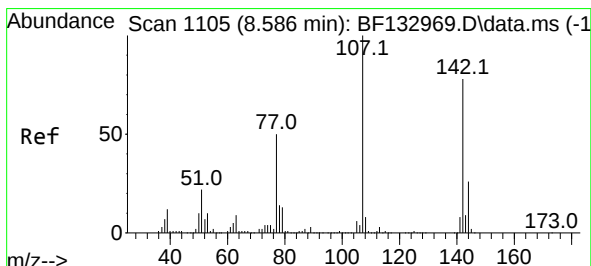
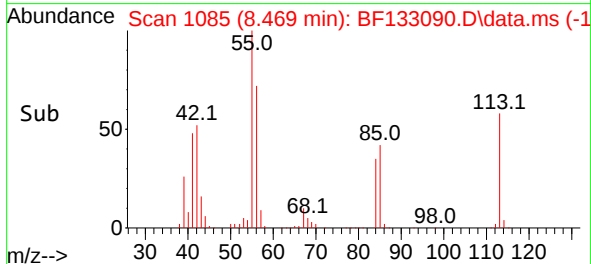
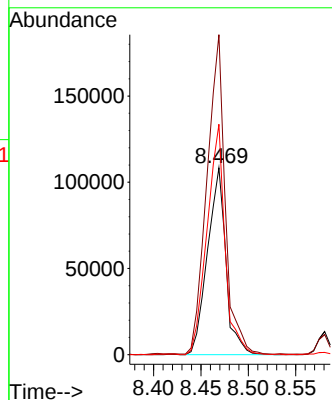
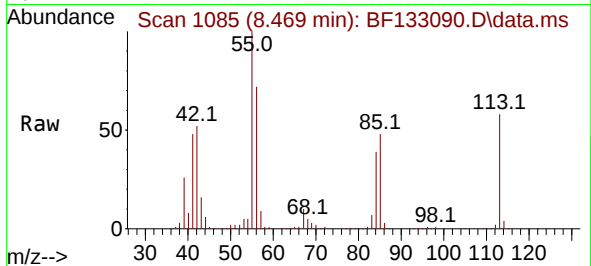




#35
 Caprolactam
 Concen: 41.771 ng
 RT: 8.469 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: BF133090.D
 Acq: 27 Apr 2023 09:59

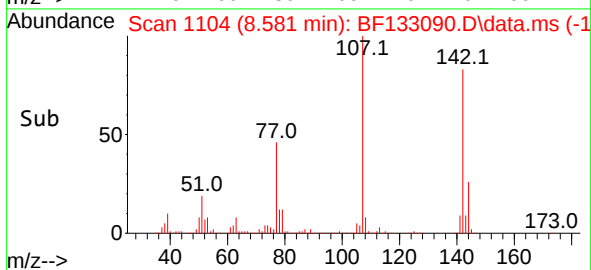
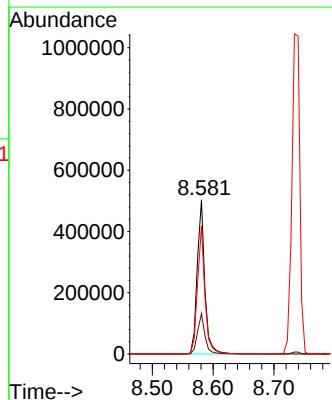
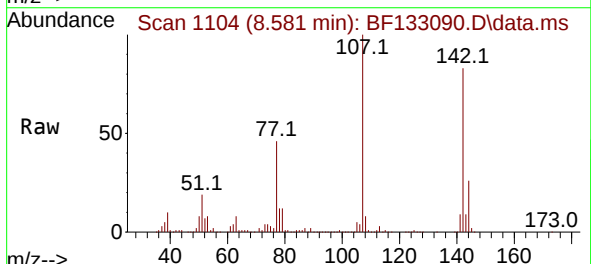
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

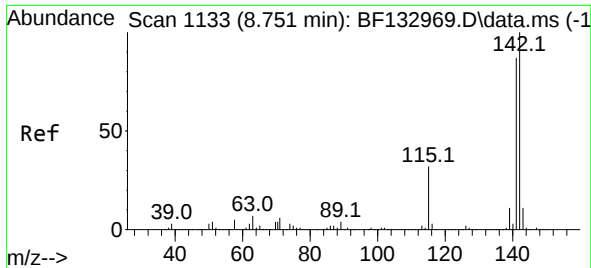
Tgt Ion:113 Resp: 145777
 Ion Ratio Lower Upper
 113 100
 55 171.3 167.1 207.1
 56 123.3 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 38.618 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: BF133090.D
 Acq: 27 Apr 2023 09:59

Tgt Ion:107 Resp: 432630
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.6 30.8
 142 82.8 62.8 94.2





#37

2-Methylnaphthalene

Concen: 37.597 ng

RT: 8.734 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

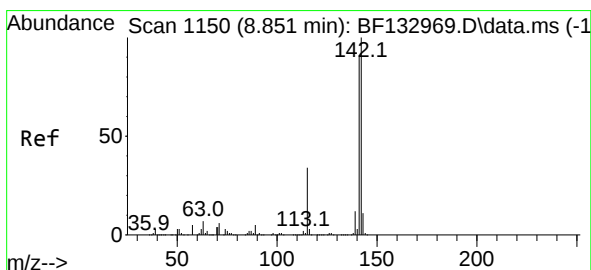
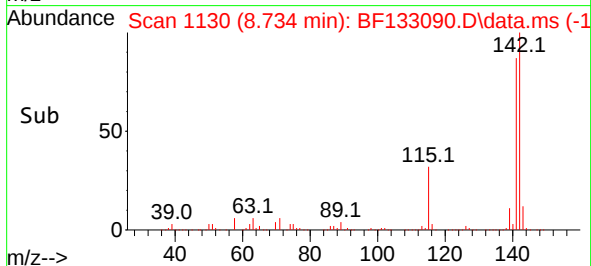
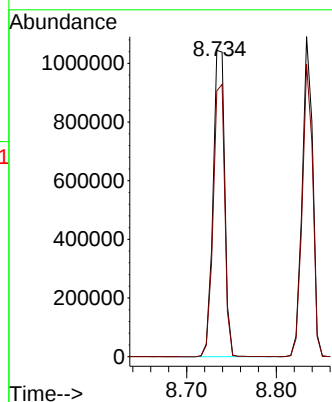
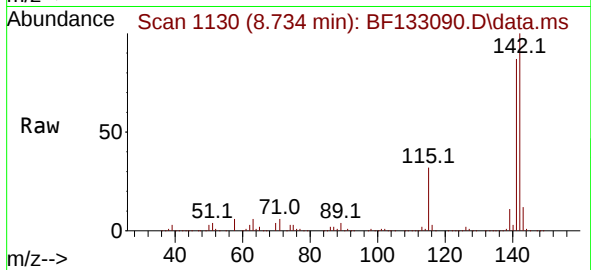
SSTDCCC040

Tgt Ion:142 Resp: 944537

Ion Ratio Lower Upper

142 100

141 86.8 69.4 104.0



#38

1-Methylnaphthalene

Concen: 37.702 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF133090.D

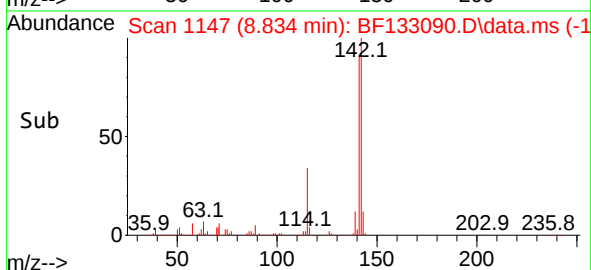
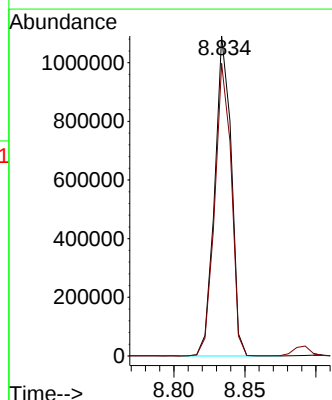
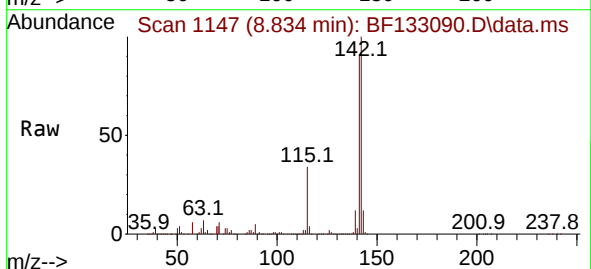
Acq: 27 Apr 2023 09:59

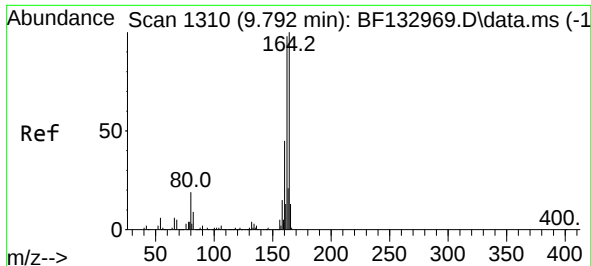
Tgt Ion:142 Resp: 886081

Ion Ratio Lower Upper

142 100

141 91.4 73.1 109.7

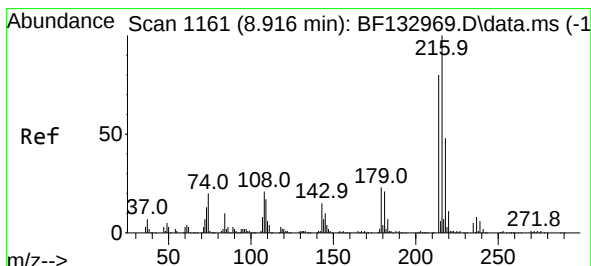
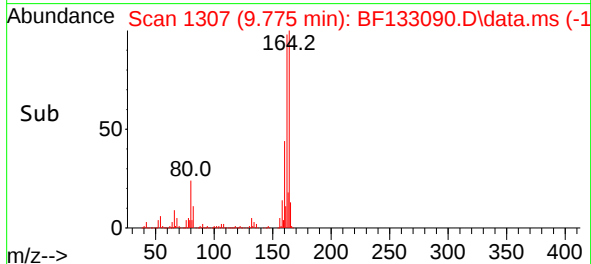
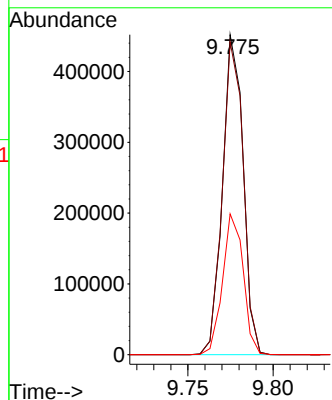
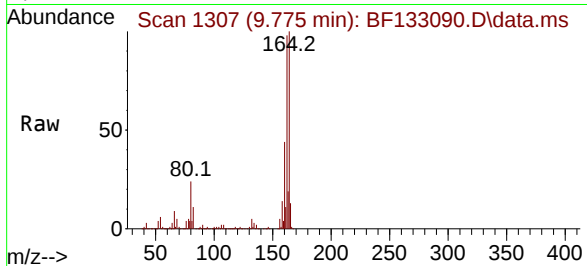




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 11307
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

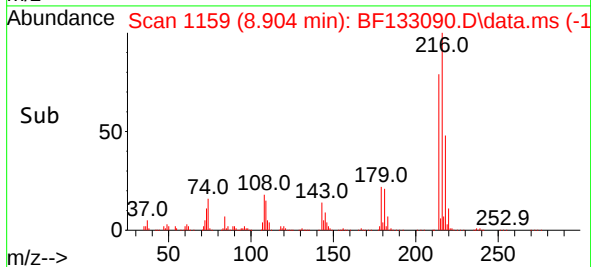
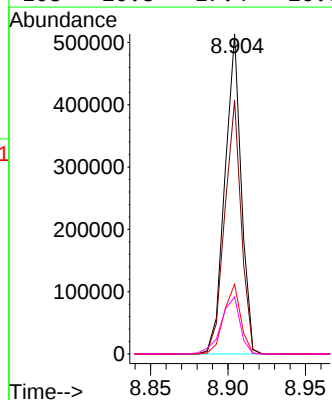
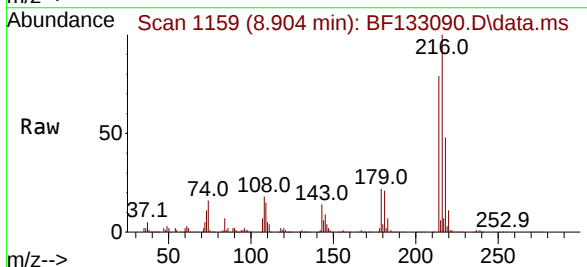
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

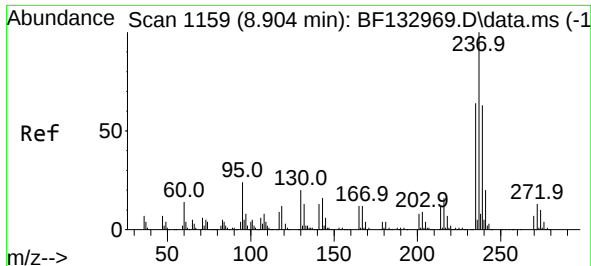
Tgt Ion:164 Resp: 380778
Ion Ratio Lower Upper
164 100
162 97.8 78.7 118.1
160 44.0 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.834 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:216 Resp: 377108
Ion Ratio Lower Upper
216 100
214 79.7 63.5 95.3
179 22.3 17.4 26.2
108 20.8 17.4 26.0

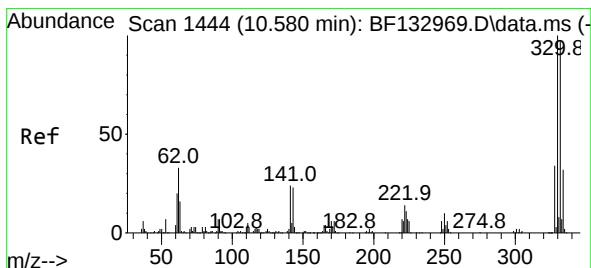
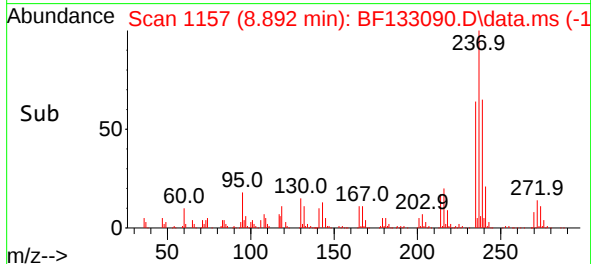
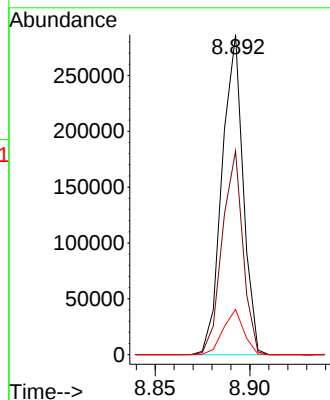
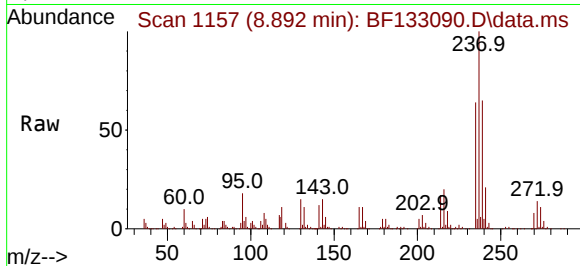




#41
Hexachlorocyclopentadiene
Concen: 37.087 ng
RT: 8.892 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

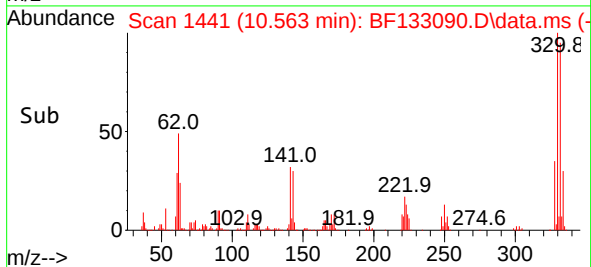
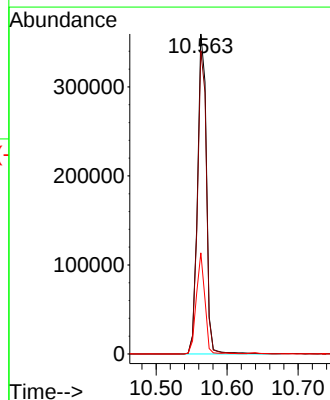
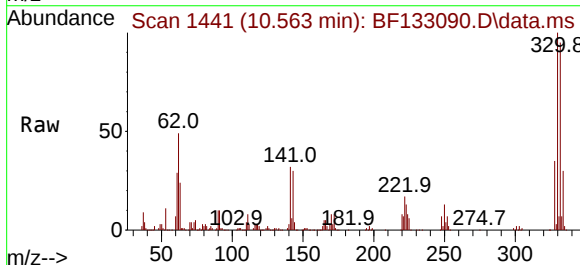
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

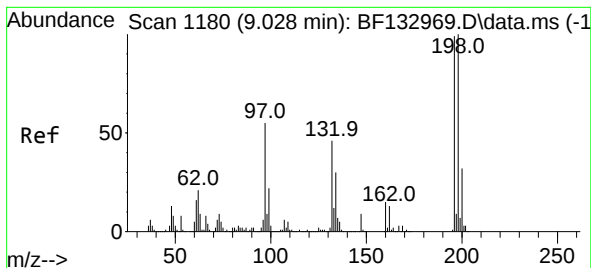
Tgt Ion:237 Resp: 221444
Ion Ratio Lower Upper
237 100
235 63.7 43.5 83.5
272 14.1 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 82.022 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:330 Resp: 314099
Ion Ratio Lower Upper
330 100
332 95.1 77.1 115.7
141 30.3 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 37.335 ng

RT: 9.016 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

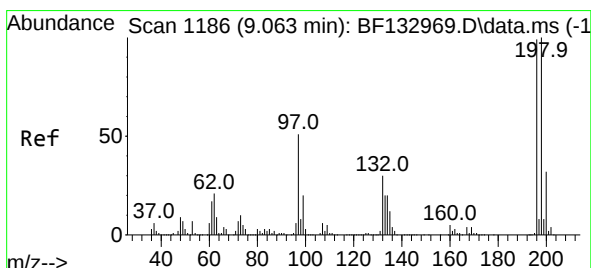
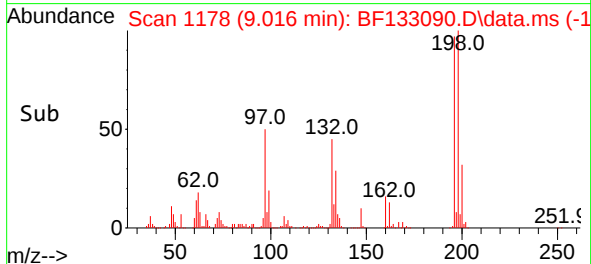
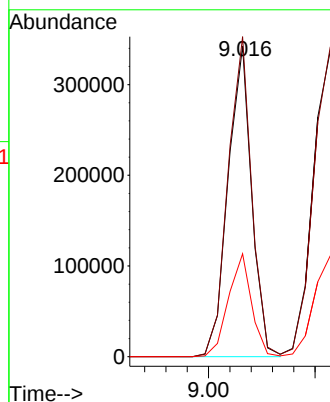
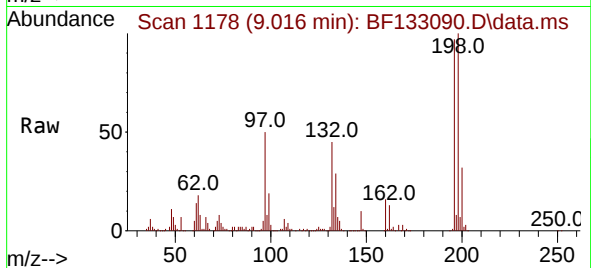
Tgt Ion:196 Resp: 264347

Ion Ratio Lower Upper

196 100

198 103.0 81.0 121.6

200 33.1 26.1 39.1



#44

2,4,5-Trichlorophenol

Concen: 39.371 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Tgt Ion:196 Resp: 322396

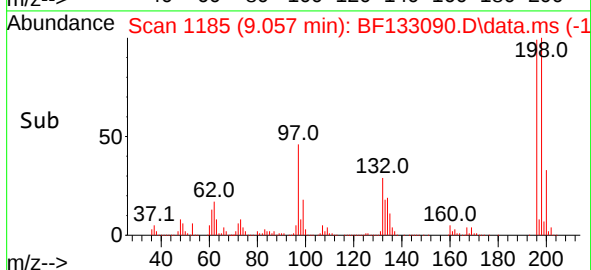
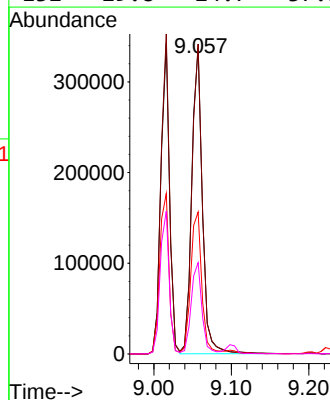
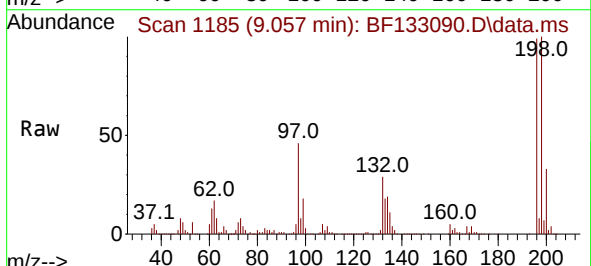
Ion Ratio Lower Upper

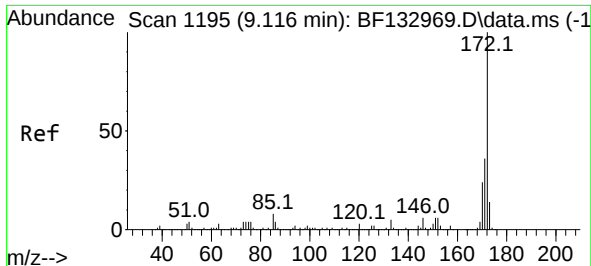
196 100

198 101.3 80.9 121.3

97 46.4 41.3 61.9

132 29.8 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 76.969 ng

RT: 9.098 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

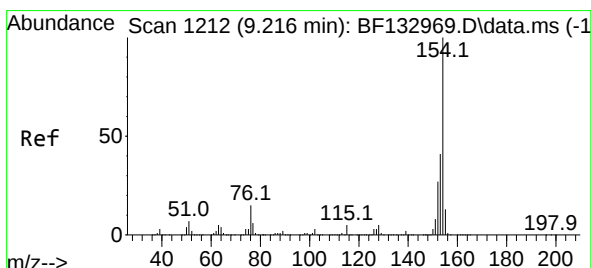
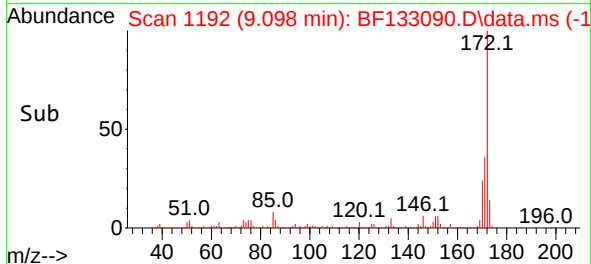
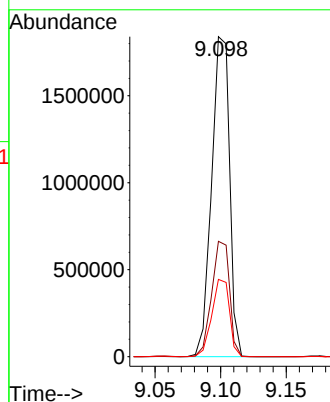
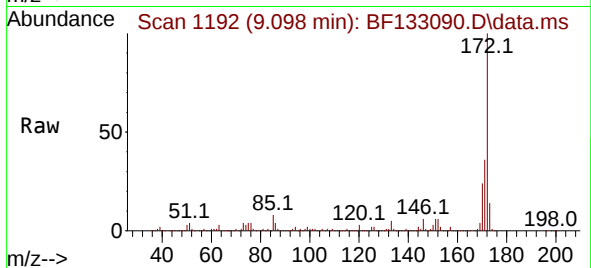
Tgt Ion:172 Resp: 1751829

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.2 19.4 29.2



#46

1,1'-Biphenyl

Concen: 37.190 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

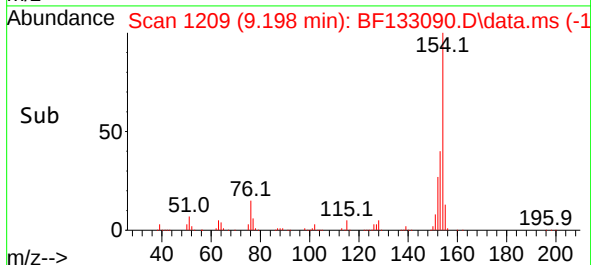
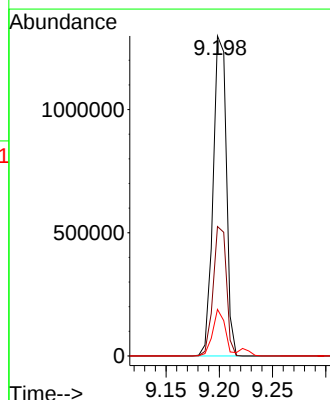
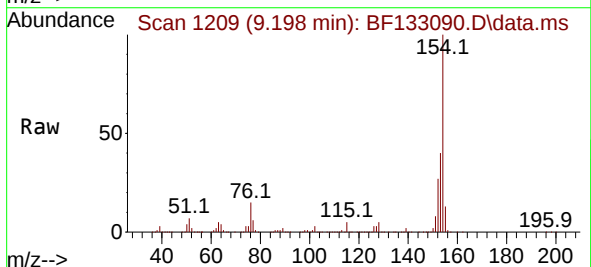
Tgt Ion:154 Resp: 1122922

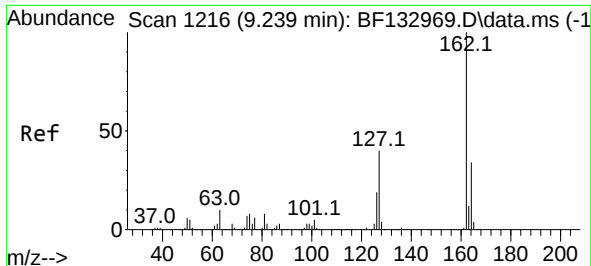
Ion Ratio Lower Upper

154 100

153 40.5 21.0 61.0

76 14.5 0.0 34.5

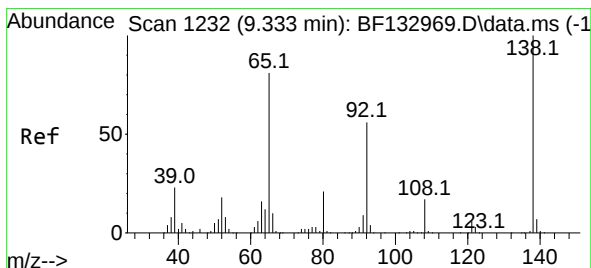
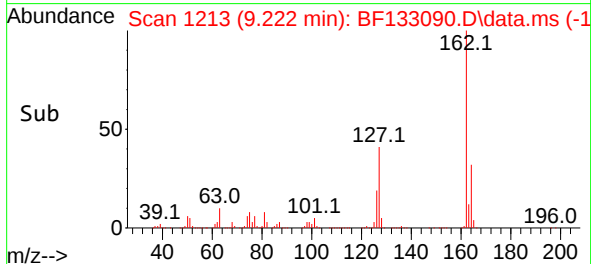
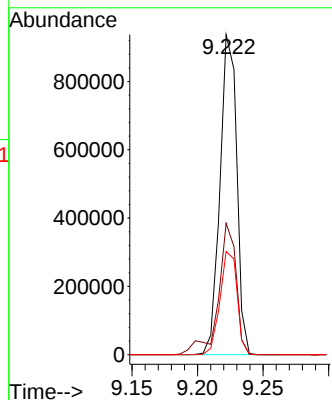
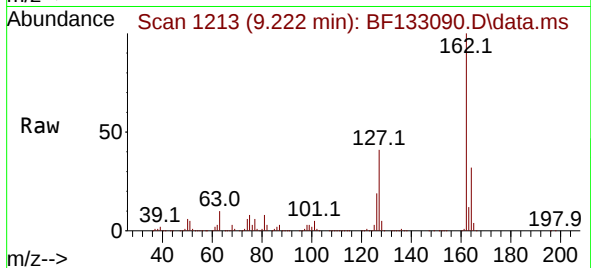




#47
2-Chloronaphthalene
Concen: 37.572 ng
RT: 9.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

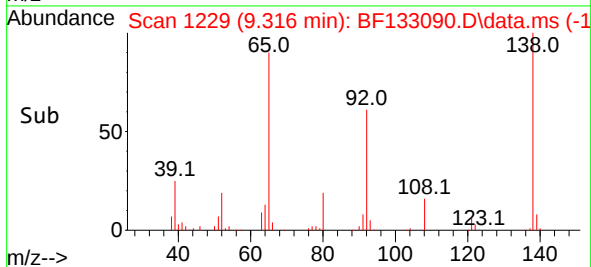
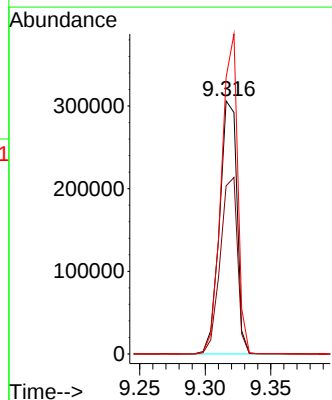
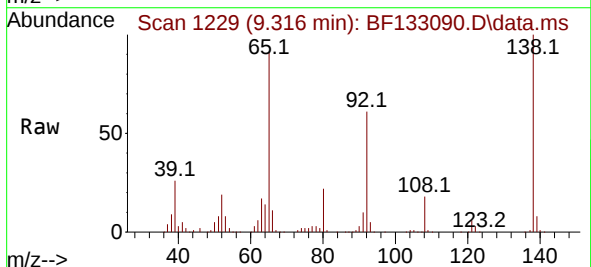
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

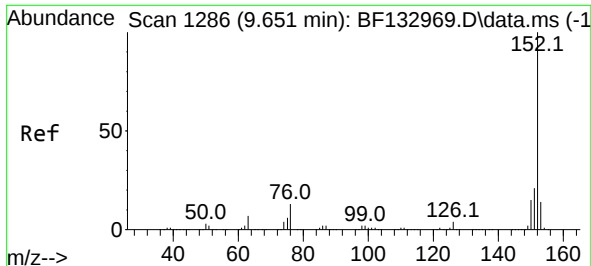
Tgt Ion:162 Resp: 830346
Ion Ratio Lower Upper
162 100
127 41.1 32.3 48.5
164 32.3 26.8 40.2



#48
2-Nitroaniline
Concen: 38.537 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion: 65 Resp: 281471
Ion Ratio Lower Upper
65 100
92 66.4 55.4 83.0
138 109.3 98.2 147.2





#49

Acenaphthylene

Concen: 37.442 ng

RT: 9.639 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

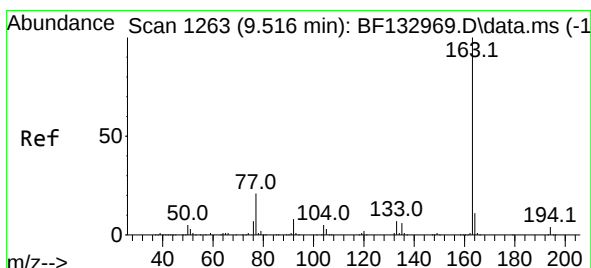
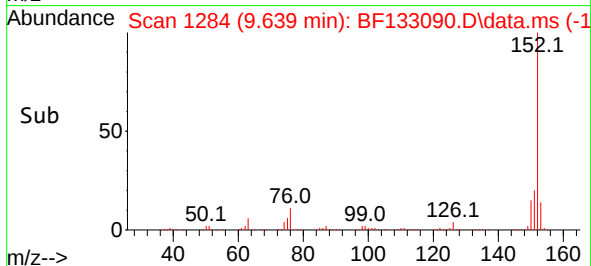
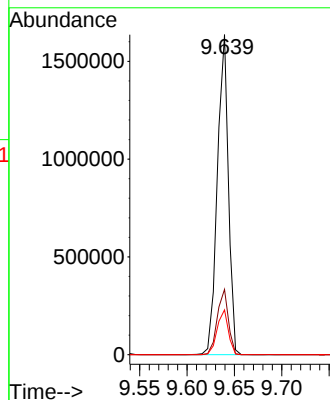
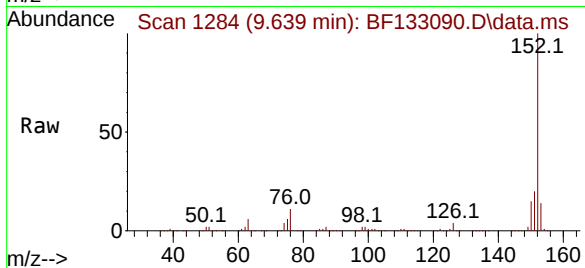
Tgt Ion:152 Resp: 1322173

Ion Ratio Lower Upper

152 100

151 20.4 16.6 24.8

153 14.0 11.5 17.3



#50

Dimethylphthalate

Concen: 37.840 ng

RT: 9.504 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

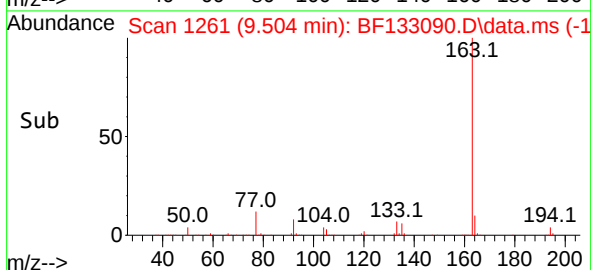
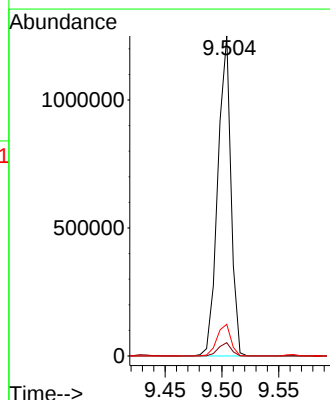
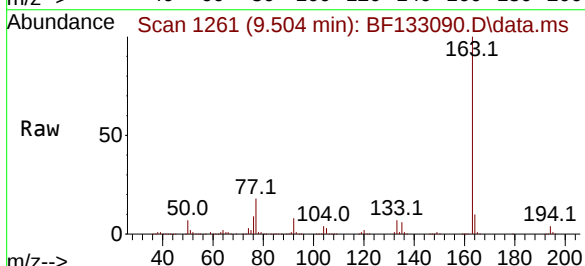
Tgt Ion:163 Resp: 1004697

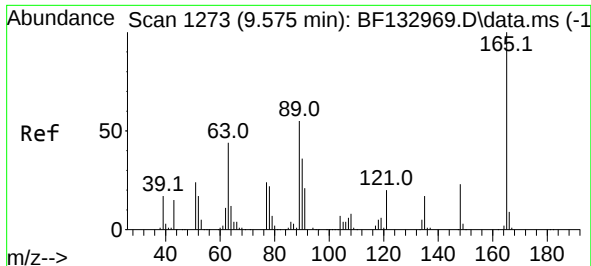
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 9.9 8.5 12.7

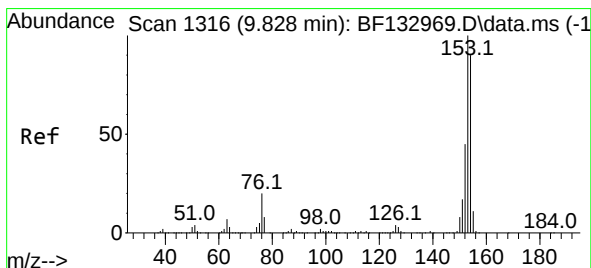
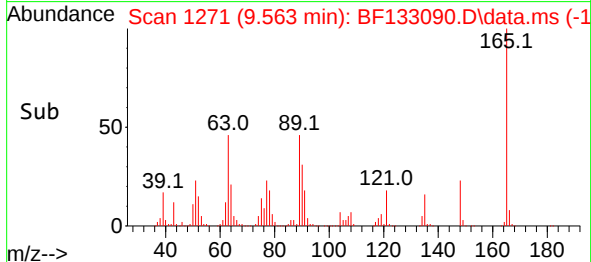
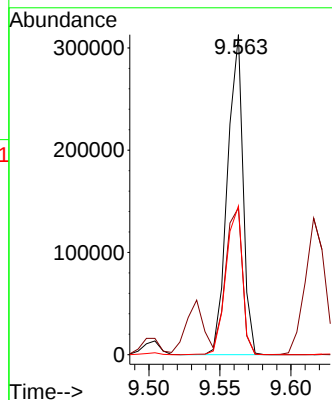
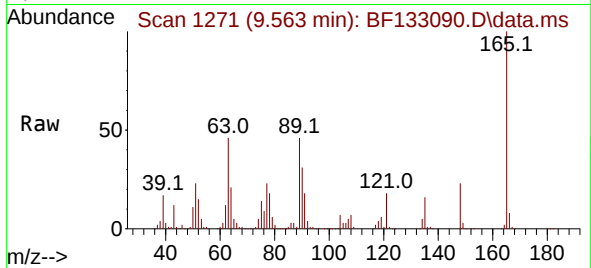




#51
2,6-Dinitrotoluene
Concen: 39.709 ng
RT: 9.563 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

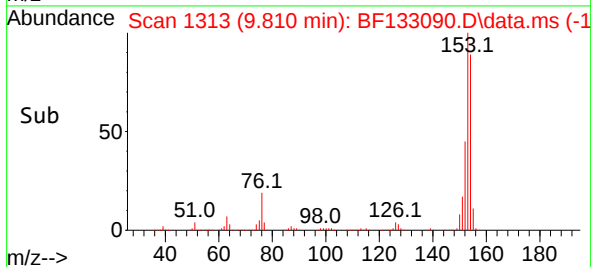
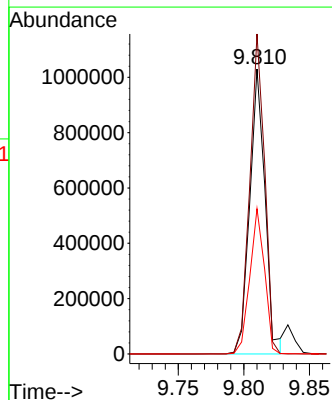
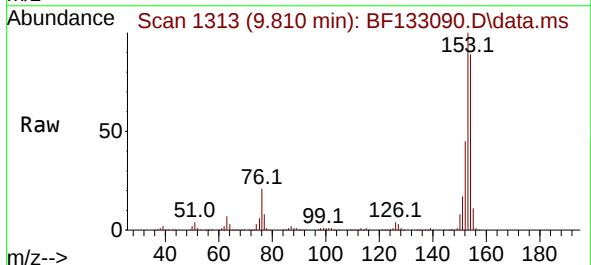
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

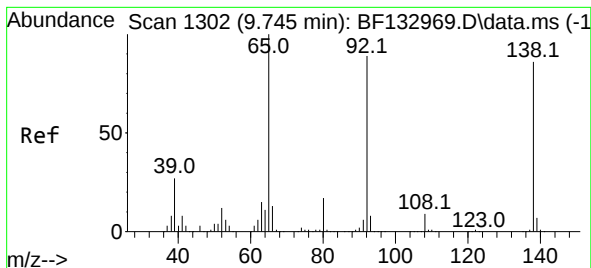
Tgt Ion:165 Resp: 237297
Ion Ratio Lower Upper
165 100
63 45.9 45.9 68.9#
89 46.4 44.0 66.0



#52
Acenaphthene
Concen: 35.272 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:154 Resp: 834203
Ion Ratio Lower Upper
154 100
153 112.3 89.0 133.6
152 51.0 40.4 60.6





#53

3-Nitroaniline

Concen: 41.154 ng

RT: 9.734 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

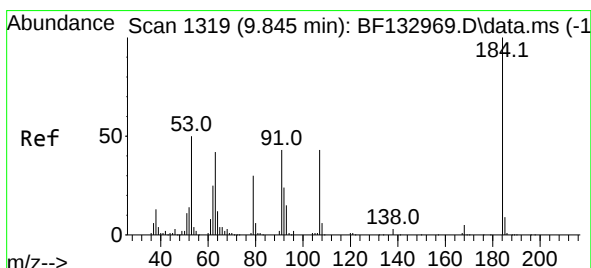
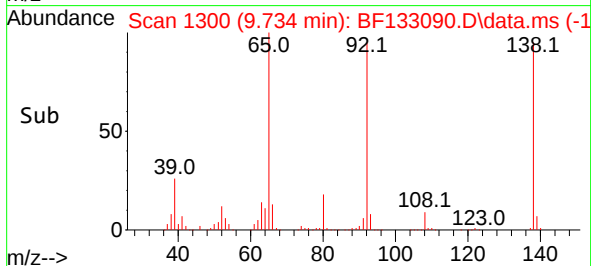
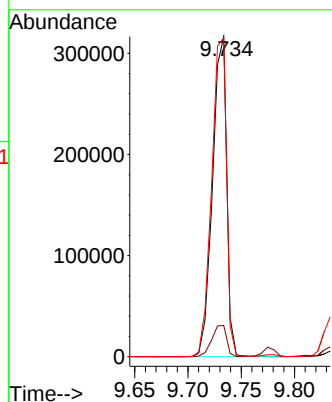
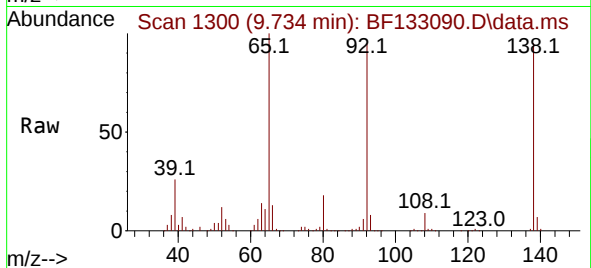
Tgt Ion:138 Resp: 292422

Ion Ratio Lower Upper

138 100

108 9.8 8.0 12.0

92 99.6 83.6 125.4



#54

2,4-Dinitrophenol

Concen: 45.601 ng

RT: 9.834 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

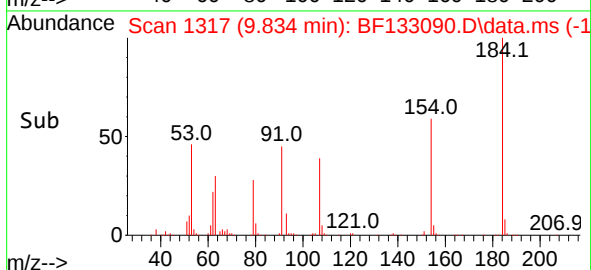
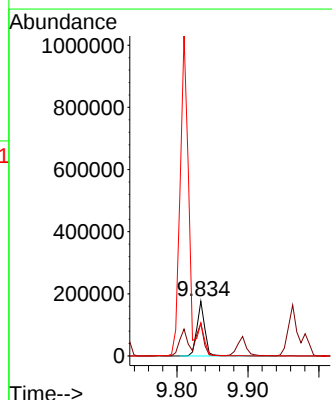
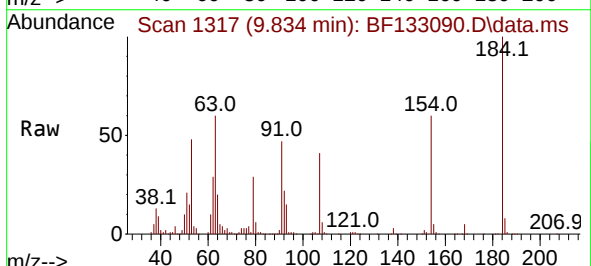
Tgt Ion:184 Resp: 136975

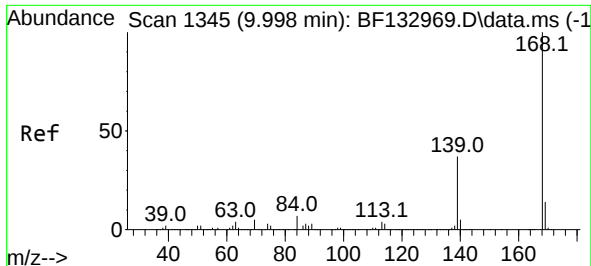
Ion Ratio Lower Upper

184 100

63 60.0 49.8 74.8

154 59.7 49.5 74.3

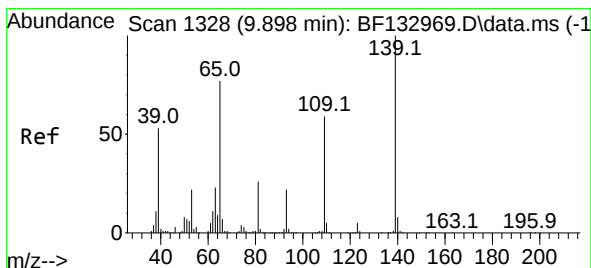
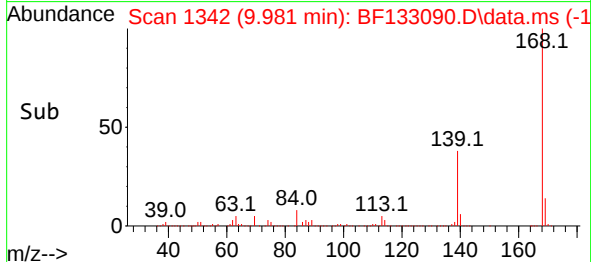
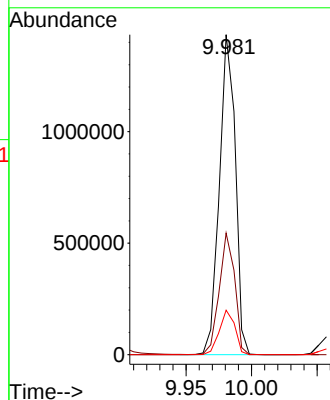
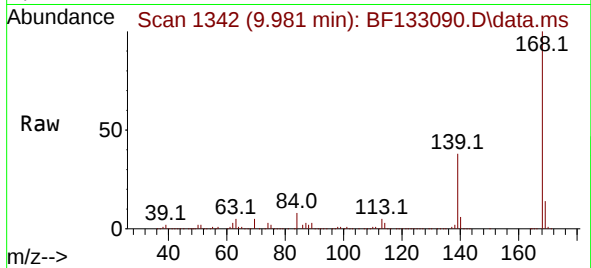




#55
Dibenzenofuran
Concen: 37.487 ng
RT: 9.981 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

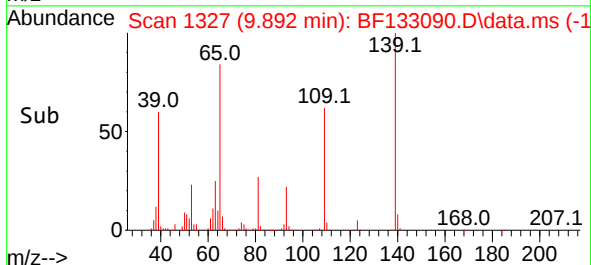
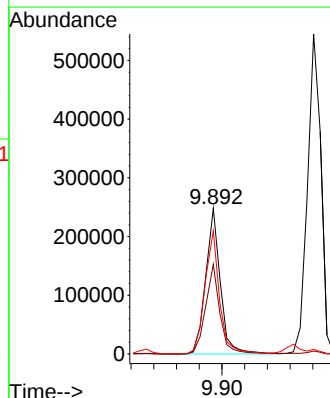
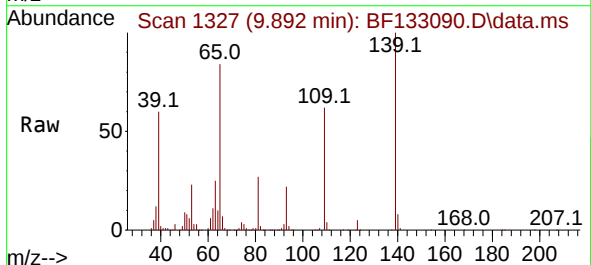
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

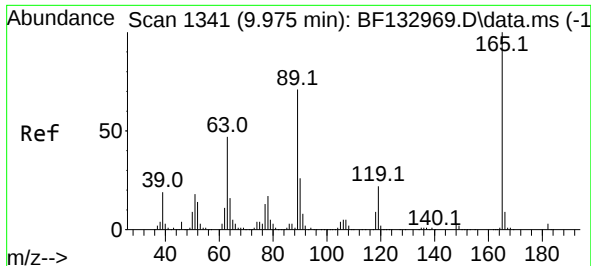
Tgt Ion:168 Resp: 1209408
Ion Ratio Lower Upper
168 100
139 38.0 29.8 44.8
169 13.9 10.8 16.2



#56
4-Nitrophenol
Concen: 40.468 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:139 Resp: 222708
Ion Ratio Lower Upper
139 100
109 61.5 39.4 79.4
65 84.4 57.5 97.5

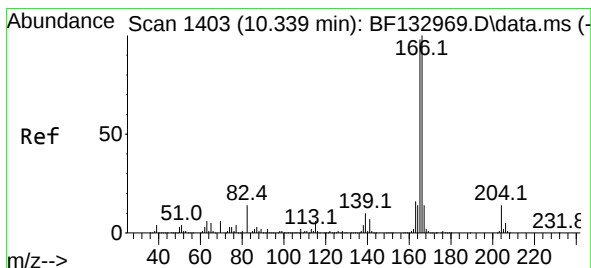
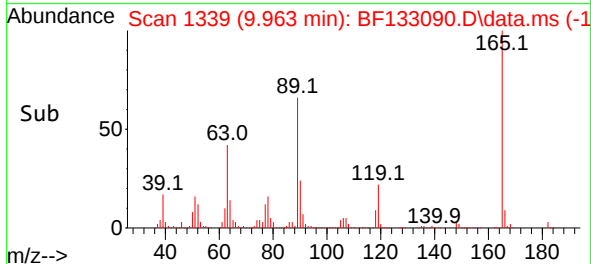
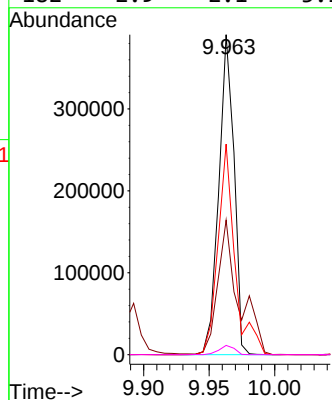
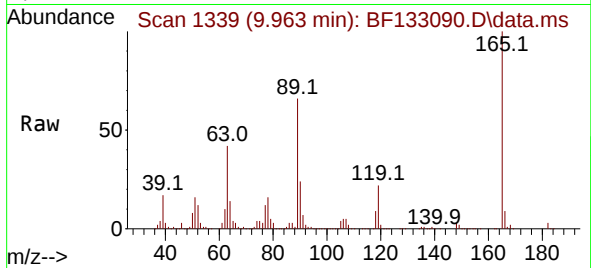




#57
2,4-Dinitrotoluene
Concen: 41.275 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

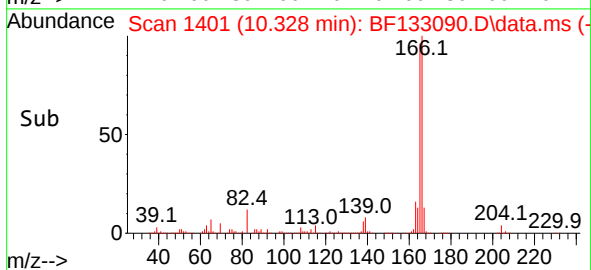
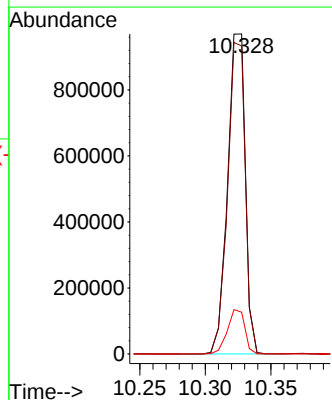
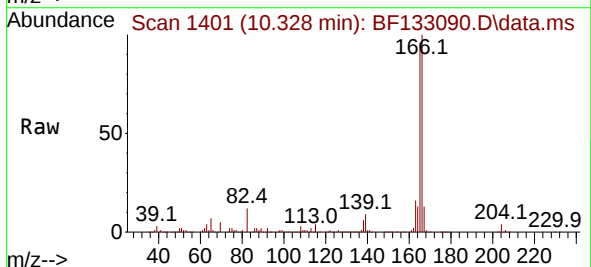
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

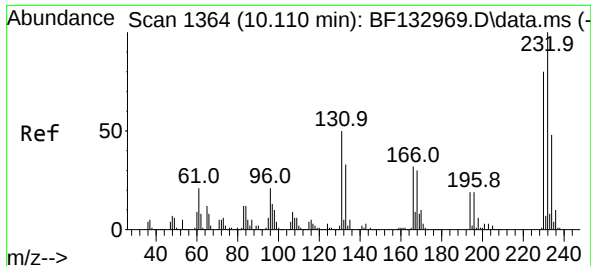
Tgt Ion:165 Resp: 314556
Ion Ratio Lower Upper
165 100
63 42.0 37.7 56.5
89 65.8 57.0 85.4
182 2.9 2.1 3.1



#58
Fluorene
Concen: 38.558 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:166 Resp: 911354
Ion Ratio Lower Upper
166 100
165 96.3 78.6 117.8
167 13.1 11.0 16.4

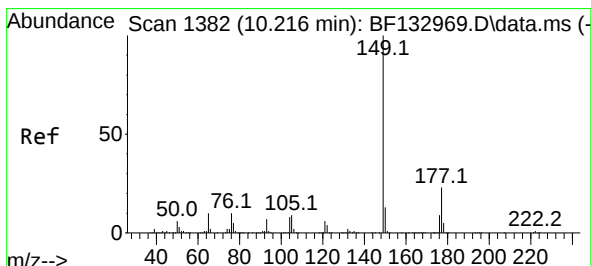
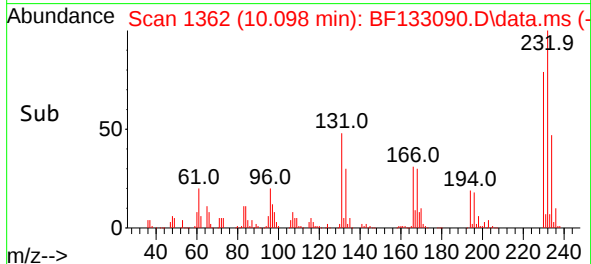
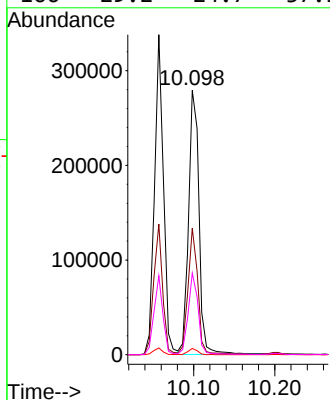
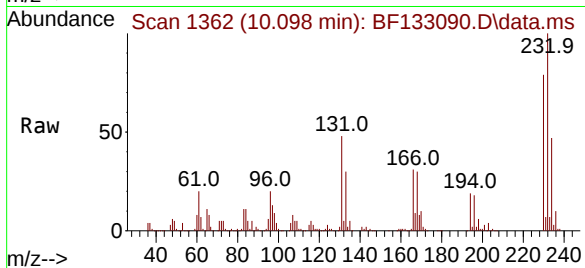




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.306 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

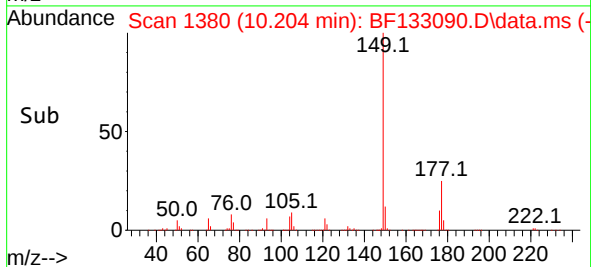
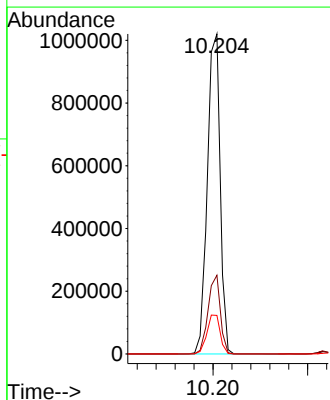
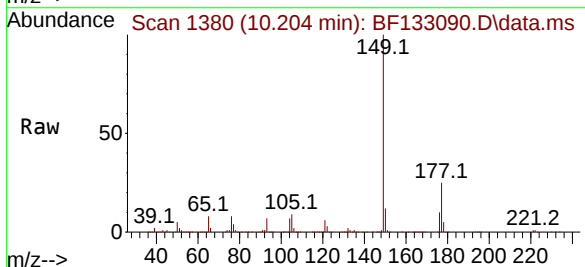
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

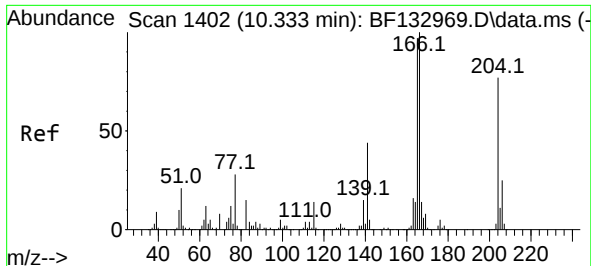
Tgt Ion:232 Resp: 249528
Ion Ratio Lower Upper
232 100
131 44.8 38.0 57.0
130 2.1 1.8 2.8
166 29.2 24.7 37.1



#60
Diethylphthalate
Concen: 38.079 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:149 Resp: 954977
Ion Ratio Lower Upper
149 100
177 24.6 18.2 27.4
150 12.1 10.2 15.4

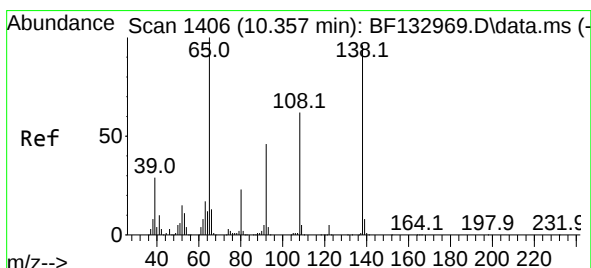
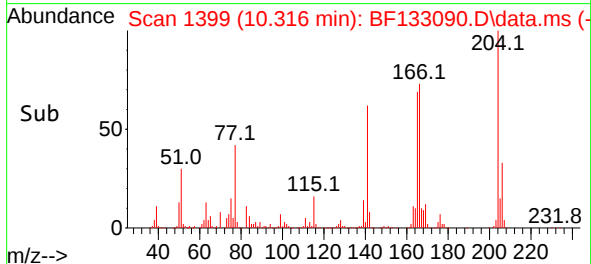
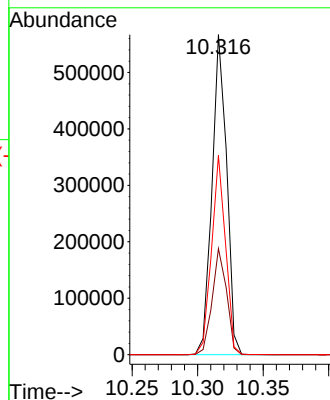
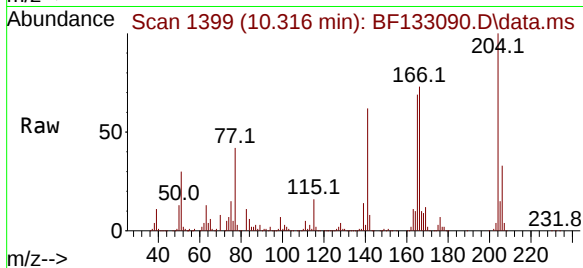




#61
4-Chlorophenyl-phenylether
Concen: 38.129 ng
RT: 10.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

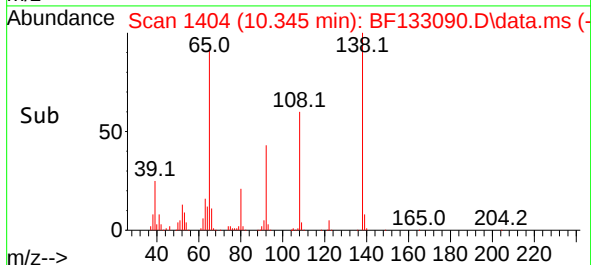
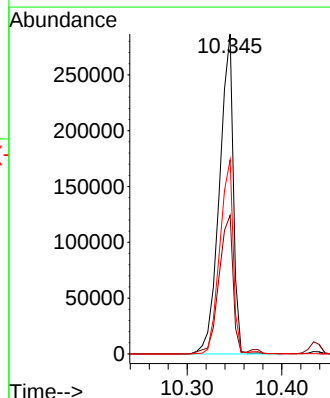
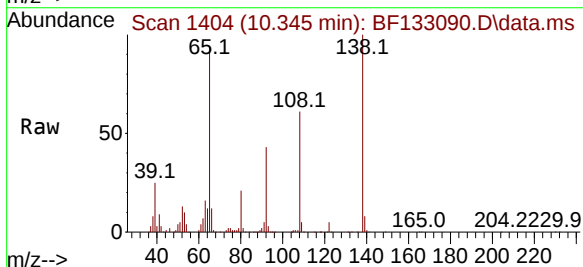
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

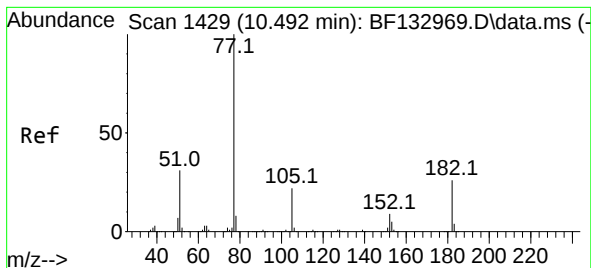
Tgt Ion:204 Resp: 439184
Ion Ratio Lower Upper
204 100
206 33.2 26.1 39.1
141 62.2 46.1 69.1



#62
4-Nitroaniline
Concen: 44.641 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:138 Resp: 291535
Ion Ratio Lower Upper
138 100
92 43.4 27.7 67.7
108 60.7 45.2 85.2





#63

Azobenzene

Concen: 35.403 ng

RT: 10.475 min Scan# 1429

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 940554

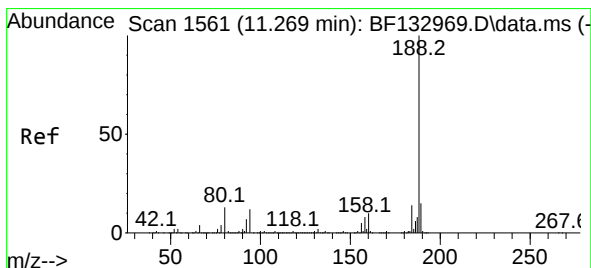
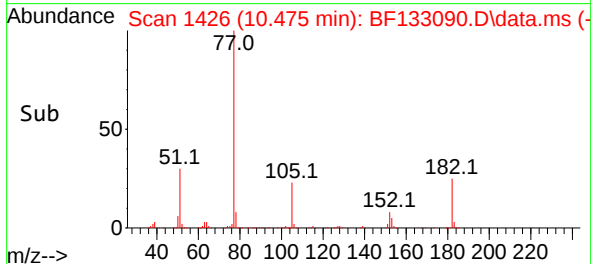
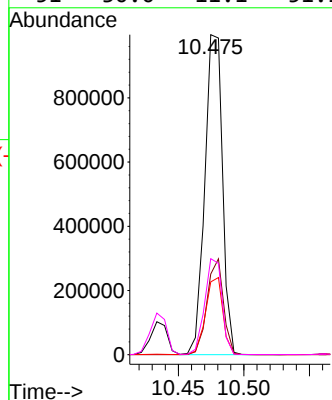
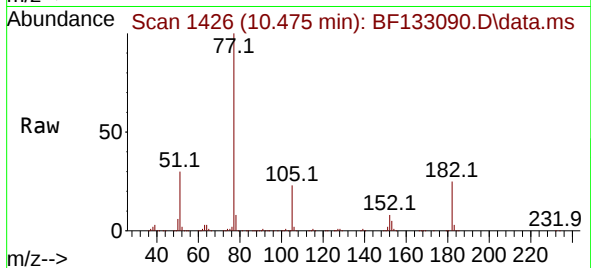
Ion Ratio Lower Upper

77 100

182 25.2 5.9 45.9

105 22.8 2.3 42.3

51 30.0 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: BF133090.D

Acq: 27 Apr 2023 09:59

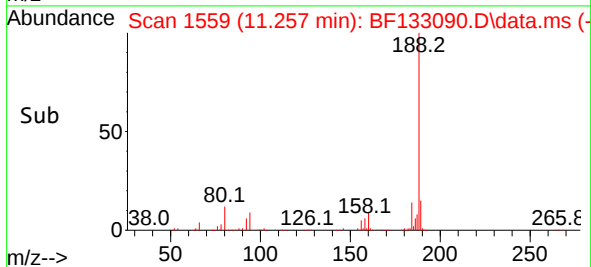
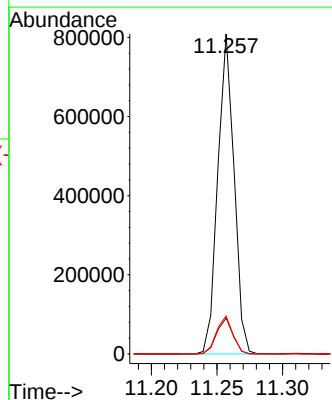
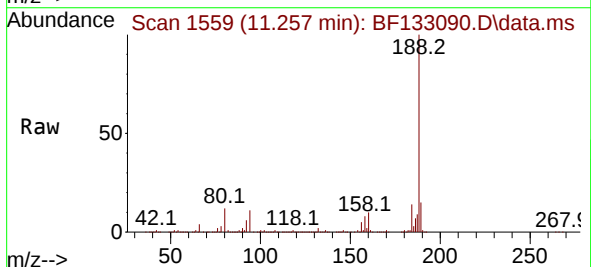
Tgt Ion: 188 Resp: 697429

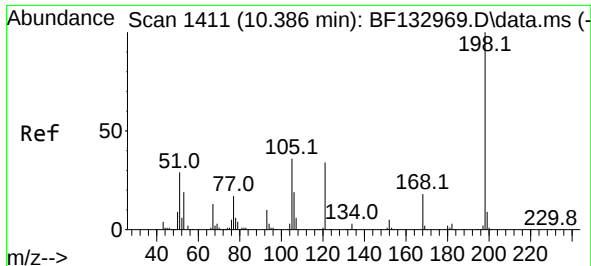
Ion Ratio Lower Upper

188 100

94 11.2 9.7 14.5

80 11.9 10.4 15.6

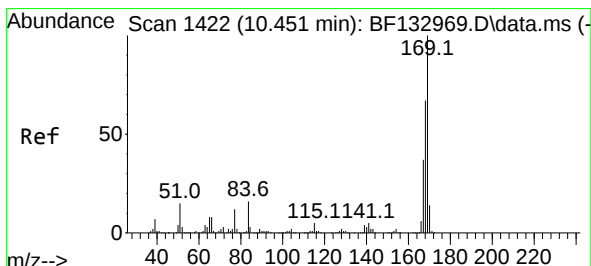
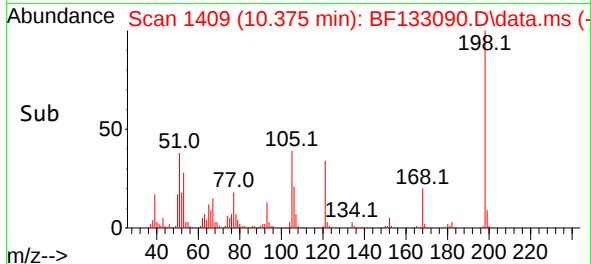
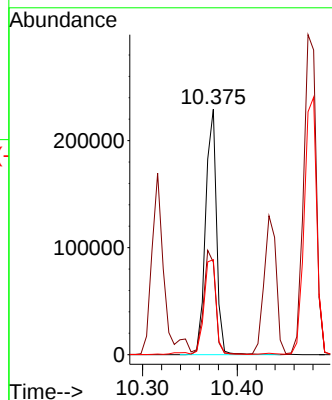
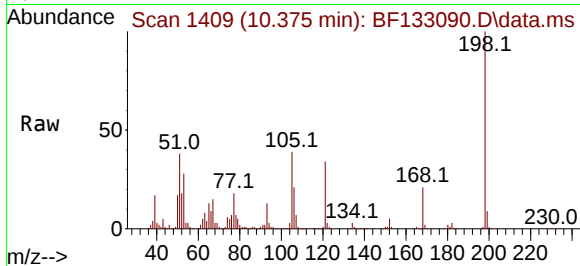




#65
4,6-Dinitro-2-methylphenol
Concen: 43.507 ng
RT: 10.375 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

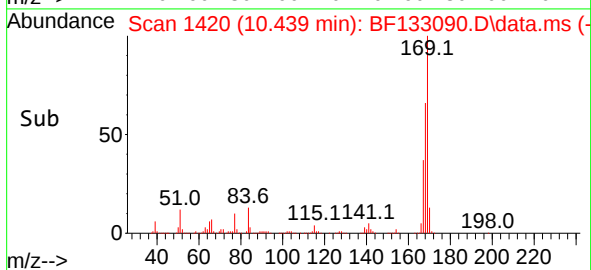
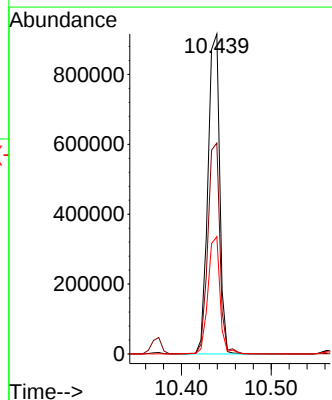
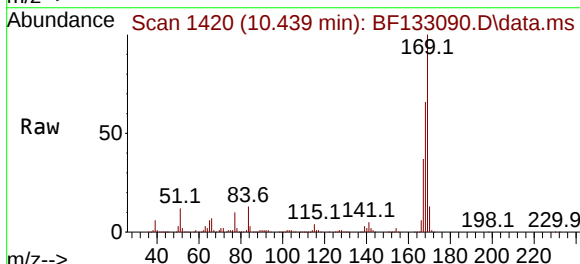
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

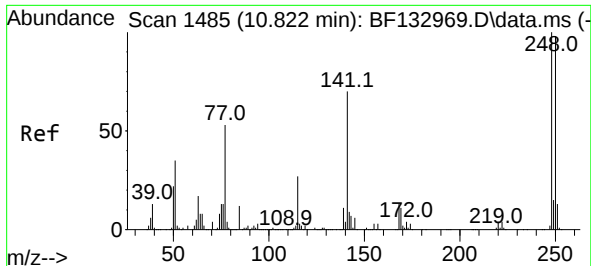
Tgt Ion:198 Resp: 183915
Ion Ratio Lower Upper
198 100
51 37.7 15.5 55.5
105 38.7 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 36.801 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:169 Resp: 832546
Ion Ratio Lower Upper
169 100
168 65.9 53.8 80.8
167 36.6 29.7 44.5

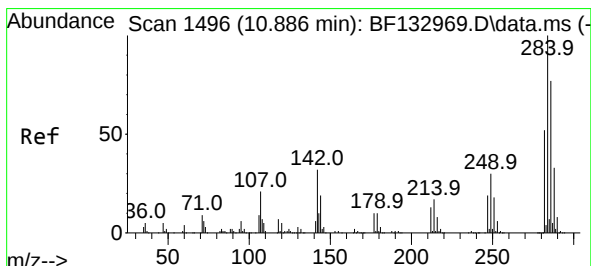
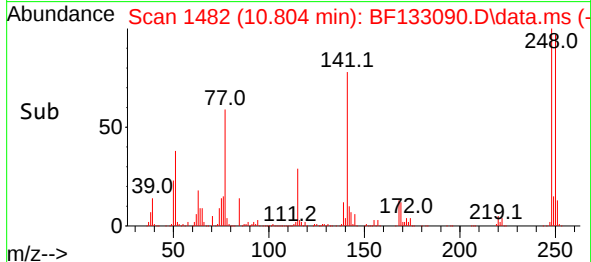
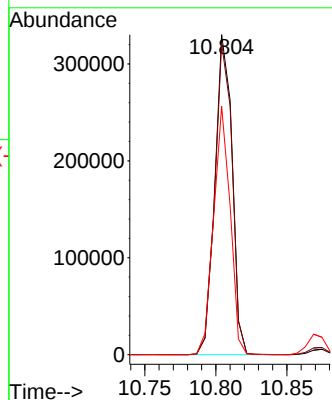
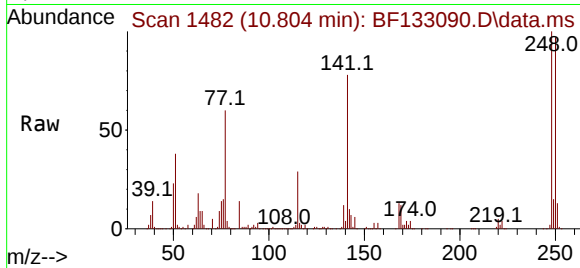




#67
4-Bromophenyl-phenylether
Concen: 36.748 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

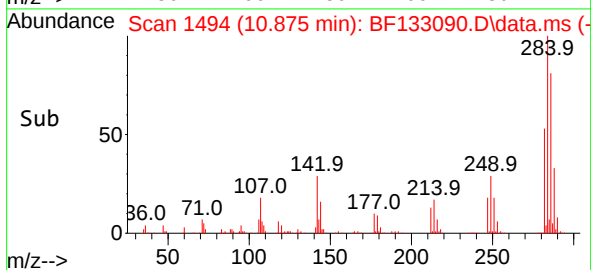
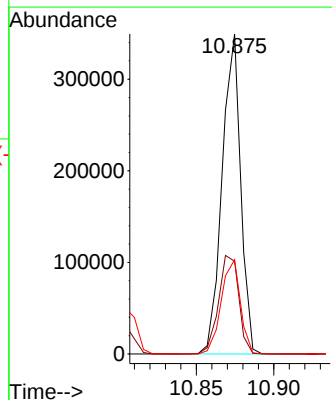
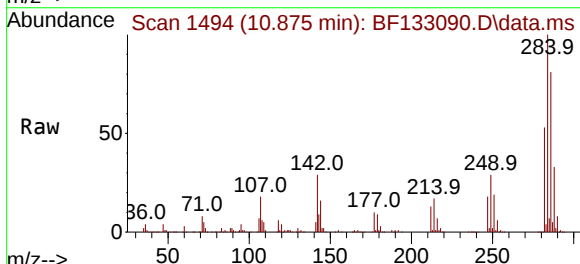
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

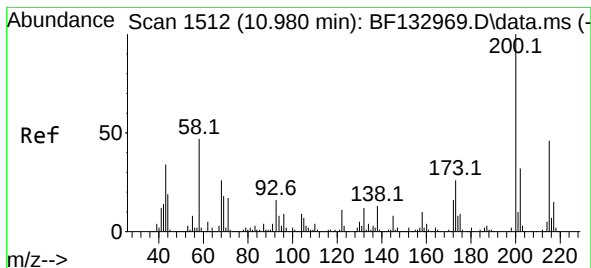
Tgt Ion:248 Resp: 277959
Ion Ratio Lower Upper
248 100
250 97.3 78.7 118.1
141 77.7 56.3 84.5



#68
Hexachlorobenzene
Concen: 37.418 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:284 Resp: 290014
Ion Ratio Lower Upper
284 100
142 29.0 26.0 39.0
249 29.5 23.7 35.5





#69

Atrazine

Concen: 39.090 ng

RT: 10.963 min Scan# 1509

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

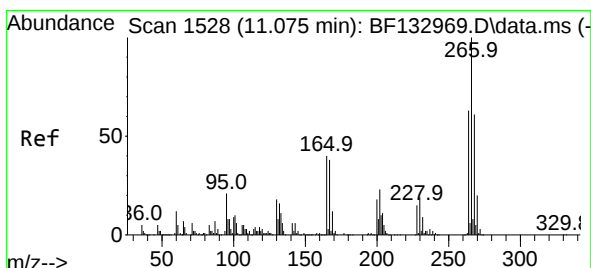
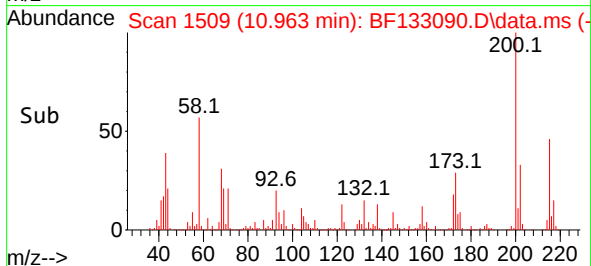
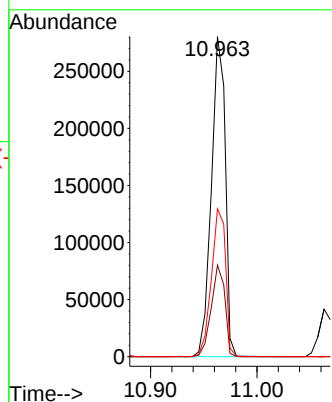
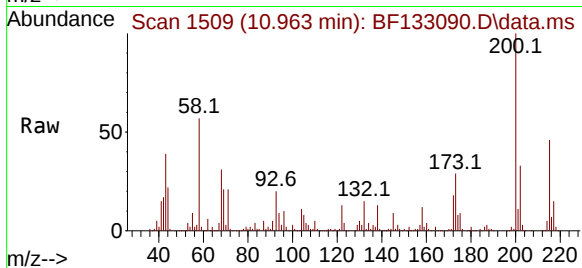
Tgt Ion:200 Resp: 254815

Ion Ratio Lower Upper

200 100

173 28.6 6.2 46.2

215 46.2 26.3 66.3



#70

Pentachlorophenol

Concen: 39.368 ng

RT: 11.063 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

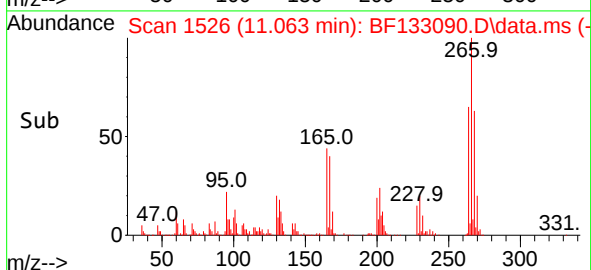
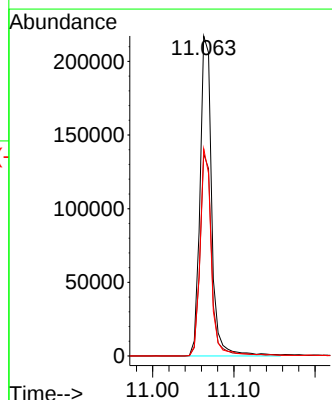
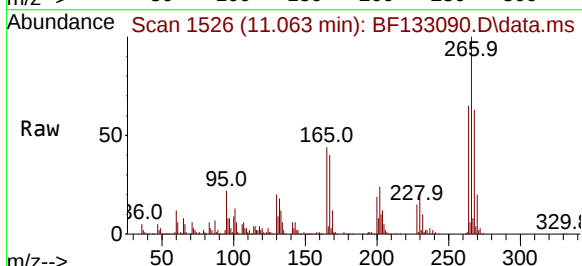
Tgt Ion:266 Resp: 217311

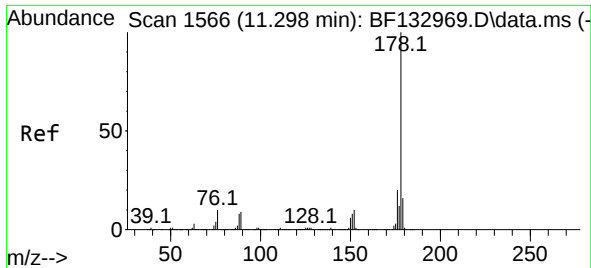
Ion Ratio Lower Upper

266 100

268 63.2 48.8 73.2

264 64.7 50.6 76.0

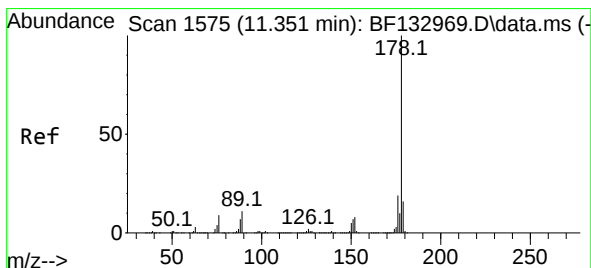
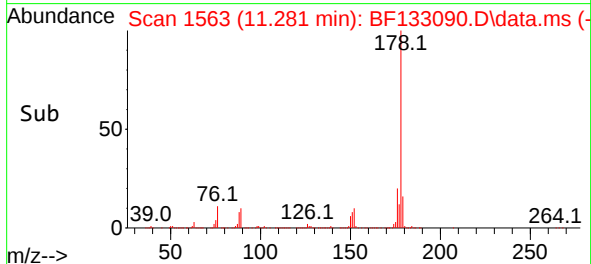
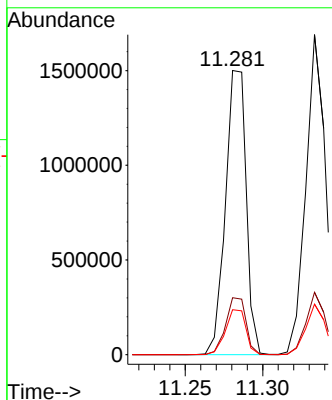
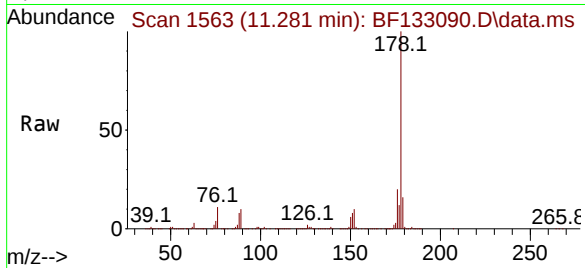




#71
Phenanthrene
Concen: 37.313 ng
RT: 11.281 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

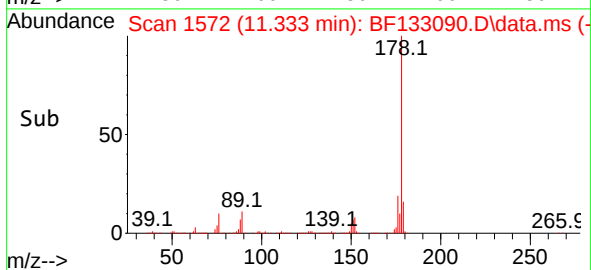
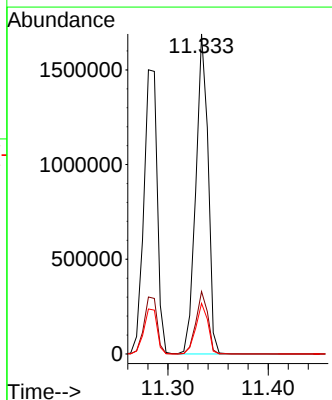
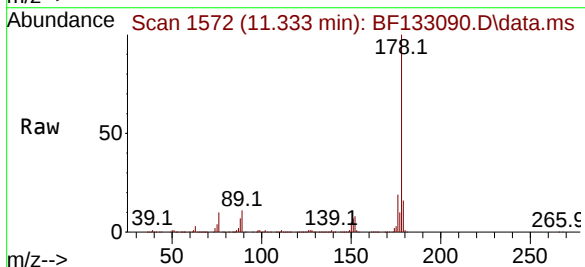
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

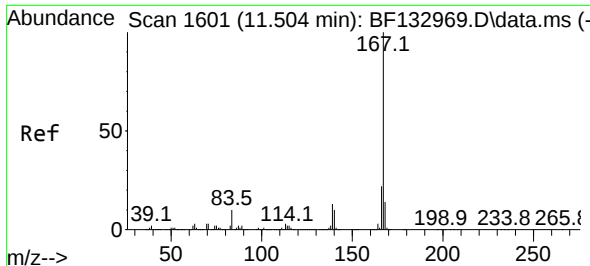
Tgt Ion:178 Resp: 1398656
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.8 12.5 18.7



#72
Anthracene
Concen: 37.550 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:178 Resp: 1440486
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.8 12.4 18.6

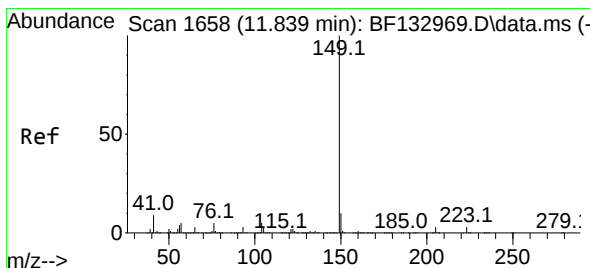
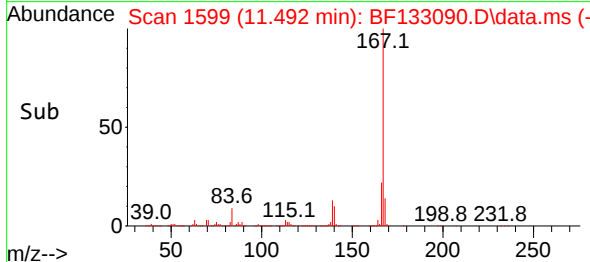
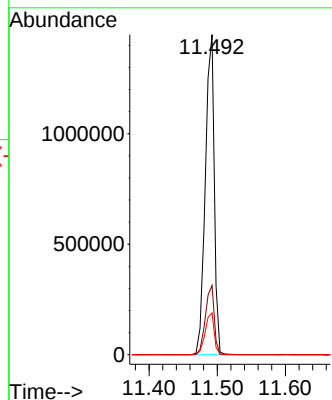
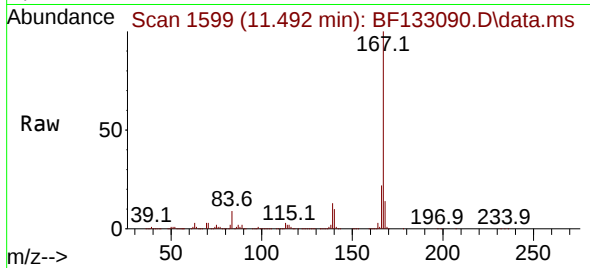




#73
 Carbazole
 Concen: 38.674 ng
 RT: 11.492 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133090.D
 Acq: 27 Apr 2023 09:59

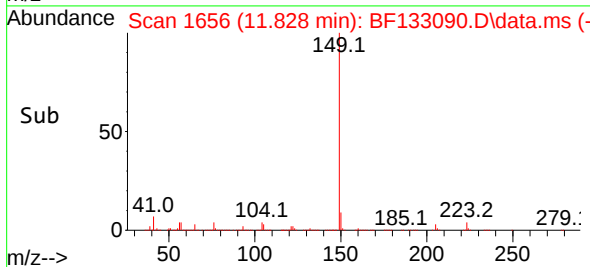
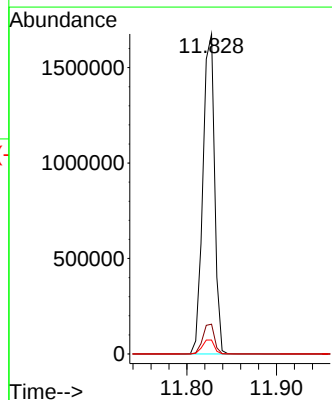
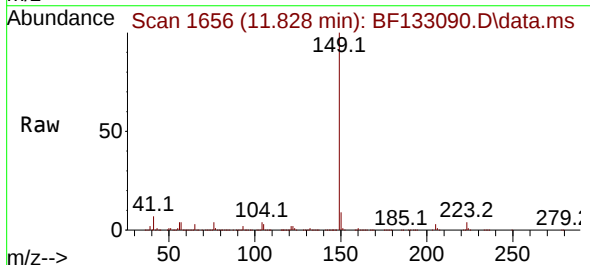
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

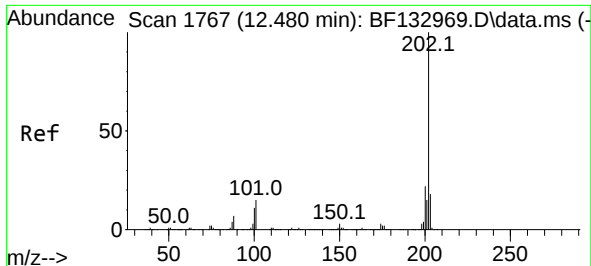
Tgt Ion:167 Resp: 1321047
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.1 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 39.240 ng
 RT: 11.828 min Scan# 1656
 Delta R.T. 0.000 min
 Lab File: BF133090.D
 Acq: 27 Apr 2023 09:59

Tgt Ion:149 Resp: 1516838
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 4.4 4.0 6.0

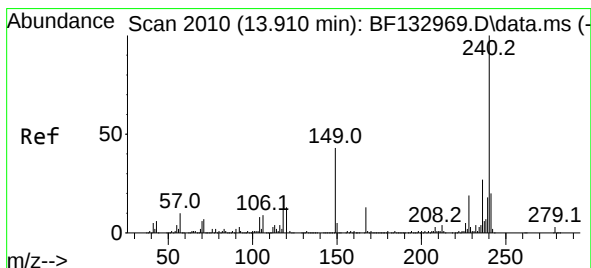
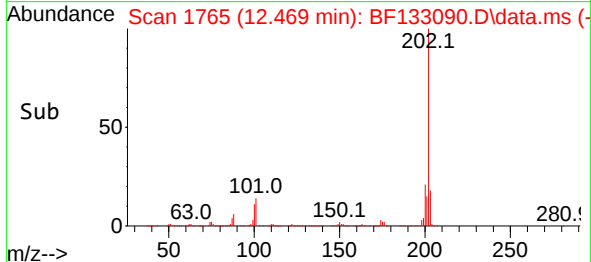
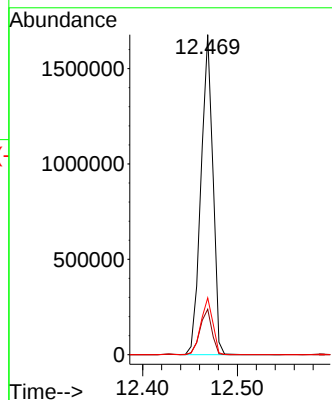
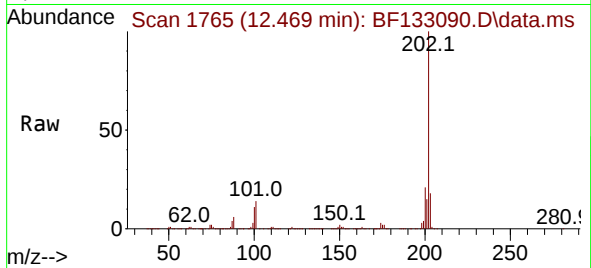




#75
Fluoranthene
Concen: 39.065 ng
RT: 12.469 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

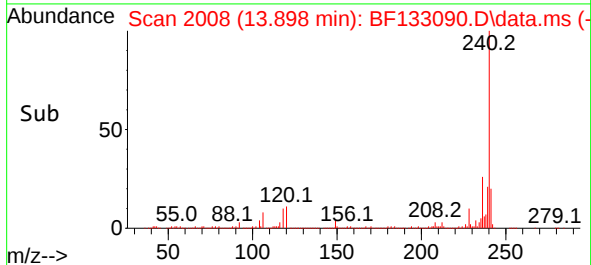
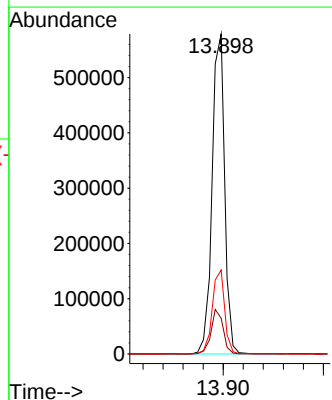
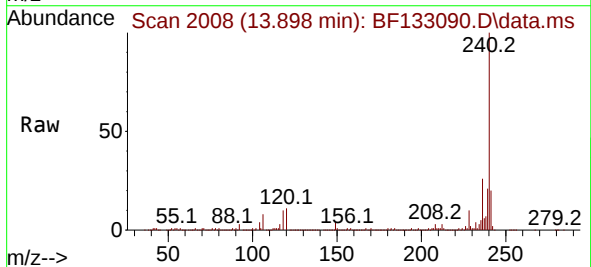
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

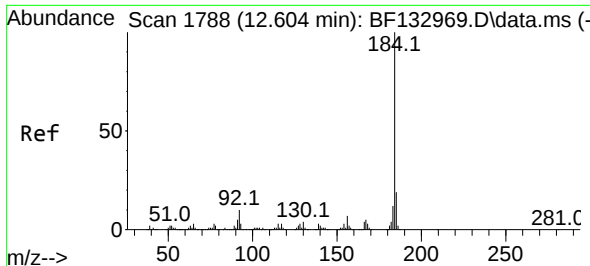
Tgt Ion:202 Resp: 1469649
Ion Ratio Lower Upper
202 100
101 14.2 0.0 35.3
203 17.8 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:240 Resp: 504844
Ion Ratio Lower Upper
240 100
120 11.1 10.5 15.7
236 26.2 21.5 32.3

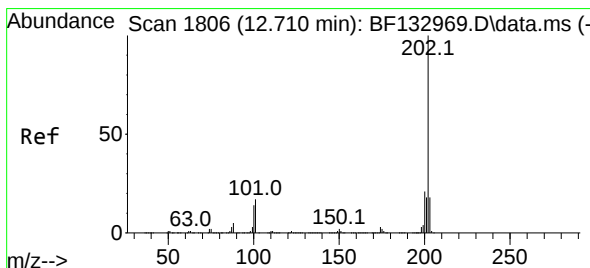
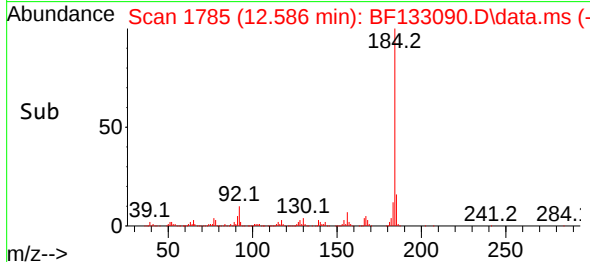
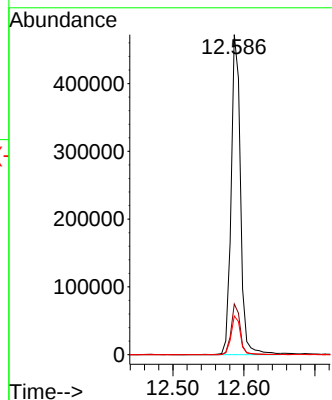
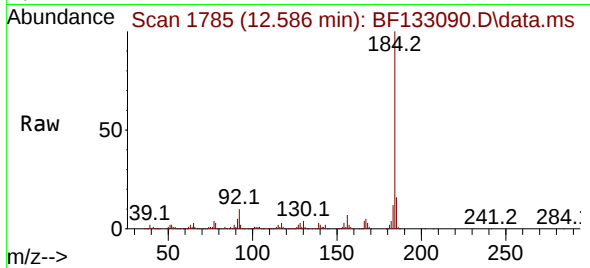




#77
Benzidine
Concen: 50.569 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

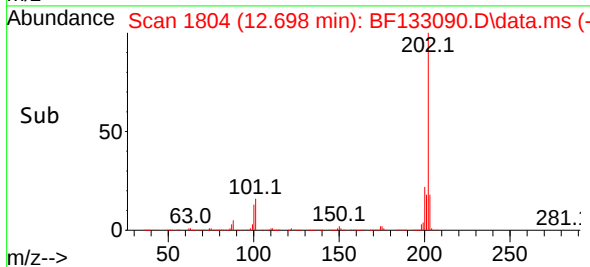
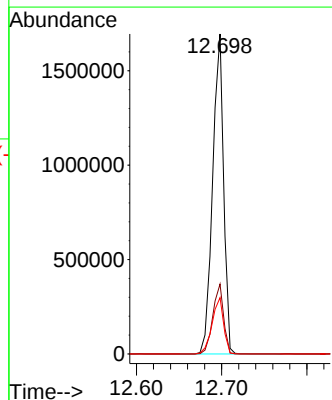
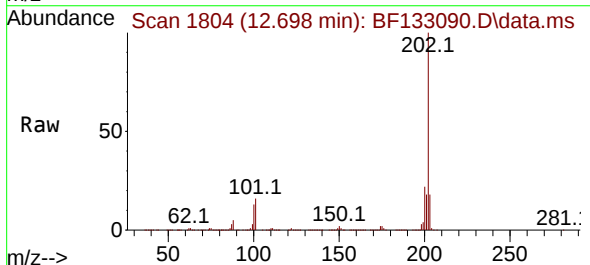
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

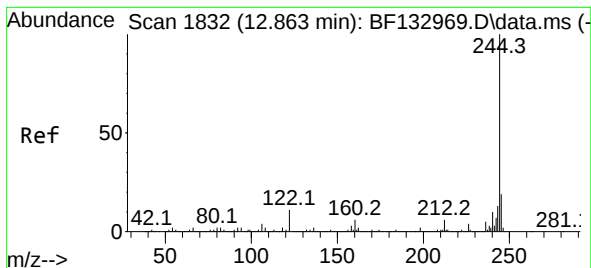
Tgt Ion:184 Resp: 431713
Ion Ratio Lower Upper
184 100
185 15.9 15.4 23.2
183 12.1 9.4 14.0



#78
Pyrene
Concen: 34.957 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:202 Resp: 1512807
Ion Ratio Lower Upper
202 100
200 21.9 17.1 25.7
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 69.573 ng

RT: 12.845 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

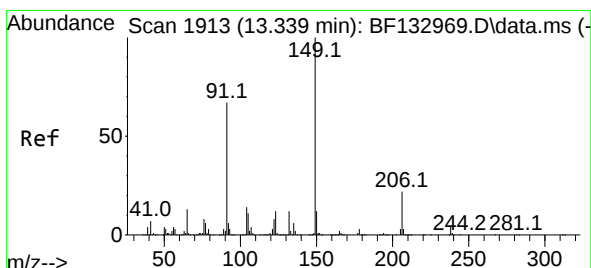
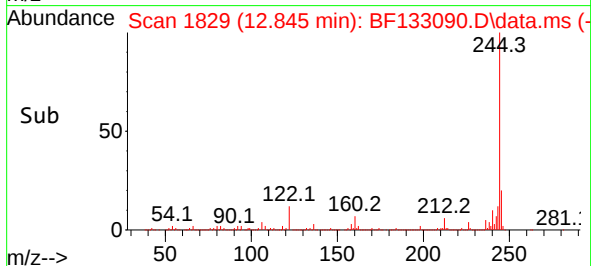
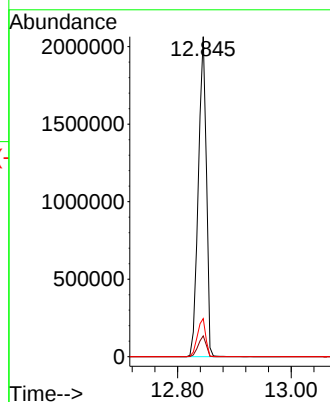
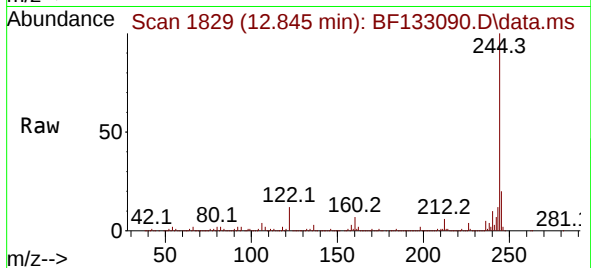
Tgt Ion:244 Resp: 2036532

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 11.9 8.6 13.0



#80

Butylbenzylphthalate

Concen: 41.978 ng

RT: 13.322 min Scan# 1910

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

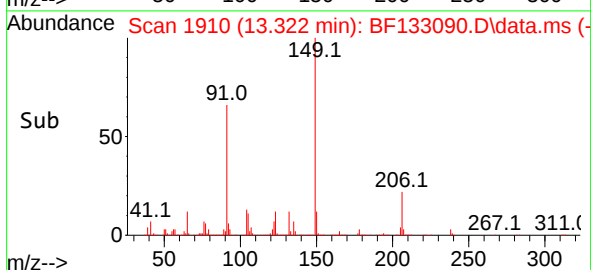
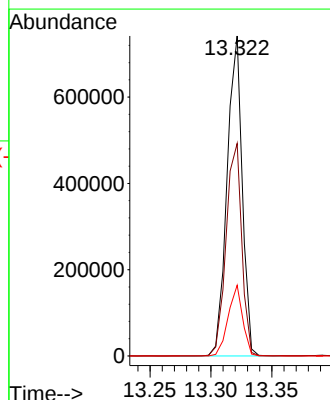
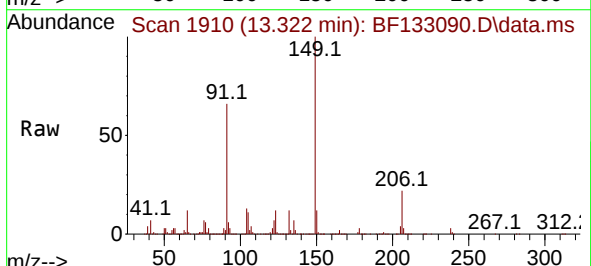
Tgt Ion:149 Resp: 643238

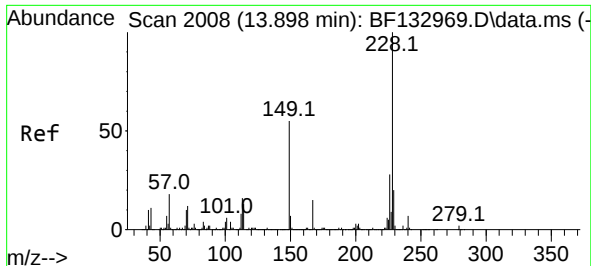
Ion Ratio Lower Upper

149 100

91 66.4 53.8 80.6

206 22.1 17.5 26.3

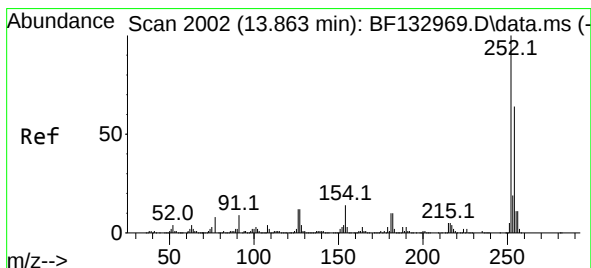
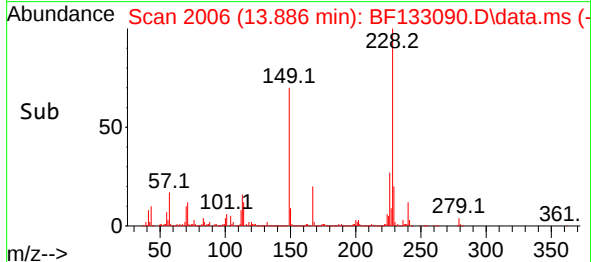
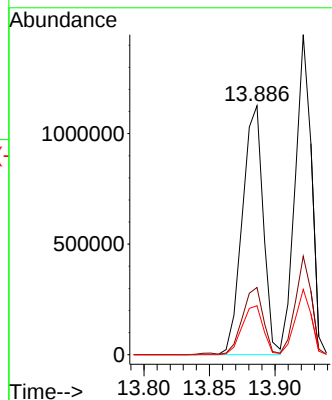
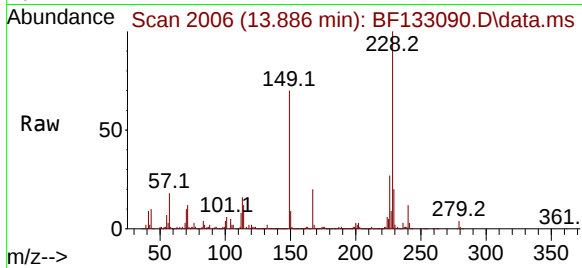




#81
Benzo(a)anthracene
Concen: 36.067 ng
RT: 13.886 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

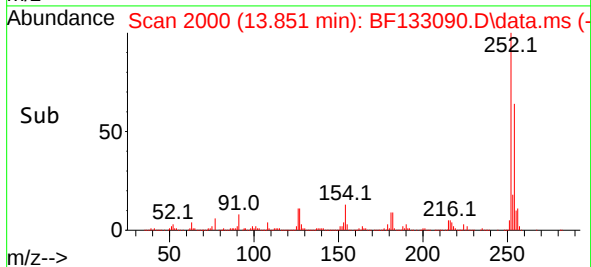
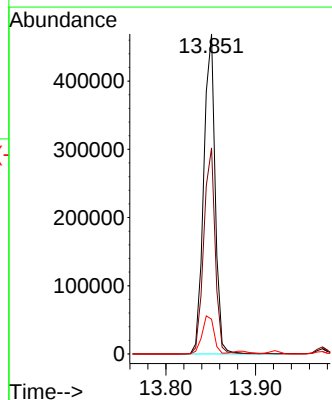
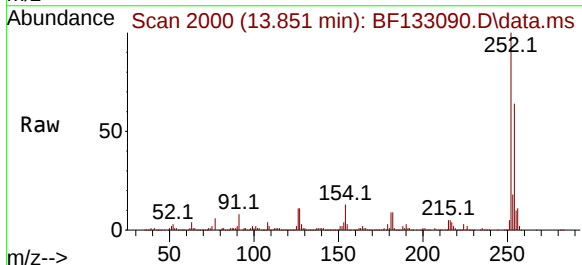
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

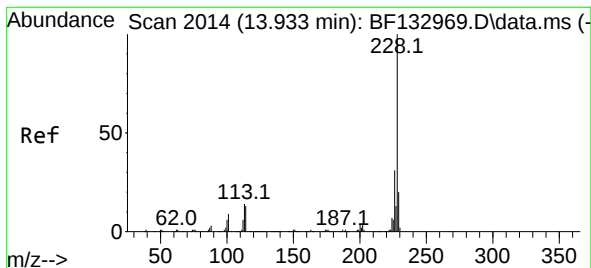
Tgt Ion:228 Resp: 1252128
Ion Ratio Lower Upper
228 100
226 27.0 22.2 33.4
229 19.7 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 43.286 ng
RT: 13.851 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:252 Resp: 415134
Ion Ratio Lower Upper
252 100
254 64.4 51.5 77.3
126 10.9 9.5 14.3





#83

Chrysene

Concen: 35.936 ng

RT: 13.922 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

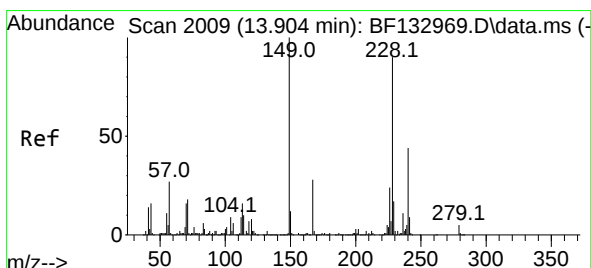
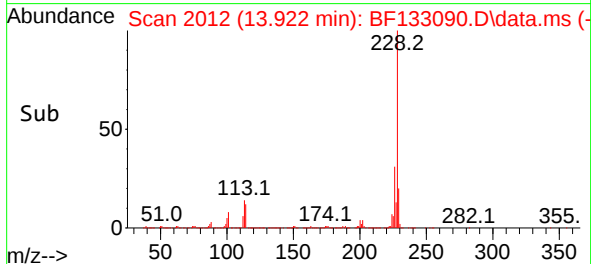
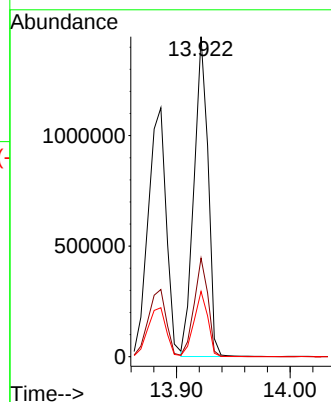
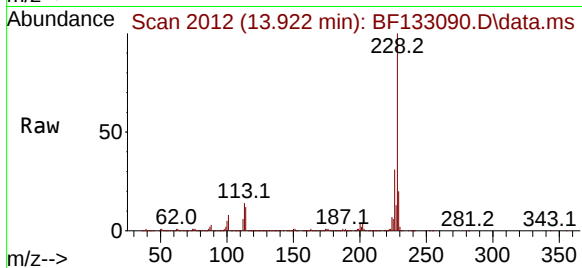
Tgt Ion:228 Resp: 1247280

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

229 20.4 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.783 ng

RT: 13.886 min Scan# 2006

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

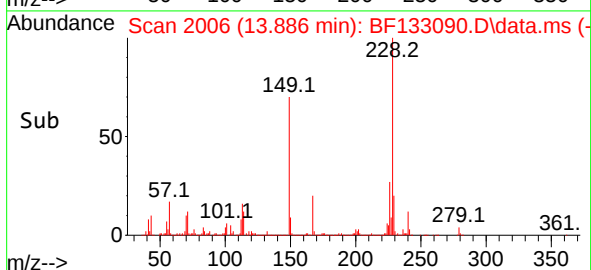
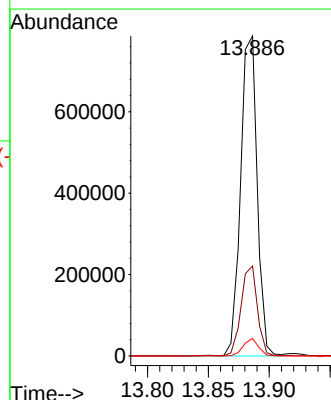
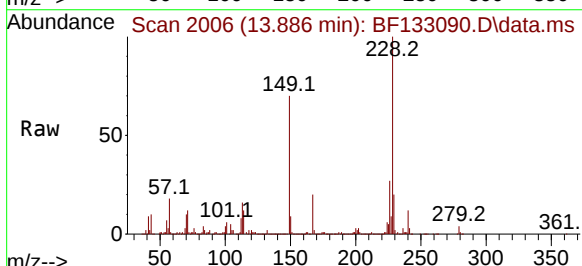
Tgt Ion:149 Resp: 745933

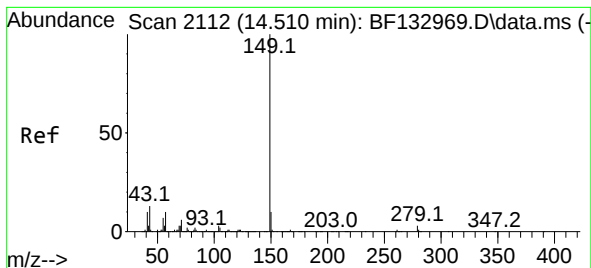
Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

279 5.5 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 41.928 ng

RT: 14.492 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

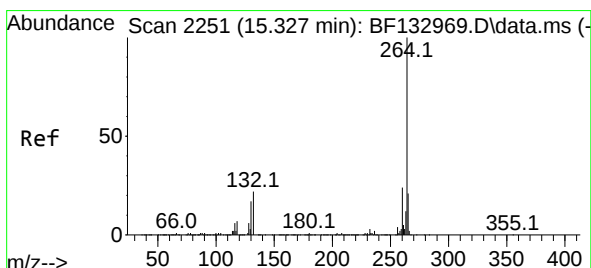
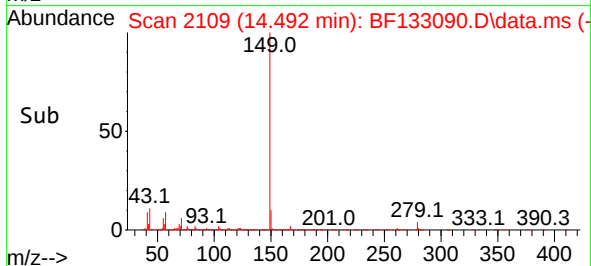
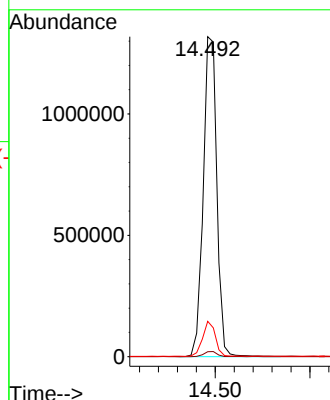
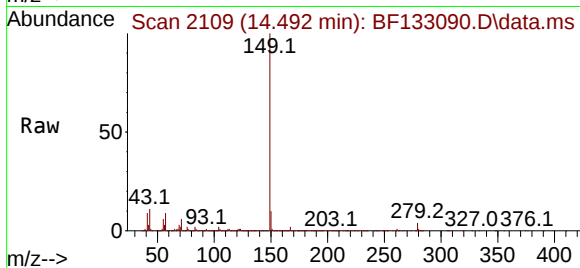
Tgt Ion:149 Resp: 1314914

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.2 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.316 min Scan# 2249

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

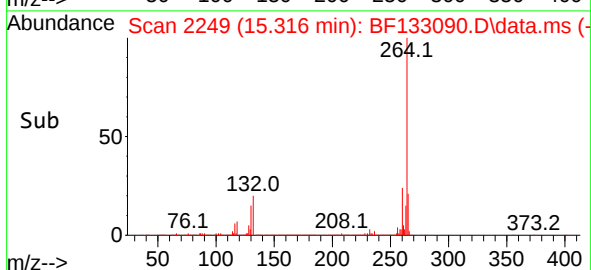
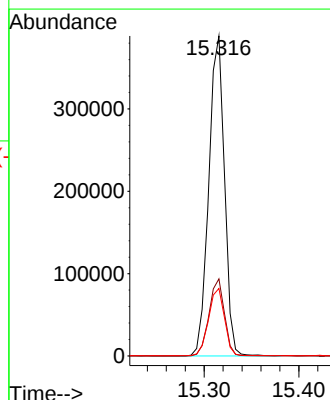
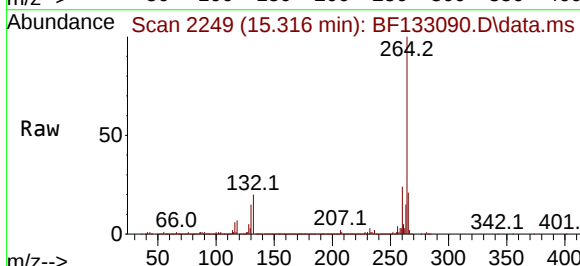
Tgt Ion:264 Resp: 446746

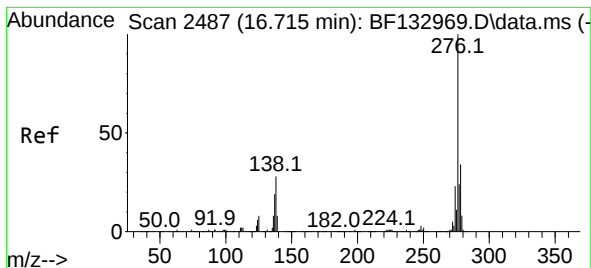
Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.675 ng

RT: 16.698 min Scan# 2484

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

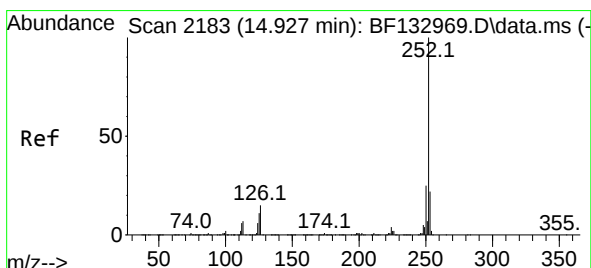
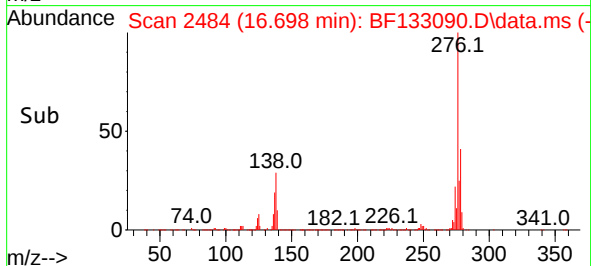
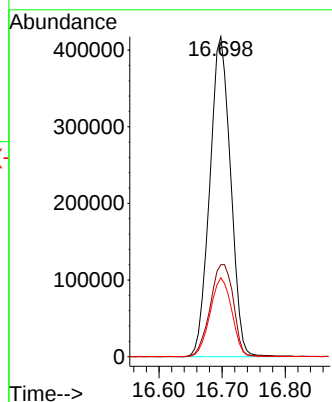
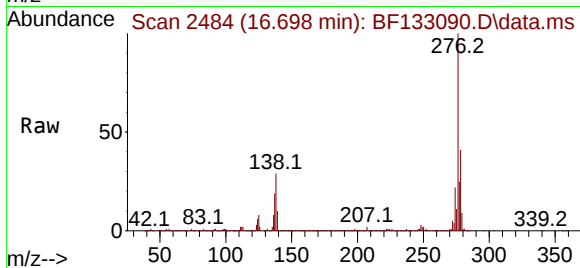
Tgt Ion:276 Resp: 957383

Ion Ratio Lower Upper

276 100

138 32.2 25.5 38.3

277 25.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 37.145 ng

RT: 14.910 min Scan# 2180

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

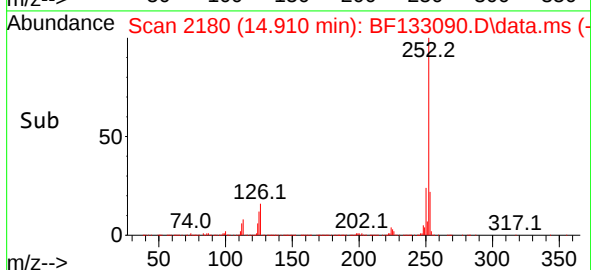
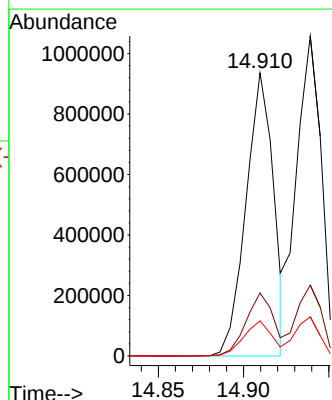
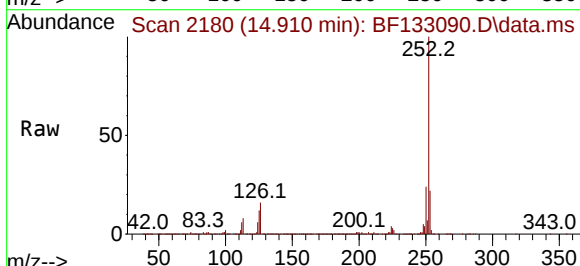
Tgt Ion:252 Resp: 1055712

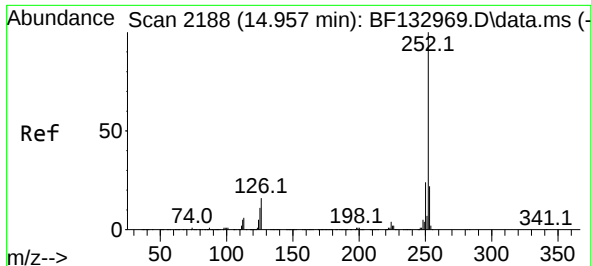
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 12.4 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 38.186 ng

RT: 14.939 min Scan# 2185

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

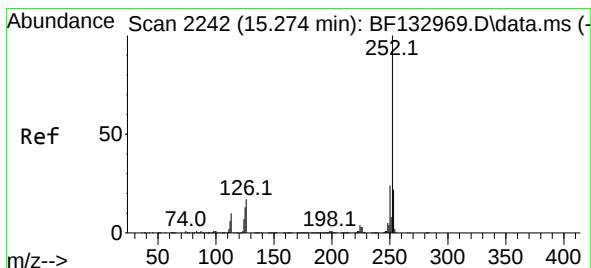
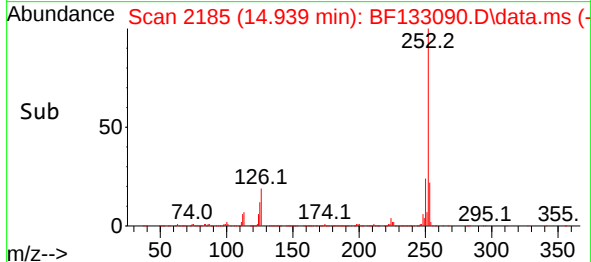
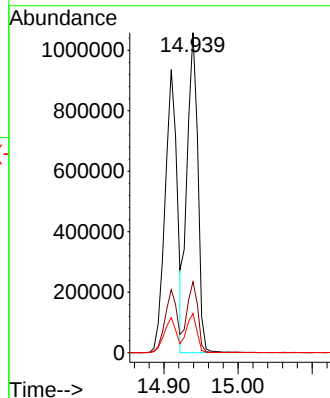
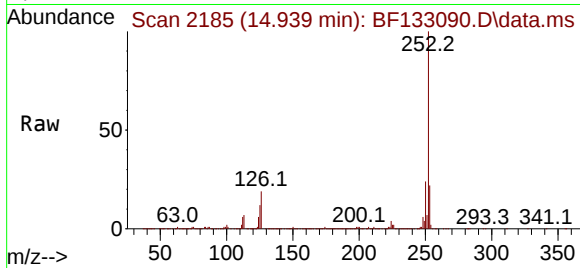
Tgt Ion:252 Resp: 1075849

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 12.2 9.0 13.4



#90

Benzo(a)pyrene

Concen: 37.421 ng

RT: 15.257 min Scan# 2239

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

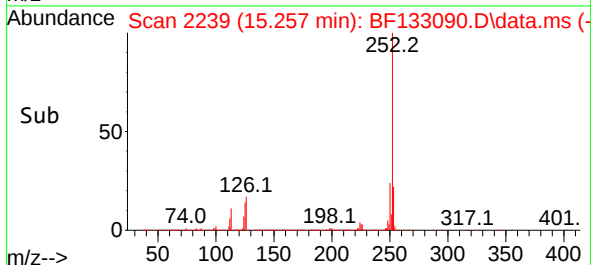
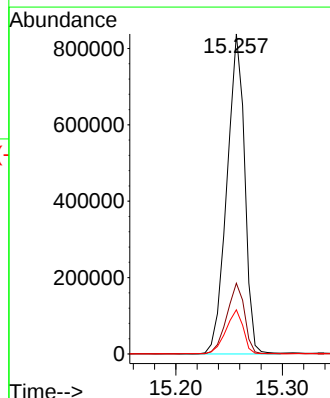
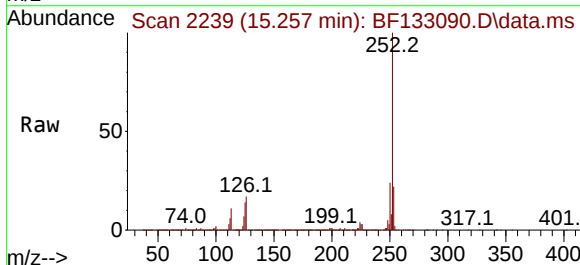
Tgt Ion:252 Resp: 968048

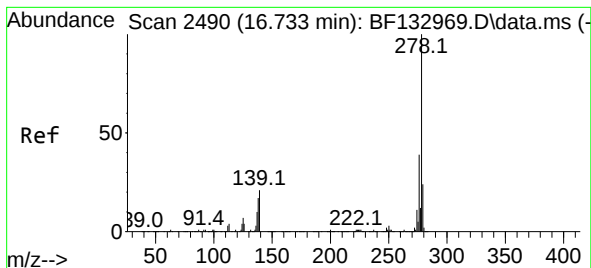
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 13.8 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 37.770 ng

RT: 16.715 min Scan# 2490

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

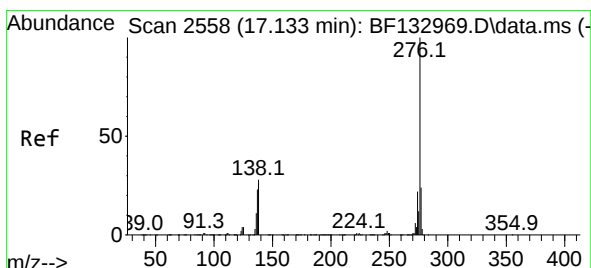
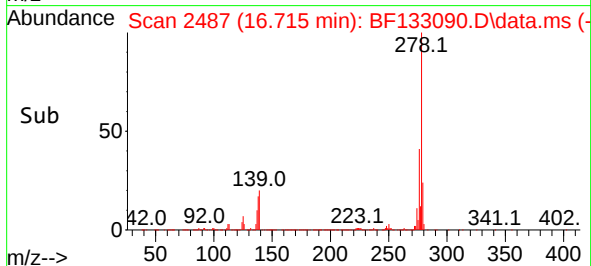
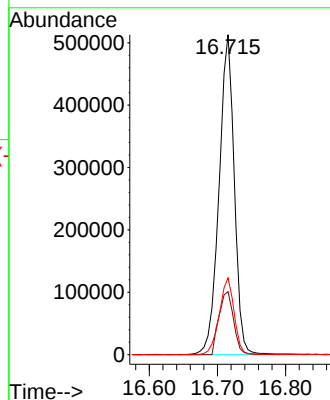
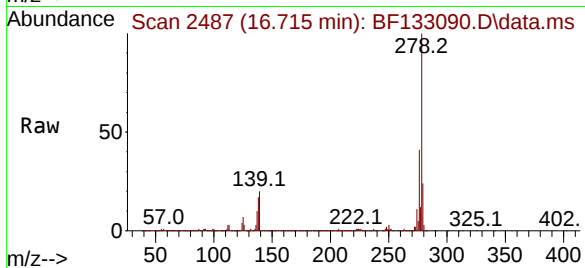
Tgt Ion:278 Resp: 800520

Ion Ratio Lower Upper

278 100

139 19.7 16.6 24.8

279 24.0 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 38.422 ng

RT: 17.115 min Scan# 2555

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Tgt Ion:276 Resp: 803957

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.0

138 26.9 22.7 34.1

