

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
 Data File : BF133368.D
 Acq On : 12 May 2023 14:18
 Operator : CG\JU
 Sample : PB152754BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152754BS

Quant Time: May 12 14:40:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	193331	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	776560	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	397042	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	725694	20.000	ng	0.00
76) Chrysene-d12	13.874	240	457347	20.000	ng	0.00
86) Perylene-d12	15.292	264	383517	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1277670	99.832	ng	0.01
7) Phenol-d6	6.369	99	1572619	98.999	ng	0.00
23) Nitrobenzene-d5	7.287	82	945082	65.690	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	384526	96.300	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1660336	69.961	ng	0.00
79) Terphenyl-d14	12.827	244	1744030	65.768	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.463	88	225421	37.973	ng	97
3) Pyridine	3.152	79	530720	33.661	ng	98
4) n-Nitrosodimethylamine	3.110	42	303820	37.203	ng	98
6) Aniline	6.387	93	718631	35.124	ng	# 54
8) 2-Chlorophenol	6.510	128	567641	43.684	ng	96
9) Benzaldehyde	6.269	77	319011	45.736	ng	98
10) Phenol	6.381	94	700653	39.982	ng	# 71
11) bis(2-Chloroethyl)ether	6.457	93	535688	40.735	ng	99
12) 1,3-Dichlorobenzene	6.663	146	604666	43.768	ng	96
13) 1,4-Dichlorobenzene	6.740	146	615166	44.429	ng	98
14) 1,2-Dichlorobenzene	6.892	146	577260	45.222	ng	98
15) Benzyl Alcohol	6.869	79	444598	40.518	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.004	45	851343	37.273	ng	93
17) 2-Methylphenol	6.987	107	472431	39.705	ng	97
18) Hexachloroethane	7.234	117	215109	44.686	ng	99
19) n-Nitroso-di-n-propyla...	7.140	70	367072	37.118	ng	96
20) 3+4-Methylphenols	7.145	107	574448	40.995	ng	# 67
22) Acetophenone	7.134	105	769743	42.790	ng	# 95
24) Nitrobenzene	7.310	77	588650	40.378	ng	98
25) Isophorone	7.545	82	1088445	39.847	ng	98
26) 2-Nitrophenol	7.622	139	320492	45.578	ng	99
27) 2,4-Dimethylphenol	7.669	122	518214	42.979	ng	100
28) bis(2-Chloroethoxy)met...	7.763	93	662136	40.975	ng	100
29) 2,4-Dichlorophenol	7.869	162	478533	43.596	ng	100
30) 1,2,4-Trichlorobenzene	7.951	180	492635	43.322	ng	99
31) Naphthalene	8.028	128	1626121	41.883	ng	99
32) Benzoic acid	7.804	122	283950	38.125	ng	99
33) 4-Chloroaniline	8.081	127	455344	29.027	ng	99
34) Hexachlorobutadiene	8.145	225	266729	42.321	ng	99
35) Caprolactam	8.457	113	118248	32.068	ng	89
36) 4-Chloro-3-methylphenol	8.569	107	507033	42.836	ng	97
37) 2-Methylnaphthalene	8.722	142	1082743	40.790	ng	100
38) 1-Methylnaphthalene	8.816	142	1003079	40.395	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	444629	41.650	ng	99
41) Hexachlorocyclopentadiene	8.875	237	492718	79.140	ng	99
43) 2,4,6-Trichlorophenol	8.998	196	308158	41.740	ng	98

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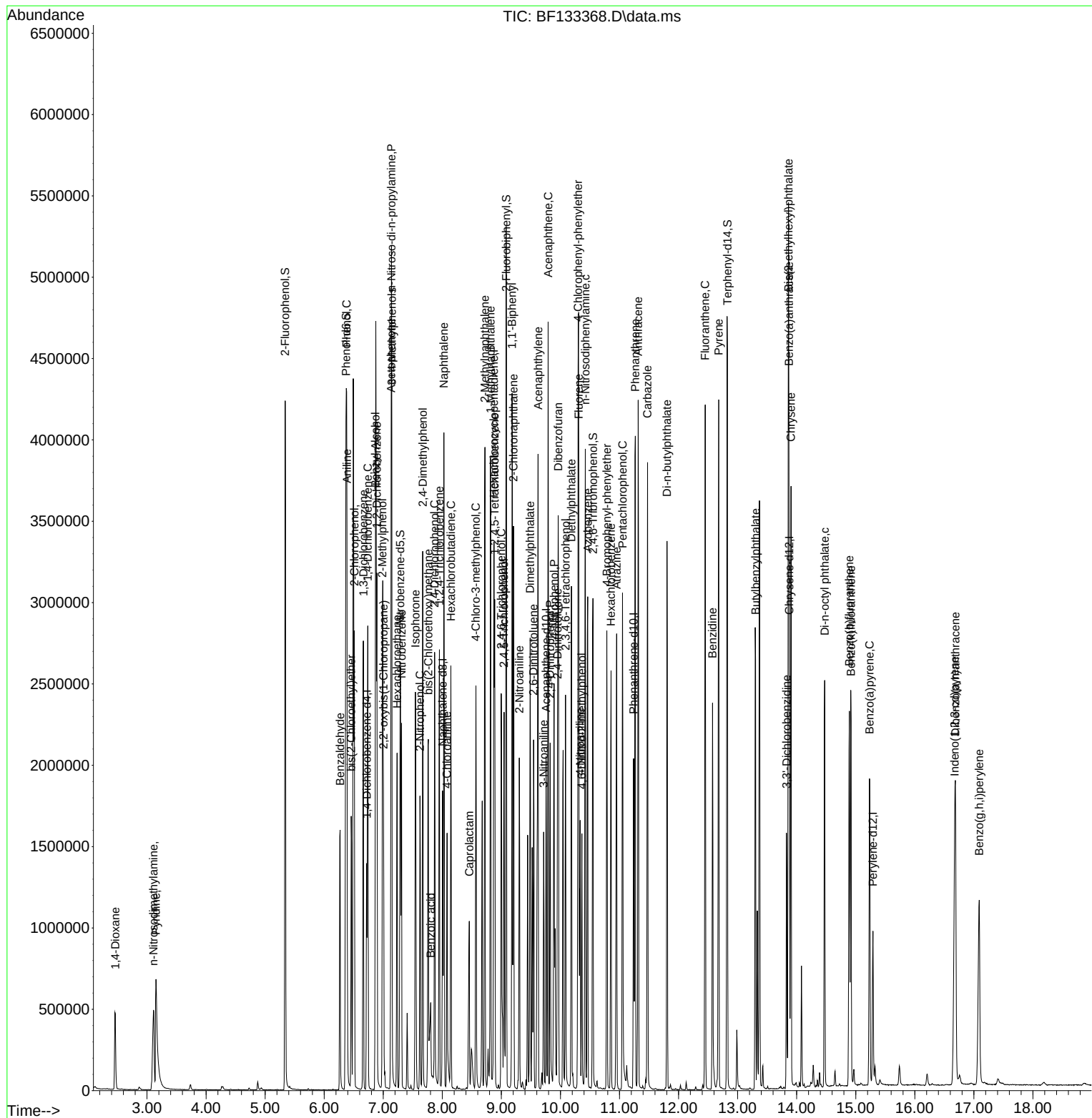
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	334331	39.156	ng	97
46) 1,1'-Biphenyl	9.181	154	1326918	42.146	ng	99
47) 2-Chloronaphthalene	9.204	162	989023	42.919	ng	98
48) 2-Nitroaniline	9.304	65	321089	42.160	ng	94
49) Acenaphthylene	9.622	152	1528816	41.521	ng	100
50) Dimethylphthalate	9.486	163	1153359	41.660	ng	100
51) 2,6-Dinitrotoluene	9.545	165	266198	42.720	ng	99
52) Acenaphthene	9.792	154	950682	38.550	ng	99
53) 3-Nitroaniline	9.716	138	250689	33.836	ng	96
54) 2,4-Dinitrophenol	9.828	184	263202	84.034	ng	99
55) Dibenzofuran	9.963	168	1369833	40.721	ng	97
56) 4-Nitrophenol	9.892	139	432368	75.346	ng	93
57) 2,4-Dinitrotoluene	9.951	165	349535	43.986	ng	98
58) Fluorene	10.310	166	1019567	41.369	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	274104	41.409	ng	99
60) Diethylphthalate	10.186	149	1070245	40.927	ng	100
61) 4-Chlorophenyl-phenyle...	10.298	204	477789	39.781	ng	94
62) 4-Nitroaniline	10.333	138	302506	44.424	ng	97
63) Azobenzene	10.463	77	1082885	39.091	ng	95
65) 4,6-Dinitro-2-methylph...	10.363	198	195087	44.352	ng	85
66) n-Nitrosodiphenylamine	10.422	169	938837	39.883	ng	99
67) 4-Bromophenyl-phenylether	10.786	248	307870	39.117	ng	95
68) Hexachlorobenzene	10.857	284	332077	41.176	ng	98
69) Atrazine	10.951	200	319817	47.151	ng	98
70) Pentachlorophenol	11.051	266	382083	66.521	ng	97
71) Phenanthrene	11.269	178	1575359	40.390	ng	99
72) Anthracene	11.316	178	1618341	40.544	ng	99
73) Carbazole	11.475	167	1477742	41.577	ng	99
74) Di-n-butylphthalate	11.804	149	1673216	41.599	ng	100
75) Fluoranthene	12.451	202	1568219	40.062	ng	99
77) Benzidine	12.574	184	885087	114.441	ng	# 94
78) Pyrene	12.680	202	1624186	41.428	ng	99
80) Butylbenzylphthalate	13.304	149	688374	49.589	ng	96
81) Benzo(a)anthracene	13.868	228	1218678	38.749	ng	100
82) 3,3'-Dichlorobenzidine	13.827	252	331424	38.146	ng	98
83) Chrysene	13.904	228	1197042	38.071	ng	100
84) Bis(2-ethylhexyl)phtha...	13.863	149	767670	44.059	ng	100
85) Di-n-octyl phthalate	14.474	149	1218506	42.889	ng	97
87) Indeno(1,2,3-cd)pyrene	16.674	276	1048537	48.064	ng	98
88) Benzo(b)fluoranthene	14.892	252	1057016	43.322	ng	99
89) Benzo(k)fluoranthene	14.921	252	981570	40.584	ng	99
90) Benzo(a)pyrene	15.233	252	874394	39.373	ng	99
91) Dibenzo(a,h)anthracene	16.686	278	868206	47.717	ng	100
92) Benzo(g,h,i)perylene	17.092	276	883146	49.165	ng	96

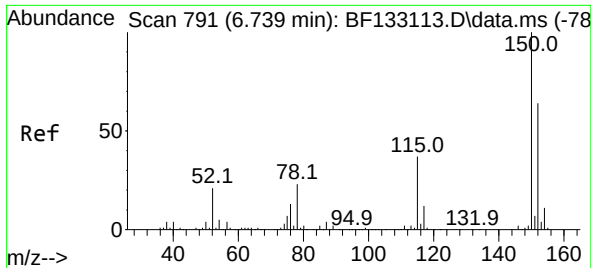
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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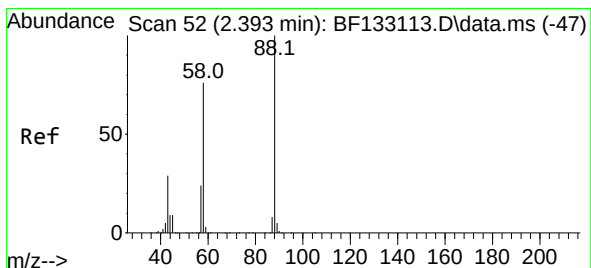
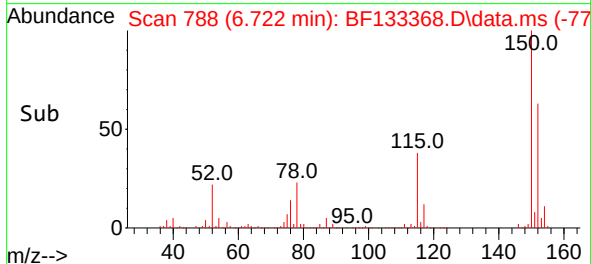
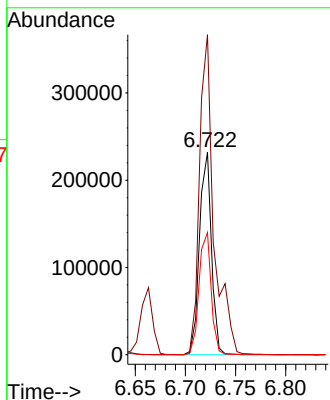
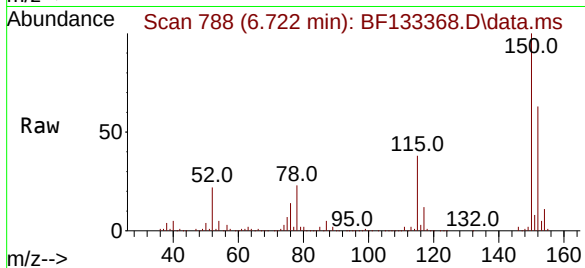




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133368.D
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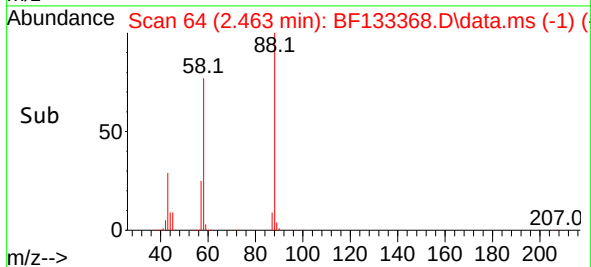
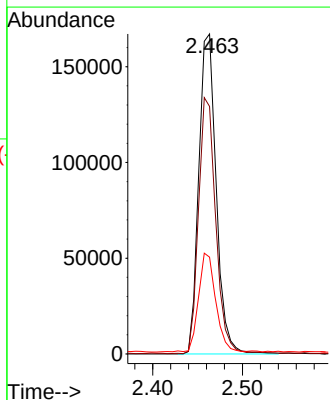
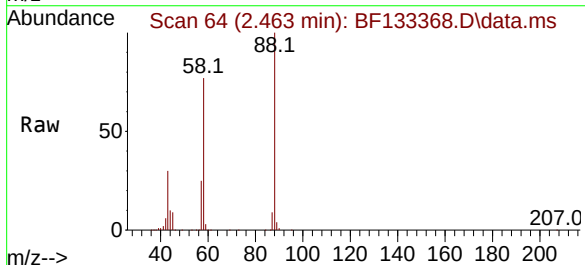
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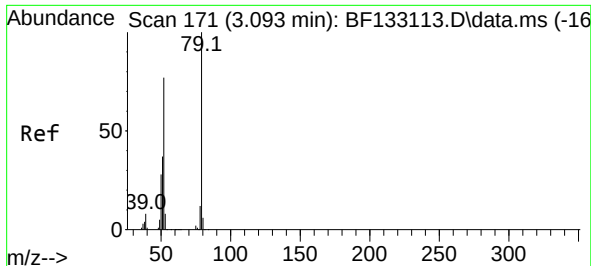
Tgt Ion:152 Resp: 193331
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.8 187.2
 115 60.4 49.9 74.9



#2
 1,4-Dioxane
 Concen: 37.973 ng
 RT: 2.463 min Scan# 64
 Delta R.T. 0.100 min
 Lab File: BF133368.D
 Acq: 12 May 2023 14:18

Tgt Ion: 88 Resp: 225421
 Ion Ratio Lower Upper
 88 100
 58 79.0 64.7 97.1
 43 30.6 26.2 39.2

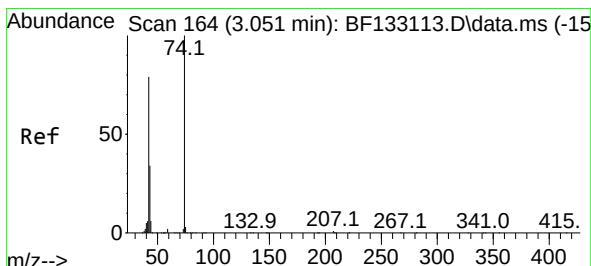
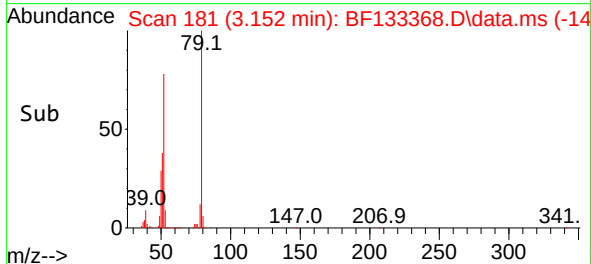
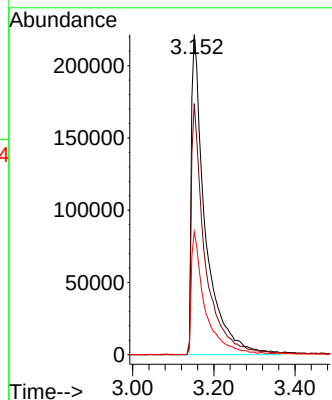
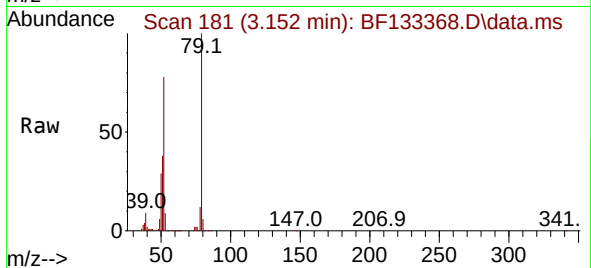




#3
Pyridine
Concen: 33.661 ng
RT: 3.152 min Scan# 11
Delta R.T. 0.094 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

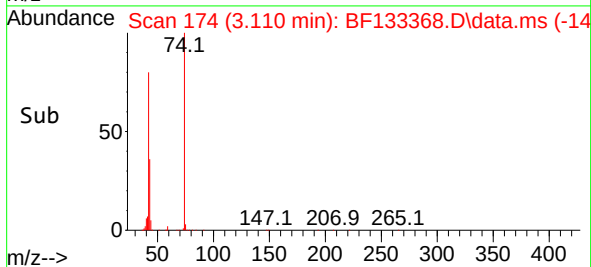
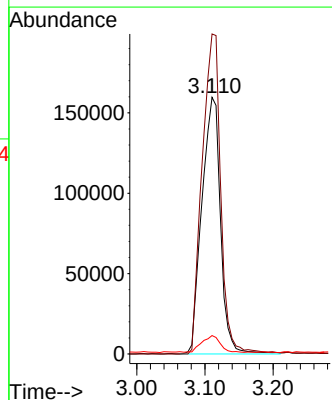
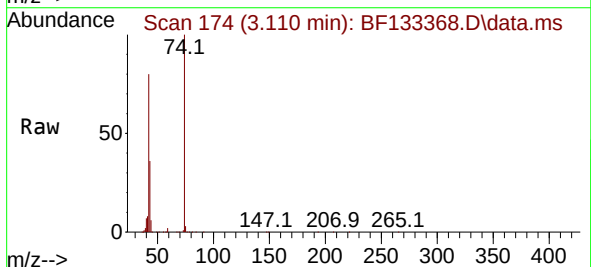
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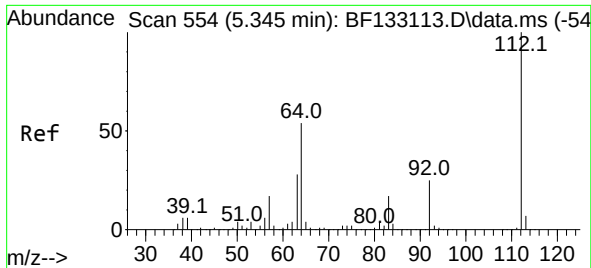
Tgt Ion: 79 Resp: 530720
Ion Ratio Lower Upper
79 100
52 78.4 64.6 96.8
51 38.4 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 37.203 ng
RT: 3.110 min Scan# 174
Delta R.T. 0.088 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion: 42 Resp: 303820
Ion Ratio Lower Upper
42 100
74 124.7 98.0 147.0
44 7.2 5.8 8.8

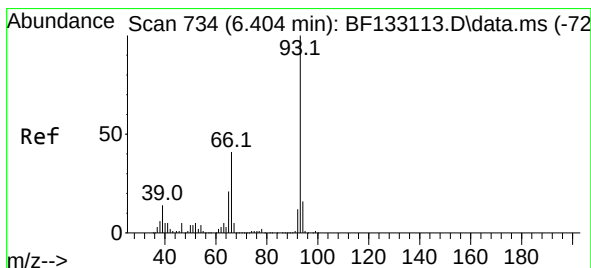
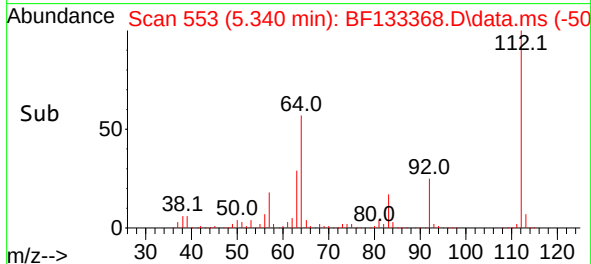
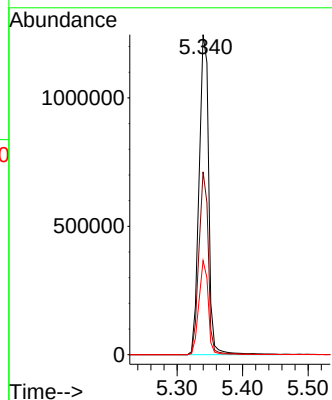
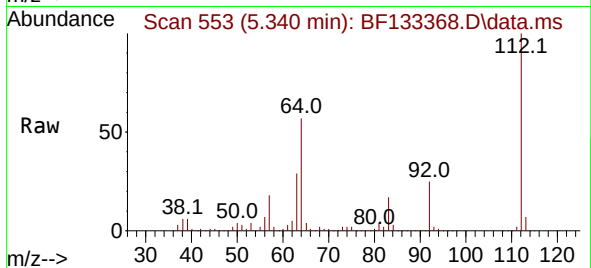




#5
2-Fluorophenol
Concen: 99.832 ng
RT: 5.340 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

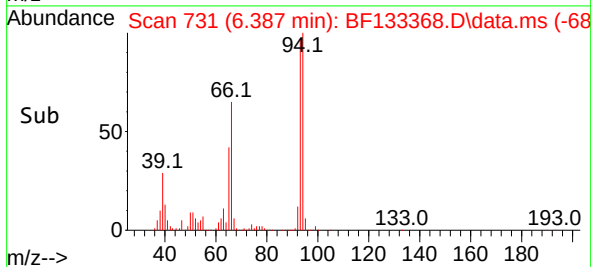
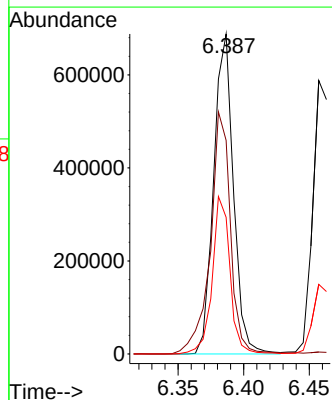
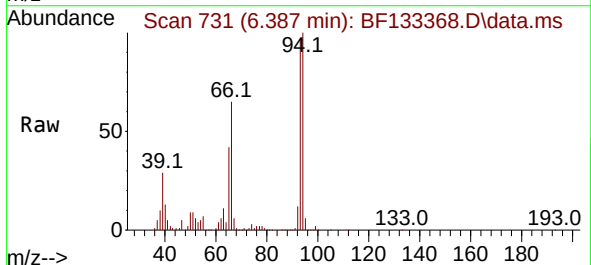
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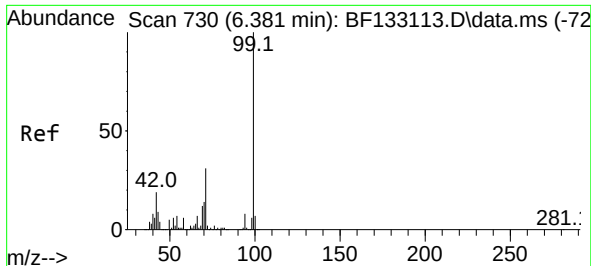
Tgt Ion:112 Resp: 1277670
Ion Ratio Lower Upper
112 100
64 57.1 46.8 70.2
63 29.4 23.8 35.8



#6
Aniline
Concen: 35.124 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion: 93 Resp: 718631
Ion Ratio Lower Upper
93 100
66 66.8 31.5 47.3#
65 42.7 16.4 24.6#





#7

Phenol-d6

Concen: 98.999 ng

RT: 6.369 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

Instrument :

BNA_F

ClientSampleId :

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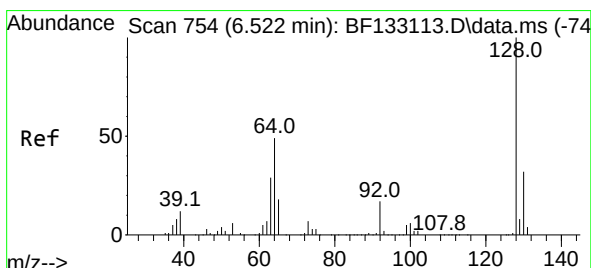
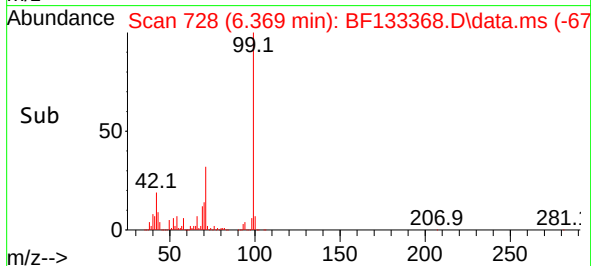
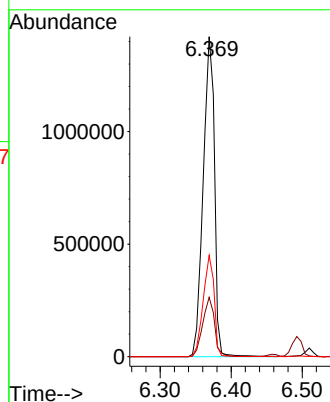
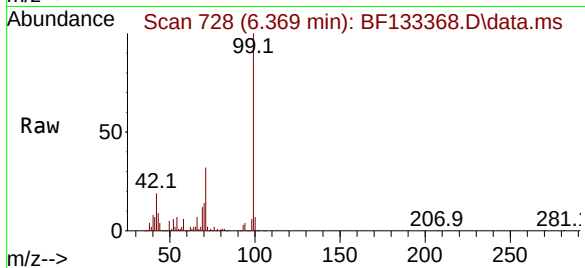
Tgt Ion: 99 Resp: 1572619

Ion Ratio Lower Upper

99 100

42 18.6 16.3 24.5

71 31.7 25.6 38.4



#8

2-Chlorophenol

Concen: 43.684 ng

RT: 6.510 min Scan# 752

Delta R.T. 0.000 min

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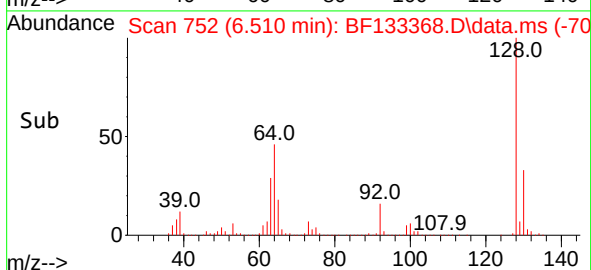
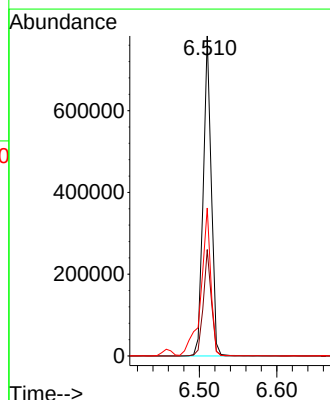
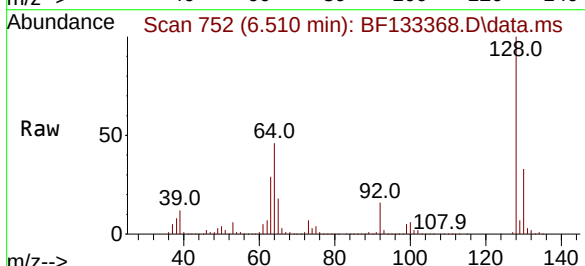
Tgt Ion:128 Resp: 567641

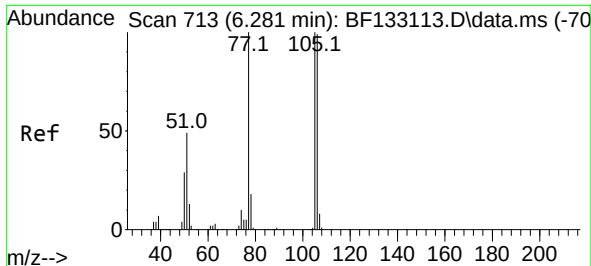
Ion Ratio Lower Upper

128 100

130 33.3 12.2 52.2

64 46.2 30.3 70.3

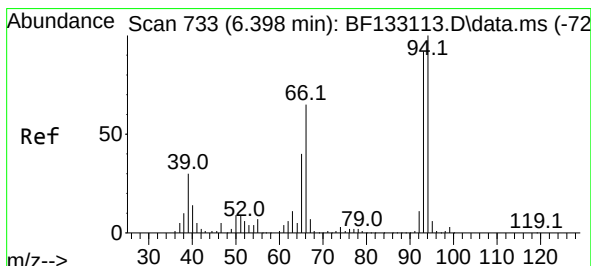
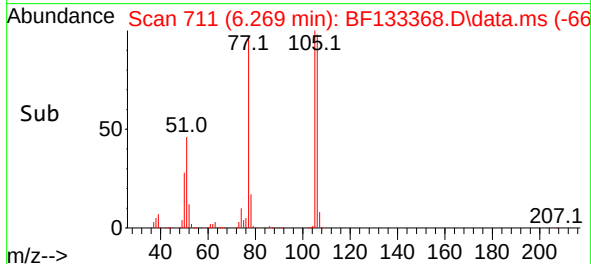
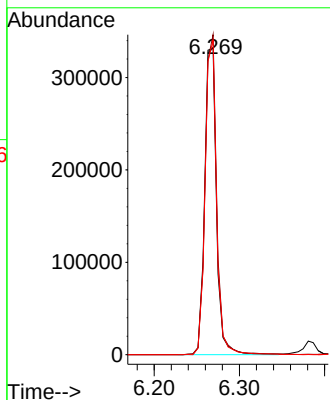
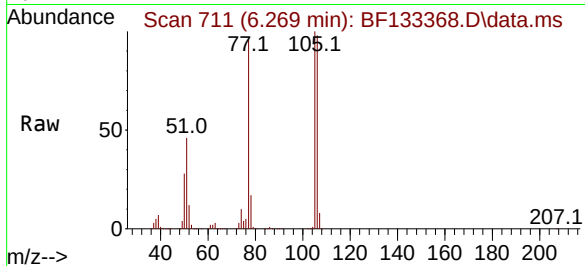




#9
Benzaldehyde
Concen: 45.736 ng
RT: 6.269 min Scan# 713
Delta R.T. 0.000 min
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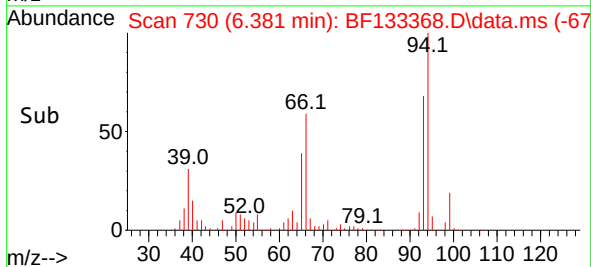
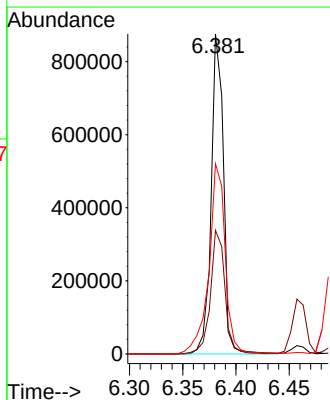
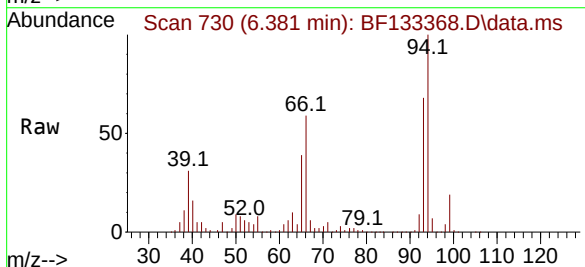
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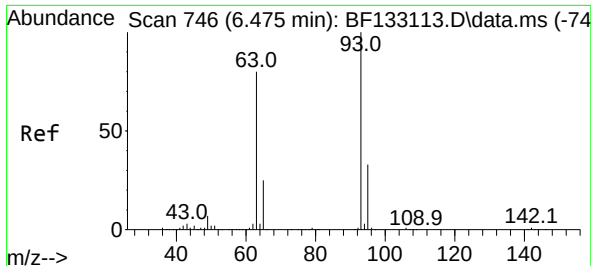
Tgt Ion: 77 Resp: 319011
Ion Ratio Lower Upper
77 100
105 104.4 82.3 122.3
106 102.6 80.8 120.8



#10
Phenol
Concen: 39.982 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.000 min
Lab File: BF133368.D
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Tgt Ion: 94 Resp: 700653
Ion Ratio Lower Upper
94 100
65 38.7 8.6 48.6
66 59.4 17.3 57.3#

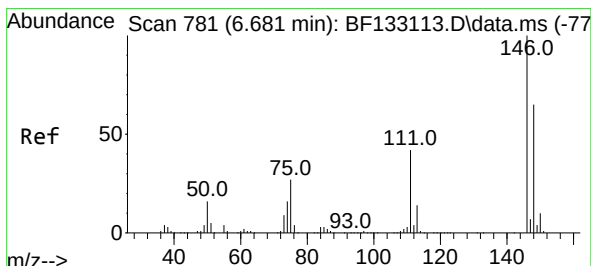
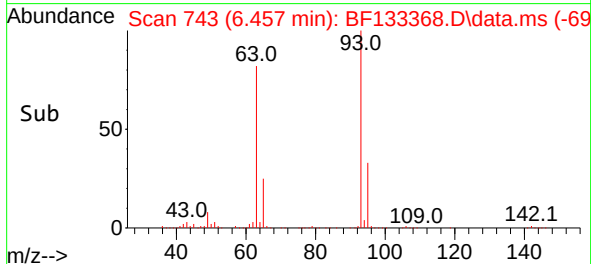
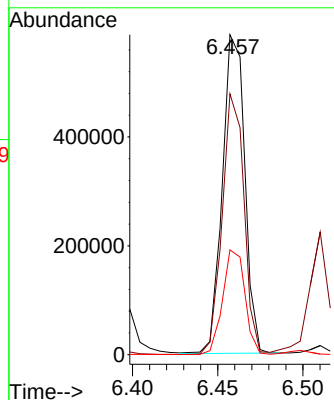
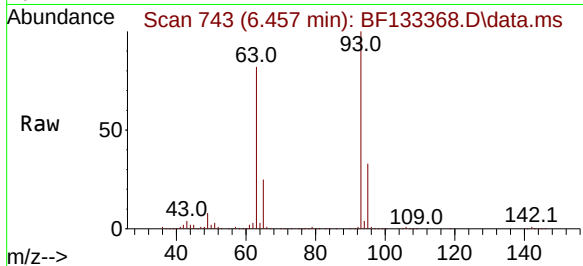




#11
bis(2-Chloroethyl)ether
Concen: 40.735 ng
RT: 6.457 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

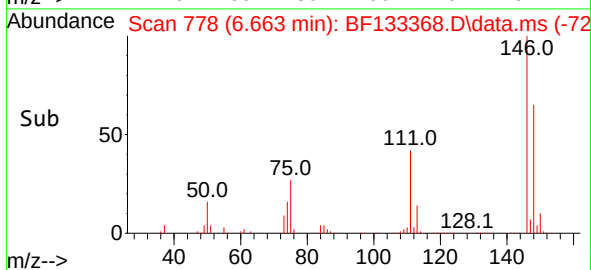
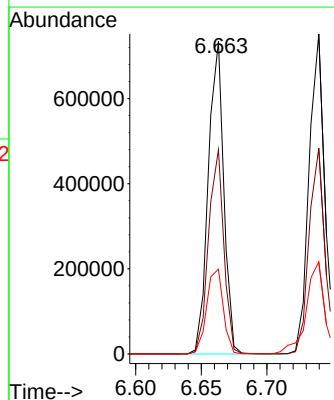
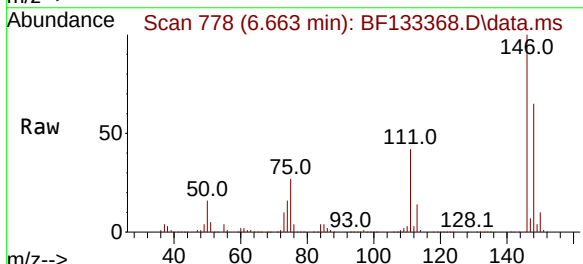
Instrument :
BNA_F
ClientSampleId :
PB152754BS

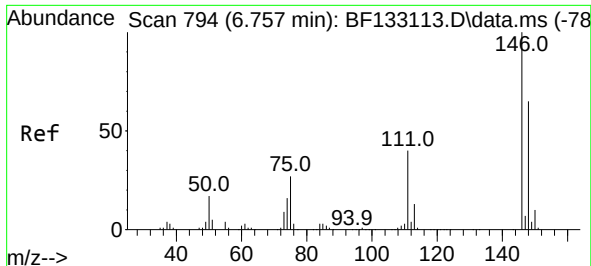
Tgt Ion: 93 Resp: 535688
Ion Ratio Lower Upper
93 100
63 81.5 60.6 100.6
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 43.768 ng
RT: 6.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion:146 Resp: 604666
Ion Ratio Lower Upper
146 100
148 65.3 51.0 76.4
75 27.1 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 44.429 ng

RT: 6.740 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

Instrument :

BNA_F

ClientSampleId :

PB152754BS

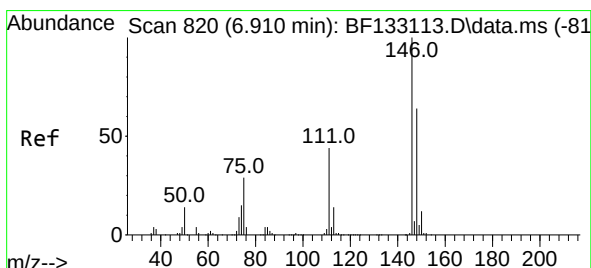
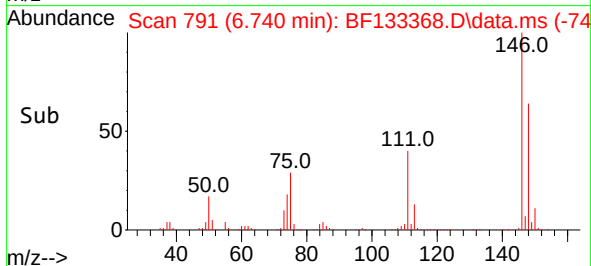
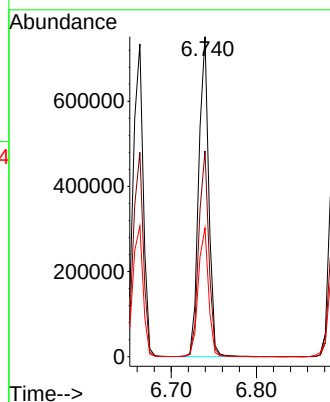
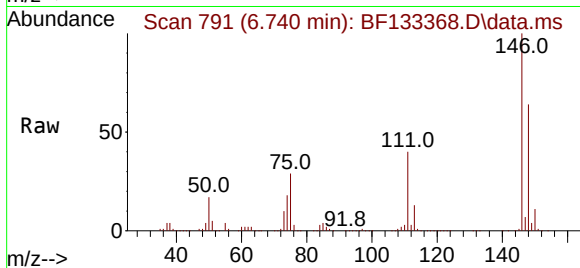
Tgt Ion:146 Resp: 615166

Ion Ratio Lower Upper

146 100

148 64.3 50.3 75.5

111 40.2 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 45.222 ng

RT: 6.892 min Scan# 817

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

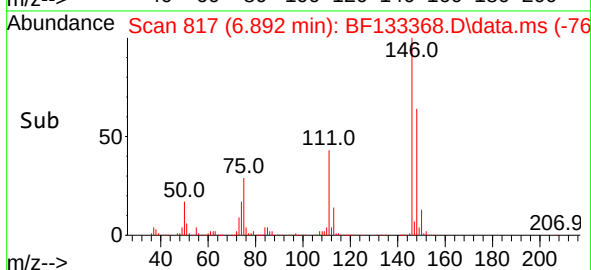
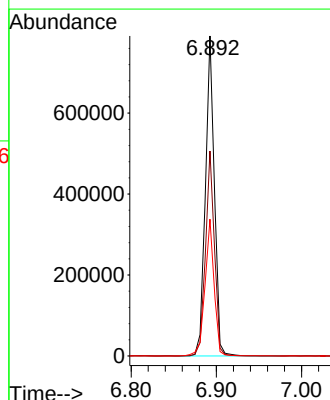
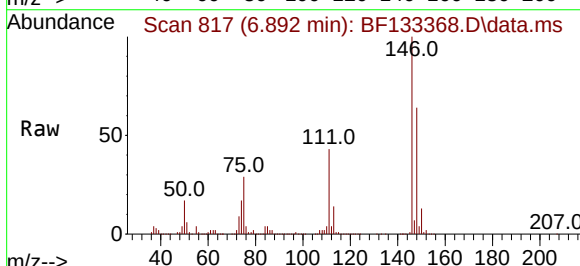
Tgt Ion:146 Resp: 577260

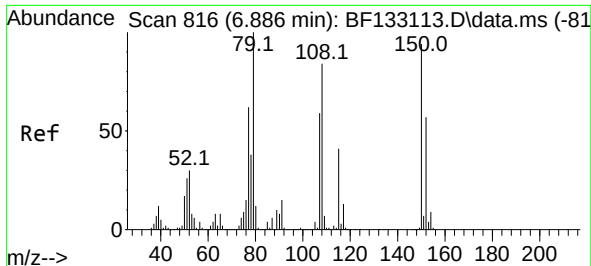
Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.2

111 42.8 32.8 49.2

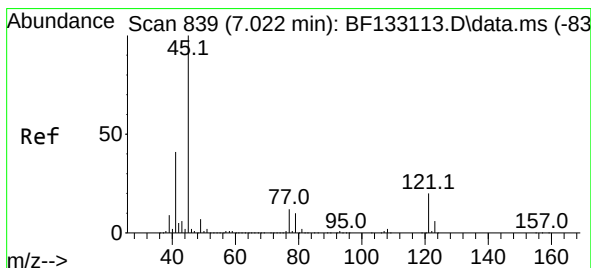
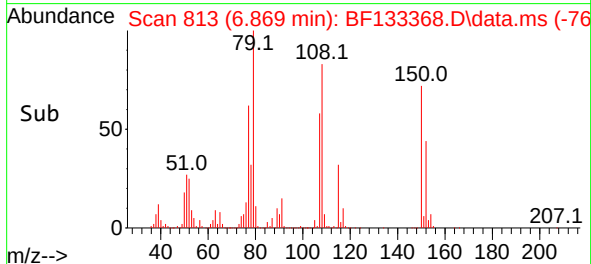
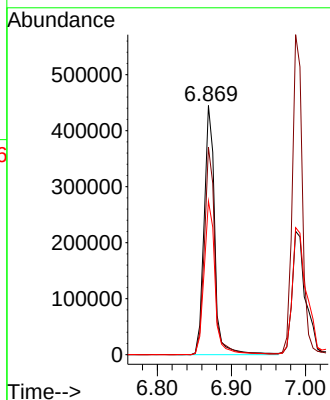
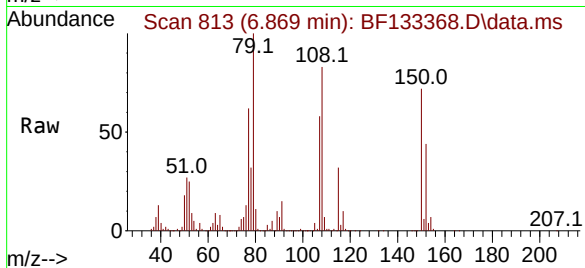




#15
Benzyl Alcohol
Concen: 40.518 ng
RT: 6.869 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

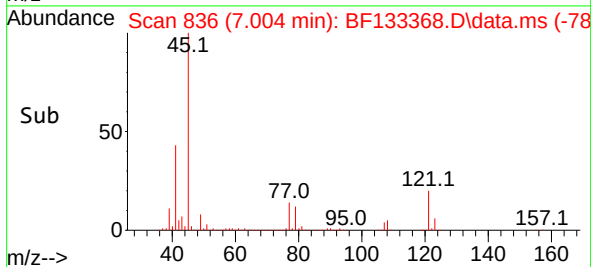
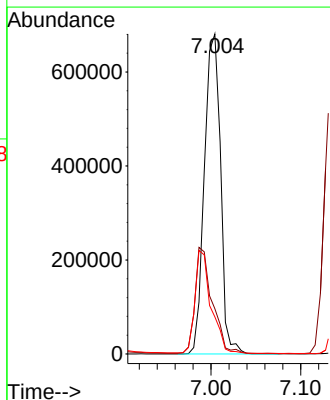
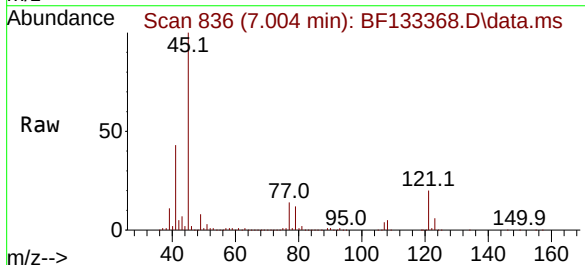
Instrument :
BNA_F
ClientSampleId :
PB152754BS

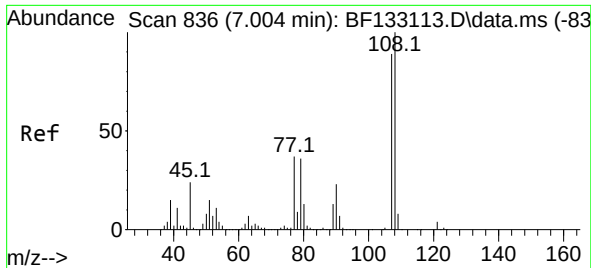
Tgt Ion: 79 Resp: 444598
Ion Ratio Lower Upper
79 100
108 83.2 66.6 99.8
77 61.6 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.273 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion: 45 Resp: 851343
Ion Ratio Lower Upper
45 100
77 14.2 0.0 31.5
79 11.6 0.0 28.7

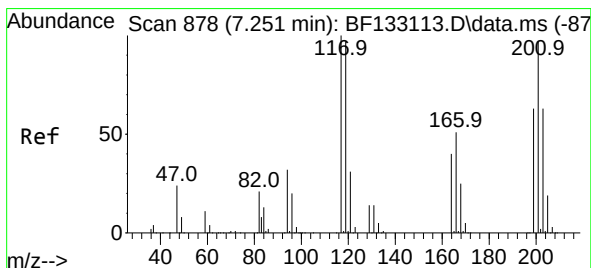
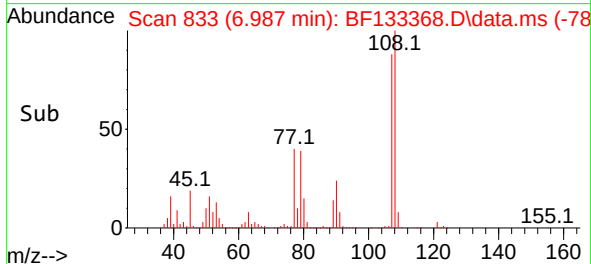
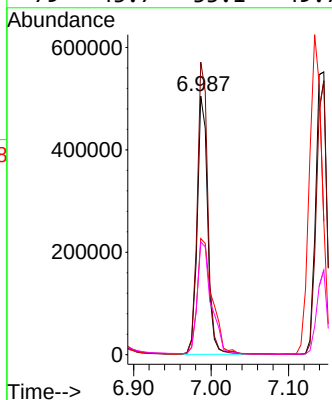
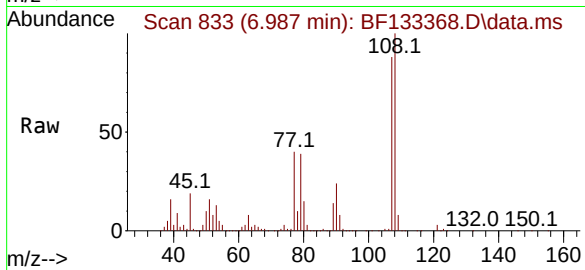




#17
2-Methylphenol
Concen: 39.705 ng
RT: 6.987 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

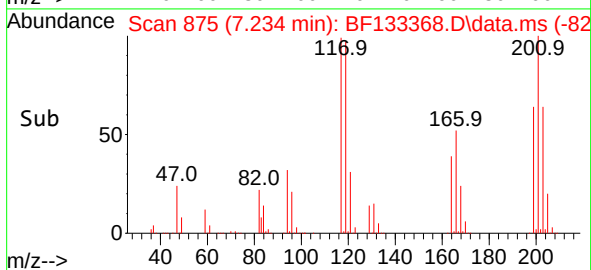
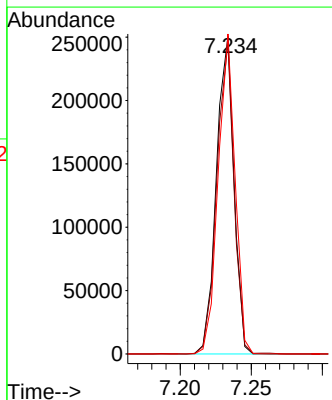
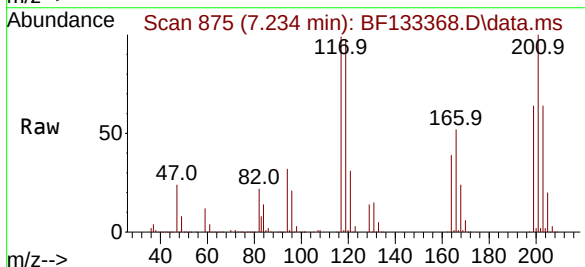
Instrument :
BNA_F
ClientSampleId :
PB152754BS

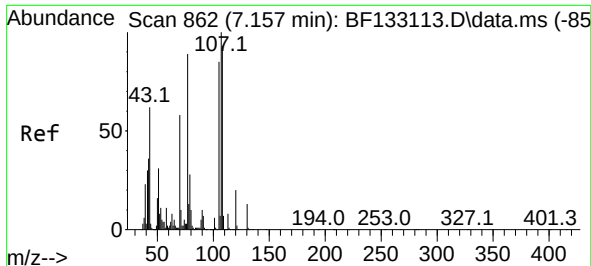
Tgt Ion:107 Resp: 472431
Ion Ratio Lower Upper
107 100
108 113.2 92.4 138.6
77 44.9 33.8 50.8
79 43.7 33.1 49.7



#18
Hexachloroethane
Concen: 44.686 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion:117 Resp: 215109
Ion Ratio Lower Upper
117 100
119 98.0 78.2 117.4
201 100.7 81.7 122.5



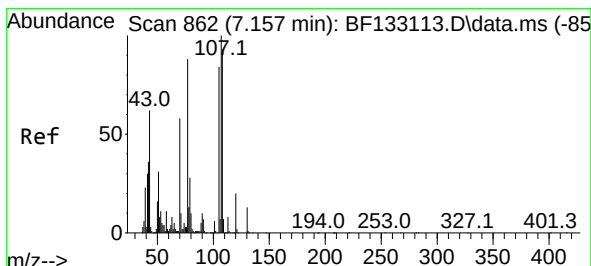
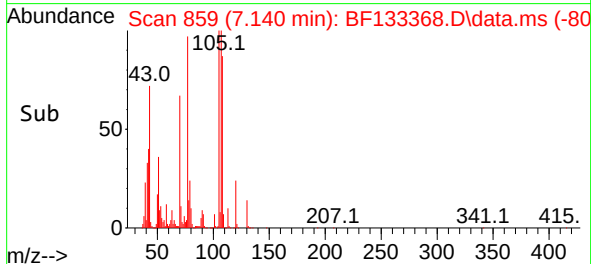
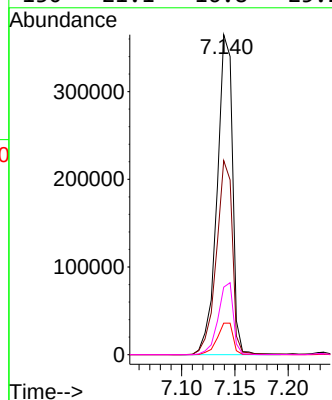
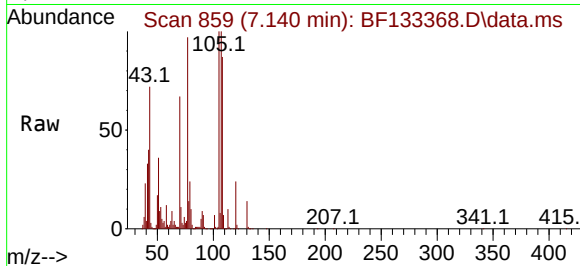


#19
n-Nitroso-di-n-propylamine
Concen: 37.118 ng
RT: 7.140 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Instrument :
BNA_F
ClientSampleId :
PB152754BS

Tgt Ion: 70 Resp: 367072

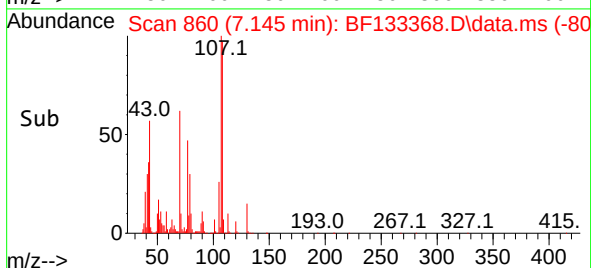
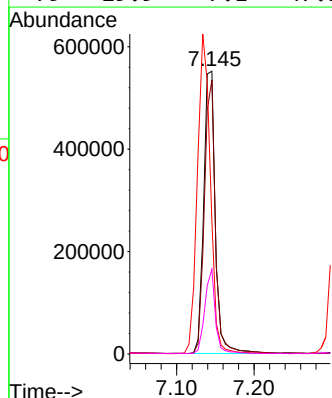
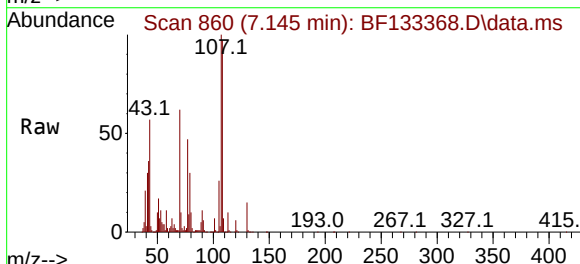
Ion	Ratio	Lower	Upper
70	100		
42	60.6	51.8	77.6
101	9.9	8.0	12.0
130	21.1	16.8	25.2

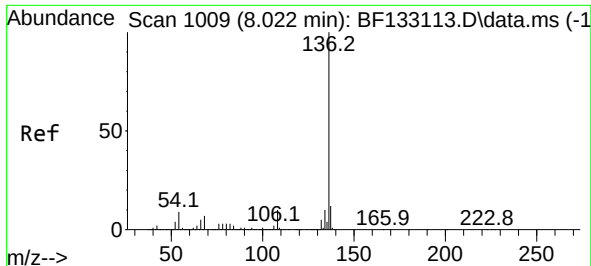


#20
3+4-Methylphenols
Concen: 40.995 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion: 107 Resp: 574448

Ion	Ratio	Lower	Upper
107	100		
108	96.9	70.5	110.5
77	47.2	91.7	131.7#
79	29.9	7.1	47.1

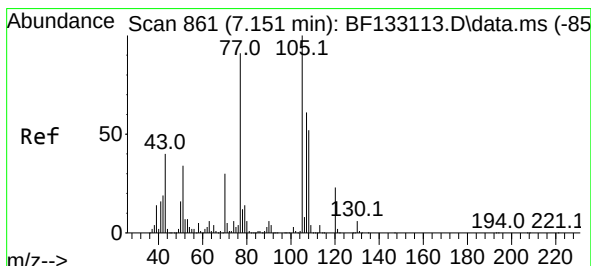
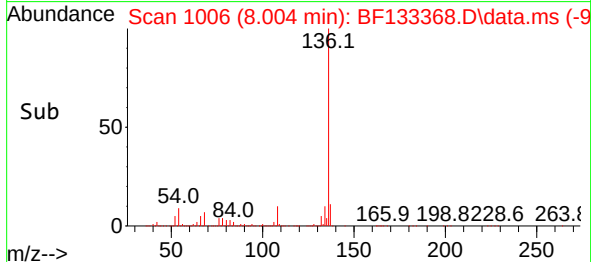
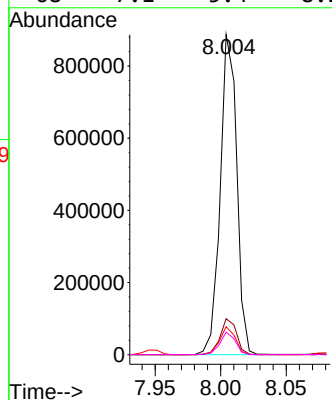
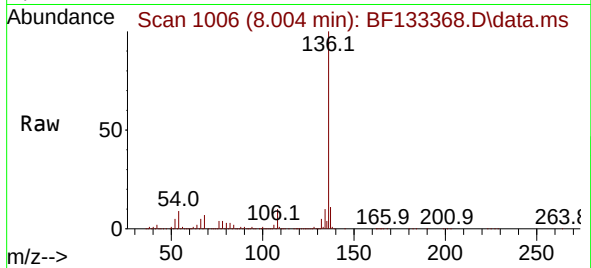




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

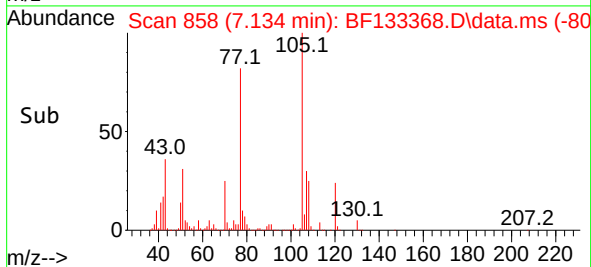
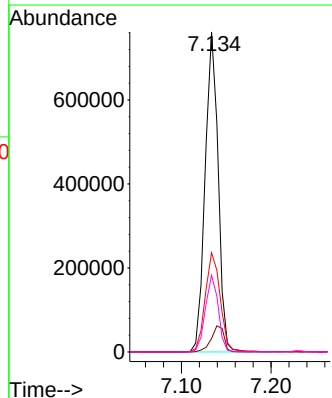
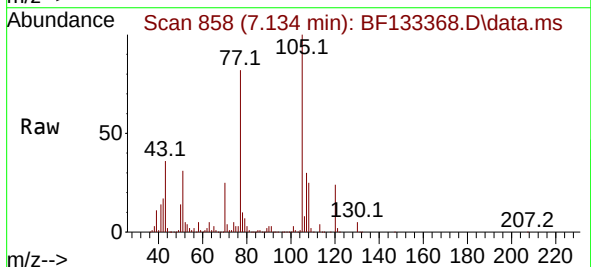
Instrument :
BNA_F
ClientSampleId :
PB152754BS

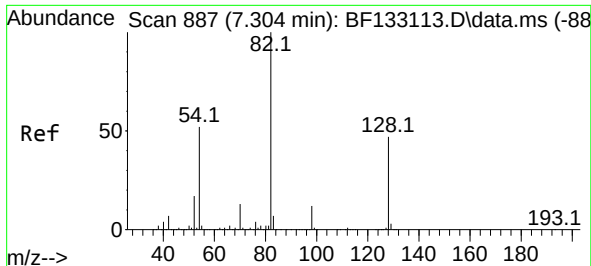
Tgt Ion:	136	Resp:	776560
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	8.8	7.0	10.4
68	7.1	5.4	8.2



#22
Acetophenone
Concen: 42.790 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion:	105	Resp:	769743
Ion	Ratio	Lower	Upper
105	100		
71	4.2	4.6	7.0#
51	31.0	28.2	42.2
120	23.9	18.4	27.6





#23

Nitrobenzene-d5

Concen: 65.690 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

Instrument :

BNA_F

ClientSampleId :

PB152754BS

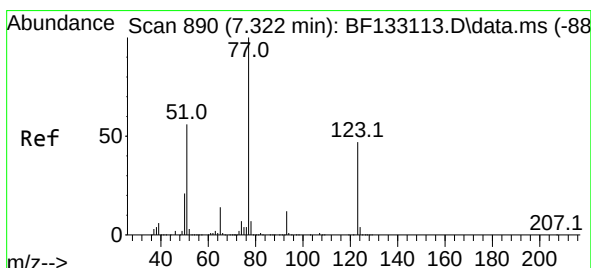
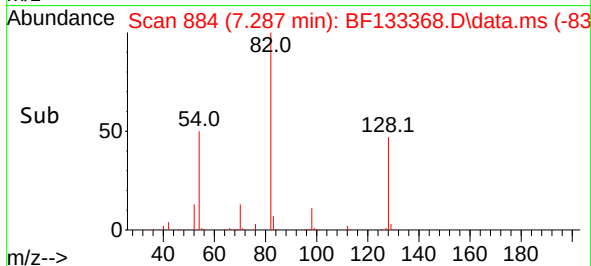
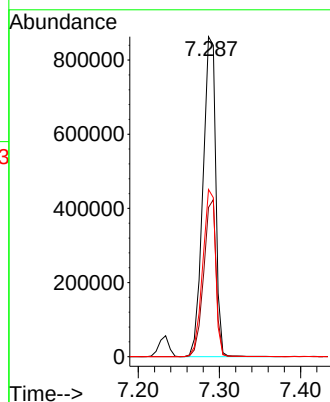
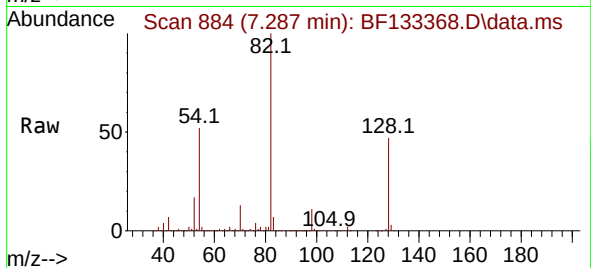
Tgt Ion: 82 Resp: 945082

Ion Ratio Lower Upper

82 100

128 46.6 37.7 56.5

54 52.3 43.0 64.4



#24

Nitrobenzene

Concen: 40.378 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

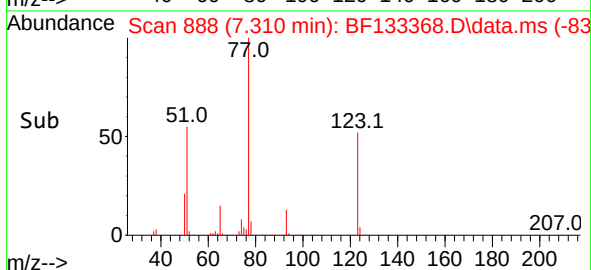
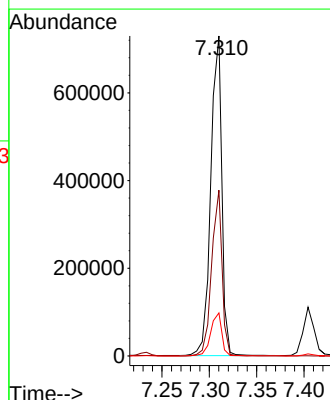
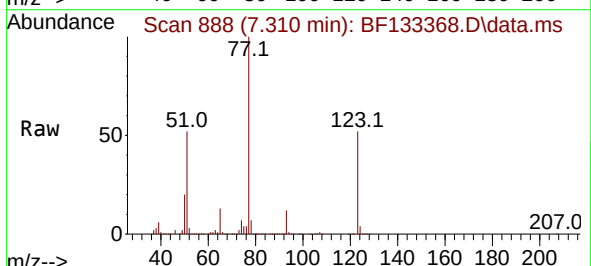
Tgt Ion: 77 Resp: 588650

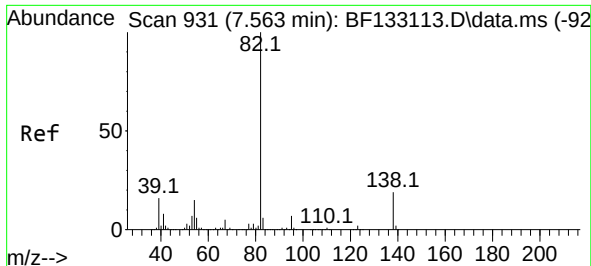
Ion Ratio Lower Upper

77 100

123 51.8 39.9 59.9

65 13.4 10.7 16.1

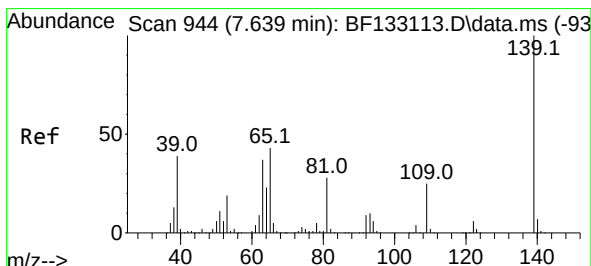
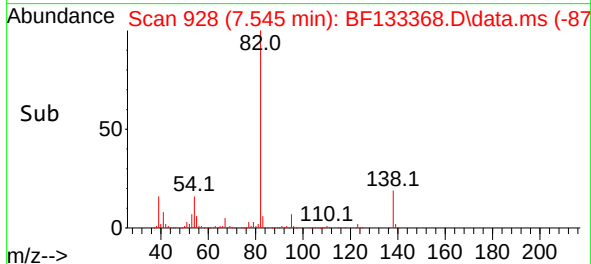
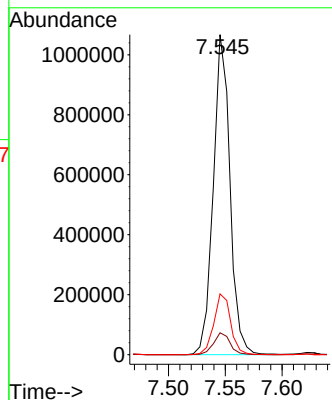
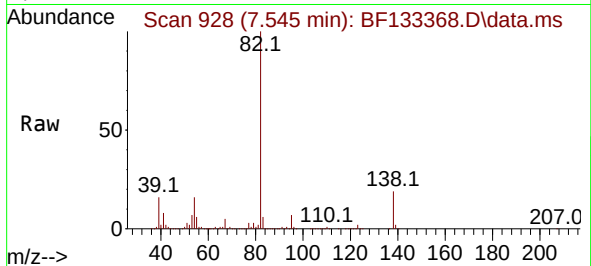




#25
Isophorone
Concen: 39.847 ng
RT: 7.545 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

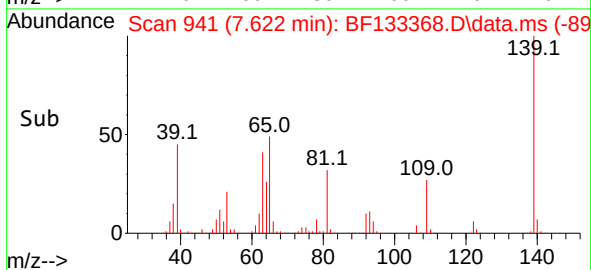
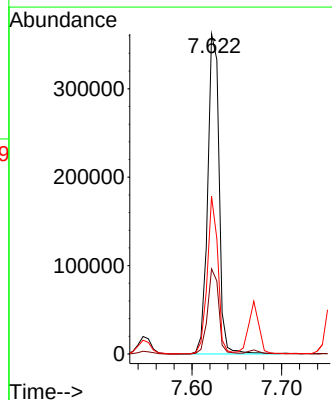
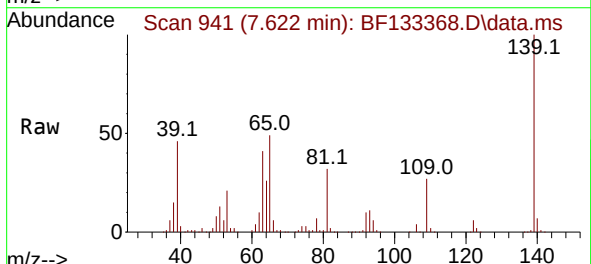
Instrument :
BNA_F
ClientSampleId :
PB152754BS

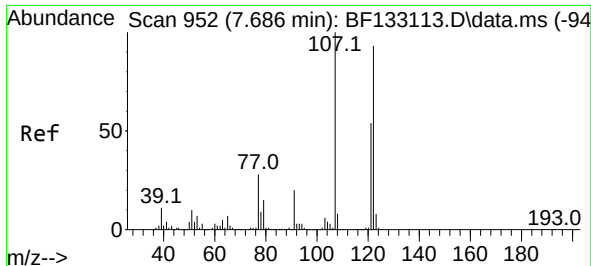
Tgt Ion: 82 Resp: 1088445
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 19.0 16.0 24.0



#26
2-Nitrophenol
Concen: 45.578 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion:139 Resp: 320492
Ion Ratio Lower Upper
139 100
109 26.6 21.6 32.4
65 49.2 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 42.979 ng

RT: 7.669 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF133368.D

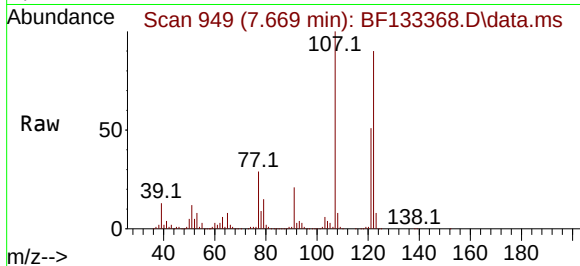
Acq: 12 May 2023 14:18

Instrument :

BNA_F

ClientSampleId :

PB152754BS



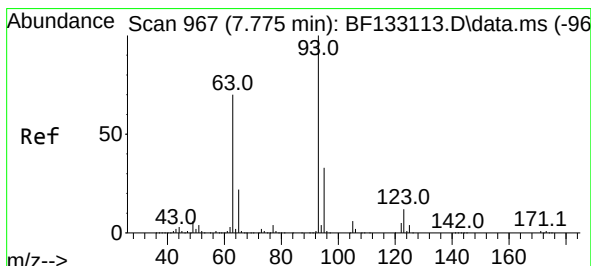
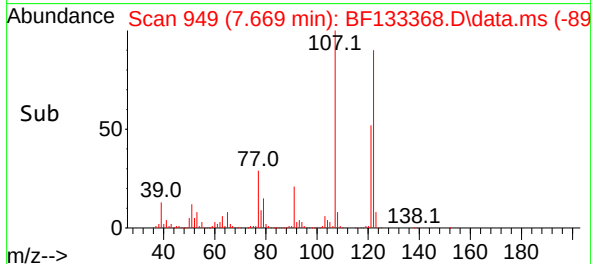
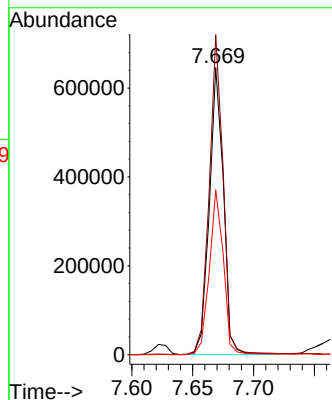
Tgt Ion:122 Resp: 518214

Ion Ratio Lower Upper

122 100

107 111.5 89.7 134.5

121 57.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 40.975 ng

RT: 7.763 min Scan# 965

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

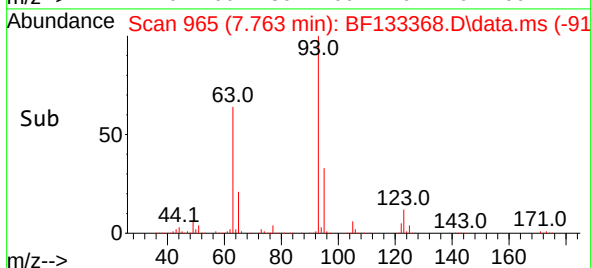
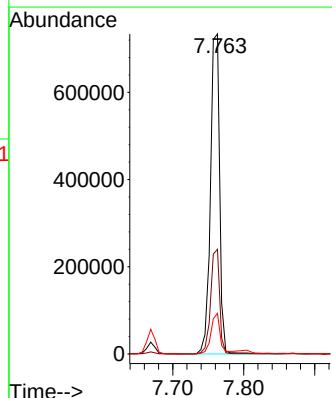
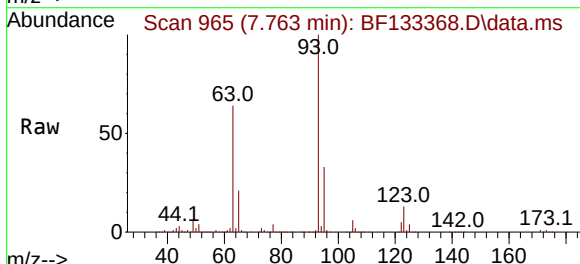
Tgt Ion: 93 Resp: 662136

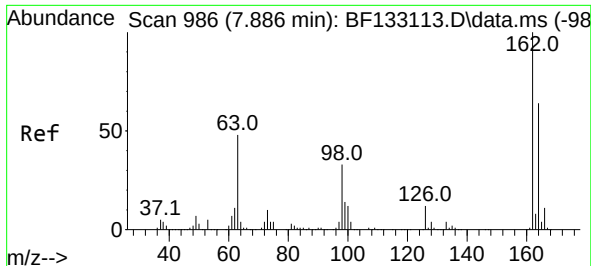
Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

123 12.7 10.3 15.5

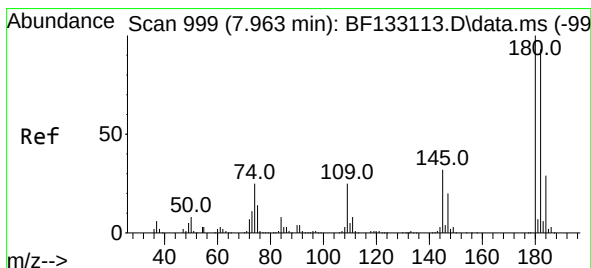
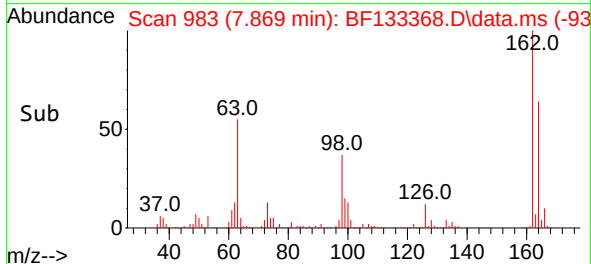
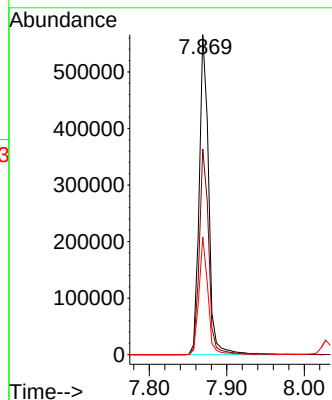
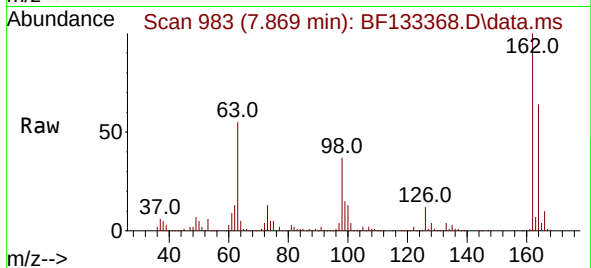




#29
2,4-Dichlorophenol
Concen: 43.596 ng
RT: 7.869 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

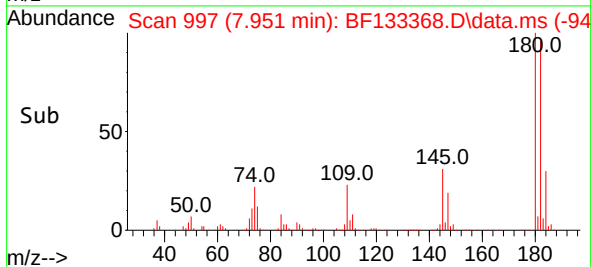
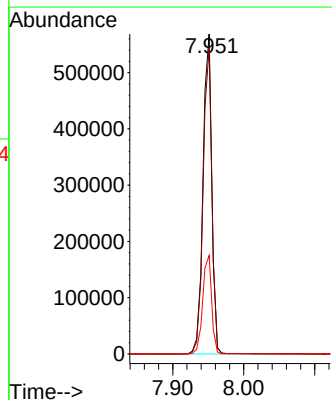
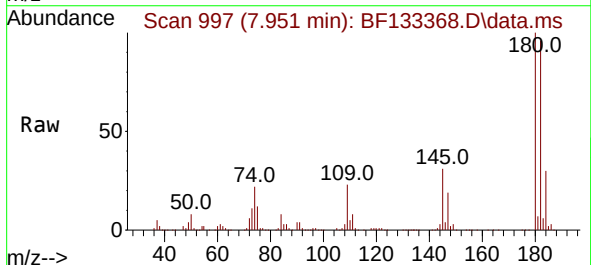
Instrument :
BNA_F
ClientSampleId :
PB152754BS

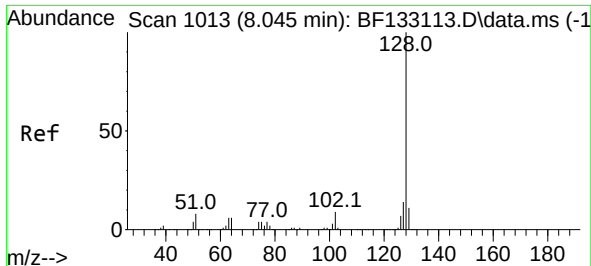
Tgt Ion:162 Resp: 478533
Ion Ratio Lower Upper
162 100
164 64.3 43.9 83.9
98 36.8 17.0 57.0



#30
1,2,4-Trichlorobenzene
Concen: 43.322 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion:180 Resp: 492635
Ion Ratio Lower Upper
180 100
182 95.7 75.9 113.9
145 30.8 25.3 37.9

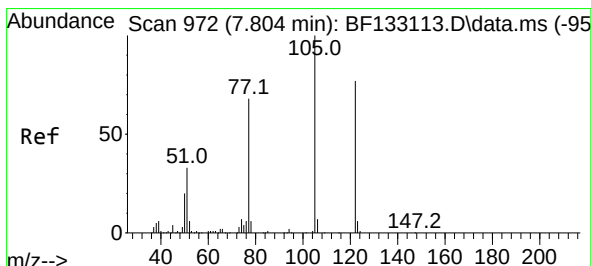
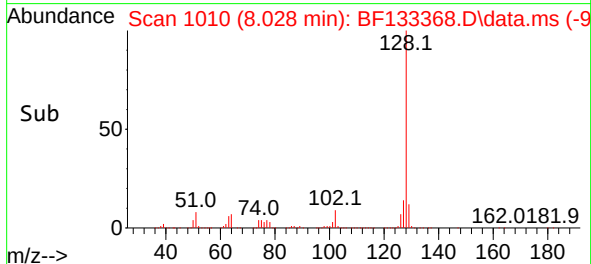
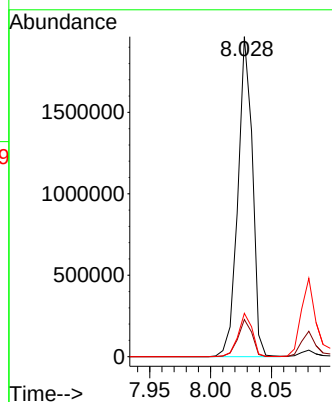
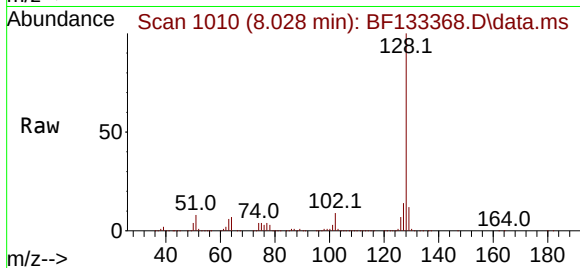




#31
Naphthalene
Concen: 41.883 ng
RT: 8.028 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

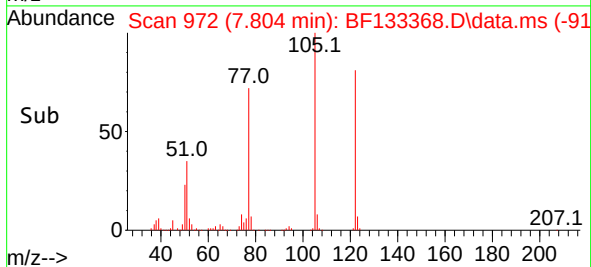
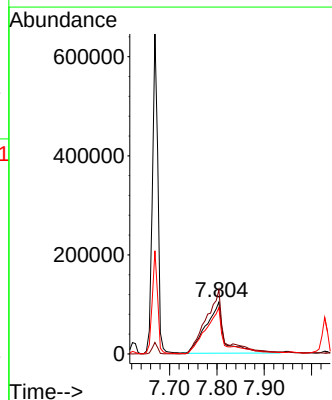
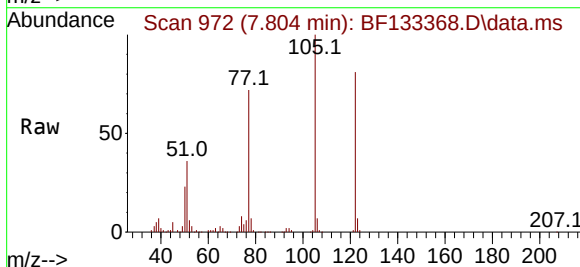
Instrument :
BNA_F
ClientSampleId :
PB152754BS

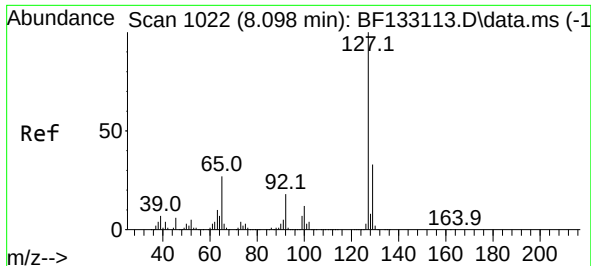
Tgt Ion:128 Resp: 1626121
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 38.125 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.012 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion:122 Resp: 283950
Ion Ratio Lower Upper
122 100
105 123.5 104.2 144.2
77 89.4 69.7 109.7

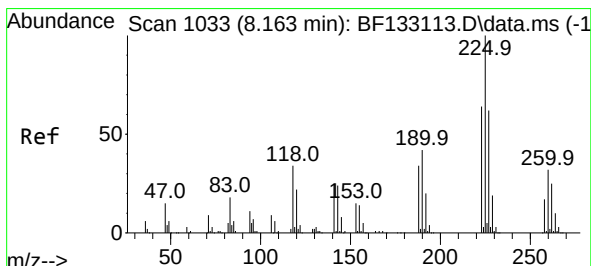
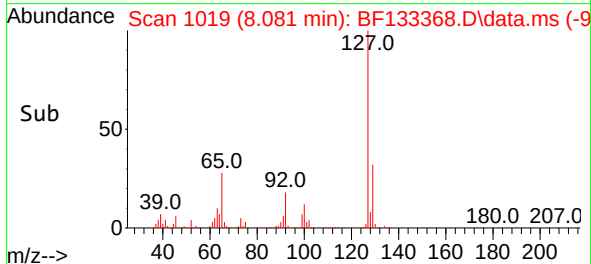
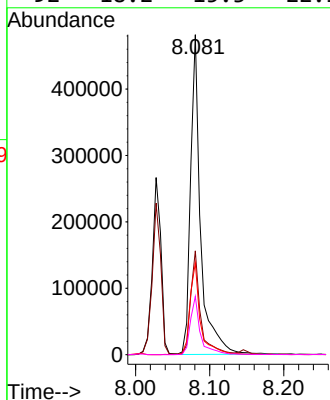
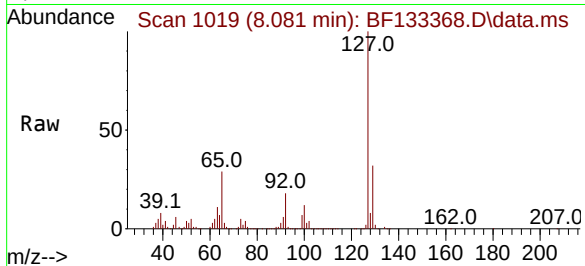




#33
4-Chloroaniline
Concen: 29.027 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

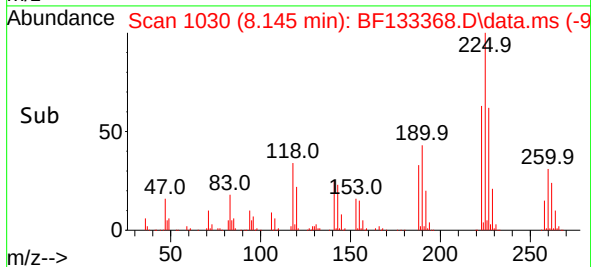
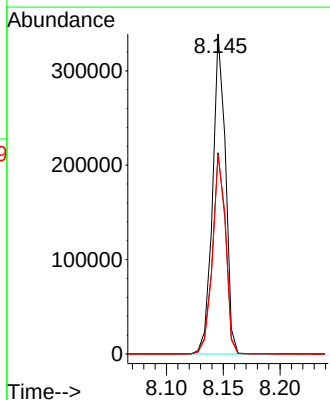
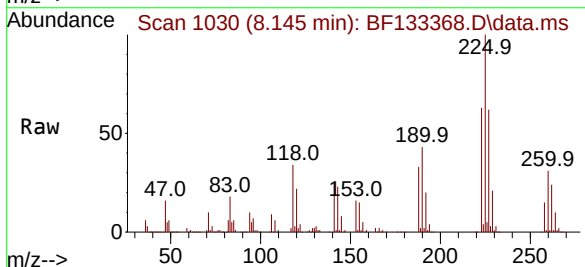
Instrument :
BNA_F
ClientSampleId :
PB152754BS

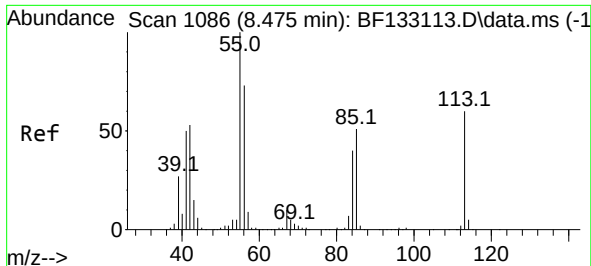
Tgt Ion:	127	Resp:	455344
Ion Ratio	Lower	Upper	
127	100		
129	32.4	25.8	38.8
65	28.7	23.6	35.4
92	18.2	15.3	22.9



#34
Hexachlorobutadiene
Concen: 42.321 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion:	225	Resp:	266729
Ion Ratio	Lower	Upper	
225	100		
223	62.9	50.9	76.3
227	62.2	50.3	75.5

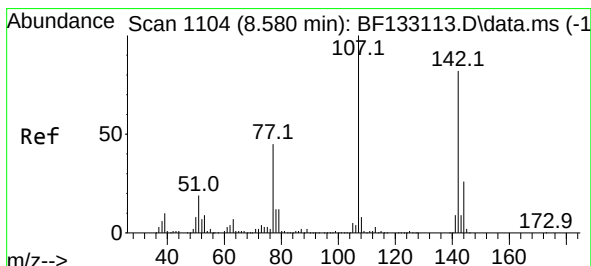
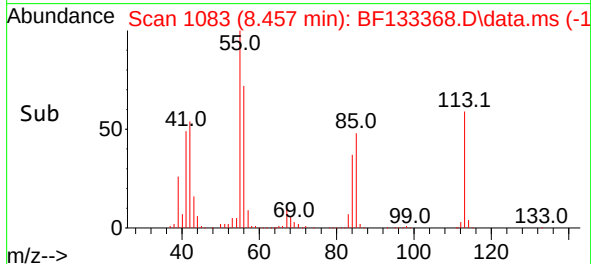
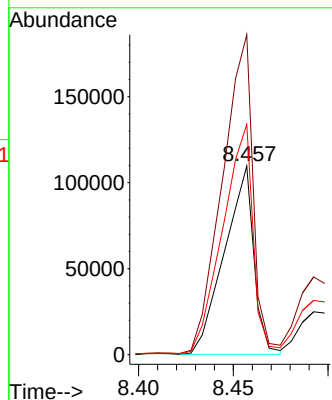
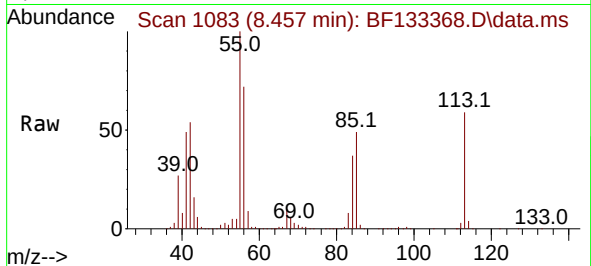




#35
 Caprolactam
 Concen: 32.068 ng
 RT: 8.457 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: BF133368.D
 Acq: 12 May 2023 14:18

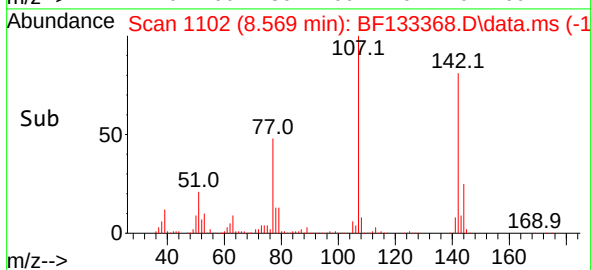
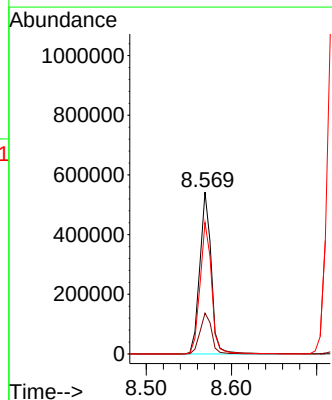
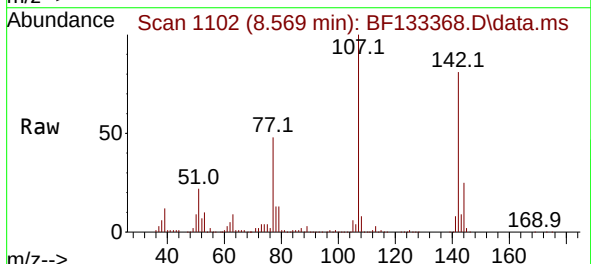
Instrument :
 BNA_F
 ClientSampleId :
 PB152754BS

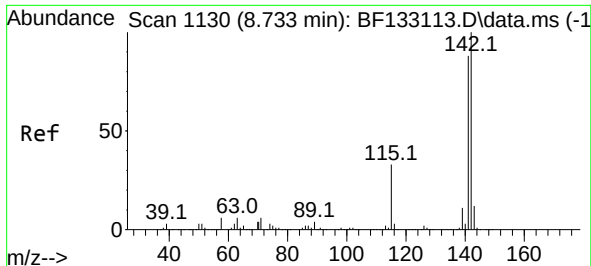
Tgt Ion:113 Resp: 118248
 Ion Ratio Lower Upper
 113 100
 55 169.7 167.1 207.1
 56 122.0 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 42.836 ng
 RT: 8.569 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: BF133368.D
 Acq: 12 May 2023 14:18

Tgt Ion:107 Resp: 507033
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.6 30.8
 142 81.2 62.8 94.2

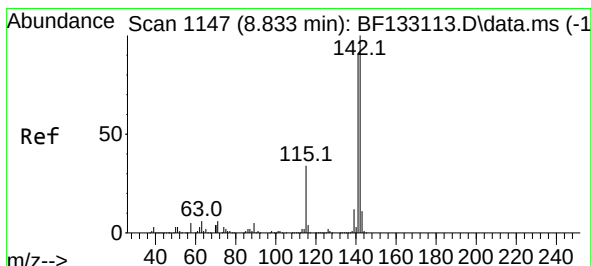
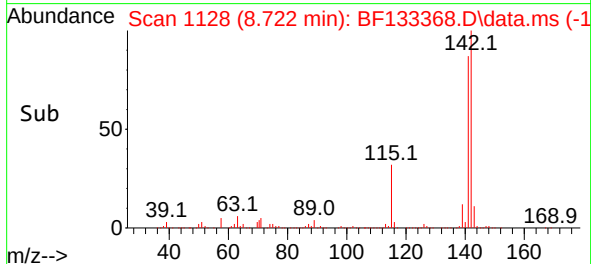
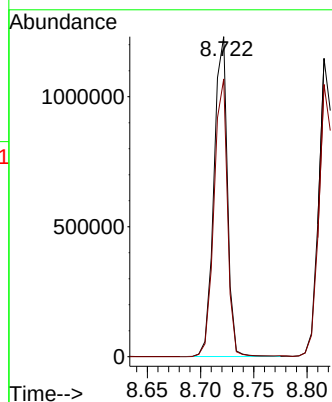
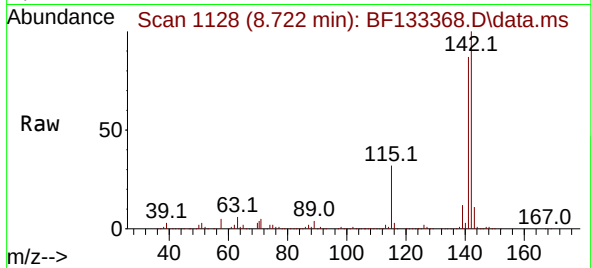




#37
2-Methylnaphthalene
Concen: 40.790 ng
RT: 8.722 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

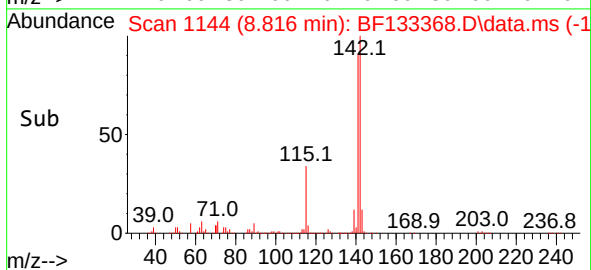
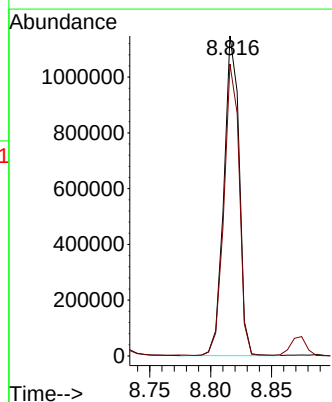
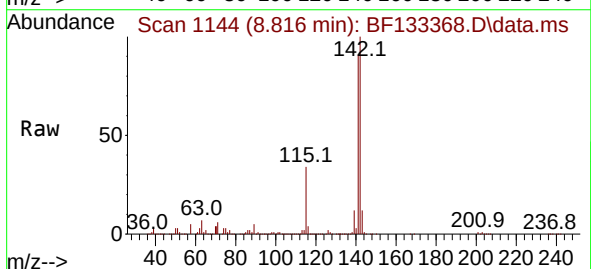
Instrument :
BNA_F
ClientSampleId :
PB152754BS

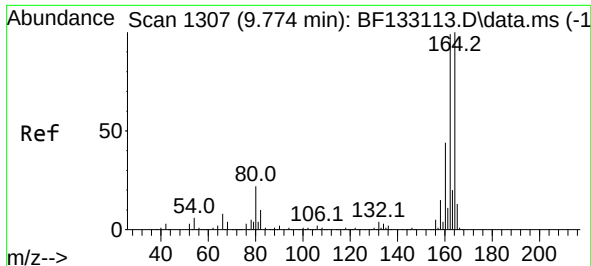
Tgt Ion:142 Resp: 1082743
Ion Ratio Lower Upper
142 100
141 86.8 69.4 104.0



#38
1-Methylnaphthalene
Concen: 40.395 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion:142 Resp: 1003079
Ion Ratio Lower Upper
142 100
141 91.3 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

Instrument :

BNA_F

ClientSampleId :

PB152754BS

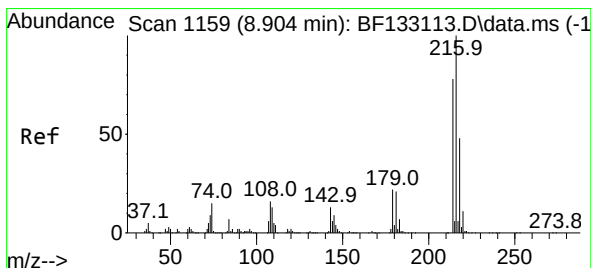
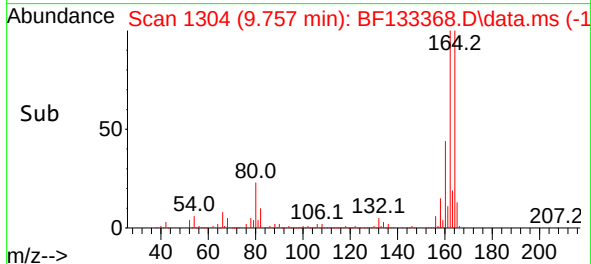
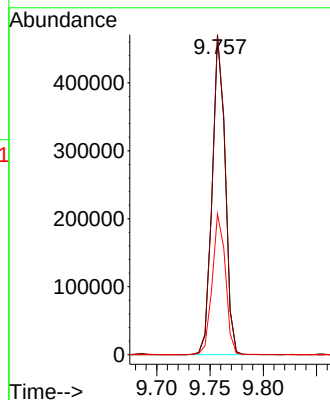
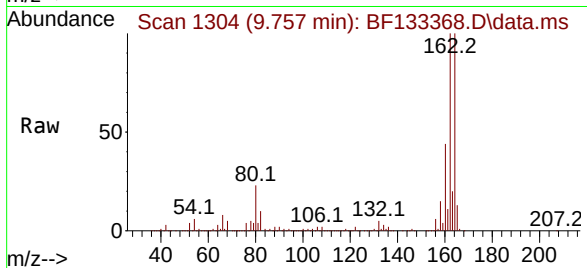
Tgt Ion:164 Resp: 397042

Ion Ratio Lower Upper

164 100

162 100.2 78.7 118.1

160 44.1 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.650 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

Tgt Ion:216 Resp: 444629

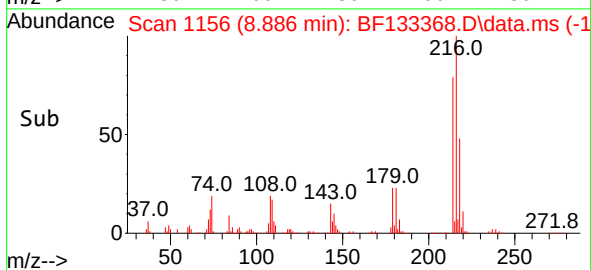
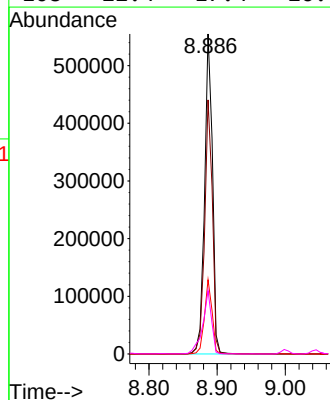
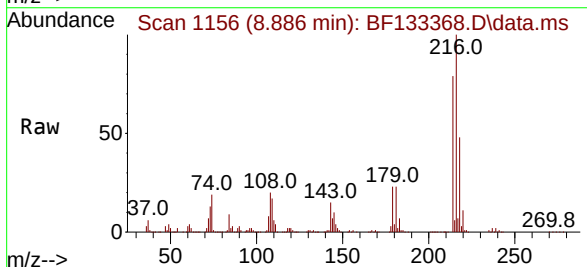
Ion Ratio Lower Upper

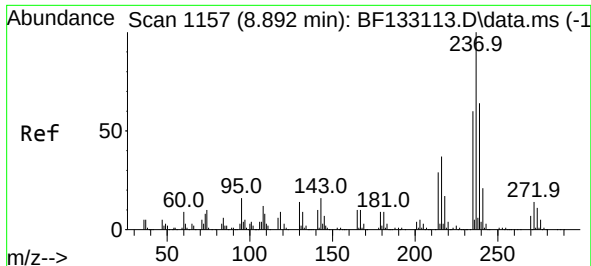
216 100

214 78.2 63.5 95.3

179 22.4 17.4 26.2

108 22.4 17.4 26.0

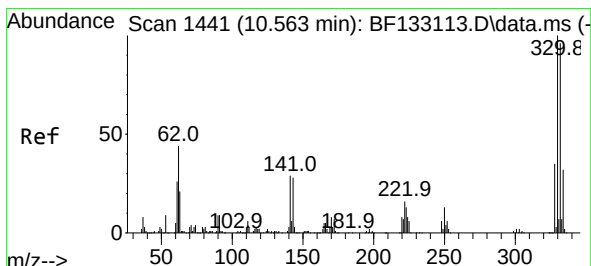
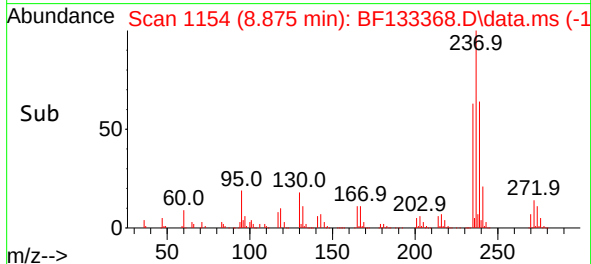
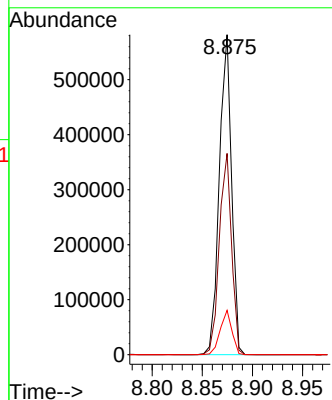
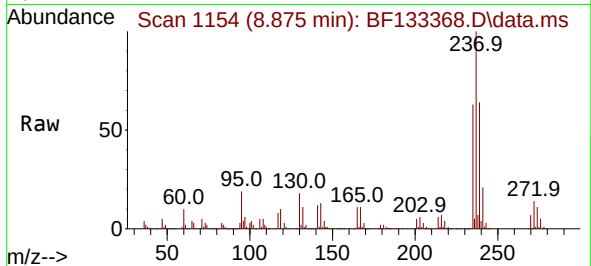




#41
Hexachlorocyclopentadiene
Concen: 79.140 ng
RT: 8.875 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

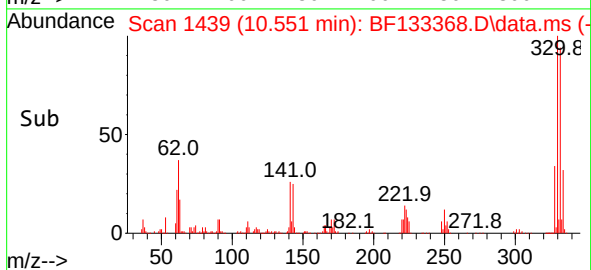
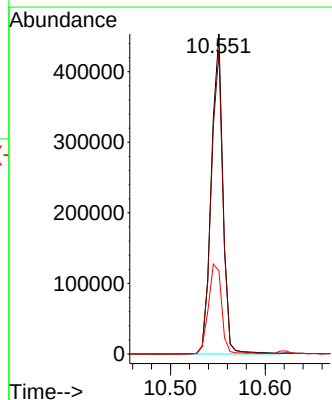
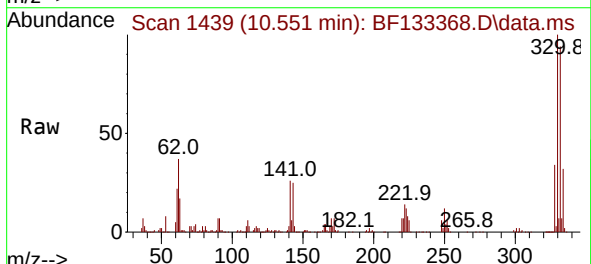
Instrument :
BNA_F
ClientSampleId :
PB152754BS

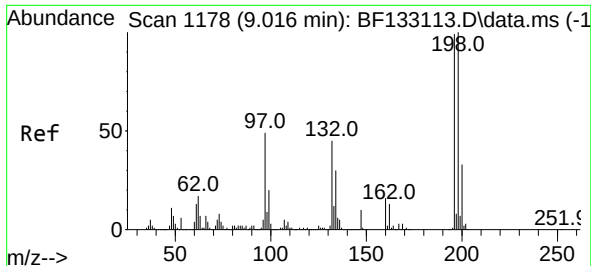
Tgt Ion:237 Resp: 492718
Ion Ratio Lower Upper
237 100
235 62.9 43.5 83.5
272 13.9 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 96.300 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion:330 Resp: 384526
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 32.3 25.8 38.8

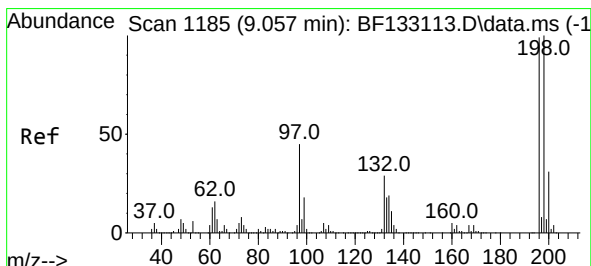
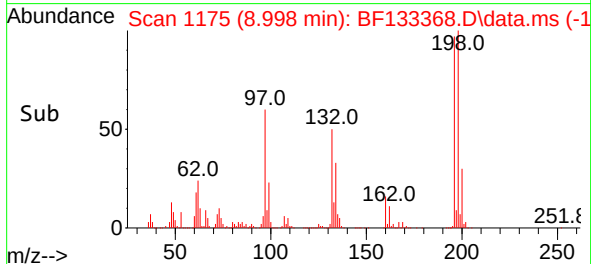
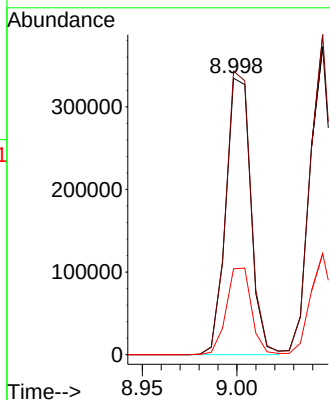
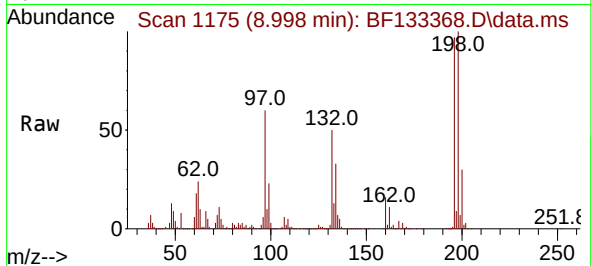




#43
2,4,6-Trichlorophenol
Concen: 41.740 ng
RT: 8.998 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

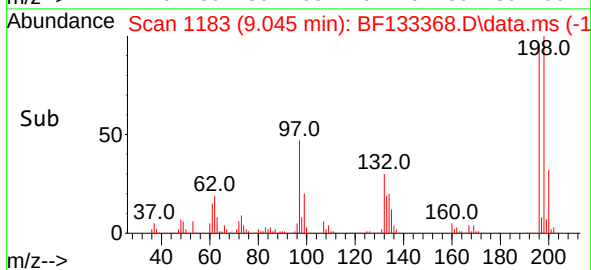
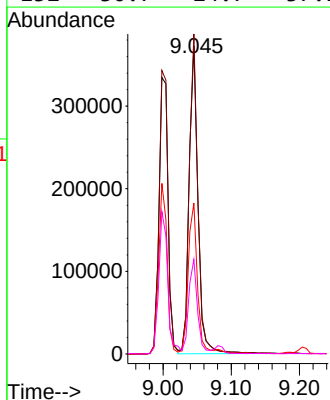
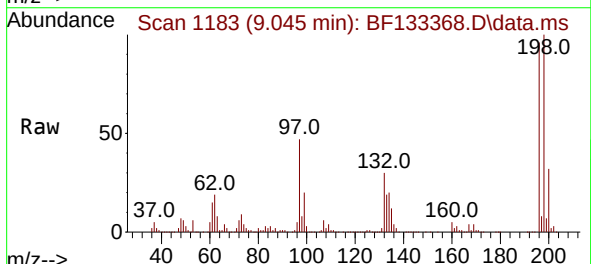
Instrument :
BNA_F
ClientSampleId :
PB152754BS

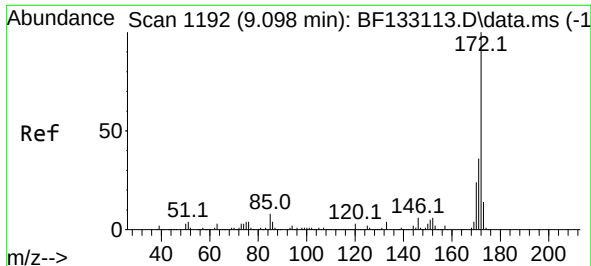
Tgt Ion:196 Resp: 308158
Ion Ratio Lower Upper
196 100
198 102.6 81.0 121.6
200 31.1 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 39.156 ng
RT: 9.045 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion:196 Resp: 334331
Ion Ratio Lower Upper
196 100
198 103.9 80.9 121.3
97 49.0 41.3 61.9
132 30.7 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 69.961 ng

RT: 9.081 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

Instrument :

BNA_F

ClientSampleId :

PB152754BS

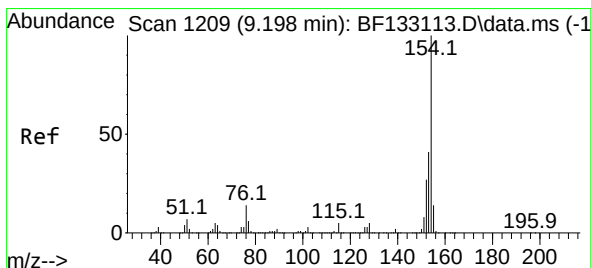
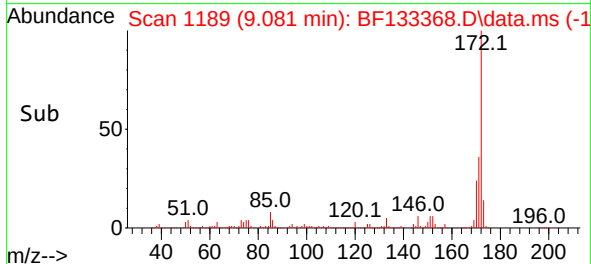
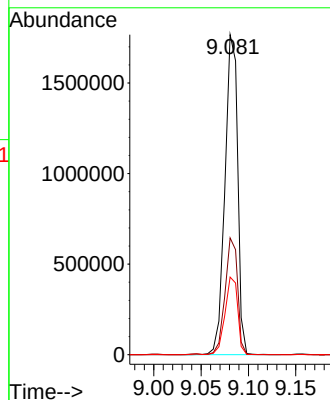
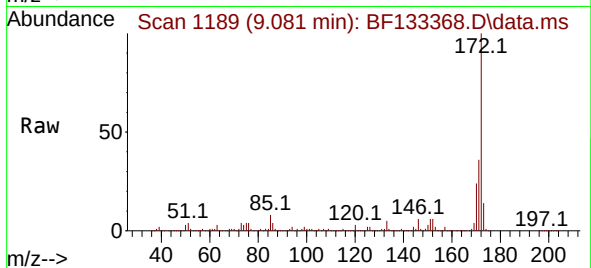
Tgt Ion:172 Resp: 1660336

Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

170 24.3 19.4 29.2



#46

1,1'-Biphenyl

Concen: 42.146 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

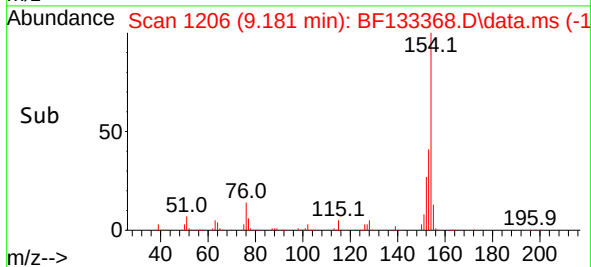
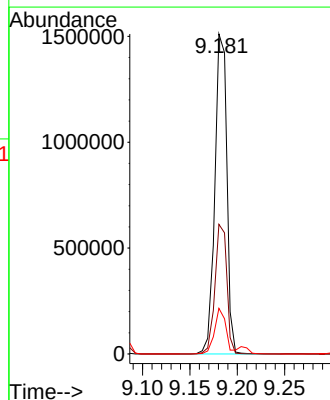
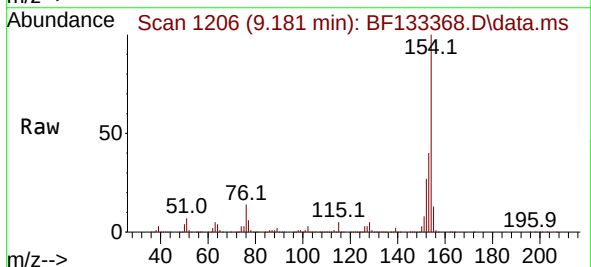
Tgt Ion:154 Resp: 1326918

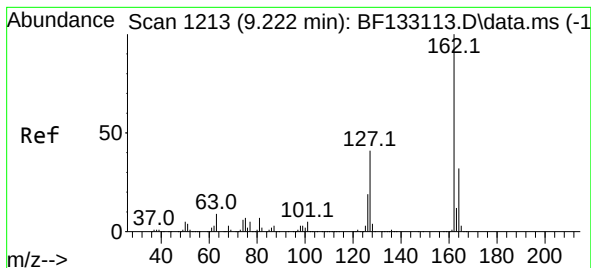
Ion Ratio Lower Upper

154 100

153 40.5 21.0 61.0

76 14.3 0.0 34.5





#47

2-Chloronaphthalene

Concen: 42.919 ng

RT: 9.204 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

Instrument :

BNA_F

ClientSampleId :

PB152754BS

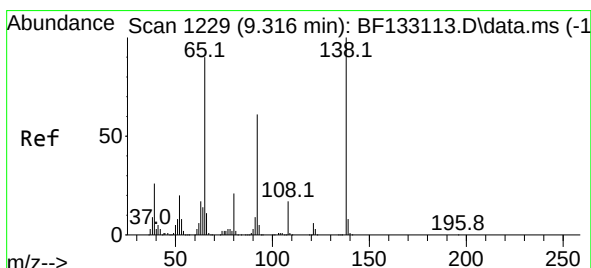
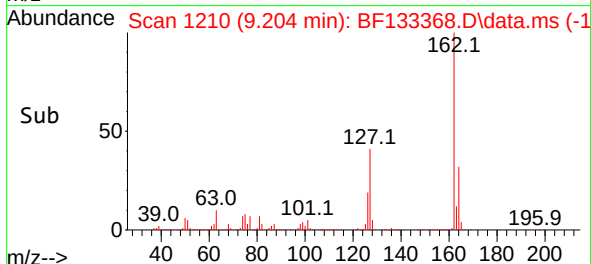
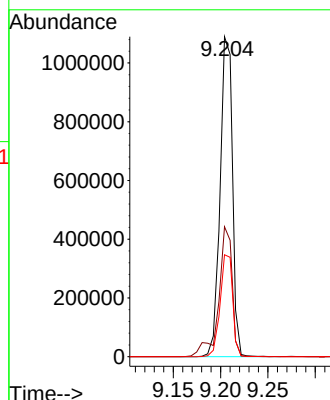
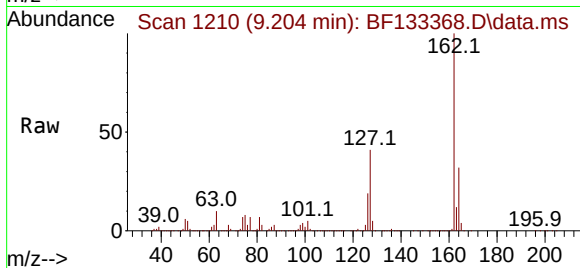
Tgt Ion:162 Resp: 989023

Ion Ratio Lower Upper

162 100

127 40.6 32.3 48.5

164 31.8 26.8 40.2



#48

2-Nitroaniline

Concen: 42.160 ng

RT: 9.304 min Scan# 1227

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

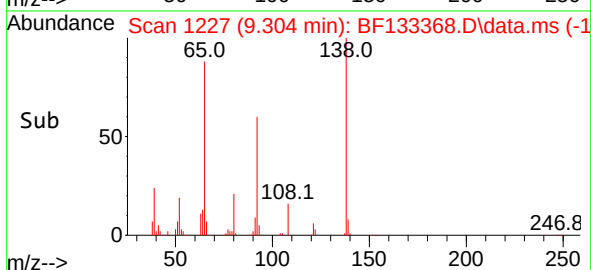
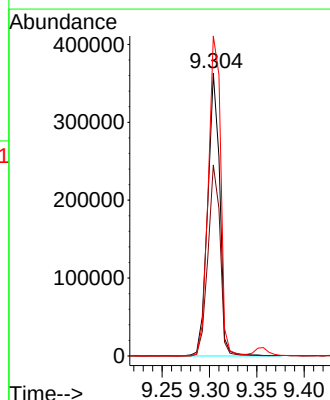
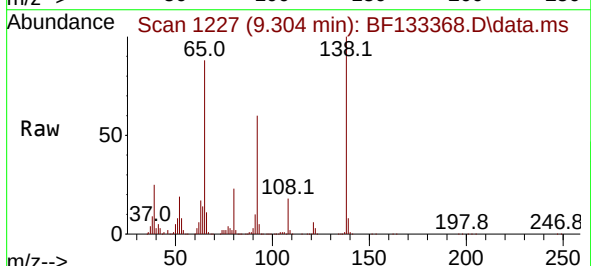
Tgt Ion: 65 Resp: 321089

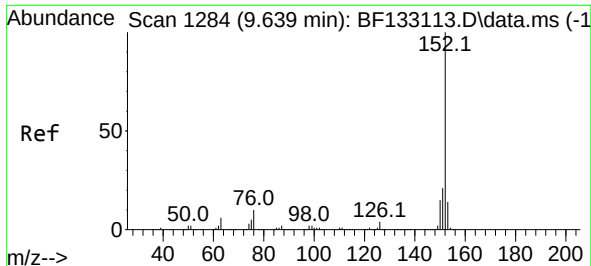
Ion Ratio Lower Upper

65 100

92 67.6 55.4 83.0

138 113.2 98.2 147.2





#49

Acenaphthylene

Concen: 41.521 ng

RT: 9.622 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

Instrument :

BNA_F

ClientSampleId :

PB152754BS

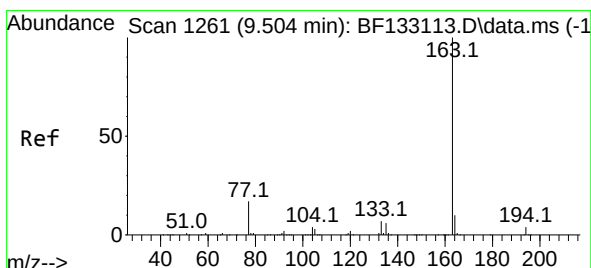
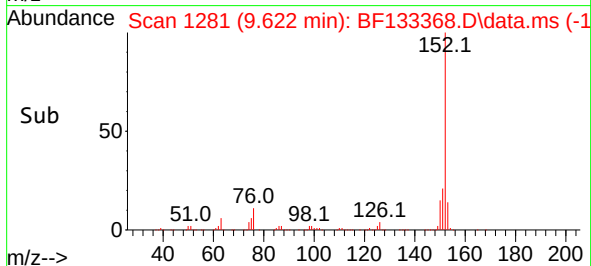
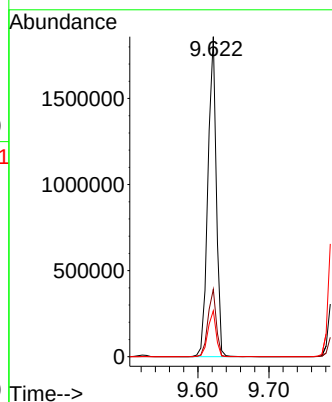
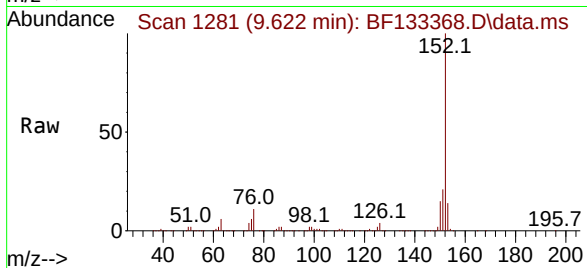
Tgt Ion:152 Resp: 1528816

Ion Ratio Lower Upper

152 100

151 21.0 16.6 24.8

153 14.4 11.5 17.3



#50

Dimethylphthalate

Concen: 41.660 ng

RT: 9.486 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

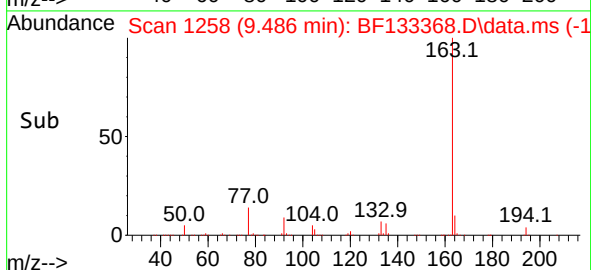
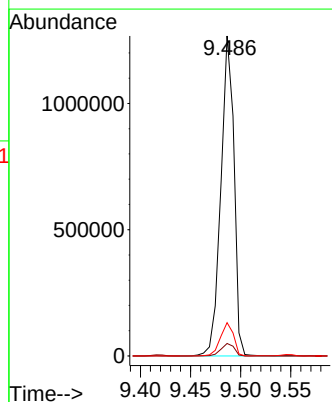
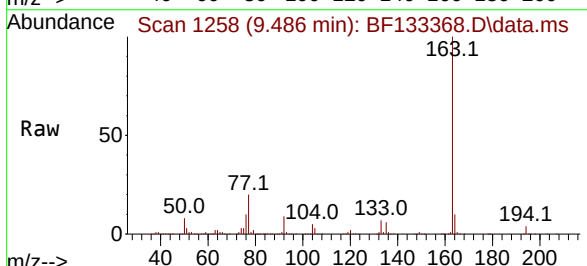
Tgt Ion:163 Resp: 1153359

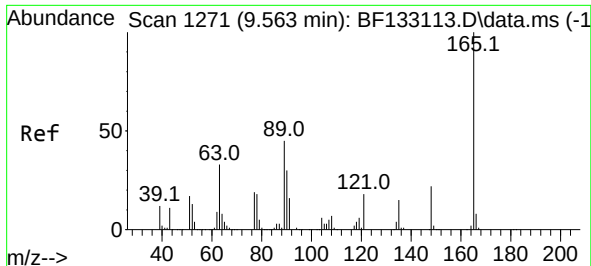
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.4 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 42.720 ng

RT: 9.545 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

Instrument :

BNA_F

ClientSampleId :

PB152754BS

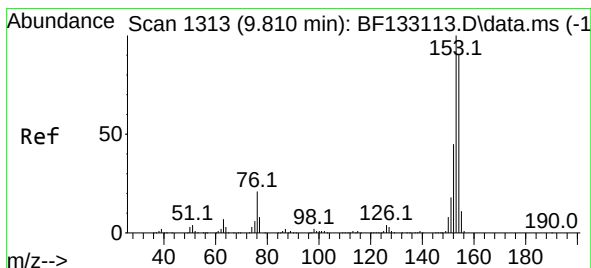
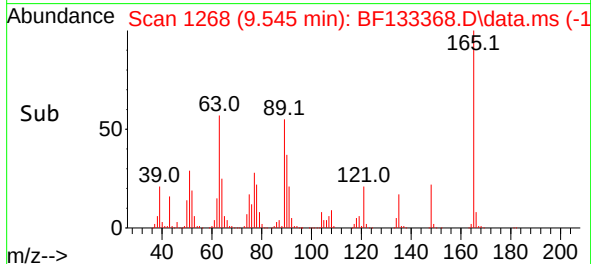
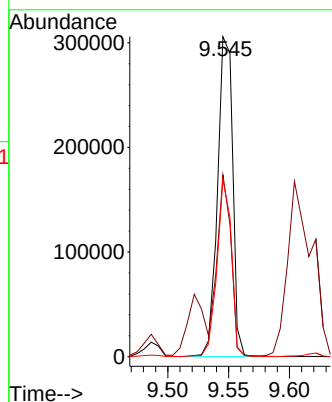
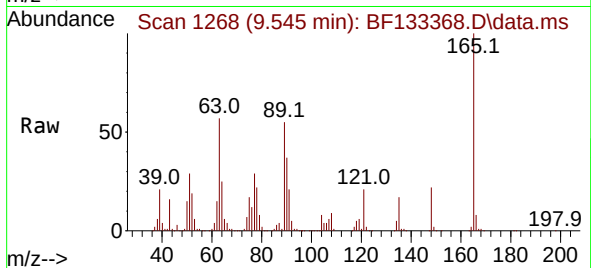
Tgt Ion:165 Resp: 266198

Ion Ratio Lower Upper

165 100

63 56.8 45.9 68.9

89 55.4 44.0 66.0



#52

Acenaphthene

Concen: 38.550 ng

RT: 9.792 min Scan# 1310

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

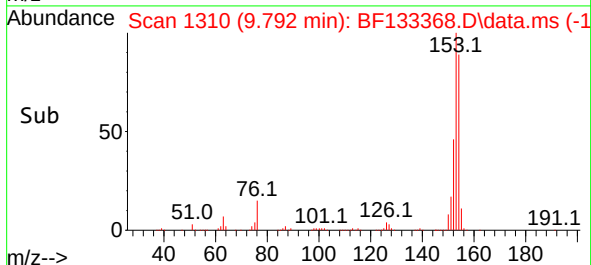
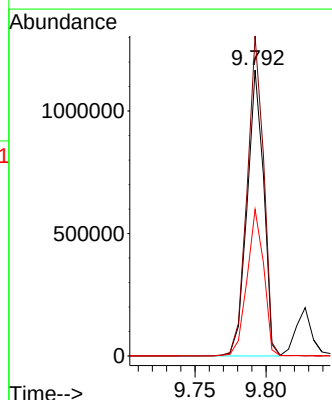
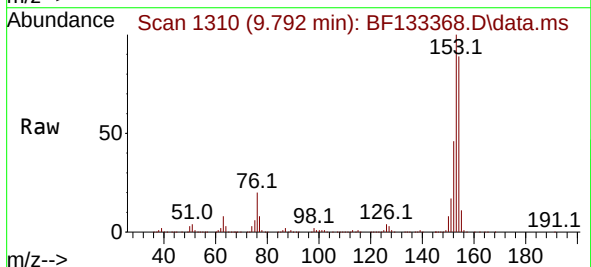
Tgt Ion:154 Resp: 950682

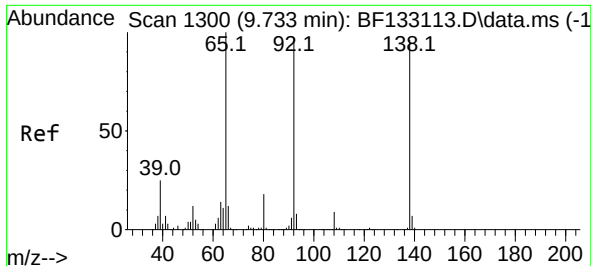
Ion Ratio Lower Upper

154 100

153 111.9 89.0 133.6

152 51.3 40.4 60.6

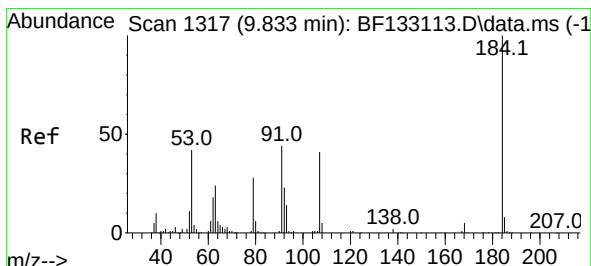
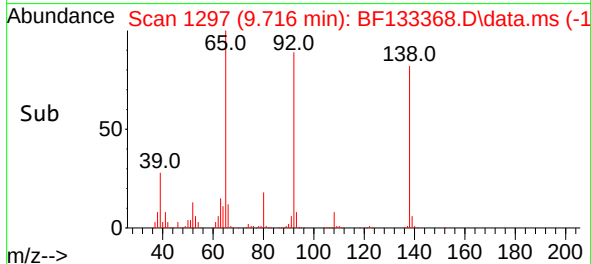
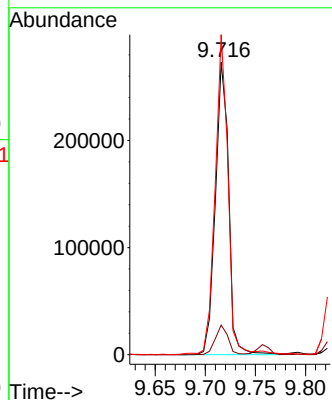
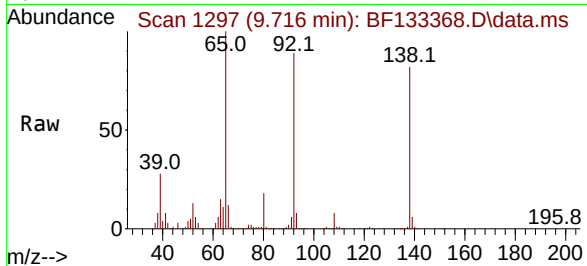




#53
3-Nitroaniline
Concen: 33.836 ng
RT: 9.716 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

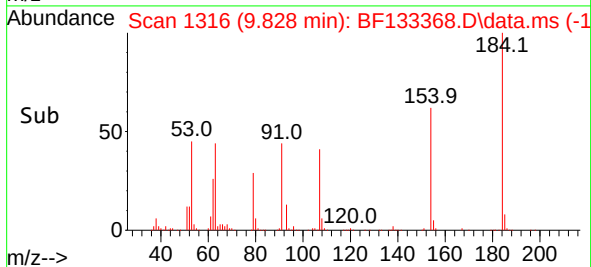
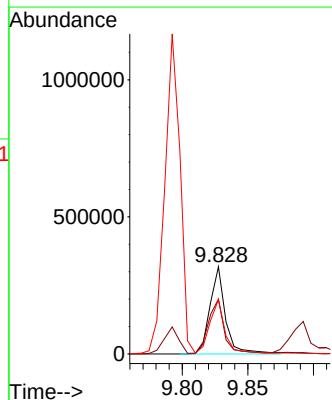
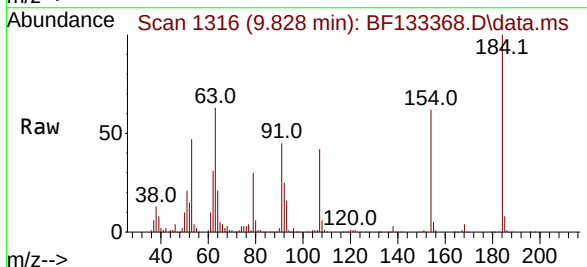
Instrument :
BNA_F
ClientSampleId :
PB152754BS

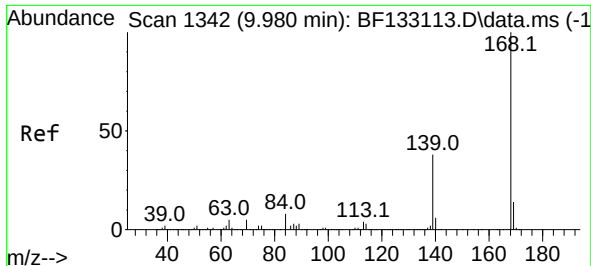
Tgt Ion:138 Resp: 250689
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 109.4 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 84.034 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion:184 Resp: 263202
Ion Ratio Lower Upper
184 100
63 62.9 49.8 74.8
154 62.1 49.5 74.3

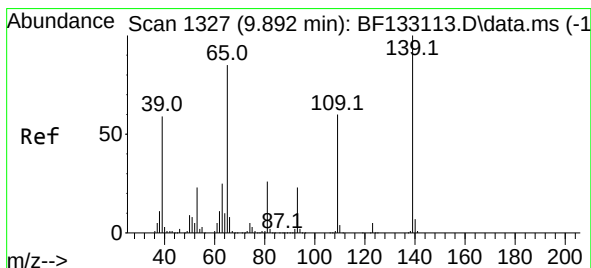
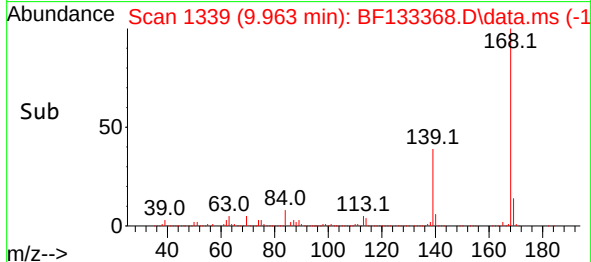
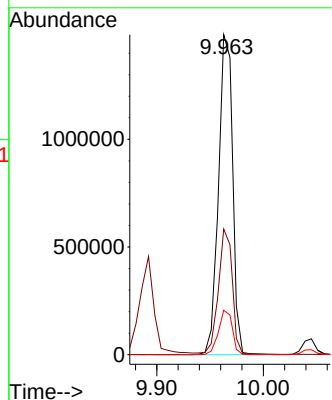
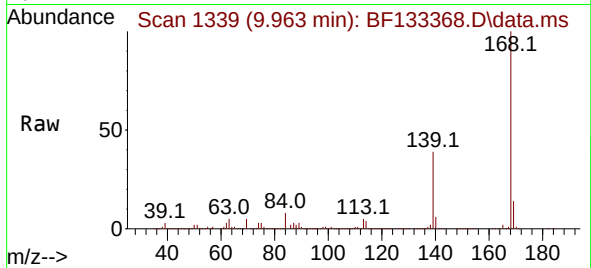




#55
Dibenzenofuran
Concen: 40.721 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

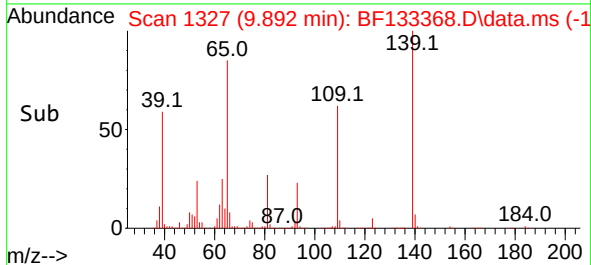
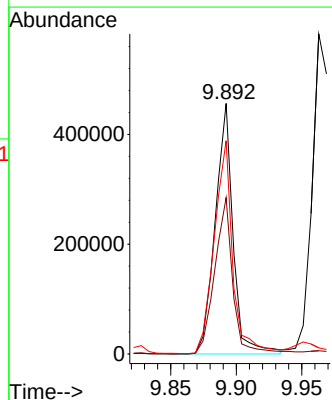
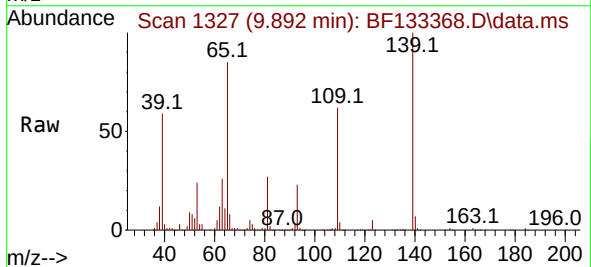
Instrument :
BNA_F
ClientSampleId :
PB152754BS

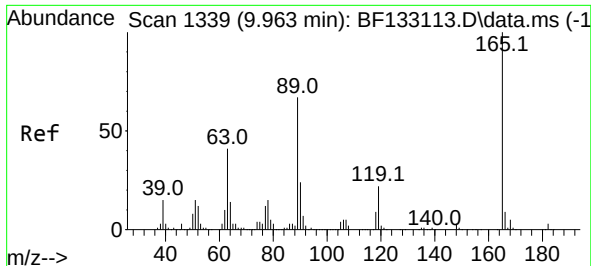
Tgt Ion:168 Resp: 1369833
Ion Ratio Lower Upper
168 100
139 39.2 29.8 44.8
169 13.9 10.8 16.2



#56
4-Nitrophenol
Concen: 75.346 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion:139 Resp: 432368
Ion Ratio Lower Upper
139 100
109 62.4 39.4 79.4
65 85.2 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 43.986 ng

RT: 9.951 min Scan# 1337

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

Instrument :

BNA_F

ClientSampleId :

PB152754BS

Tgt Ion:165 Resp: 349535

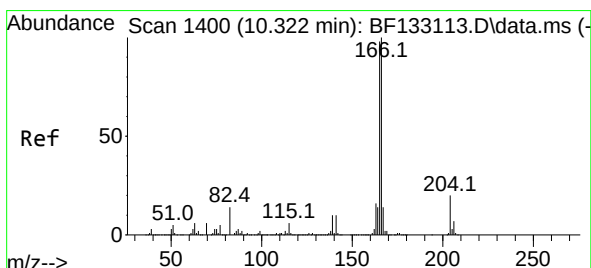
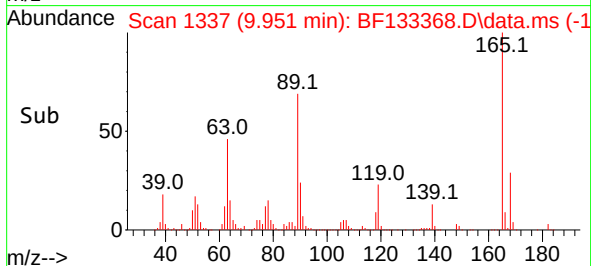
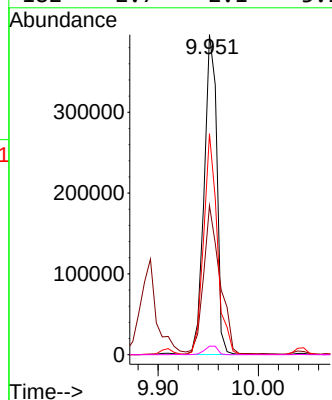
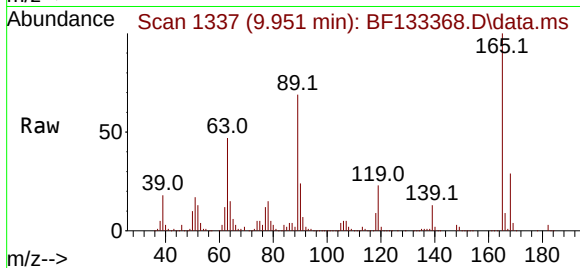
Ion Ratio Lower Upper

165 100

63 46.6 37.7 56.5

89 69.0 57.0 85.4

182 2.7 2.1 3.1



#58

Fluorene

Concen: 41.369 ng

RT: 10.310 min Scan# 1398

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

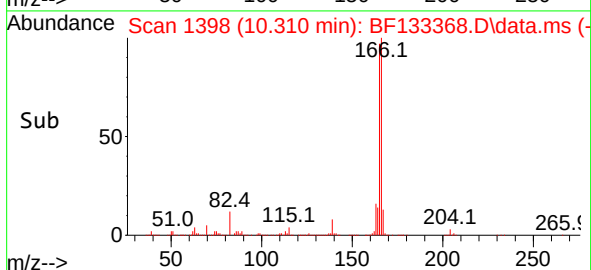
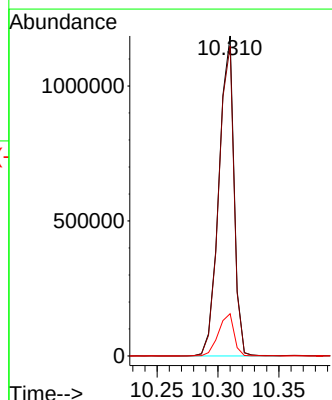
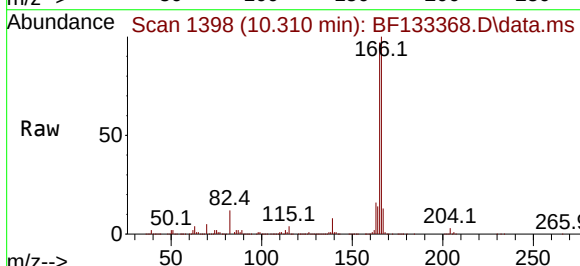
Tgt Ion:166 Resp: 1019567

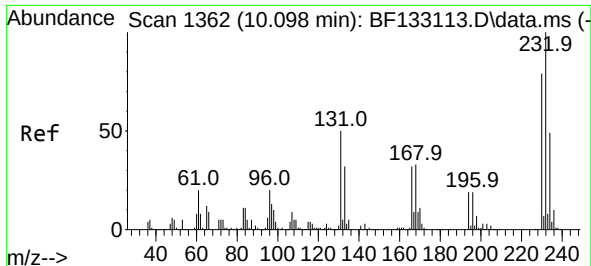
Ion Ratio Lower Upper

166 100

165 96.9 78.6 117.8

167 13.2 11.0 16.4

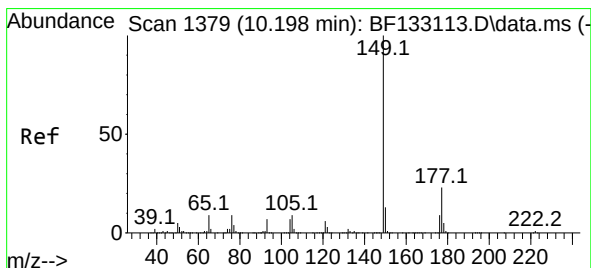
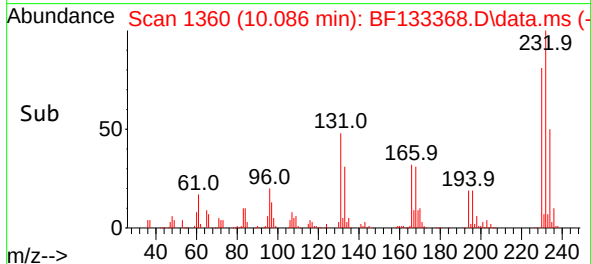
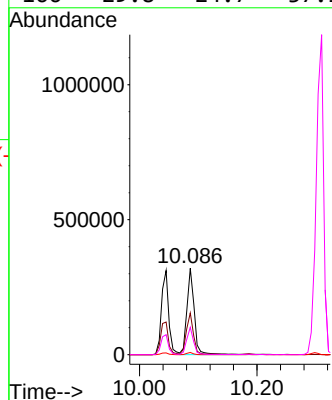
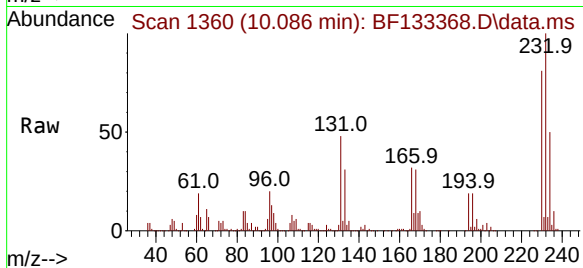




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.409 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

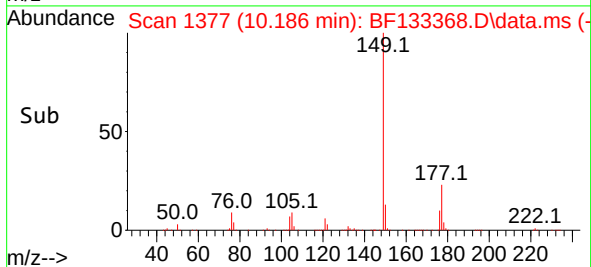
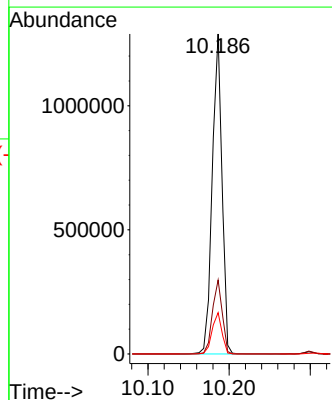
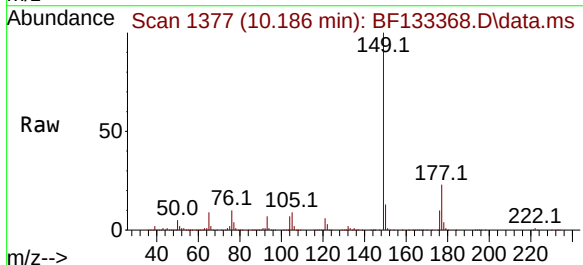
Instrument :
BNA_F
ClientSampleId :
PB152754BS

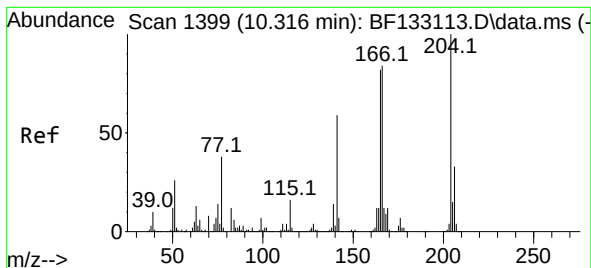
Tgt Ion:232 Resp: 274104
Ion Ratio Lower Upper
232 100
131 47.2 38.0 57.0
130 2.4 1.8 2.8
166 29.8 24.7 37.1



#60
Diethylphthalate
Concen: 40.927 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion:149 Resp: 1070245
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.4
150 12.9 10.2 15.4

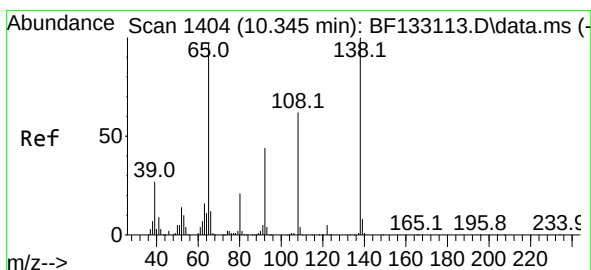
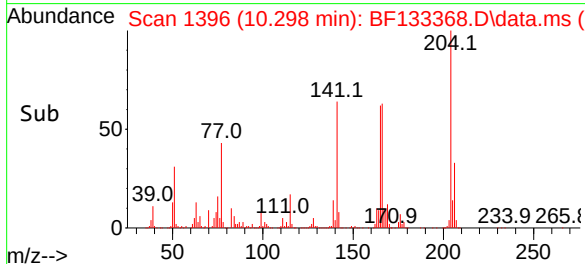
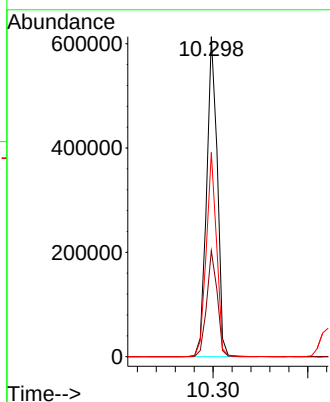
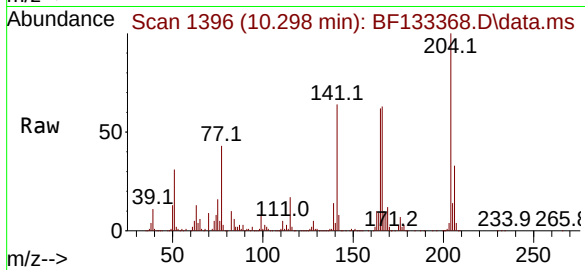




#61
4-Chlorophenyl-phenylether
Concen: 39.781 ng
RT: 10.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

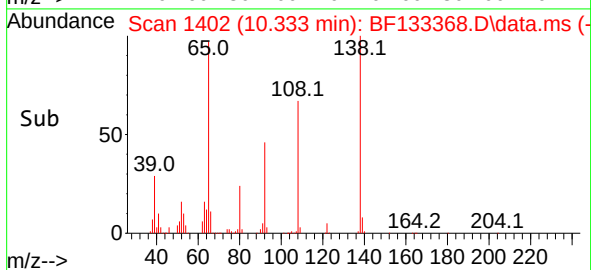
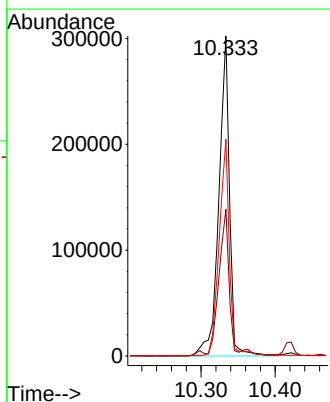
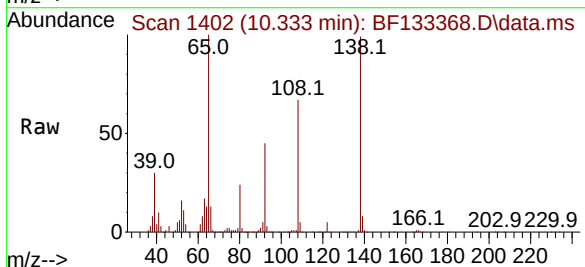
Instrument :
BNA_F
ClientSampleId :
PB152754BS

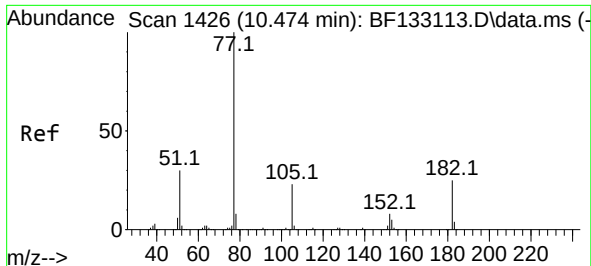
Tgt Ion:204 Resp: 477789
Ion Ratio Lower Upper
204 100
206 33.1 26.1 39.1
141 63.8 46.1 69.1



#62
4-Nitroaniline
Concen: 44.424 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion:138 Resp: 302506
Ion Ratio Lower Upper
138 100
92 45.8 27.7 67.7
108 67.7 45.2 85.2



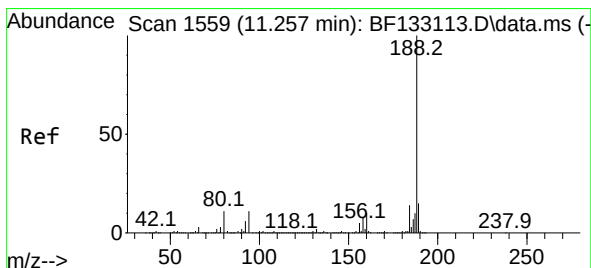
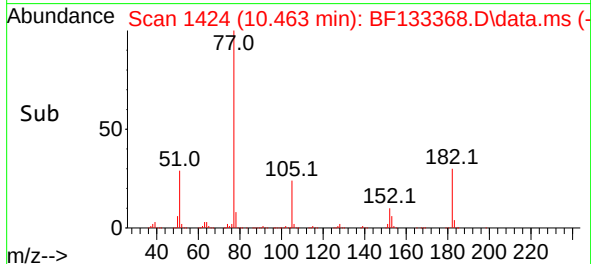
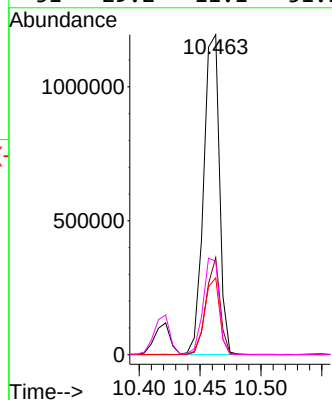
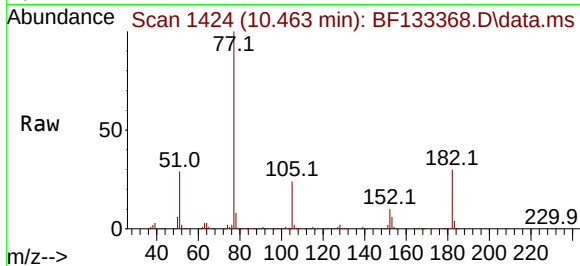


#63
Azobenzene
Concen: 39.091 ng
RT: 10.463 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Instrument :
BNA_F
ClientSampleId :
PB152754BS

Tgt Ion: 77 Resp: 1082885

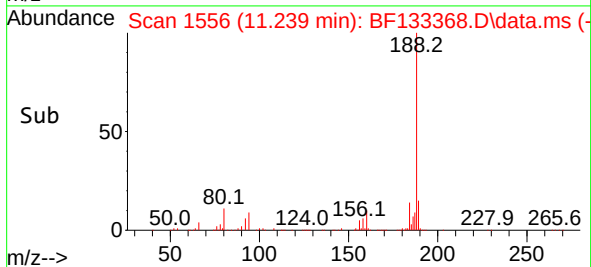
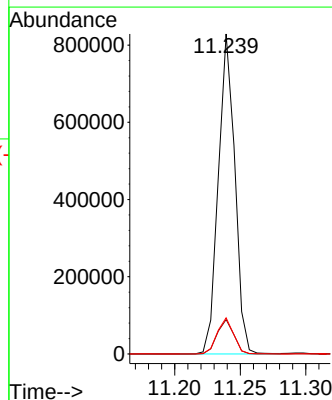
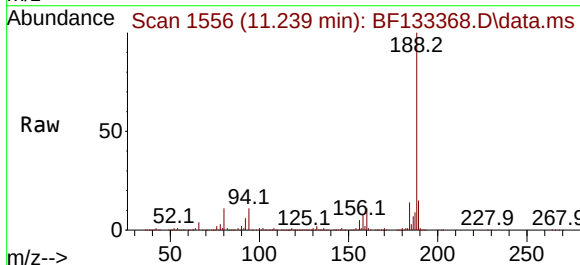
Ion	Ratio	Lower	Upper
77	100		
182	30.3	5.9	45.9
105	24.0	2.3	42.3
51	29.2	11.1	51.1

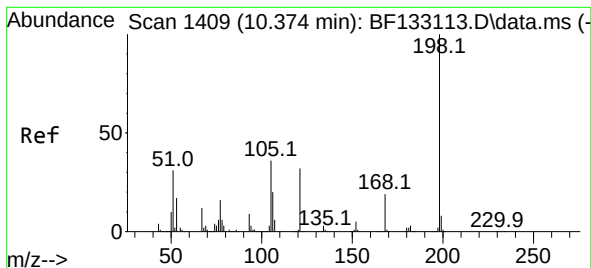


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion: 188 Resp: 725694

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.7	14.5
80	11.3	10.4	15.6

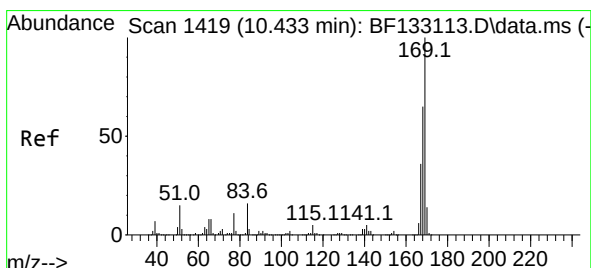
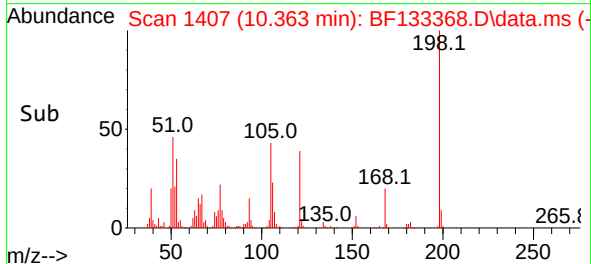
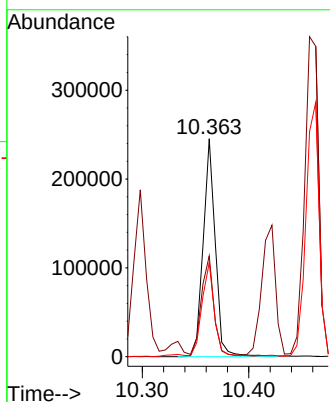
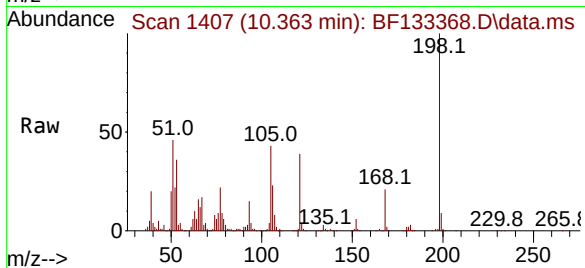




#65
4,6-Dinitro-2-methylphenol
Concen: 44.352 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

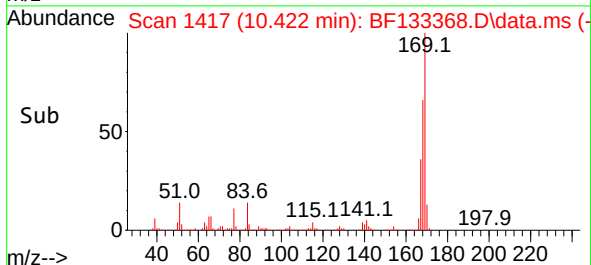
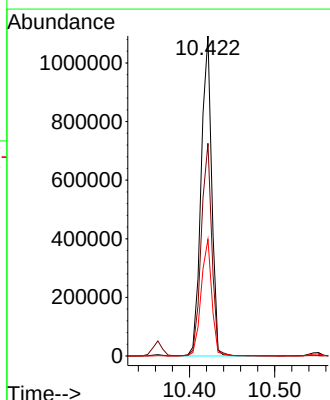
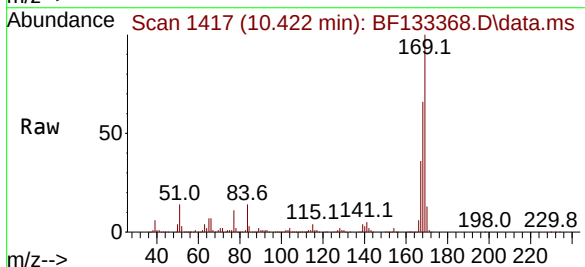
Instrument :
BNA_F
ClientSampleId :
PB152754BS

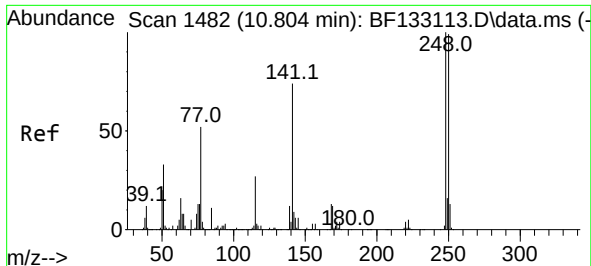
Tgt Ion:198 Resp: 195087
Ion Ratio Lower Upper
198 100
51 46.3 15.5 55.5
105 43.2 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 39.883 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion:169 Resp: 938837
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.8
167 36.4 29.7 44.5

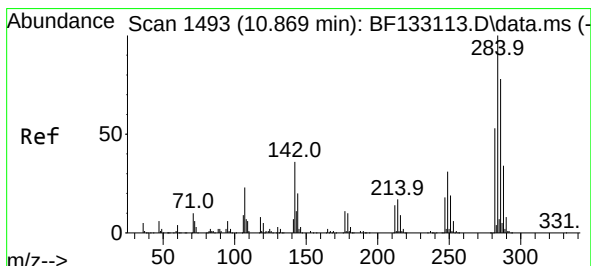
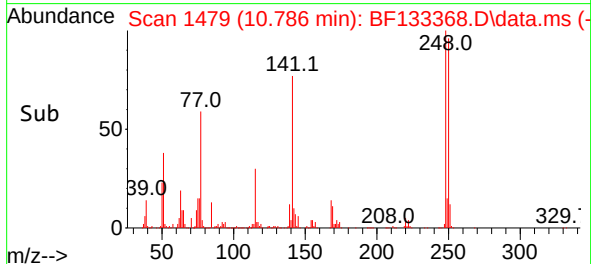
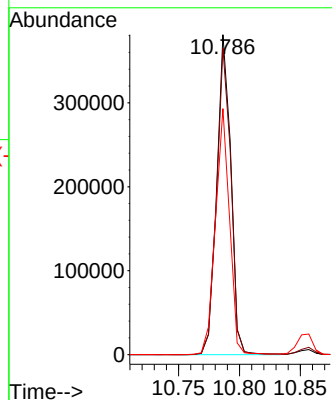
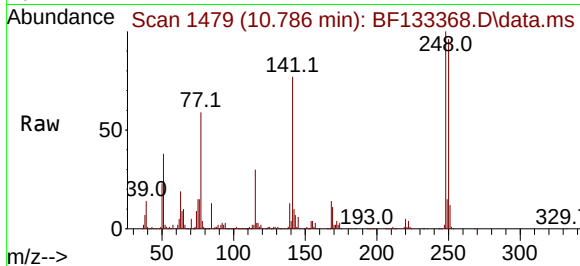




#67
4-Bromophenyl-phenylether
Concen: 39.117 ng
RT: 10.786 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

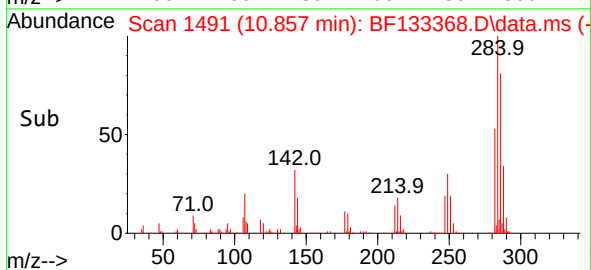
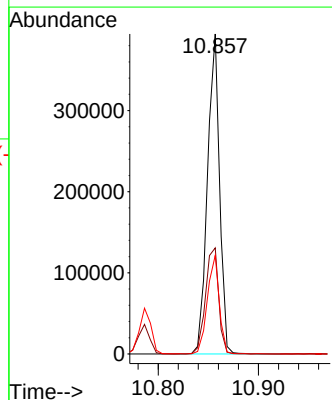
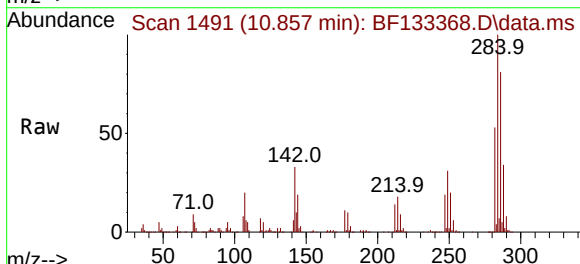
Instrument :
BNA_F
ClientSampleId :
PB152754BS

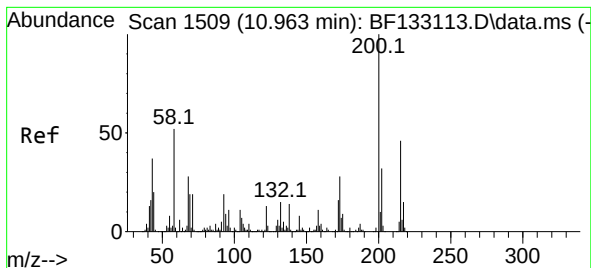
Tgt Ion:248 Resp: 307870
Ion Ratio Lower Upper
248 100
250 95.8 78.7 118.1
141 76.9 56.3 84.5



#68
Hexachlorobenzene
Concen: 41.176 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion:284 Resp: 332077
Ion Ratio Lower Upper
284 100
142 33.2 26.0 39.0
249 30.8 23.7 35.5





#69

Atrazine

Concen: 47.151 ng

RT: 10.951 min Scan# 1507

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

Instrument :

BNA_F

ClientSampleId :

PB152754BS

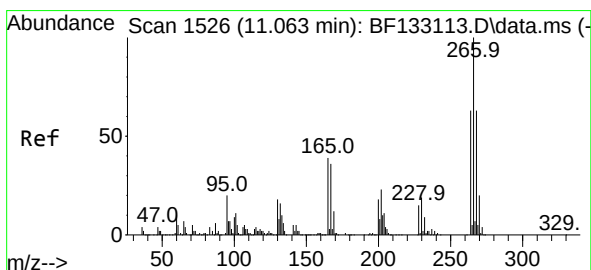
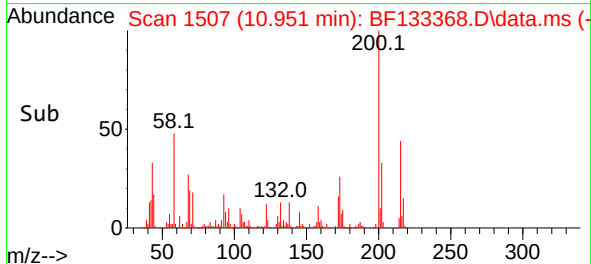
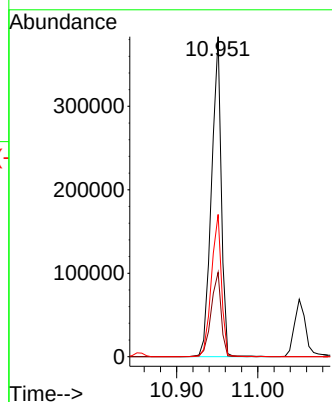
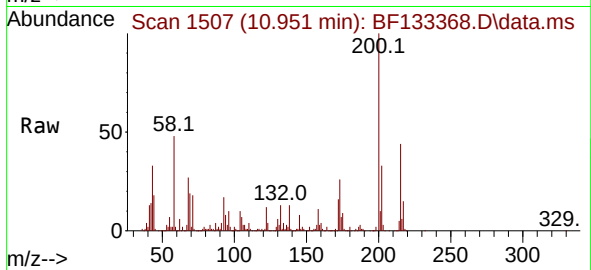
Tgt Ion:200 Resp: 319817

Ion Ratio Lower Upper

200 100

173 26.4 6.2 46.2

215 44.5 26.3 66.3



#70

Pentachlorophenol

Concen: 66.521 ng

RT: 11.051 min Scan# 1524

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

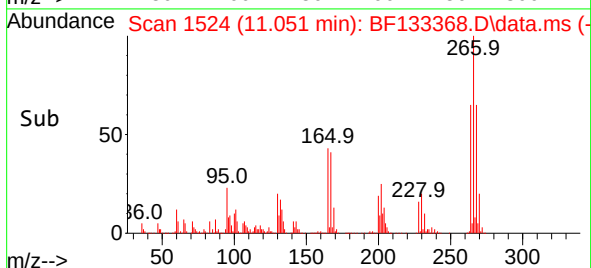
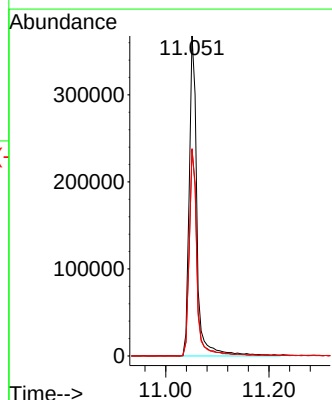
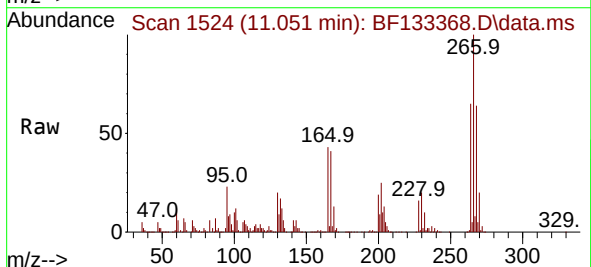
Tgt Ion:266 Resp: 382083

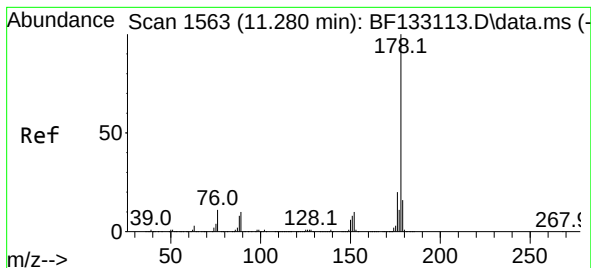
Ion Ratio Lower Upper

266 100

268 64.5 48.8 73.2

264 64.8 50.6 76.0





#71

Phenanthrene

Concen: 40.390 ng

RT: 11.269 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

Instrument :

BNA_F

ClientSampleId :

PB152754BS

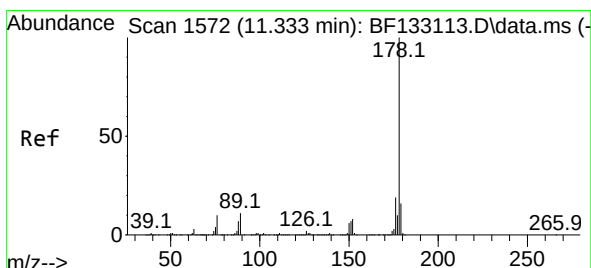
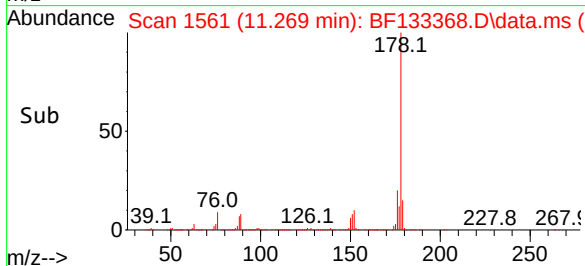
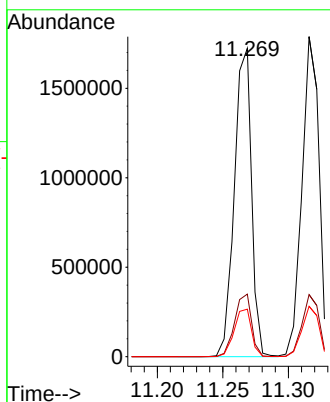
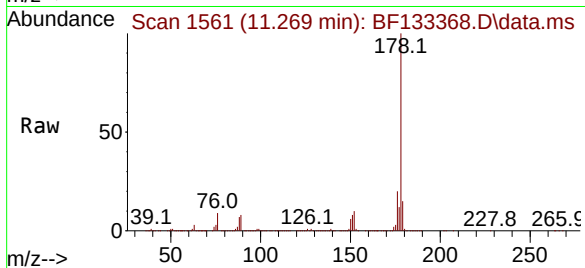
Tgt Ion:178 Resp: 1575359

Ion Ratio Lower Upper

178 100

176 20.3 15.9 23.9

179 15.4 12.5 18.7



#72

Anthracene

Concen: 40.544 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

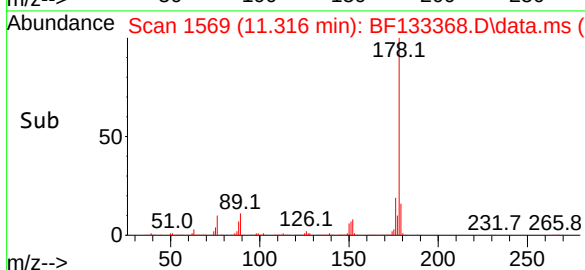
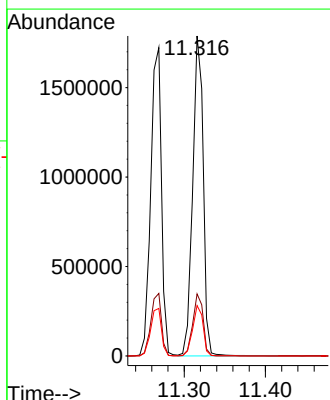
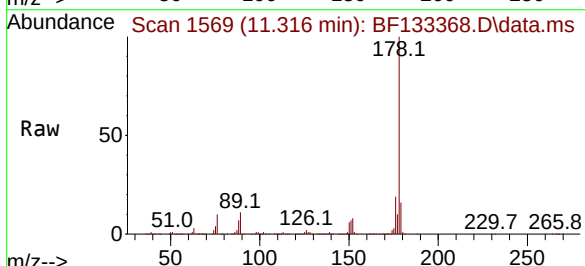
Tgt Ion:178 Resp: 1618341

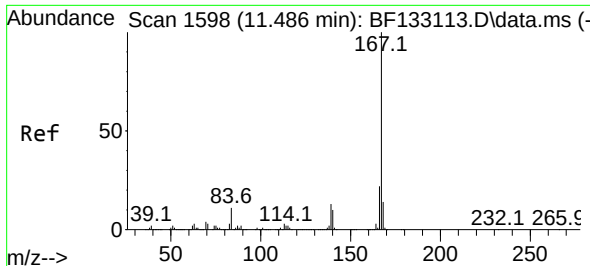
Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.7 12.4 18.6

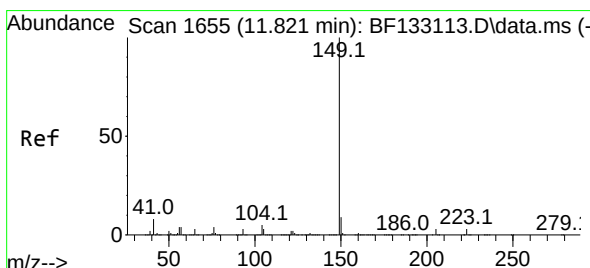
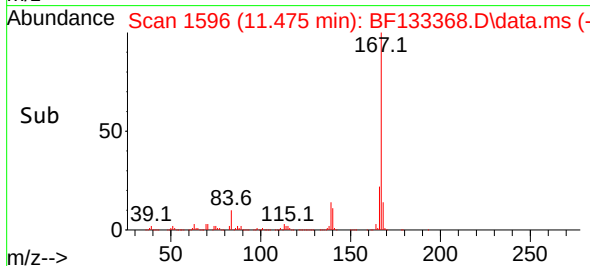
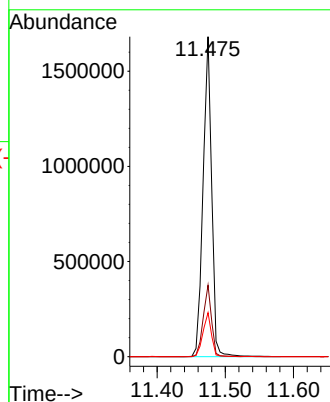
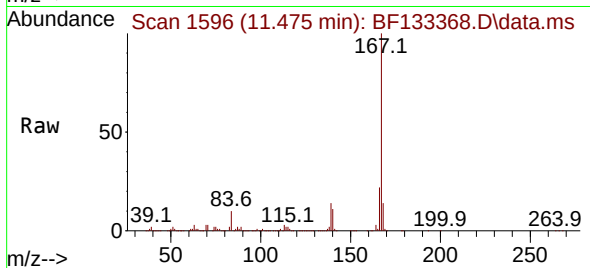




#73
 Carbazole
 Concen: 41.577 ng
 RT: 11.475 min Scan# 1596
 Delta R.T. 0.000 min
 Lab File: BF133368.D
 Acq: 12 May 2023 14:18

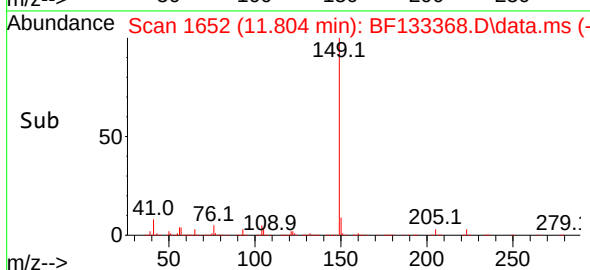
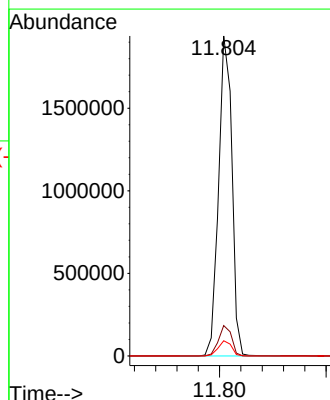
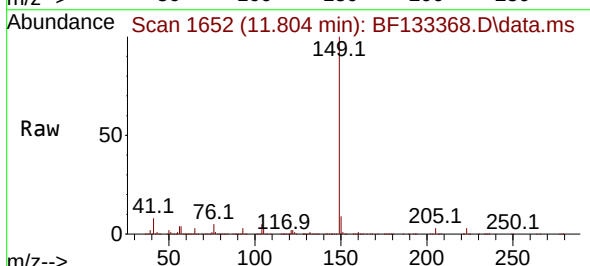
Instrument :
 BNA_F
 ClientSampleId :
 PB152754BS

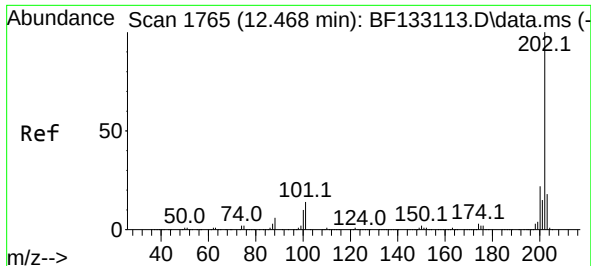
Tgt Ion:167 Resp: 1477742
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.0
 139 13.7 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 41.599 ng
 RT: 11.804 min Scan# 1652
 Delta R.T. 0.000 min
 Lab File: BF133368.D
 Acq: 12 May 2023 14:18

Tgt Ion:149 Resp: 1673216
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 4.8 4.0 6.0

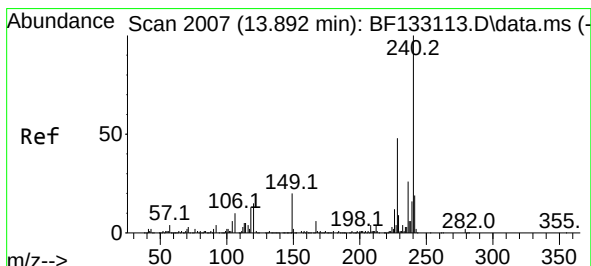
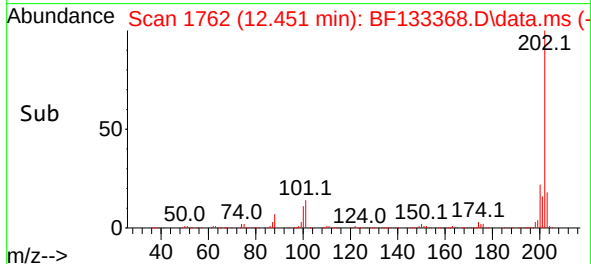
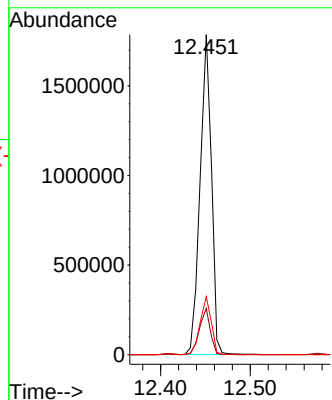
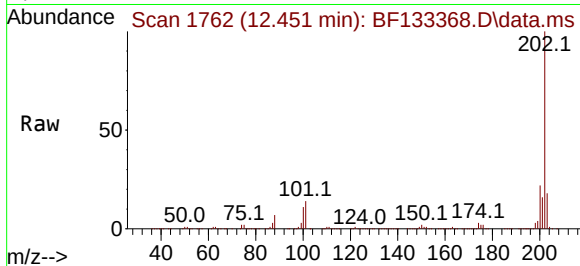




#75
Fluoranthene
Concen: 40.062 ng
RT: 12.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

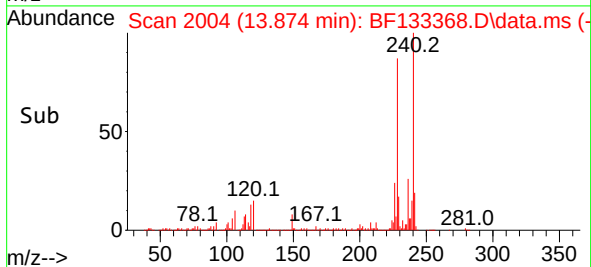
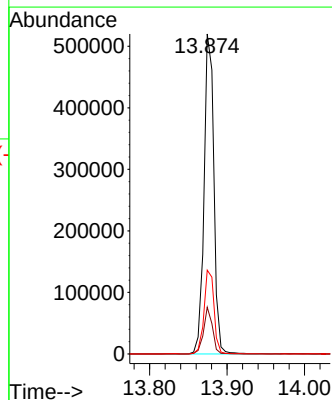
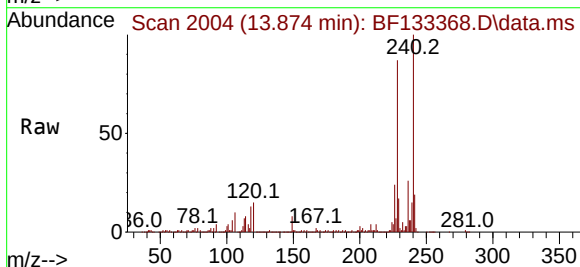
Instrument :
BNA_F
ClientSampleId :
PB152754BS

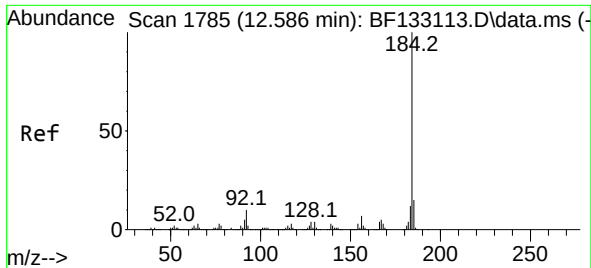
Tgt Ion:202 Resp: 1568219
Ion Ratio Lower Upper
202 100
101 14.4 0.0 35.3
203 18.2 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion:240 Resp: 457347
Ion Ratio Lower Upper
240 100
120 14.6 10.5 15.7
236 26.2 21.5 32.3

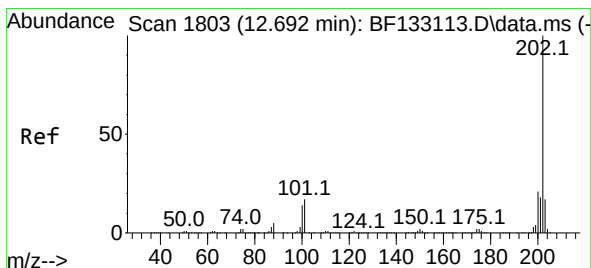
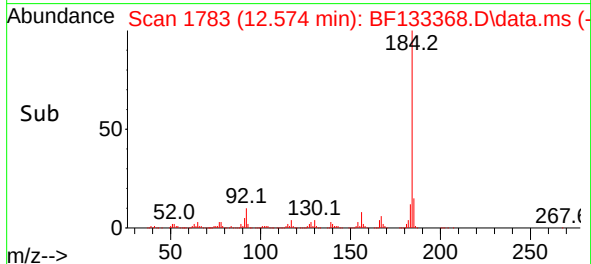
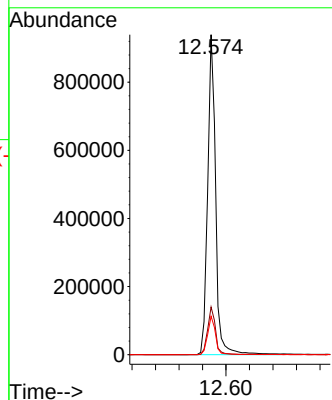
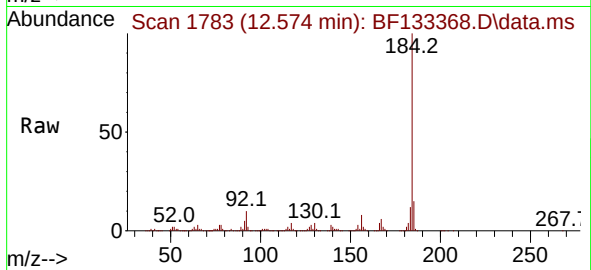




#77
Benzidine
Concen: 114.441 ng
RT: 12.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

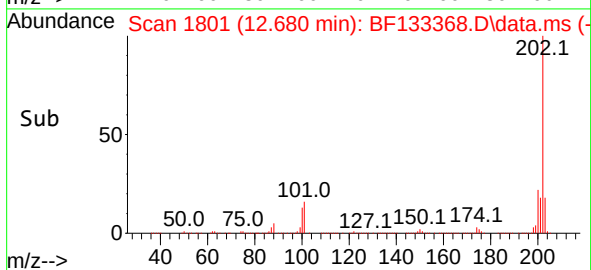
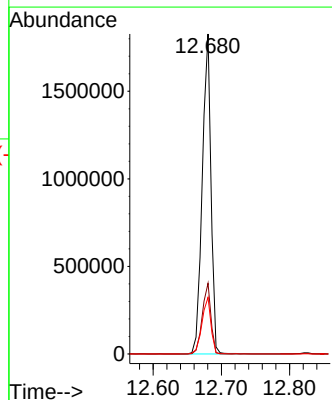
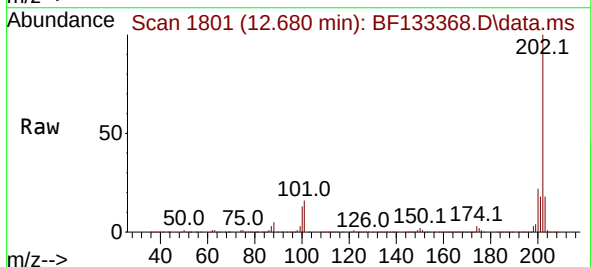
Instrument :
BNA_F
ClientSampleId :
PB152754BS

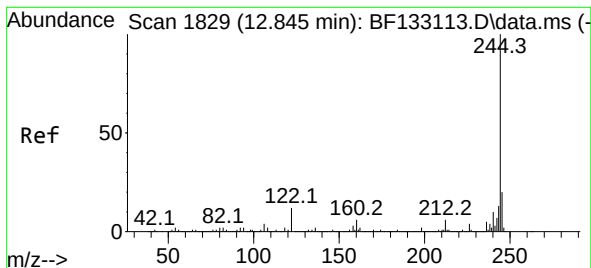
Tgt Ion:184 Resp: 885087
Ion Ratio Lower Upper
184 100
185 14.9 15.4 23.2#
183 12.0 9.4 14.0



#78
Pyrene
Concen: 41.428 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion:202 Resp: 1624186
Ion Ratio Lower Upper
202 100
200 22.1 17.1 25.7
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 65.768 ng

RT: 12.827 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

Instrument :

BNA_F

ClientSampleId :

PB152754BS

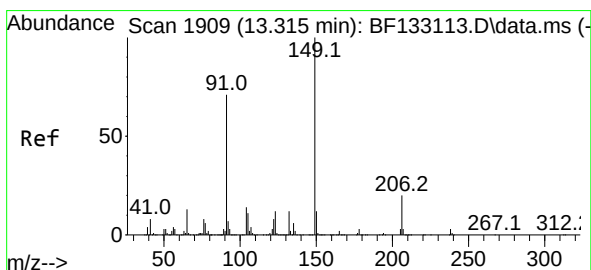
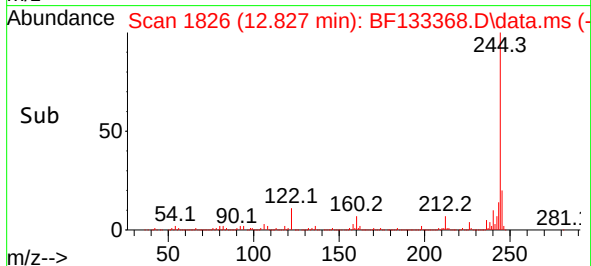
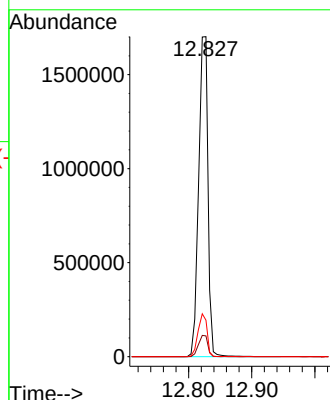
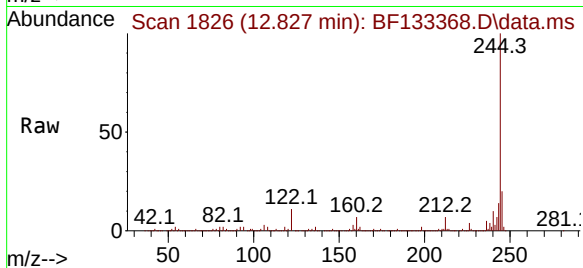
Tgt Ion:244 Resp: 1744030

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 11.4 8.6 13.0



#80

Butylbenzylphthalate

Concen: 49.589 ng

RT: 13.304 min Scan# 1907

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

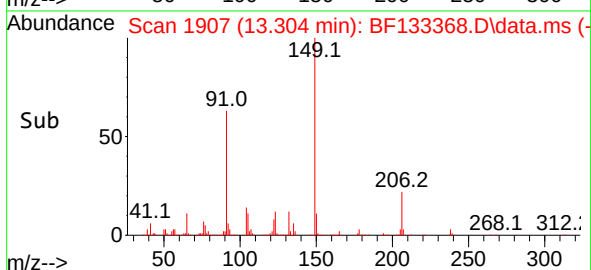
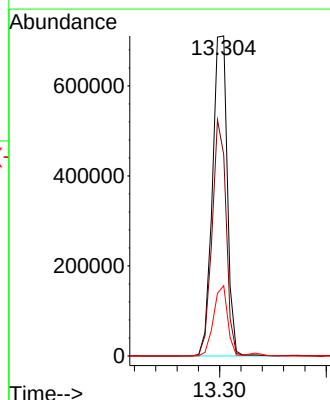
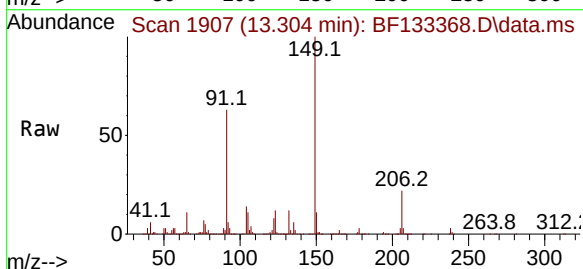
Tgt Ion:149 Resp: 688374

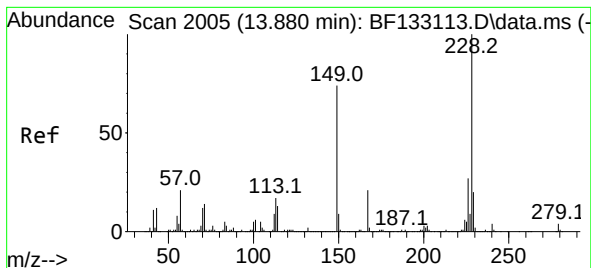
Ion Ratio Lower Upper

149 100

91 62.9 53.8 80.6

206 22.0 17.5 26.3





#81

Benzo(a)anthracene

Concen: 38.749 ng

RT: 13.868 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

Instrument :

BNA_F

ClientSampleId :

PB152754BS

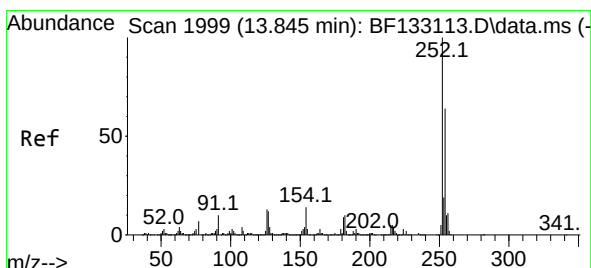
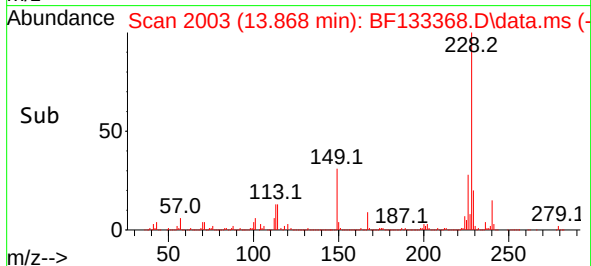
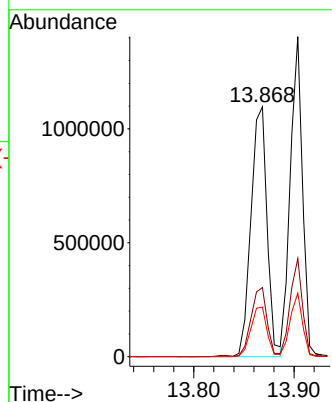
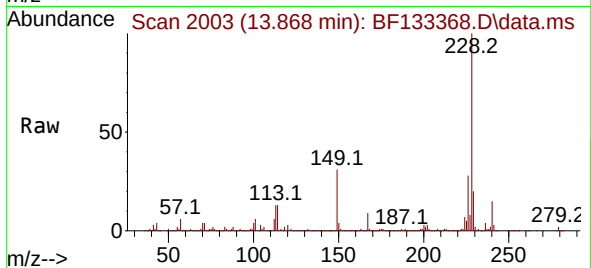
Tgt Ion:228 Resp: 1218678

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.4

229 19.9 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 38.146 ng

RT: 13.827 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

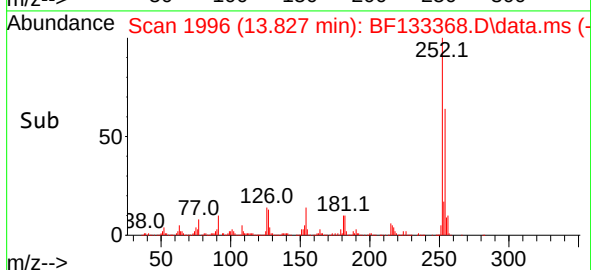
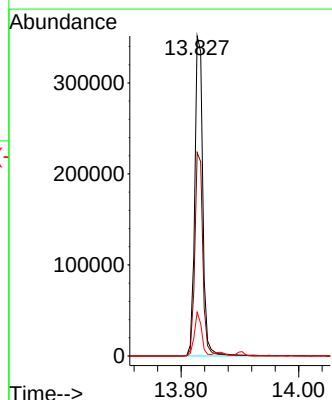
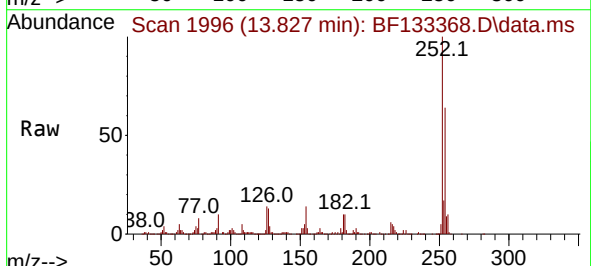
Tgt Ion:252 Resp: 331424

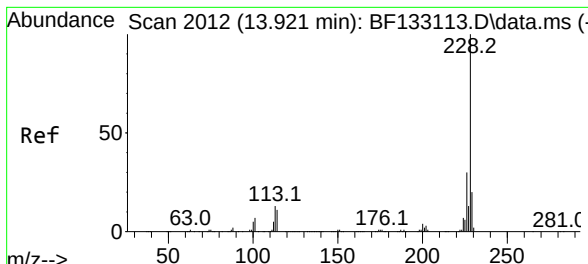
Ion Ratio Lower Upper

252 100

254 63.6 51.5 77.3

126 13.7 9.5 14.3





#83

Chrysene

Concen: 38.071 ng

RT: 13.904 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

Instrument :

BNA_F

ClientSampleId :

PB152754BS

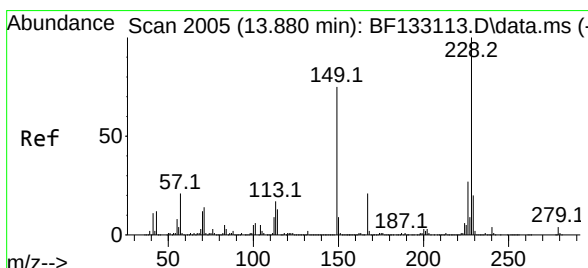
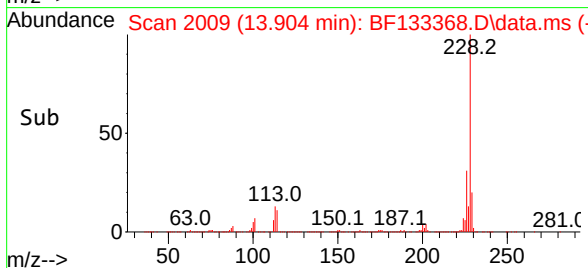
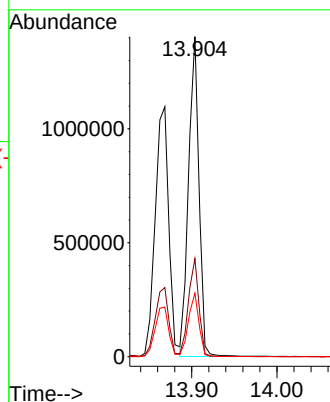
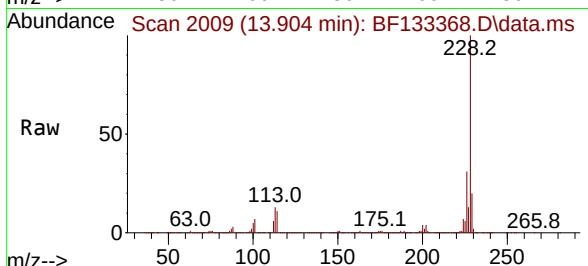
Tgt Ion:228 Resp: 1197042

Ion Ratio Lower Upper

228 100

226 30.7 24.7 37.1

229 19.9 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.059 ng

RT: 13.863 min Scan# 2002

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

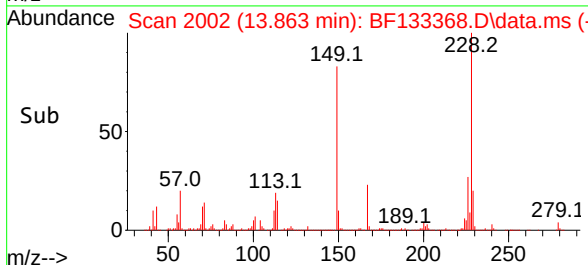
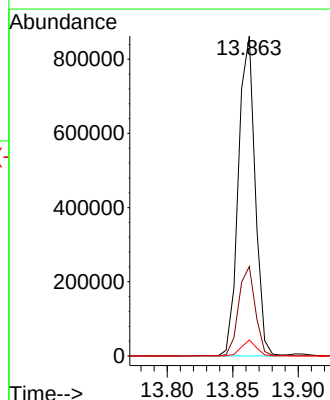
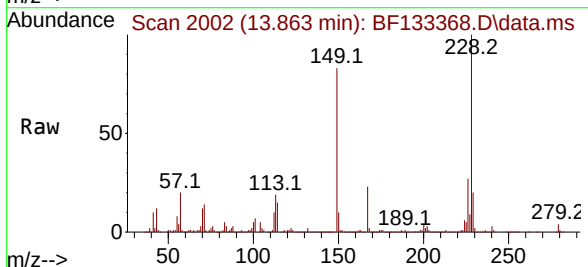
Tgt Ion:149 Resp: 767670

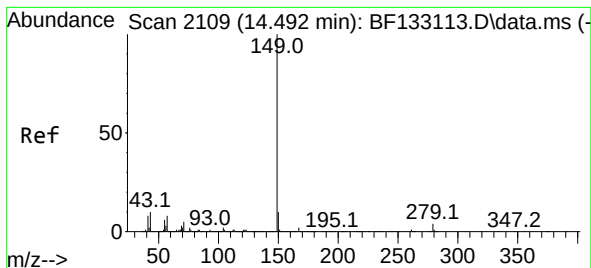
Ion Ratio Lower Upper

149 100

167 27.9 22.5 33.7

279 5.0 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 42.889 ng

RT: 14.474 min Scan# 2106

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

Instrument :

BNA_F

ClientSampleId :

PB152754BS

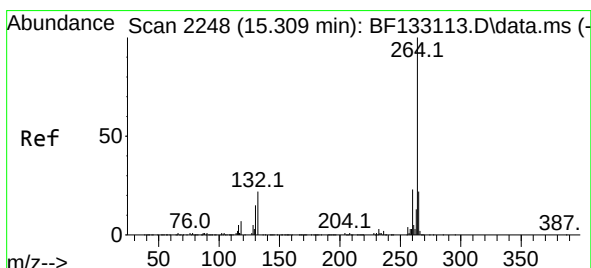
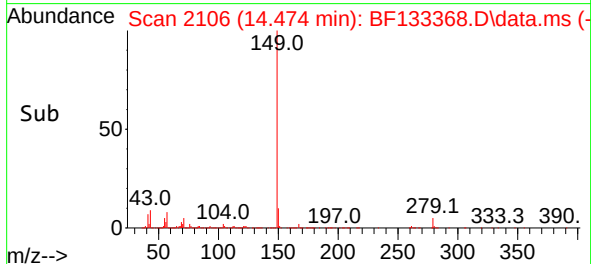
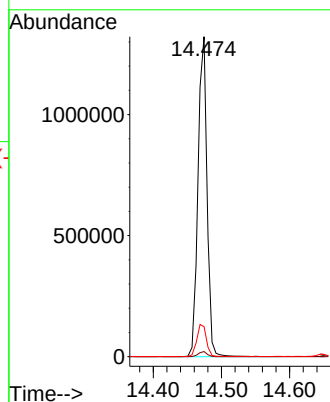
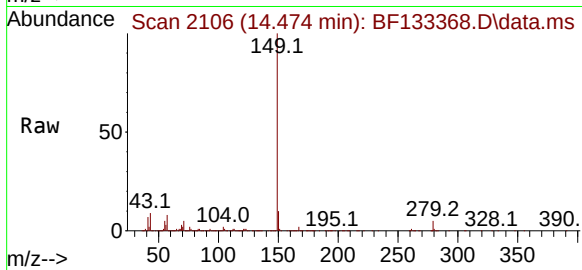
Tgt Ion:149 Resp: 1218506

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.6 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 2245

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

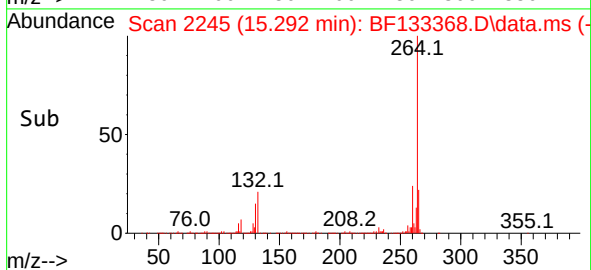
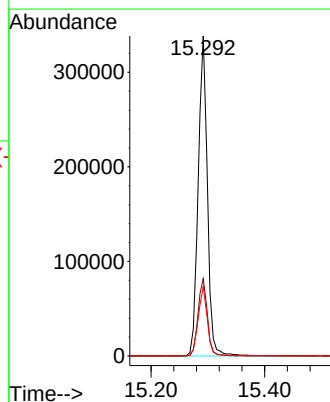
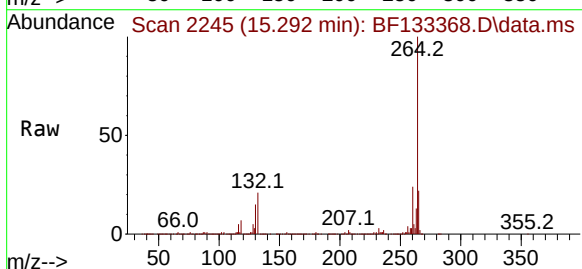
Tgt Ion:264 Resp: 383517

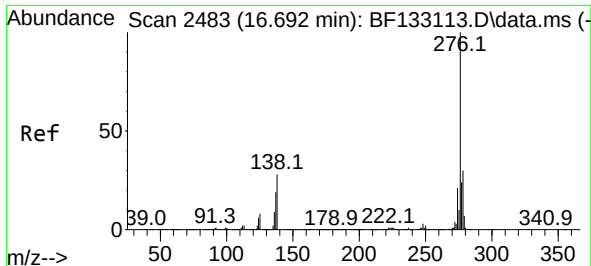
Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.7 17.0 25.4

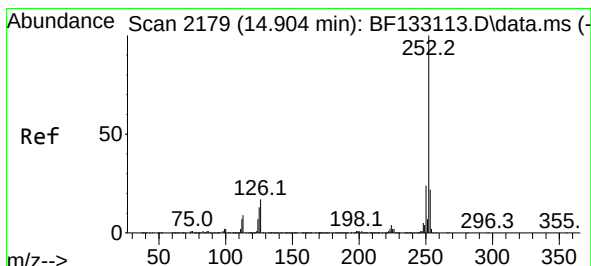
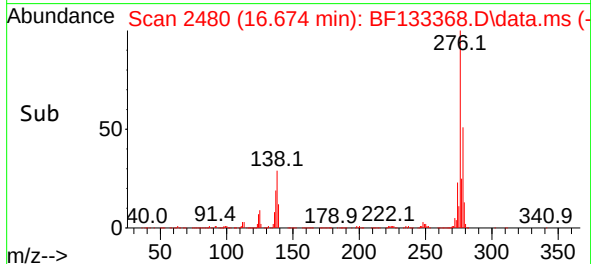
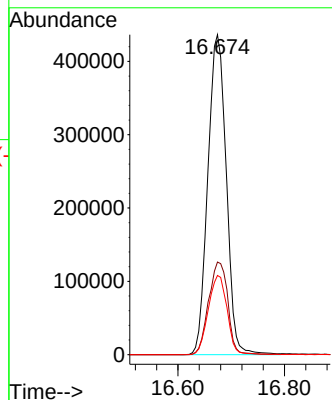
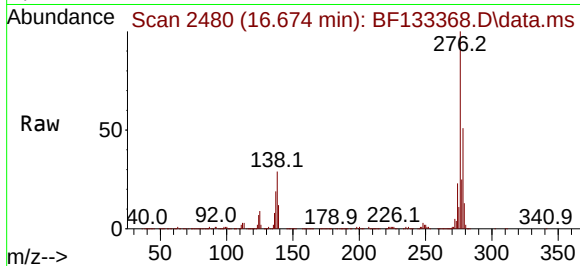




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.064 ng
RT: 16.674 min Scan# 2483
Delta R.T. -0.006 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

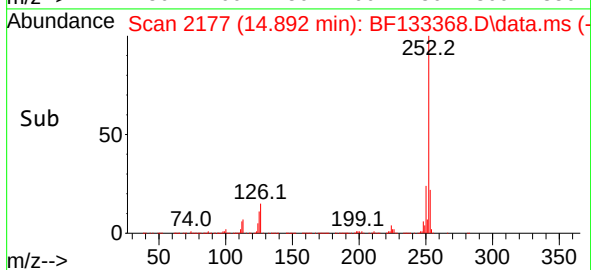
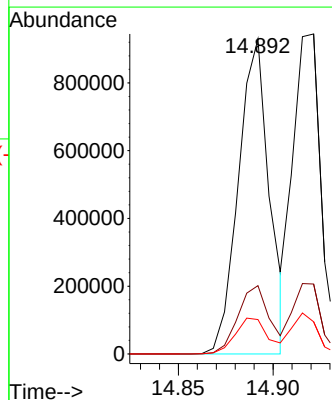
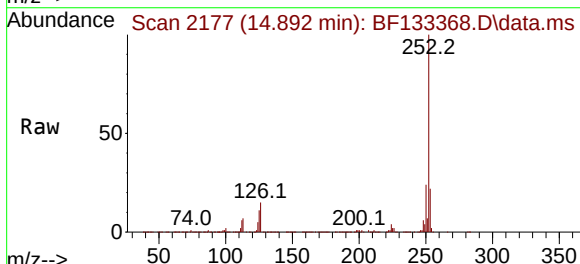
Instrument :
BNA_F
ClientSampleId :
PB152754BS

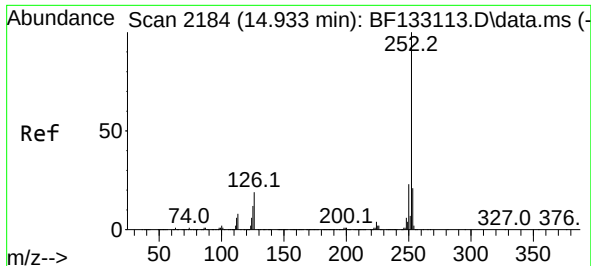
Tgt Ion:276 Resp: 1048537
Ion Ratio Lower Upper
276 100
138 30.1 25.5 38.3
277 25.3 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 43.322 ng
RT: 14.892 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion:252 Resp: 1057016
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 10.9 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 40.584 ng

RT: 14.921 min Scan# 2182

Delta R.T. 0.000 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

Instrument :

BNA_F

ClientSampleId :

PB152754BS

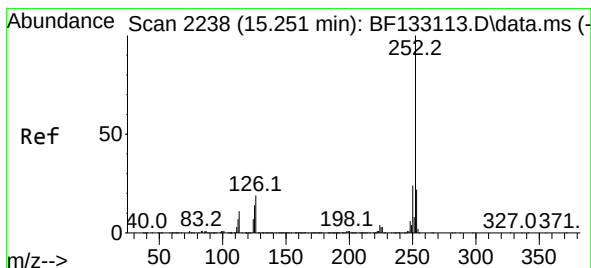
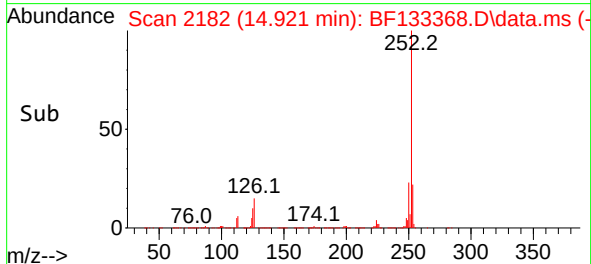
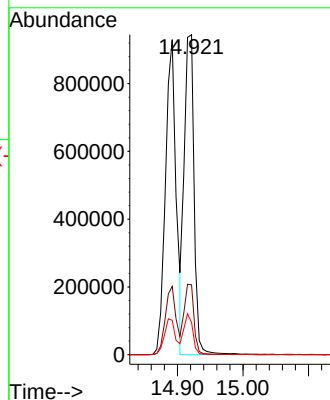
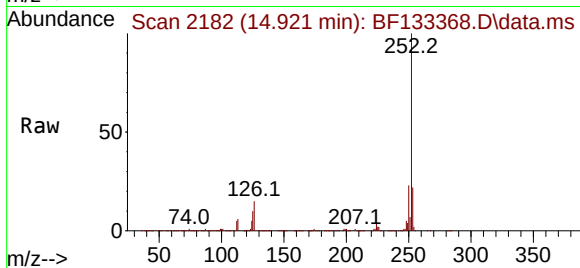
Tgt Ion:252 Resp: 981570

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.1 9.0 13.4



#90

Benzo(a)pyrene

Concen: 39.373 ng

RT: 15.233 min Scan# 2235

Delta R.T. -0.006 min

Lab File: BF133368.D

Acq: 12 May 2023 14:18

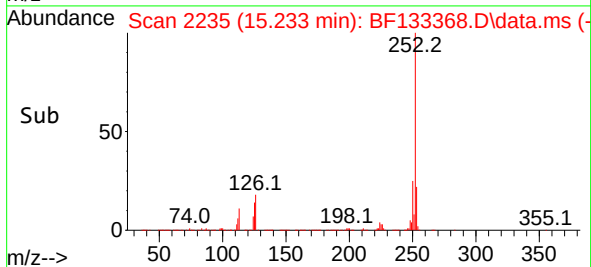
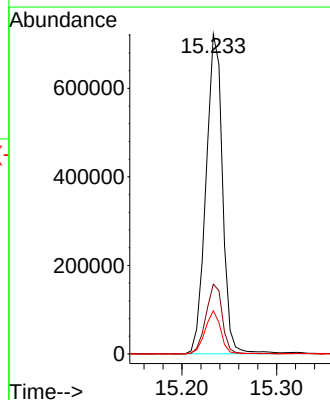
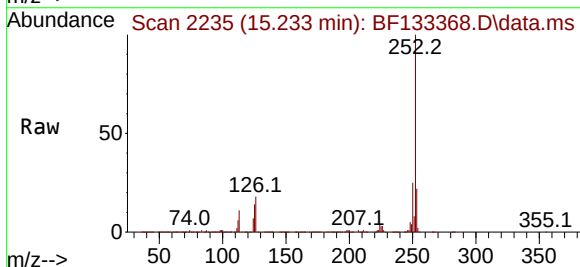
Tgt Ion:252 Resp: 874394

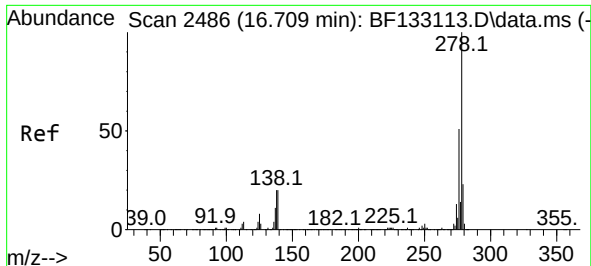
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 13.5 10.5 15.7

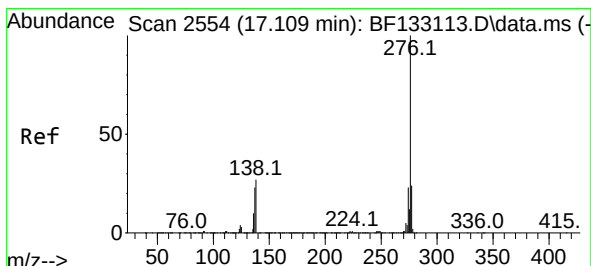
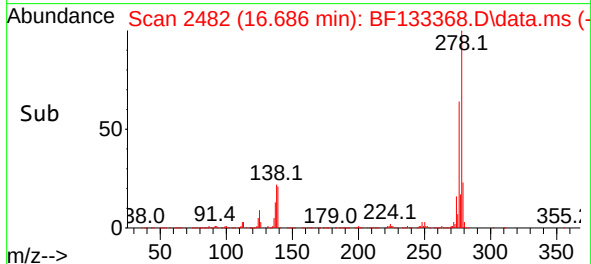
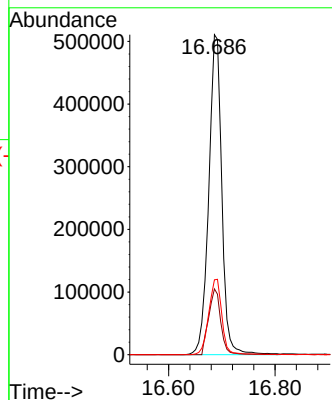
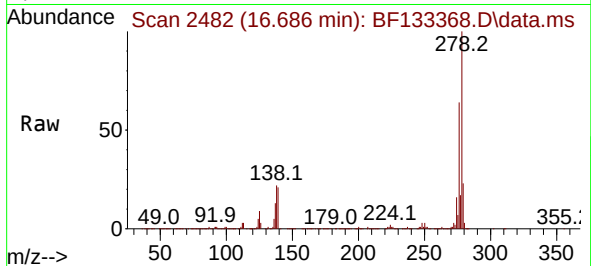




#91
Dibenzo(a,h)anthracene
Concen: 47.717 ng
RT: 16.686 min Scan# 2486
Delta R.T. -0.006 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Instrument :
BNA_F
ClientSampleId :
PB152754BS

Tgt Ion:278 Resp: 868206
Ion Ratio Lower Upper
278 100
139 20.6 16.6 24.8
279 23.4 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 49.165 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.000 min
Lab File: BF133368.D
Acq: 12 May 2023 14:18

Tgt Ion:276 Resp: 883146
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.0
138 24.9 22.7 34.1

