

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134982.D
 Acq On : 29 Aug 2023 14:08
 Operator : CG\JU
 Sample : PB155132BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155132BS

Quant Time: Aug 29 22:25:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 02:45:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	108148	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	446175	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	229713	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	442279	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	214924	20.000	ng	-0.01
86) Perylene-d12	15.439	264	218267	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	876531	129.245	ng	0.00
7) Phenol-d6	6.434	99	1091027	125.897	ng	0.00
23) Nitrobenzene-d5	7.351	82	705852	87.174	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	347372	128.397	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1288508	86.712	ng	-0.01
79) Terphenyl-d14	12.916	244	1476181	94.468	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	109509	37.207	ng	99
3) Pyridine	3.346	79	282275	35.589	ng	99
4) n-Nitrosodimethylamine	3.304	42	164990	47.049	ng	96
6) Aniline	6.451	93	444982	41.545	ng	95
8) 2-Chlorophenol	6.575	128	352286	49.504	ng	99
9) Benzaldehyde	6.339	77	214771	45.187	ng	97
10) Phenol	6.445	94	420415	47.384	ng	87
11) bis(2-Chloroethyl)ether	6.528	93	317965	47.244	ng	100
12) 1,3-Dichlorobenzene	6.728	146	365514	49.247	ng	99
13) 1,4-Dichlorobenzene	6.804	146	368945	49.665	ng	98
14) 1,2-Dichlorobenzene	6.951	146	350867	50.955	ng	100
15) Benzyl Alcohol	6.934	79	303388	50.385	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.063	45	449535	46.125	ng	99
17) 2-Methylphenol	7.045	107	275756	44.774	ng	97
18) Hexachloroethane	7.292	117	134739	50.115	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	227077	44.865	ng	98
20) 3+4-Methylphenols	7.198	107	333054	45.624	ng	98
22) Acetophenone	7.198	105	454280	46.065	ng	# 98
24) Nitrobenzene	7.369	77	359632	44.264	ng	99
25) Isophorone	7.610	82	646210	42.740	ng	99
26) 2-Nitrophenol	7.686	139	186254	46.047	ng	96
27) 2,4-Dimethylphenol	7.728	122	303471	45.999	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	386625	42.904	ng	99
29) 2,4-Dichlorophenol	7.928	162	288428	44.247	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	317571	45.889	ng	99
31) Naphthalene	8.086	128	994932	44.658	ng	100
32) Benzoic acid	7.851	122	226031	46.424	ng	96
33) 4-Chloroaniline	8.139	127	346404	36.239	ng	99
34) Hexachlorobutadiene	8.204	225	186792	45.384	ng	99
35) Caprolactam	8.539	113	49715	24.432	ng	86
36) 4-Chloro-3-methylphenol	8.628	107	310956	45.205	ng	97
37) 2-Methylnaphthalene	8.780	142	640636	43.119	ng	99
38) 1-Methylnaphthalene	8.880	142	603204	43.418	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	304090	43.443	ng	99
41) Hexachlorocyclopentadiene	8.933	237	325291	104.965	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	211026	45.648	ng	99

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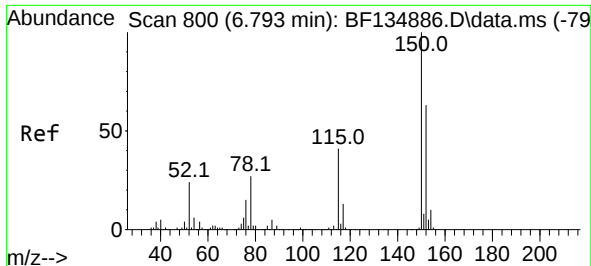
Quant Time: Aug 29 22:25:10 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	220200	41.143	ng	97
46) 1,1'-Biphenyl	9.245	154	800724	44.153	ng	99
47) 2-Chloronaphthalene	9.269	162	612061	45.192	ng	98
48) 2-Nitroaniline	9.369	65	202545	45.495	ng	95
49) Acenaphthylene	9.686	152	934339	44.797	ng	99
50) Dimethylphthalate	9.551	163	724668	44.319	ng	100
51) 2,6-Dinitrotoluene	9.616	165	164238	45.541	ng	94
52) Acenaphthene	9.857	154	584915	44.516	ng	99
53) 3-Nitroaniline	9.786	138	158532	40.247	ng	98
54) 2,4-Dinitrophenol	9.898	184	183862	107.750	ng	# 88
55) Dibenzofuran	10.033	168	853412	44.611	ng	97
56) 4-Nitrophenol	9.957	139	272508	99.273	ng	94
57) 2,4-Dinitrotoluene	10.022	165	213526	47.876	ng	91
58) Fluorene	10.374	166	669825	46.165	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	193325	46.362	ng	97
60) Diethylphthalate	10.257	149	690206	46.073	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	326213	44.850	ng	97
62) 4-Nitroaniline	10.404	138	176797	48.013	ng	97
63) Azobenzene	10.533	77	668629	44.928	ng	96
65) 4,6-Dinitro-2-methylph...	10.433	198	126570	48.499	ng	93
66) n-Nitrosodiphenylamine	10.492	169	602095	42.274	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	215419	42.218	ng	97
68) Hexachlorobenzene	10.927	284	242817	44.744	ng	96
69) Atrazine	11.027	200	211773	54.757	ng	99
70) Pentachlorophenol	11.122	266	254172	77.827	ng	99
71) Phenanthrene	11.345	178	1039130	44.836	ng	99
72) Anthracene	11.392	178	1059692	44.626	ng	100
73) Carbazole	11.551	167	917848	46.907	ng	99
74) Di-n-butylphthalate	11.886	149	1046962	46.652	ng	100
75) Fluoranthene	12.539	202	1049642	47.799	ng	98
77) Benzidine	12.663	184	468212	134.269	ng	99
78) Pyrene	12.768	202	1047346	45.961	ng	99
80) Butylbenzylphthalate	13.392	149	358975	51.705	ng	99
81) Benzo(a)anthracene	13.963	228	663273	45.232	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	200070	43.108	ng	# 98
83) Chrysene	13.998	228	628254	43.423	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	385413	51.247	ng	99
85) Di-n-octyl phthalate	14.574	149	537463	43.826	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	749554	48.044	ng	99
88) Benzo(b)fluoranthene	15.009	252	612577	49.744	ng	99
89) Benzo(k)fluoranthene	15.039	252	548997	45.400	ng	99
90) Benzo(a)pyrene	15.380	252	538731	43.823	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	607626	48.135	ng	99
92) Benzo(g,h,i)perylene	17.386	276	611329	47.308	ng	99

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

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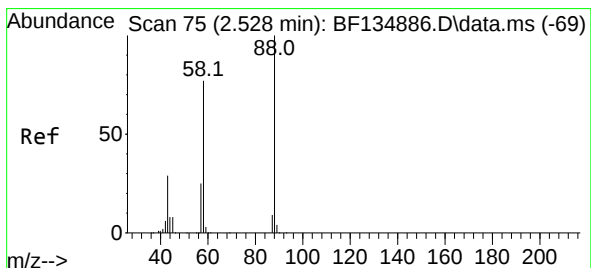
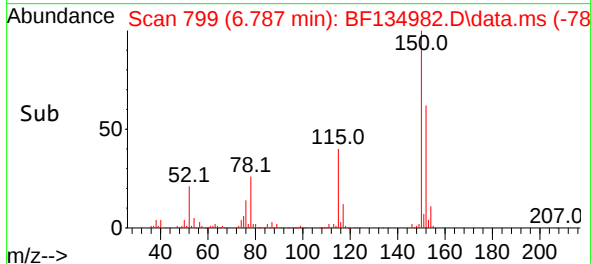
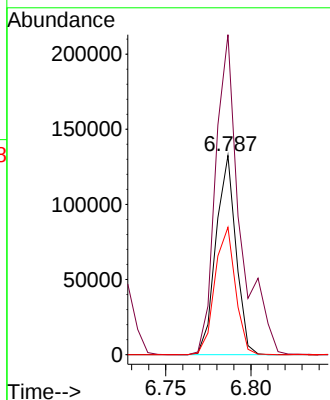
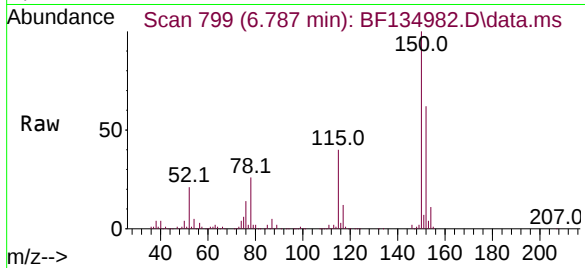




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF134982.D
 Acq: 29 Aug 2023 14:08

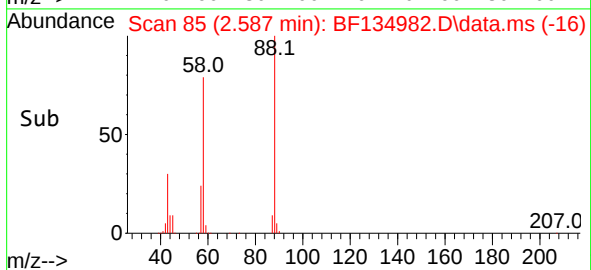
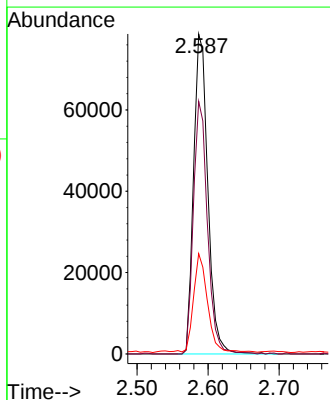
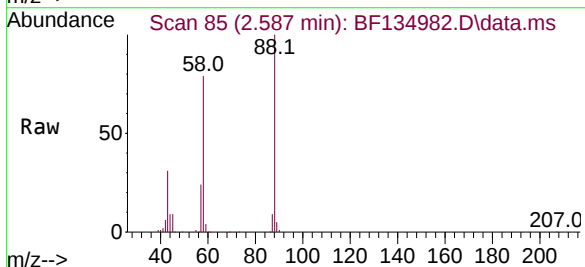
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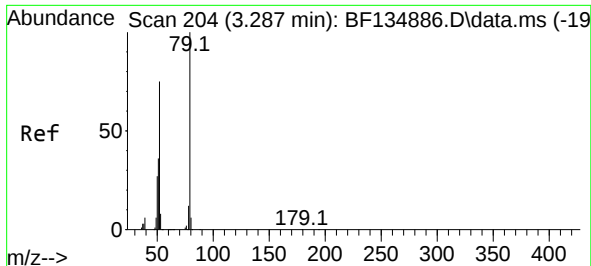
Tgt Ion:152 Resp: 108148
 Ion Ratio Lower Upper
 152 100
 150 160.7 126.1 189.1
 115 63.9 51.1 76.7



#2
 1,4-Dioxane
 Concen: 37.207 ng
 RT: 2.587 min Scan# 85
 Delta R.T. 0.059 min
 Lab File: BF134982.D
 Acq: 29 Aug 2023 14:08

Tgt Ion: 88 Resp: 109509
 Ion Ratio Lower Upper
 88 100
 58 77.9 62.6 93.8
 43 30.1 23.3 34.9

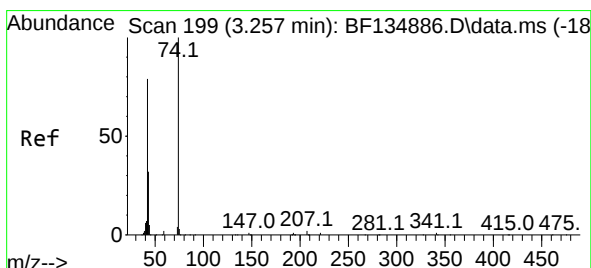
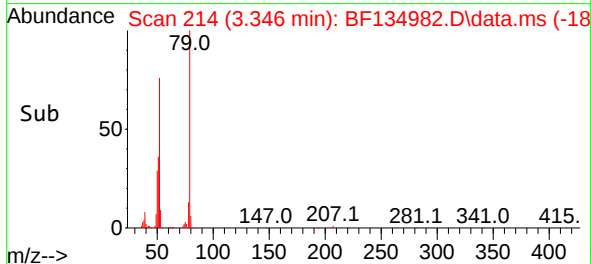
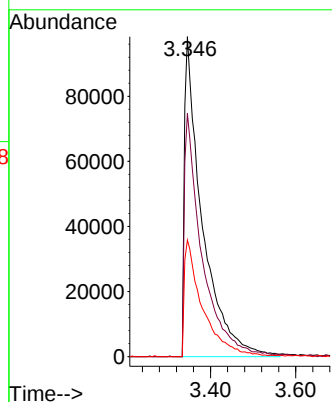
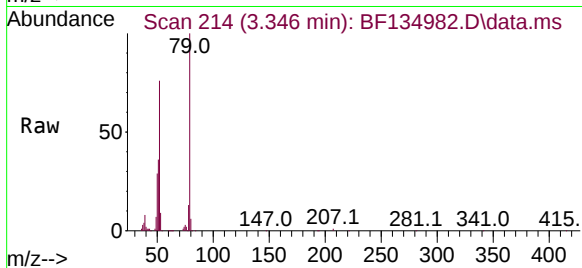




#3
Pyridine
Concen: 35.589 ng
RT: 3.346 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

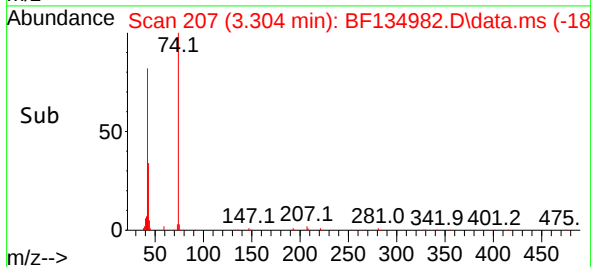
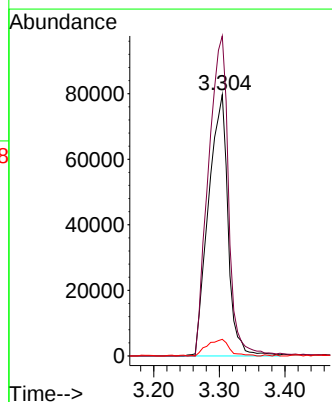
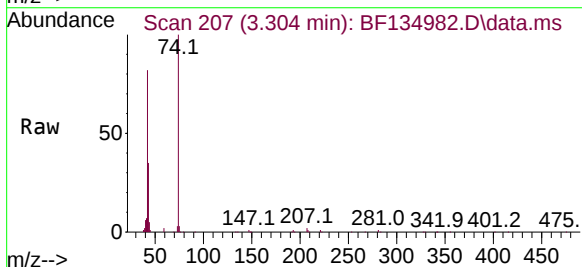
Instrument :
BNA_F
ClientSampleId :
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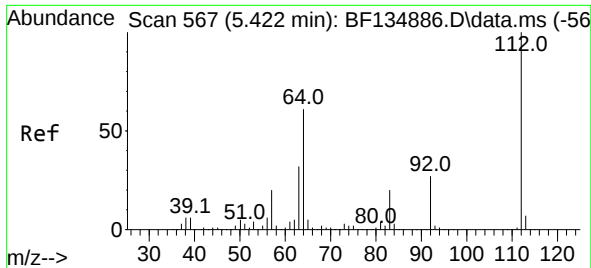
Tgt Ion: 79 Resp: 282275
Ion Ratio Lower Upper
79 100
52 76.0 60.1 90.1
51 36.4 29.4 44.0



#4
n-Nitrosodimethylamine
Concen: 47.049 ng
RT: 3.304 min Scan# 207
Delta R.T. 0.047 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion: 42 Resp: 164990
Ion Ratio Lower Upper
42 100
74 122.5 101.8 152.8
44 6.4 5.4 8.0

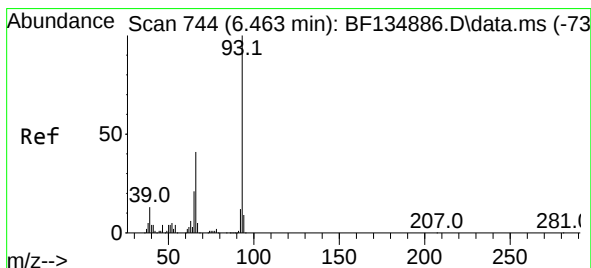
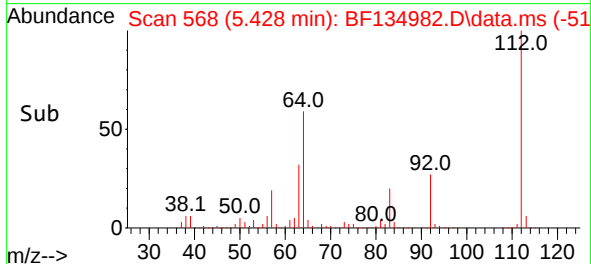
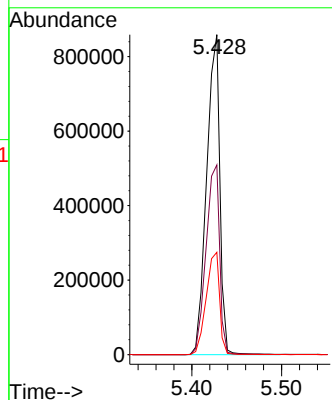
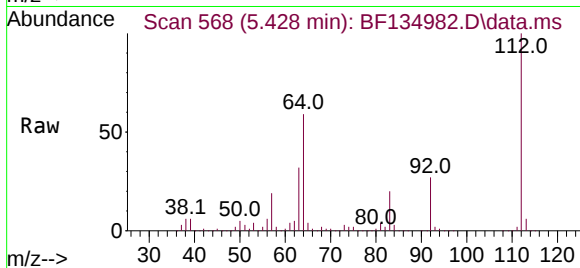




#5
2-Fluorophenol
Concen: 129.245 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

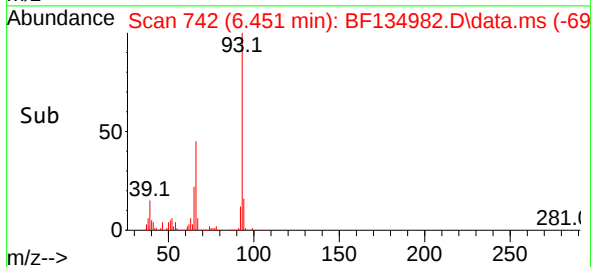
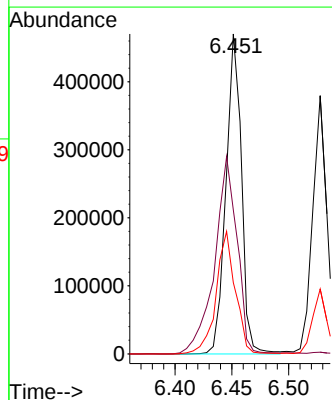
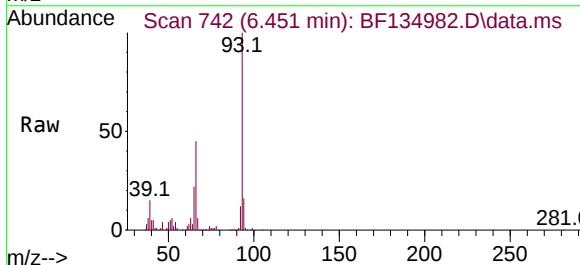
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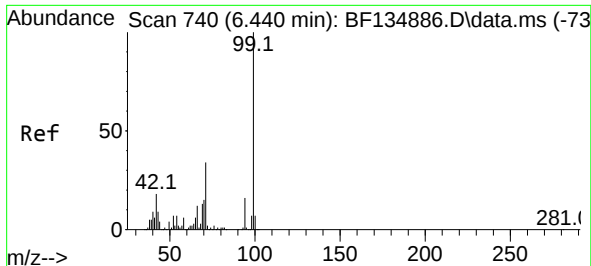
Tgt Ion:112 Resp: 876531
Ion Ratio Lower Upper
112 100
64 59.3 48.6 73.0
63 32.0 25.7 38.5



#6
Aniline
Concen: 41.545 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion: 93 Resp: 444982
Ion Ratio Lower Upper
93 100
66 45.0 32.7 49.1
65 22.3 16.7 25.1

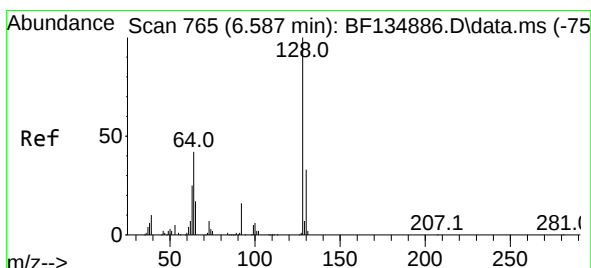
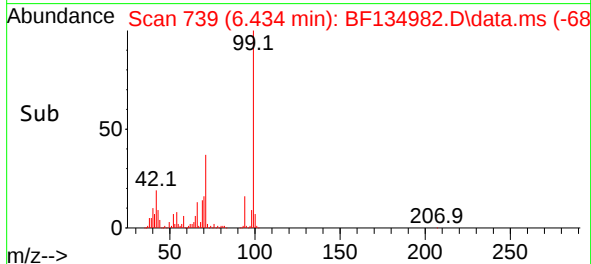
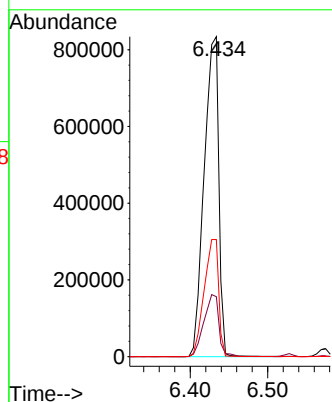
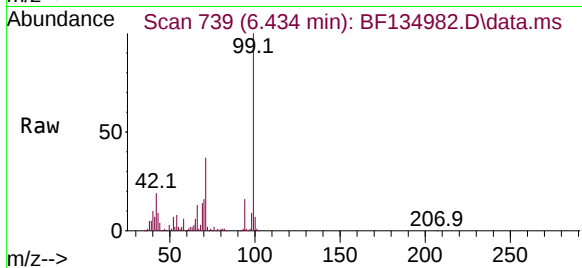




#7
Phenol-d6
Concen: 125.897 ng
RT: 6.434 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

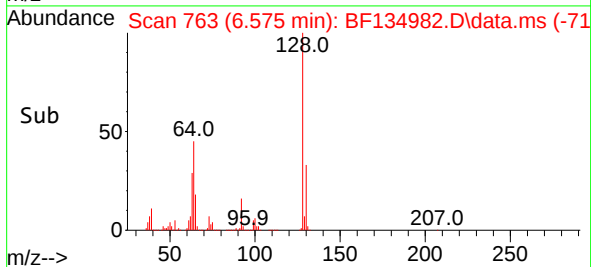
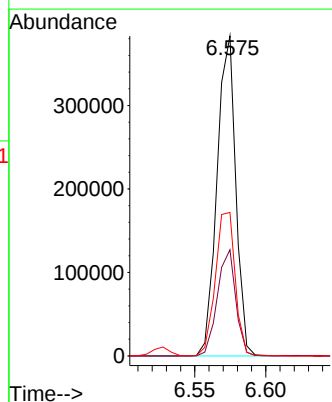
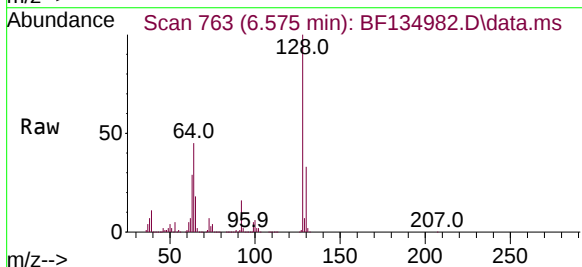
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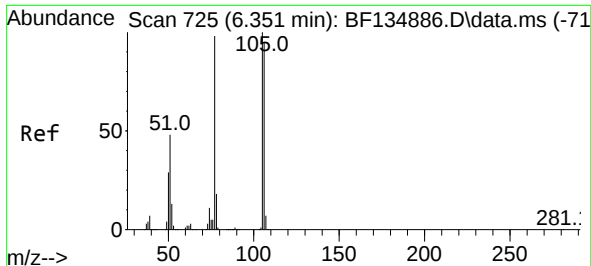
Tgt Ion: 99 Resp: 1091027
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 36.6 27.6 41.4



#8
2-Chlorophenol
Concen: 49.504 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion: 128 Resp: 352286
Ion Ratio Lower Upper
128 100
130 33.2 13.0 53.0
64 44.8 23.4 63.4





#9

Benzaldehyde

Concen: 45.187 ng

RT: 6.339 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

Instrument :

BNA_F

ClientSampleId :

PB155132BS

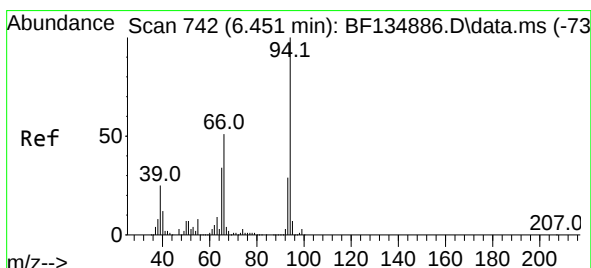
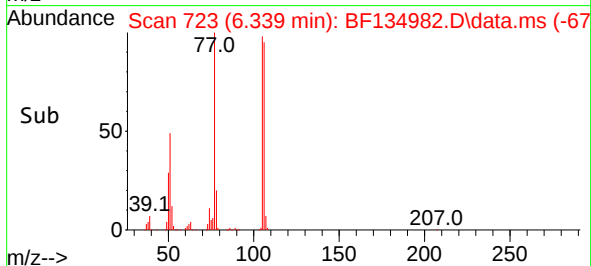
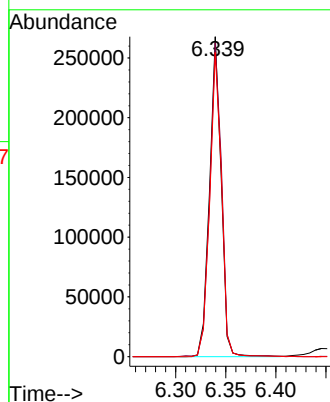
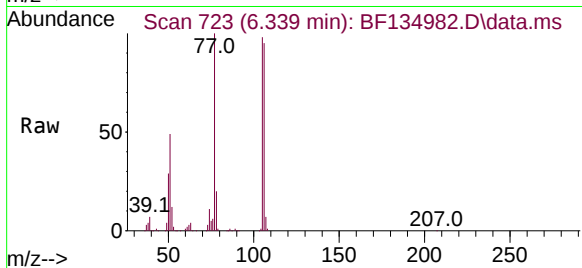
Tgt Ion: 77 Resp: 214771

Ion Ratio Lower Upper

77 100

105 98.1 82.4 122.4

106 95.0 77.2 117.2



#10

Phenol

Concen: 47.384 ng

RT: 6.445 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

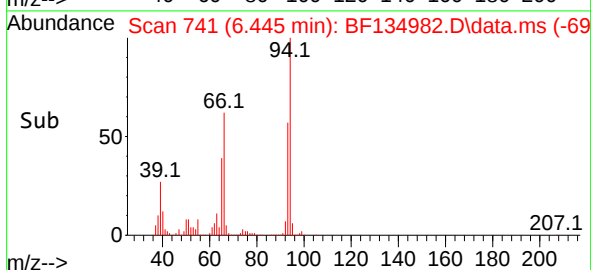
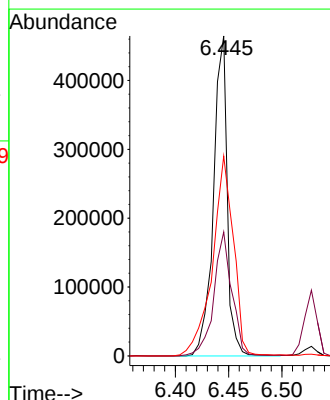
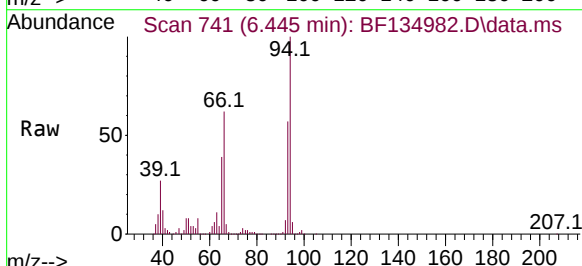
Tgt Ion: 94 Resp: 420415

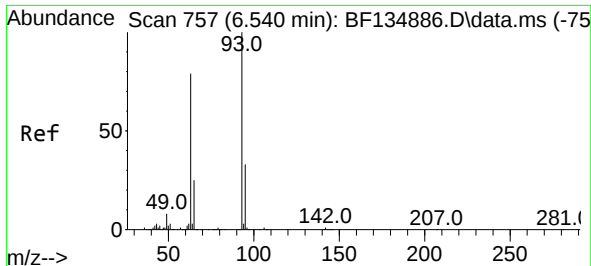
Ion Ratio Lower Upper

94 100

65 38.7 14.0 54.0

66 62.4 31.1 71.1





#11

bis(2-Chloroethyl)ether

Concen: 47.244 ng

RT: 6.528 min Scan# 755

Delta R.T. -0.012 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

Instrument :

BNA_F

ClientSampleId :

PB155132BS

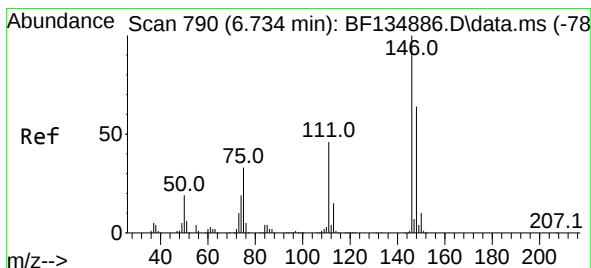
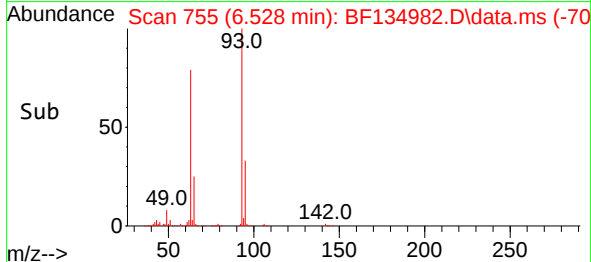
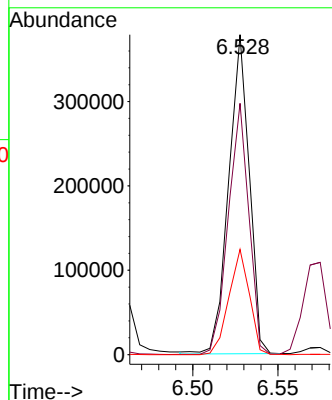
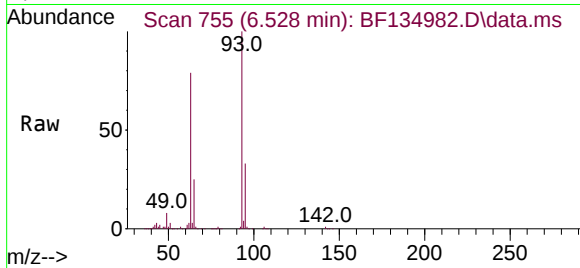
Tgt Ion: 93 Resp: 317965

Ion Ratio Lower Upper

93 100

63 78.5 58.7 98.7

95 32.9 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 49.247 ng

RT: 6.728 min Scan# 789

Delta R.T. -0.006 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

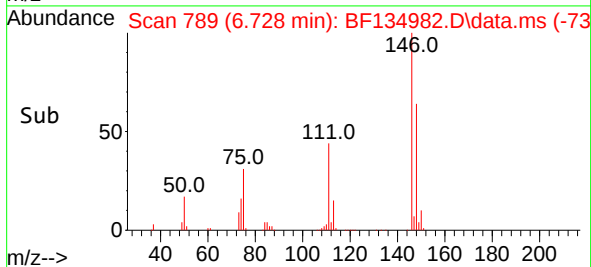
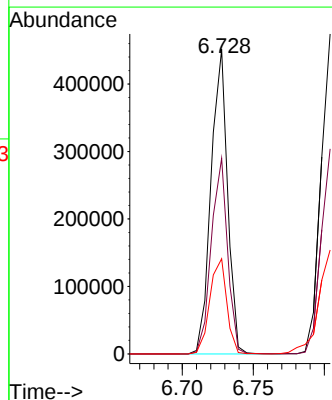
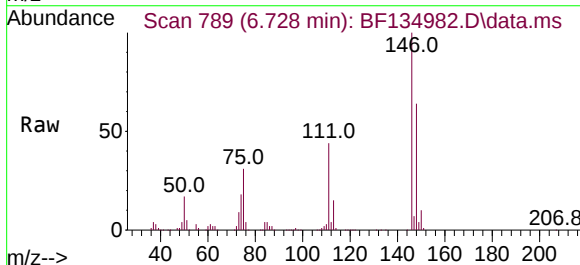
Tgt Ion:146 Resp: 365514

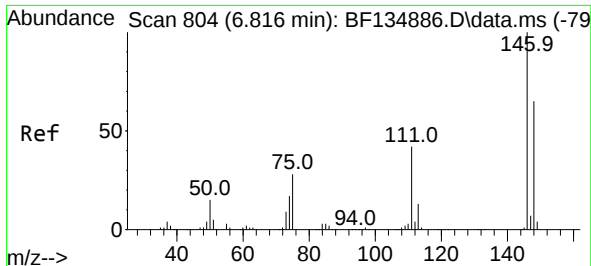
Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

75 31.2 26.4 39.6

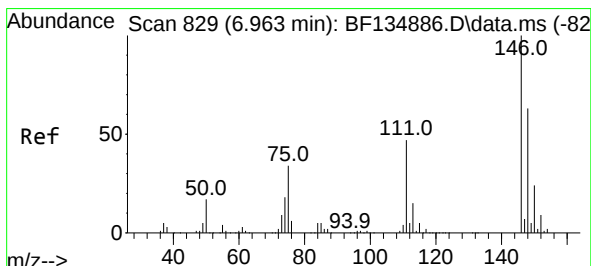
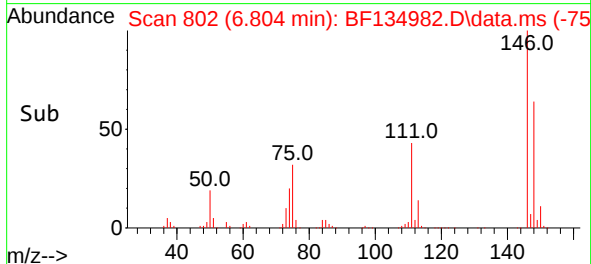
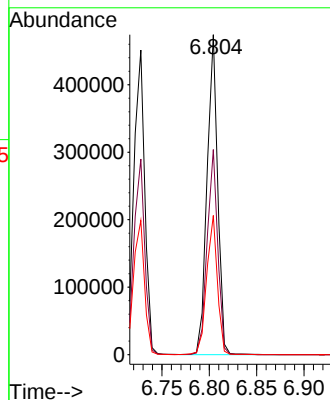
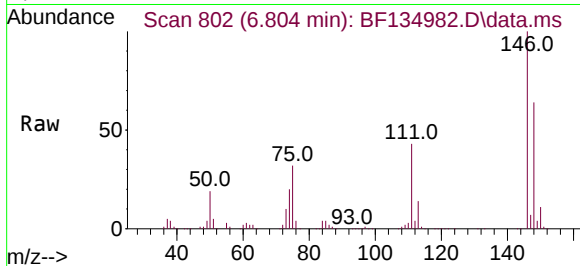




#13
1,4-Dichlorobenzene
Concen: 49.665 ng
RT: 6.804 min Scan# 804
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

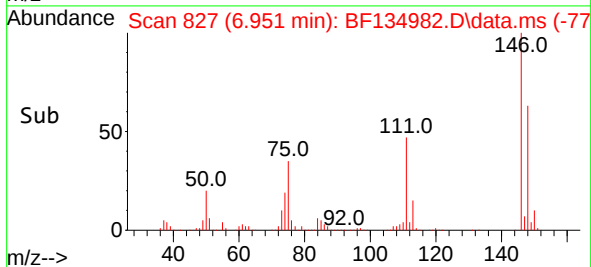
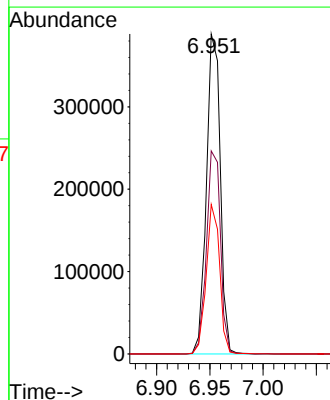
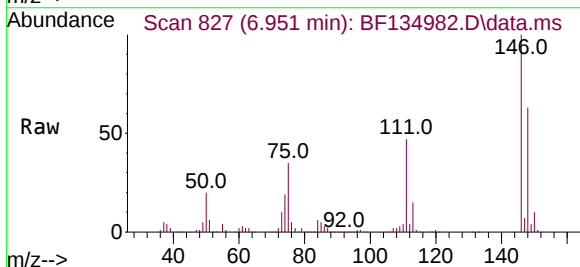
Instrument :
BNA_F
ClientSampleId :
PB155132BS

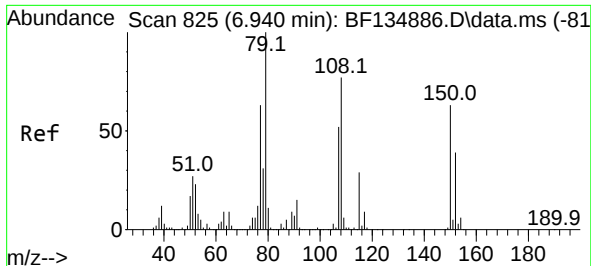
Tgt Ion:146 Resp: 368945
Ion Ratio Lower Upper
146 100
148 64.1 52.1 78.1
111 43.5 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 50.955 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion:146 Resp: 350867
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
111 46.7 37.5 56.3

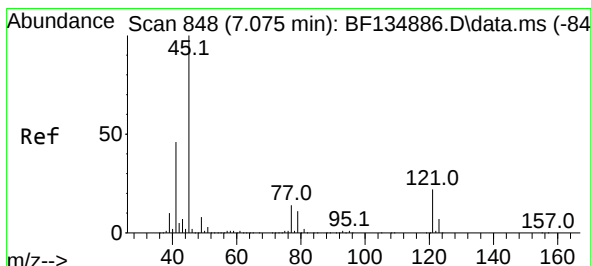
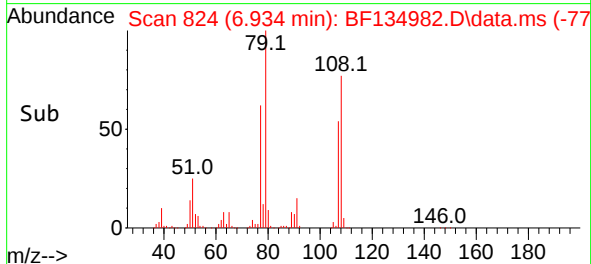
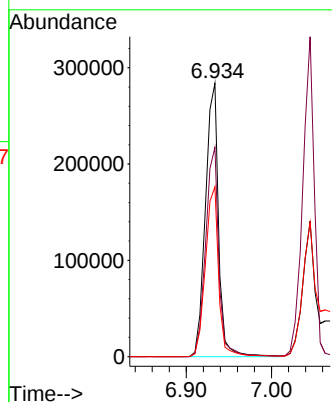
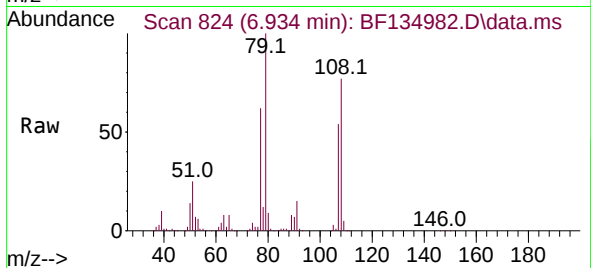




#15
Benzyl Alcohol
Concen: 50.385 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

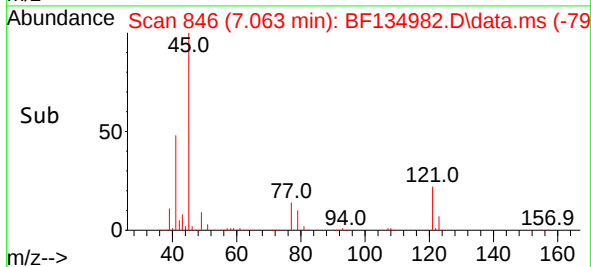
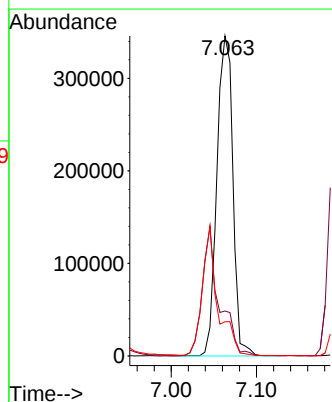
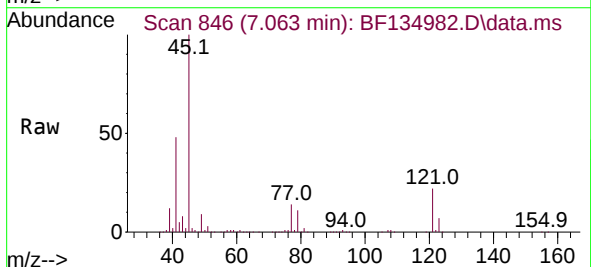
Instrument :
BNA_F
ClientSampleId :
PB155132BS

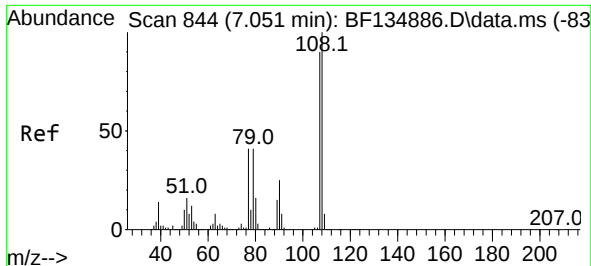
Tgt Ion: 79 Resp: 303388
Ion Ratio Lower Upper
79 100
108 76.6 61.4 92.2
77 62.2 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.125 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

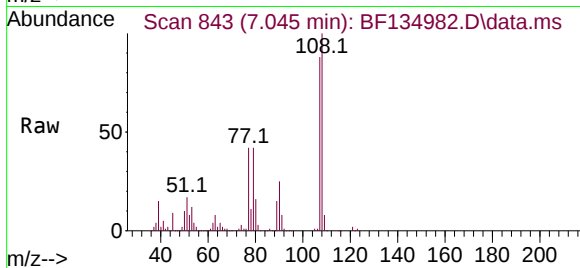
Tgt Ion: 45 Resp: 449535
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.9
79 10.7 0.0 31.1



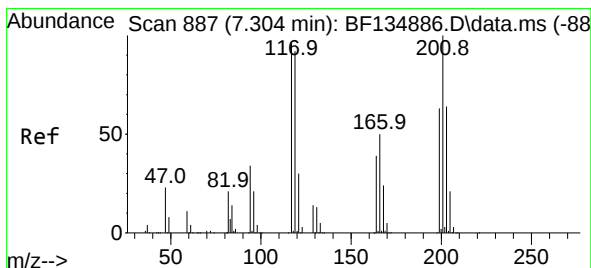
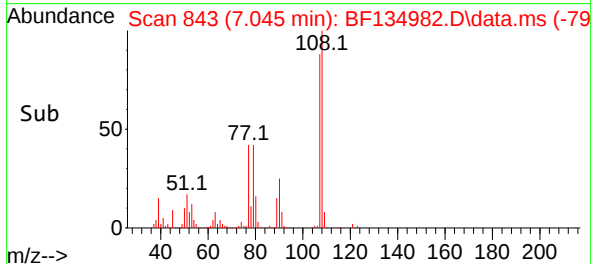
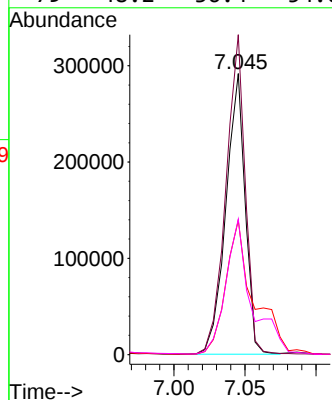


#17
2-Methylphenol
Concen: 44.774 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Instrument :
BNA_F
ClientSampleId :
PB155132BS

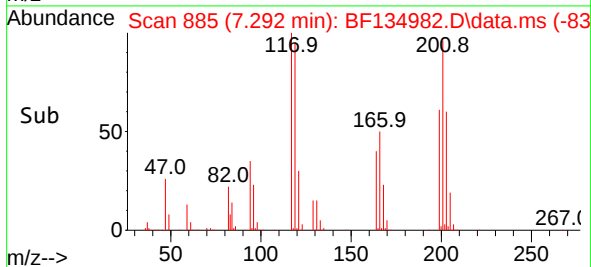
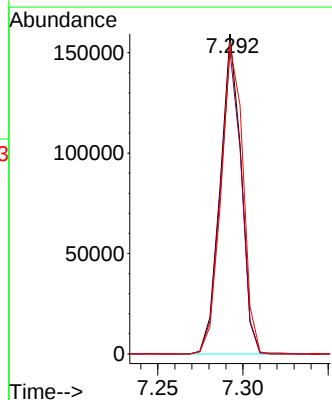
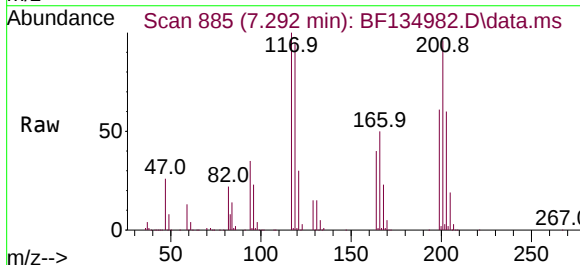


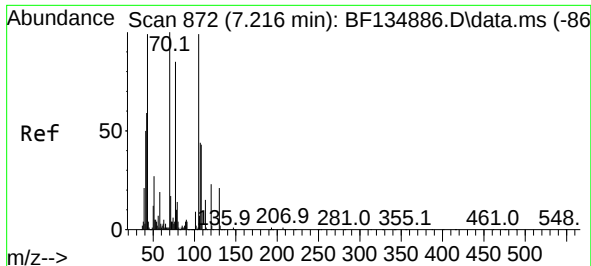
Tgt Ion:107 Resp: 275756
Ion Ratio Lower Upper
107 100
108 113.8 89.0 133.6
77 47.7 36.5 54.7
79 48.2 36.4 54.6



#18
Hexachloroethane
Concen: 50.115 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion:117 Resp: 134739
Ion Ratio Lower Upper
117 100
119 94.7 76.6 114.8
201 96.5 83.4 125.2





#19

n-Nitroso-di-n-propylamine

Concen: 44.865 ng

RT: 7.204 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

Instrument :

BNA_F

ClientSampleId :

PB155132BS

Tgt Ion: 70 Resp: 227077

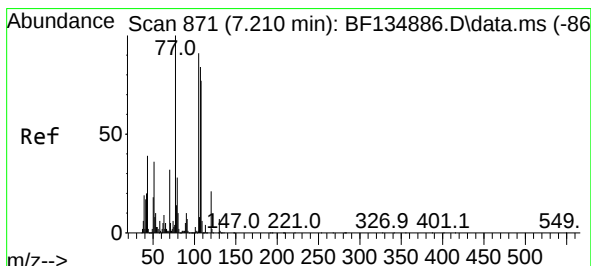
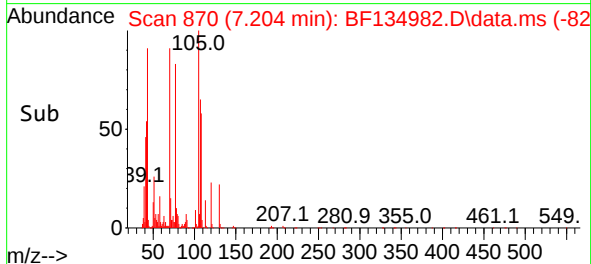
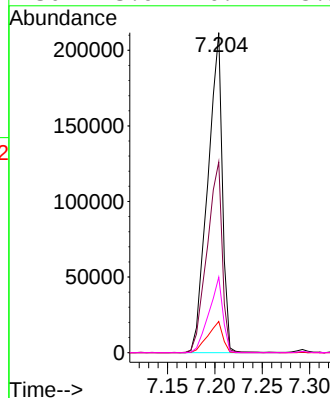
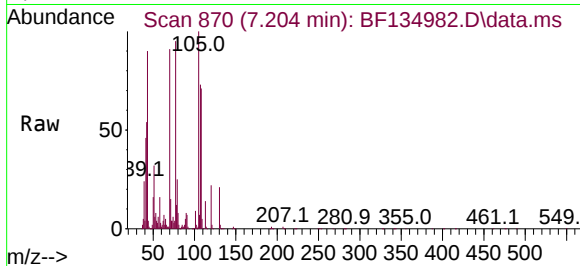
Ion Ratio Lower Upper

70 100

42 59.6 46.9 70.3

101 9.7 7.5 11.3

130 23.6 16.9 25.3



#20

3+4-Methylphenols

Concen: 45.624 ng

RT: 7.198 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

Tgt Ion:107 Resp: 333054

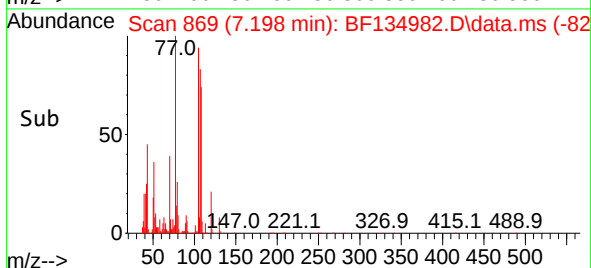
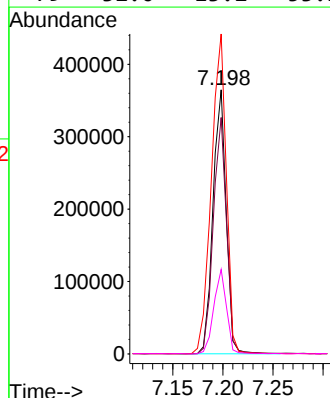
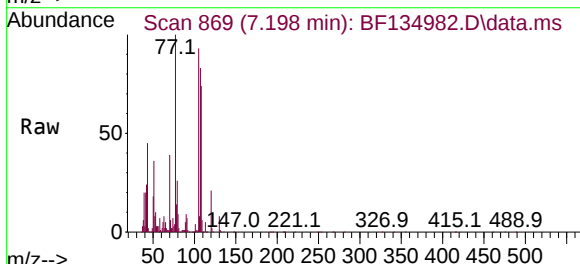
Ion Ratio Lower Upper

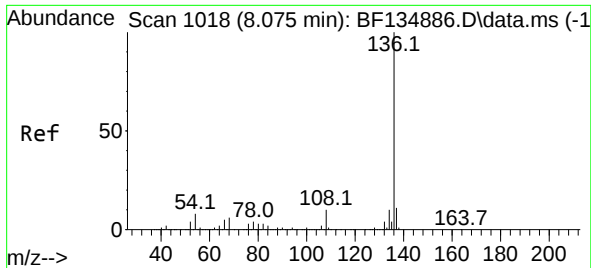
107 100

108 89.6 71.7 111.7

77 121.2 98.4 138.4

79 32.0 13.2 53.2

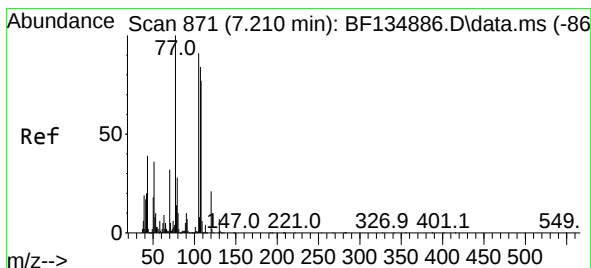
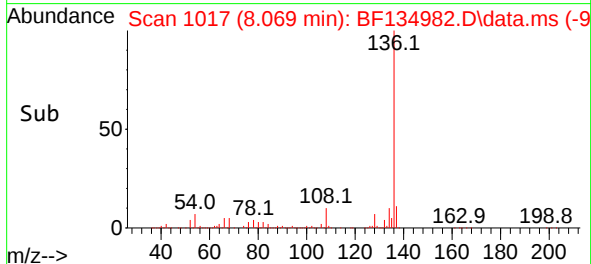
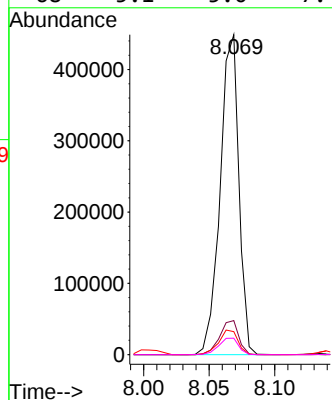
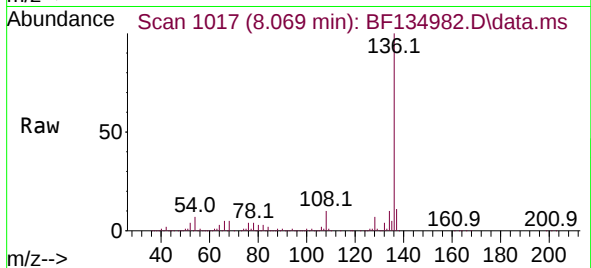




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

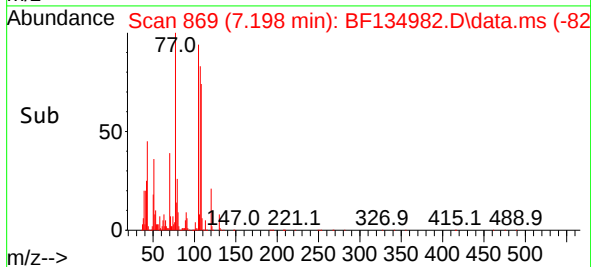
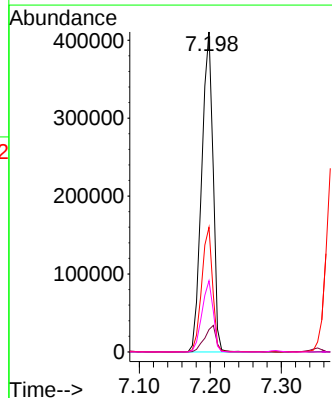
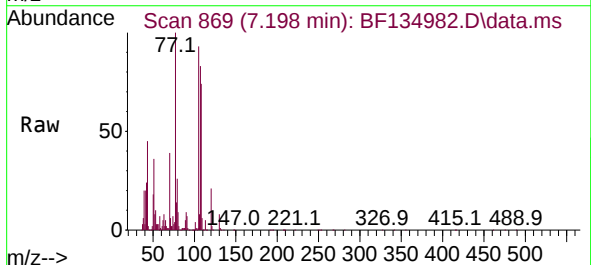
Instrument :
BNA_F
ClientSampleId :
PB155132BS

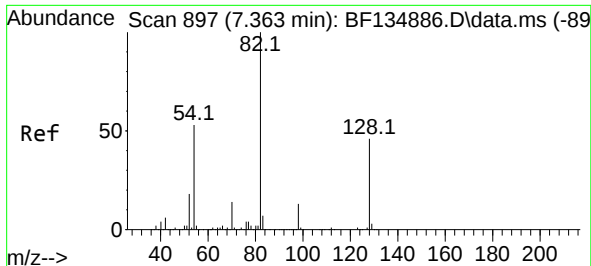
Tgt Ion:	136	Resp:	446175
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	7.2	6.6	9.8
68	5.1	5.0	7.4



#22
Acetophenone
Concen: 46.065 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion:	105	Resp:	454280
Ion Ratio	Lower	Upper	
105	100		
71	7.0	4.6	6.8
51	38.9	32.2	48.2
120	22.2	18.3	27.5





#23

Nitrobenzene-d5

Concen: 87.174 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

Instrument :

BNA_F

ClientSampleId :

PB155132BS

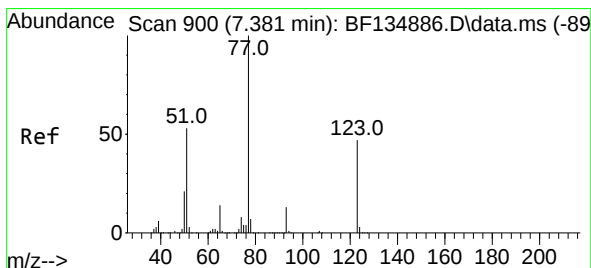
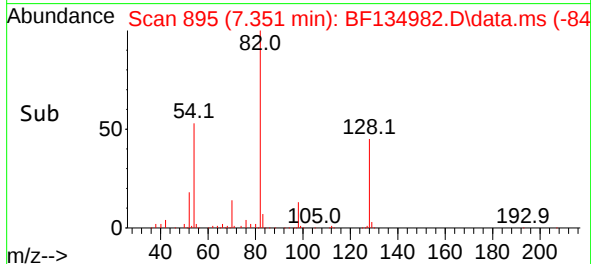
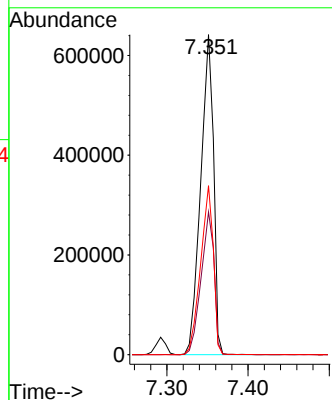
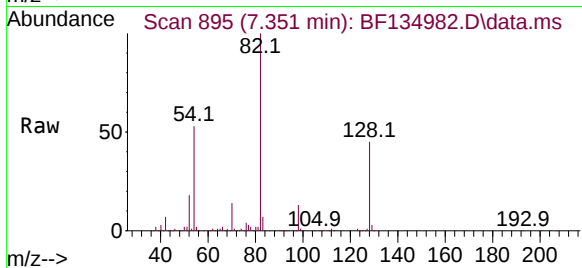
Tgt Ion: 82 Resp: 705852

Ion Ratio Lower Upper

82 100

128 44.6 36.6 54.8

54 52.8 42.6 63.8



#24

Nitrobenzene

Concen: 44.264 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.012 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

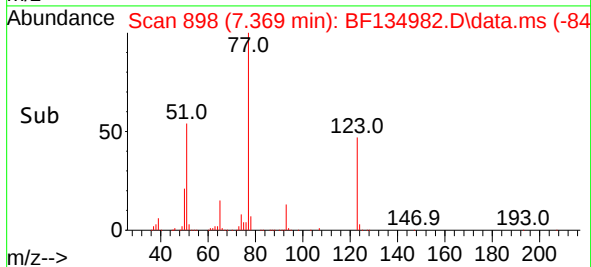
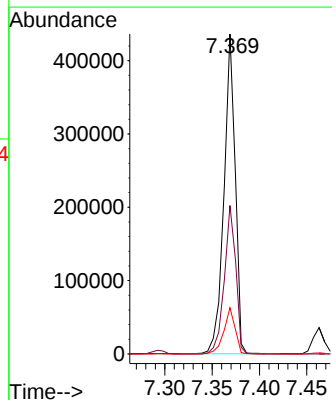
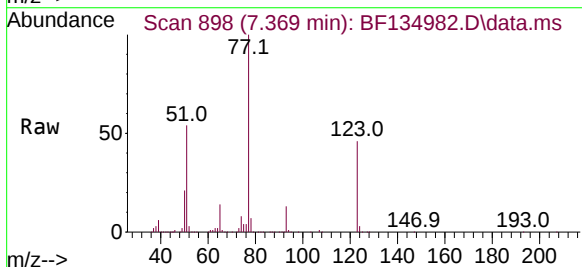
Tgt Ion: 77 Resp: 359632

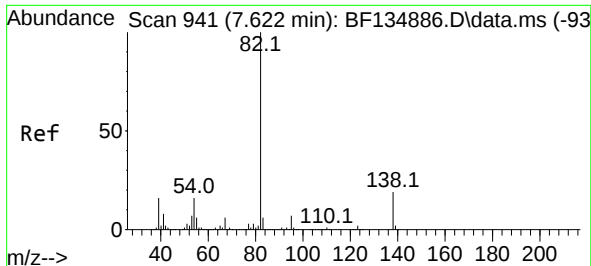
Ion Ratio Lower Upper

77 100

123 46.4 37.9 56.9

65 14.4 11.1 16.7

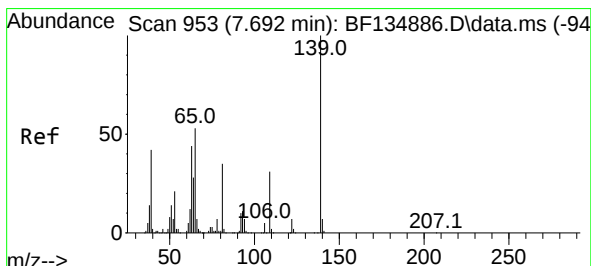
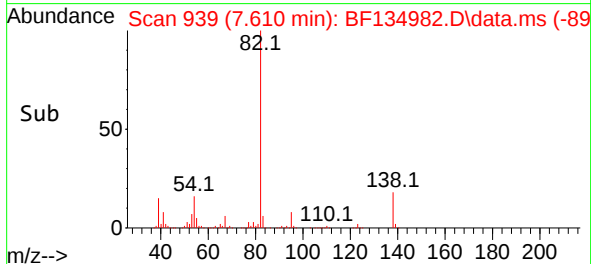
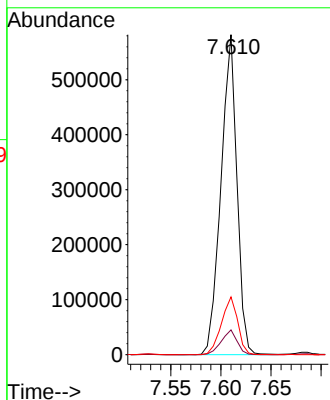
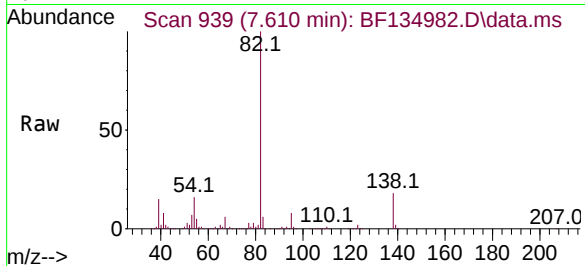




#25
Isophorone
Concen: 42.740 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

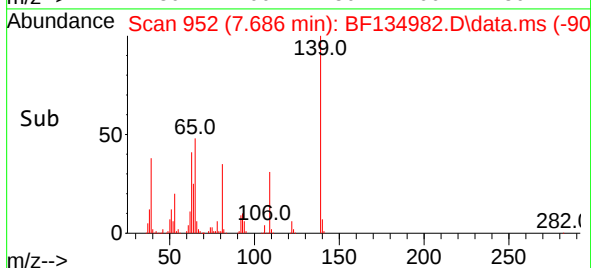
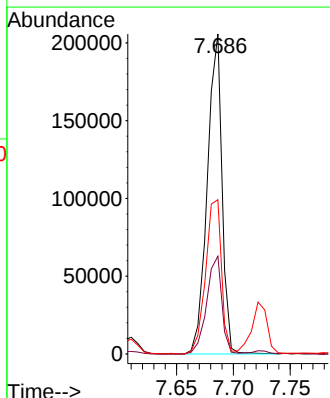
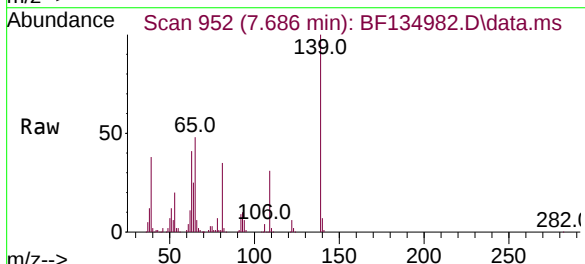
Instrument :
BNA_F
ClientSampleId :
PB155132BS

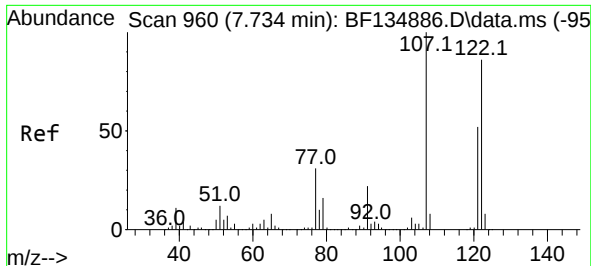
Tgt Ion: 82 Resp: 646210
Ion Ratio Lower Upper
82 100
95 7.7 5.9 8.9
138 18.1 14.9 22.3



#26
2-Nitrophenol
Concen: 46.047 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion:139 Resp: 186254
Ion Ratio Lower Upper
139 100
109 30.5 24.5 36.7
65 48.2 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 45.999 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

Instrument :

BNA_F

ClientSampleId :

PB155132BS

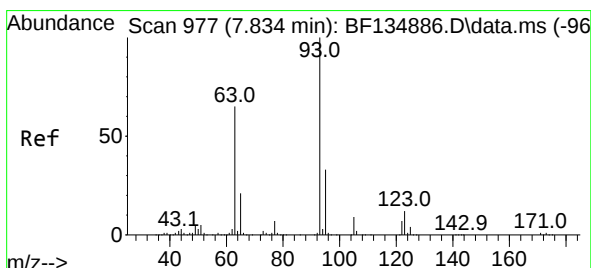
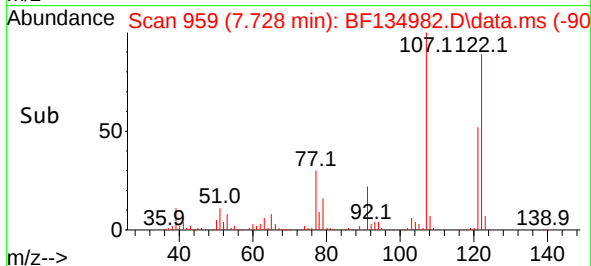
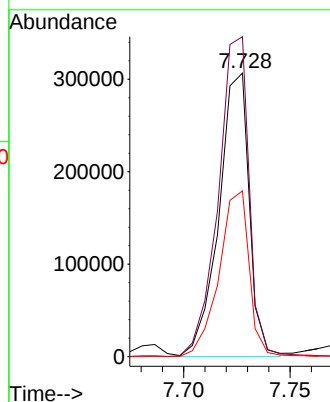
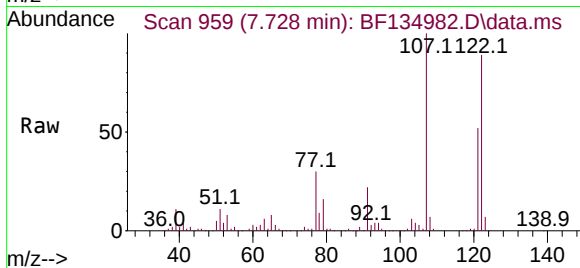
Tgt Ion:122 Resp: 303471

Ion Ratio Lower Upper

122 100

107 112.9 92.9 139.3

121 58.5 48.4 72.6



#28

bis(2-Chloroethoxy)methane

Concen: 42.904 ng

RT: 7.822 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

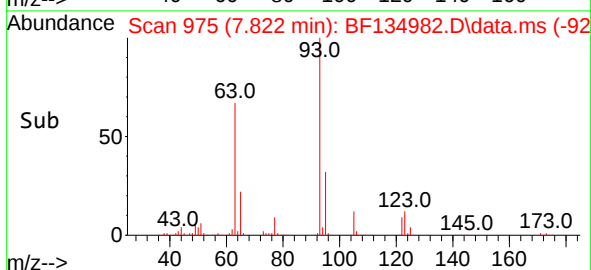
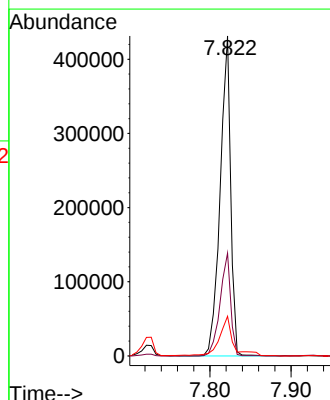
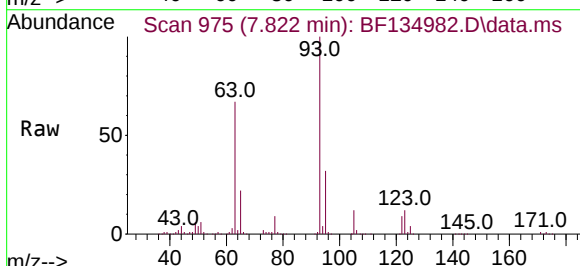
Tgt Ion: 93 Resp: 386625

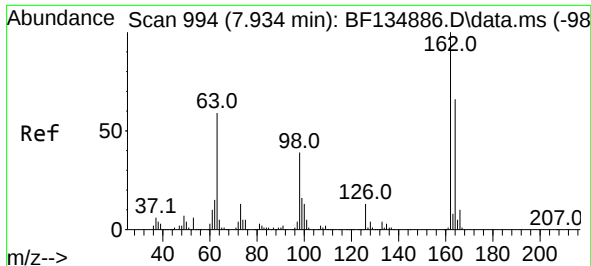
Ion Ratio Lower Upper

93 100

95 32.1 26.3 39.5

123 12.4 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 44.247 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

Instrument :

BNA_F

ClientSampleId :

PB155132BS

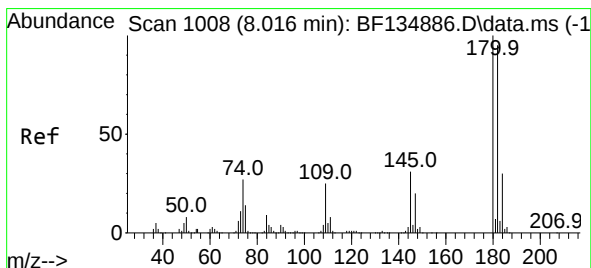
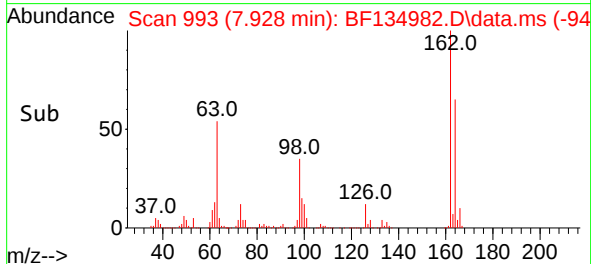
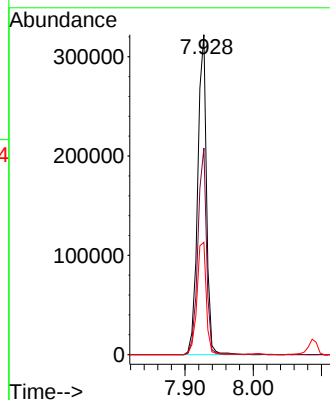
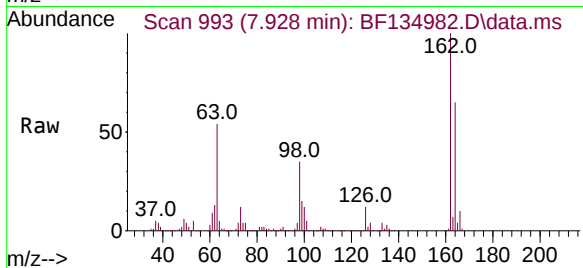
Tgt Ion:162 Resp: 288428

Ion Ratio Lower Upper

162 100

164 64.5 45.6 85.6

98 35.1 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 45.889 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

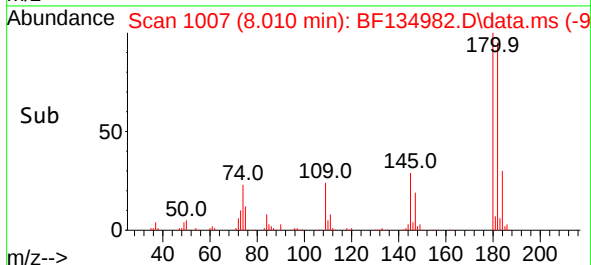
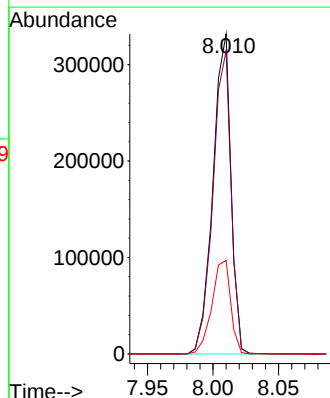
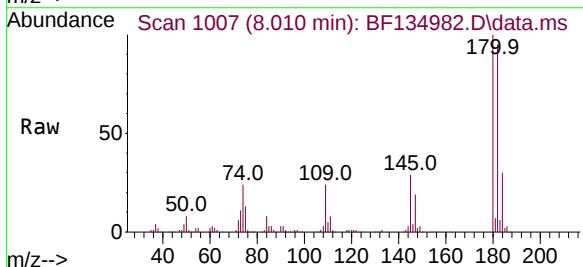
Tgt Ion:180 Resp: 317571

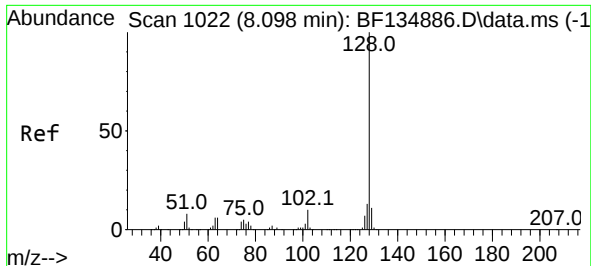
Ion Ratio Lower Upper

180 100

182 94.8 76.0 114.0

145 29.2 24.6 37.0

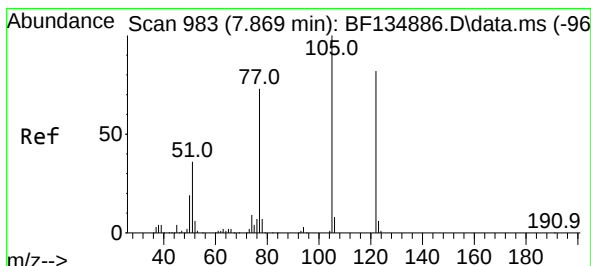
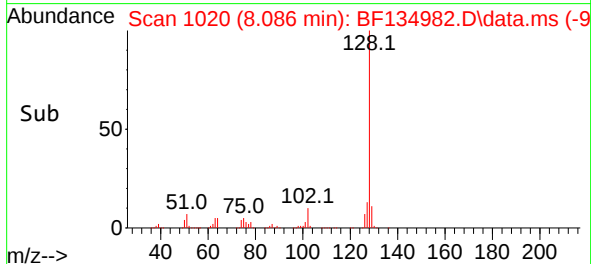
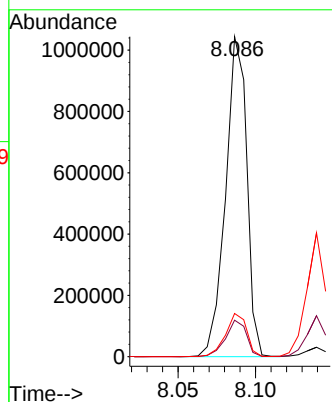
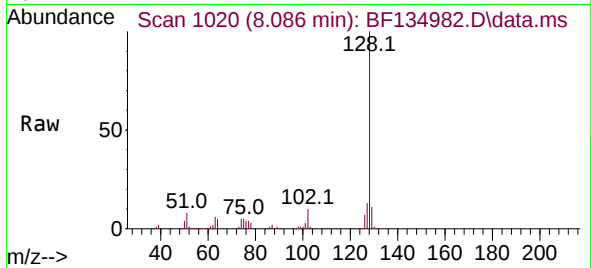




#31
Naphthalene
Concen: 44.658 ng
RT: 8.086 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

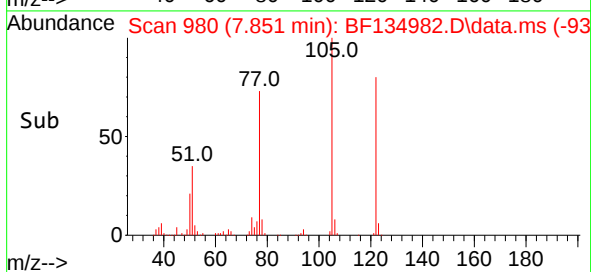
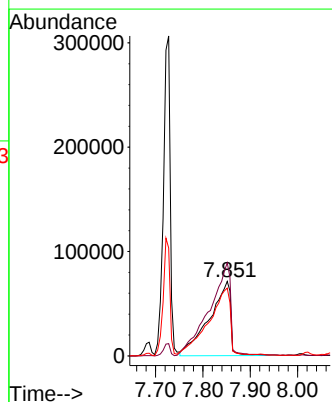
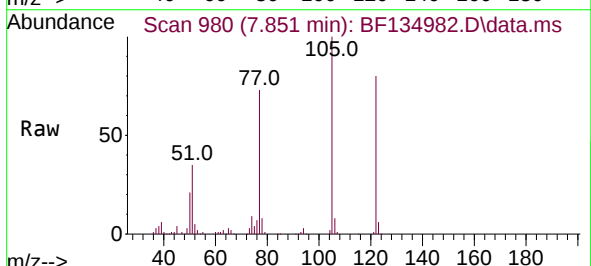
Instrument :
BNA_F
ClientSampleId :
PB155132BS

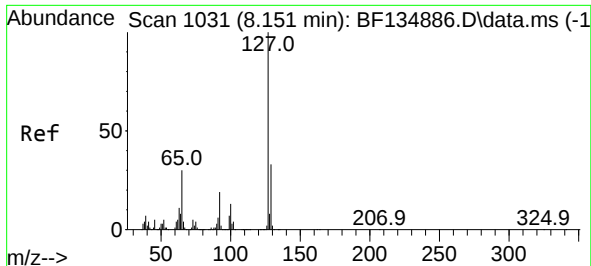
Tgt Ion:128 Resp: 994932
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 46.424 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.018 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion:122 Resp: 226031
Ion Ratio Lower Upper
122 100
105 125.0 98.6 138.6
77 91.1 68.6 108.6





#33
4-Chloroaniline
Concen: 36.239 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

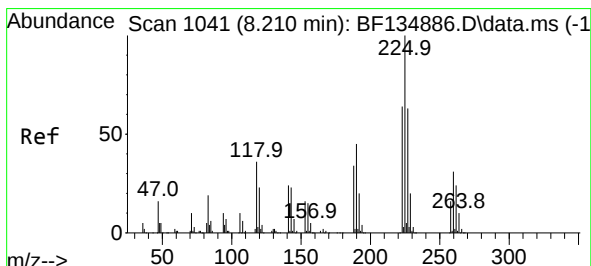
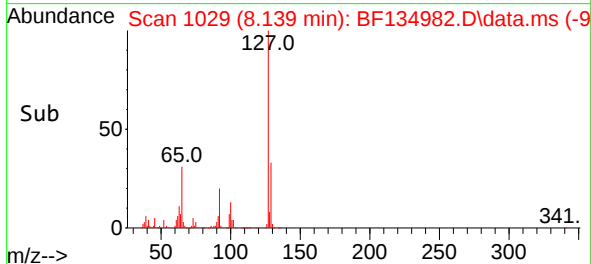
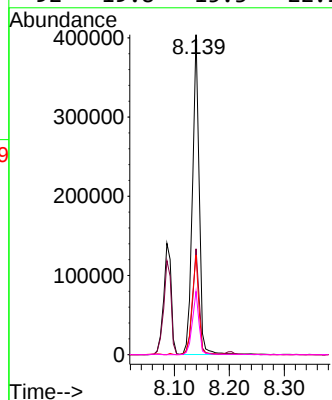
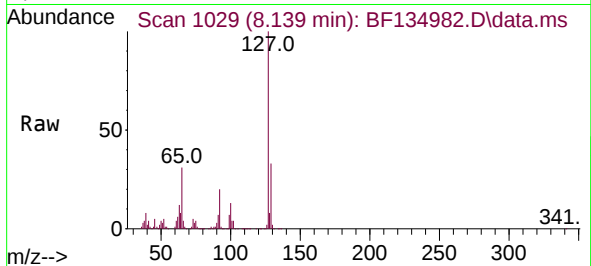
Instrument :

BNA_F

ClientSampleId :

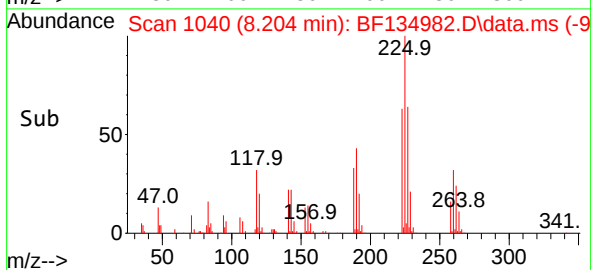
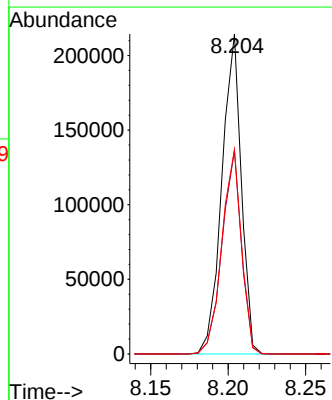
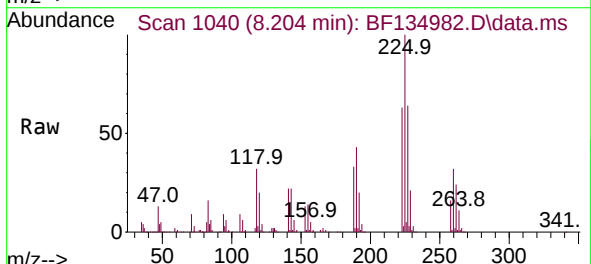
PB155132BS

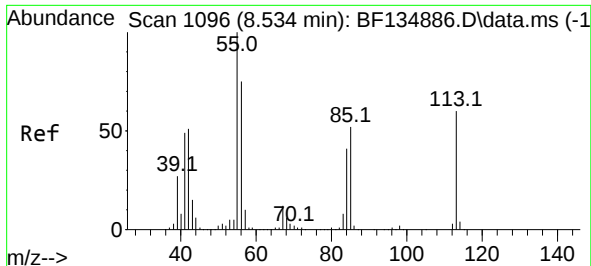
Tgt Ion:127 Resp: 346404
Ion Ratio Lower Upper
127 100
129 33.1 26.4 39.6
65 31.1 23.8 35.8
92 19.8 15.3 22.9



#34
Hexachlorobutadiene
Concen: 45.384 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion:225 Resp: 186792
Ion Ratio Lower Upper
225 100
223 63.5 51.1 76.7
227 63.9 50.1 75.1

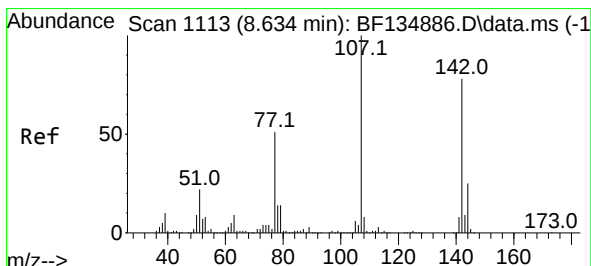
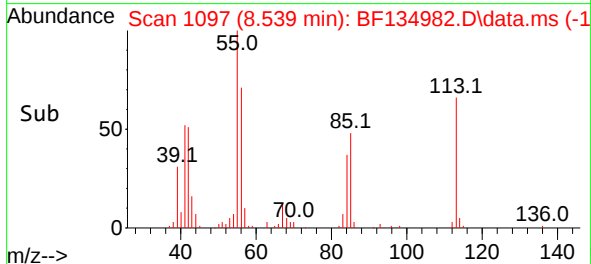
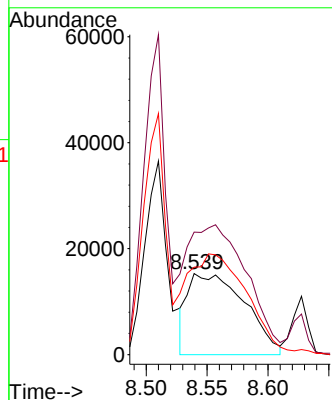
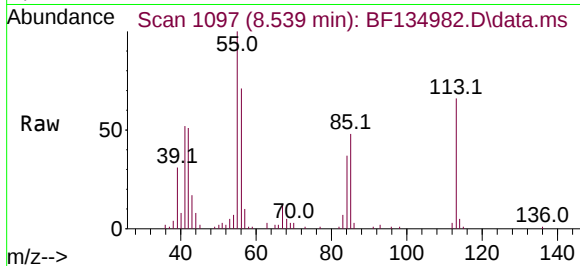




#35
 Caprolactam
 Concen: 24.432 ng
 RT: 8.539 min Scan# 1097
 Delta R.T. 0.006 min
 Lab File: BF134982.D
 Acq: 29 Aug 2023 14:08

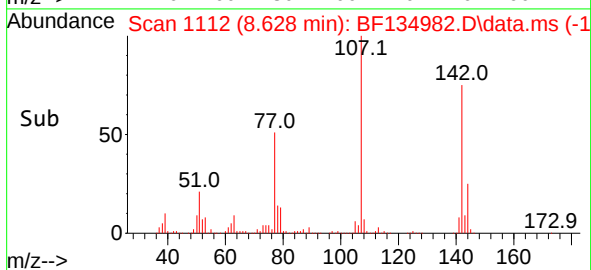
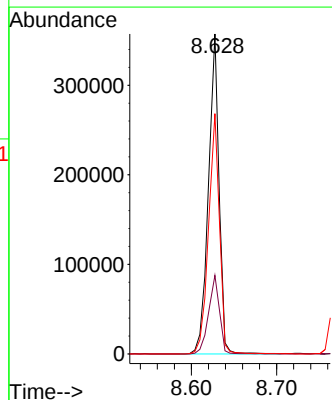
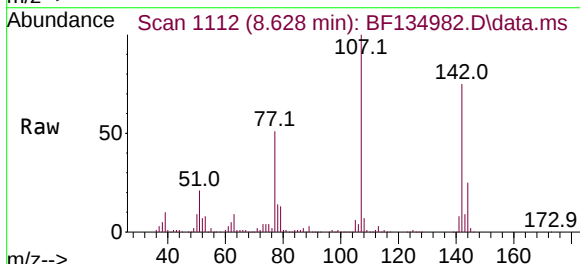
Instrument :
 BNA_F
 ClientSampleId :
 PB155132BS

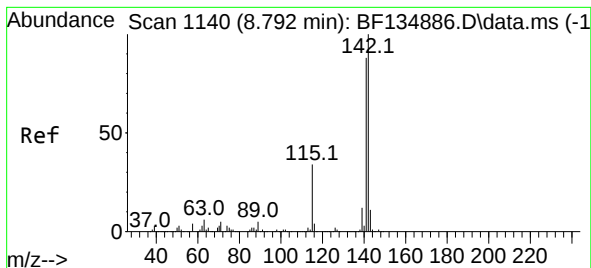
Tgt Ion:113 Resp: 49715
 Ion Ratio Lower Upper
 113 100
 55 151.1 147.2 187.2
 56 108.0 106.0 146.0



#36
 4-Chloro-3-methylphenol
 Concen: 45.205 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF134982.D
 Acq: 29 Aug 2023 14:08

Tgt Ion:107 Resp: 310956
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.2 30.2
 142 75.1 62.5 93.7

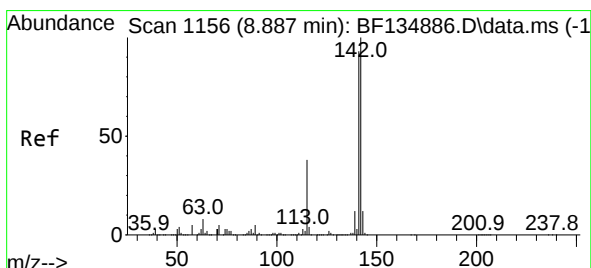
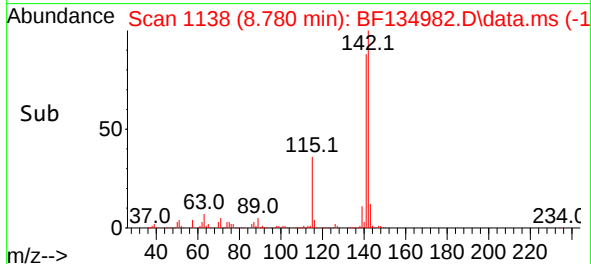
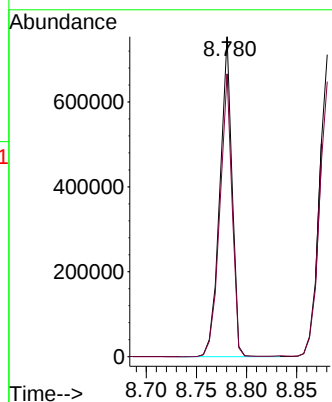
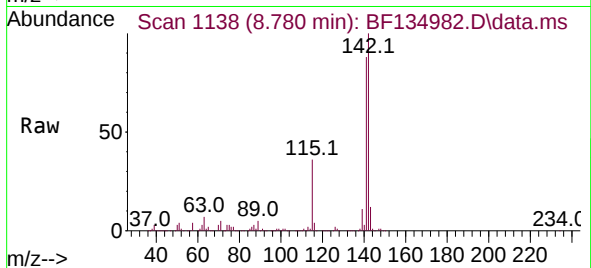




#37
2-Methylnaphthalene
Concen: 43.119 ng
RT: 8.780 min Scan# 1140
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

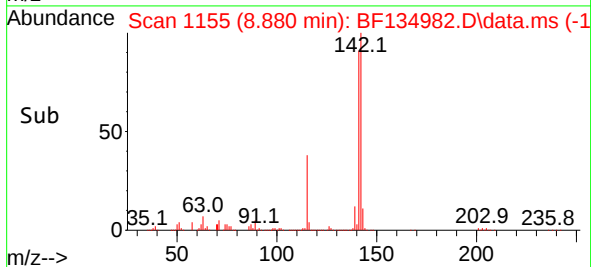
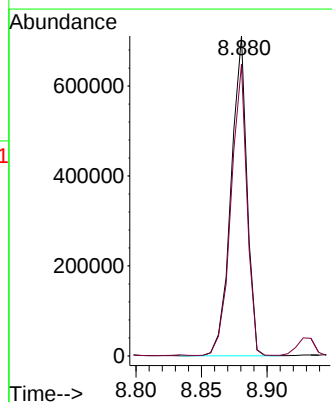
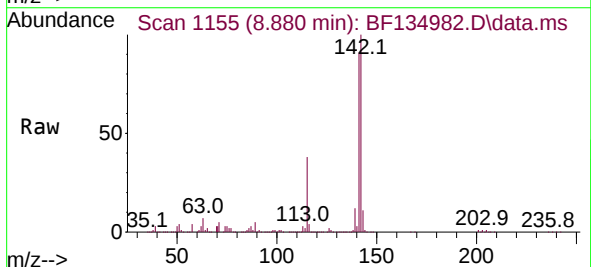
Instrument :
BNA_F
ClientSampleId :
PB155132BS

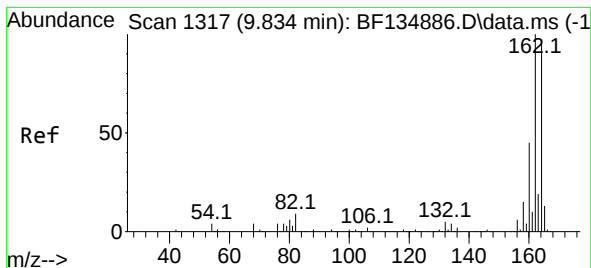
Tgt Ion:142 Resp: 640636
Ion Ratio Lower Upper
142 100
141 88.4 70.2 105.2



#38
1-Methylnaphthalene
Concen: 43.418 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion:142 Resp: 603204
Ion Ratio Lower Upper
142 100
141 91.1 74.1 111.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

Instrument :

BNA_F

ClientSampleId :

PB155132BS

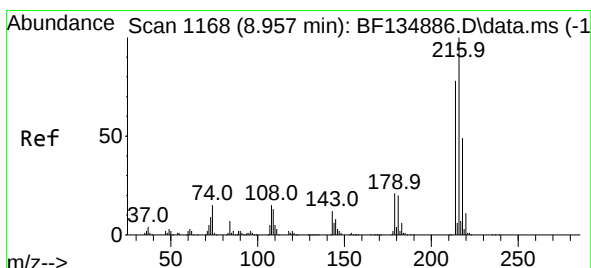
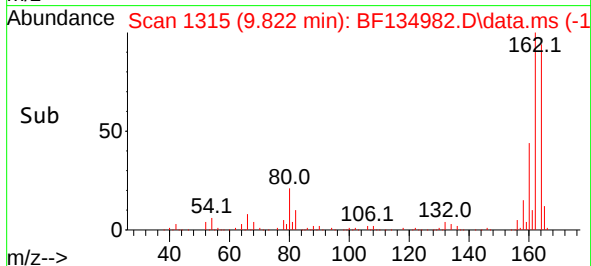
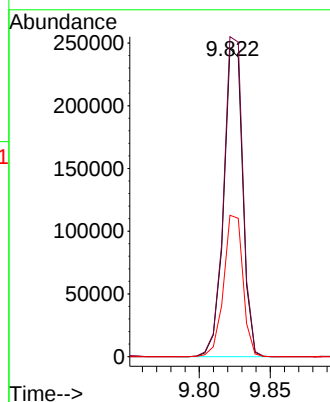
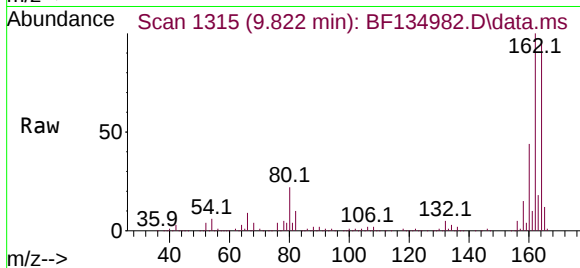
Tgt Ion:164 Resp: 229713

Ion Ratio Lower Upper

164 100

162 103.9 82.6 123.8

160 45.9 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.443 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.012 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

Tgt Ion:216 Resp: 304090

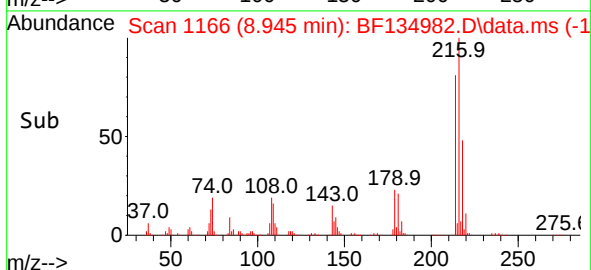
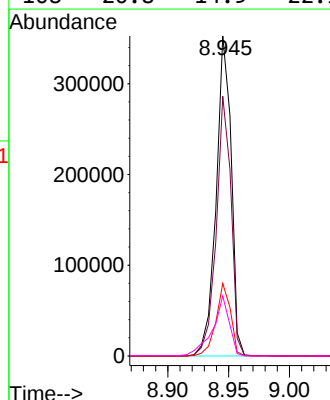
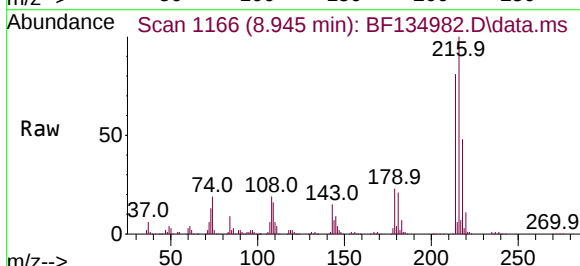
Ion Ratio Lower Upper

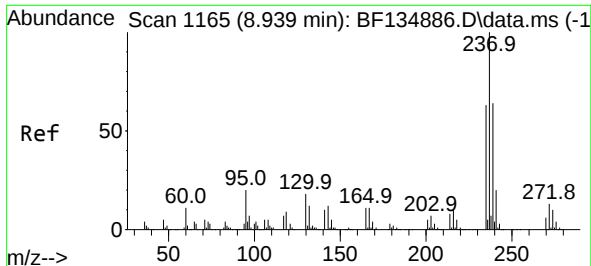
216 100

214 79.2 63.1 94.7

179 21.9 17.3 25.9

108 20.8 14.9 22.3

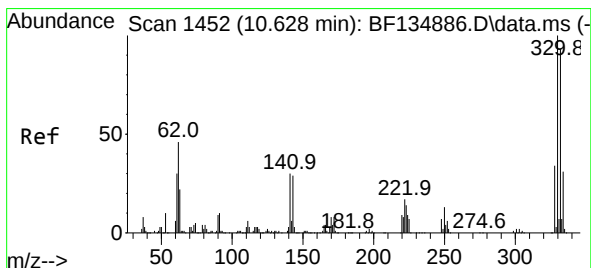
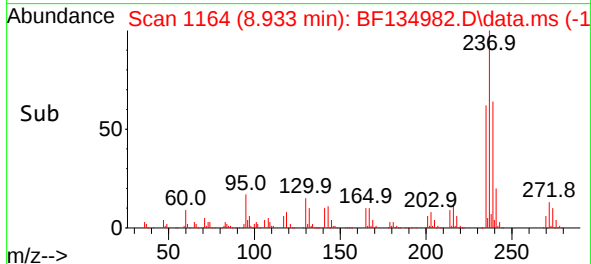
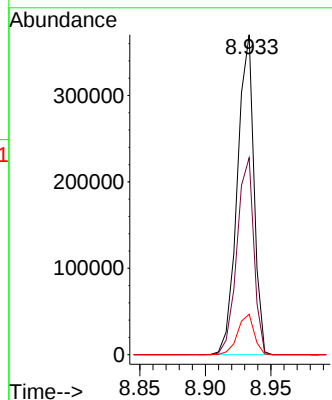
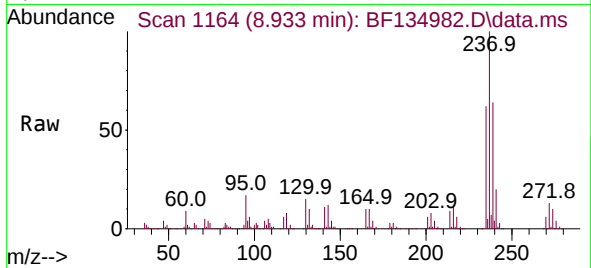




#41
Hexachlorocyclopentadiene
Concen: 104.965 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

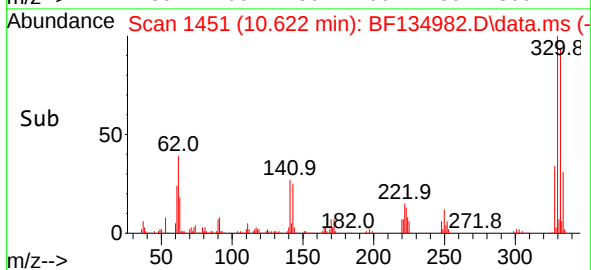
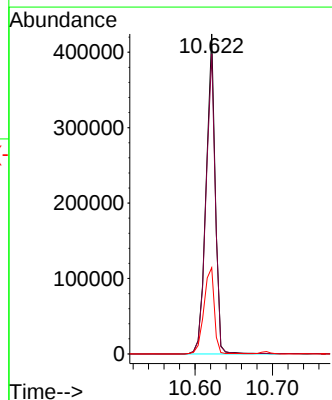
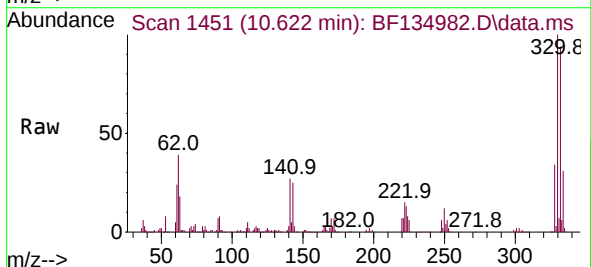
Instrument :
BNA_F
ClientSampleId :
PB155132BS

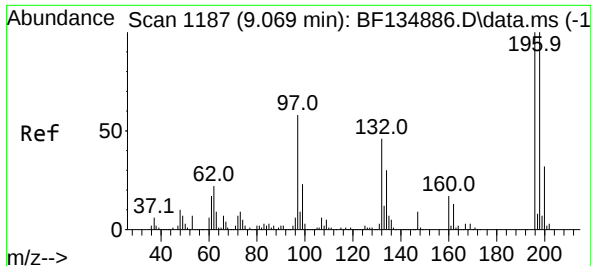
Tgt Ion:237 Resp: 325291
Ion Ratio Lower Upper
237 100
235 61.5 43.1 83.1
272 12.6 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 128.397 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion:330 Resp: 347372
Ion Ratio Lower Upper
330 100
332 95.9 76.3 114.5
141 30.7 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 45.648 ng

RT: 9.063 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

Instrument :

BNA_F

ClientSampleId :

PB155132BS

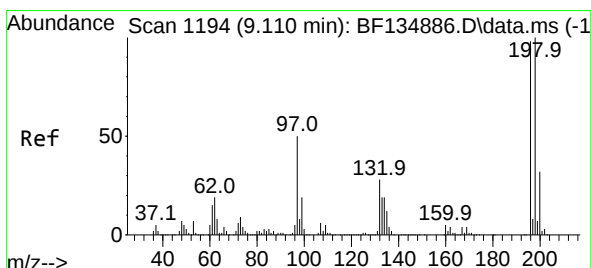
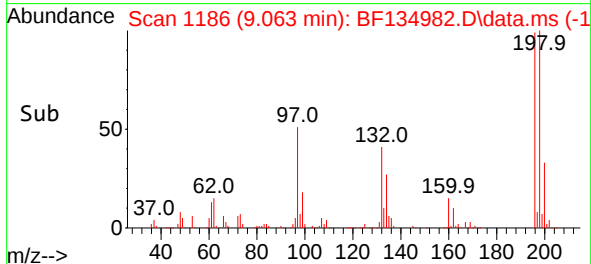
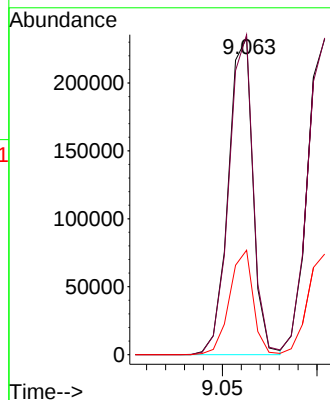
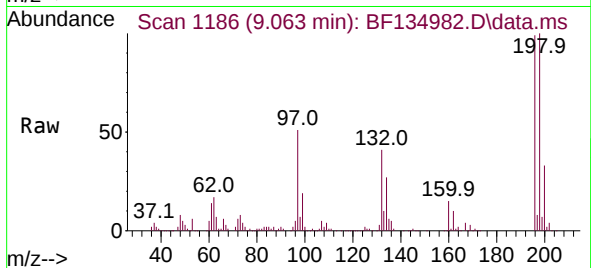
Tgt Ion:196 Resp: 211026

Ion Ratio Lower Upper

196 100

198 101.2 79.8 119.6

200 33.0 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 41.143 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

Tgt Ion:196 Resp: 220200

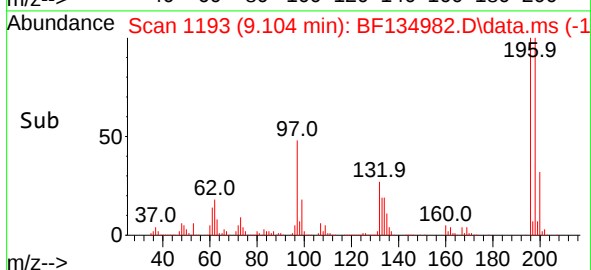
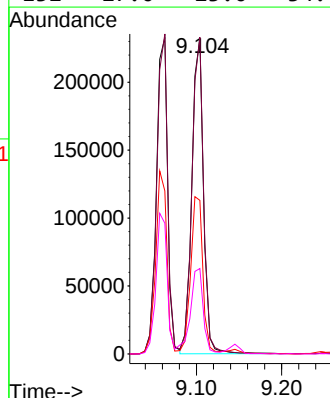
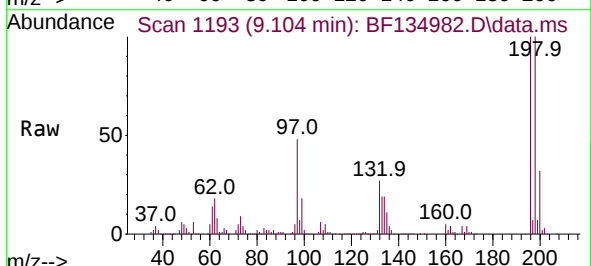
Ion Ratio Lower Upper

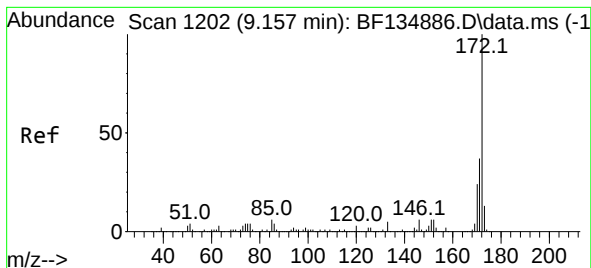
196 100

198 100.3 81.8 122.6

97 48.6 41.3 61.9

132 27.0 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 86.712 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

Instrument :

BNA_F

ClientSampleId :

PB155132BS

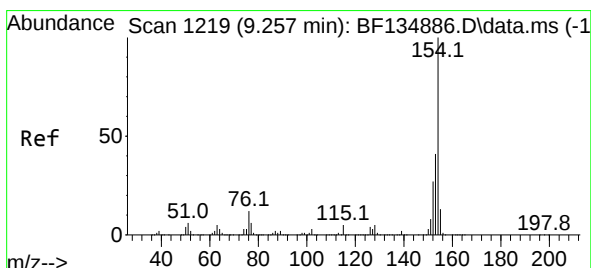
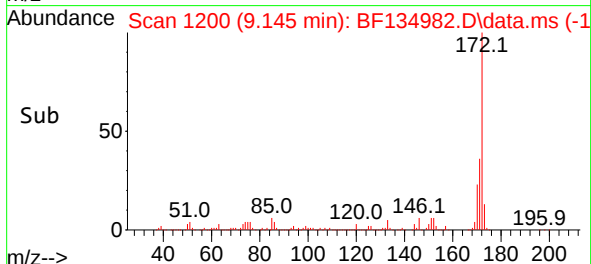
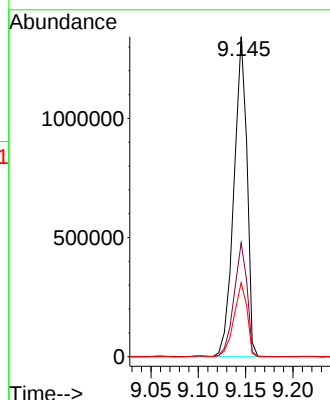
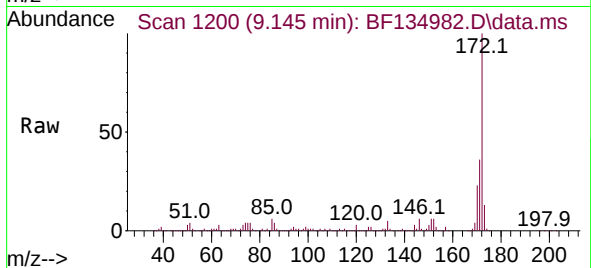
Tgt Ion:172 Resp: 1288508

Ion Ratio Lower Upper

172 100

171 35.6 29.4 44.0

170 23.1 19.6 29.4



#46

1,1'-Biphenyl

Concen: 44.153 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.012 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

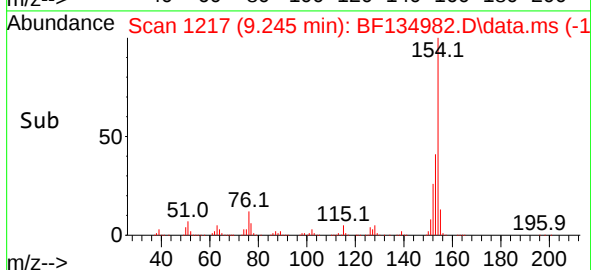
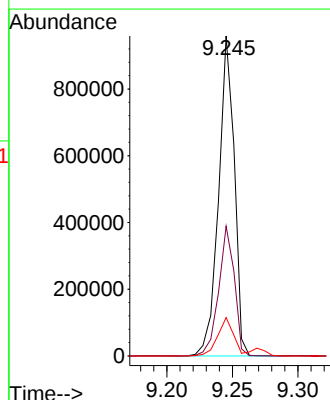
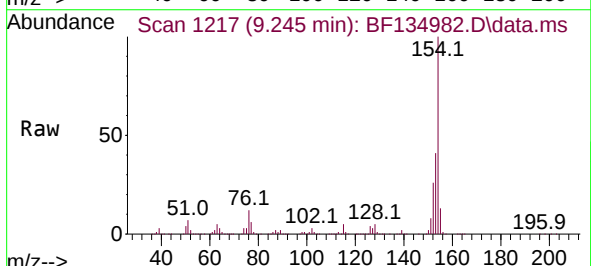
Tgt Ion:154 Resp: 800724

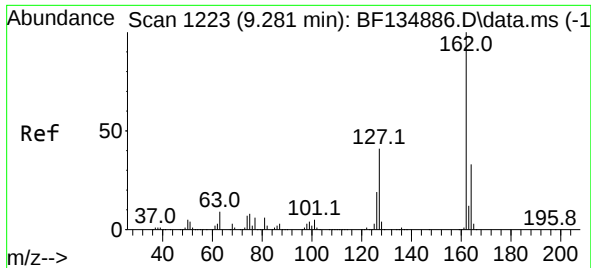
Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

76 12.0 0.0 31.8

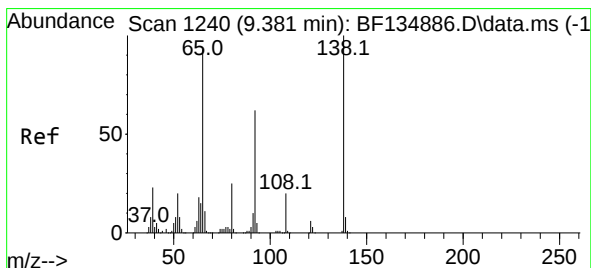
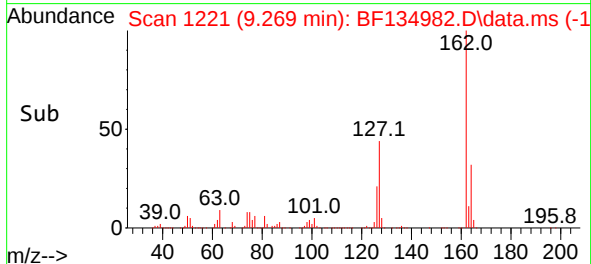
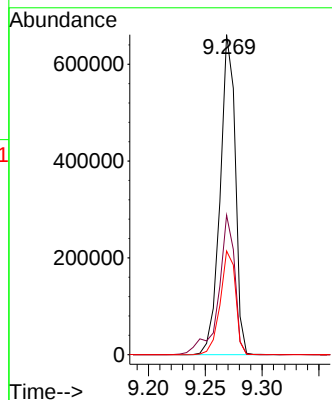
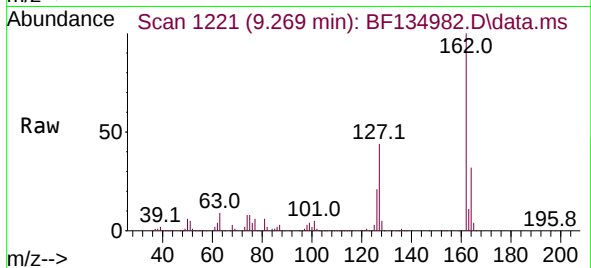




#47
2-Chloronaphthalene
Concen: 45.192 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

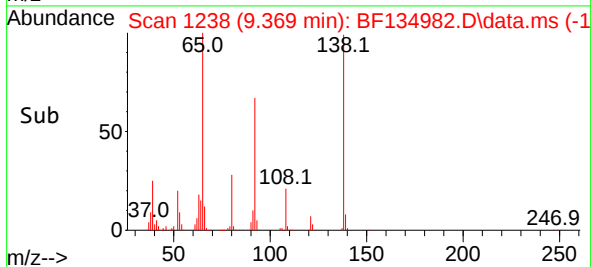
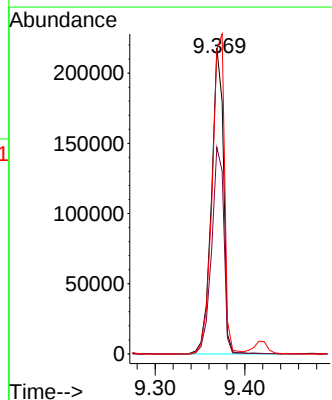
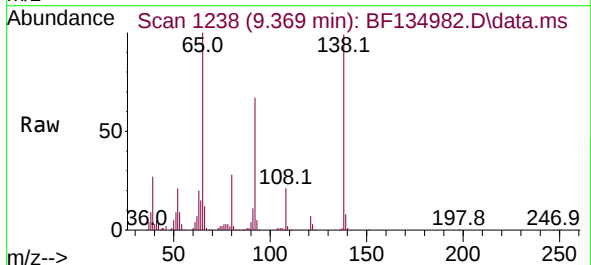
Instrument :
BNA_F
ClientSampleId :
PB155132BS

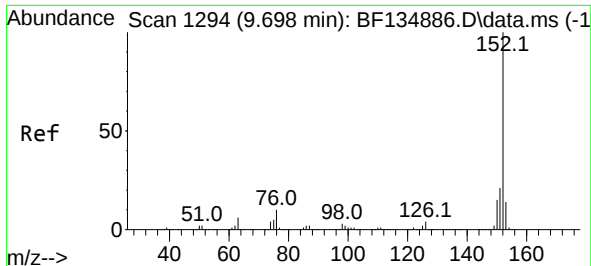
Tgt Ion:162 Resp: 612061
Ion Ratio Lower Upper
162 100
127 43.6 33.4 50.0
164 32.4 26.6 39.8



#48
2-Nitroaniline
Concen: 45.495 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion: 65 Resp: 202545
Ion Ratio Lower Upper
65 100
92 67.4 53.8 80.8
138 99.4 86.5 129.7





#49

Acenaphthylene

Concen: 44.797 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.012 min

Lab File: BF134982.D

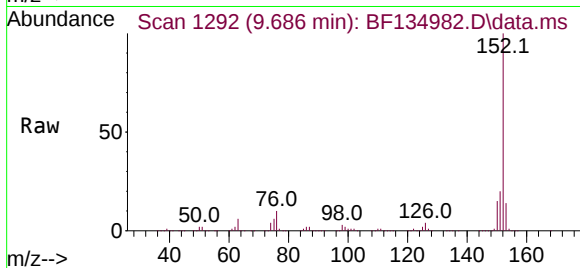
Acq: 29 Aug 2023 14:08

Instrument :

BNA_F

ClientSampleId :

PB155132BS



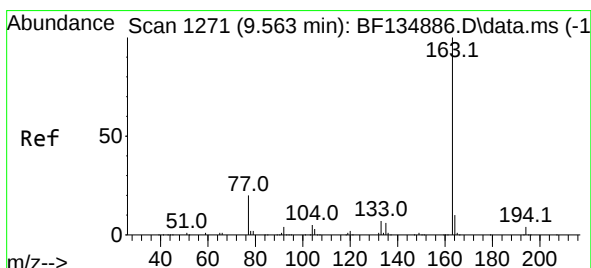
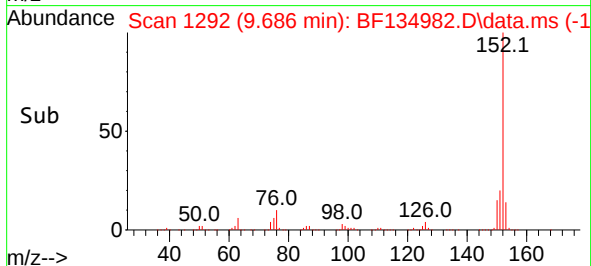
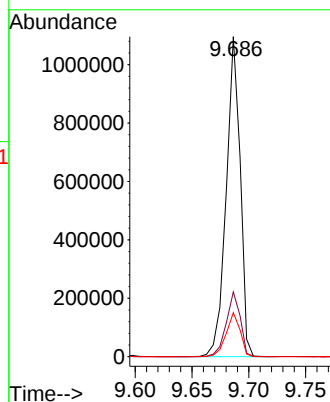
Tgt Ion:152 Resp: 934339

Ion Ratio Lower Upper

152 100

151 20.3 16.5 24.7

153 13.7 11.3 16.9



#50

Dimethylphthalate

Concen: 44.319 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

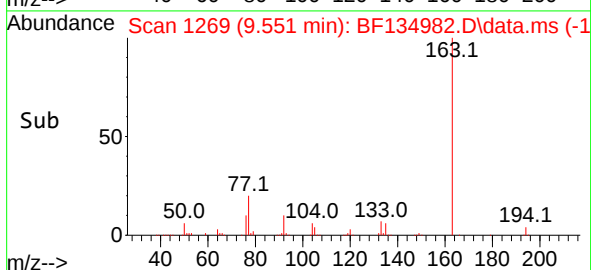
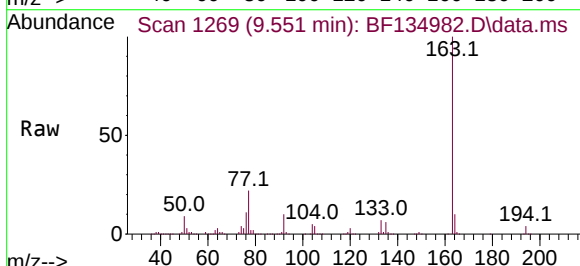
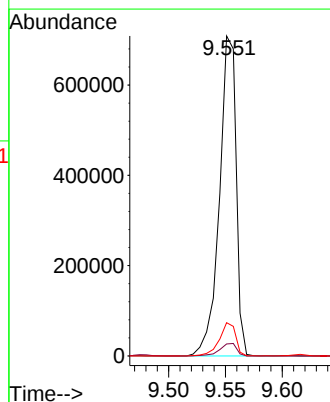
Tgt Ion:163 Resp: 724668

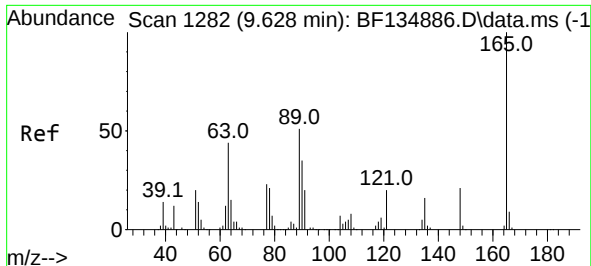
Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 10.4 8.2 12.4

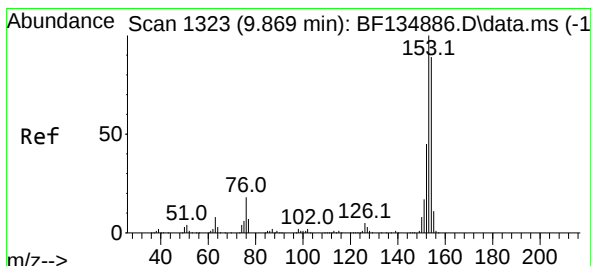
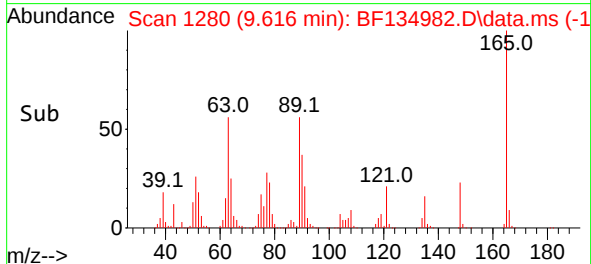
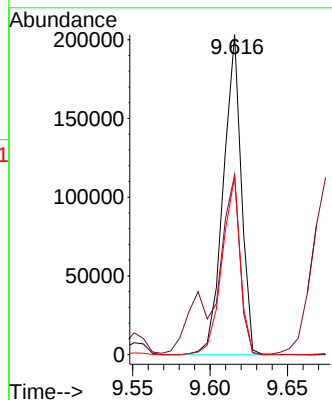
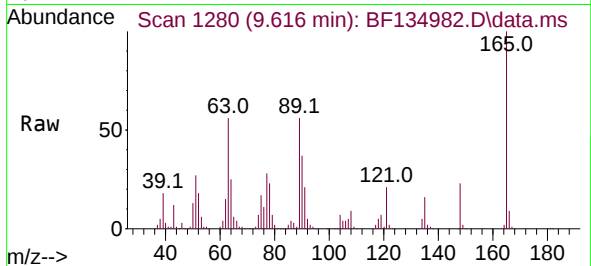




#51
2,6-Dinitrotoluene
Concen: 45.541 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

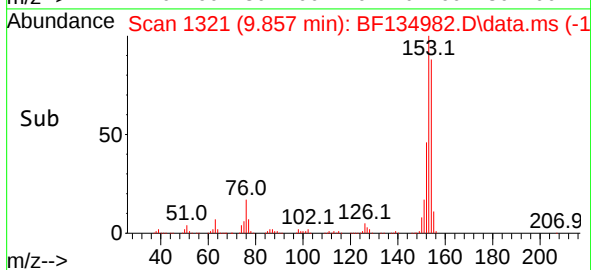
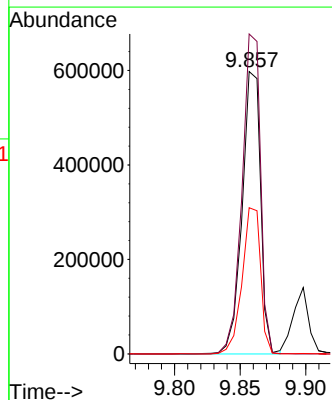
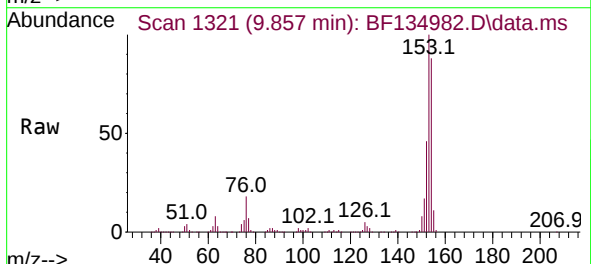
Instrument :
BNA_F
ClientSampleId :
PB155132BS

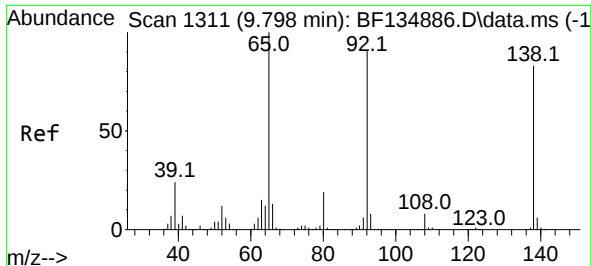
Tgt Ion:165 Resp: 164238
Ion Ratio Lower Upper
165 100
63 56.2 41.4 62.2
89 55.7 40.9 61.3



#52
Acenaphthene
Concen: 44.516 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion:154 Resp: 584915
Ion Ratio Lower Upper
154 100
153 113.3 89.6 134.4
152 51.8 40.5 60.7

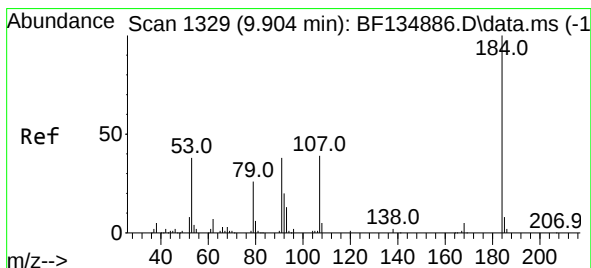
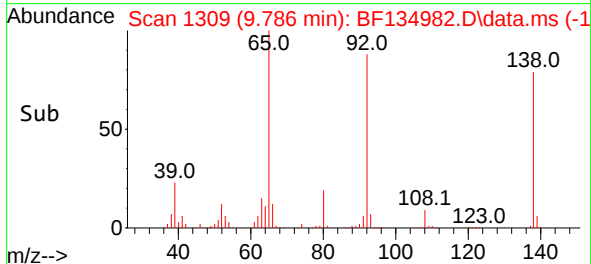
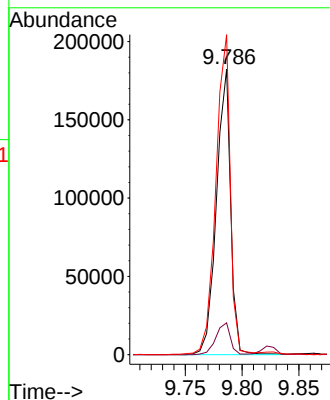
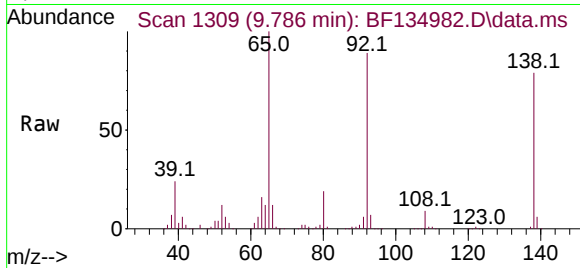




#53
3-Nitroaniline
Concen: 40.247 ng
RT: 9.786 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

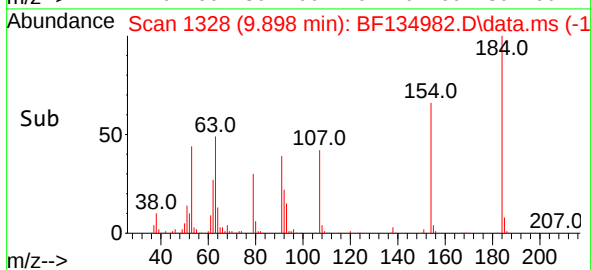
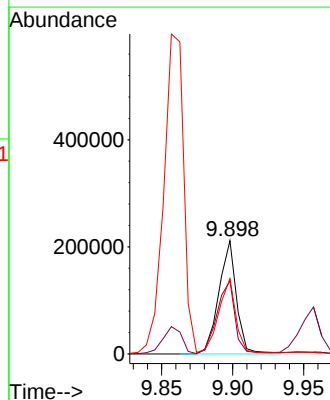
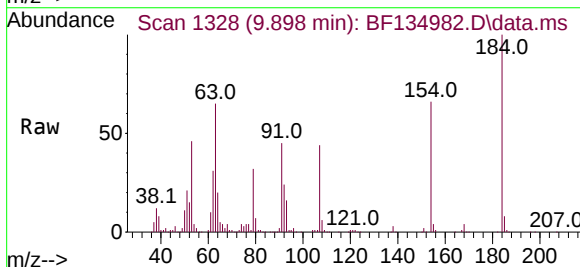
Instrument :
BNA_F
ClientSampleId :
PB155132BS

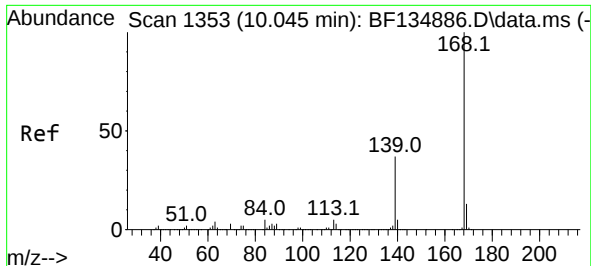
Tgt Ion:138 Resp: 158532
Ion Ratio Lower Upper
138 100
108 11.1 8.0 12.0
92 112.1 87.6 131.4



#54
2,4-Dinitrophenol
Concen: 107.750 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion:184 Resp: 183862
Ion Ratio Lower Upper
184 100
63 64.5 42.8 64.2#
154 66.4 48.0 72.0

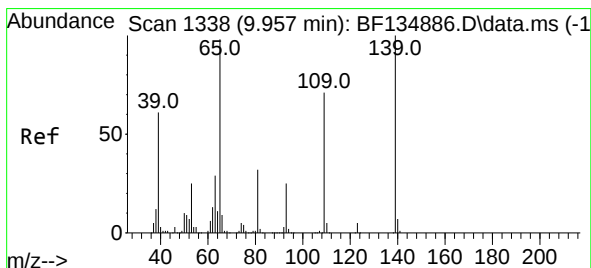
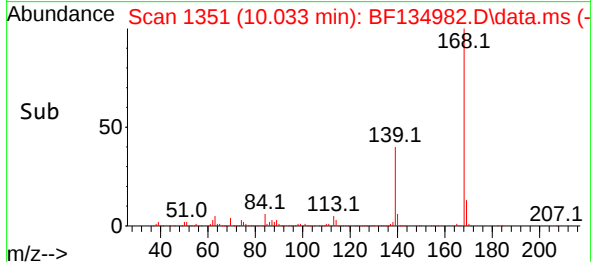
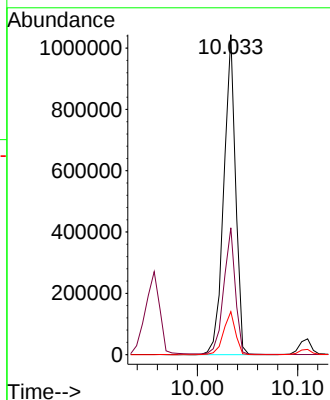
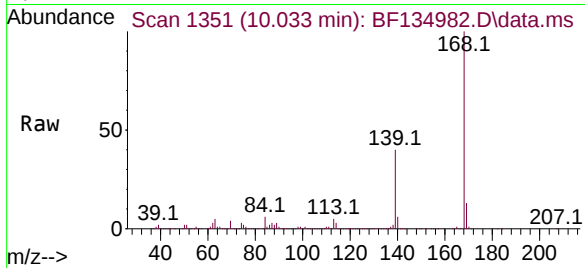




#55
Dibenzofuran
Concen: 44.611 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

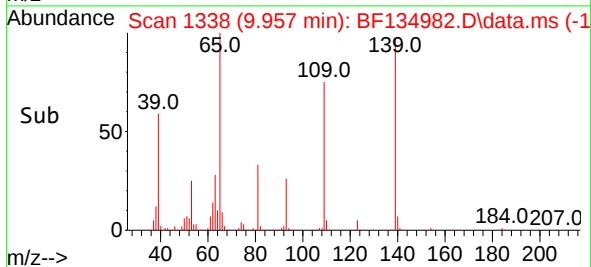
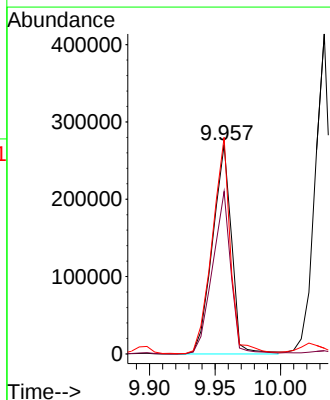
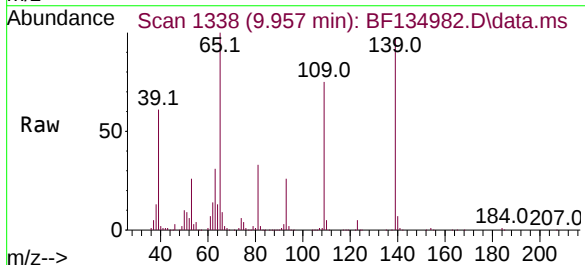
Instrument :
BNA_F
ClientSampleId :
PB155132BS

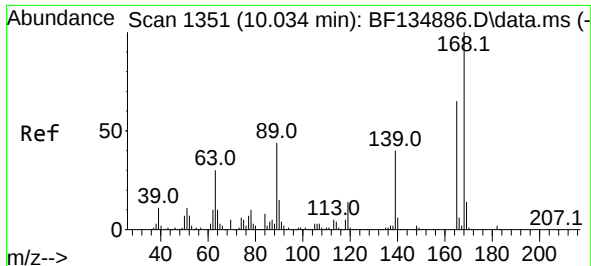
Tgt Ion:168 Resp: 853412
Ion Ratio Lower Upper
168 100
139 39.6 29.5 44.3
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 99.273 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion:139 Resp: 272508
Ion Ratio Lower Upper
139 100
109 77.7 51.0 91.0
65 103.5 78.5 118.5

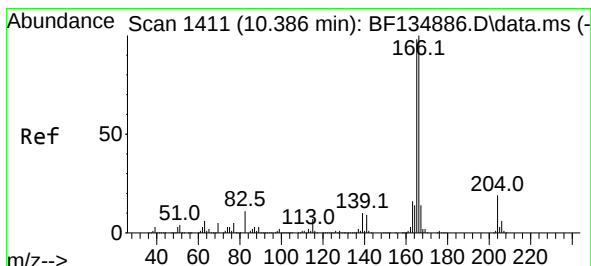
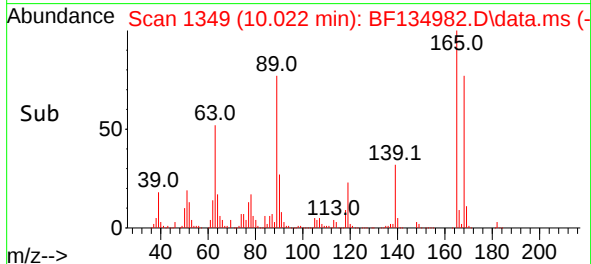
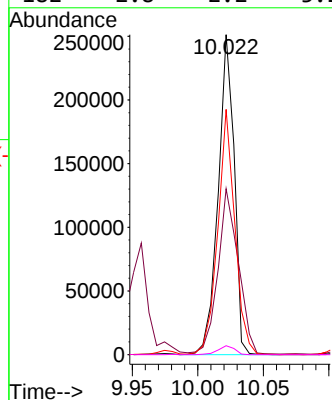
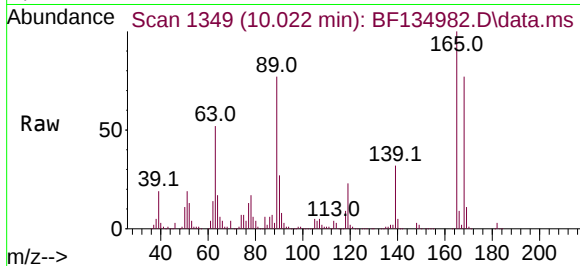




#57
2,4-Dinitrotoluene
Concen: 47.876 ng
RT: 10.022 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

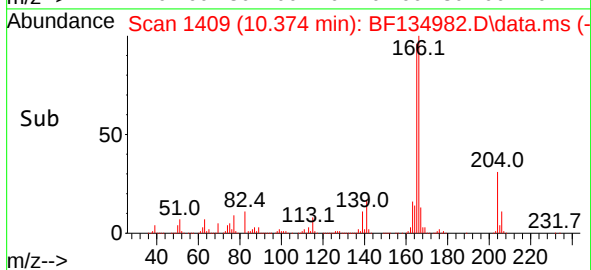
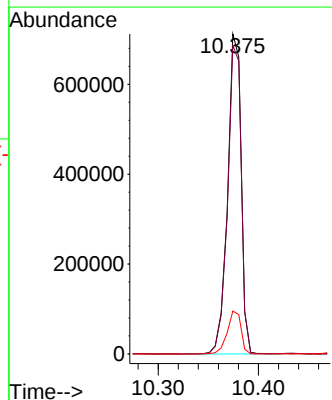
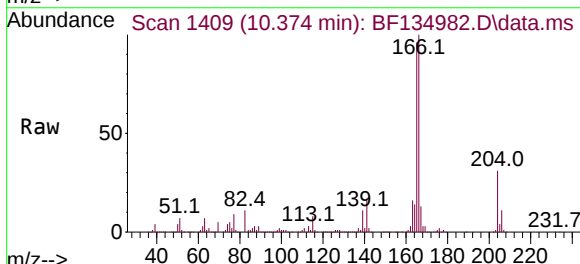
Instrument :
BNA_F
ClientSampleId :
PB155132BS

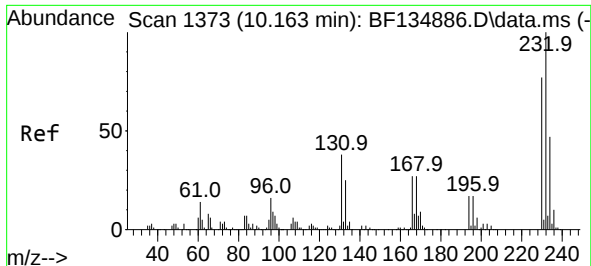
Tgt Ion:165	Resp:	213526
Ion Ratio	Lower	Upper
165	100	
63	51.8	37.7 56.5
89	76.6	54.2 81.4
182	2.8	2.2 3.2



#58
Fluorene
Concen: 46.165 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.011 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion:166	Resp:	669825
Ion Ratio	Lower	Upper
166	100	
165	96.4	78.5 117.7
167	13.4	11.0 16.6

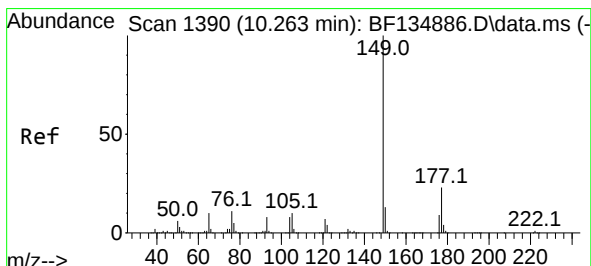
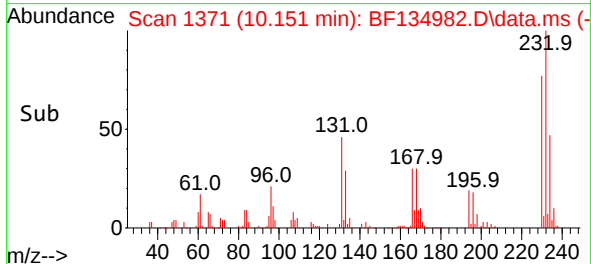
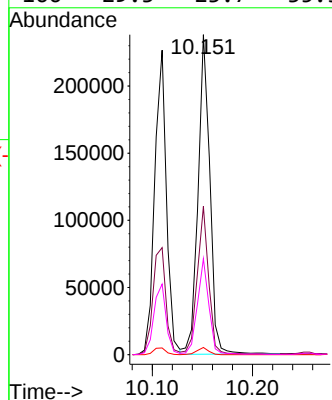
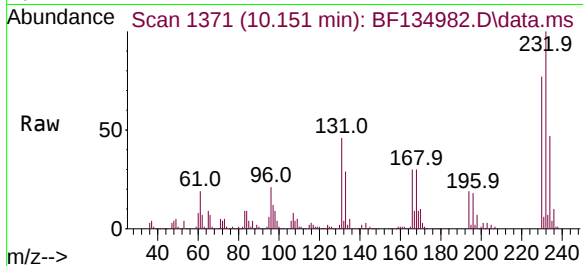




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.362 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

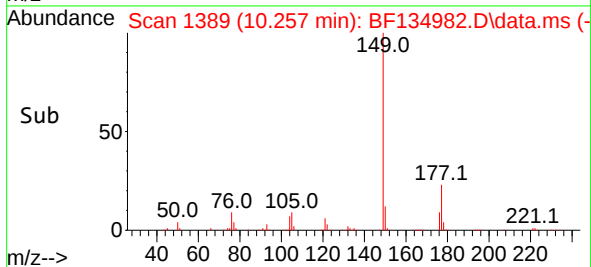
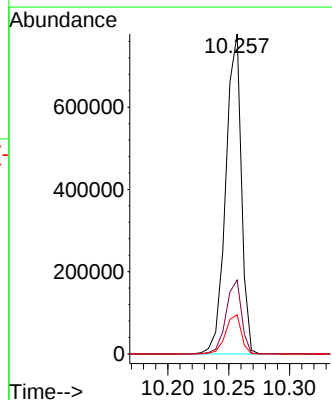
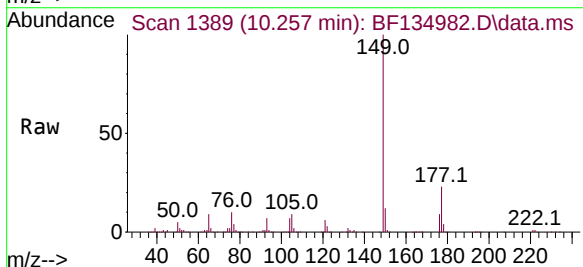
Instrument :
BNA_F
ClientSampleId :
PB155132BS

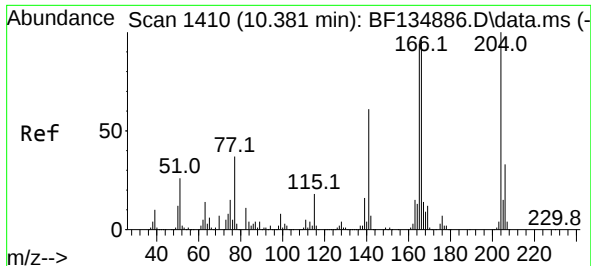
Tgt Ion:232 Resp: 193325
Ion Ratio Lower Upper
232 100
131 45.3 33.9 50.9
130 2.2 1.6 2.4
166 29.3 23.7 35.5



#60
Diethylphthalate
Concen: 46.073 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion:149 Resp: 690206
Ion Ratio Lower Upper
149 100
177 23.1 18.4 27.6
150 12.2 10.3 15.5

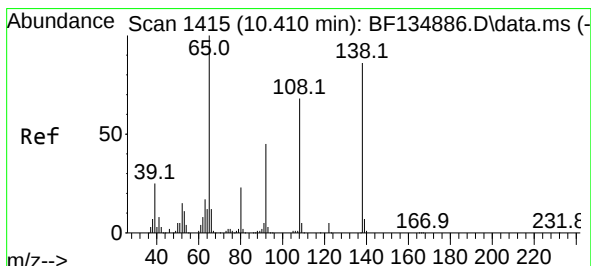
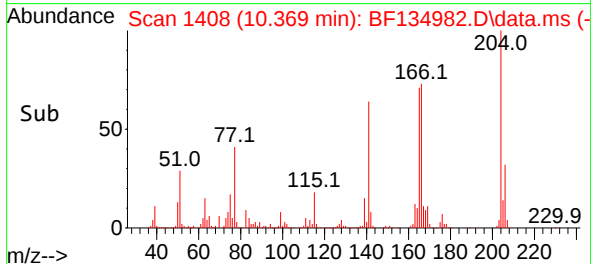
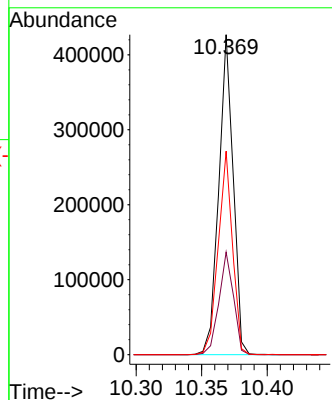
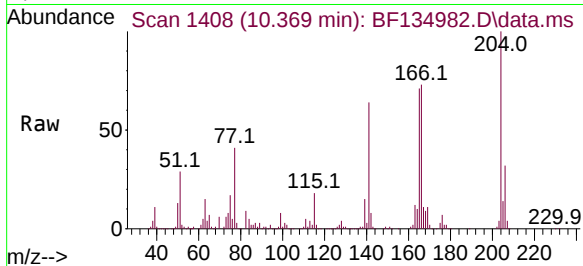




#61
4-Chlorophenyl-phenylether
Concen: 44.850 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

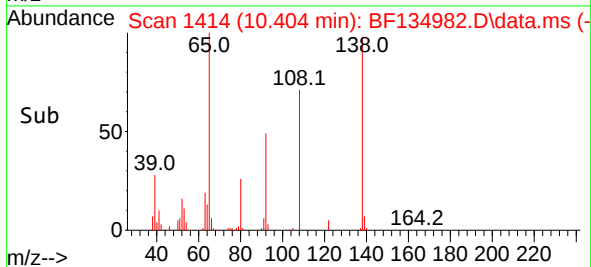
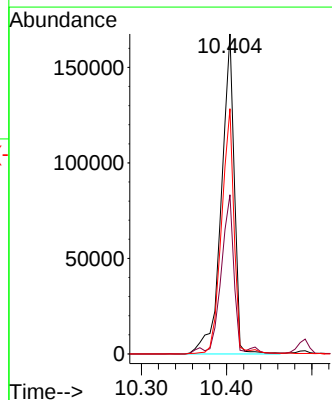
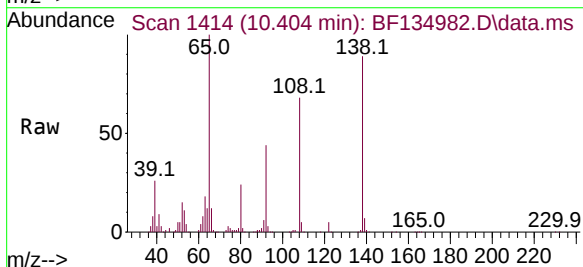
Instrument :
BNA_F
ClientSampleId :
PB155132BS

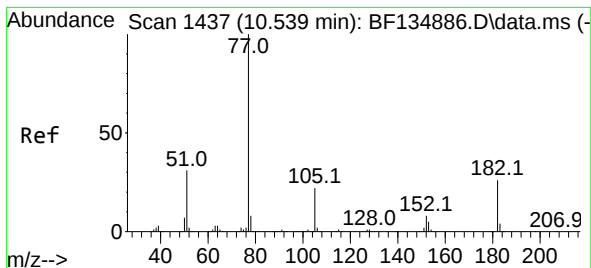
Tgt Ion:204 Resp: 326213
Ion Ratio Lower Upper
204 100
206 32.0 26.3 39.5
141 63.6 48.6 73.0



#62
4-Nitroaniline
Concen: 48.013 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion:138 Resp: 176797
Ion Ratio Lower Upper
138 100
92 49.7 32.5 72.5
108 76.6 58.6 98.6





#63

Azobenzene

Concen: 44.928 ng

RT: 10.533 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

Instrument :

BNA_F

ClientSampleId :

PB155132BS

Tgt Ion: 77 Resp: 668629

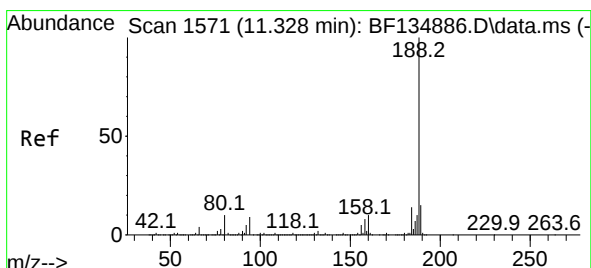
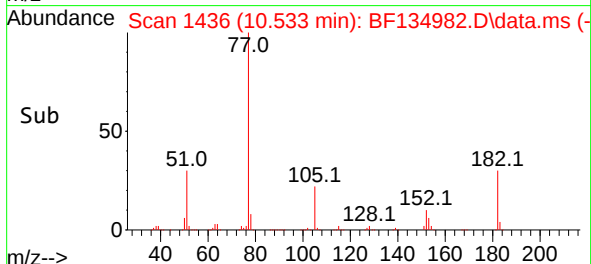
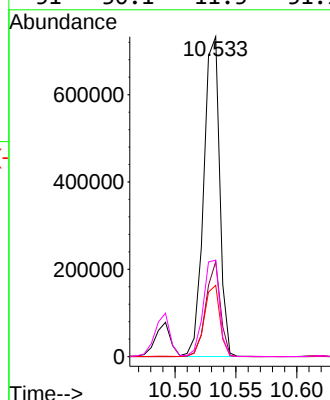
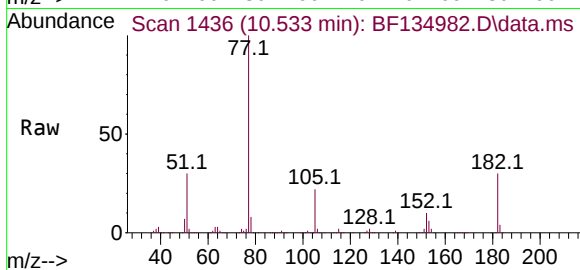
Ion Ratio Lower Upper

77 100

182 29.7 5.8 45.8

105 22.3 1.6 41.6

51 30.1 11.5 51.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.012 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

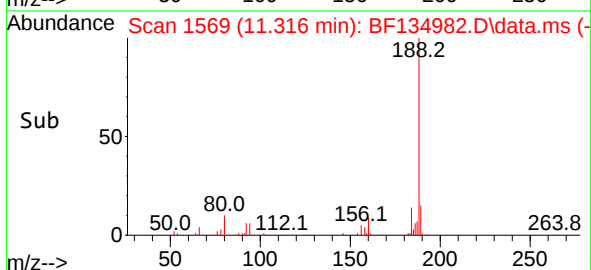
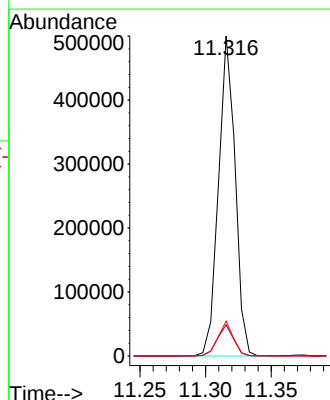
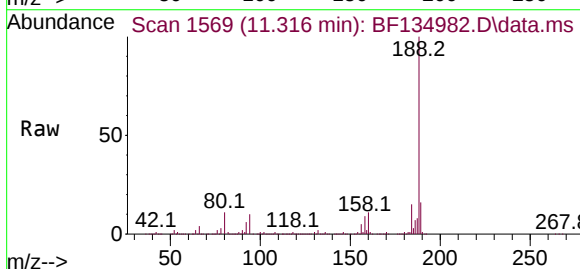
Tgt Ion: 188 Resp: 442279

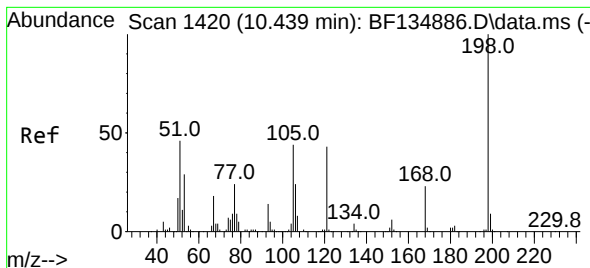
Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

80 10.9 7.8 11.6

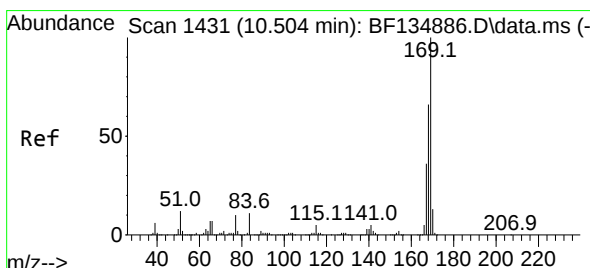
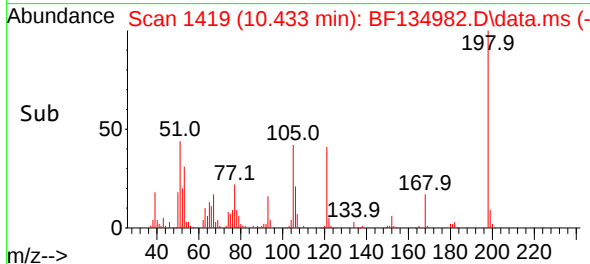
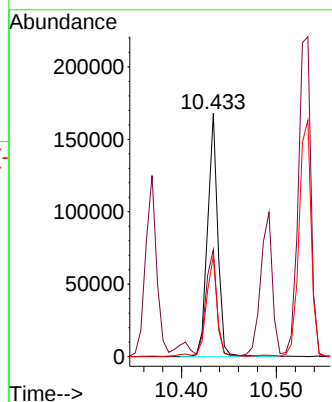
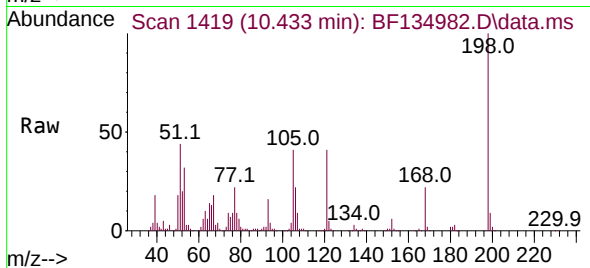




#65
4,6-Dinitro-2-methylphenol
Concen: 48.499 ng
RT: 10.433 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

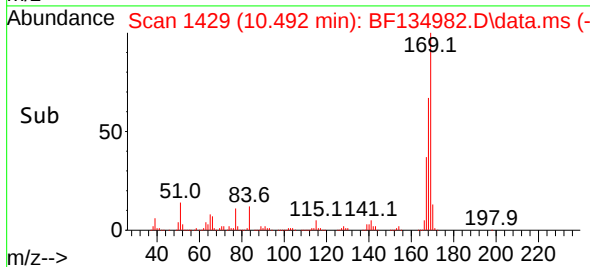
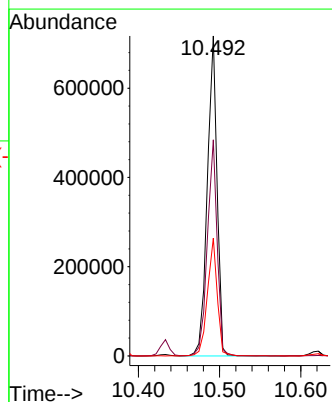
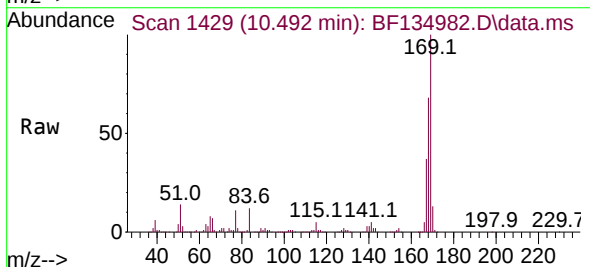
Instrument :
BNA_F
ClientSampleId :
PB155132BS

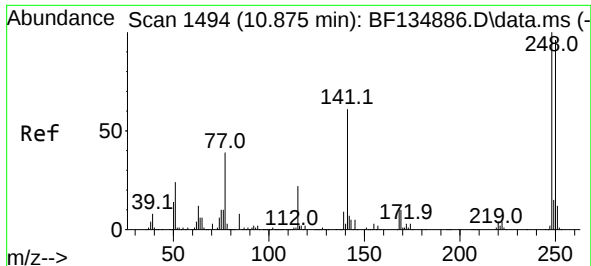
Tgt Ion:198 Resp: 126570
Ion Ratio Lower Upper
198 100
51 44.0 30.3 70.3
105 41.2 24.5 64.5



#66
n-Nitrosodiphenylamine
Concen: 42.274 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion:169 Resp: 602095
Ion Ratio Lower Upper
169 100
168 67.5 53.0 79.6
167 36.8 29.0 43.6

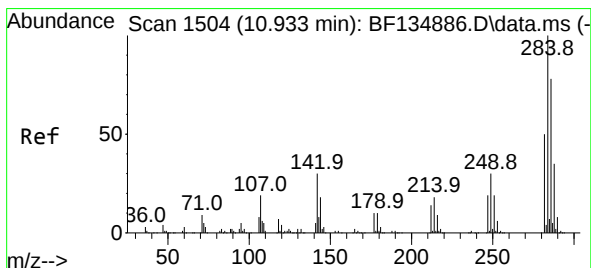
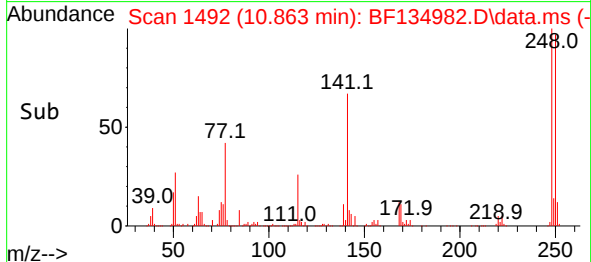
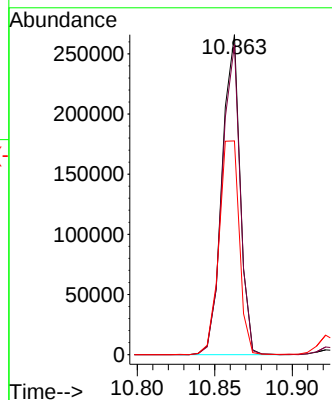
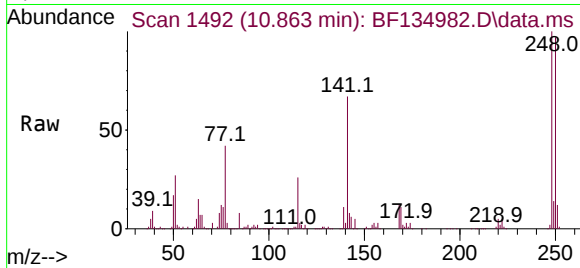




#67
4-Bromophenyl-phenylether
Concen: 42.218 ng
RT: 10.863 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

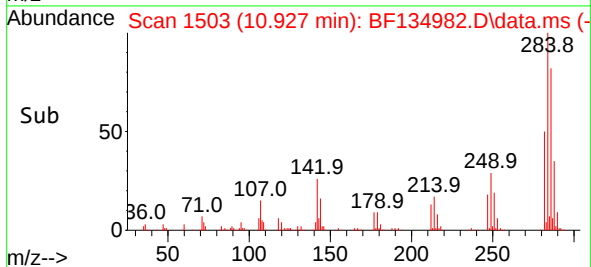
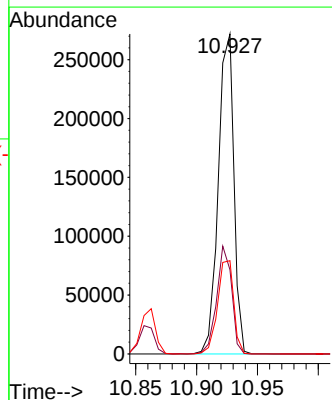
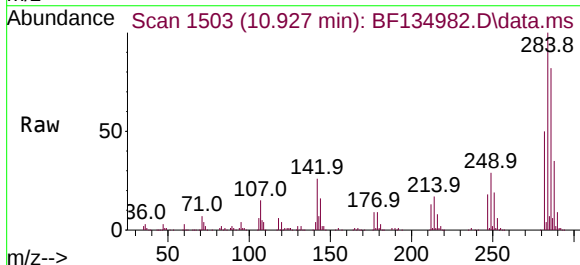
Instrument :
BNA_F
ClientSampleId :
PB155132BS

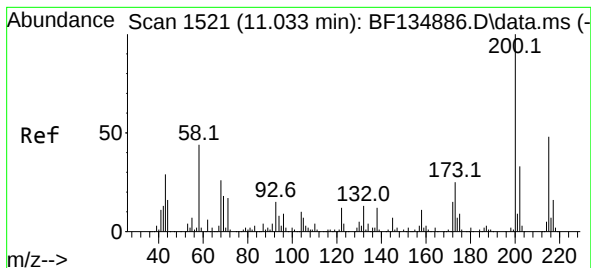
Tgt Ion:248 Resp: 215419
Ion Ratio Lower Upper
248 100
250 96.9 77.1 115.7
141 66.8 49.0 73.4



#68
Hexachlorobenzene
Concen: 44.744 ng
RT: 10.927 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion:284 Resp: 242817
Ion Ratio Lower Upper
284 100
142 26.3 23.9 35.9
249 29.1 24.1 36.1





#69

Atrazine

Concen: 54.757 ng

RT: 11.027 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

Instrument :

BNA_F

ClientSampleId :

PB155132BS

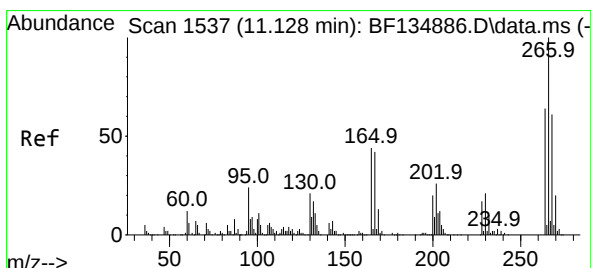
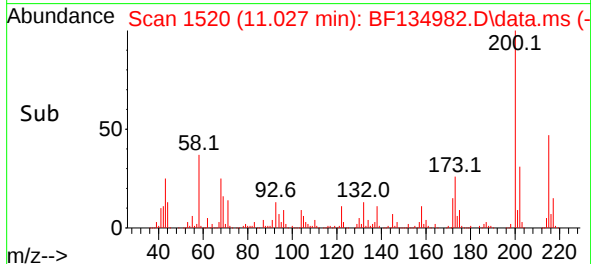
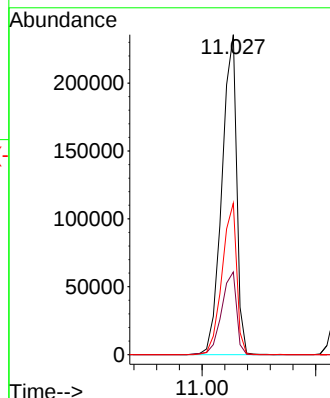
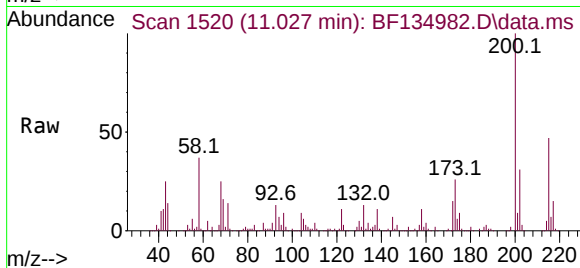
Tgt Ion:200 Resp: 211773

Ion Ratio Lower Upper

200 100

173 25.8 5.3 45.3

215 47.3 28.3 68.3



#70

Pentachlorophenol

Concen: 77.827 ng

RT: 11.122 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

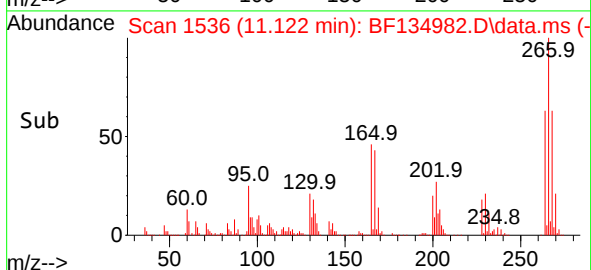
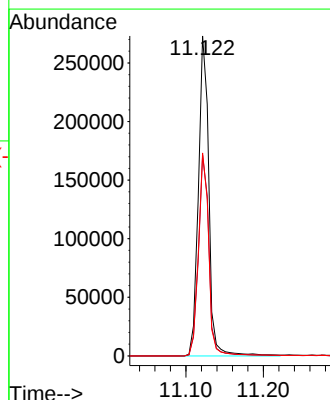
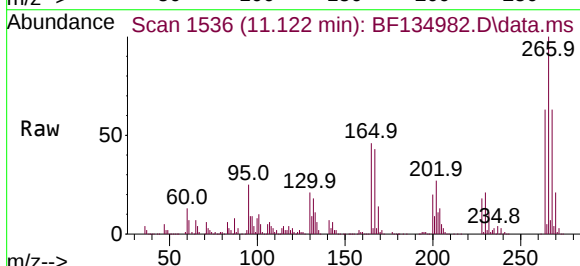
Tgt Ion:266 Resp: 254172

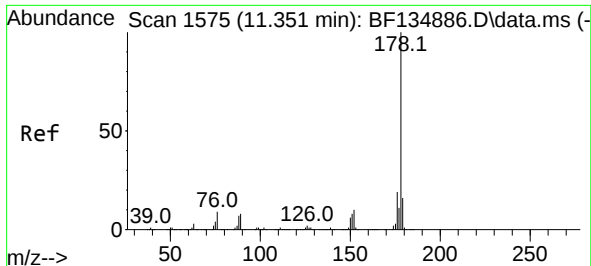
Ion Ratio Lower Upper

266 100

268 62.7 48.9 73.3

264 63.4 51.0 76.6

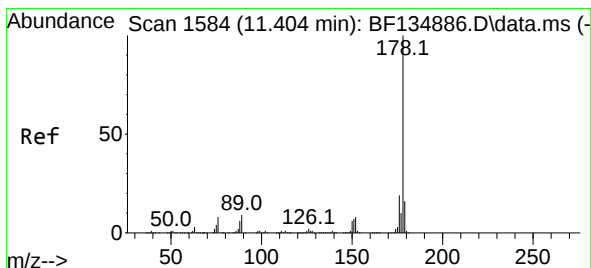
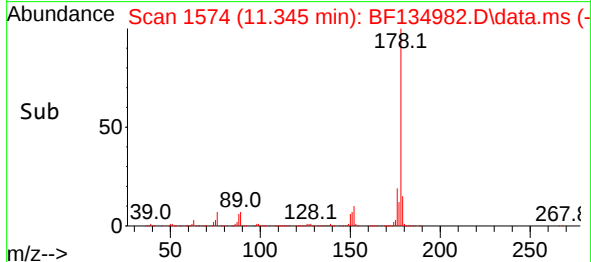
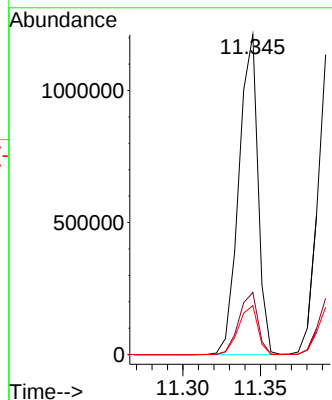
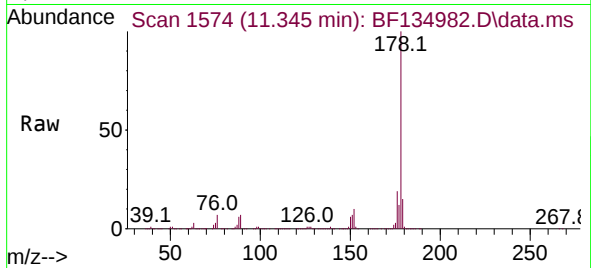




#71
Phenanthrene
Concen: 44.836 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

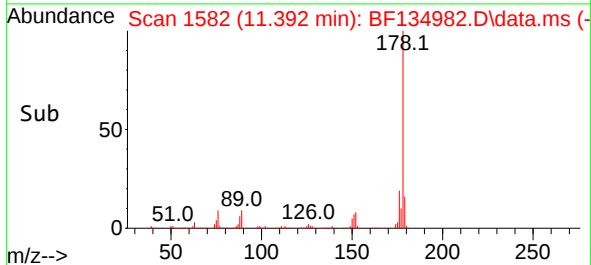
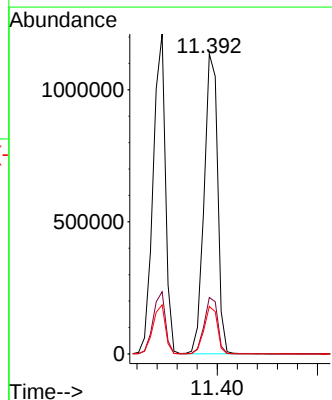
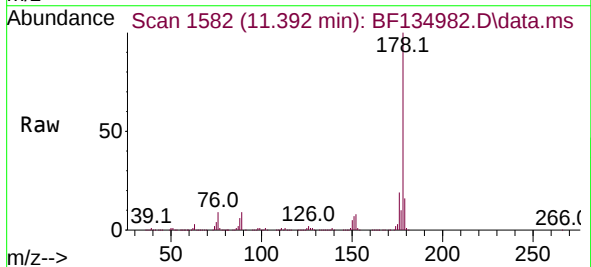
Instrument :
BNA_F
ClientSampleId :
PB155132BS

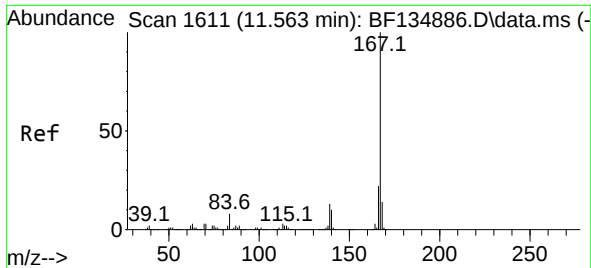
Tgt Ion:178 Resp: 1039130
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.3 12.6 19.0



#72
Anthracene
Concen: 44.626 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion:178 Resp: 1059692
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.8 12.5 18.7

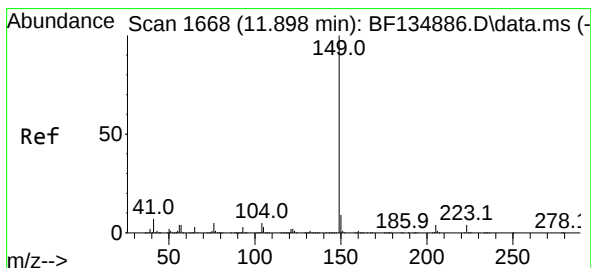
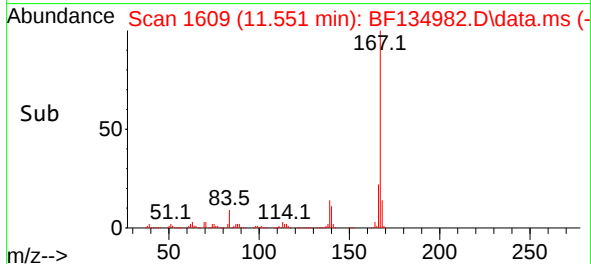
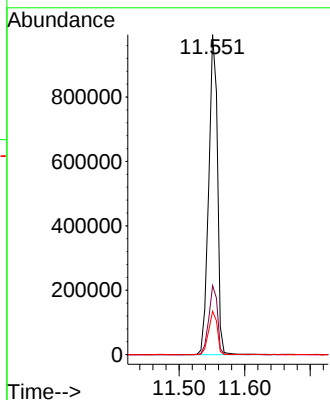
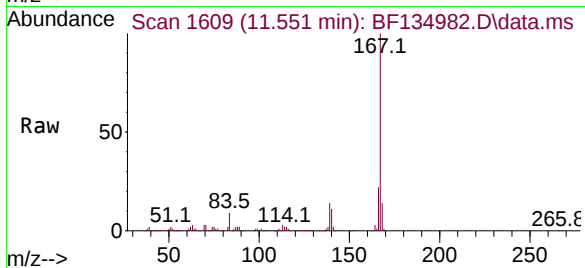




#73
Carbazole
Concen: 46.907 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

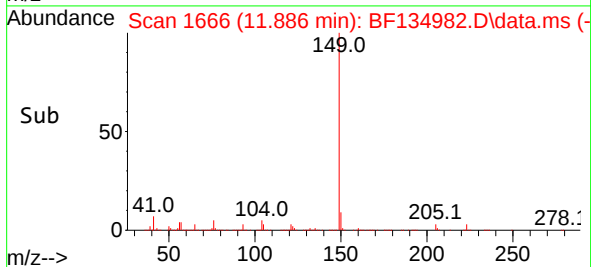
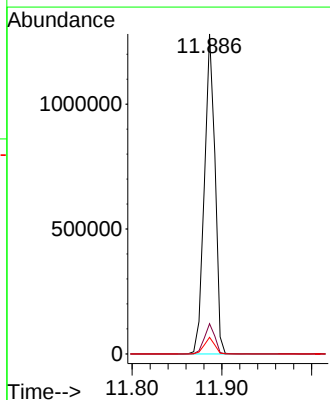
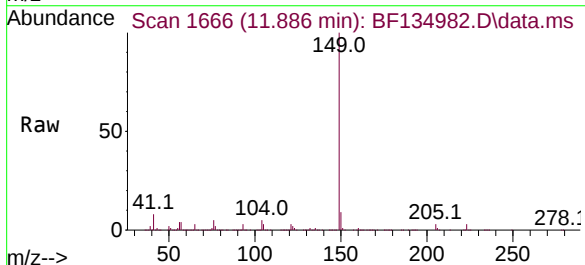
Instrument :
BNA_F
ClientSampleId :
PB155132BS

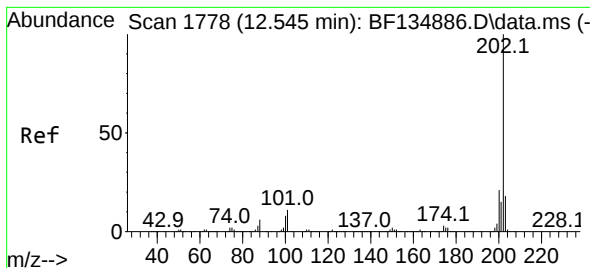
Tgt Ion:167 Resp: 917848
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.2
139 13.5 10.4 15.6



#74
Di-n-butylphthalate
Concen: 46.652 ng
RT: 11.886 min Scan# 1666
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion:149 Resp: 1046962
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 5.2 4.1 6.1

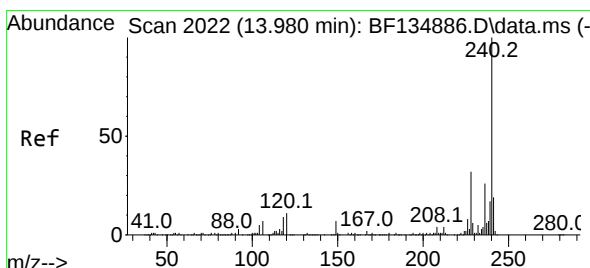
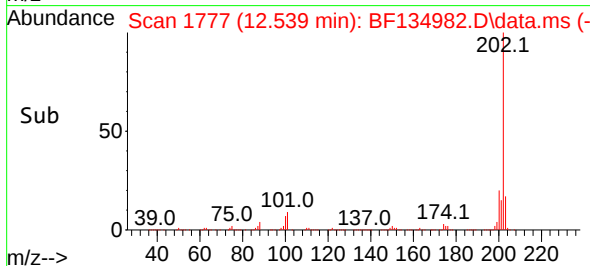
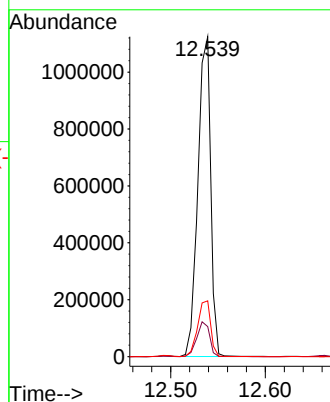
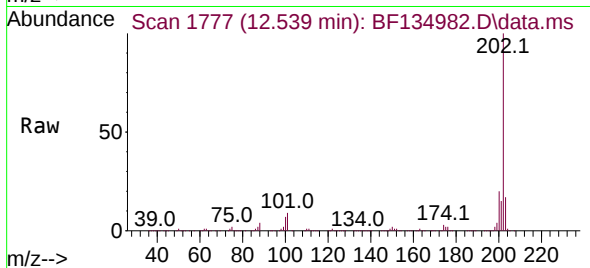




#75
Fluoranthene
Concen: 47.799 ng
RT: 12.539 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

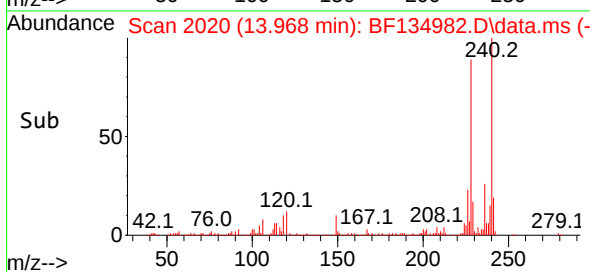
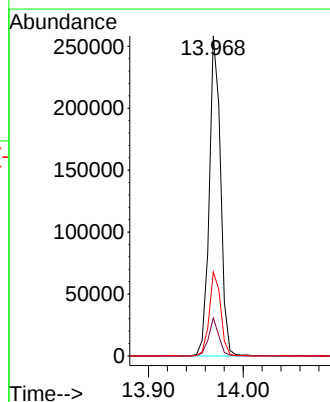
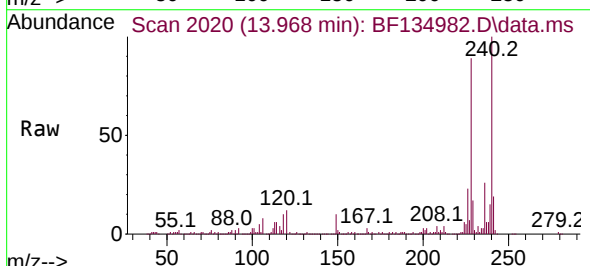
Instrument :
BNA_F
ClientSampleId :
PB155132BS

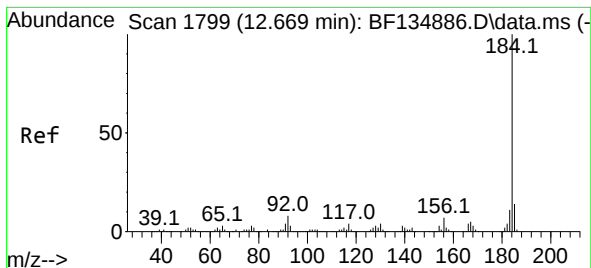
Tgt Ion:202 Resp: 1049642
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.5
203 17.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion:240 Resp: 214924
Ion Ratio Lower Upper
240 100
120 11.9 8.6 12.8
236 26.2 20.6 31.0





#77

Benzidine

Concen: 134.269 ng

RT: 12.663 min Scan# 1798

Delta R.T. -0.006 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

Instrument :

BNA_F

ClientSampleId :

PB155132BS

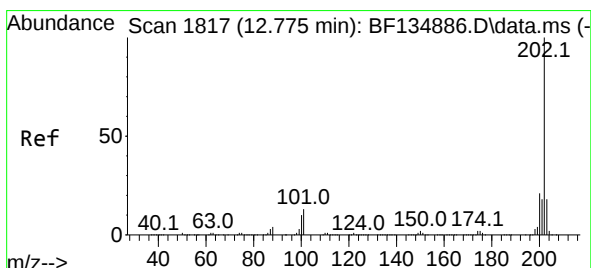
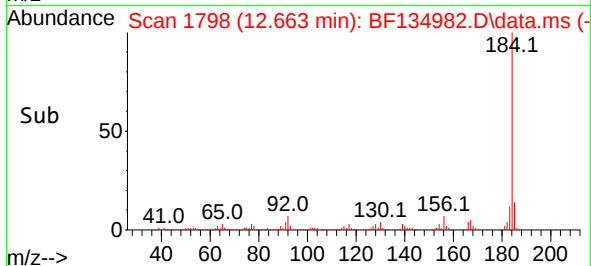
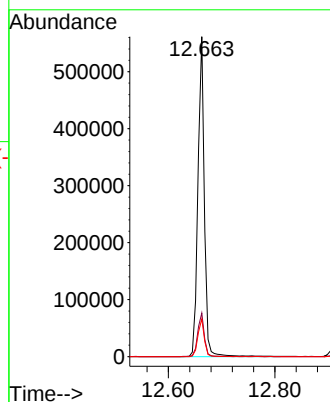
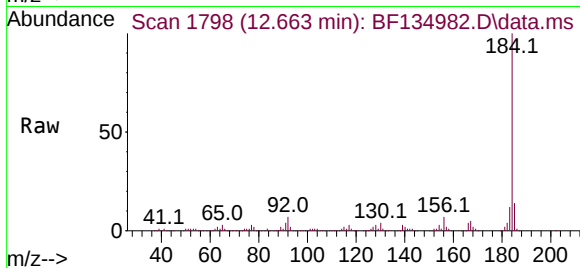
Tgt Ion:184 Resp: 468212

Ion Ratio Lower Upper

184 100

185 13.6 11.4 17.0

183 11.8 9.0 13.4



#78

Pyrene

Concen: 45.961 ng

RT: 12.768 min Scan# 1816

Delta R.T. -0.006 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

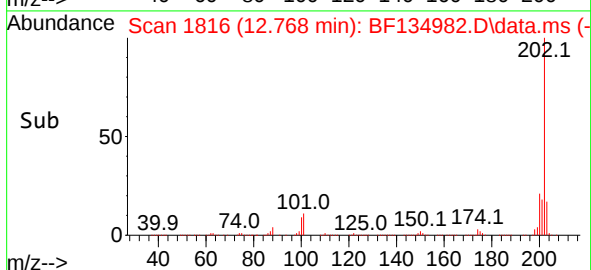
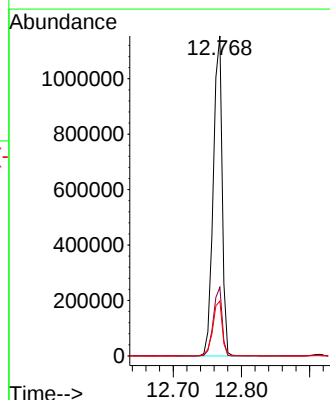
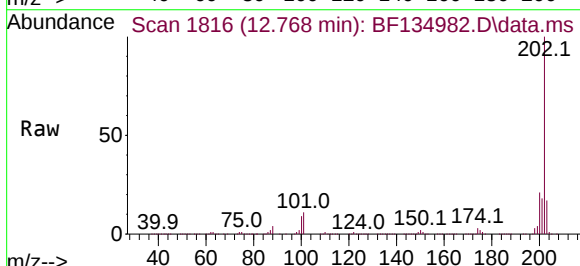
Tgt Ion:202 Resp: 1047346

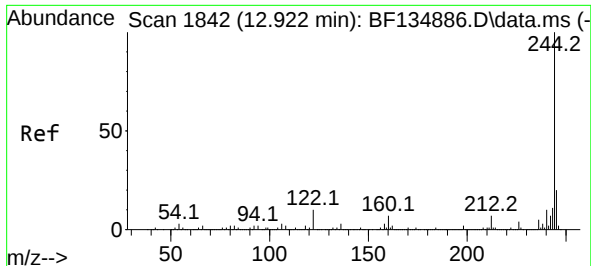
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 17.1 14.2 21.2





#79

Terphenyl-d14

Concen: 94.468 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134982.D

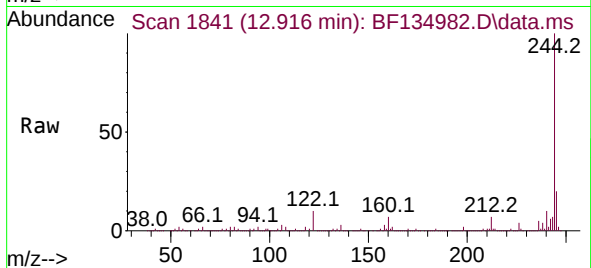
Acq: 29 Aug 2023 14:08

Instrument :

BNA_F

ClientSampleId :

PB155132BS



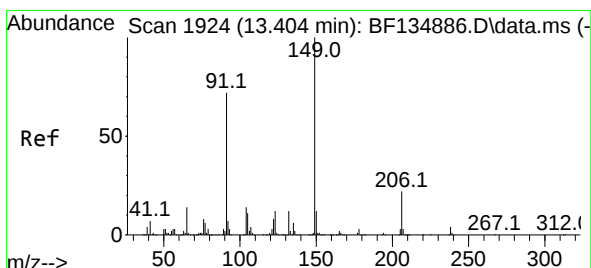
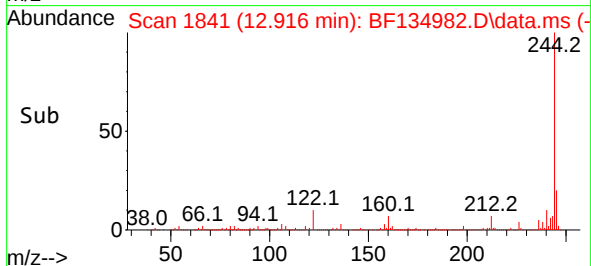
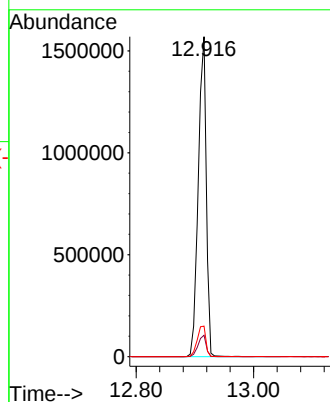
Tgt Ion:244 Resp: 1476181

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 9.5 8.2 12.4



#80

Butylbenzylphthalate

Concen: 51.705 ng

RT: 13.392 min Scan# 1922

Delta R.T. -0.012 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

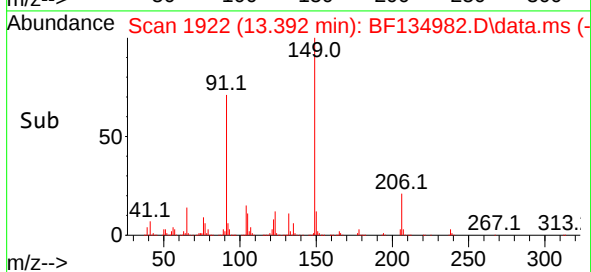
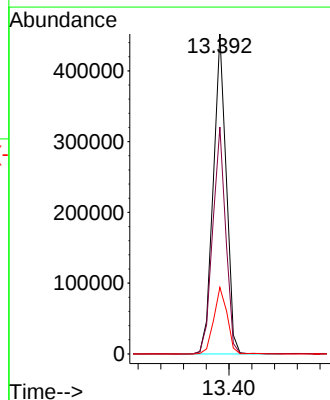
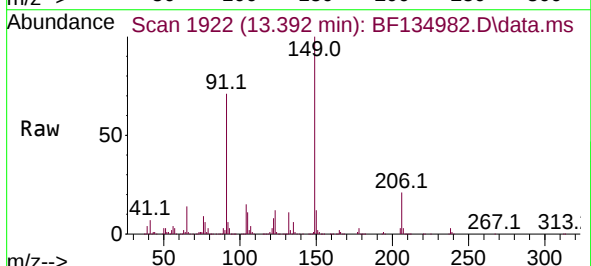
Tgt Ion:149 Resp: 358975

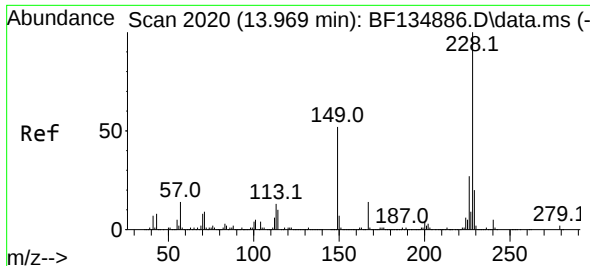
Ion Ratio Lower Upper

149 100

91 70.9 57.2 85.8

206 20.8 18.0 27.0

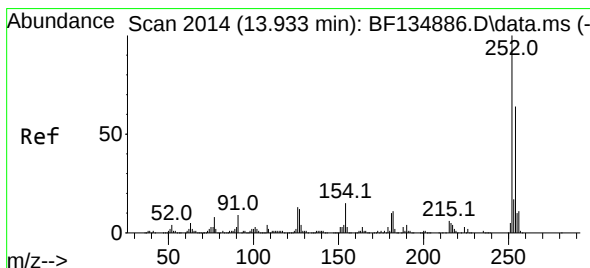
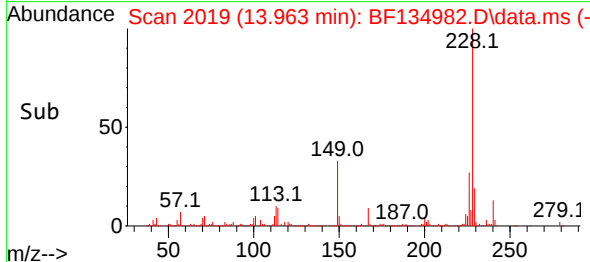
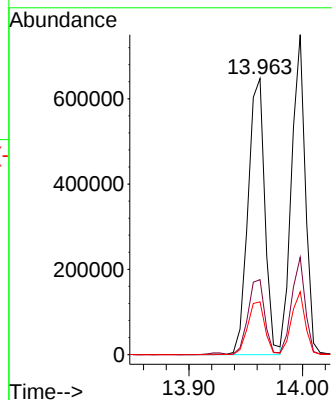
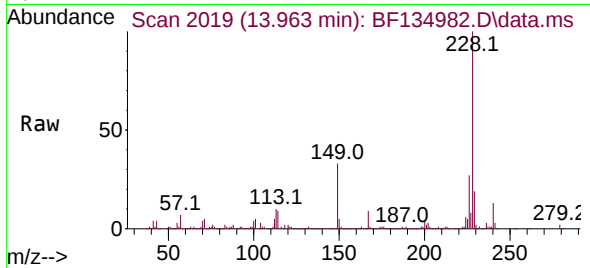




#81
Benzo(a)anthracene
Concen: 45.232 ng
RT: 13.963 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

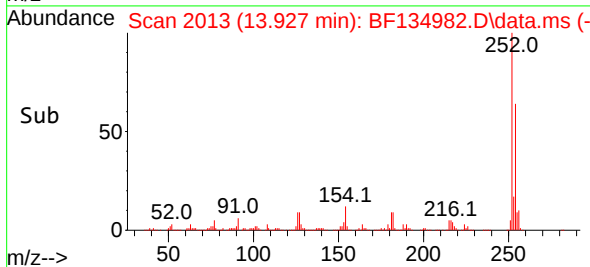
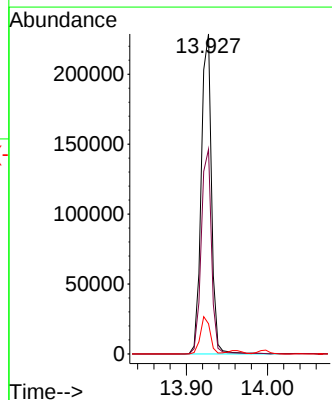
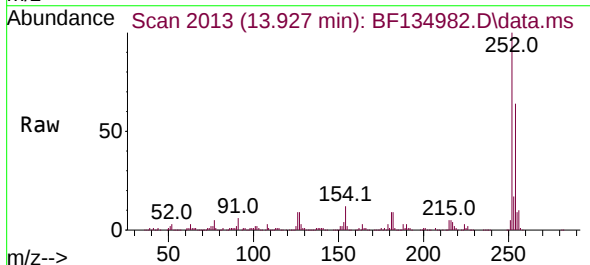
Instrument :
BNA_F
ClientSampleId :
PB155132BS

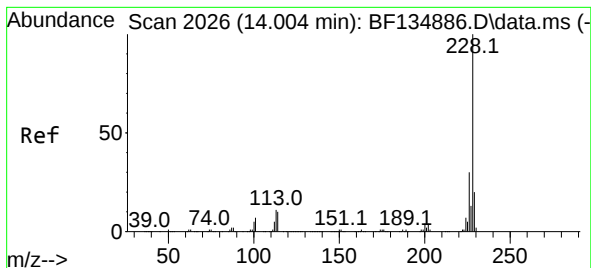
Tgt Ion:228 Resp: 663273
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.6
229 19.1 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 43.108 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion:252 Resp: 200070
Ion Ratio Lower Upper
252 100
254 63.9 51.6 77.4
126 9.4 10.3 15.5#





#83

Chrysene

Concen: 43.423 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

Instrument :

BNA_F

ClientSampleId :

PB155132BS

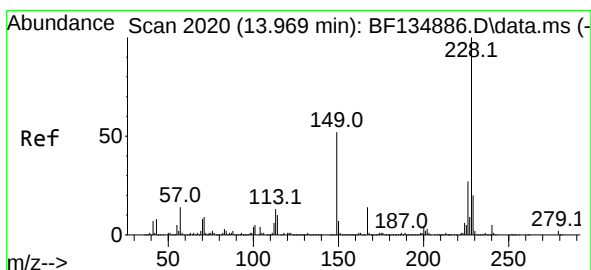
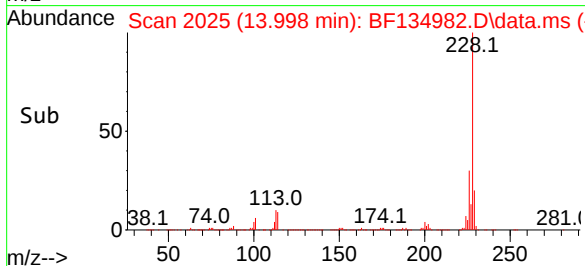
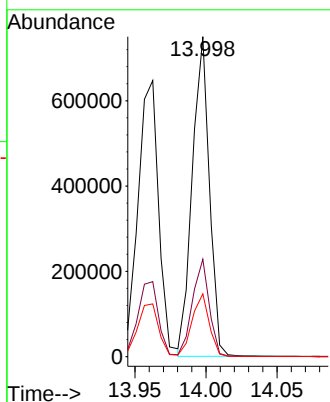
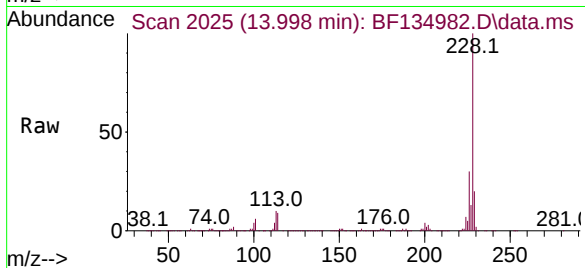
Tgt Ion:228 Resp: 628254

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.247 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

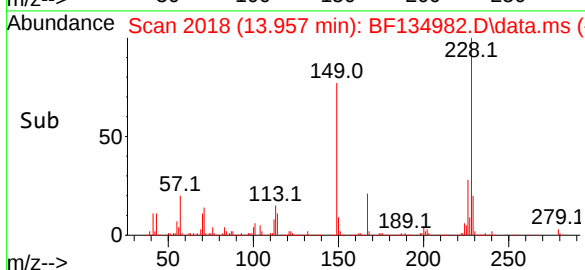
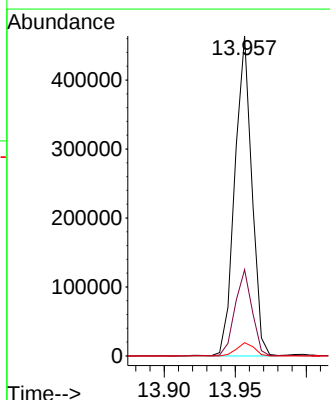
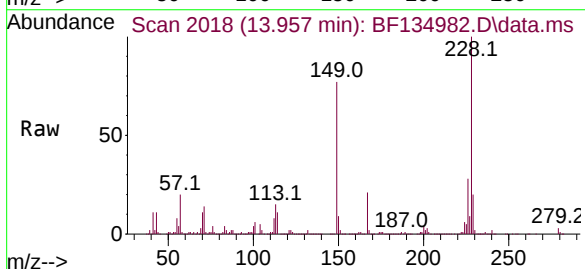
Tgt Ion:149 Resp: 385413

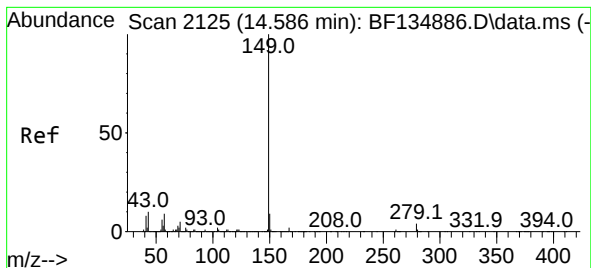
Ion Ratio Lower Upper

149 100

167 26.9 22.1 33.1

279 4.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 43.826 ng

RT: 14.574 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

Instrument :

BNA_F

ClientSampleId :

PB155132BS

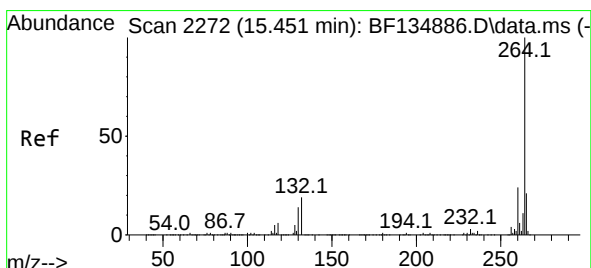
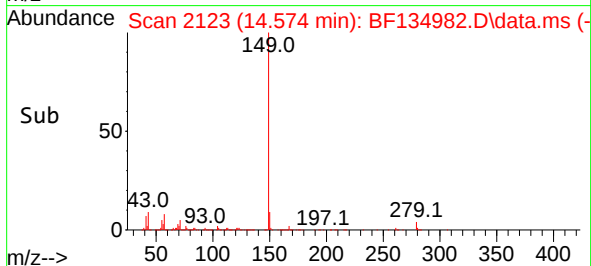
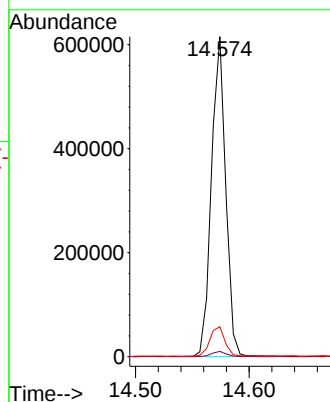
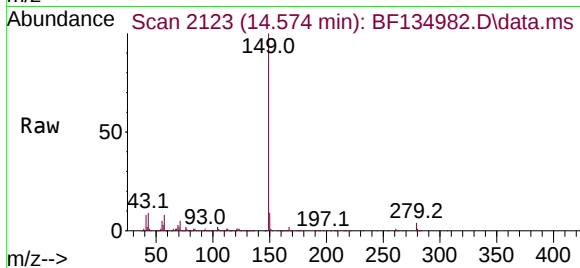
Tgt Ion:149 Resp: 537463

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.9 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.012 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

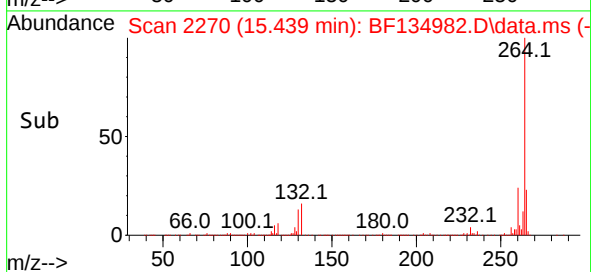
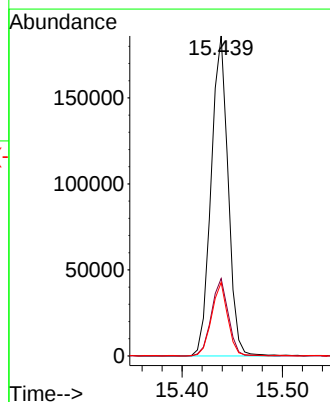
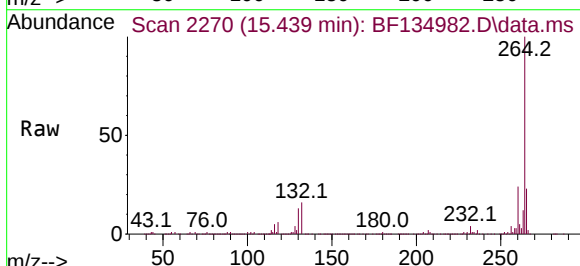
Tgt Ion:264 Resp: 218267

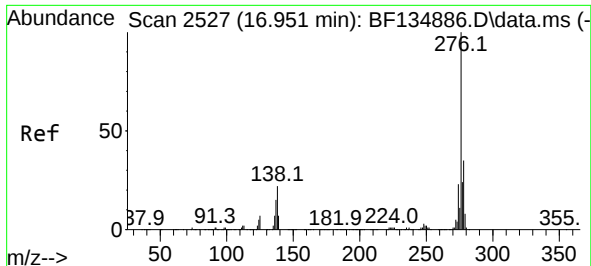
Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 22.9 17.1 25.7

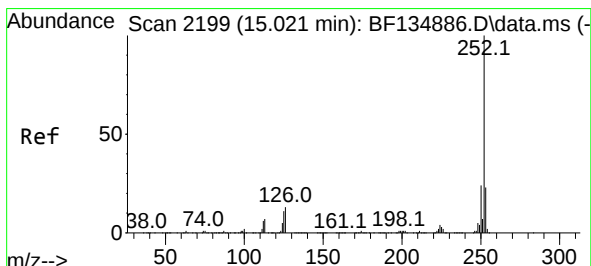
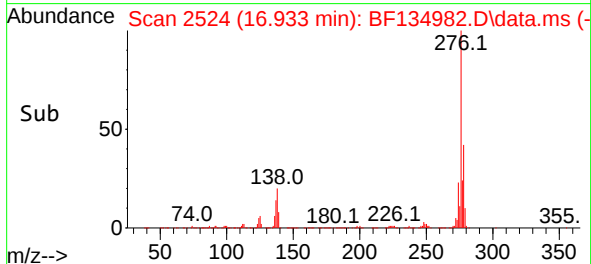
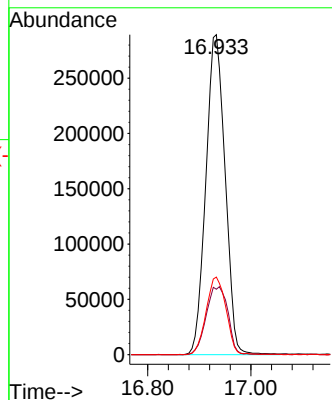
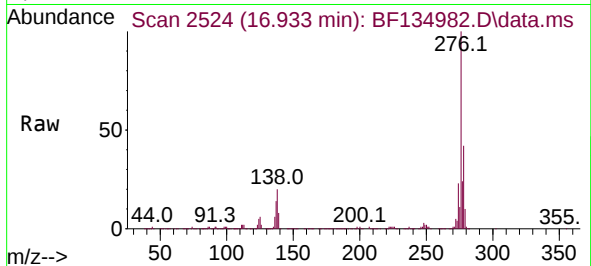




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.044 ng
RT: 16.933 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

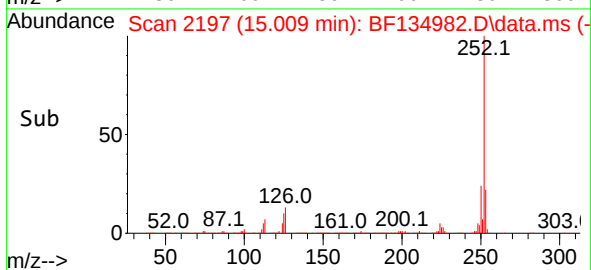
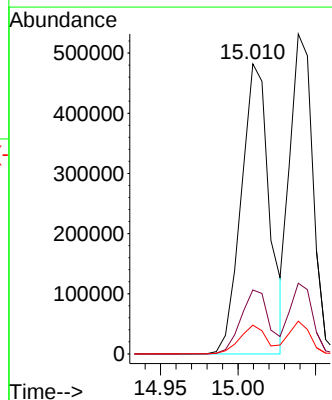
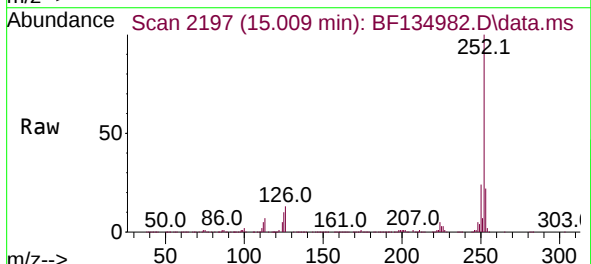
Instrument :
BNA_F
ClientSampleId :
PB155132BS

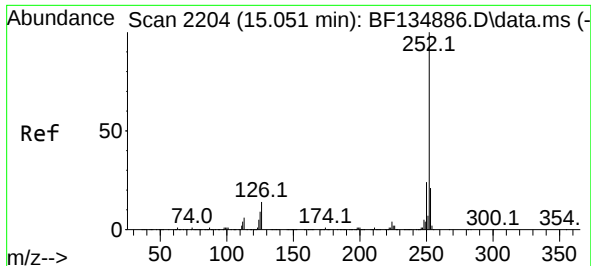
Tgt Ion:276 Resp: 749554
Ion Ratio Lower Upper
276 100
138 24.1 19.7 29.5
277 25.0 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 49.744 ng
RT: 15.009 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion:252 Resp: 612577
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 9.9 8.4 12.6





#89

Benzo(k)fluoranthene

Concen: 45.400 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

Instrument :

BNA_F

ClientSampleId :

PB155132BS

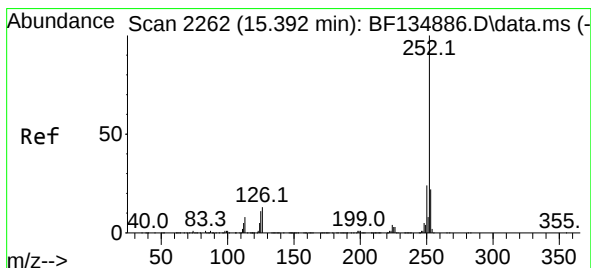
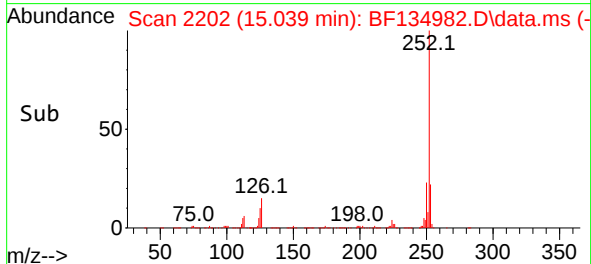
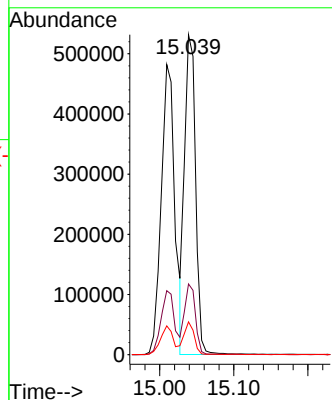
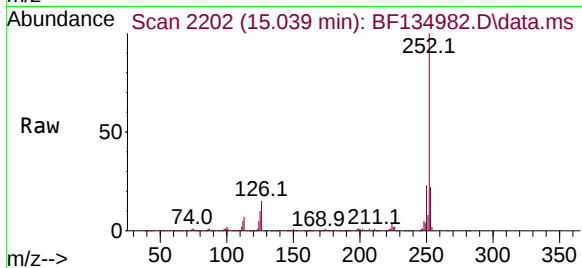
Tgt Ion:252 Resp: 548997

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 10.2 8.0 12.0



#90

Benzo(a)pyrene

Concen: 43.823 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.012 min

Lab File: BF134982.D

Acq: 29 Aug 2023 14:08

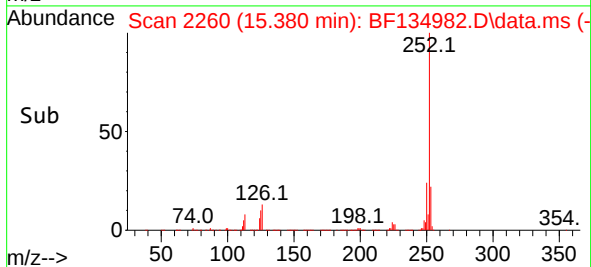
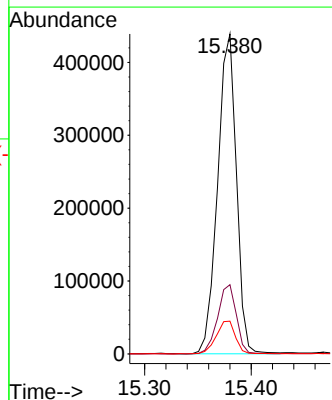
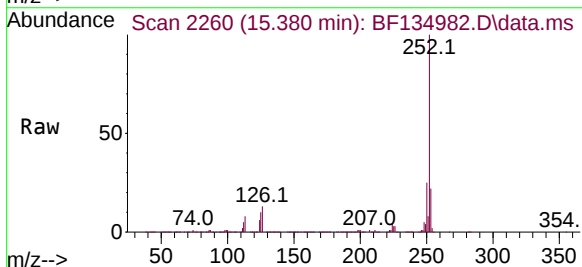
Tgt Ion:252 Resp: 538731

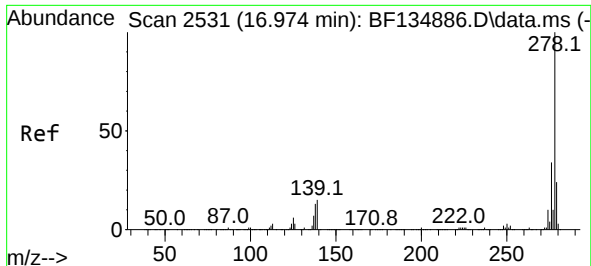
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 10.2 8.4 12.6

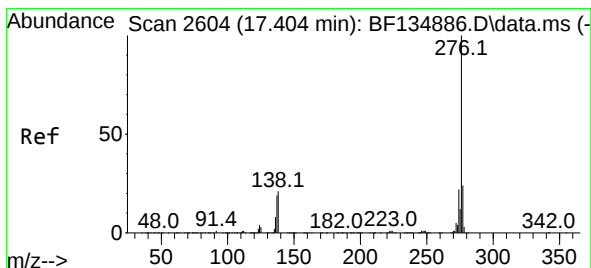
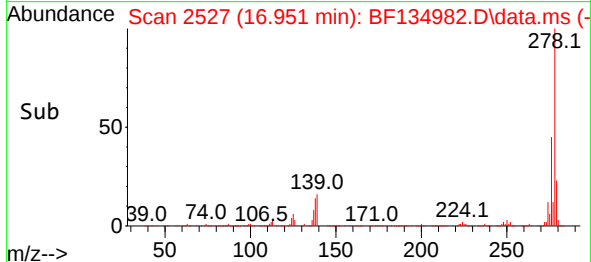
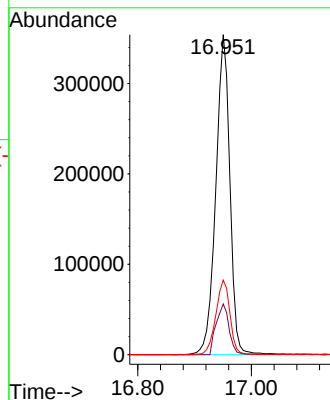
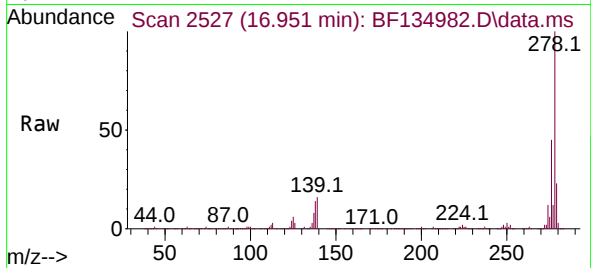




#91
Dibenzo(a,h)anthracene
Concen: 48.135 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Instrument :
BNA_F
ClientSampleId :
PB155132BS

Tgt Ion:278 Resp: 607626
Ion Ratio Lower Upper
278 100
139 15.8 12.2 18.4
279 23.3 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 47.308 ng
RT: 17.386 min Scan# 2601
Delta R.T. -0.018 min
Lab File: BF134982.D
Acq: 29 Aug 2023 14:08

Tgt Ion:276 Resp: 611329
Ion Ratio Lower Upper
276 100
277 23.4 19.2 28.8
138 21.0 17.0 25.6

