

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134983.D
 Acq On : 29 Aug 2023 14:41
 Operator : CG\JU
 Sample : PB155083BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155083BS

Quant Time: Aug 29 22:25:50 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	113617	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	469135	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	248499	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	467384	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	229856	20.000	ng	-0.01
86) Perylene-d12	15.439	264	221402	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	918176	128.869	ng	0.00
7) Phenol-d6	6.434	99	1158293	127.225	ng	0.00
23) Nitrobenzene-d5	7.351	82	750588	88.162	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	368395	125.874	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1377105	85.669	ng	-0.01
79) Terphenyl-d14	12.916	244	1532906	91.725	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.593	88	113665	36.760	ng	98
3) Pyridine	3.351	79	294043	35.288	ng	98
4) n-Nitrosodimethylamine	3.310	42	173603	47.122	ng	99
6) Aniline	6.451	93	471261	41.881	ng	# 89
8) 2-Chlorophenol	6.575	128	373924	50.015	ng	97
9) Benzaldehyde	6.340	77	226364	45.334	ng	97
10) Phenol	6.445	94	445210	47.763	ng	90
11) bis(2-Chloroethyl)ether	6.528	93	334780	47.348	ng	99
12) 1,3-Dichlorobenzene	6.728	146	383473	49.179	ng	99
13) 1,4-Dichlorobenzene	6.804	146	387019	49.590	ng	98
14) 1,2-Dichlorobenzene	6.957	146	372102	51.438	ng	97
15) Benzyl Alcohol	6.934	79	323909	51.204	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.063	45	473817	46.276	ng	99
17) 2-Methylphenol	7.045	107	294126	45.458	ng	98
18) Hexachloroethane	7.292	117	141839	50.217	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	244586	45.999	ng	99
20) 3+4-Methylphenols	7.198	107	351567	45.842	ng	98
22) Acetophenone	7.198	105	479101	46.205	ng	99
24) Nitrobenzene	7.369	77	385586	45.135	ng	98
25) Isophorone	7.610	82	693569	43.627	ng	99
26) 2-Nitrophenol	7.686	139	200038	47.034	ng	95
27) 2,4-Dimethylphenol	7.728	122	322126	46.437	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	419197	44.242	ng	99
29) 2,4-Dichlorophenol	7.928	162	312329	45.569	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	337328	46.359	ng	98
31) Naphthalene	8.086	128	1067457	45.569	ng	100
32) Benzoic acid	7.857	122	239624	46.808	ng	96
33) 4-Chloroaniline	8.139	127	362817	36.098	ng	97
34) Hexachlorobutadiene	8.204	225	200538	46.339	ng	98
35) Caprolactam	8.516	113	49497	23.134	ng	96
36) 4-Chloro-3-methylphenol	8.628	107	342337	47.331	ng	97
37) 2-Methylnaphthalene	8.781	142	688614	44.080	ng	99
38) 1-Methylnaphthalene	8.881	142	637499	43.641	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	327767	43.286	ng	99
41) Hexachlorocyclopentadiene	8.933	237	353317	105.390	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	222895	44.571	ng	97

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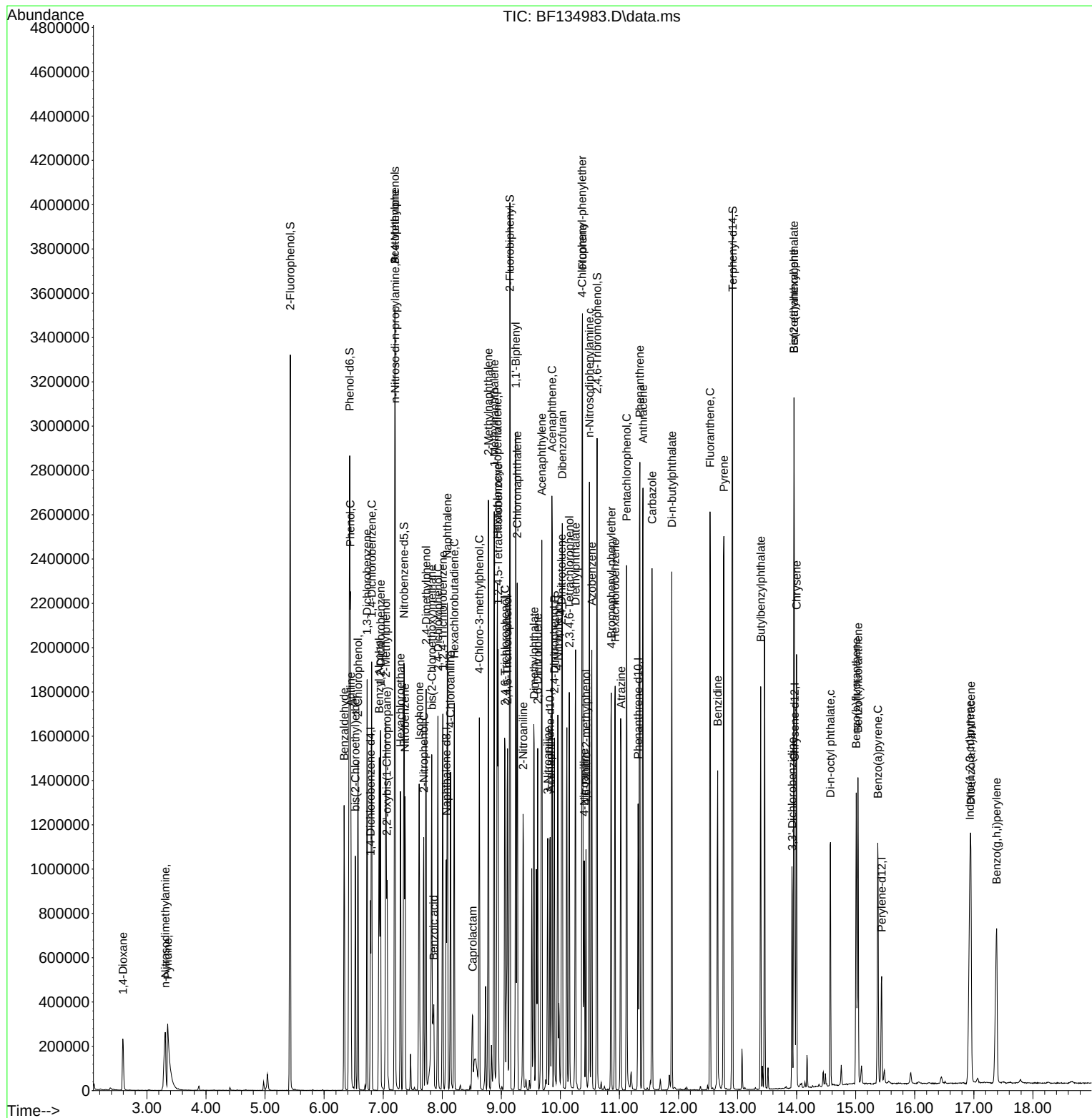
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	241656	41.738	ng	98
46) 1,1'-Biphenyl	9.245	154	851410	43.398	ng	100
47) 2-Chloronaphthalene	9.269	162	653763	44.622	ng	97
48) 2-Nitroaniline	9.369	65	220198	45.721	ng	94
49) Acenaphthylene	9.686	152	1011862	44.846	ng	100
50) Dimethylphthalate	9.557	163	775011	43.815	ng	98
51) 2,6-Dinitrotoluene	9.616	165	178757	45.820	ng	94
52) Acenaphthene	9.857	154	625032	43.973	ng	99
53) 3-Nitroaniline	9.786	138	167831	39.386	ng	97
54) 2,4-Dinitrophenol	9.898	184	196328	106.358	ng	# 86
55) Dibenzofuran	10.033	168	904874	43.725	ng	97
56) 4-Nitrophenol	9.957	139	288540	97.167	ng	92
57) 2,4-Dinitrotoluene	10.022	165	227728	47.200	ng	90
58) Fluorene	10.375	166	709120	45.178	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	210376	46.637	ng	99
60) Diethylphthalate	10.257	149	732013	45.169	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	350058	44.490	ng	97
62) 4-Nitroaniline	10.404	138	185466	46.560	ng	97
63) Azobenzene	10.533	77	714773	44.398	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	135967	49.302	ng	95
66) n-Nitrosodiphenylamine	10.492	169	638026	42.391	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	225777	41.871	ng	92
68) Hexachlorobenzene	10.927	284	261461	45.592	ng	95
69) Atrazine	11.027	200	223052	54.575	ng	99
70) Pentachlorophenol	11.122	266	269597	78.116	ng	98
71) Phenanthrene	11.345	178	1089368	44.479	ng	99
72) Anthracene	11.398	178	1106658	44.100	ng	100
73) Carbazole	11.551	167	956756	46.269	ng	99
74) Di-n-butylphthalate	11.886	149	1079883	45.534	ng	100
75) Fluoranthene	12.533	202	1100905	47.440	ng	99
77) Benzidine	12.663	184	496193	133.050	ng	99
78) Pyrene	12.769	202	1087782	44.635	ng	100
80) Butylbenzylphthalate	13.392	149	373068	50.244	ng	99
81) Benzo(a)anthracene	13.957	228	698748	44.556	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	210085	42.325	ng	# 98
83) Chrysene	13.998	228	662252	42.799	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	408691	50.812	ng	99
85) Di-n-octyl phthalate	14.574	149	563389	42.955	ng	98
87) Indeno(1,2,3-cd)pyrene	16.933	276	740119	46.767	ng	99
88) Benzo(b)fluoranthene	15.010	252	598389	47.904	ng	98
89) Benzo(k)fluoranthene	15.039	252	597322	48.696	ng	99
90) Benzo(a)pyrene	15.374	252	549965	44.103	ng	100
91) Dibenzo(a,h)anthracene	16.951	278	598688	46.755	ng	100
92) Benzo(g,h,i)perylene	17.386	276	602805	45.987	ng	98

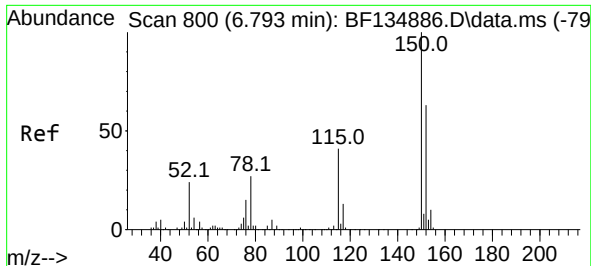
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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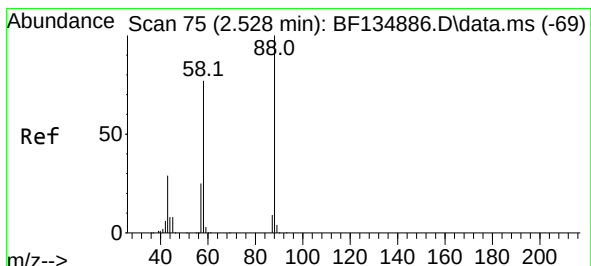
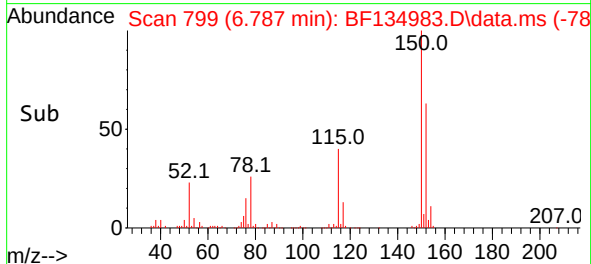
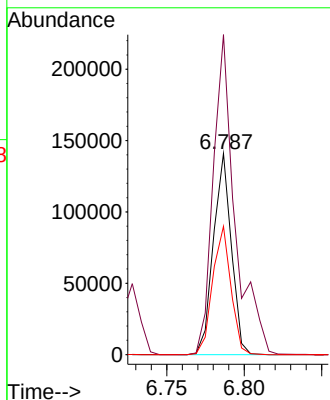
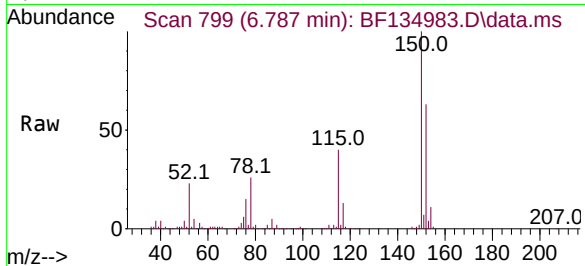




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF134983.D
 Acq: 29 Aug 2023 14:41

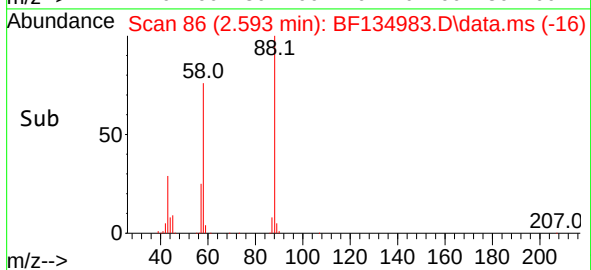
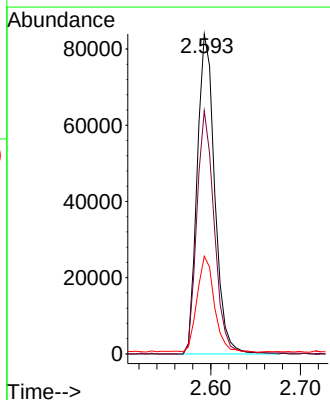
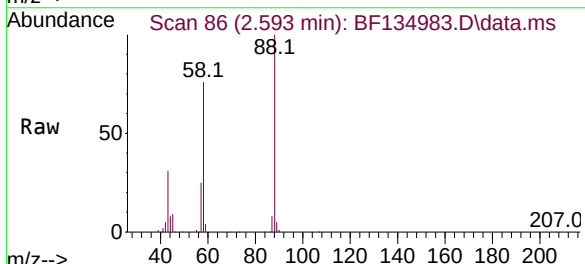
Instrument :
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 ClientSampleId :
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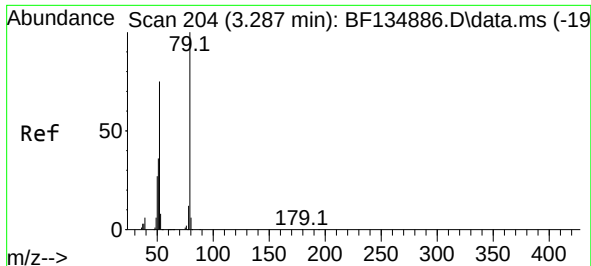
Tgt Ion:152 Resp: 113617
 Ion Ratio Lower Upper
 152 100
 150 159.0 126.1 189.1
 115 63.7 51.1 76.7



#2
 1,4-Dioxane
 Concen: 36.760 ng
 RT: 2.593 min Scan# 86
 Delta R.T. 0.065 min
 Lab File: BF134983.D
 Acq: 29 Aug 2023 14:41

Tgt Ion: 88 Resp: 113665
 Ion Ratio Lower Upper
 88 100
 58 75.8 62.6 93.8
 43 29.8 23.3 34.9

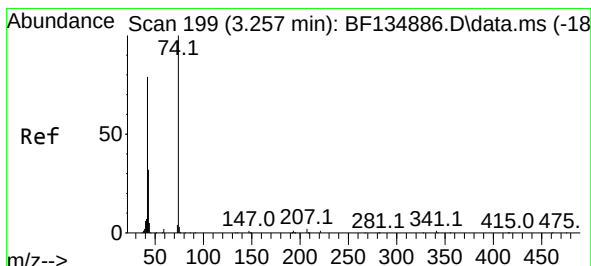
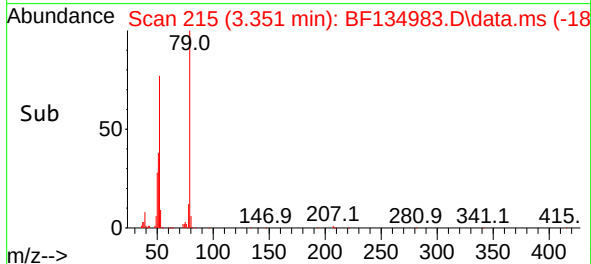
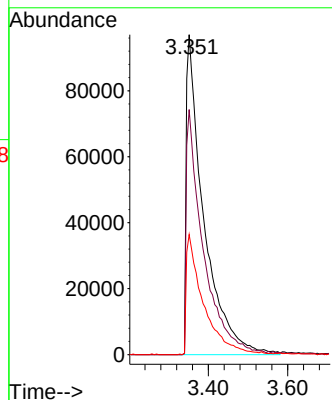
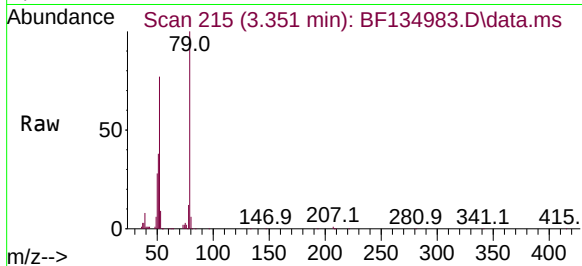




#3
 Pyridine
 Concen: 35.288 ng
 RT: 3.351 min Scan# 21
 Delta R.T. 0.065 min
 Lab File: BF134983.D
 Acq: 29 Aug 2023 14:41

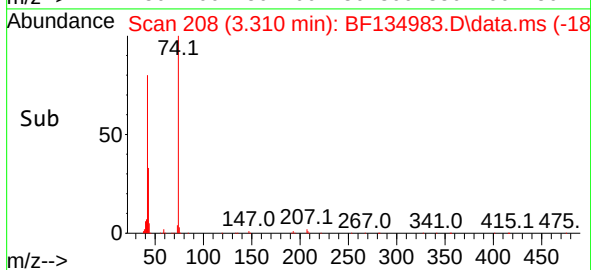
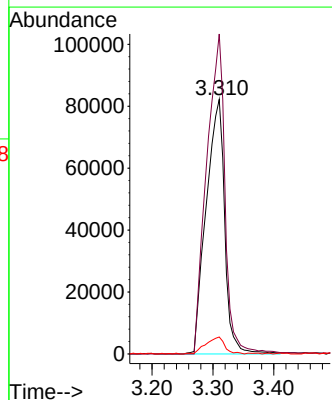
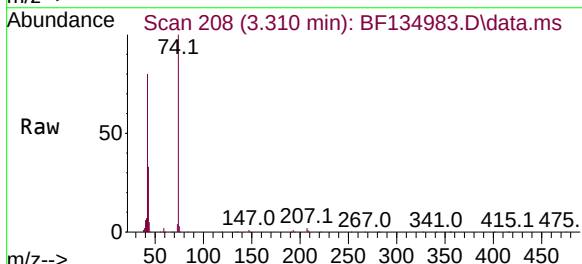
Instrument :
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 ClientSampleId :
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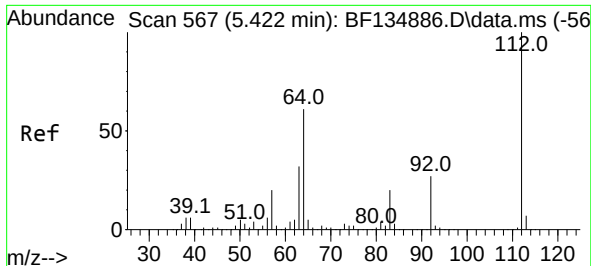
Tgt Ion: 79 Resp: 294043
 Ion Ratio Lower Upper
 79 100
 52 76.6 60.1 90.1
 51 37.5 29.4 44.0



#4
 n-Nitrosodimethylamine
 Concen: 47.122 ng
 RT: 3.310 min Scan# 208
 Delta R.T. 0.053 min
 Lab File: BF134983.D
 Acq: 29 Aug 2023 14:41

Tgt Ion: 42 Resp: 173603
 Ion Ratio Lower Upper
 42 100
 74 125.8 101.8 152.8
 44 6.7 5.4 8.0

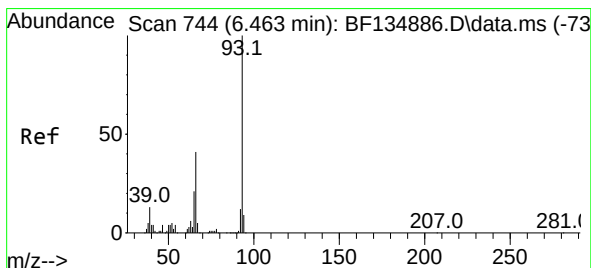
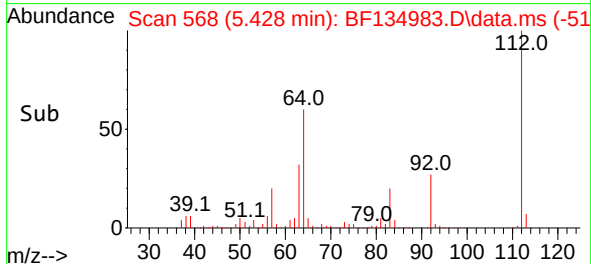
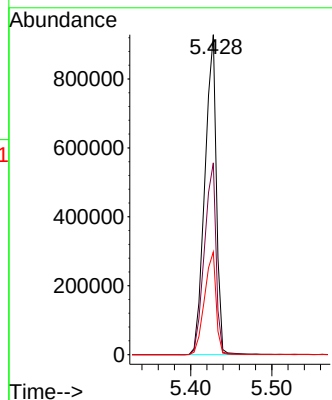
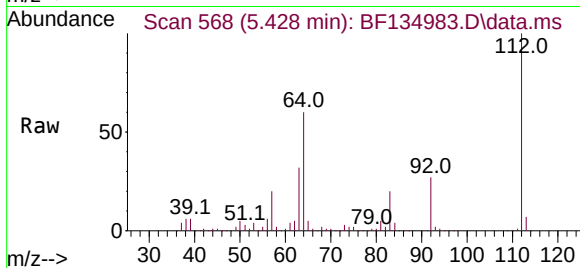




#5
2-Fluorophenol
Concen: 128.869 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

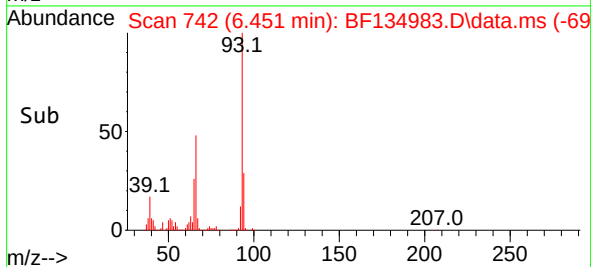
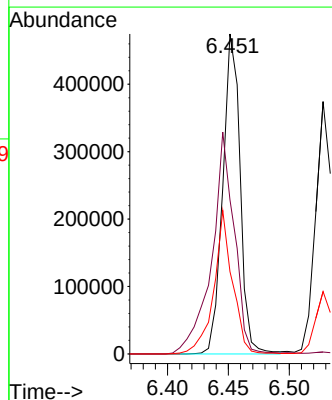
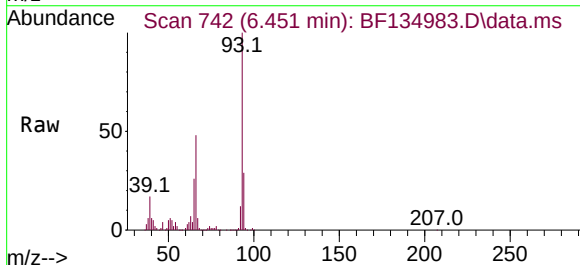
Instrument :
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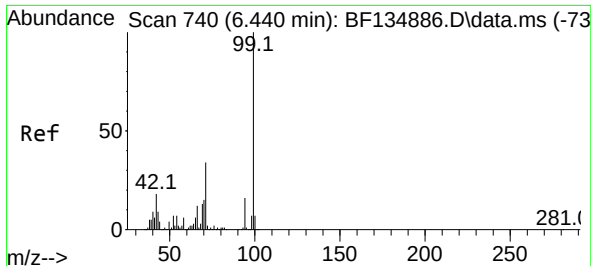
Tgt Ion:112 Resp: 918176
Ion Ratio Lower Upper
112 100
64 59.9 48.6 73.0
63 32.1 25.7 38.5



#6
Aniline
Concen: 41.881 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion: 93 Resp: 471261
Ion Ratio Lower Upper
93 100
66 48.2 32.7 49.1
65 25.7 16.7 25.1#



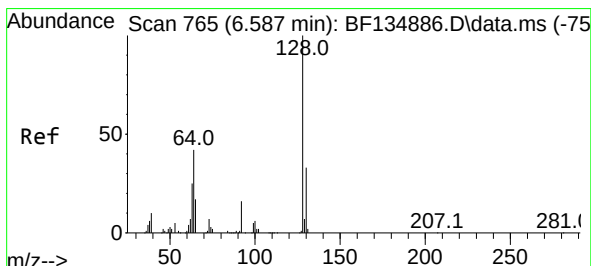
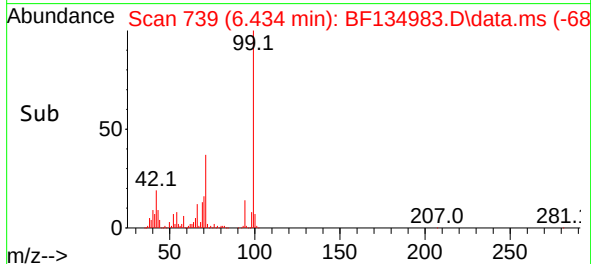
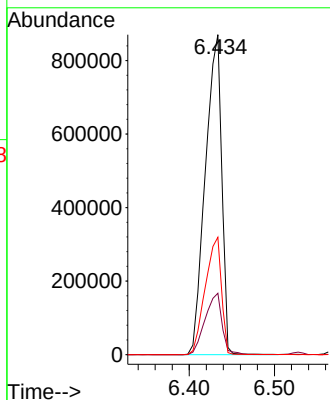
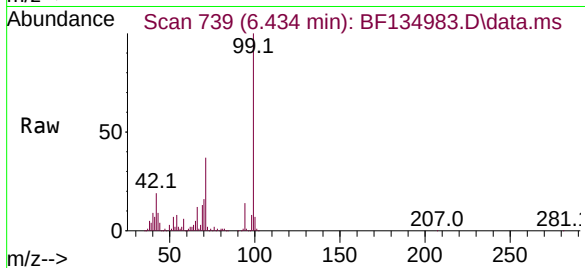


#7
Phenol-d6
Concen: 127.225 ng
RT: 6.434 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 1158293

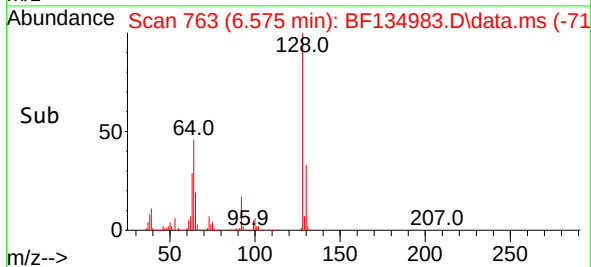
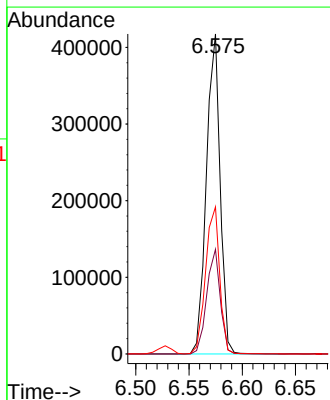
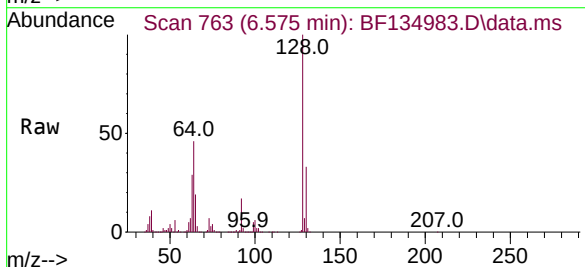
Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.6	22.0
71	36.7	27.6	41.4

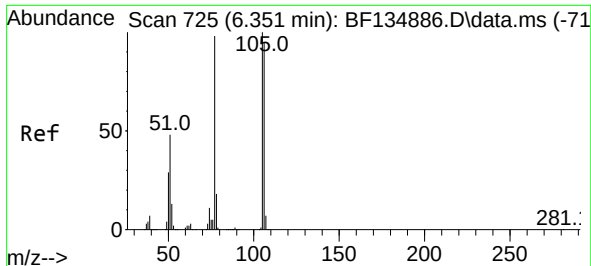


#8
2-Chlorophenol
Concen: 50.015 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion: 128 Resp: 373924

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.0	53.0
64	45.9	23.4	63.4





#9

Benzaldehyde

Concen: 45.334 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.011 min

Lab File: BF134983.D

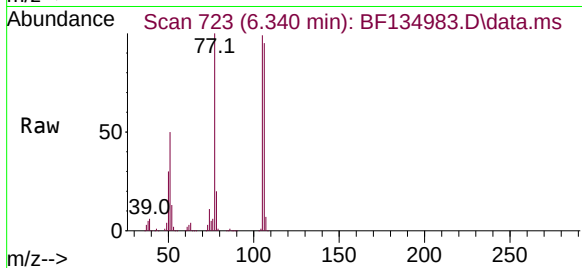
Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

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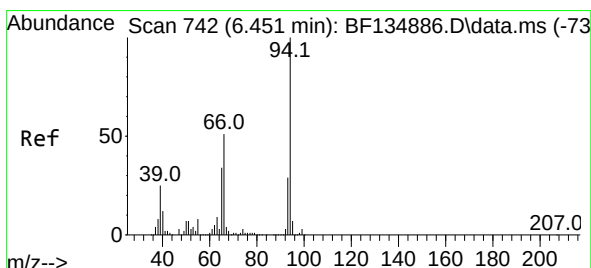
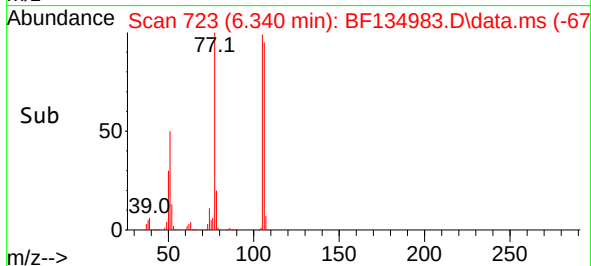
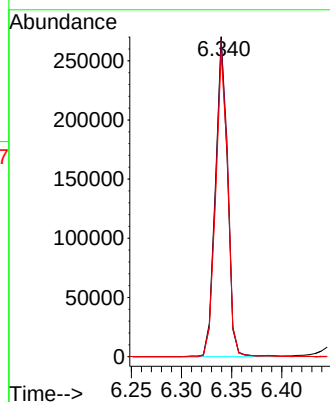
Tgt Ion: 77 Resp: 226364

Ion Ratio Lower Upper

77 100

105 99.0 82.4 122.4

106 94.7 77.2 117.2



#10

Phenol

Concen: 47.763 ng

RT: 6.445 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF134983.D

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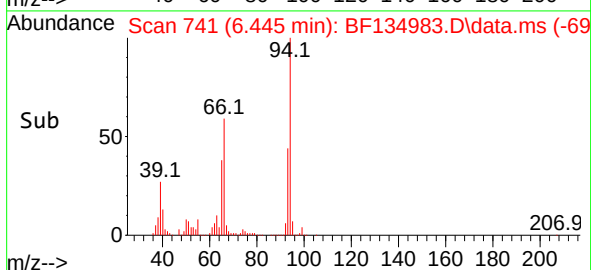
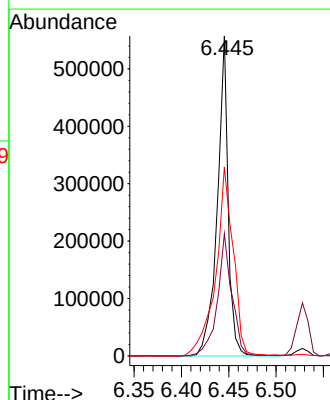
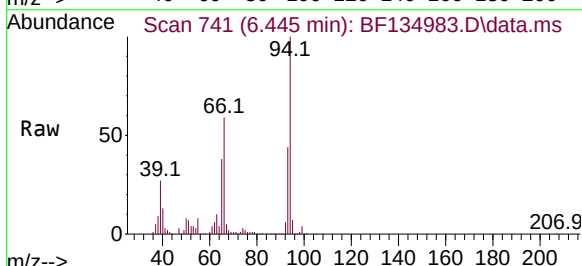
Tgt Ion: 94 Resp: 445210

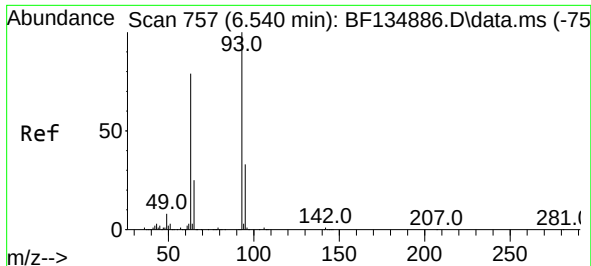
Ion Ratio Lower Upper

94 100

65 38.2 14.0 54.0

66 59.0 31.1 71.1





#11

bis(2-Chloroethyl)ether

Concen: 47.348 ng

RT: 6.528 min Scan# 755

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

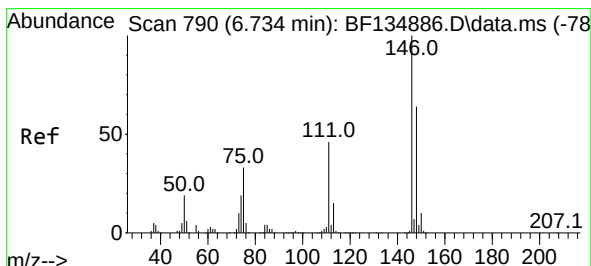
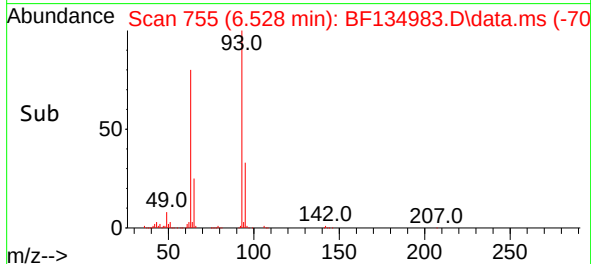
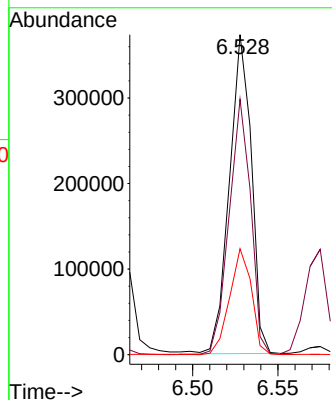
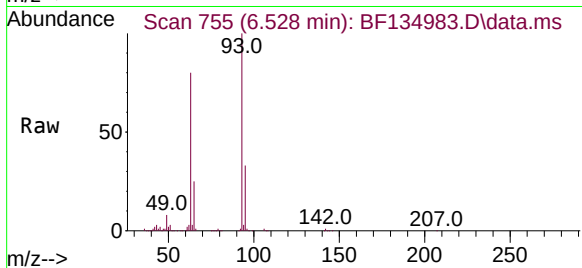
Tgt Ion: 93 Resp: 334780

Ion Ratio Lower Upper

93 100

63 79.8 58.7 98.7

95 33.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 49.179 ng

RT: 6.728 min Scan# 789

Delta R.T. -0.006 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

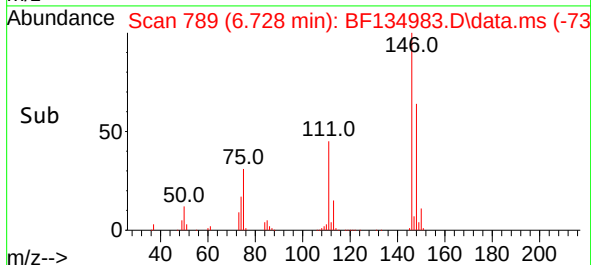
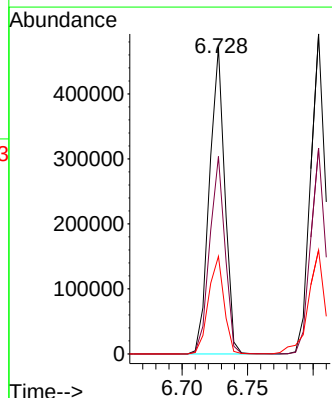
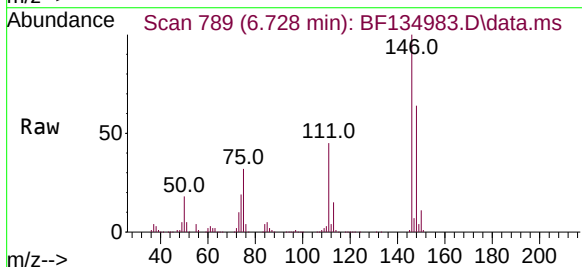
Tgt Ion:146 Resp: 383473

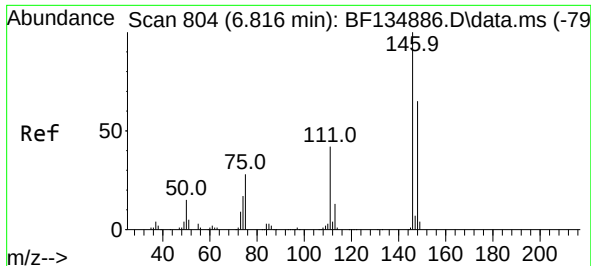
Ion Ratio Lower Upper

146 100

148 64.3 51.2 76.8

75 31.8 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 49.590 ng

RT: 6.804 min Scan# 804

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

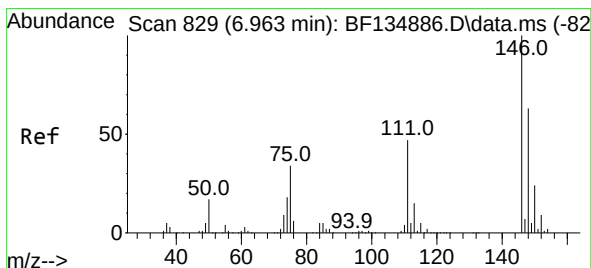
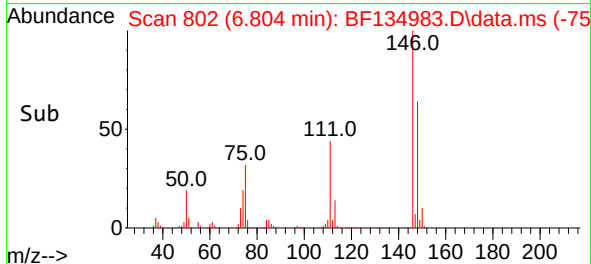
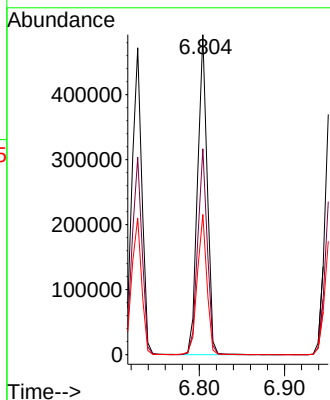
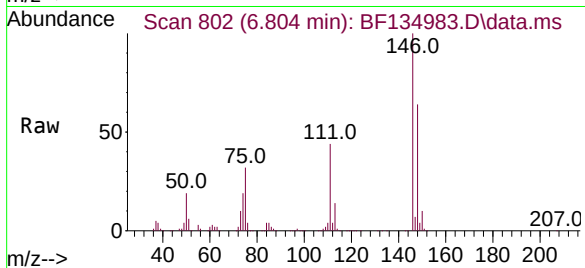
Tgt Ion:146 Resp: 387019

Ion Ratio Lower Upper

146 100

148 64.3 52.1 78.1

111 43.8 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 51.438 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

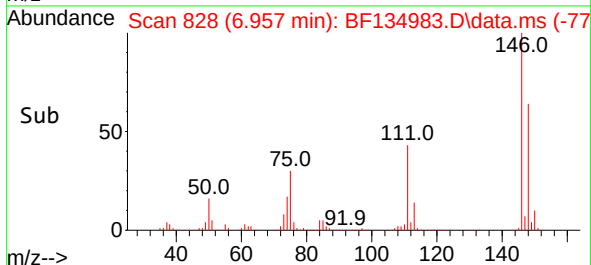
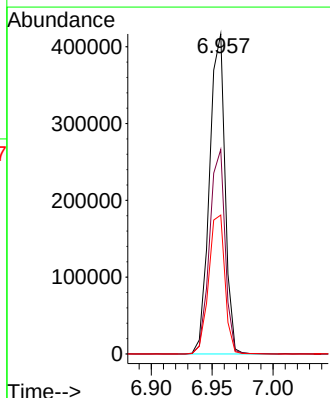
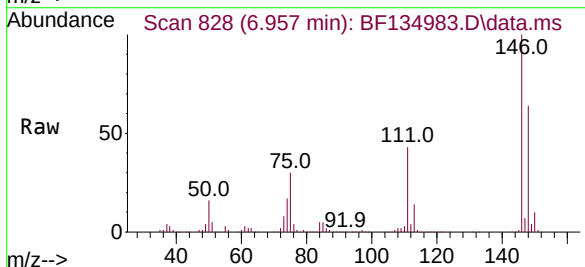
Tgt Ion:146 Resp: 372102

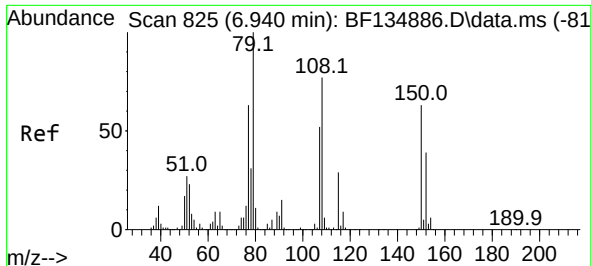
Ion Ratio Lower Upper

146 100

148 63.9 50.5 75.7

111 43.4 37.5 56.3

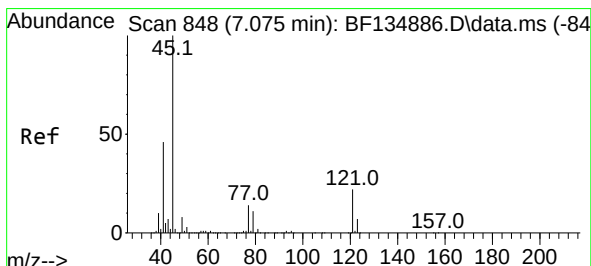
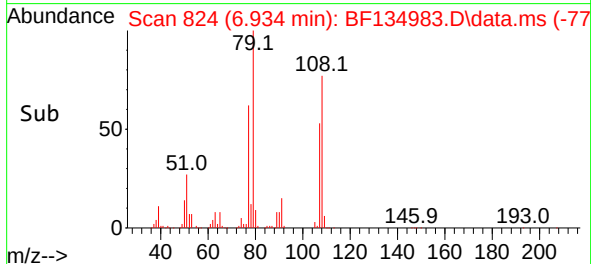
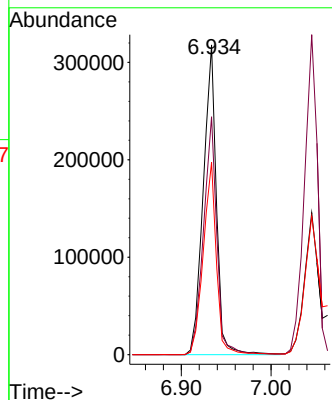
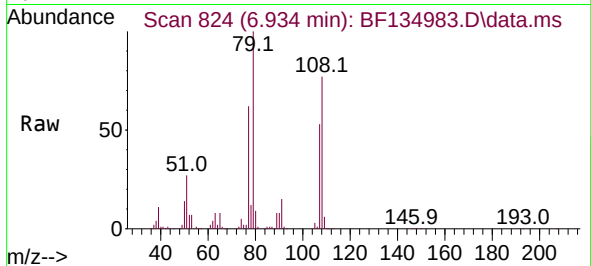




#15
Benzyl Alcohol
Concen: 51.204 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

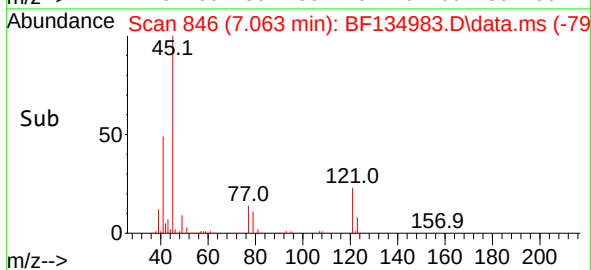
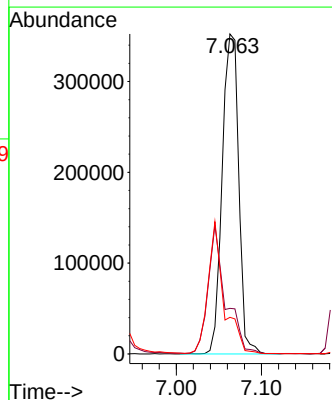
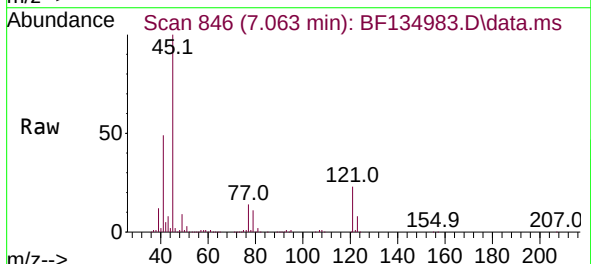
Instrument :
BNA_F
ClientSampleId :
PB155083BS

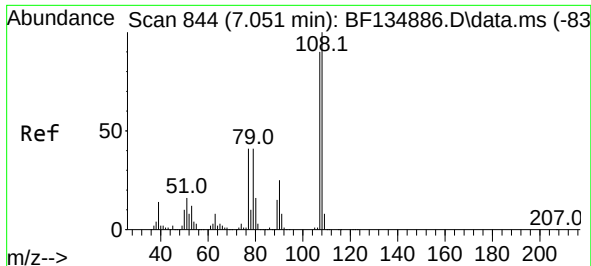
Tgt Ion: 79 Resp: 323909
Ion Ratio Lower Upper
79 100
108 76.8 61.4 92.2
77 62.1 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.276 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

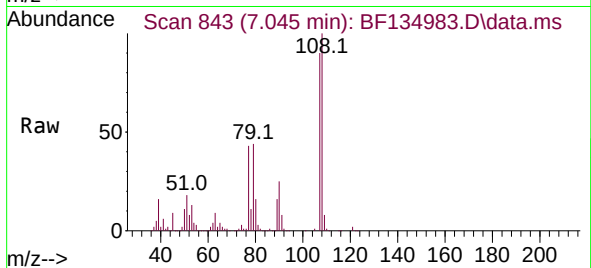
Tgt Ion: 45 Resp: 473817
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.9
79 11.4 0.0 31.1



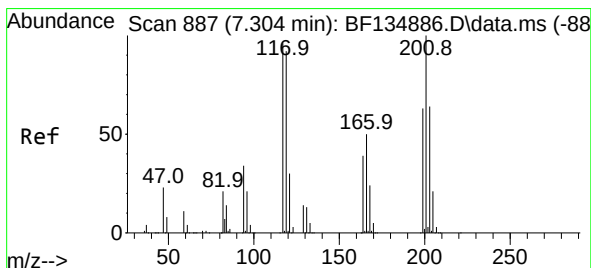
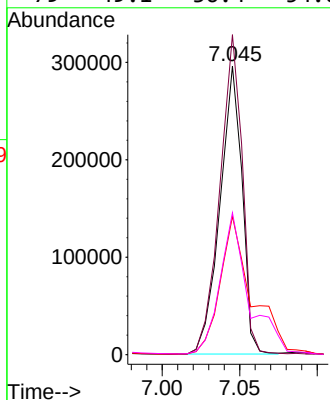
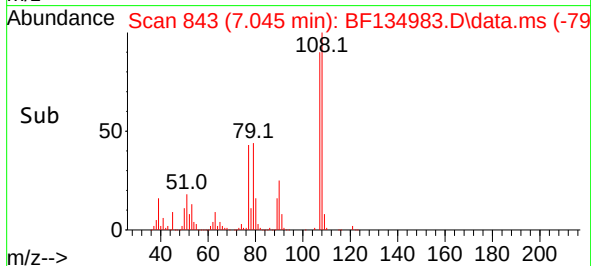


#17
2-Methylphenol
Concen: 45.458 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Instrument :
BNA_F
ClientSampleId :
PB155083BS

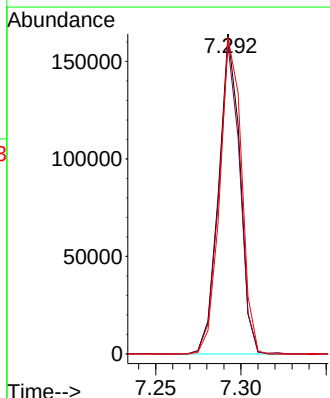
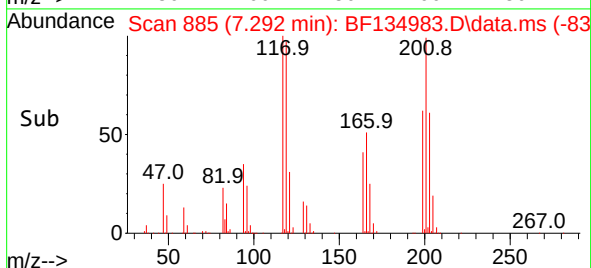
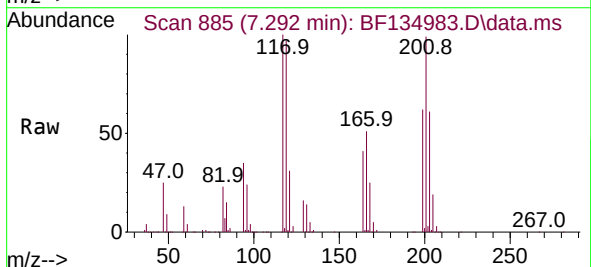


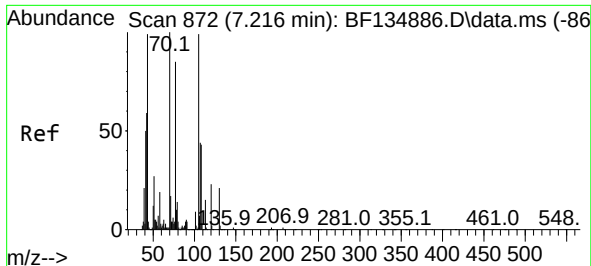
Tgt Ion:	107	Resp:	294126
Ion	Ratio	Lower	Upper
107	100		
108	110.9	89.0	133.6
77	47.9	36.5	54.7
79	49.1	36.4	54.6



#18
Hexachloroethane
Concen: 50.217 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:	117	Resp:	141839
Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.6	114.8
201	98.7	83.4	125.2





#19

n-Nitroso-di-n-propylamine

Concen: 45.999 ng

RT: 7.204 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

Tgt Ion: 70 Resp: 244586

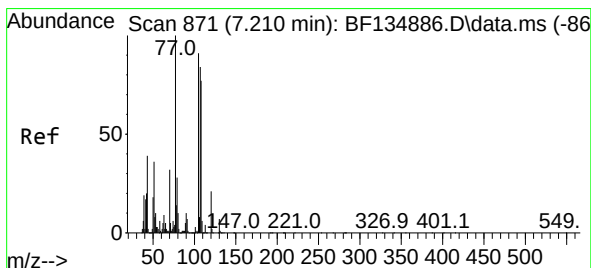
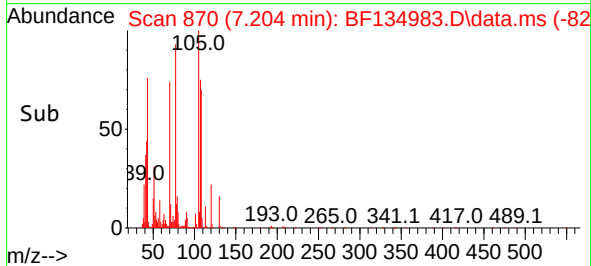
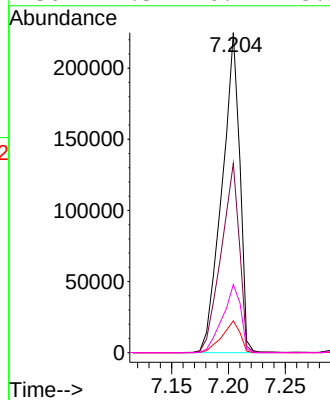
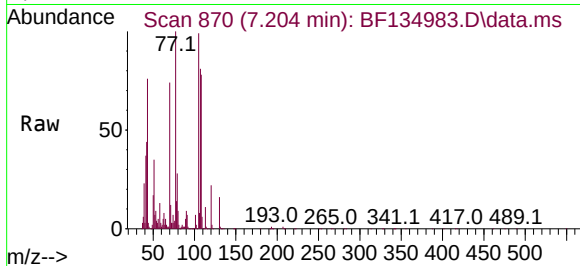
Ion Ratio Lower Upper

70 100

42 59.2 46.9 70.3

101 9.9 7.5 11.3

130 21.3 16.9 25.3



#20

3+4-Methylphenols

Concen: 45.842 ng

RT: 7.198 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Tgt Ion: 107 Resp: 351567

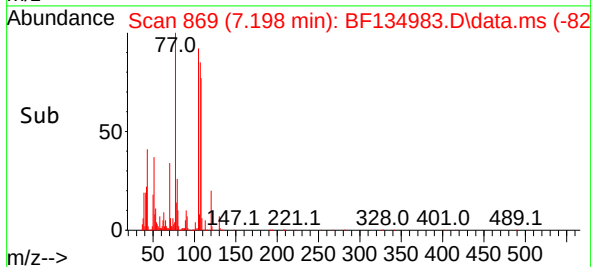
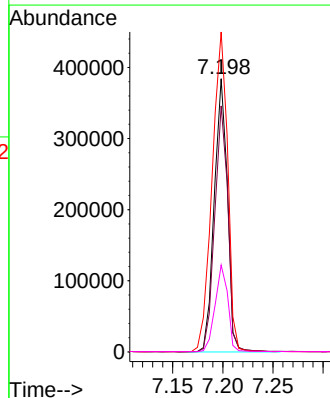
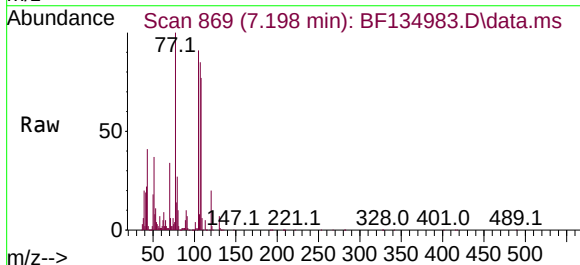
Ion Ratio Lower Upper

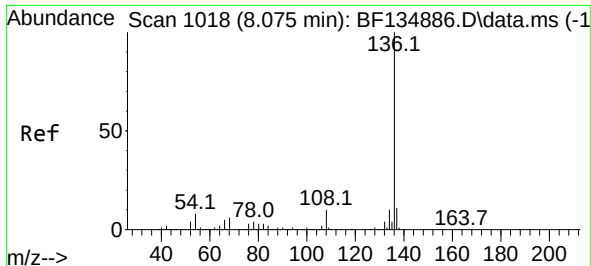
107 100

108 90.0 71.7 111.7

77 117.1 98.4 138.4

79 31.8 13.2 53.2

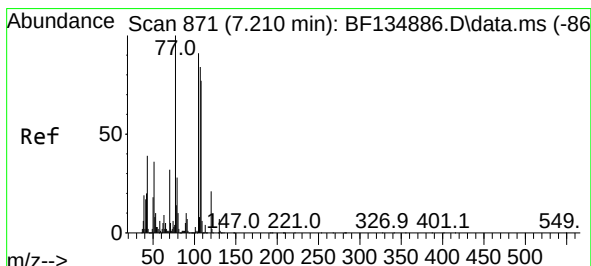
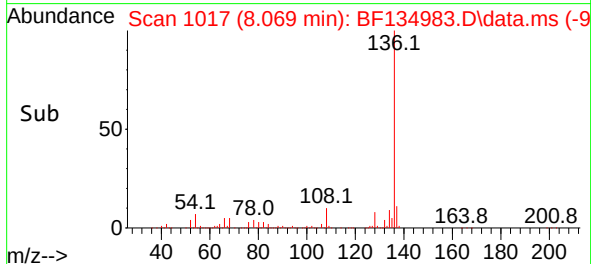
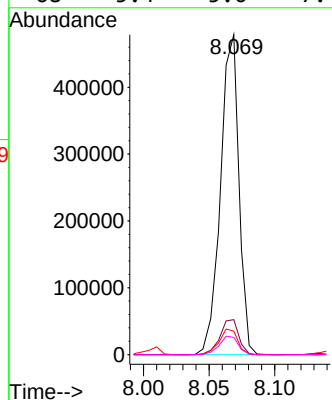
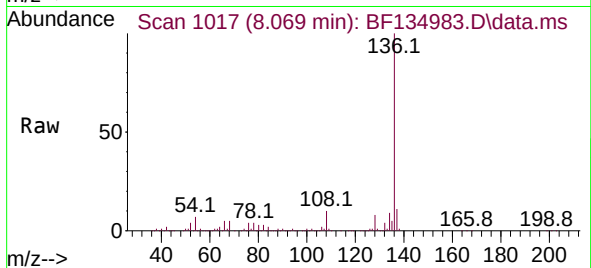




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

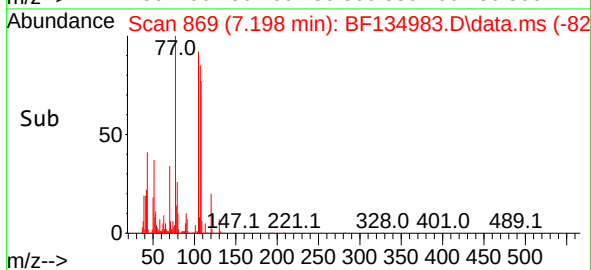
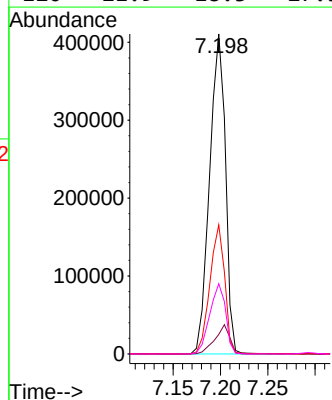
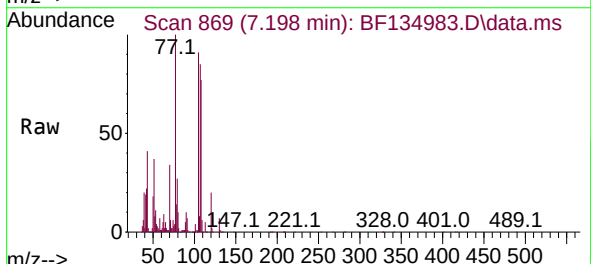
Instrument :
BNA_F
ClientSampleId :
PB155083BS

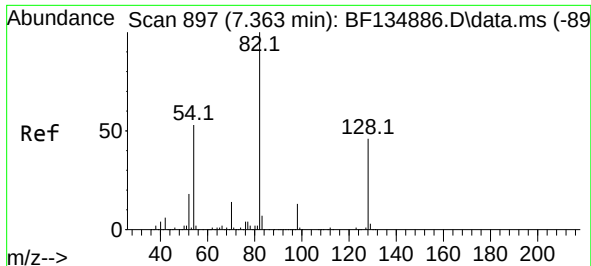
Tgt Ion:136	Resp: 469135
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 7.3	6.6 9.8
68 5.4	5.0 7.4



#22
Acetophenone
Concen: 46.205 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt	Ion:105	Resp:	479101
Ion	Ratio	Lower	Upper
105	100		
71	6.1	4.6	6.8
51	40.3	32.2	48.2
120	21.9	18.3	27.5





#23

Nitrobenzene-d5

Concen: 88.162 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

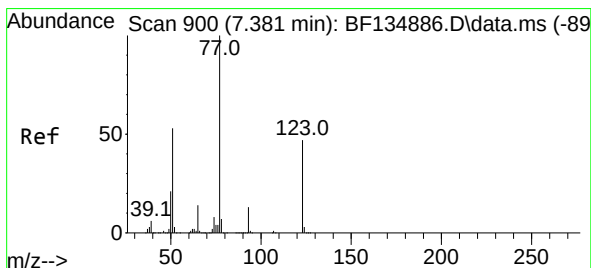
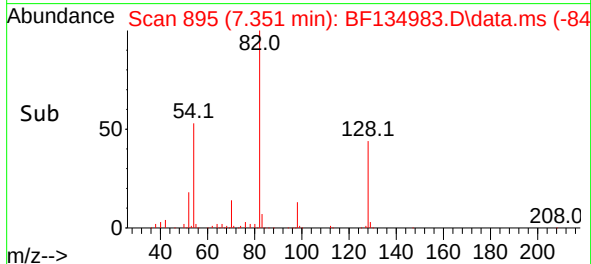
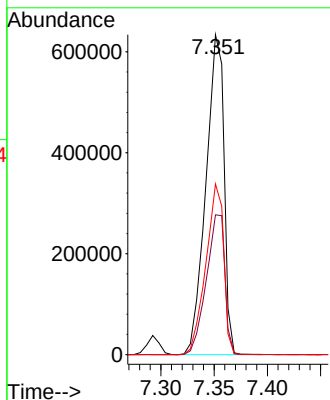
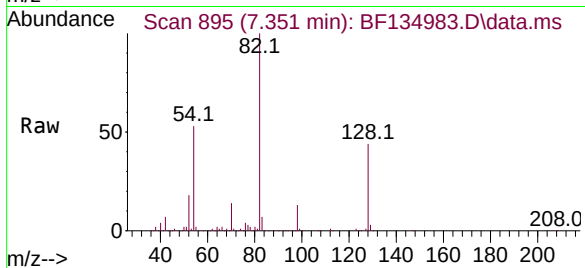
Tgt Ion: 82 Resp: 750588

Ion Ratio Lower Upper

82 100

128 43.7 36.6 54.8

54 53.3 42.6 63.8



#24

Nitrobenzene

Concen: 45.135 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

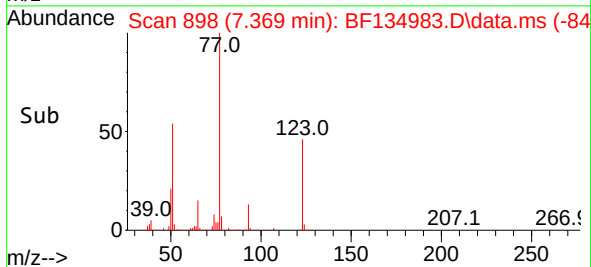
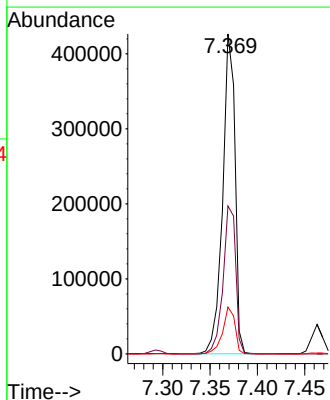
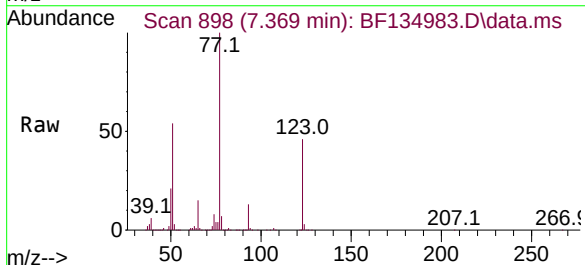
Tgt Ion: 77 Resp: 385586

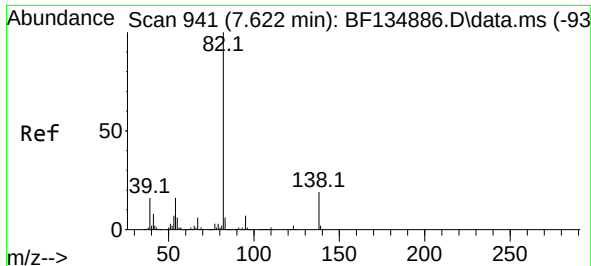
Ion Ratio Lower Upper

77 100

123 46.2 37.9 56.9

65 14.6 11.1 16.7

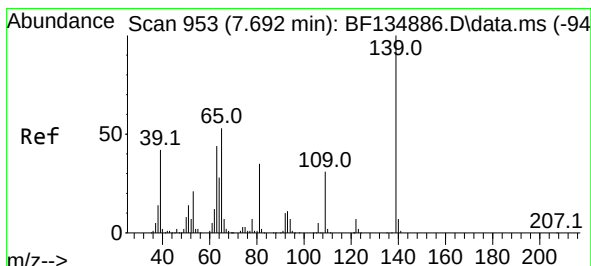
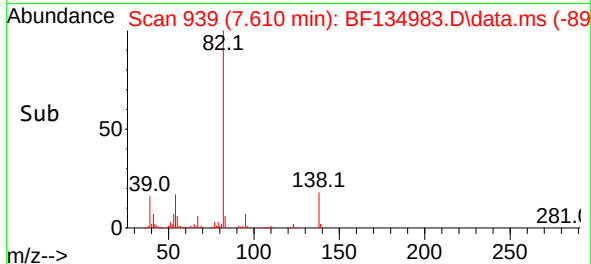
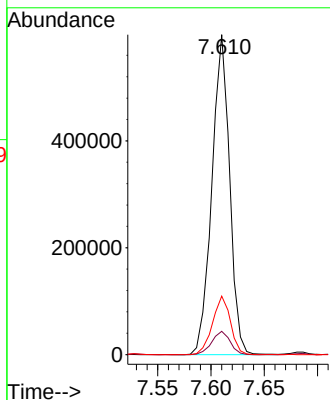
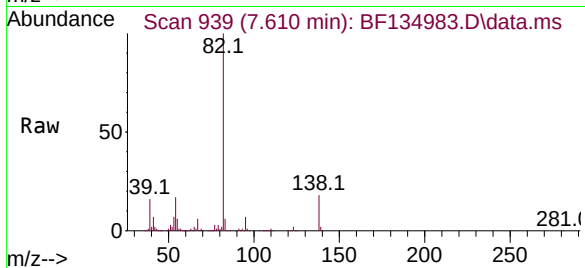




#25
Isophorone
Concen: 43.627 ng
RT: 7.610 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

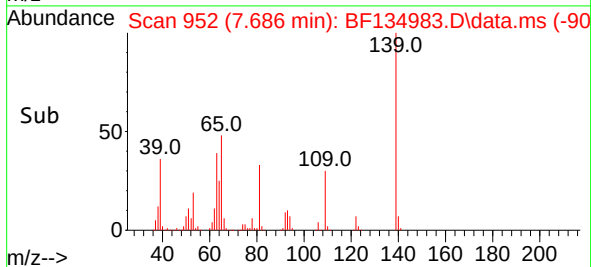
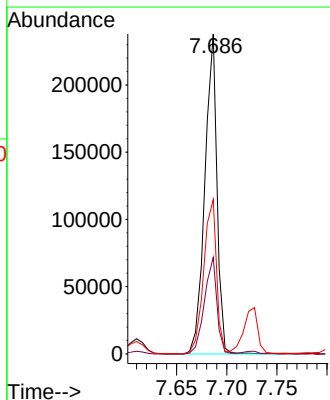
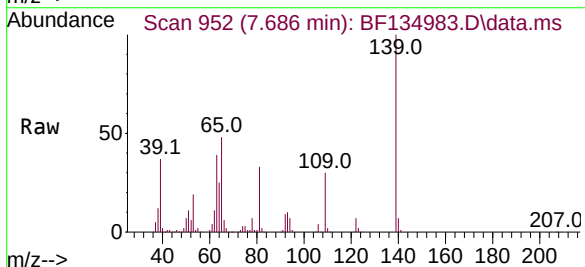
Instrument :
BNA_F
ClientSampleId :
PB155083BS

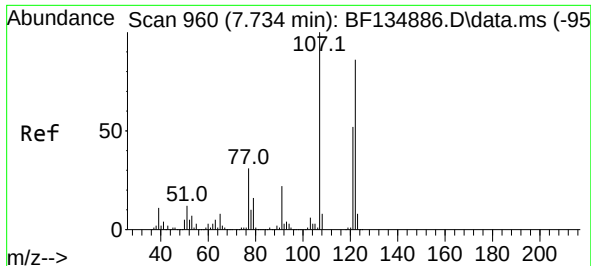
Tgt Ion: 82 Resp: 693569
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 18.3 14.9 22.3



#26
2-Nitrophenol
Concen: 47.034 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:139 Resp: 200038
Ion Ratio Lower Upper
139 100
109 30.1 24.5 36.7
65 48.2 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 46.437 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF134983.D

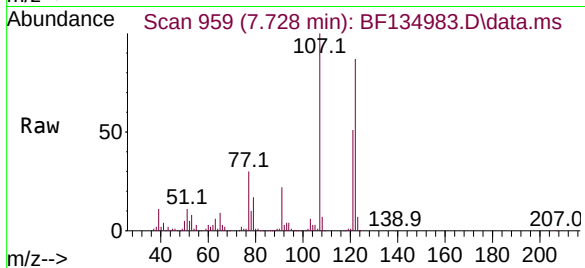
Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS



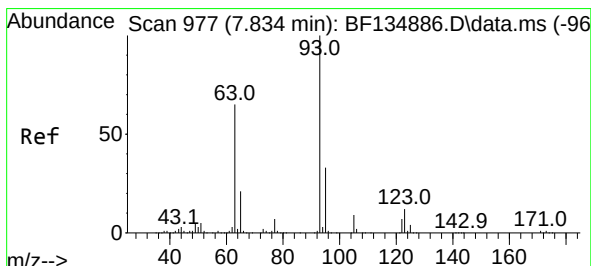
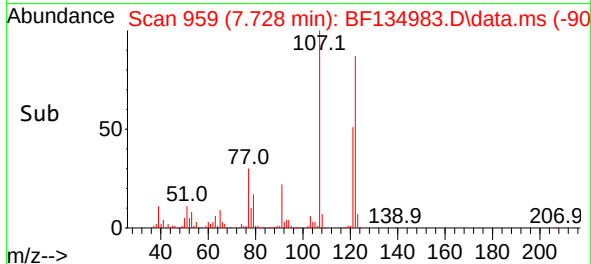
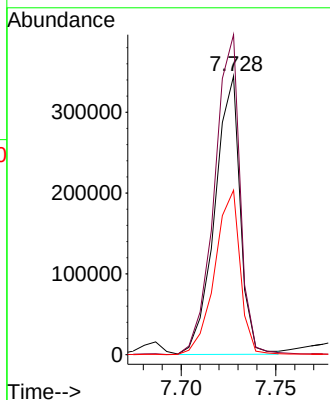
Tgt Ion:122 Resp: 322126

Ion Ratio Lower Upper

122 100

107 114.9 92.9 139.3

121 59.0 48.4 72.6



#28

bis(2-Chloroethoxy)methane

Concen: 44.242 ng

RT: 7.822 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

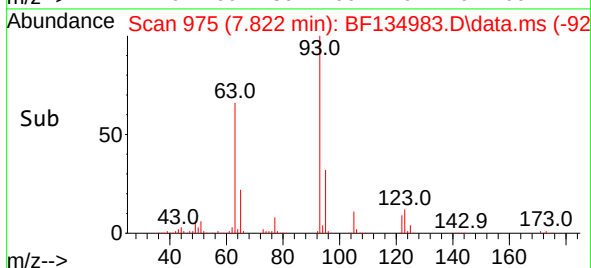
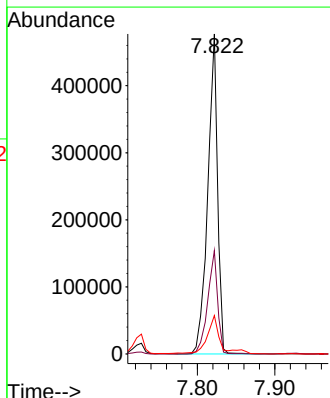
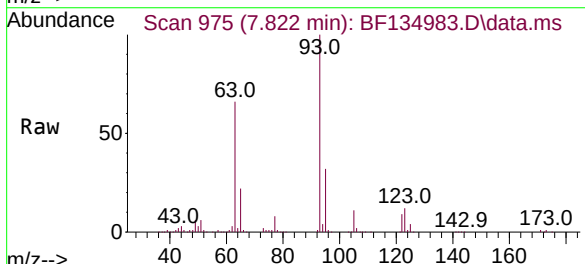
Tgt Ion: 93 Resp: 419197

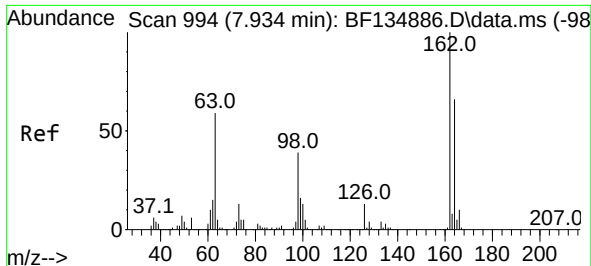
Ion Ratio Lower Upper

93 100

95 32.3 26.3 39.5

123 12.0 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 45.569 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

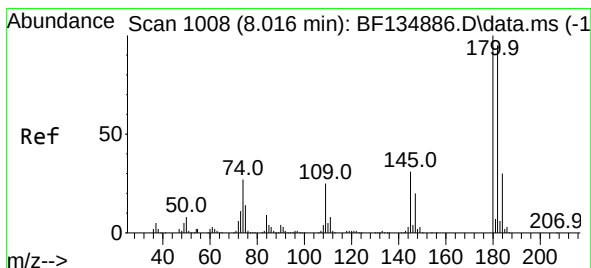
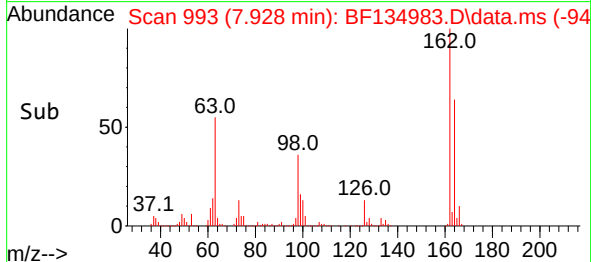
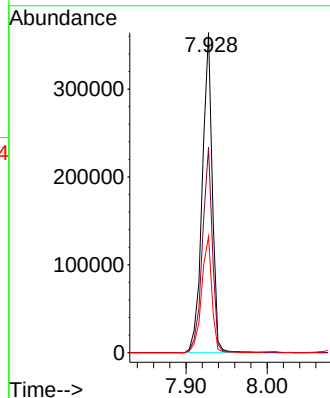
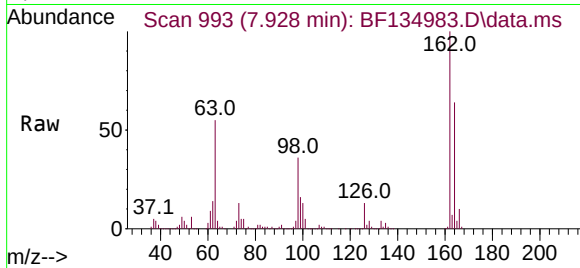
Tgt Ion:162 Resp: 312329

Ion Ratio Lower Upper

162 100

164 64.2 45.6 85.6

98 36.3 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 46.359 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

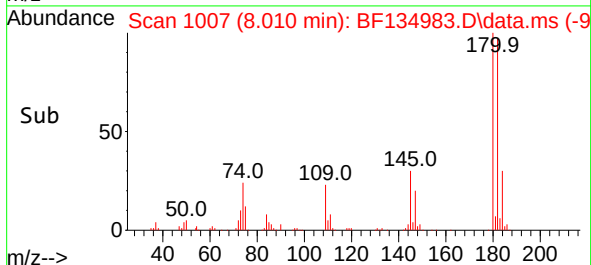
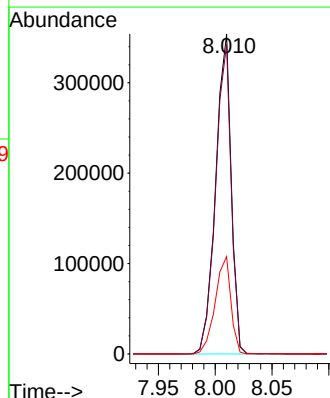
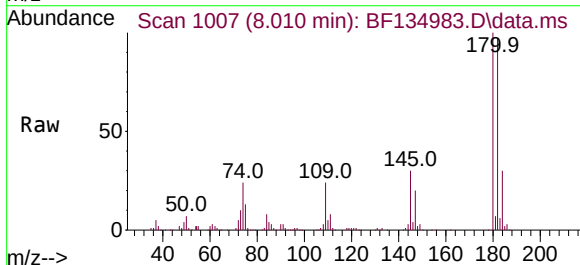
Tgt Ion:180 Resp: 337328

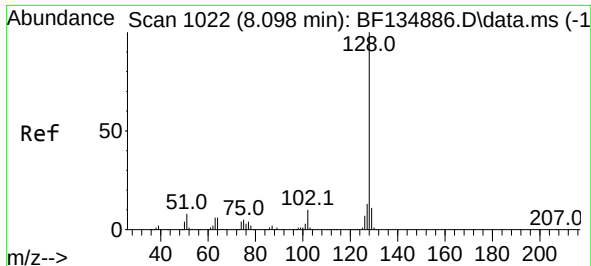
Ion Ratio Lower Upper

180 100

182 96.7 76.0 114.0

145 30.4 24.6 37.0

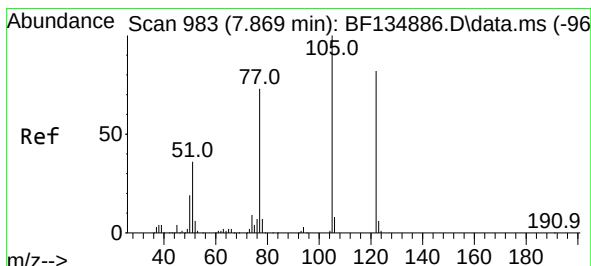
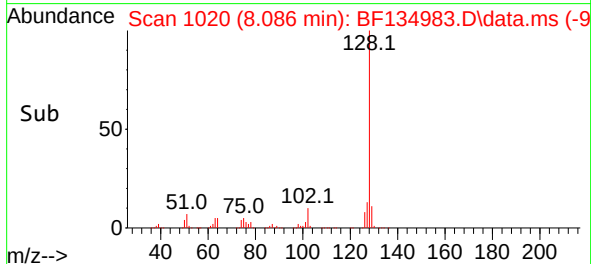
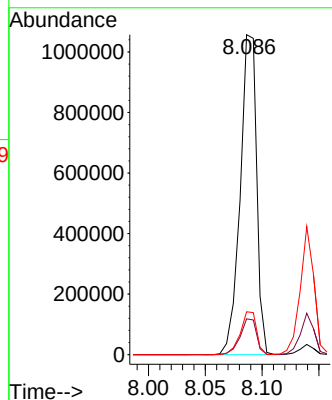
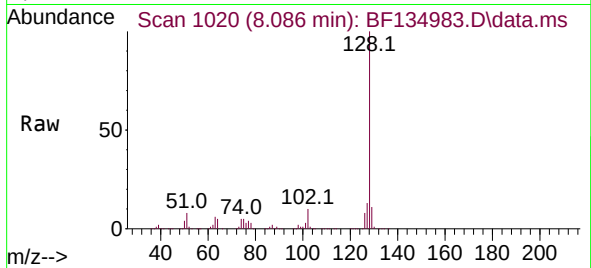




#31
Naphthalene
Concen: 45.569 ng
RT: 8.086 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

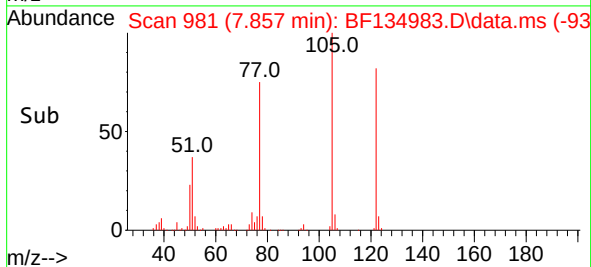
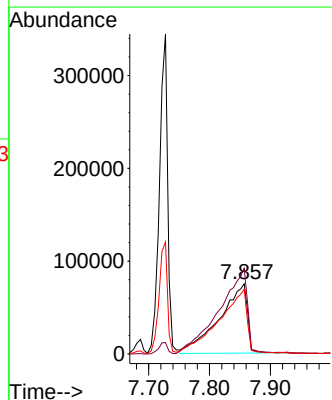
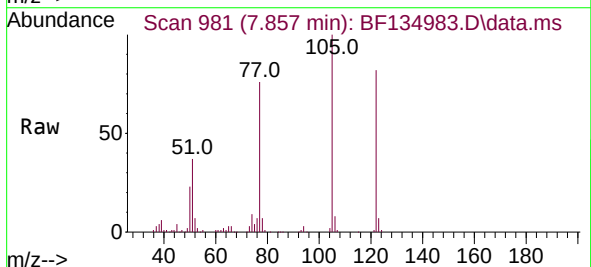
Instrument :
BNA_F
ClientSampleId :
PB155083BS

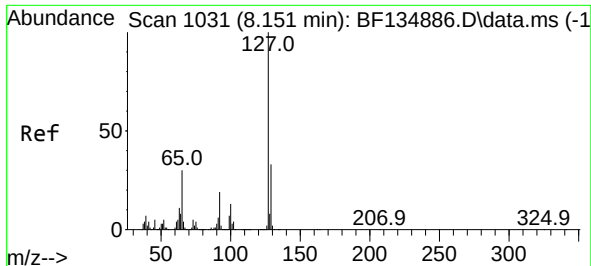
Tgt Ion:128 Resp: 1067457
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 46.808 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:122 Resp: 239624
Ion Ratio Lower Upper
122 100
105 122.3 98.6 138.6
77 92.4 68.6 108.6



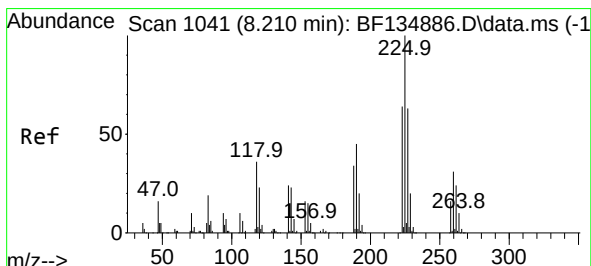
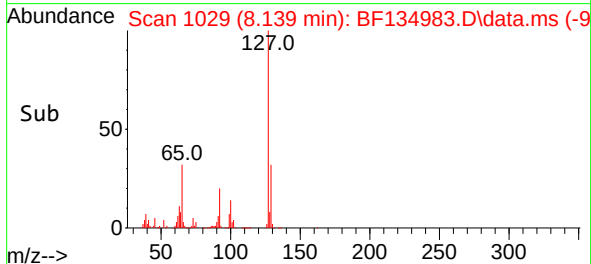
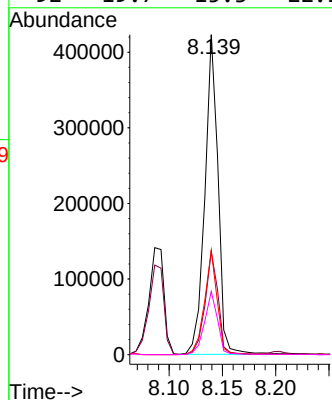
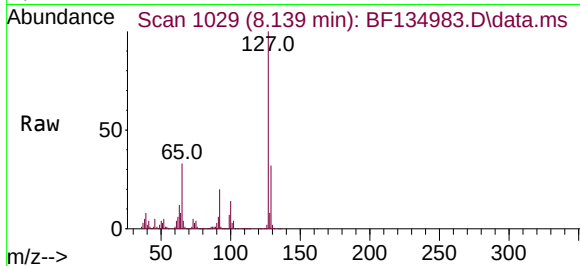


#33
4-Chloroaniline
Concen: 36.098 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Instrument :
BNA_F
ClientSampleId :
PB155083BS

Tgt Ion:127 Resp: 362817

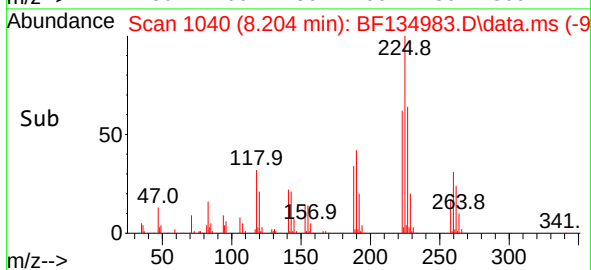
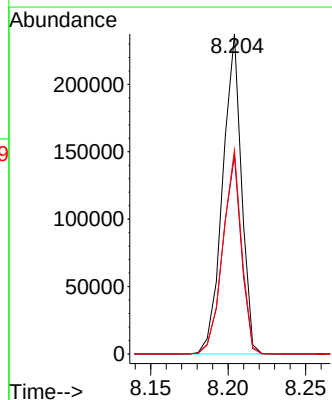
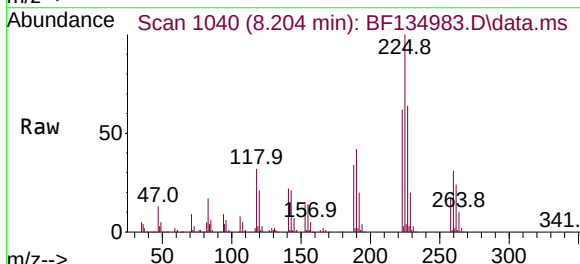
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.4	39.6
65	32.6	23.8	35.8
92	19.7	15.3	22.9

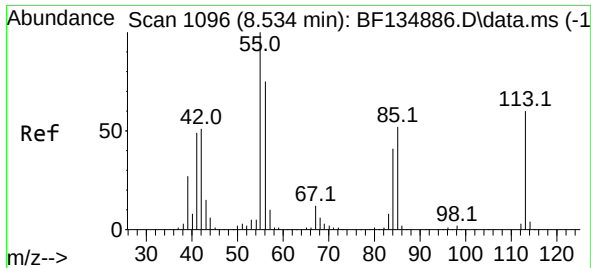


#34
Hexachlorobutadiene
Concen: 46.339 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:225 Resp: 200538

Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.1	76.7
227	63.7	50.1	75.1

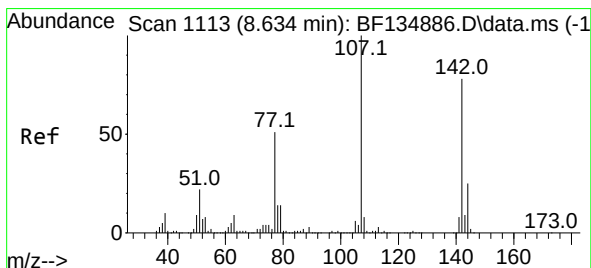
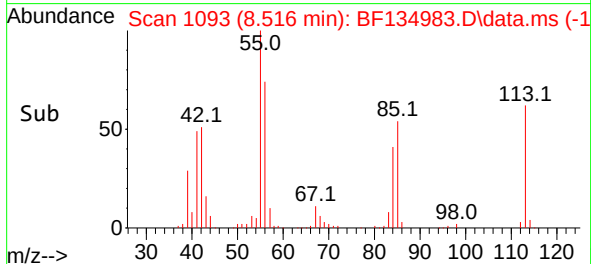
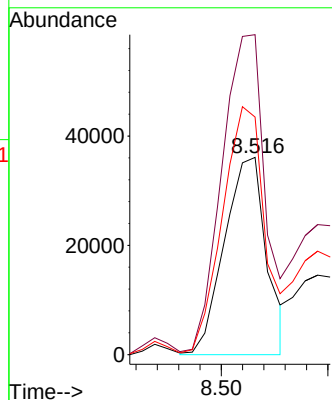
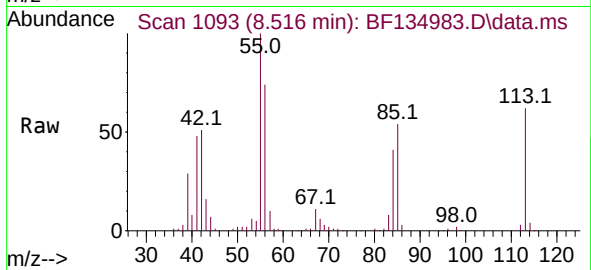




#35
 Caprolactam
 Concen: 23.134 ng
 RT: 8.516 min Scan# 1093
 Delta R.T. -0.018 min
 Lab File: BF134983.D
 Acq: 29 Aug 2023 14:41

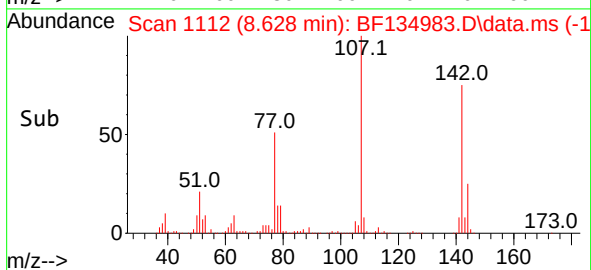
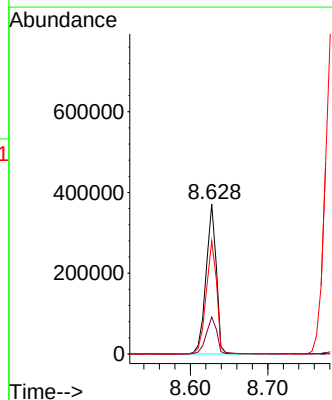
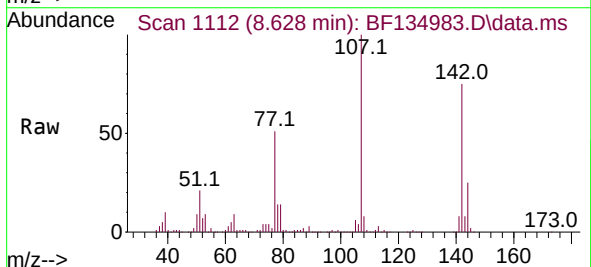
Instrument :
 BNA_F
 ClientSampleId :
 PB155083BS

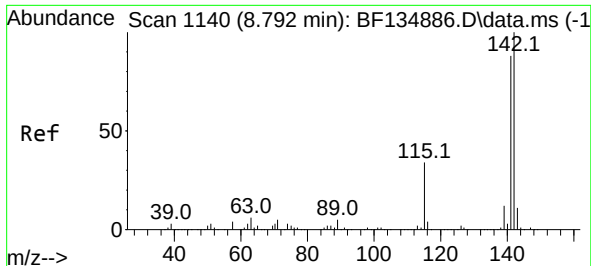
Tgt Ion:113 Resp: 49497
 Ion Ratio Lower Upper
 113 100
 55 162.2 147.2 187.2
 56 120.4 106.0 146.0



#36
 4-Chloro-3-methylphenol
 Concen: 47.331 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF134983.D
 Acq: 29 Aug 2023 14:41

Tgt Ion:107 Resp: 342337
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.2 30.2
 142 75.5 62.5 93.7





#37

2-Methylnaphthalene

Concen: 44.080 ng

RT: 8.781 min Scan# 1138

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

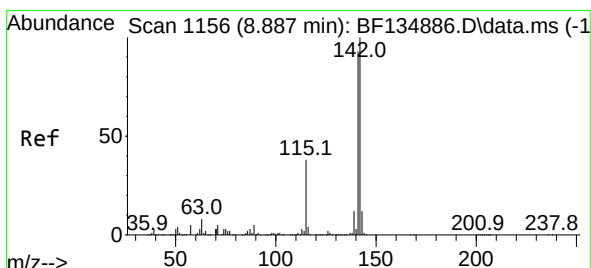
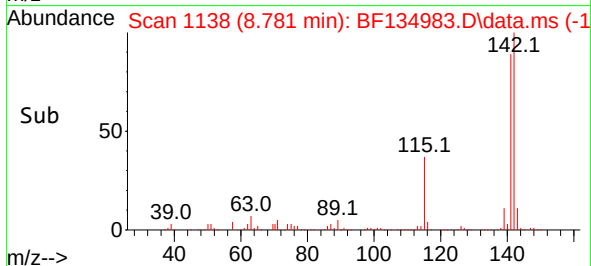
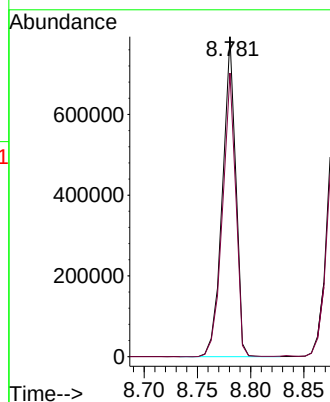
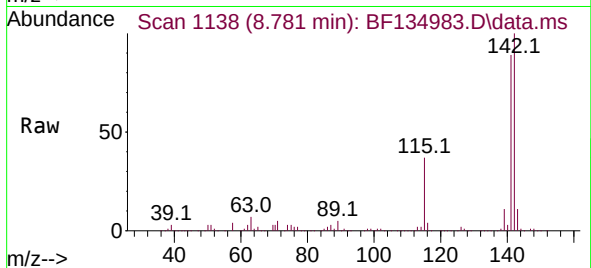
PB155083BS

Tgt Ion:142 Resp: 688614

Ion Ratio Lower Upper

142 100

141 88.6 70.2 105.2



#38

1-Methylnaphthalene

Concen: 43.641 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF134983.D

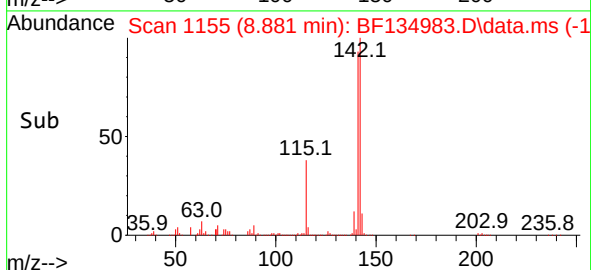
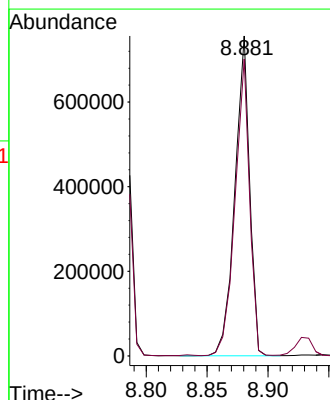
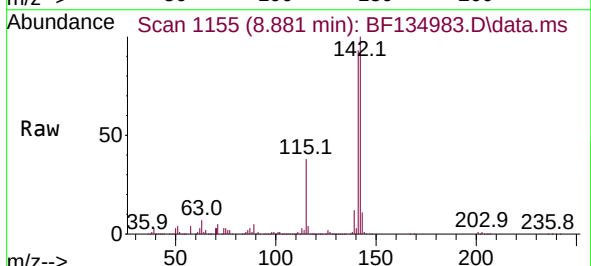
Acq: 29 Aug 2023 14:41

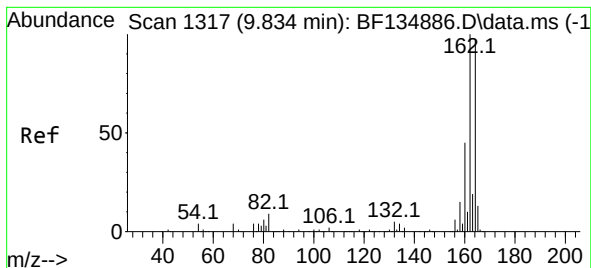
Tgt Ion:142 Resp: 637499

Ion Ratio Lower Upper

142 100

141 92.8 74.1 111.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

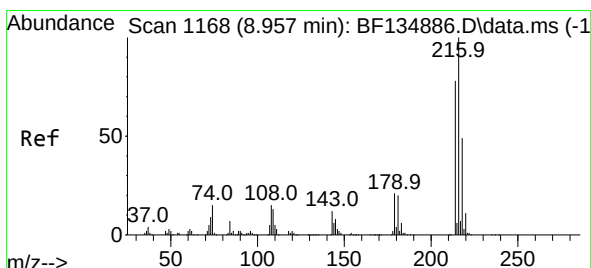
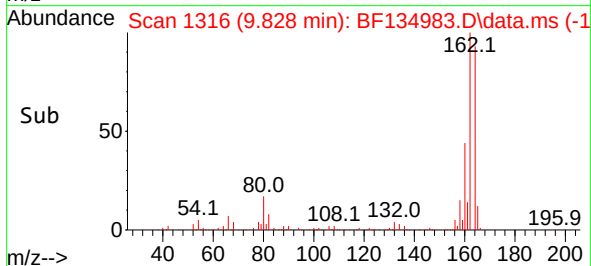
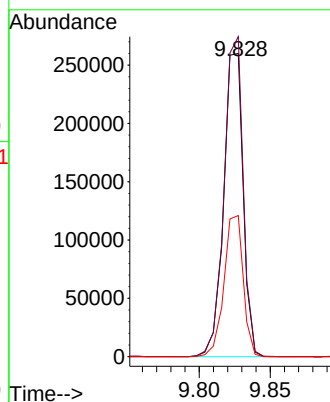
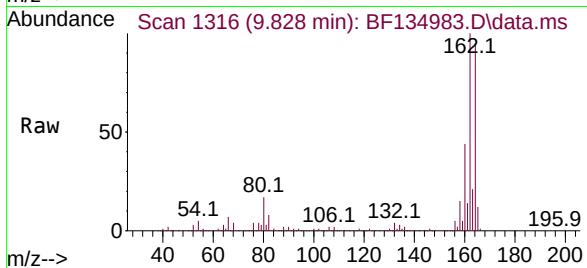
Tgt Ion:164 Resp: 248499

Ion Ratio Lower Upper

164 100

162 105.6 82.6 123.8

160 46.5 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.286 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Tgt Ion:216 Resp: 327767

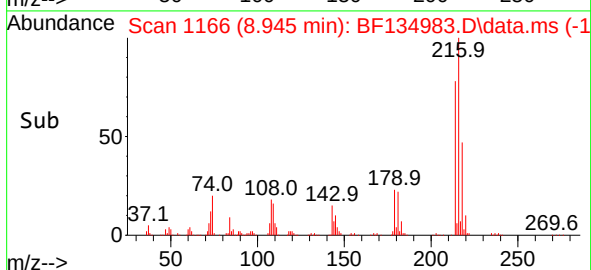
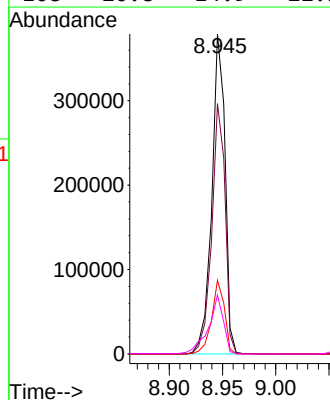
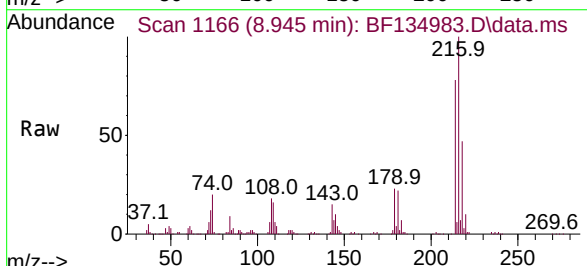
Ion Ratio Lower Upper

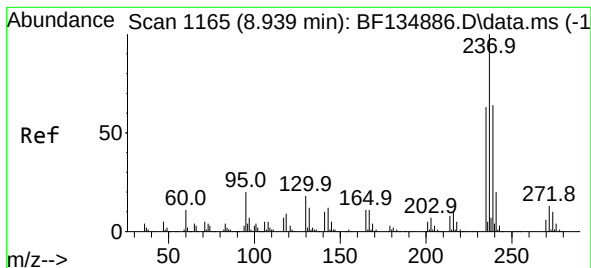
216 100

214 78.5 63.1 94.7

179 22.3 17.3 25.9

108 20.8 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 105.390 ng

RT: 8.933 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

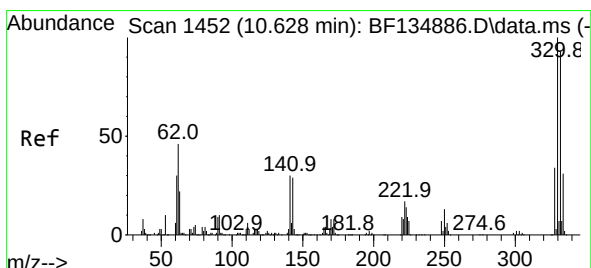
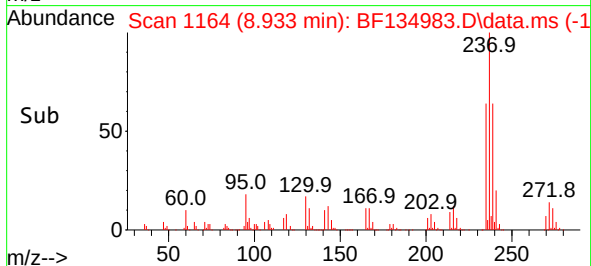
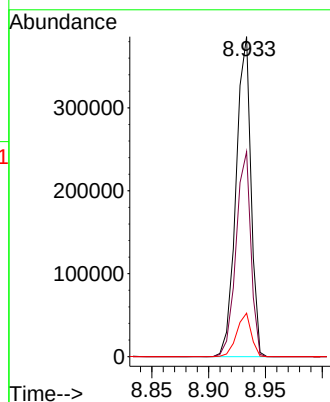
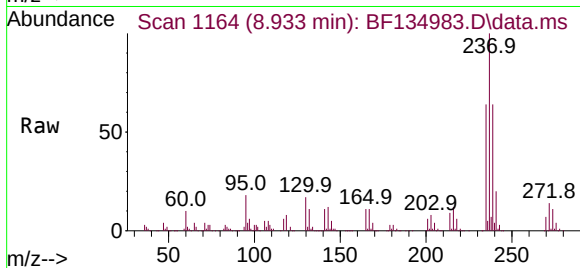
Tgt Ion:237 Resp: 353317

Ion Ratio Lower Upper

237 100

235 64.0 43.1 83.1

272 13.6 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 125.874 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

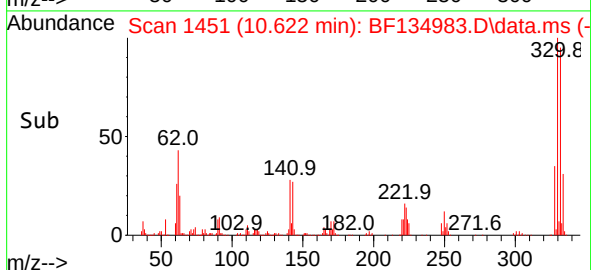
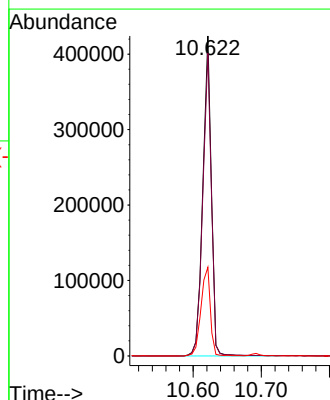
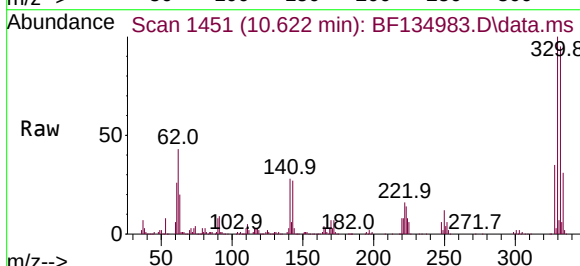
Tgt Ion:330 Resp: 368395

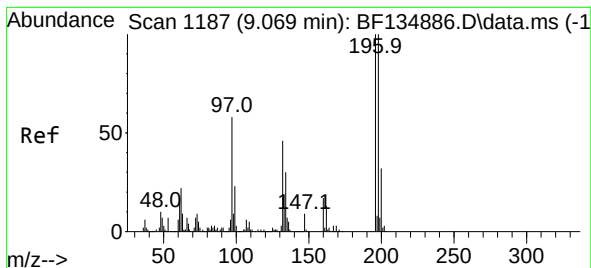
Ion Ratio Lower Upper

330 100

332 96.0 76.3 114.5

141 30.5 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 44.571 ng

RT: 9.063 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

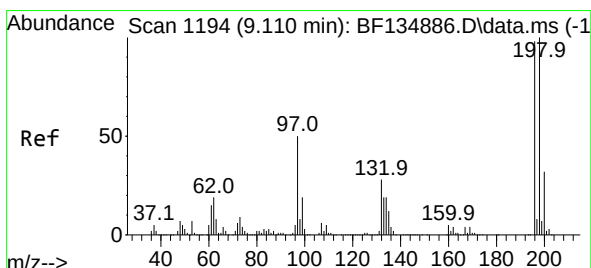
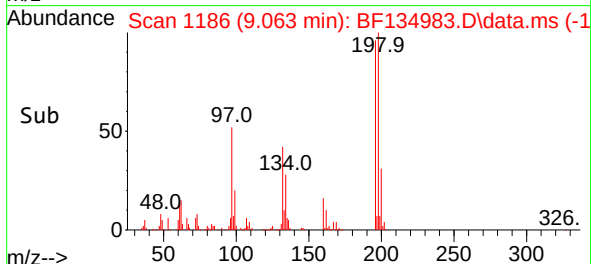
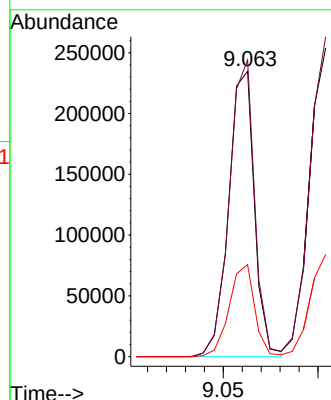
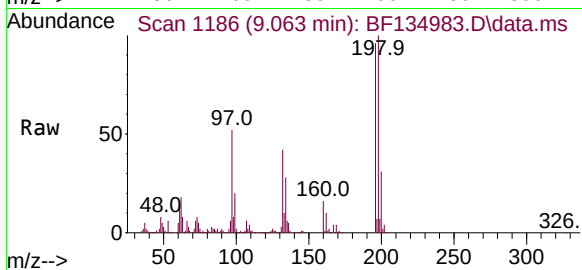
Tgt Ion:196 Resp: 222895

Ion Ratio Lower Upper

196 100

198 103.9 79.8 119.6

200 32.2 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 41.738 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Tgt Ion:196 Resp: 241656

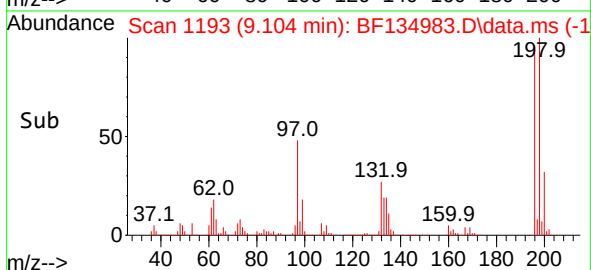
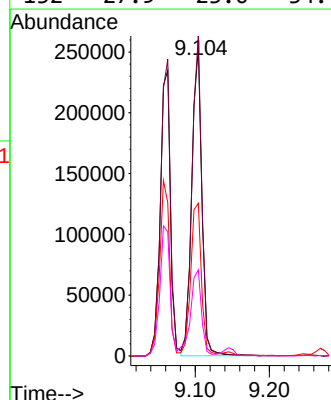
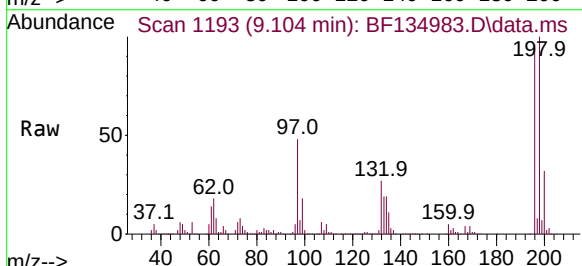
Ion Ratio Lower Upper

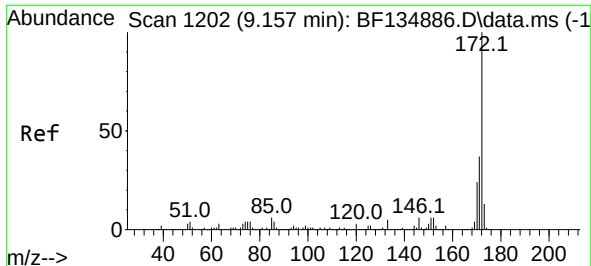
196 100

198 103.6 81.8 122.6

97 49.4 41.3 61.9

132 27.9 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 85.669 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

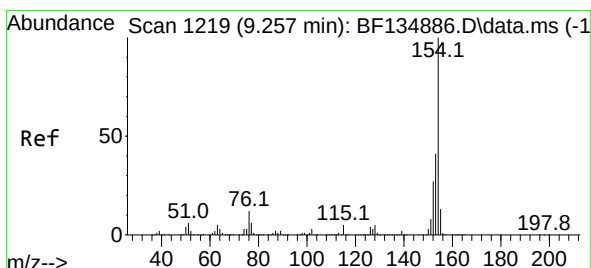
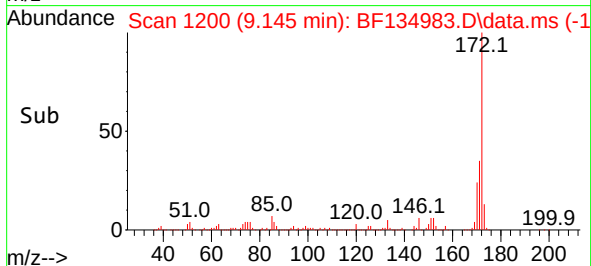
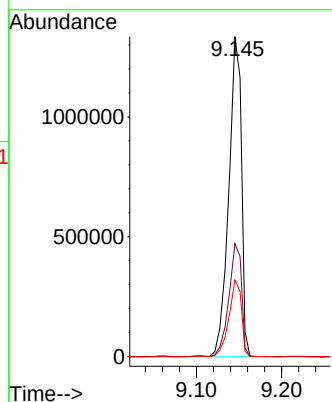
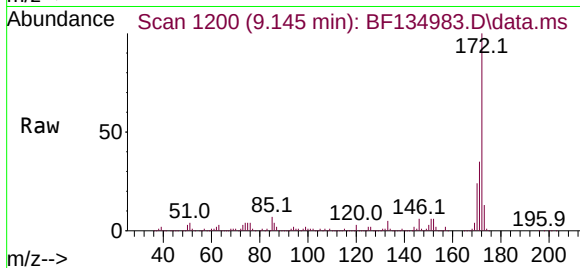
Tgt Ion:172 Resp: 1377105

Ion Ratio Lower Upper

172 100

171 35.4 29.4 44.0

170 23.9 19.6 29.4



#46

1,1'-Biphenyl

Concen: 43.398 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

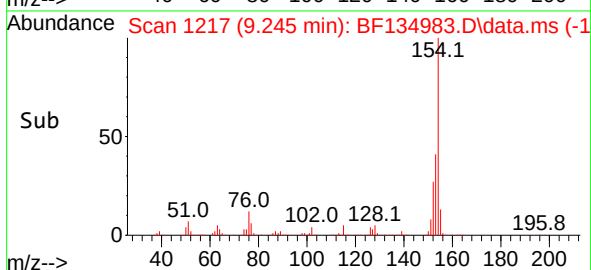
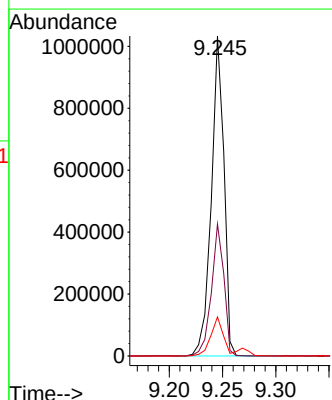
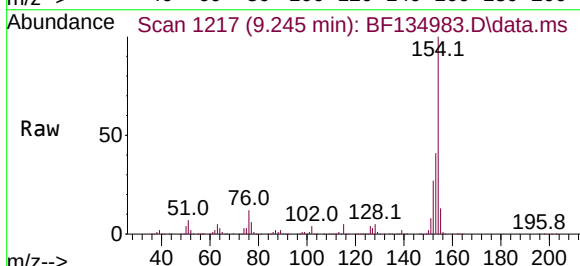
Tgt Ion:154 Resp: 851410

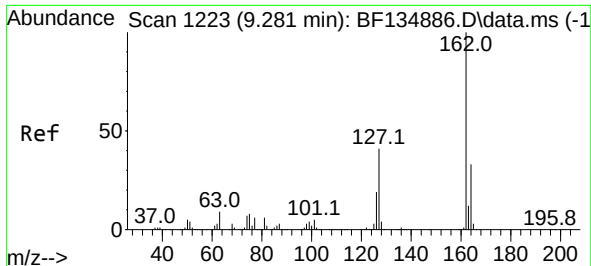
Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

76 12.2 0.0 31.8

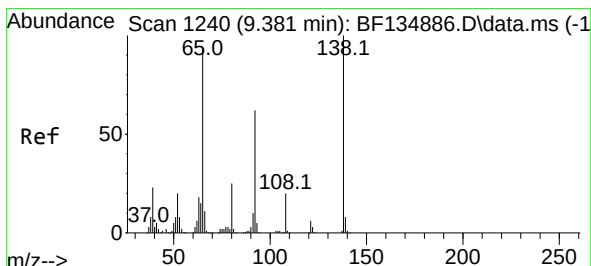
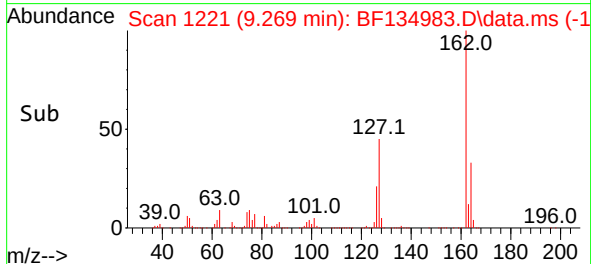
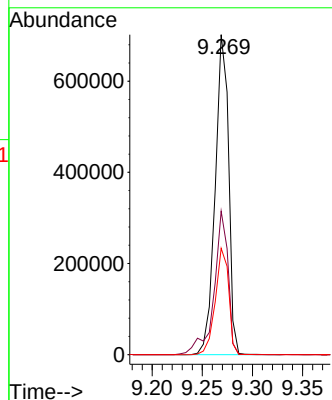
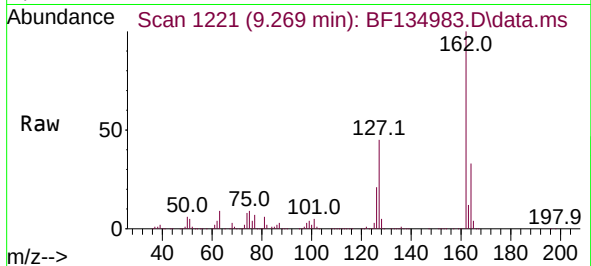




#47
2-Chloronaphthalene
Concen: 44.622 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

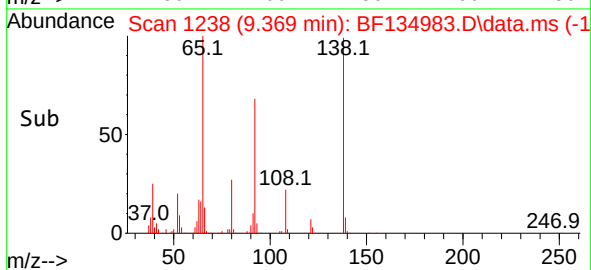
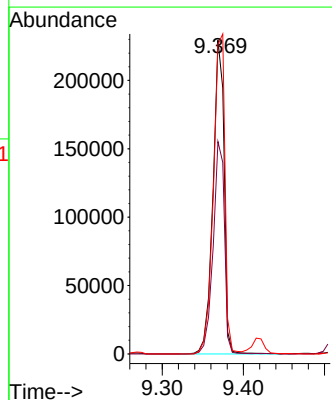
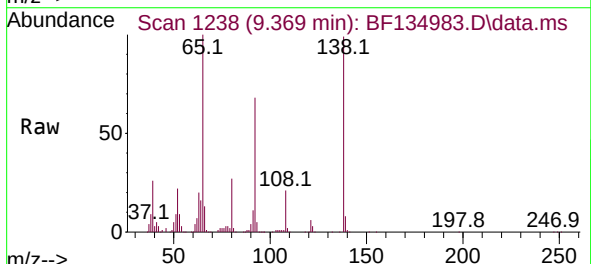
Instrument :
BNA_F
ClientSampleId :
PB155083BS

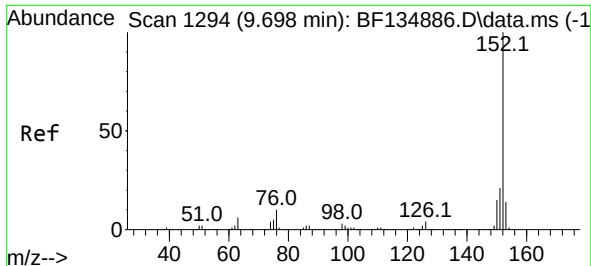
Tgt Ion:162 Resp: 653763
Ion Ratio Lower Upper
162 100
127 44.8 33.4 50.0
164 33.2 26.6 39.8



#48
2-Nitroaniline
Concen: 45.721 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

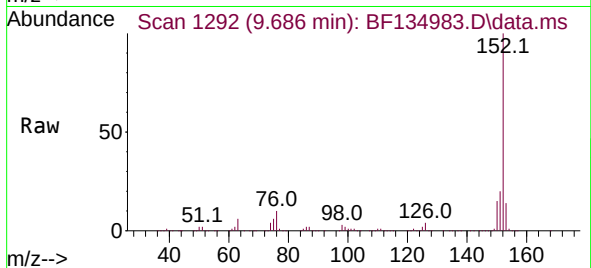
Tgt Ion: 65 Resp: 220198
Ion Ratio Lower Upper
65 100
92 67.6 53.8 80.8
138 98.6 86.5 129.7



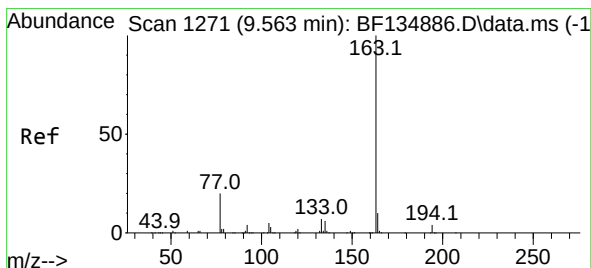
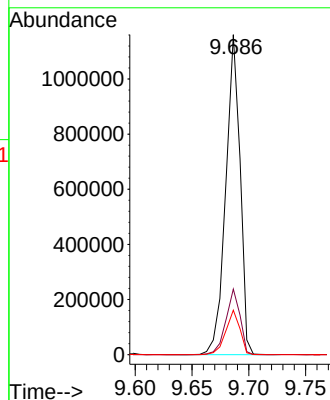
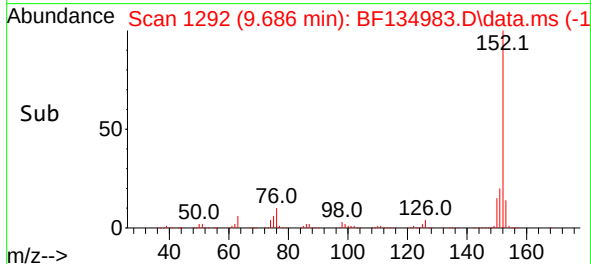


#49
Acenaphthylene
Concen: 44.846 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Instrument :
BNA_F
ClientSampleId :
PB155083BS

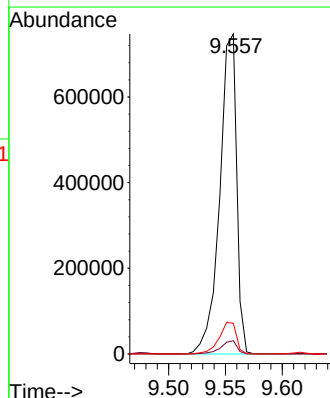
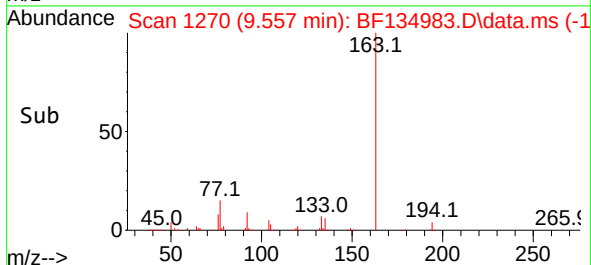
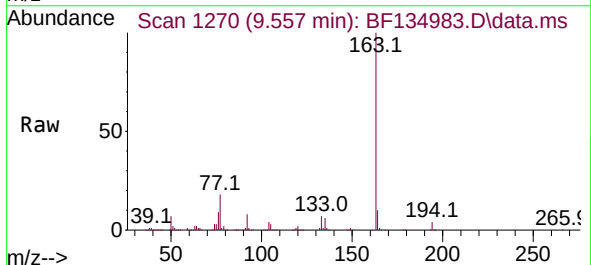


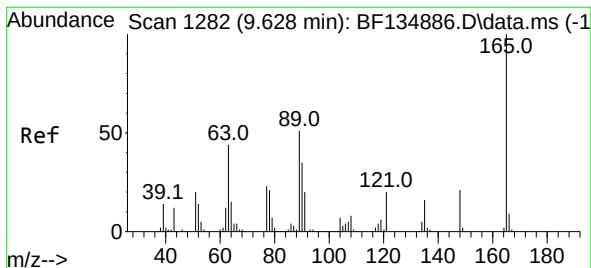
Tgt Ion:152 Resp: 1011862
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 13.9 11.3 16.9



#50
Dimethylphthalate
Concen: 43.815 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:163 Resp: 775011
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.6 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 45.820 ng

RT: 9.616 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

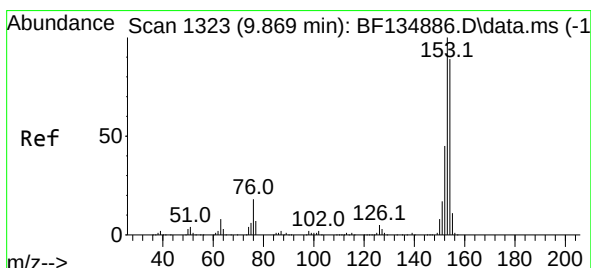
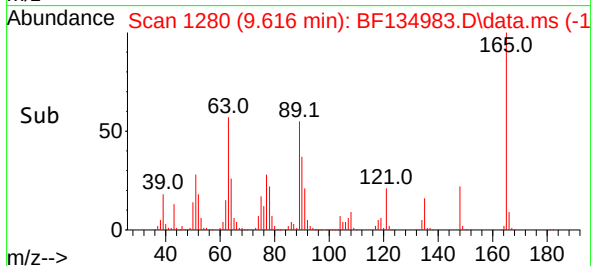
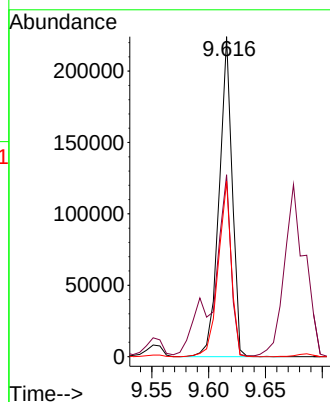
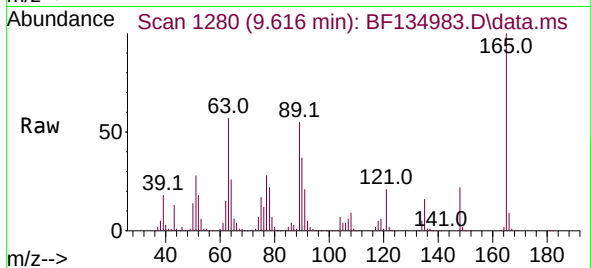
Tgt Ion:165 Resp: 178757

Ion Ratio Lower Upper

165 100

63 56.8 41.4 62.2

89 54.8 40.9 61.3



#52

Acenaphthene

Concen: 43.973 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

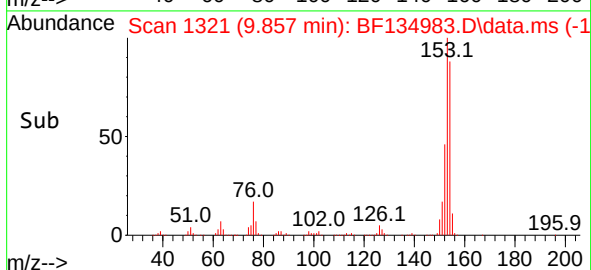
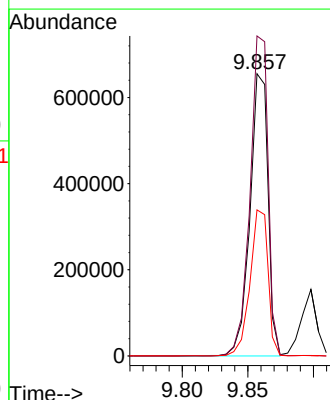
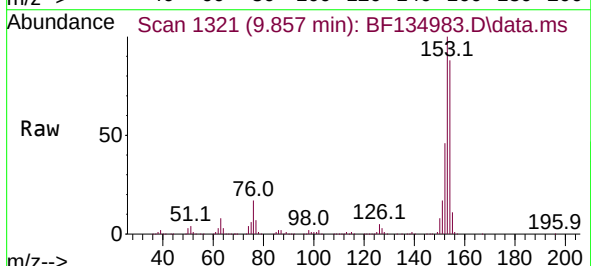
Tgt Ion:154 Resp: 625032

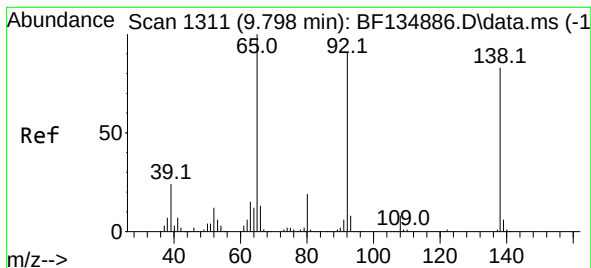
Ion Ratio Lower Upper

154 100

153 113.4 89.6 134.4

152 51.7 40.5 60.7





#53

3-Nitroaniline

Concen: 39.386 ng

RT: 9.786 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

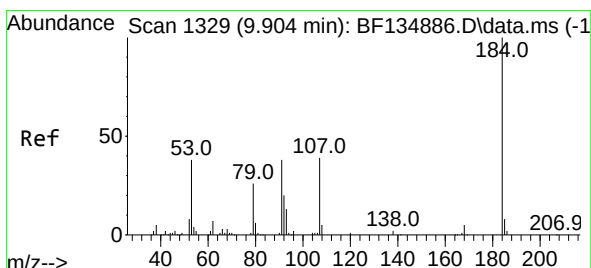
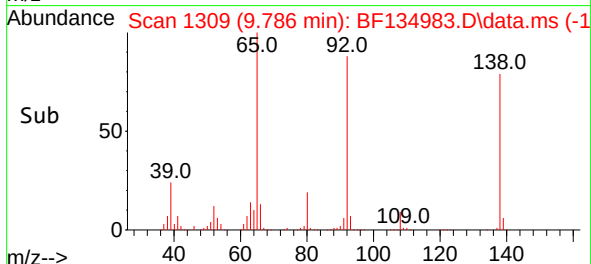
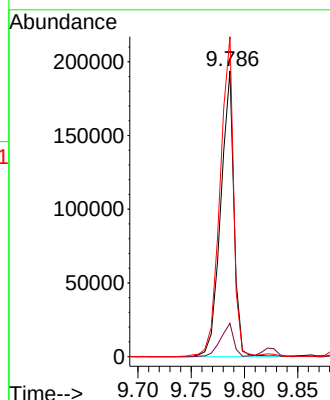
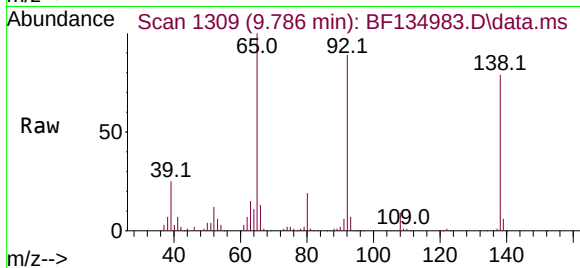
Tgt Ion:138 Resp: 167831

Ion Ratio Lower Upper

138 100

108 11.6 8.0 12.0

92 112.0 87.6 131.4



#54

2,4-Dinitrophenol

Concen: 106.358 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

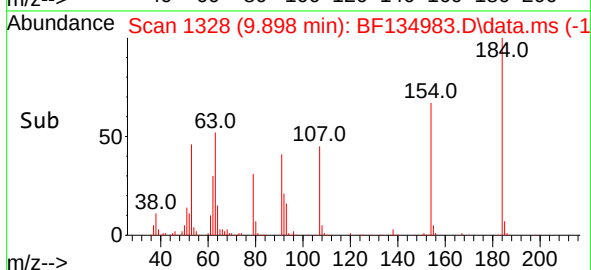
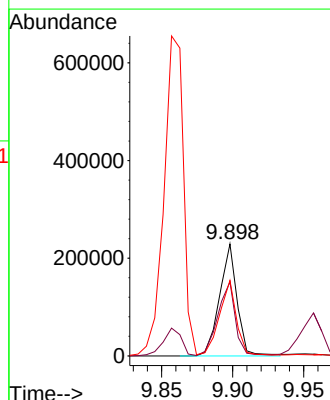
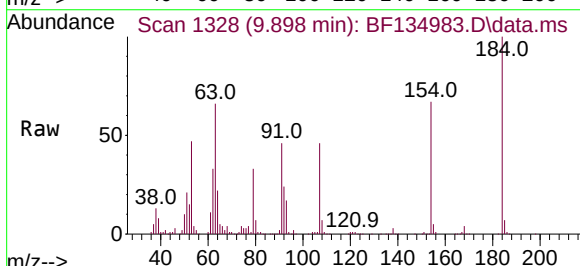
Tgt Ion:184 Resp: 196328

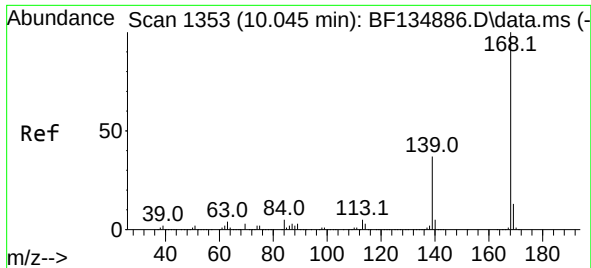
Ion Ratio Lower Upper

184 100

63 66.1 42.8 64.2#

154 67.4 48.0 72.0

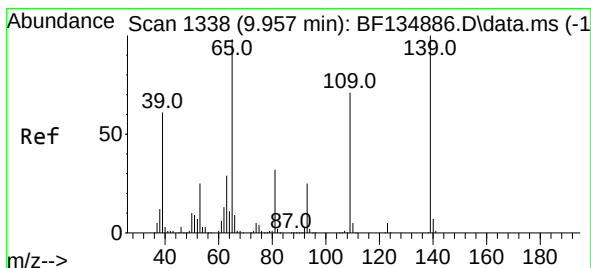
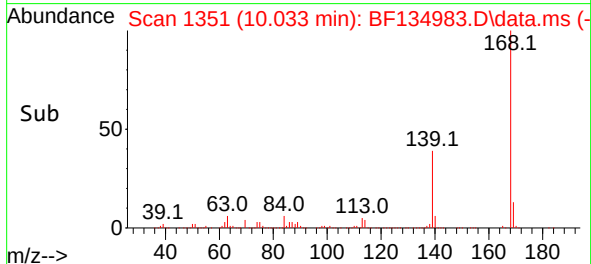
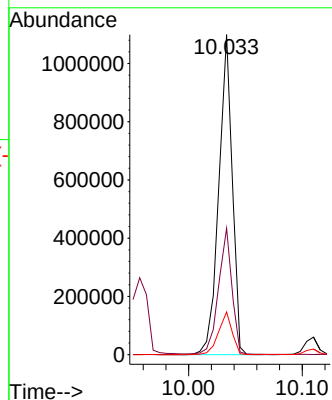
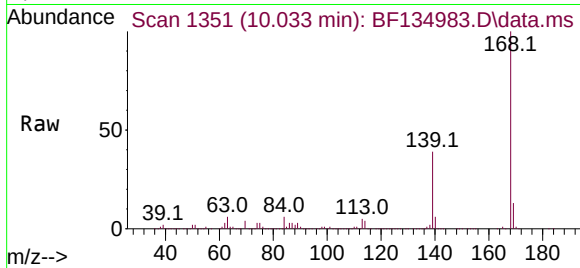




#55
Dibenzofuran
Concen: 43.725 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

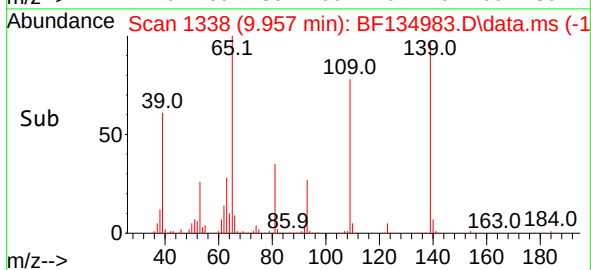
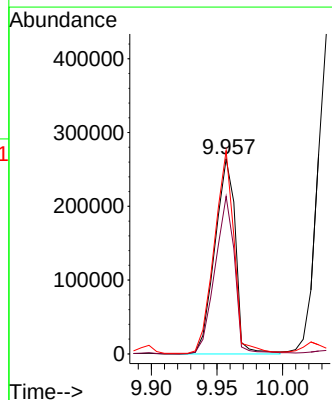
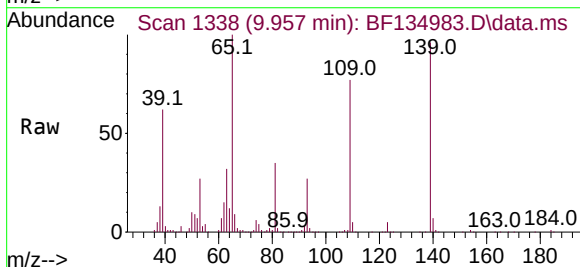
Instrument :
BNA_F
ClientSampleId :
PB155083BS

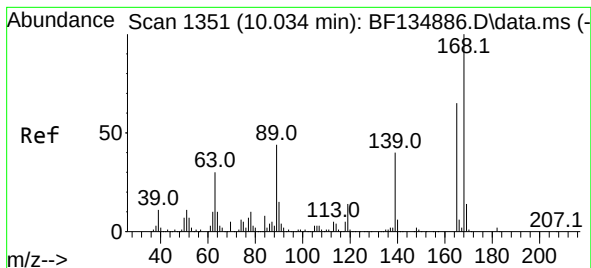
Tgt Ion:168 Resp: 904874
Ion Ratio Lower Upper
168 100
139 39.5 29.5 44.3
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 97.167 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:139 Resp: 288540
Ion Ratio Lower Upper
139 100
109 80.8 51.0 91.0
65 104.3 78.5 118.5

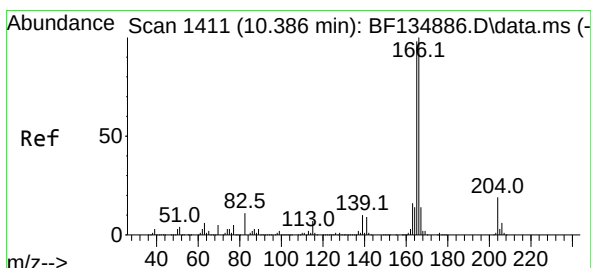
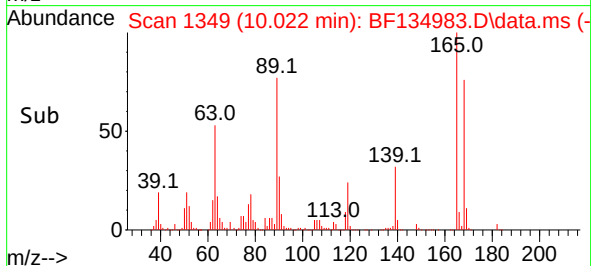
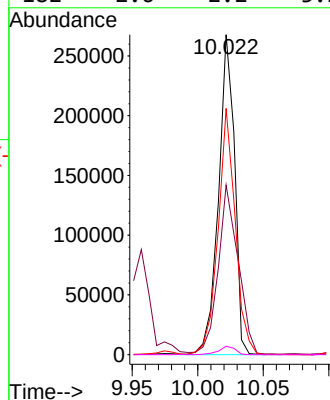
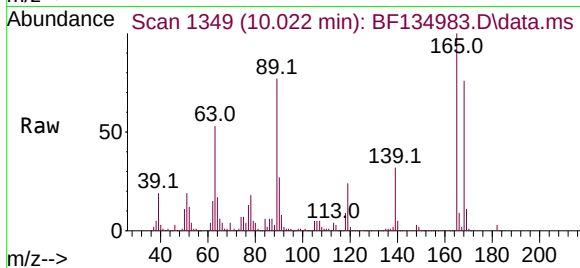




#57
2,4-Dinitrotoluene
Concen: 47.200 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

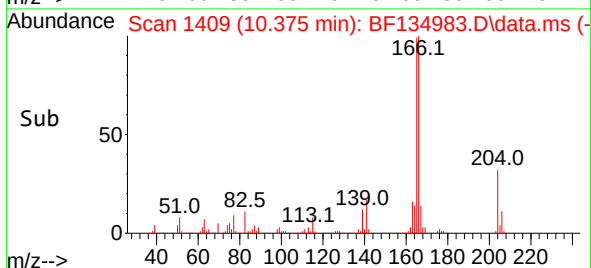
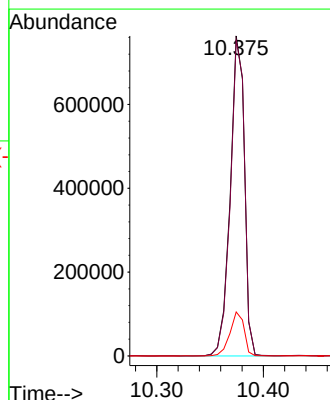
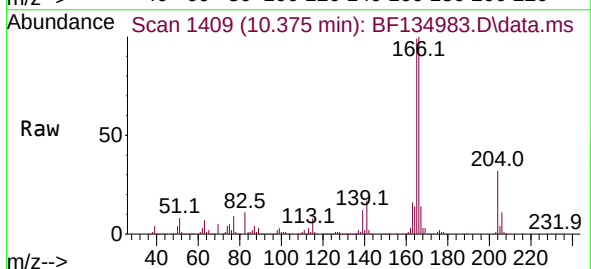
Instrument :
BNA_F
ClientSampleId :
PB155083BS

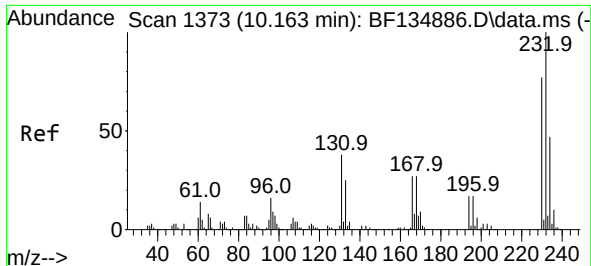
Tgt Ion:165 Resp: 227728
Ion Ratio Lower Upper
165 100
63 53.0 37.7 56.5
89 76.9 54.2 81.4
182 2.6 2.2 3.2



#58
Fluorene
Concen: 45.178 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.011 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:166 Resp: 709120
Ion Ratio Lower Upper
166 100
165 98.7 78.5 117.7
167 13.8 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.637 ng

RT: 10.151 min Scan# 1371

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

Tgt Ion:232 Resp: 210376

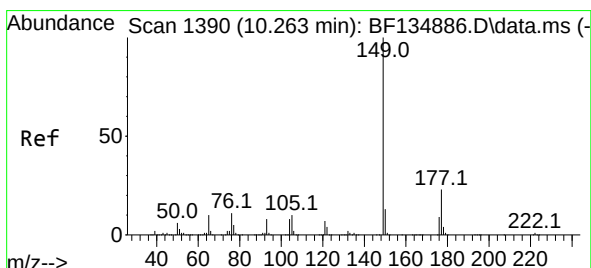
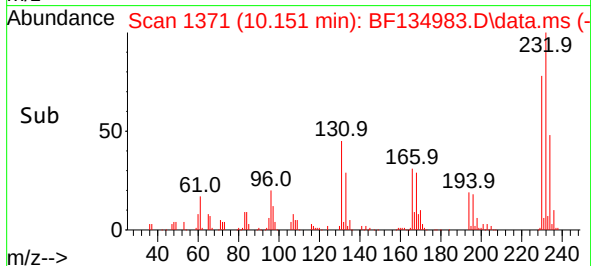
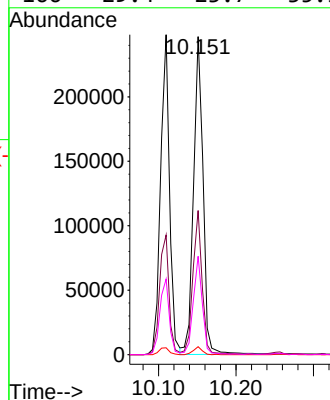
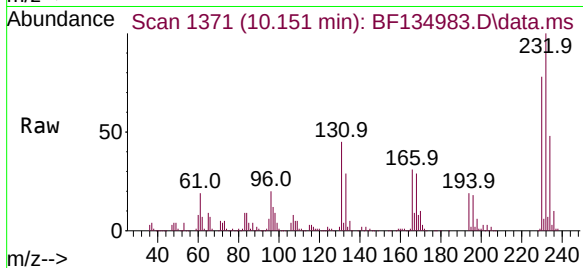
Ion Ratio Lower Upper

232 100

131 43.6 33.9 50.9

130 2.3 1.6 2.4

166 29.4 23.7 35.5



#60

Diethylphthalate

Concen: 45.169 ng

RT: 10.257 min Scan# 1389

Delta R.T. -0.006 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

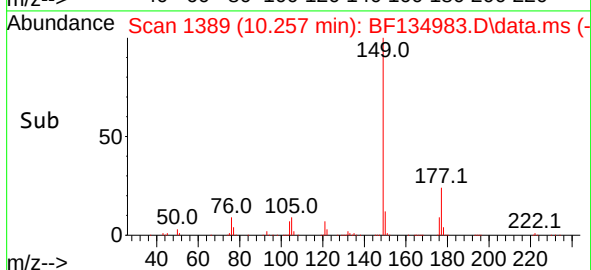
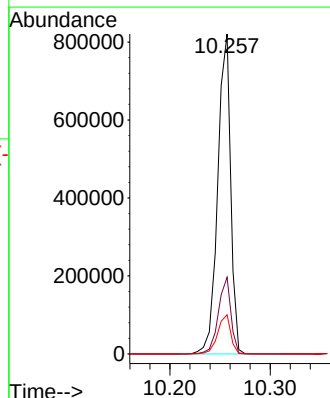
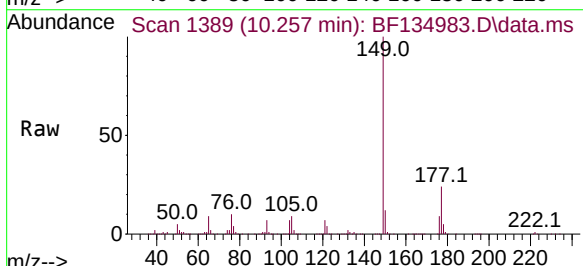
Tgt Ion:149 Resp: 732013

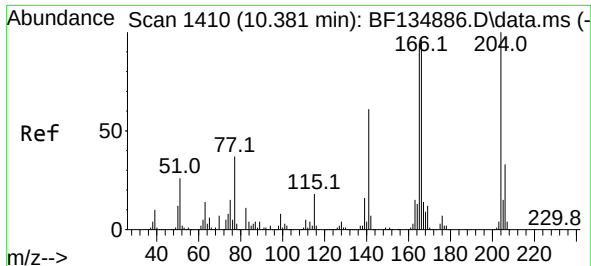
Ion Ratio Lower Upper

149 100

177 23.9 18.4 27.6

150 12.2 10.3 15.5

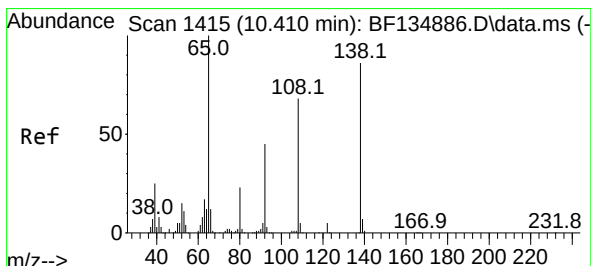
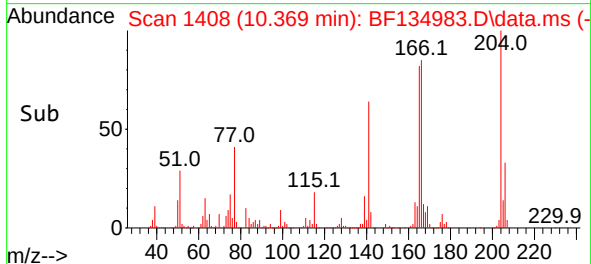
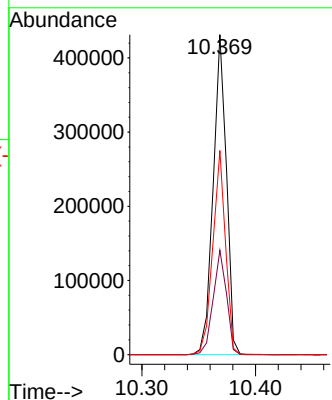
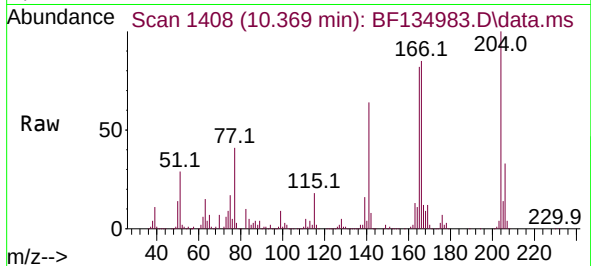




#61
4-Chlorophenyl-phenylether
Concen: 44.490 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

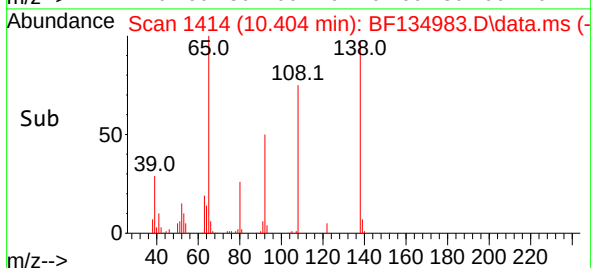
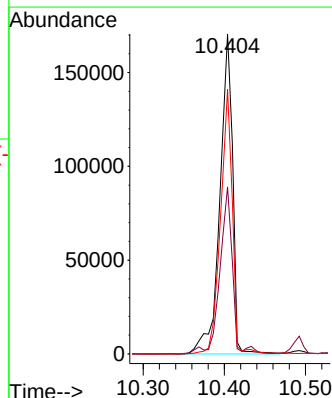
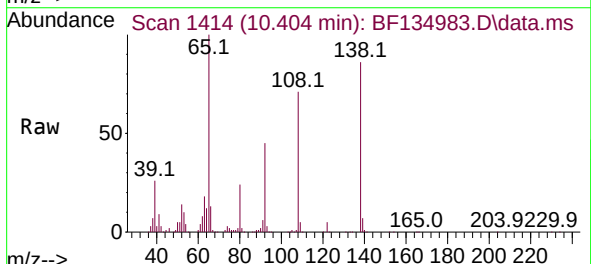
Instrument :
BNA_F
ClientSampleId :
PB155083BS

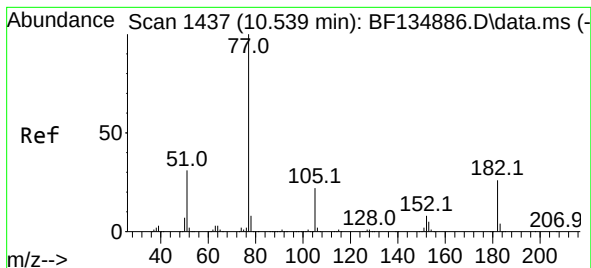
Tgt Ion:204 Resp: 350058
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 63.8 48.6 73.0



#62
4-Nitroaniline
Concen: 46.560 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:138 Resp: 185466
Ion Ratio Lower Upper
138 100
92 52.2 32.5 72.5
108 82.6 58.6 98.6





#63

Azobenzene

Concen: 44.398 ng

RT: 10.533 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

Tgt Ion: 77 Resp: 714773

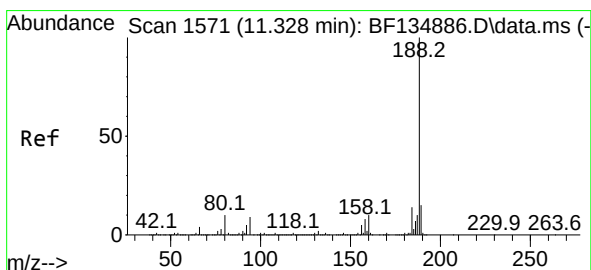
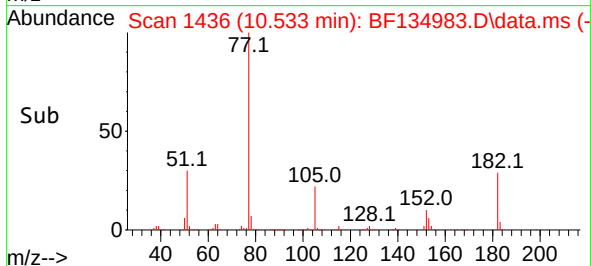
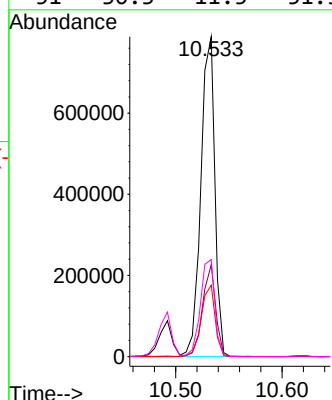
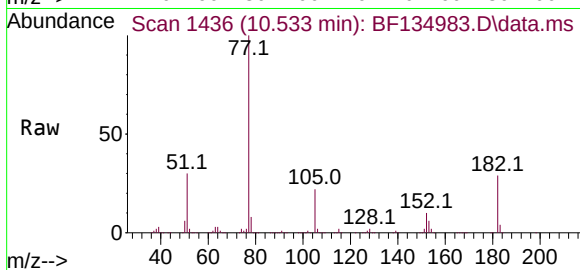
Ion Ratio Lower Upper

77 100

182 28.8 5.8 45.8

105 22.3 1.6 41.6

51 30.3 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: BF134983.D

Acq: 29 Aug 2023 14:41

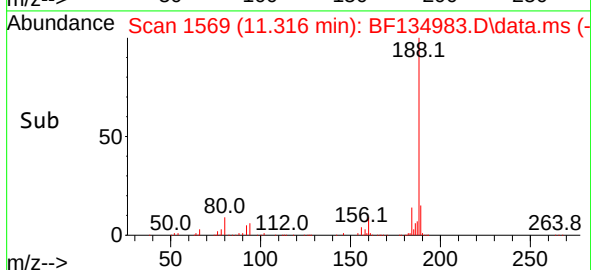
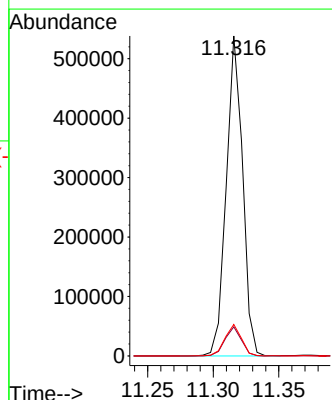
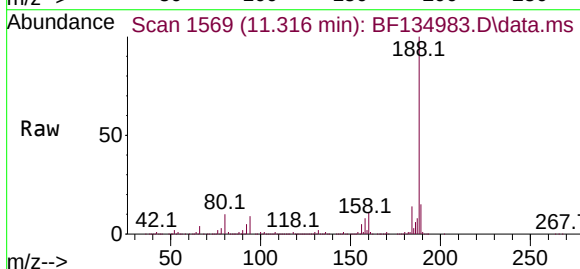
Tgt Ion: 188 Resp: 467384

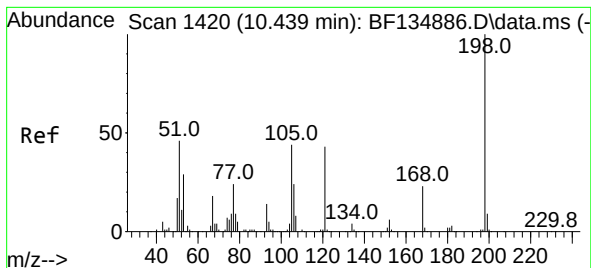
Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

80 9.8 7.8 11.6

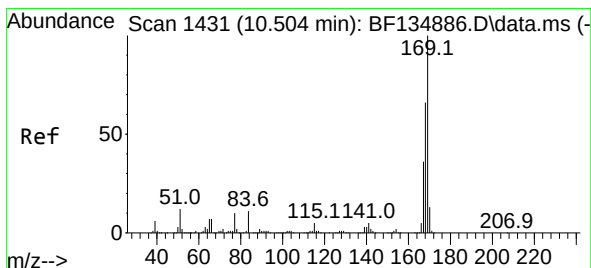
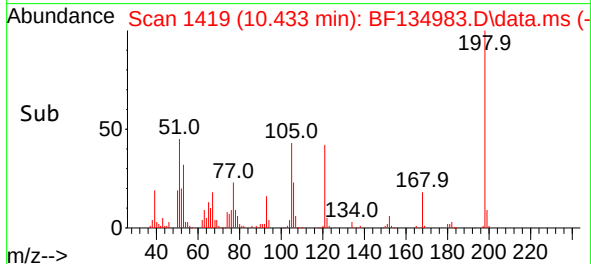
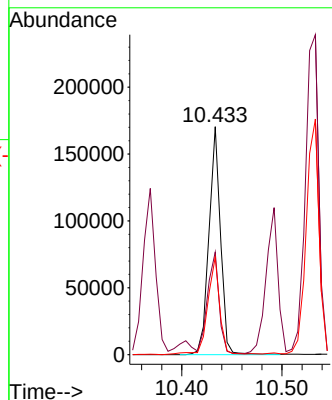
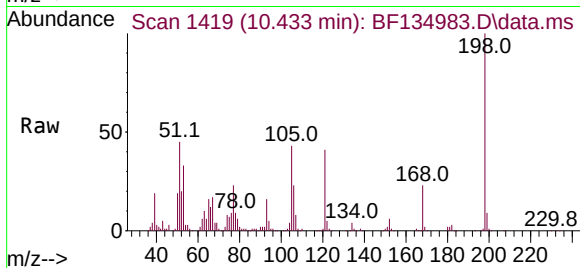




#65
4,6-Dinitro-2-methylphenol
Concen: 49.302 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

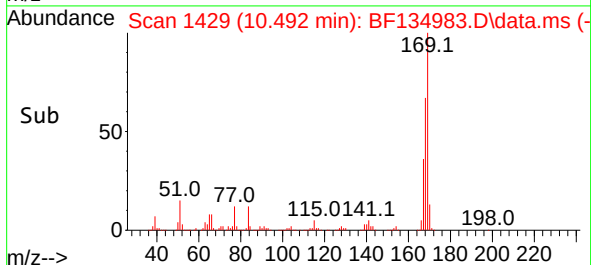
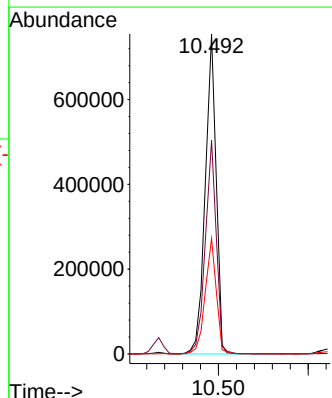
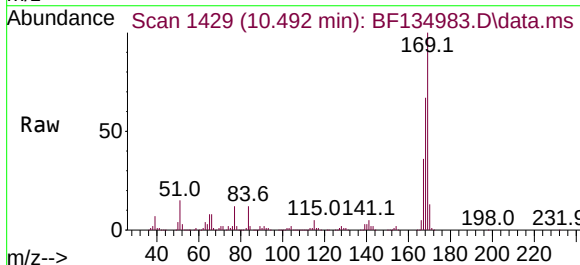
Instrument :
BNA_F
ClientSampleId :
PB155083BS

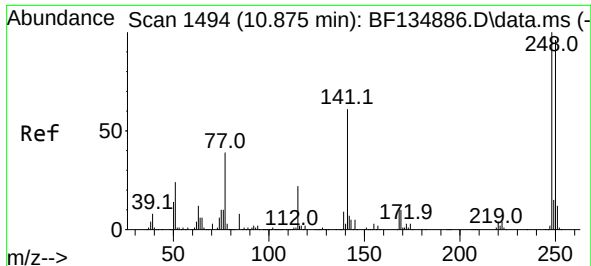
Tgt Ion:198 Resp: 135967
Ion Ratio Lower Upper
198 100
51 45.0 30.3 70.3
105 42.8 24.5 64.5



#66
n-Nitrosodiphenylamine
Concen: 42.391 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:169 Resp: 638026
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.6
167 36.1 29.0 43.6

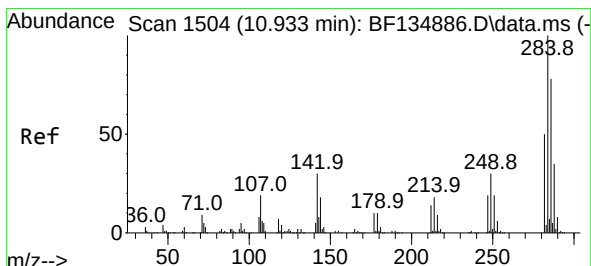
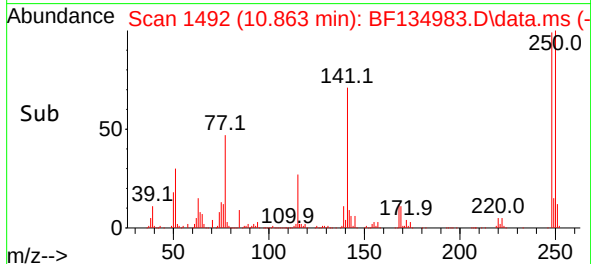
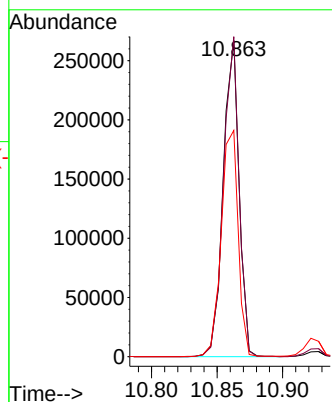
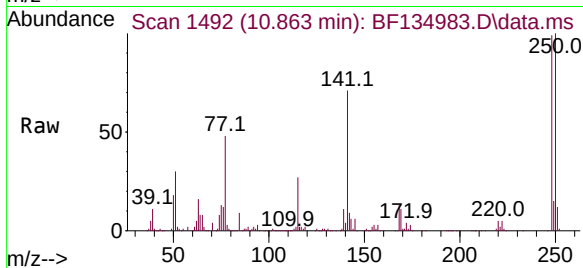




#67
4-Bromophenyl-phenylether
Concen: 41.871 ng
RT: 10.863 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

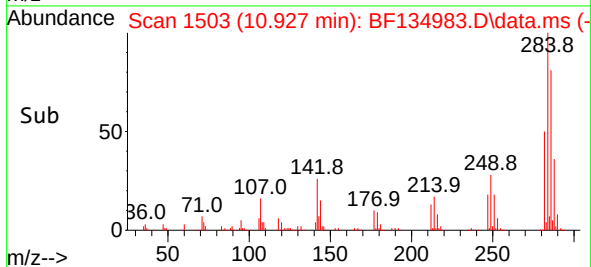
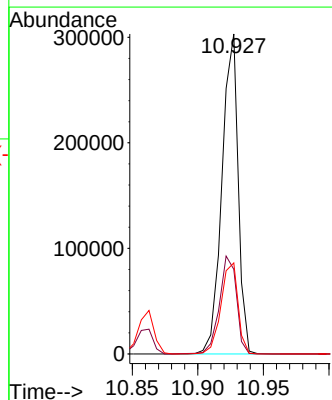
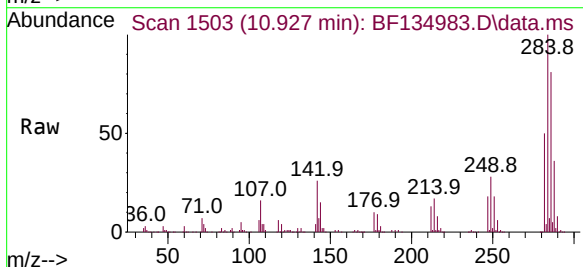
Instrument :
BNA_F
ClientSampleId :
PB155083BS

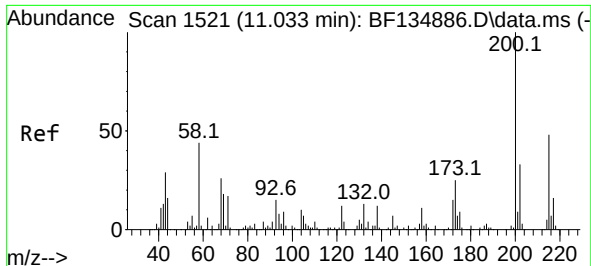
Tgt Ion:248 Resp: 225777
Ion Ratio Lower Upper
248 100
250 101.2 77.1 115.7
141 71.5 49.0 73.4



#68
Hexachlorobenzene
Concen: 45.592 ng
RT: 10.927 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:284 Resp: 261461
Ion Ratio Lower Upper
284 100
142 26.4 23.9 35.9
249 28.4 24.1 36.1

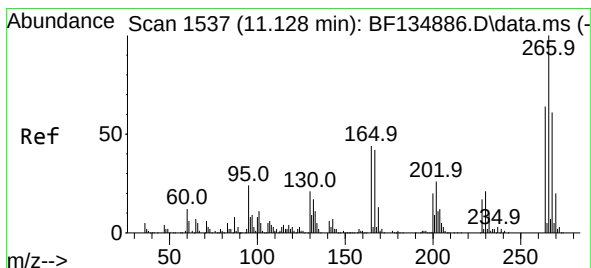
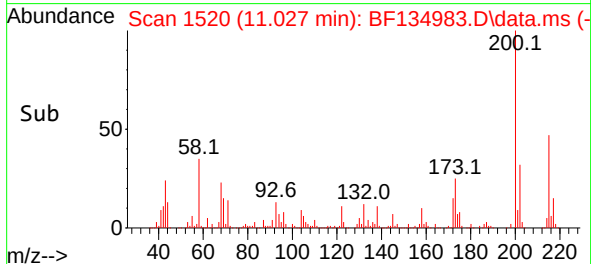
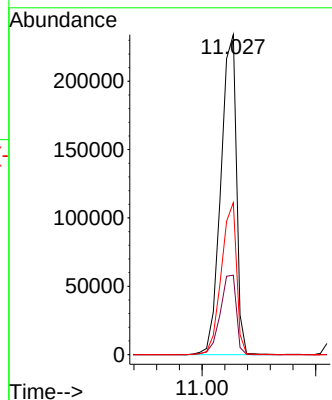
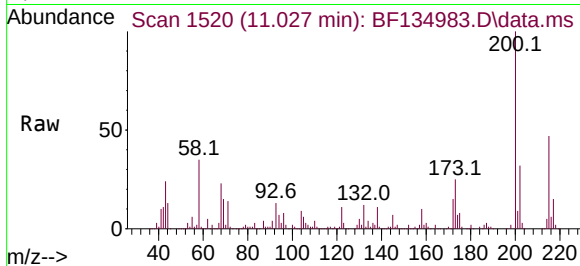




#69
 Atrazine
 Concen: 54.575 ng
 RT: 11.027 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134983.D
 Acq: 29 Aug 2023 14:41

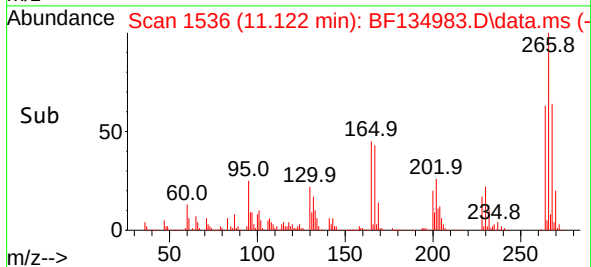
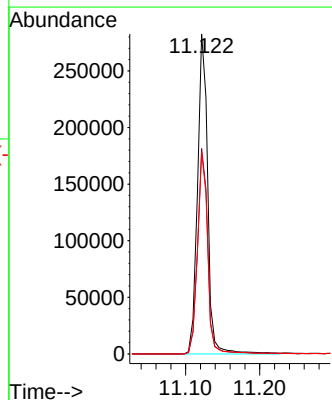
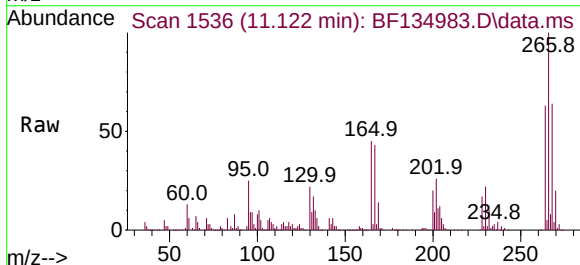
Instrument :
 BNA_F
 ClientSampleId :
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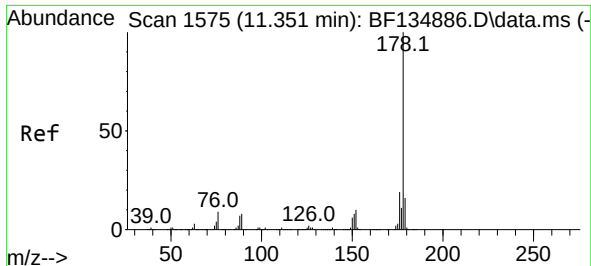
Tgt Ion:200 Resp: 223052
 Ion Ratio Lower Upper
 200 100
 173 24.8 5.3 45.3
 215 47.5 28.3 68.3



#70
 Pentachlorophenol
 Concen: 78.116 ng
 RT: 11.122 min Scan# 1536
 Delta R.T. -0.006 min
 Lab File: BF134983.D
 Acq: 29 Aug 2023 14:41

Tgt Ion:266 Resp: 269597
 Ion Ratio Lower Upper
 266 100
 268 64.2 48.9 73.3
 264 63.1 51.0 76.6

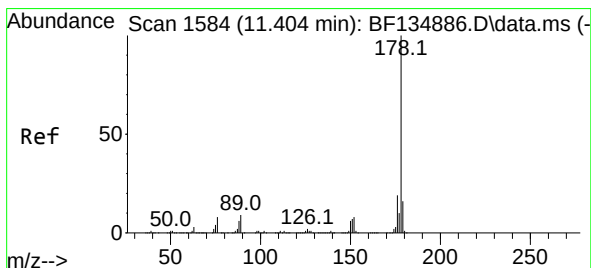
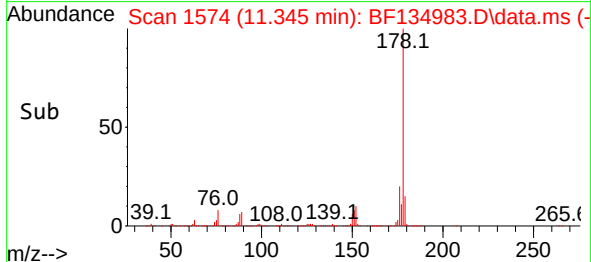
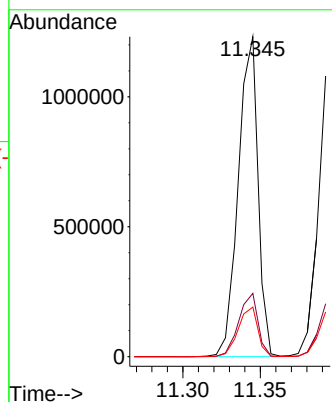
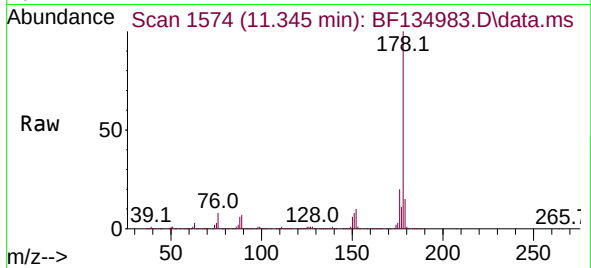




#71
Phenanthrene
Concen: 44.479 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

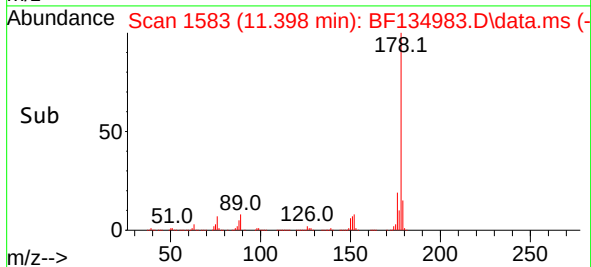
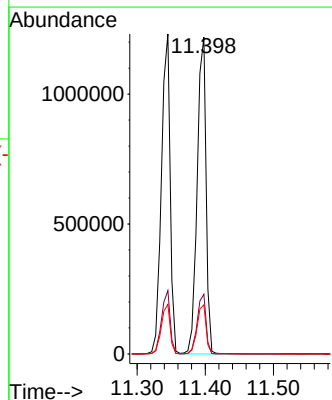
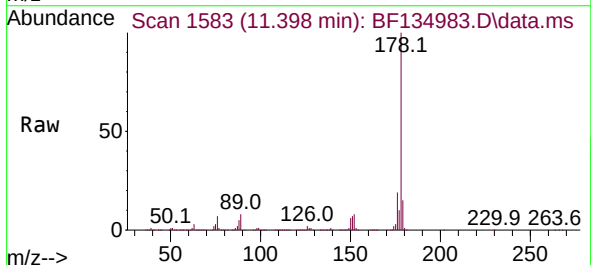
Instrument :
BNA_F
ClientSampleId :
PB155083BS

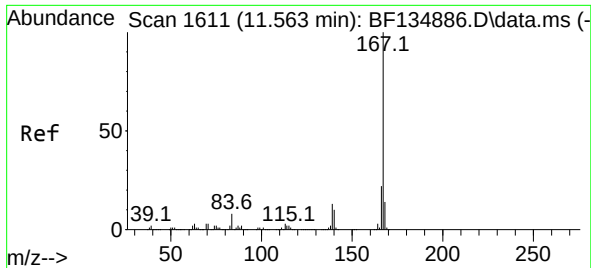
Tgt Ion:178 Resp: 1089368
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.5 12.6 19.0



#72
Anthracene
Concen: 44.100 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:178 Resp: 1106658
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.5 12.5 18.7

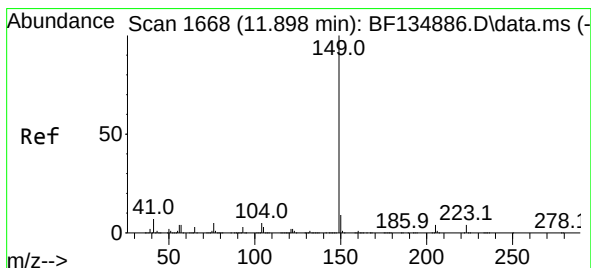
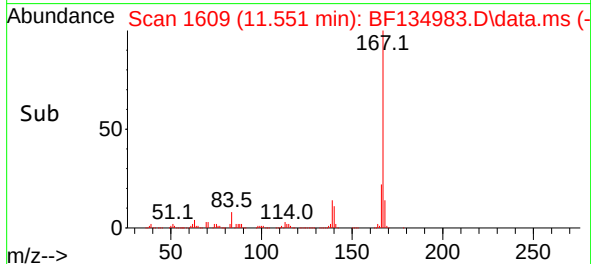
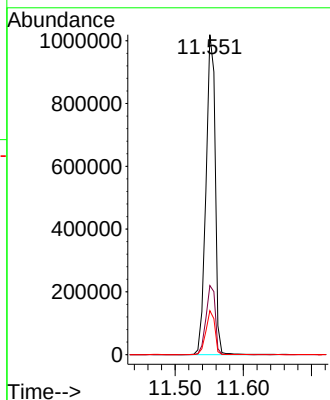
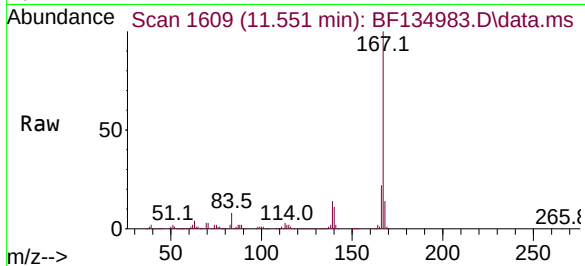




#73
Carbazole
Concen: 46.269 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

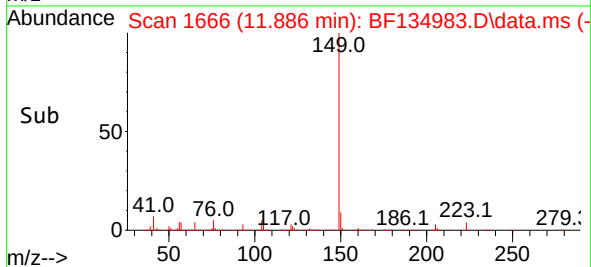
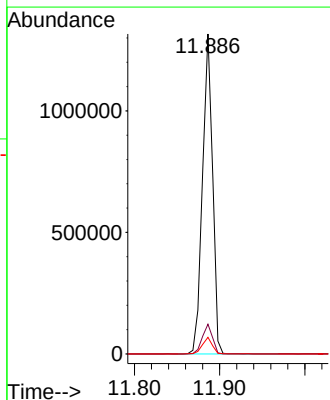
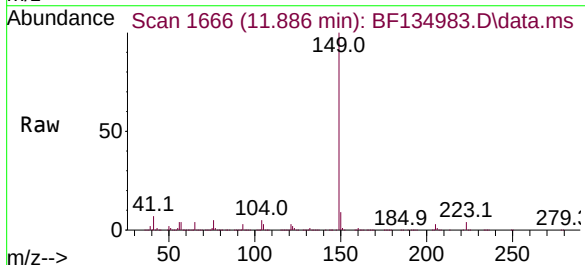
Instrument :
BNA_F
ClientSampleId :
PB155083BS

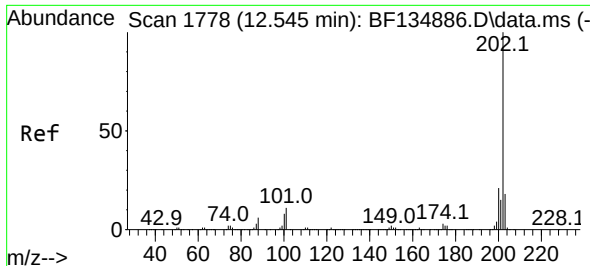
Tgt Ion:167 Resp: 956756
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.2
139 13.7 10.4 15.6



#74
Di-n-butylphthalate
Concen: 45.534 ng
RT: 11.886 min Scan# 1666
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:149 Resp: 1079883
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 5.2 4.1 6.1

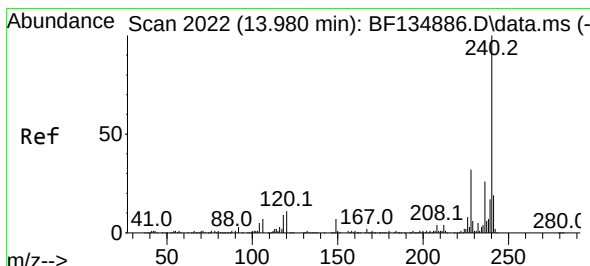
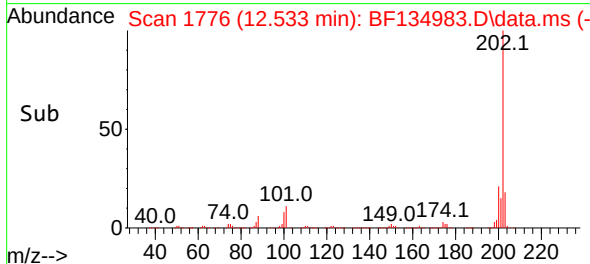
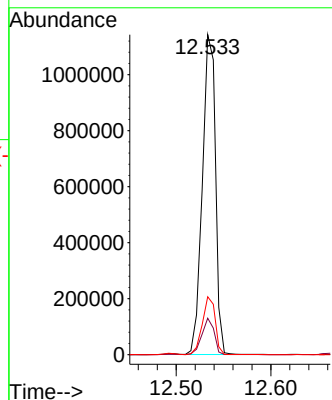
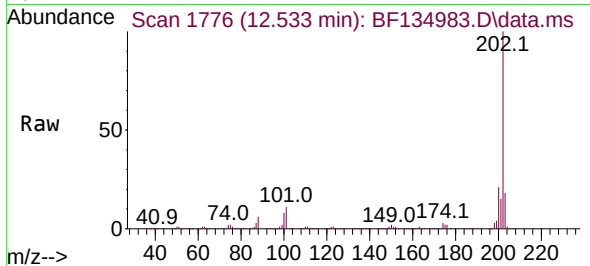




#75
Fluoranthene
Concen: 47.440 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

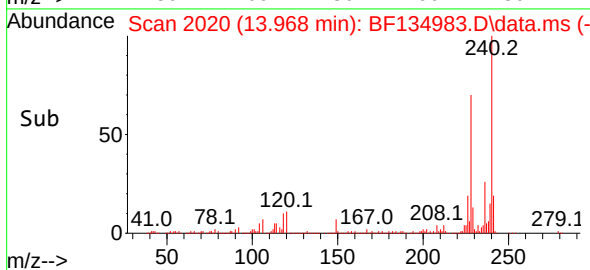
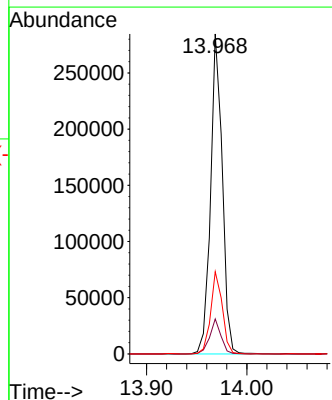
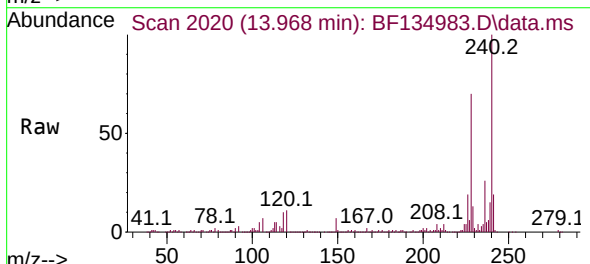
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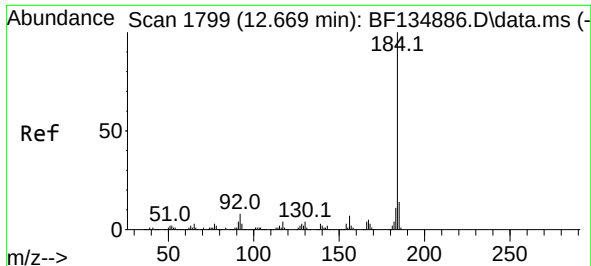
Tgt Ion:202 Resp: 1100905
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.5
203 18.1 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:240 Resp: 229856
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 25.7 20.6 31.0

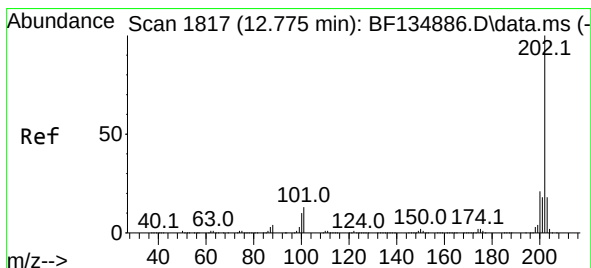
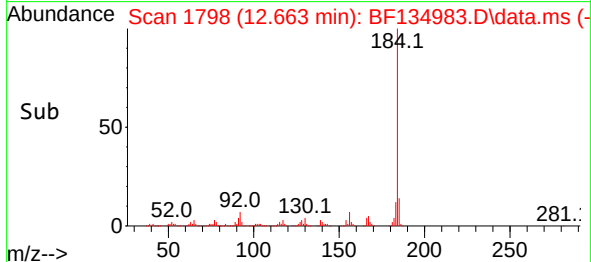
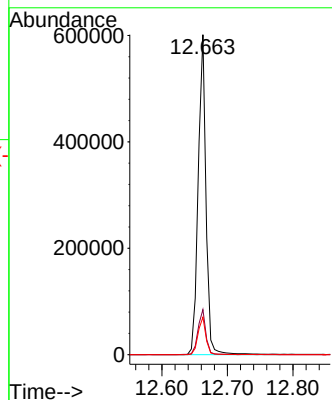
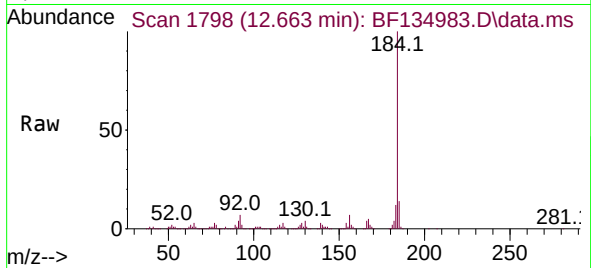




#77
Benzidine
Concen: 133.050 ng
RT: 12.663 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

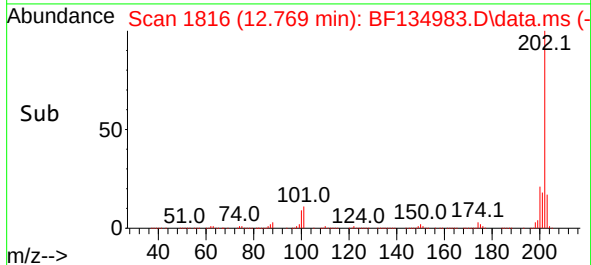
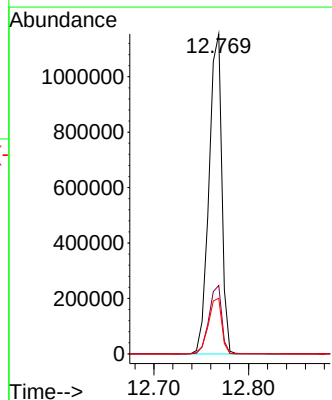
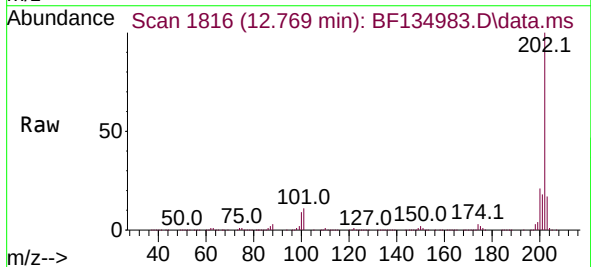
Instrument :
BNA_F
ClientSampleId :
PB155083BS

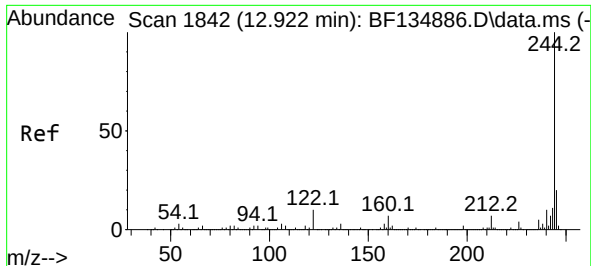
Tgt Ion:184 Resp: 496193
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 11.7 9.0 13.4



#78
Pyrene
Concen: 44.635 ng
RT: 12.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:202 Resp: 1087782
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.4 14.2 21.2

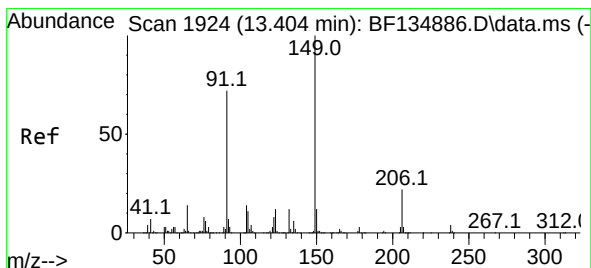
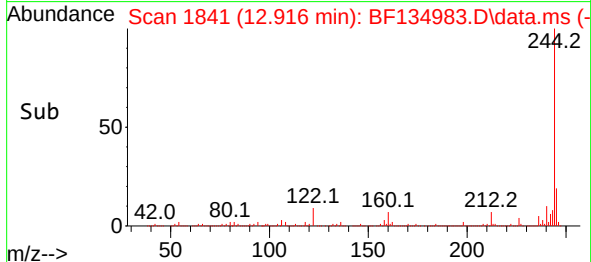
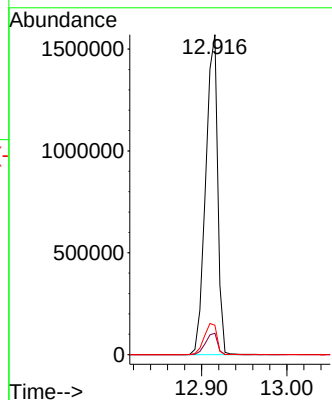
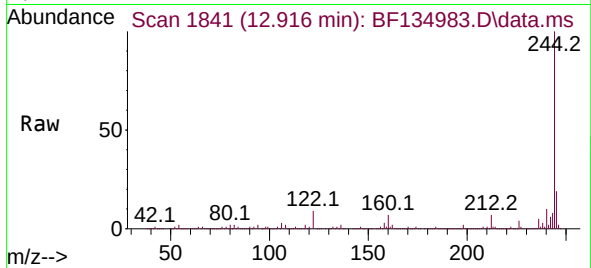




#79
 Terphenyl-d14
 Concen: 91.725 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF134983.D
 Acq: 29 Aug 2023 14:41

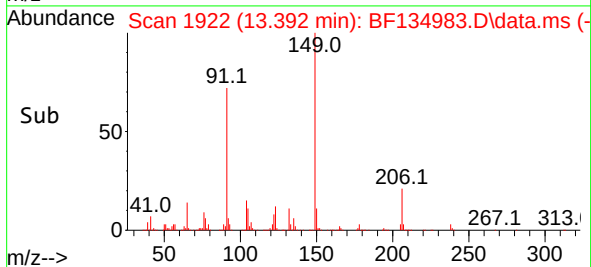
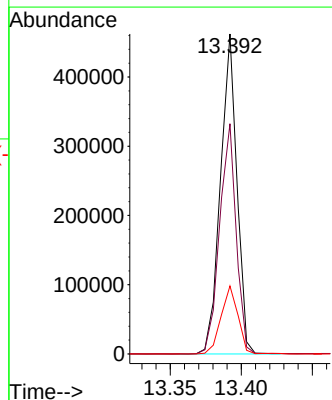
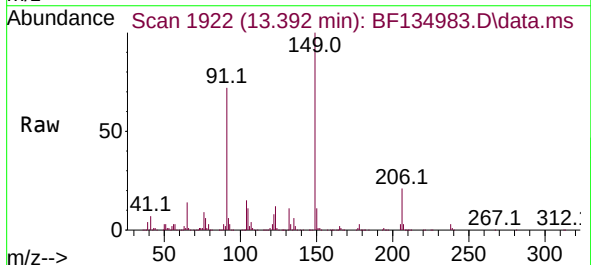
Instrument :
 BNA_F
 ClientSampleId :
 PB155083BS

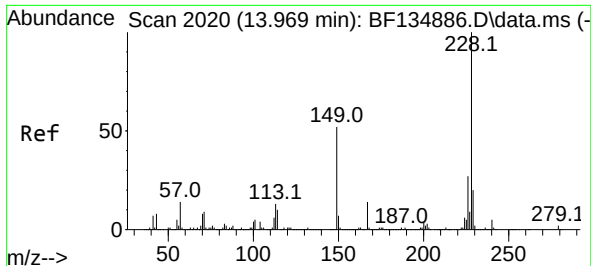
Tgt Ion:244 Resp: 1532906
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.2 8.2 12.4



#80
 Butylbenzylphthalate
 Concen: 50.244 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF134983.D
 Acq: 29 Aug 2023 14:41

Tgt Ion:149 Resp: 373068
 Ion Ratio Lower Upper
 149 100
 91 71.9 57.2 85.8
 206 21.2 18.0 27.0

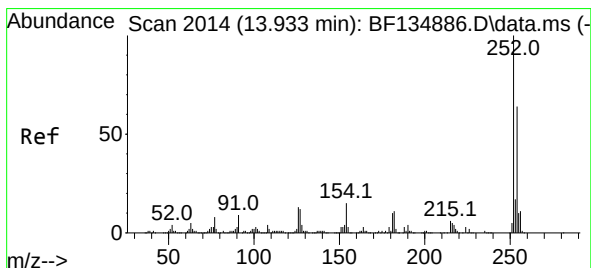
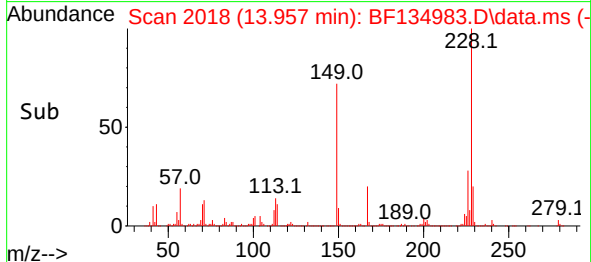
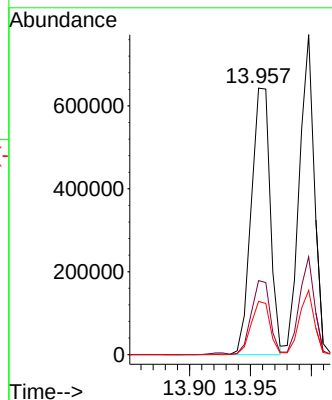
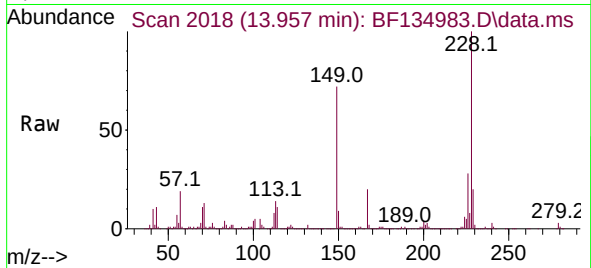




#81
Benzo(a)anthracene
Concen: 44.556 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

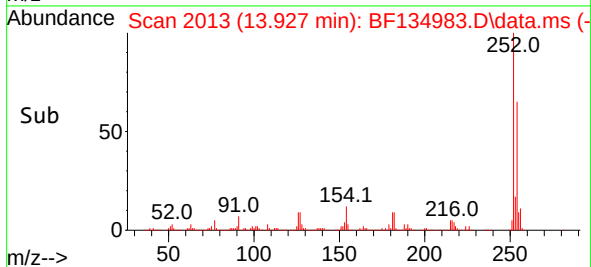
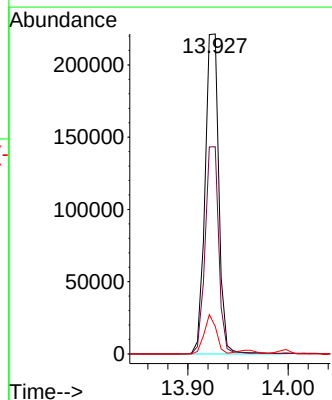
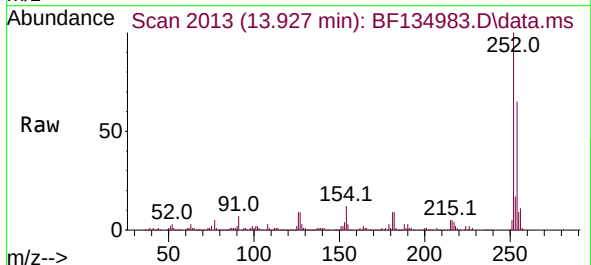
Instrument :
BNA_F
ClientSampleId :
PB155083BS

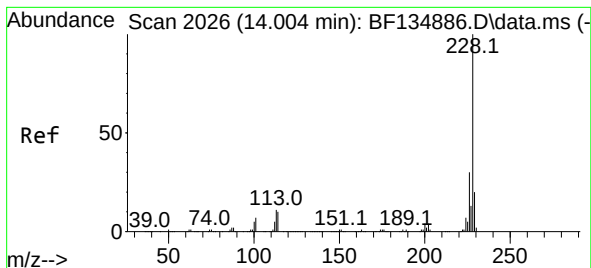
Tgt Ion:228 Resp: 698748
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.6
229 20.0 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 42.325 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:252 Resp: 210085
Ion Ratio Lower Upper
252 100
254 64.7 51.6 77.4
126 8.6 10.3 15.5#





#83

Chrysene

Concen: 42.799 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

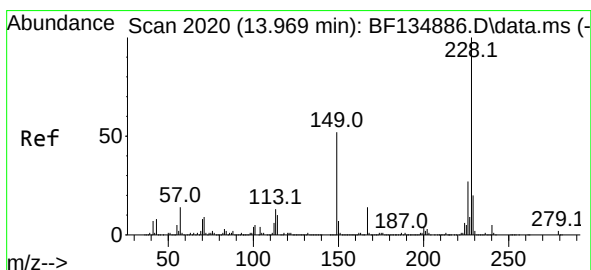
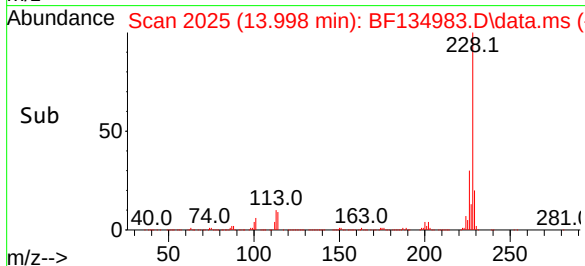
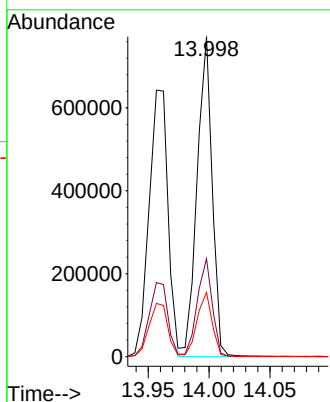
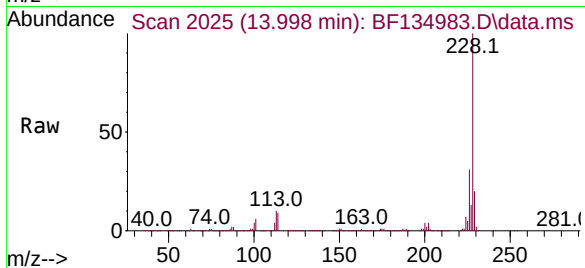
Tgt Ion:228 Resp: 662252

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.812 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

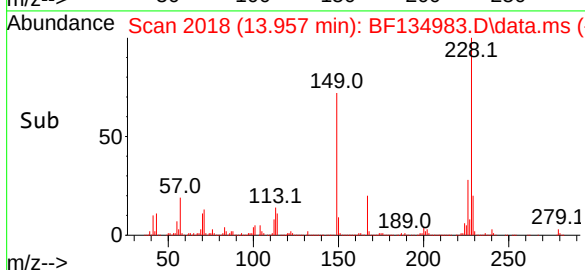
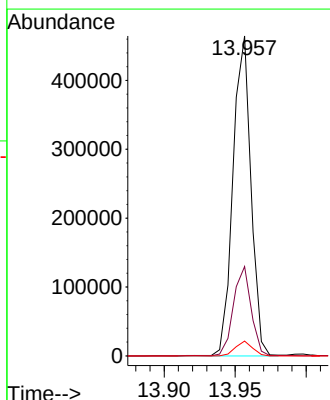
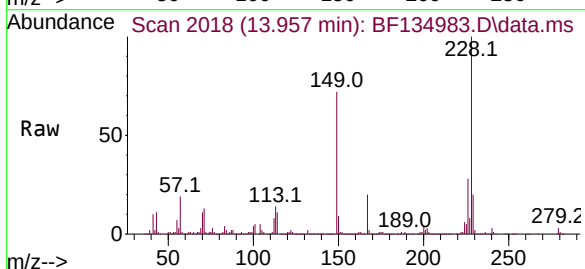
Tgt Ion:149 Resp: 408691

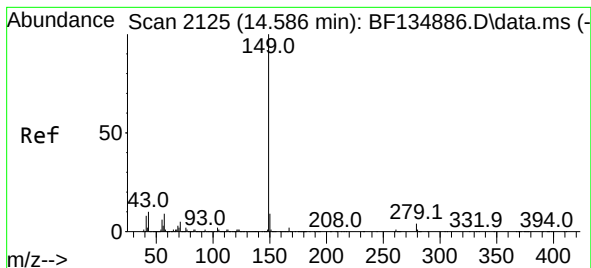
Ion Ratio Lower Upper

149 100

167 27.9 22.1 33.1

279 4.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 42.955 ng

RT: 14.574 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

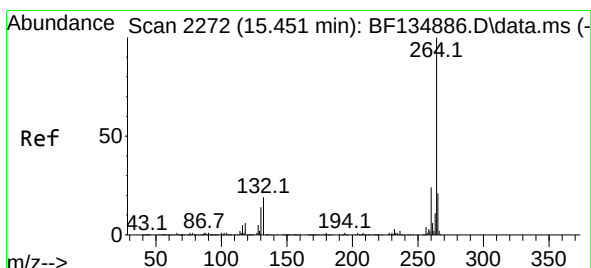
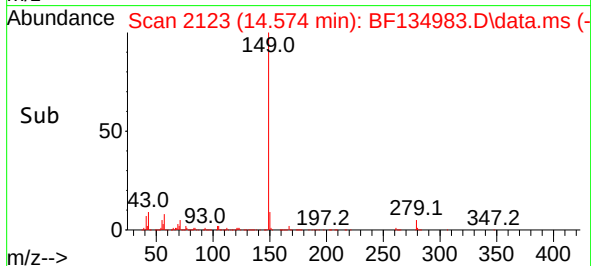
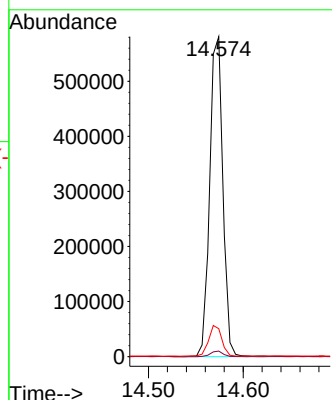
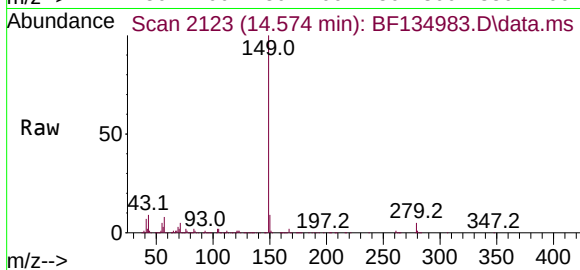
Tgt Ion:149 Resp: 563389

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.6 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: BF134983.D

Acq: 29 Aug 2023 14:41

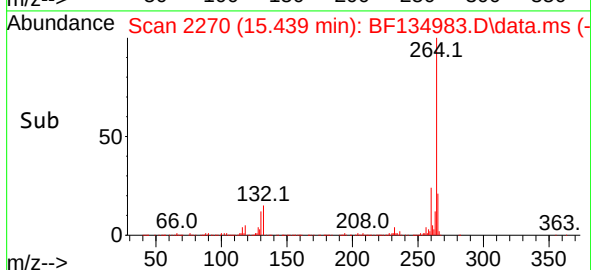
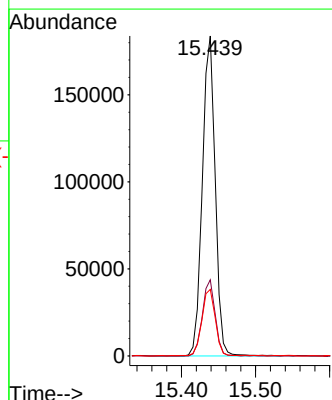
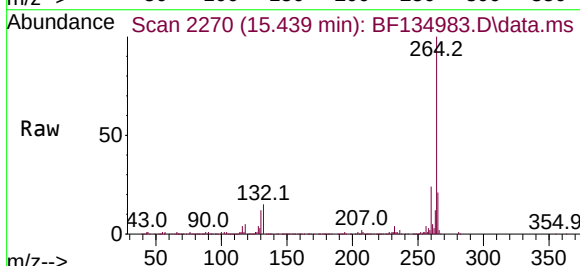
Tgt Ion:264 Resp: 221402

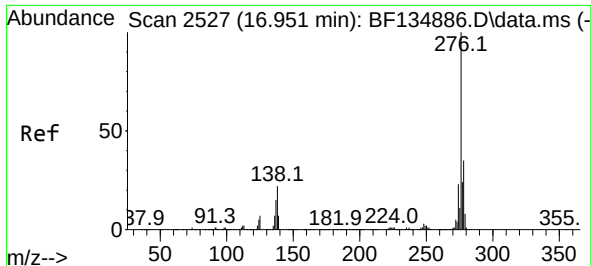
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 20.8 17.1 25.7

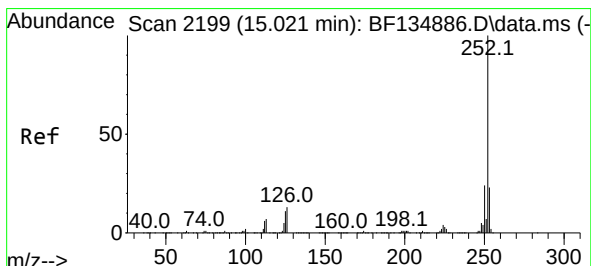
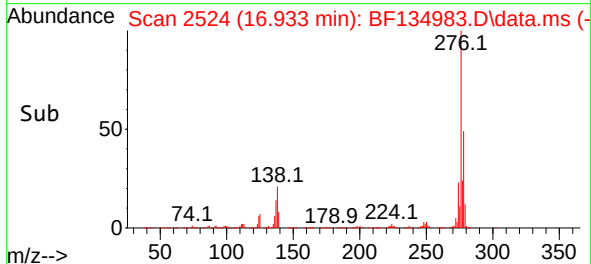
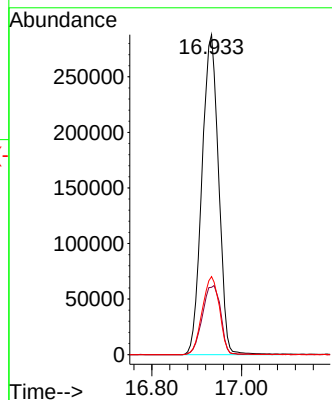
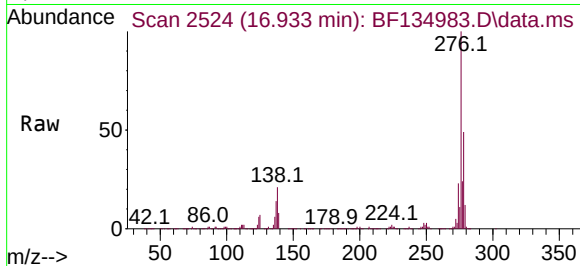




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.767 ng
 RT: 16.933 min Scan# 2119
 Delta R.T. -0.018 min
 Lab File: BF134983.D
 Acq: 29 Aug 2023 14:41

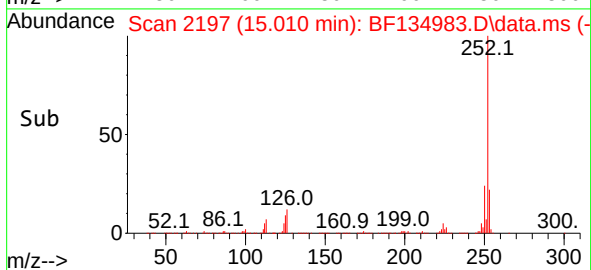
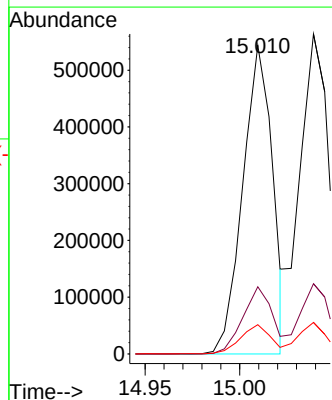
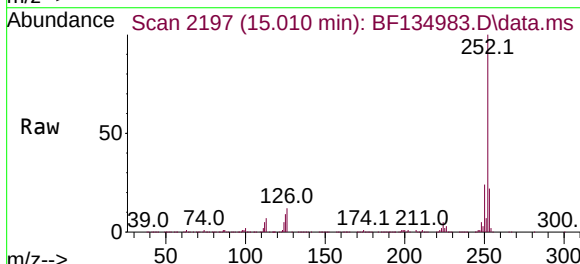
Instrument :
 BNA_F
 ClientSampleId :
 PB155083BS

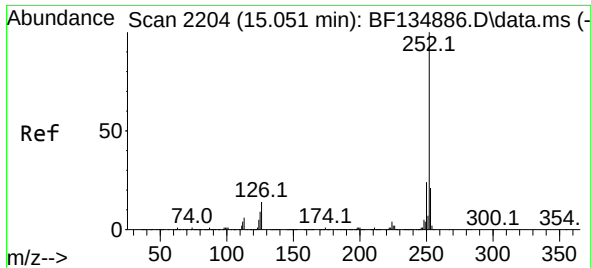
Tgt Ion:276 Resp: 740119
 Ion Ratio Lower Upper
 276 100
 138 23.7 19.7 29.5
 277 25.2 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 47.904 ng
 RT: 15.010 min Scan# 2197
 Delta R.T. -0.012 min
 Lab File: BF134983.D
 Acq: 29 Aug 2023 14:41

Tgt Ion:252 Resp: 598389
 Ion Ratio Lower Upper
 252 100
 253 21.7 18.1 27.1
 125 9.5 8.4 12.6





#89

Benzo(k)fluoranthene

Concen: 48.696 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

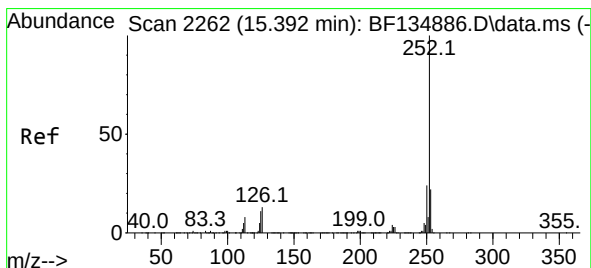
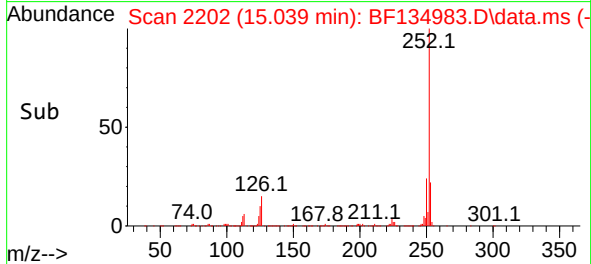
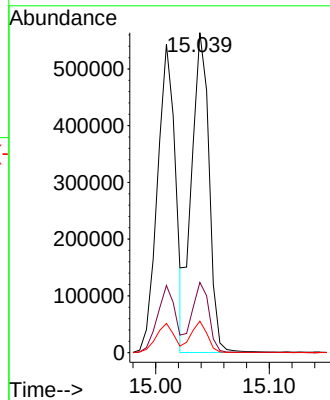
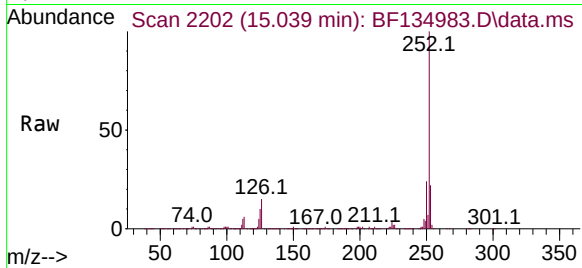
Tgt Ion:252 Resp: 597322

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 9.8 8.0 12.0



#90

Benzo(a)pyrene

Concen: 44.103 ng

RT: 15.374 min Scan# 2259

Delta R.T. -0.018 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

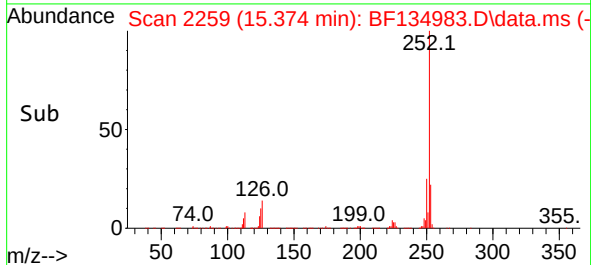
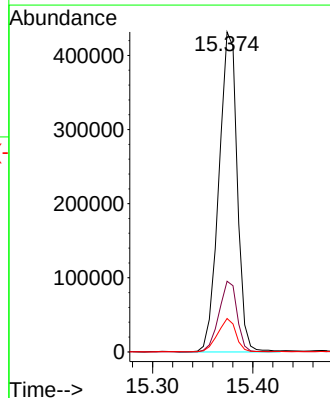
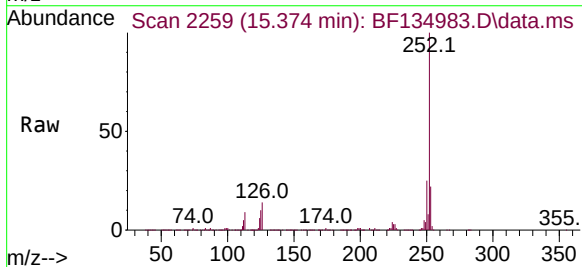
Tgt Ion:252 Resp: 549965

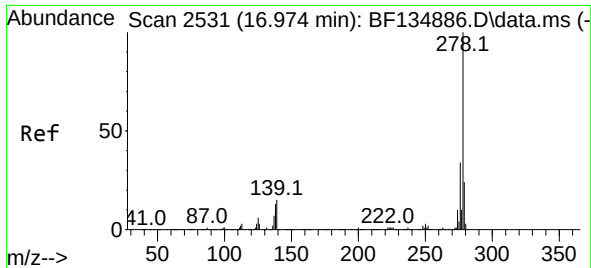
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 10.4 8.4 12.6

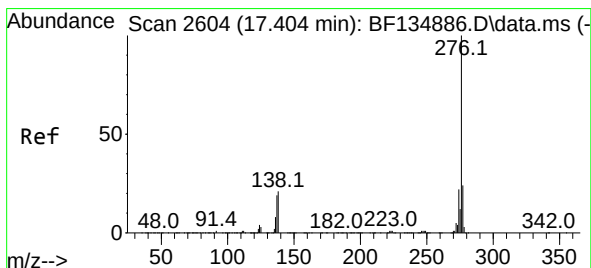
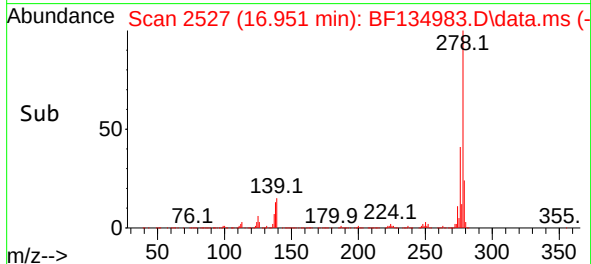
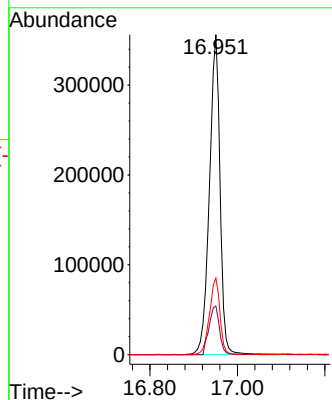
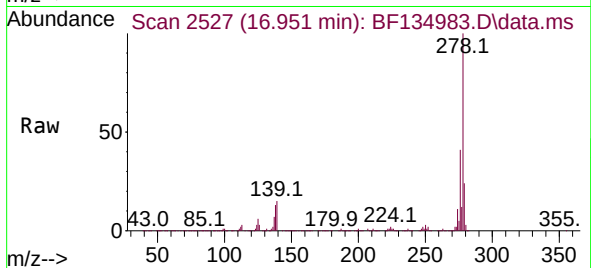




#91
 Dibenzo(a,h)anthracene
 Concen: 46.755 ng
 RT: 16.951 min Scan# 2527
 Delta R.T. -0.024 min
 Lab File: BF134983.D
 Acq: 29 Aug 2023 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB155083BS

Tgt Ion:278 Resp: 598688
 Ion Ratio Lower Upper
 278 100
 139 15.2 12.2 18.4
 279 23.9 19.1 28.7



#92
 Benzo(g,h,i)perylene
 Concen: 45.987 ng
 RT: 17.386 min Scan# 2601
 Delta R.T. -0.018 min
 Lab File: BF134983.D
 Acq: 29 Aug 2023 14:41

Tgt Ion:276 Resp: 602805
 Ion Ratio Lower Upper
 276 100
 277 23.5 19.2 28.8
 138 20.1 17.0 25.6

