

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134283.D
 Acq On : 14 Jul 2023 10:49
 Operator : CG\JU
 Sample : PB154160BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154160BS

Quant Time: Jul 15 00:21:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	86595	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	344483	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	180200	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	356350	20.000	ng	0.00
76) Chrysene-d12	14.045	240	270560	20.000	ng	0.00
86) Perylene-d12	15.551	264	254078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	609858	117.807	ng	0.02
7) Phenol-d6	6.492	99	731111	114.839	ng	0.00
23) Nitrobenzene-d5	7.410	82	507750	79.454	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	276161	122.230	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	981417	79.183	ng	0.00
79) Terphenyl-d14	12.980	244	1244940	74.055	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	82861	38.819	ng	99
3) Pyridine	3.469	79	165917	29.842	ng	97
4) n-Nitrosodimethylamine	3.428	42	130310	41.037	ng	99
6) Aniline	6.510	93	164034	21.174	ng	# 77
8) 2-Chlorophenol	6.634	128	241347	45.927	ng	95
9) Benzaldehyde	6.398	77	58212	13.685	ng	97
10) Phenol	6.504	94	286325	42.775	ng	87
11) bis(2-Chloroethyl)ether	6.581	93	222270	45.103	ng	97
12) 1,3-Dichlorobenzene	6.787	146	256705	45.820	ng	97
13) 1,4-Dichlorobenzene	6.863	146	255306	45.117	ng	100
14) 1,2-Dichlorobenzene	7.010	146	246562	46.524	ng	99
15) Benzyl Alcohol	6.992	79	222494	45.334	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	346666	39.762	ng	93
17) 2-Methylphenol	7.104	107	198465	42.175	ng	94
18) Hexachloroethane	7.351	117	98787	47.082	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	177083	43.861	ng	99
20) 3+4-Methylphenols	7.257	107	248582	43.543	ng	93
22) Acetophenone	7.257	105	348597	44.496	ng	# 96
24) Nitrobenzene	7.428	77	264512	40.960	ng	95
25) Isophorone	7.669	82	472996	40.725	ng	99
26) 2-Nitrophenol	7.745	139	129958	41.950	ng	98
27) 2,4-Dimethylphenol	7.781	122	212673	43.370	ng	93
28) bis(2-Chloroethoxy)met...	7.875	93	270710	40.254	ng	99
29) 2,4-Dichlorophenol	7.986	162	204556	42.067	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	217467	43.342	ng	97
31) Naphthalene	8.145	128	687619	41.324	ng	100
32) Benzoic acid	7.922	122	164367	44.731	ng	94
33) 4-Chloroaniline	8.198	127	79659	11.192	ng	98
34) Hexachlorobutadiene	8.257	225	140975	44.541	ng	97
35) Caprolactam	8.575	113	47778	29.841	ng	98
36) 4-Chloro-3-methylphenol	8.686	107	236271	43.252	ng	95
37) 2-Methylnaphthalene	8.839	142	465669	39.575	ng	99
38) 1-Methylnaphthalene	8.939	142	435301	39.794	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	233400	43.718	ng	99
41) Hexachlorocyclopentadiene	8.986	237	198871	78.519	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	149496	41.135	ng	99

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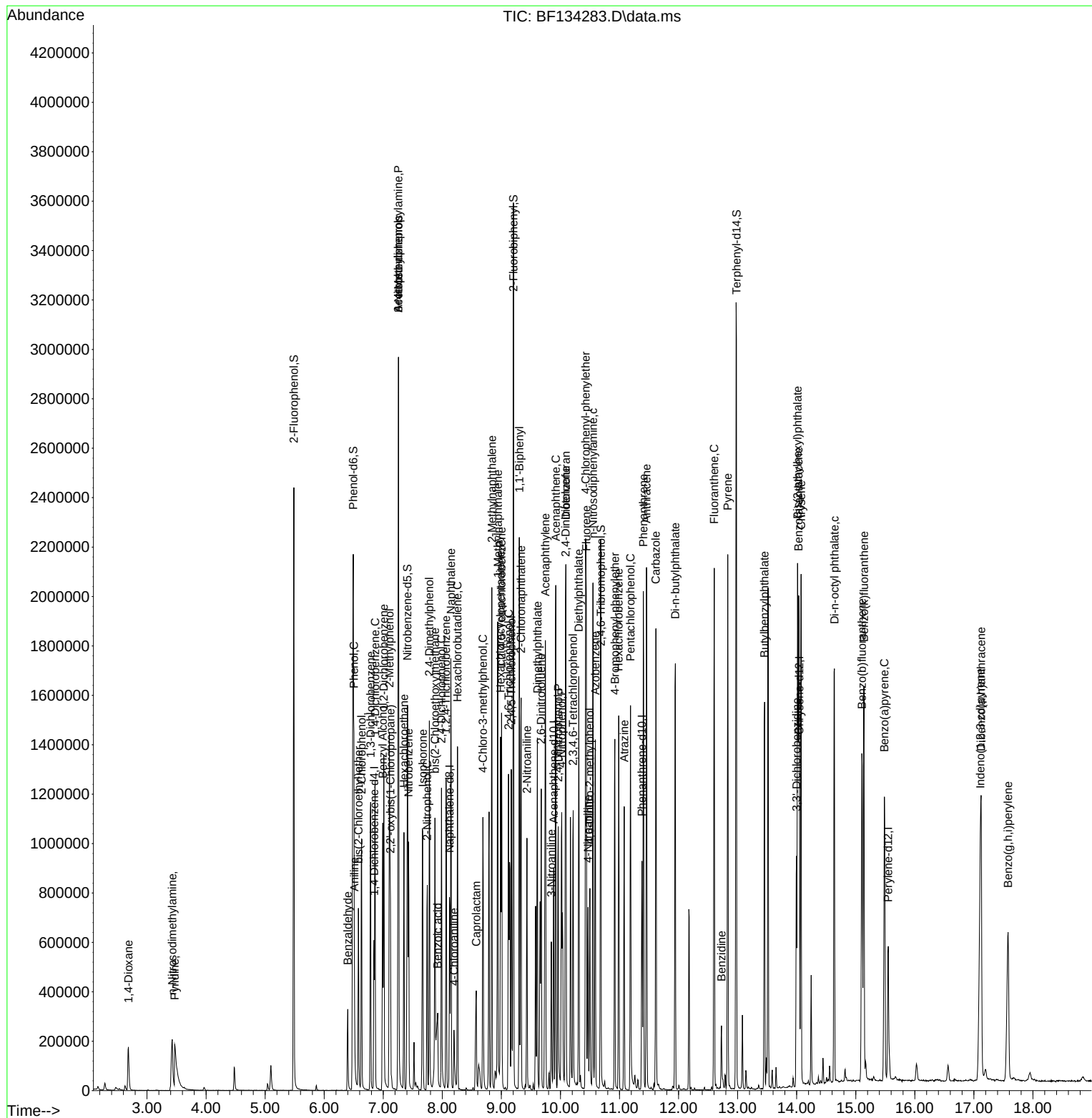
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	160673	37.585	ng	100
46) 1,1'-Biphenyl	9.304	154	599484	41.472	ng	97
47) 2-Chloronaphthalene	9.333	162	438294	41.442	ng	98
48) 2-Nitroaniline	9.433	65	154095	39.978	ng	98
49) Acenaphthylene	9.745	152	719550	39.827	ng	99
50) Dimethylphthalate	9.610	163	531299	40.617	ng	100
51) 2,6-Dinitrotoluene	9.675	165	115927	41.147	ng	89
52) Acenaphthene	9.922	154	429234	40.944	ng	100
53) 3-Nitroaniline	9.845	138	80703	23.877	ng	96
54) 2,4-Dinitrophenol	9.963	184	134962	82.806	ng	94
55) Dibenzofuran	10.092	168	656230	40.054	ng	98
56) 4-Nitrophenol	10.022	139	174910	73.982	ng	95
57) 2,4-Dinitrotoluene	10.086	165	156340	42.019	ng	91
58) Fluorene	10.439	166	526946	41.341	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	138268	41.004	ng	99
60) Diethylphthalate	10.310	149	562851	41.301	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	250321	40.751	ng	99
62) 4-Nitroaniline	10.469	138	126810	37.229	ng	93
63) Azobenzene	10.592	77	516082	40.034	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	92393	47.557	ng	91
66) n-Nitrosodiphenylamine	10.551	169	462983	40.664	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	158852	41.940	ng	99
68) Hexachlorobenzene	10.986	284	186258	46.315	ng	99
69) Atrazine	11.080	200	118417	37.601	ng	99
70) Pentachlorophenol	11.186	266	179118	74.492	ng	99
71) Phenanthrene	11.404	178	746226	41.597	ng	99
72) Anthracene	11.457	178	767740	41.146	ng	99
73) Carbazole	11.616	167	732817	42.908	ng	99
74) Di-n-butylphthalate	11.945	149	886638	43.656	ng	99
75) Fluoranthene	12.604	202	847245	43.686	ng	98
77) Benzidine	12.727	184	115908	18.004	ng	99
78) Pyrene	12.833	202	876244	34.800	ng	99
80) Butylbenzylphthalate	13.457	149	382880	40.545	ng	95
81) Benzo(a)anthracene	14.033	228	784583	41.814	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	199850	33.618	ng	99
83) Chrysene	14.074	228	748755	41.199	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	526807	48.549	ng	100
85) Di-n-octyl phthalate	14.639	149	877287	55.023	ng	99
87) Indeno(1,2,3-cd)pyrene	17.109	276	718914	40.777	ng	96
88) Benzo(b)fluoranthene	15.104	252	755479	50.568	ng	98
89) Benzo(k)fluoranthene	15.139	252	713826	46.928	ng	96
90) Benzo(a)pyrene	15.486	252	637715	44.142	ng	98
91) Dibenzo(a,h)anthracene	17.121	278	607447	42.183	ng	96
92) Benzo(g,h,i)perylene	17.580	276	579999	39.057	ng #	96

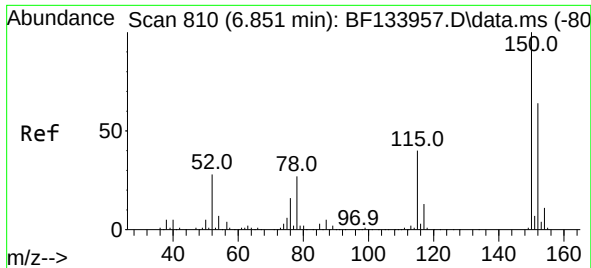
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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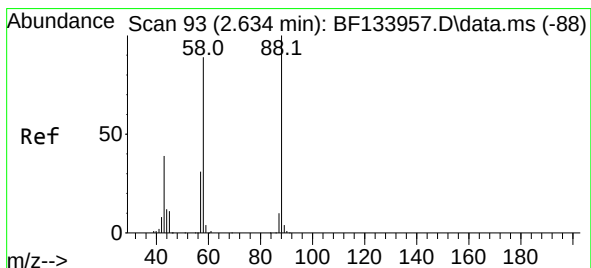
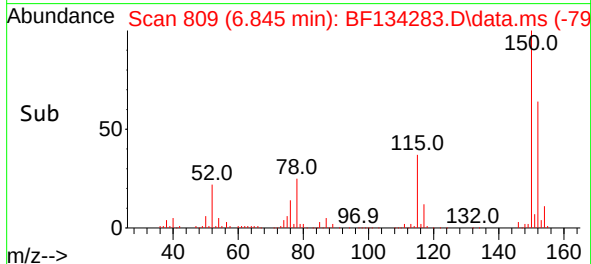
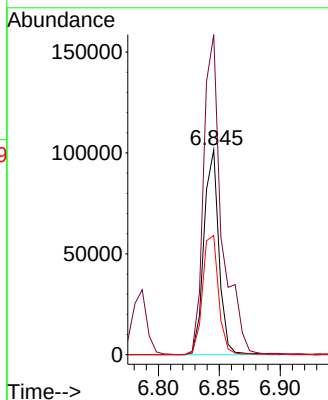
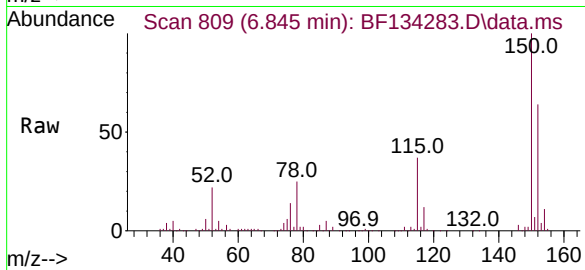




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134283.D
 Acq: 14 Jul 2023 10:49

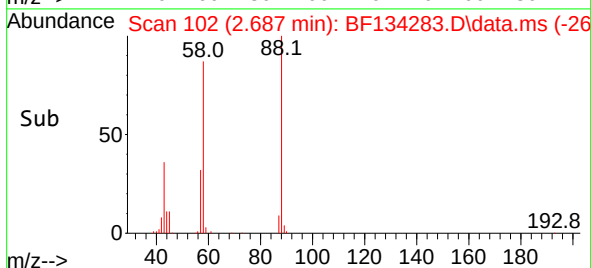
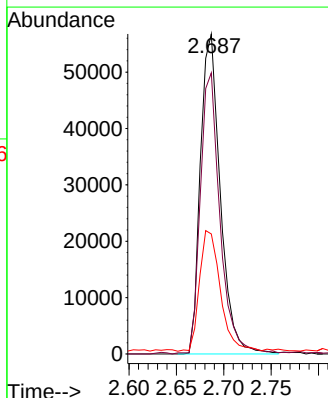
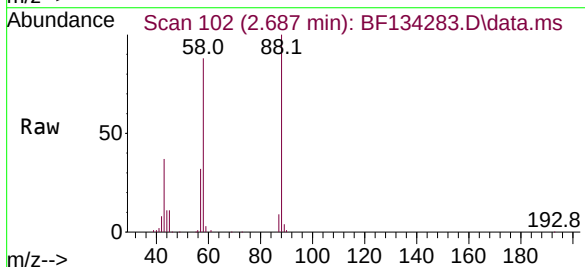
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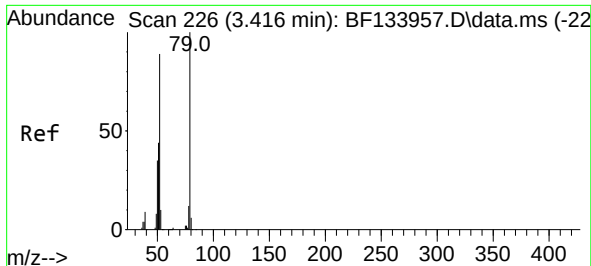
Tgt Ion:152 Resp: 86595
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.5 186.7
 115 58.2 50.2 75.2



#2
 1,4-Dioxane
 Concen: 38.819 ng
 RT: 2.687 min Scan# 102
 Delta R.T. 0.094 min
 Lab File: BF134283.D
 Acq: 14 Jul 2023 10:49

Tgt Ion: 88 Resp: 82861
 Ion Ratio Lower Upper
 88 100
 58 87.1 68.8 103.2
 43 39.4 30.7 46.1

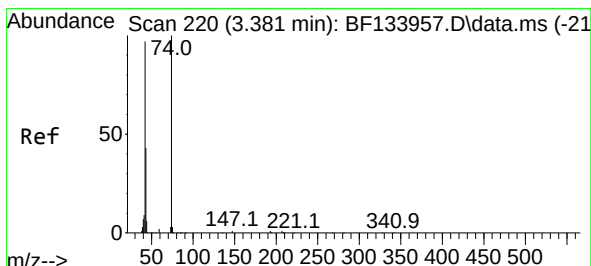
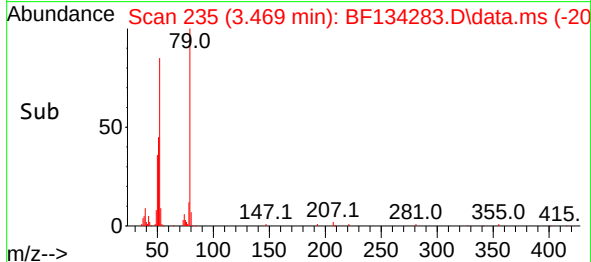
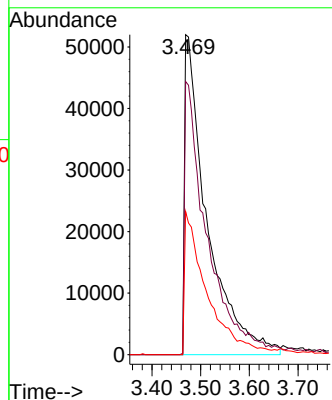
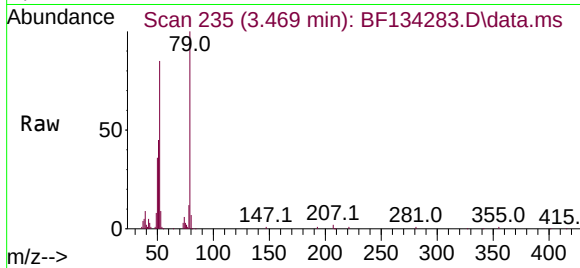




#3
Pyridine
Concen: 29.842 ng
RT: 3.469 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

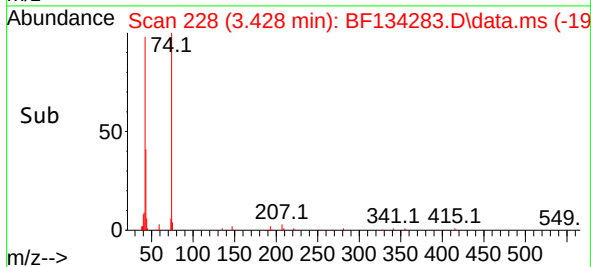
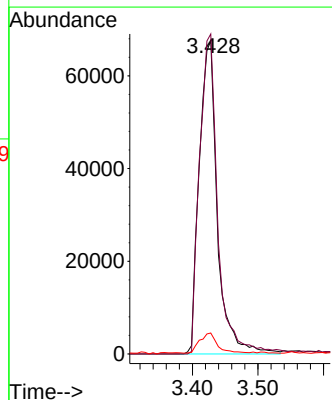
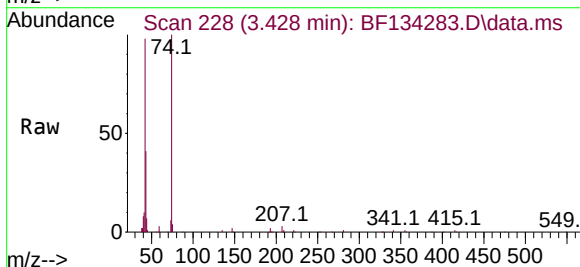
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PB154160BS

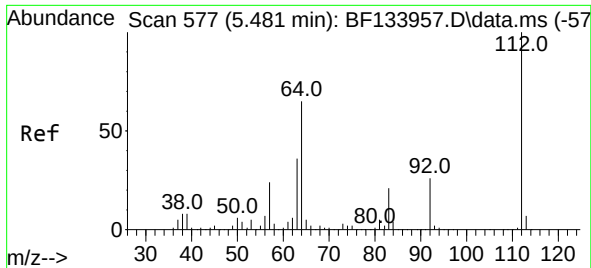
Tgt Ion: 79 Resp: 165917
Ion Ratio Lower Upper
79 100
52 85.4 71.1 106.7
51 44.7 35.2 52.8



#4
n-Nitrosodimethylamine
Concen: 41.037 ng
RT: 3.428 min Scan# 228
Delta R.T. 0.088 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion: 42 Resp: 130310
Ion Ratio Lower Upper
42 100
74 102.2 82.4 123.6
44 6.7 4.9 7.3

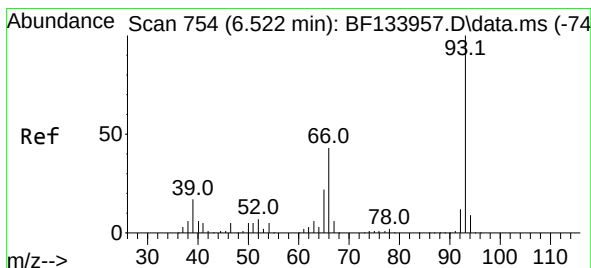
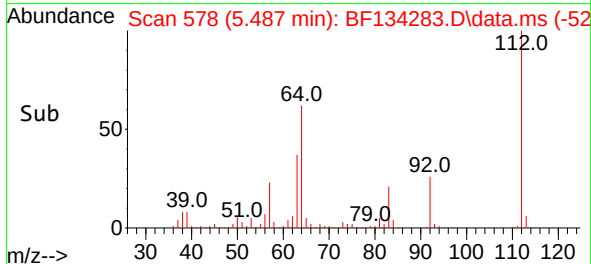
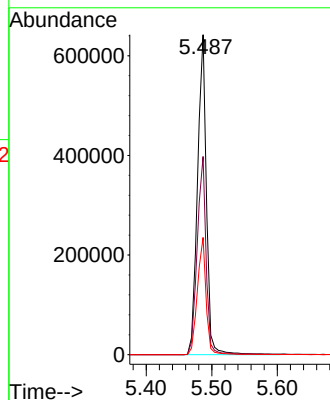
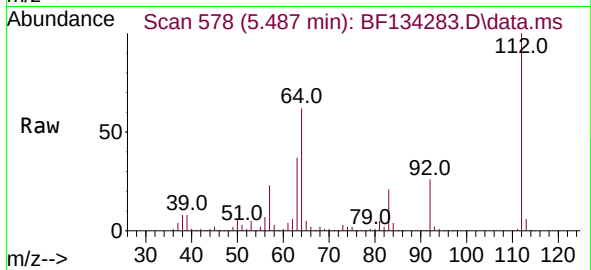




#5
2-Fluorophenol
Concen: 117.807 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

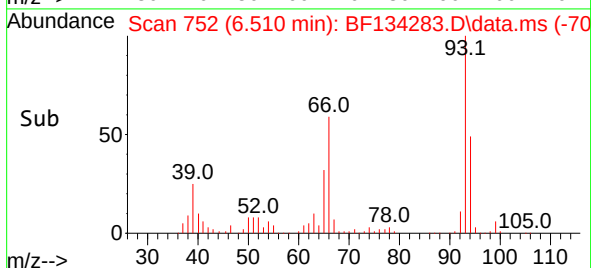
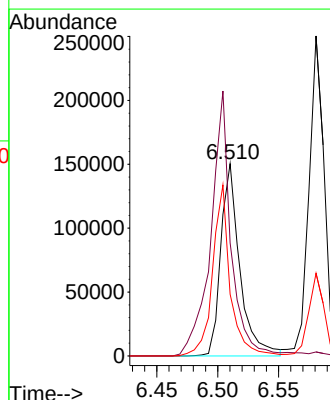
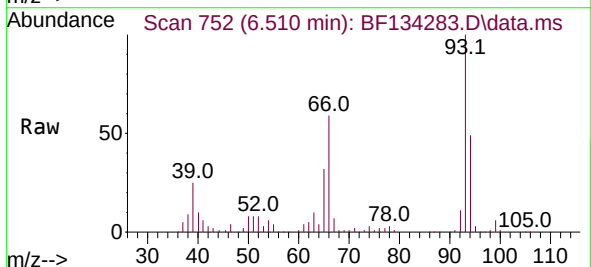
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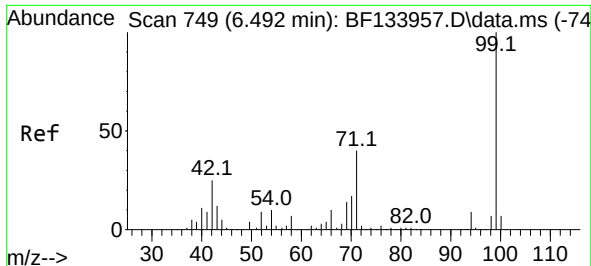
Tgt Ion:112 Resp: 609858
Ion Ratio Lower Upper
112 100
64 62.0 52.1 78.1
63 36.7 28.6 42.8



#6
Aniline
Concen: 21.174 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion: 93 Resp: 164034
Ion Ratio Lower Upper
93 100
66 58.8 34.5 51.7#
65 32.1 17.8 26.6#

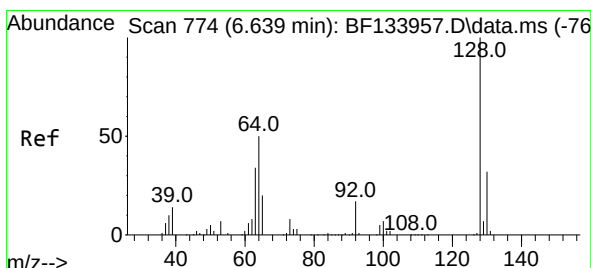
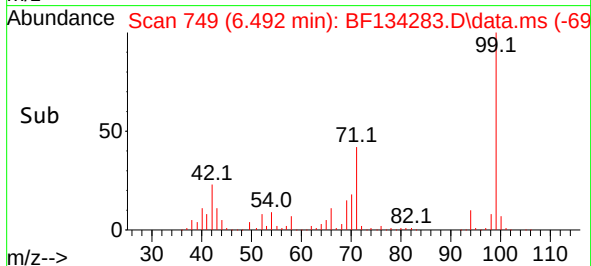
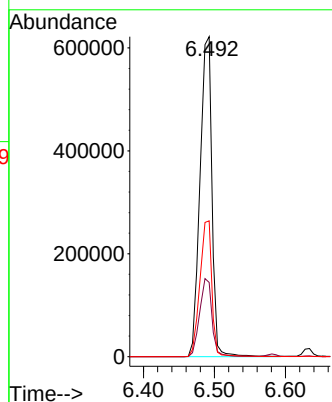
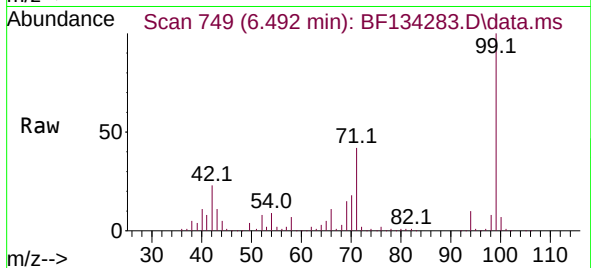




#7
Phenol-d6
Concen: 114.839 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

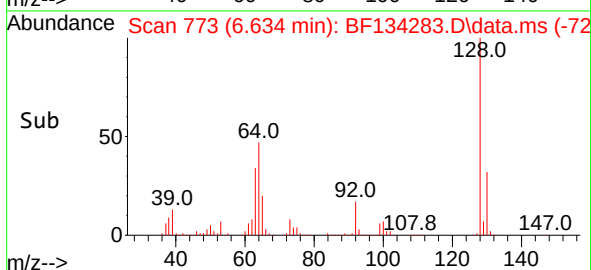
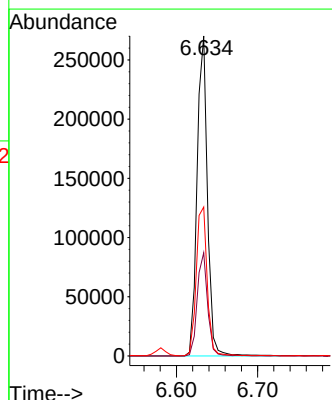
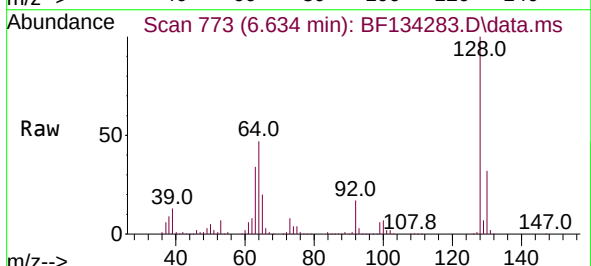
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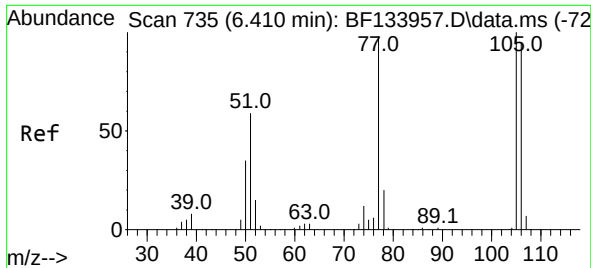
Tgt Ion: 99 Resp: 731111
Ion Ratio Lower Upper
99 100
42 23.2 19.8 29.6
71 42.5 31.9 47.9



#8
2-Chlorophenol
Concen: 45.927 ng
RT: 6.634 min Scan# 773
Delta R.T. 0.000 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion:128 Resp: 241347
Ion Ratio Lower Upper
128 100
130 32.2 11.7 51.7
64 46.6 31.3 71.3





#9

Benzaldehyde

Concen: 13.685 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

Instrument :

BNA_F

ClientSampleId :

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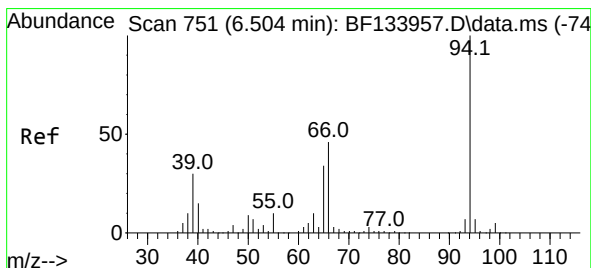
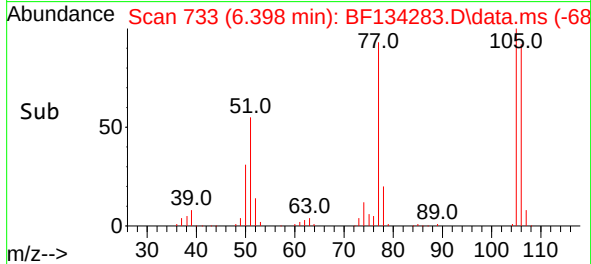
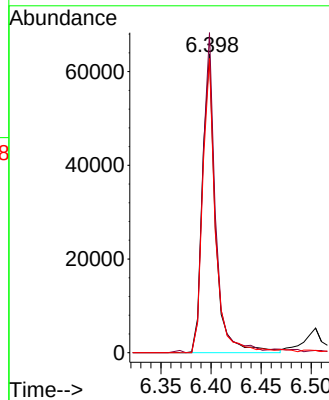
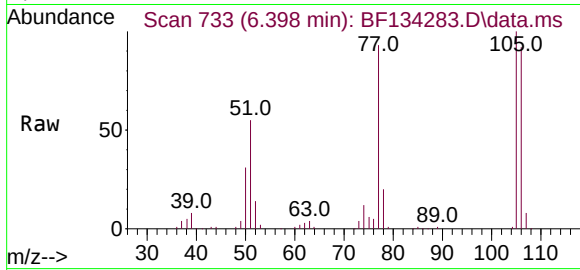
Tgt Ion: 77 Resp: 58212

Ion Ratio Lower Upper

77 100

105 107.1 82.0 122.0

106 98.4 76.9 116.9



#10

Phenol

Concen: 42.775 ng

RT: 6.504 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF134283.D

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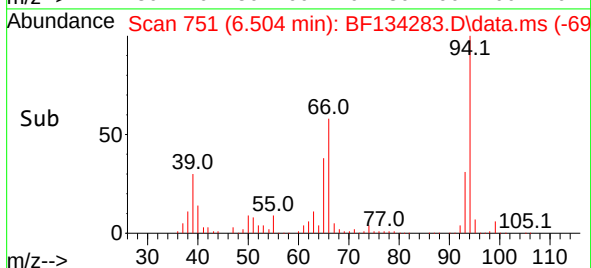
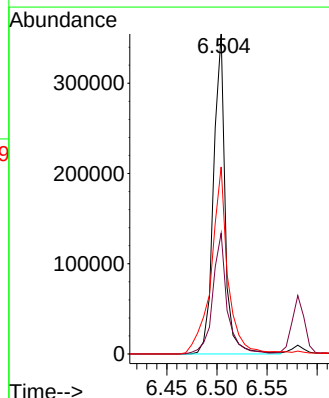
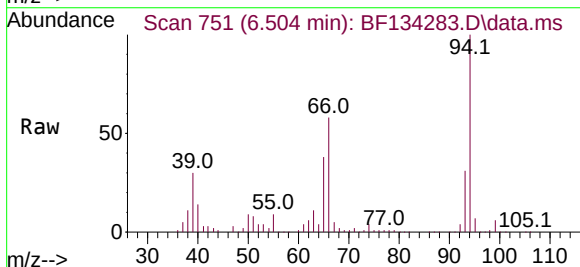
Tgt Ion: 94 Resp: 286325

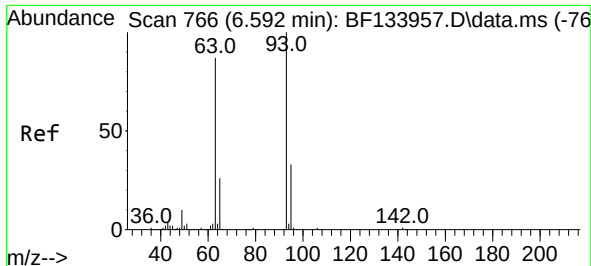
Ion Ratio Lower Upper

94 100

65 37.8 14.2 54.2

66 58.5 26.4 66.4





#11

bis(2-Chloroethyl)ether

Concen: 45.103 ng

RT: 6.581 min Scan# 709

Delta R.T. -0.006 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB154160BS

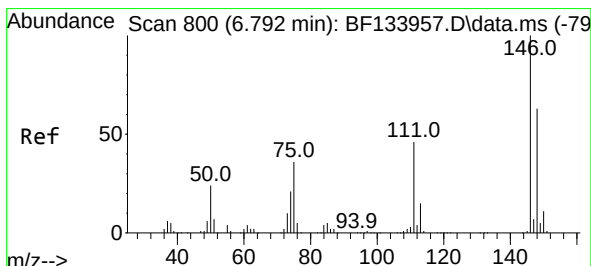
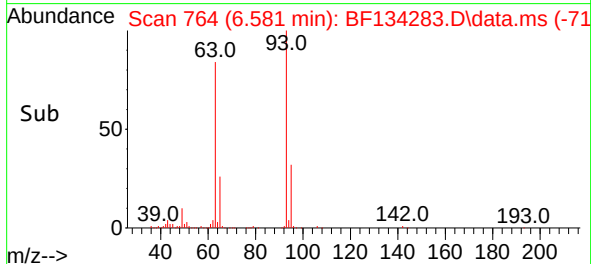
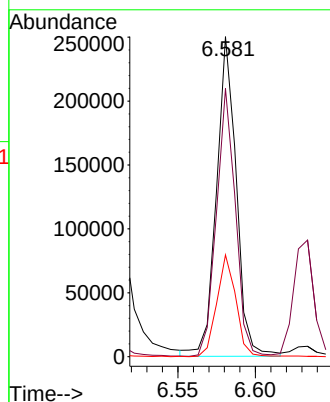
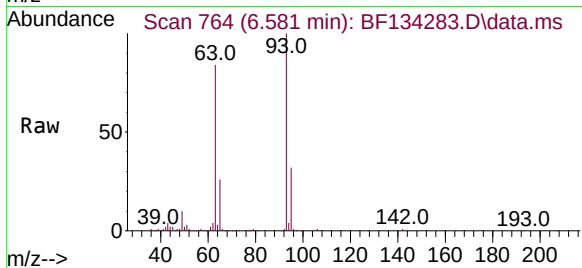
Tgt Ion: 93 Resp: 222270

Ion Ratio Lower Upper

93 100

63 83.8 66.5 106.5

95 31.8 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 45.820 ng

RT: 6.787 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

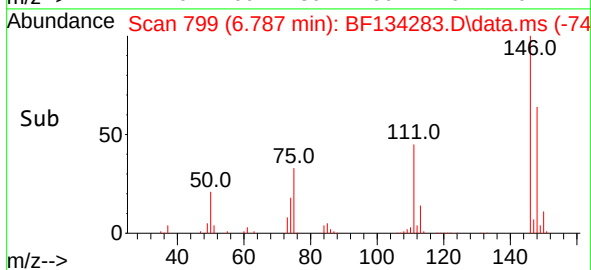
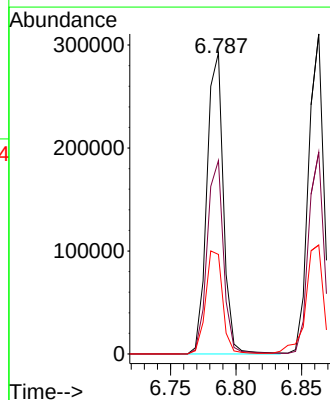
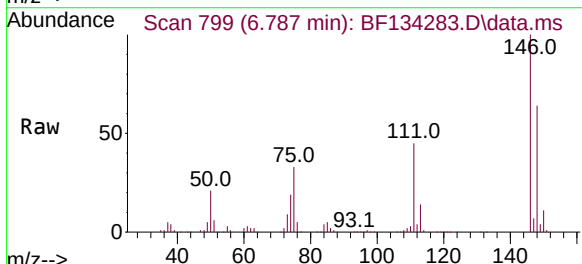
Tgt Ion: 146 Resp: 256705

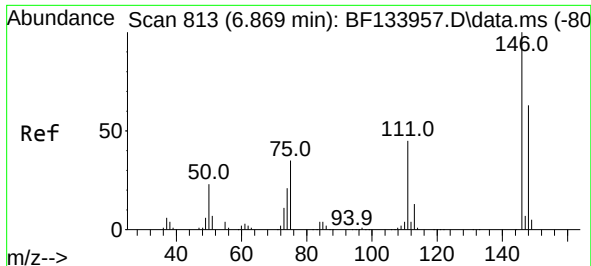
Ion Ratio Lower Upper

146 100

148 64.3 50.5 75.7

75 33.1 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 45.117 ng

RT: 6.863 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB154160BS

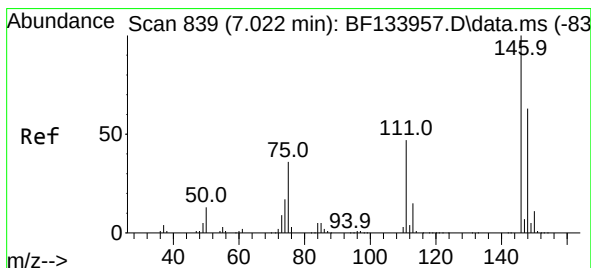
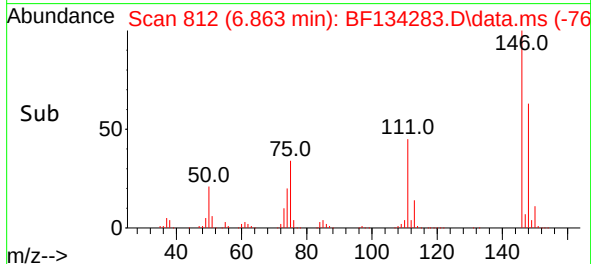
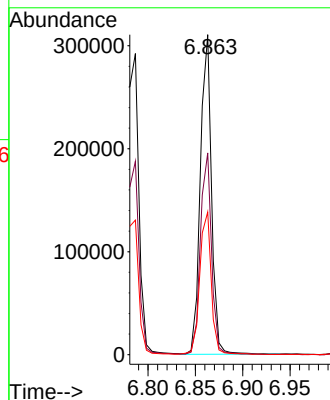
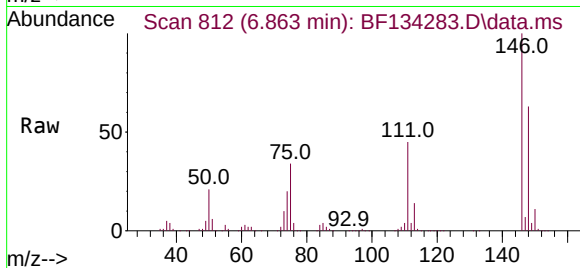
Tgt Ion:146 Resp: 255306

Ion Ratio Lower Upper

146 100

148 63.0 50.2 75.2

111 44.6 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 46.524 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

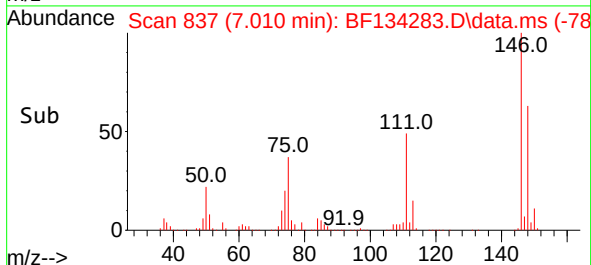
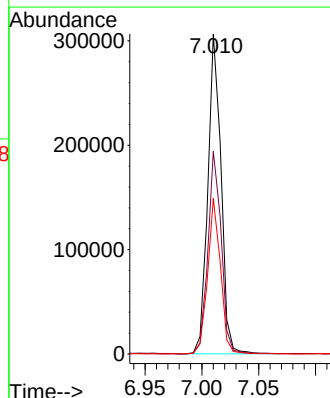
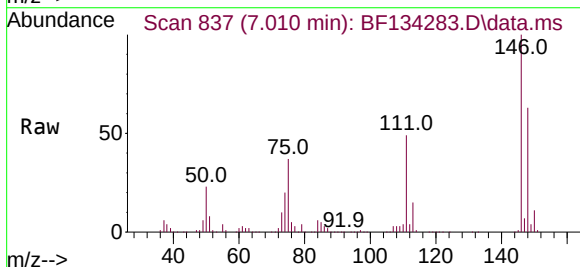
Tgt Ion:146 Resp: 246562

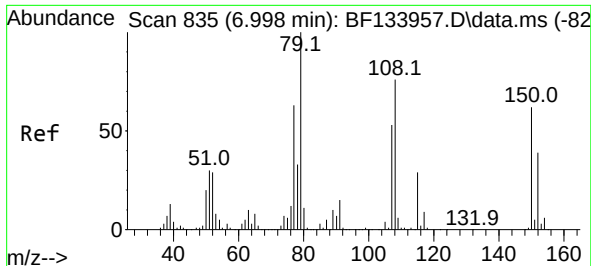
Ion Ratio Lower Upper

146 100

148 63.4 50.6 76.0

111 48.6 38.0 57.0

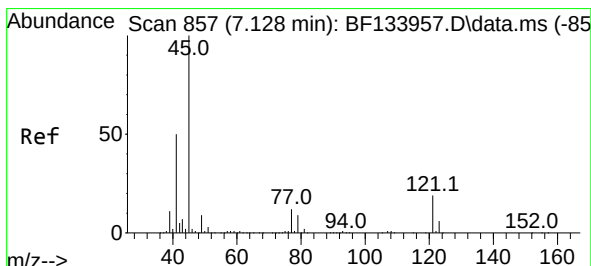
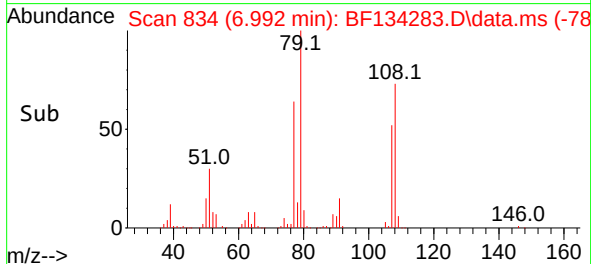
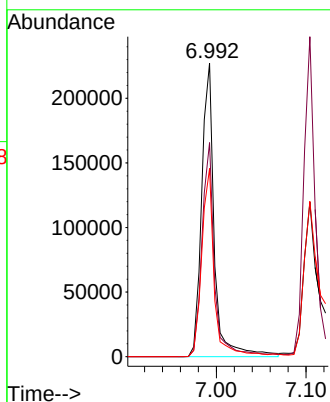
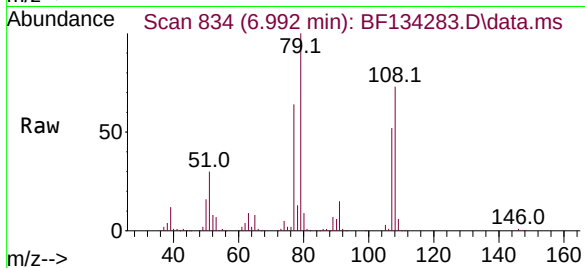




#15
Benzyl Alcohol
Concen: 45.334 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

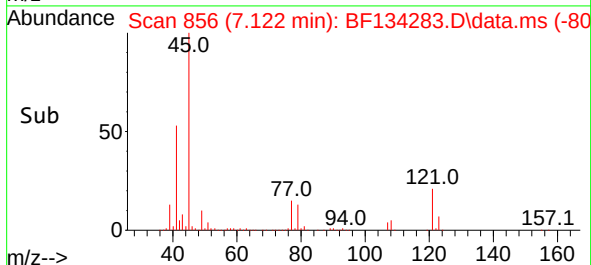
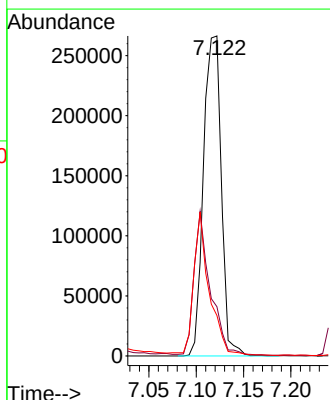
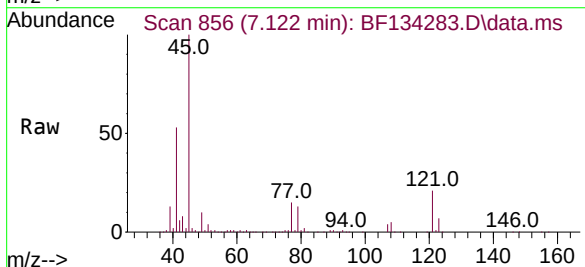
Instrument :
BNA_F
ClientSampleId :
PB154160BS

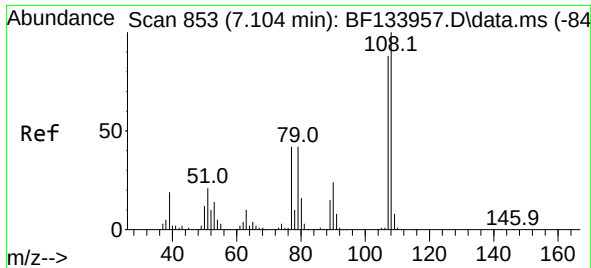
Tgt Ion: 79 Resp: 222494
Ion Ratio Lower Upper
79 100
108 72.9 60.7 91.1
77 64.1 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.762 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion: 45 Resp: 346666
Ion Ratio Lower Upper
45 100
77 15.4 0.0 32.9
79 12.6 0.0 29.5

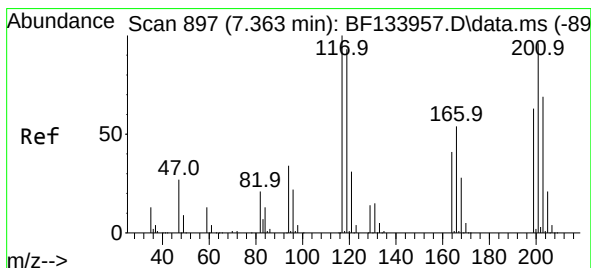
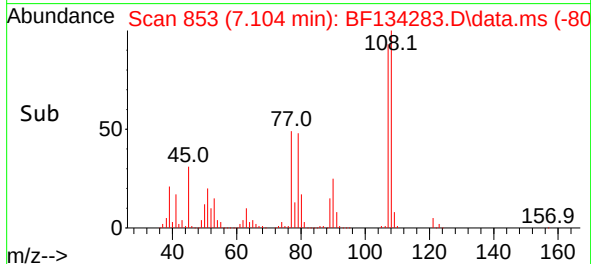
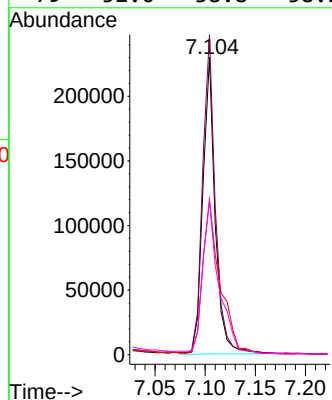
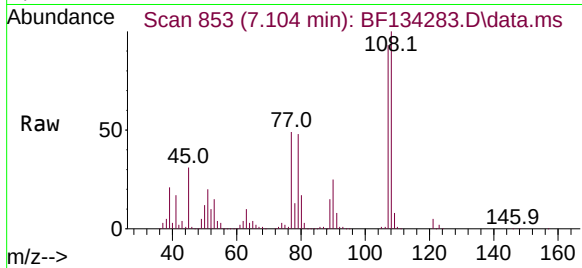




#17
2-Methylphenol
Concen: 42.175 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

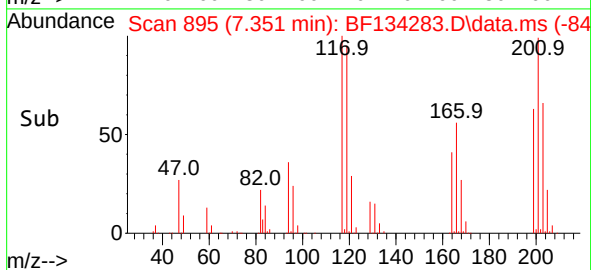
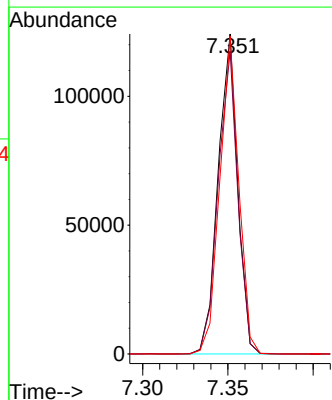
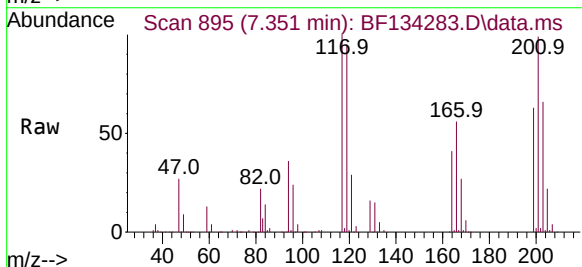
Instrument :
BNA_F
ClientSampleId :
PB154160BS

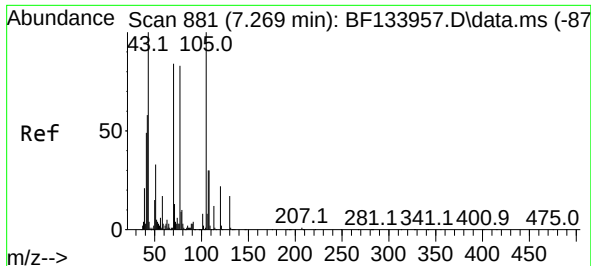
Tgt Ion:	107	Resp:	198465
Ion	Ratio	Lower	Upper
107	100		
108	107.6	90.6	136.0
77	52.3	38.3	57.5
79	52.0	38.8	58.2



#18
Hexachloroethane
Concen: 47.082 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion:	117	Resp:	98787
Ion	Ratio	Lower	Upper
117	100		
119	94.7	74.2	111.4
201	99.4	77.2	115.8



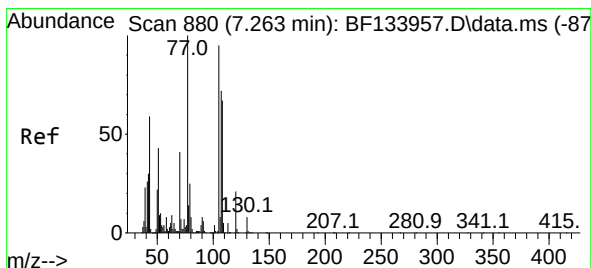
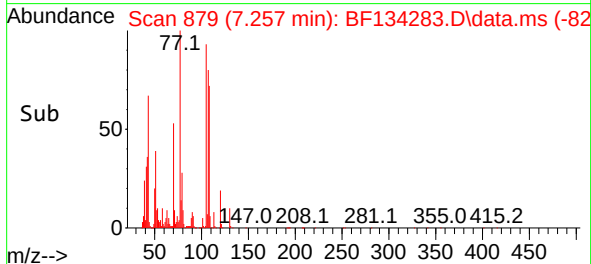
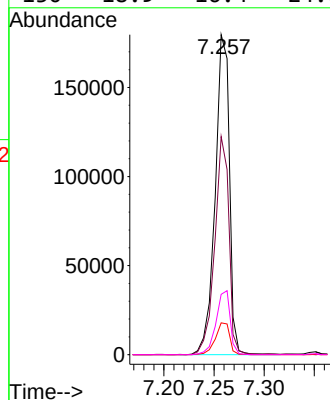
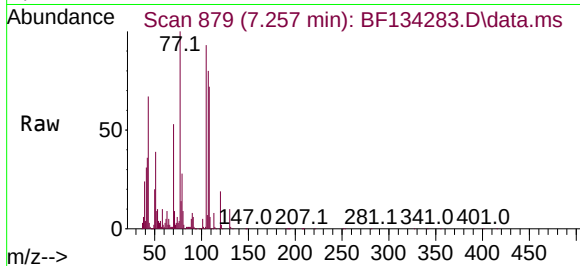


#19
n-Nitroso-di-n-propylamine
Concen: 43.861 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Instrument :
BNA_F
ClientSampleId :
PB154160BS

Tgt Ion: 70 Resp: 177083

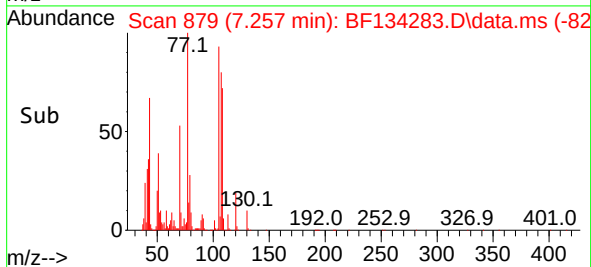
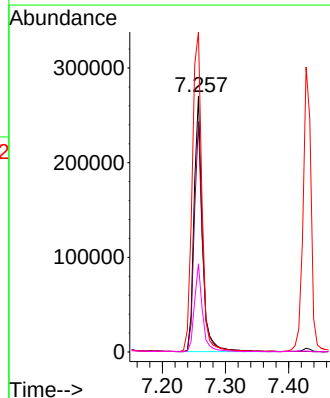
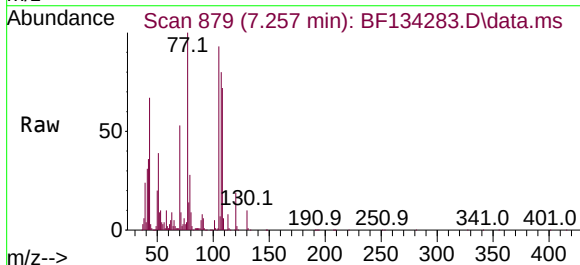
Ion	Ratio	Lower	Upper
70	100		
42	68.1	54.7	82.1
101	10.0	7.7	11.5
130	18.9	16.4	24.6

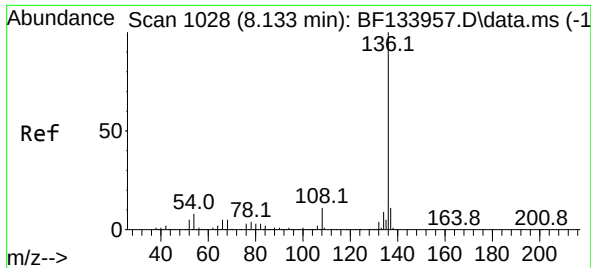


#20
3+4-Methylphenols
Concen: 43.543 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion: 107 Resp: 248582

Ion	Ratio	Lower	Upper
107	100		
108	90.1	73.2	113.2
77	125.2	118.3	158.3
79	34.5	14.7	54.7



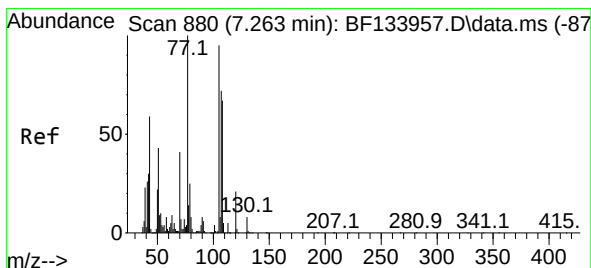
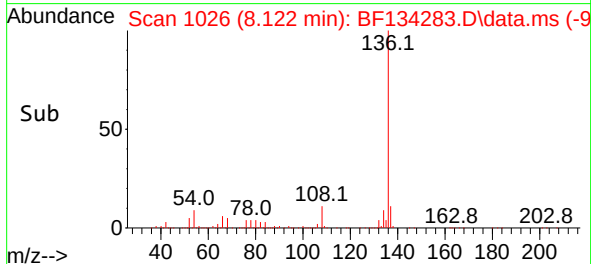
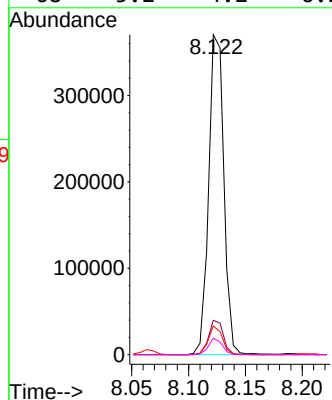
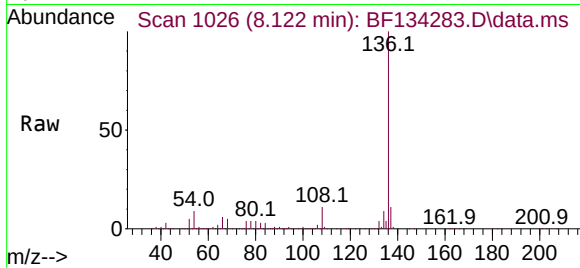


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Instrument :
BNA_F
ClientSampleId :
PB154160BS

Tgt Ion:136 Resp: 344483

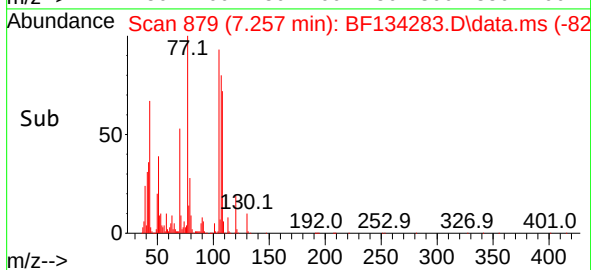
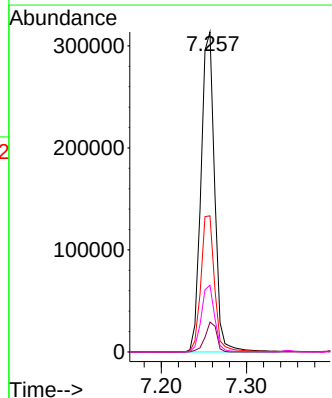
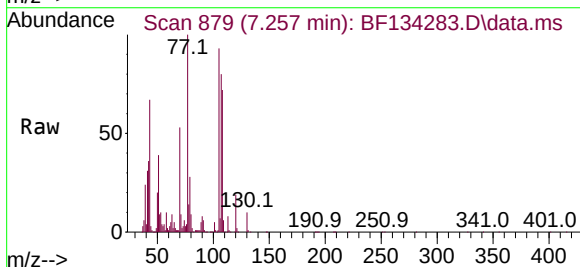
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.0	6.5	9.7
68	5.2	4.2	6.2

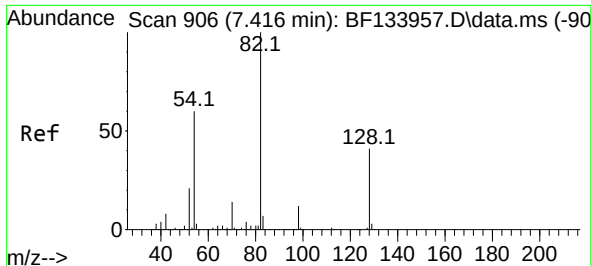


#22
Acetophenone
Concen: 44.496 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion:105 Resp: 348597

Ion	Ratio	Lower	Upper
105	100		
71	9.3	5.5	8.3#
51	42.5	36.5	54.7
120	20.8	17.3	25.9





#23

Nitrobenzene-d5

Concen: 79.454 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB154160BS

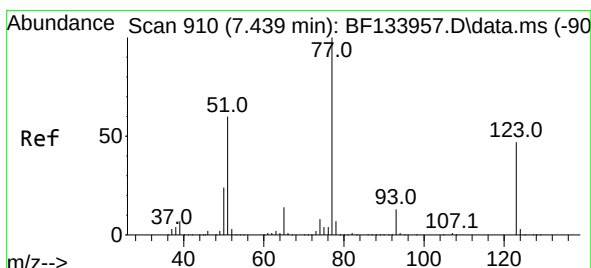
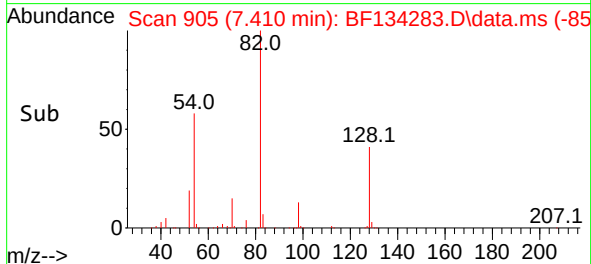
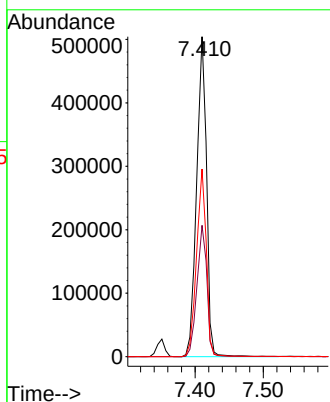
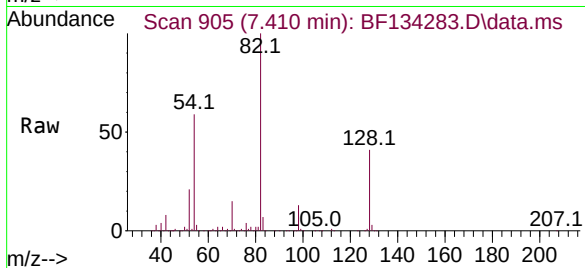
Tgt Ion: 82 Resp: 507750

Ion Ratio Lower Upper

82 100

128 41.1 32.5 48.7

54 58.7 48.2 72.2



#24

Nitrobenzene

Concen: 40.960 ng

RT: 7.428 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

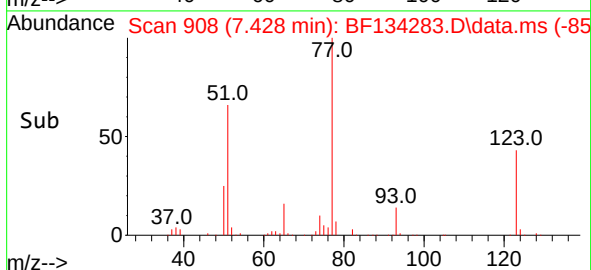
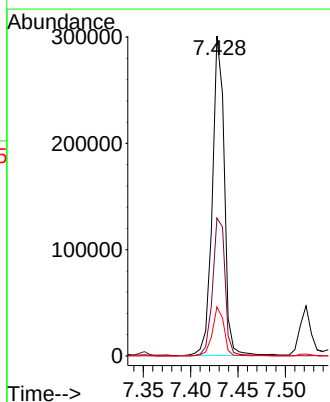
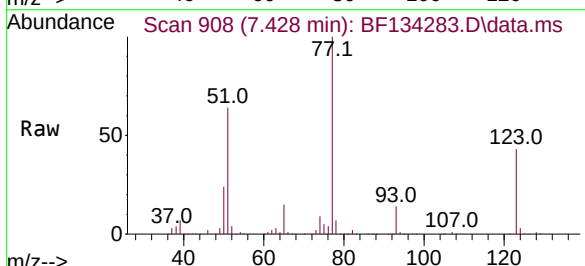
Tgt Ion: 77 Resp: 264512

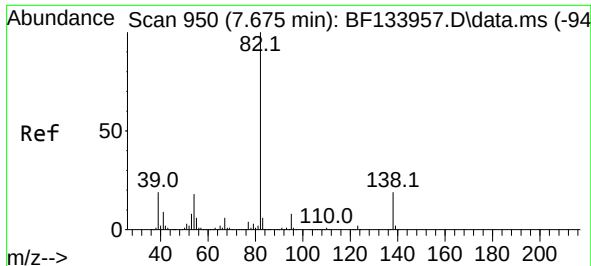
Ion Ratio Lower Upper

77 100

123 43.1 37.8 56.6

65 15.3 11.3 16.9

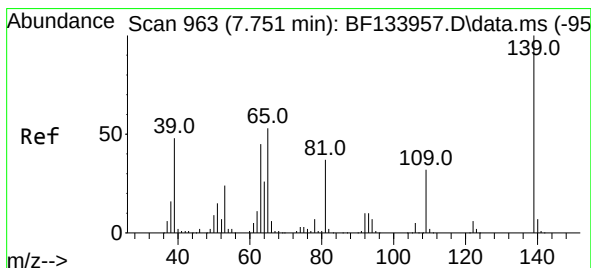
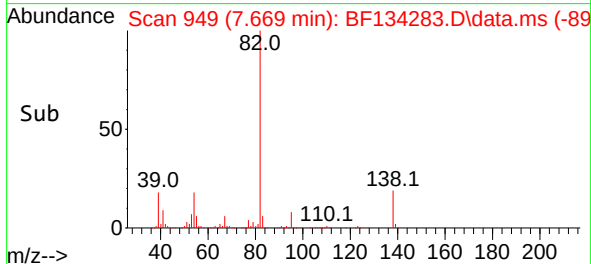
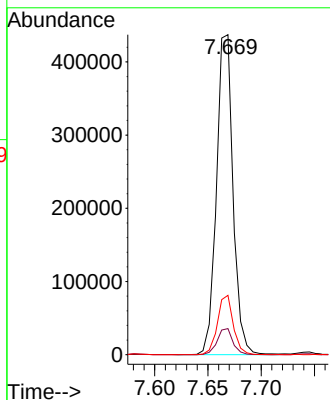
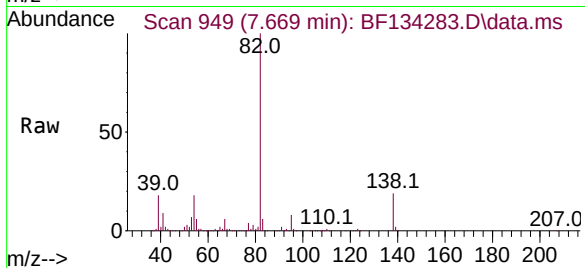




#25
Isophorone
Concen: 40.725 ng
RT: 7.669 min Scan# 949
Delta R.T. 0.006 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

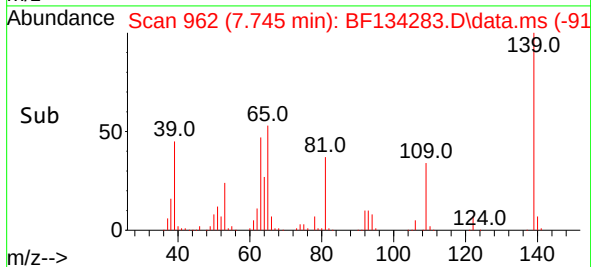
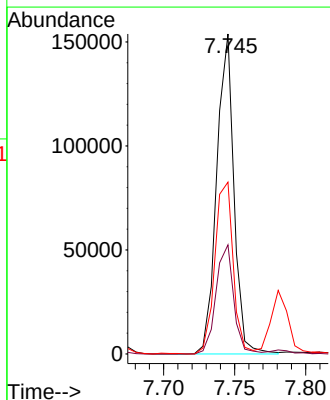
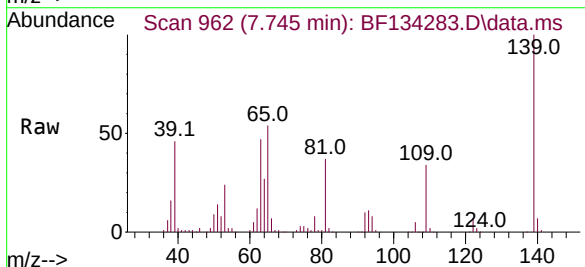
Instrument :
BNA_F
ClientSampleId :
PB154160BS

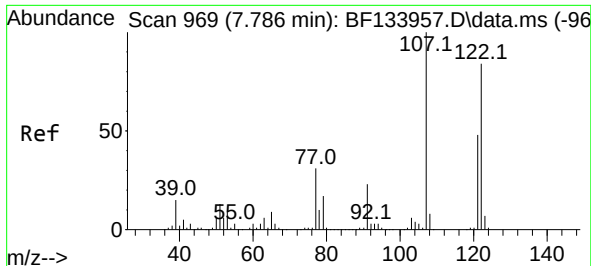
Tgt Ion: 82 Resp: 472996
Ion Ratio Lower Upper
82 100
95 8.2 6.1 9.1
138 18.5 15.2 22.8



#26
2-Nitrophenol
Concen: 41.950 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion:139 Resp: 129958
Ion Ratio Lower Upper
139 100
109 34.1 25.8 38.8
65 53.7 42.4 63.6

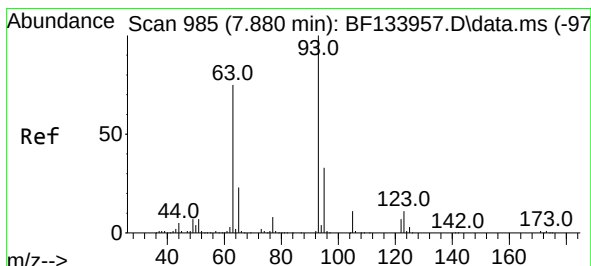
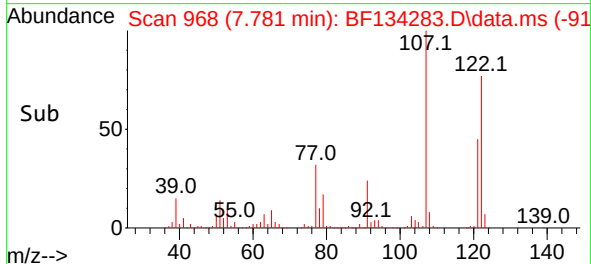
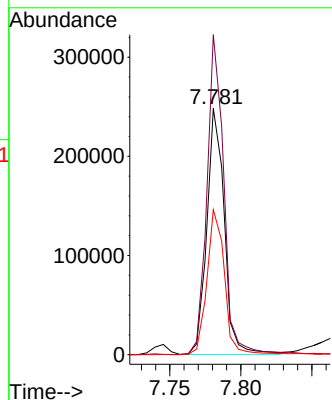
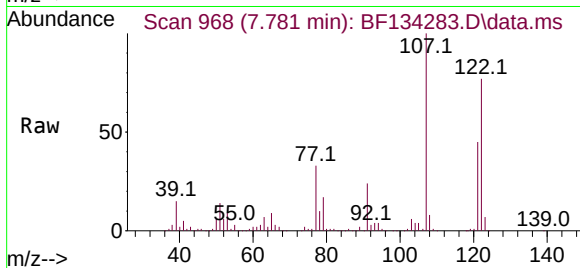




#27
2,4-Dimethylphenol
Concen: 43.370 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

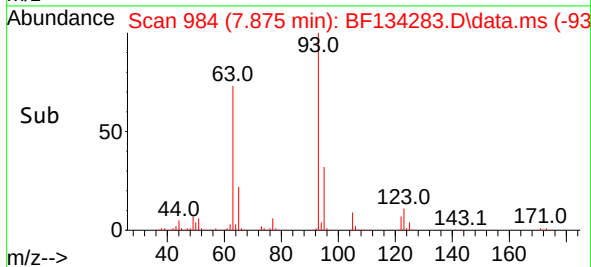
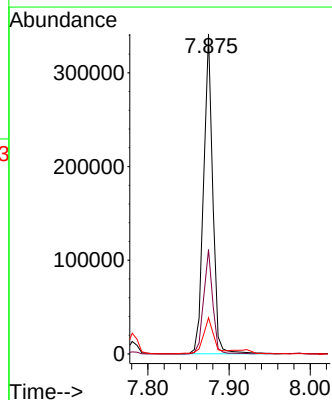
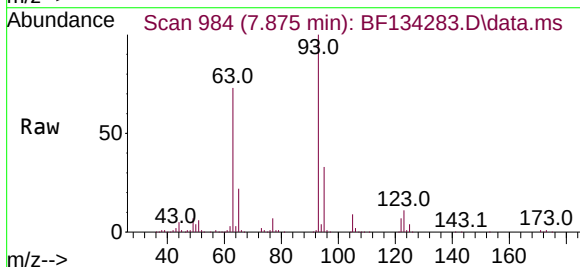
Instrument :
BNA_F
ClientSampleId :
PB154160BS

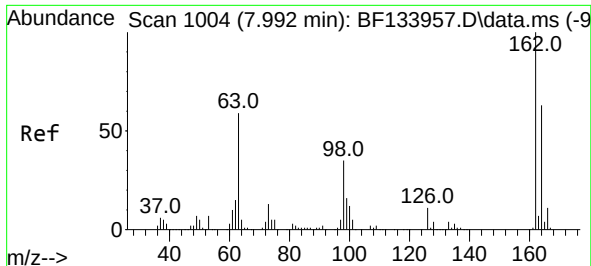
Tgt Ion:122 Resp: 212673
Ion Ratio Lower Upper
122 100
107 130.0 95.5 143.3
121 58.9 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 40.254 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion: 93 Resp: 270710
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.067 ng

RT: 7.986 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB154160BS

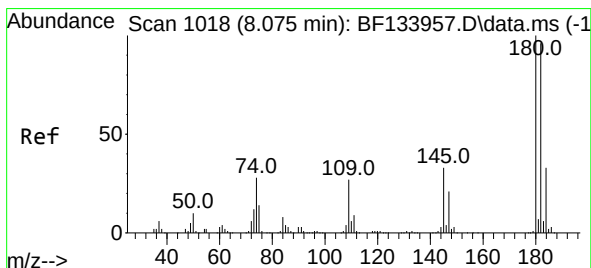
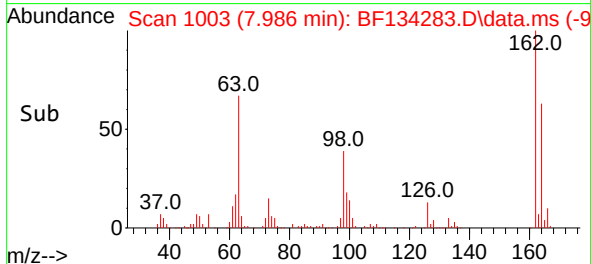
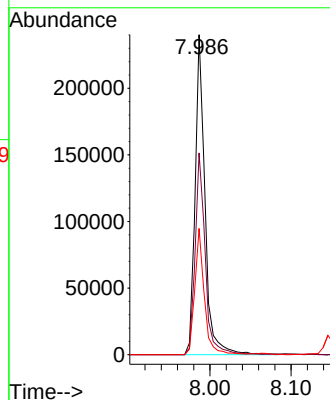
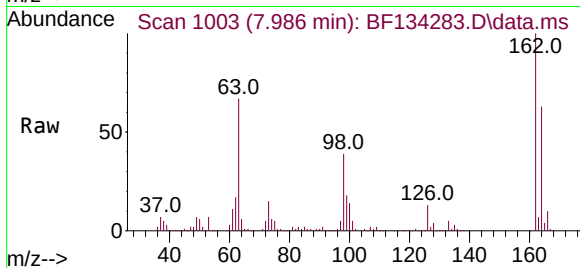
Tgt Ion:162 Resp: 204556

Ion Ratio Lower Upper

162 100

164 63.1 43.2 83.2

98 39.4 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 43.342 ng

RT: 8.063 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

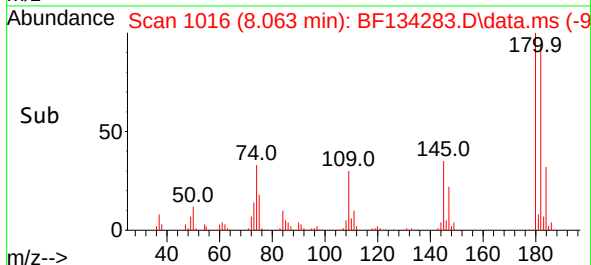
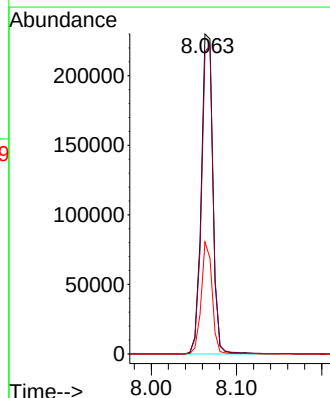
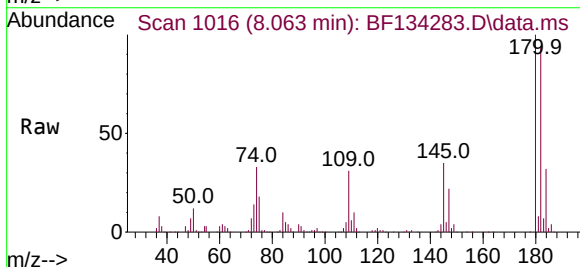
Tgt Ion:180 Resp: 217467

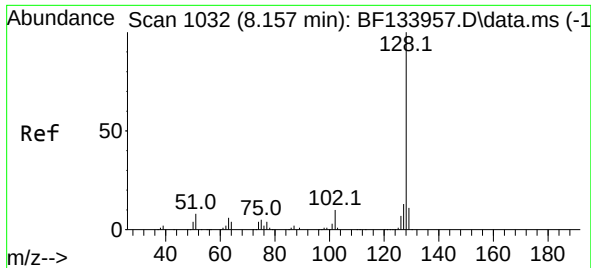
Ion Ratio Lower Upper

180 100

182 94.4 77.1 115.7

145 35.0 26.0 39.0

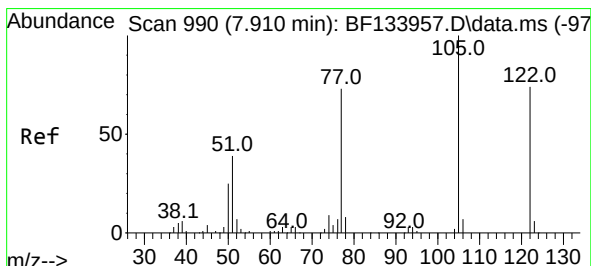
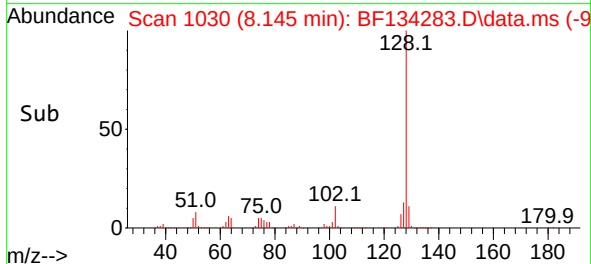
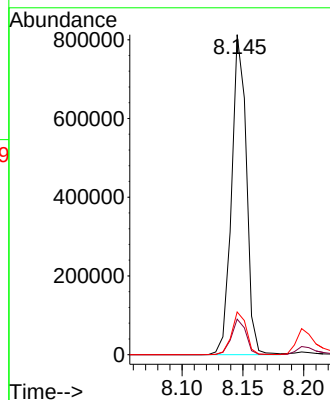
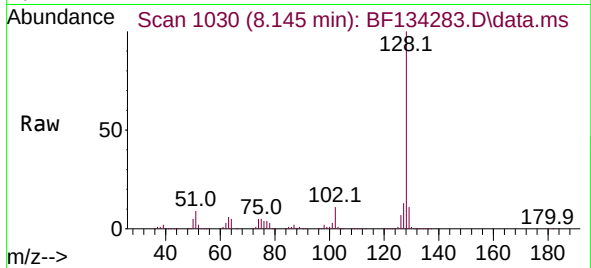




#31
Naphthalene
Concen: 41.324 ng
RT: 8.145 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

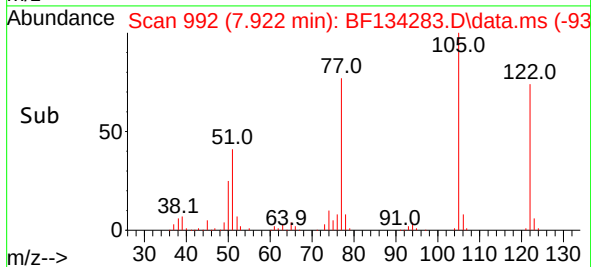
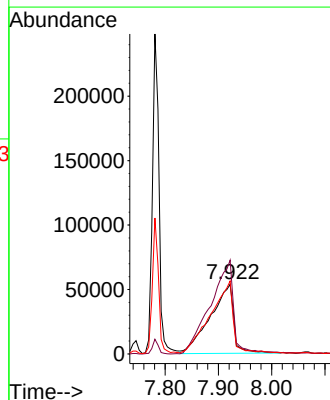
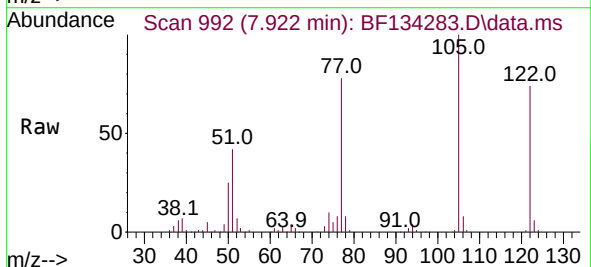
Instrument :
BNA_F
ClientSampleId :
PB154160BS

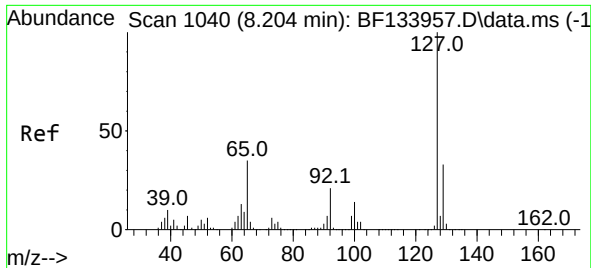
Tgt Ion:128 Resp: 687619
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 44.731 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.018 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion:122 Resp: 164367
Ion Ratio Lower Upper
122 100
105 134.6 109.7 149.7
77 104.7 76.0 116.0

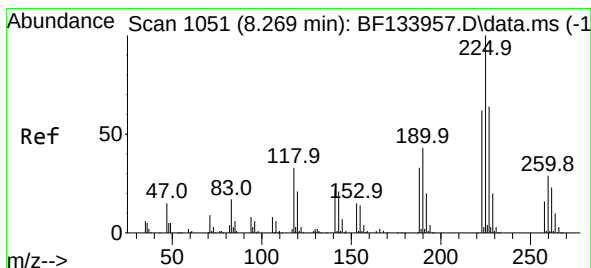
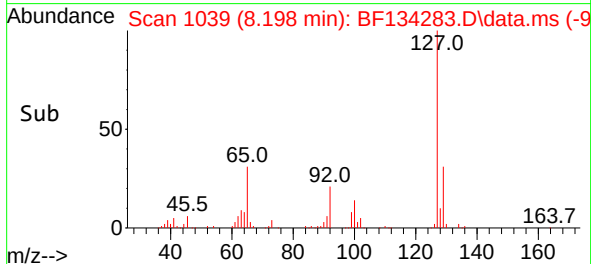
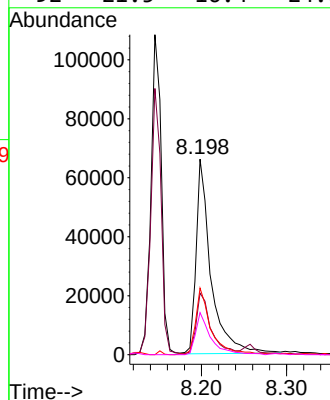
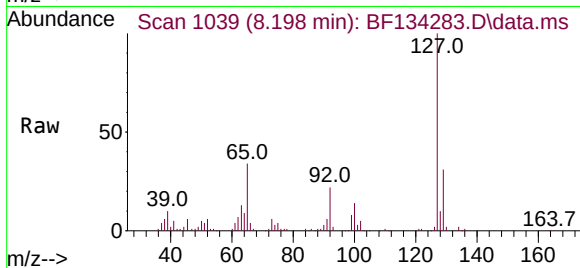




#33
4-Chloroaniline
Concen: 11.192 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

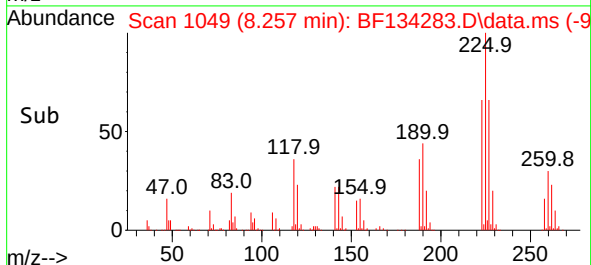
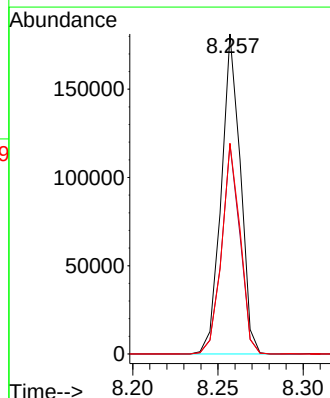
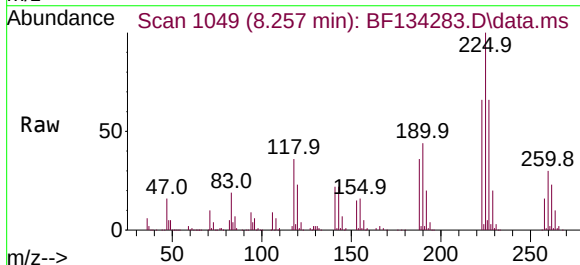
Instrument :
BNA_F
ClientSampleId :
PB154160BS

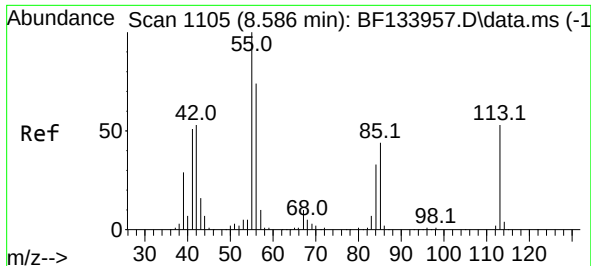
Tgt Ion:	127	Resp:	79659
Ion Ratio	Lower	Upper	
127	100		
129	31.5	26.4	39.6
65	34.0	27.8	41.8
92	21.5	16.4	24.6



#34
Hexachlorobutadiene
Concen: 44.541 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion:	225	Resp:	140975
Ion Ratio	Lower	Upper	
225	100		
223	65.6	49.8	74.8
227	65.8	51.0	76.4

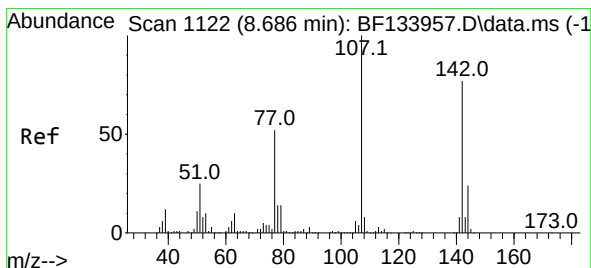
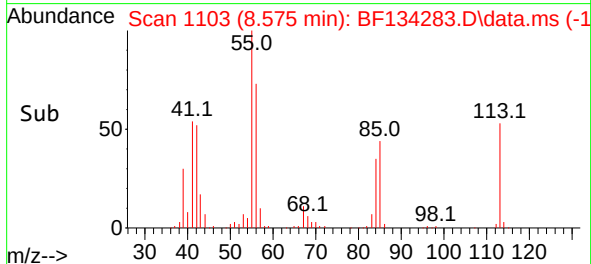
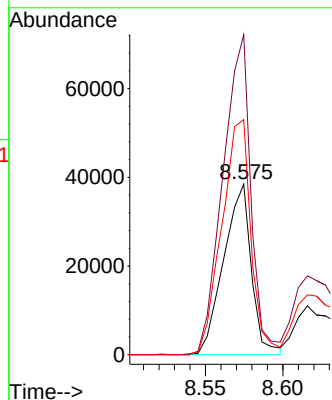
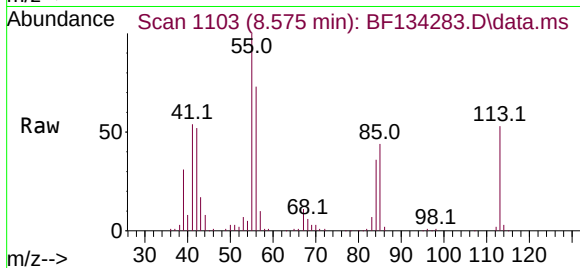




#35
 Caprolactam
 Concen: 29.841 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: BF134283.D
 Acq: 14 Jul 2023 10:49

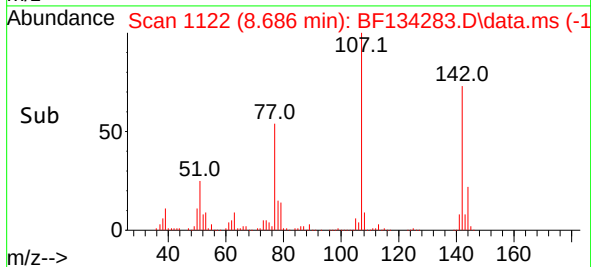
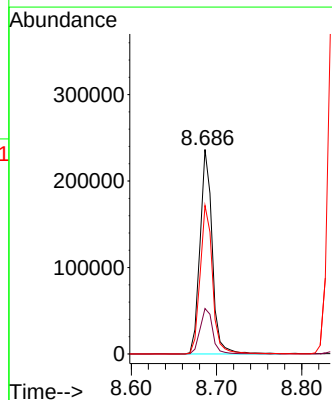
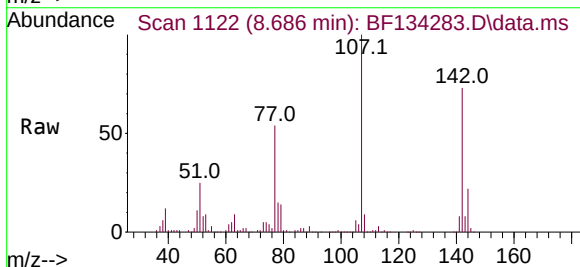
Instrument :
 BNA_F
 ClientSampleId :
 PB154160BS

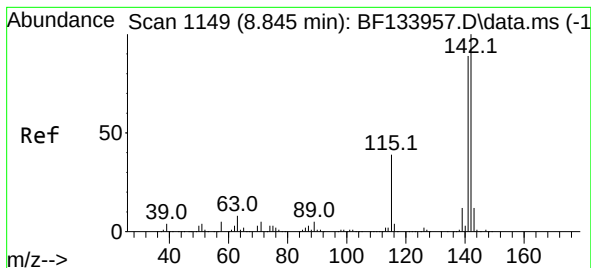
Tgt Ion:113 Resp: 47778
 Ion Ratio Lower Upper
 113 100
 55 187.5 170.2 210.2
 56 137.7 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 43.252 ng
 RT: 8.686 min Scan# 1122
 Delta R.T. 0.006 min
 Lab File: BF134283.D
 Acq: 14 Jul 2023 10:49

Tgt Ion:107 Resp: 236271
 Ion Ratio Lower Upper
 107 100
 144 22.2 19.6 29.4
 142 72.6 61.4 92.2





#37

2-Methylnaphthalene

Concen: 39.575 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

Instrument :

BNA_F

ClientSampleId :

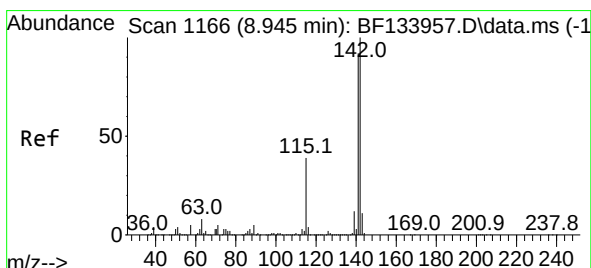
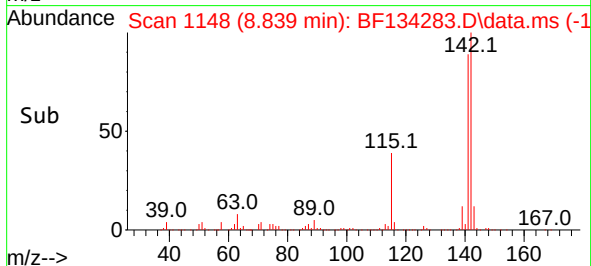
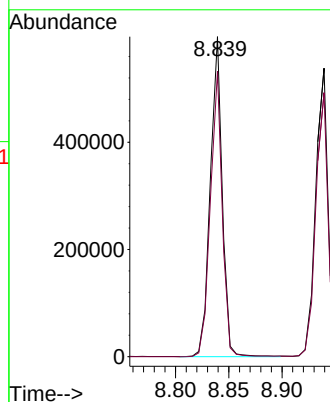
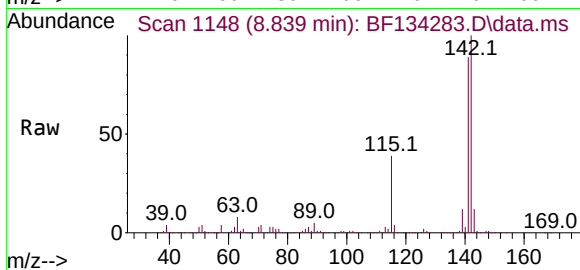
PB154160BS

Tgt Ion:142 Resp: 465669

Ion Ratio Lower Upper

142 100

141 89.2 71.0 106.4



#38

1-Methylnaphthalene

Concen: 39.794 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF134283.D

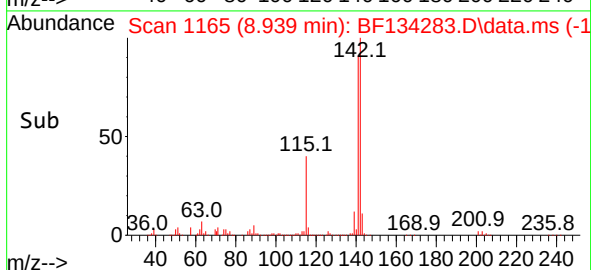
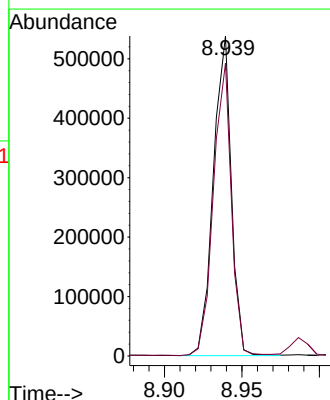
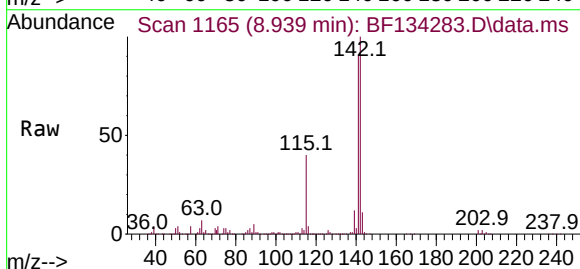
Acq: 14 Jul 2023 10:49

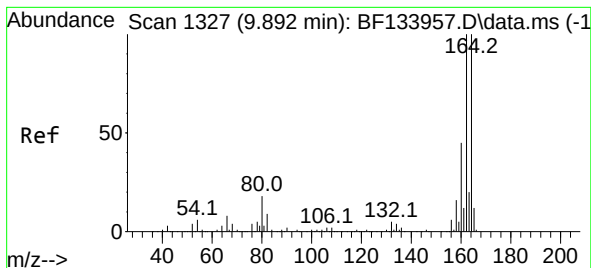
Tgt Ion:142 Resp: 435301

Ion Ratio Lower Upper

142 100

141 91.5 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1176

Delta R.T. 0.006 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB154160BS

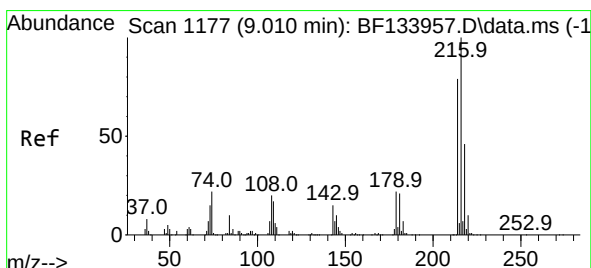
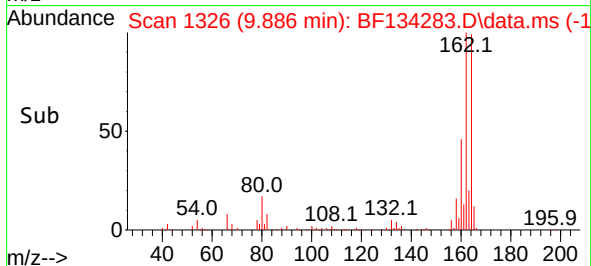
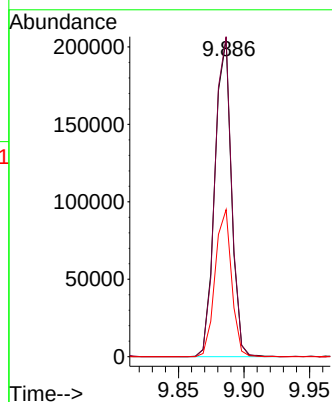
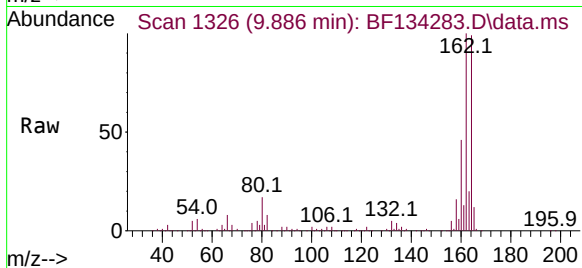
Tgt Ion:164 Resp: 180200

Ion Ratio Lower Upper

164 100

162 100.9 80.0 120.0

160 46.4 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.718 ng

RT: 9.004 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

Tgt Ion:216 Resp: 233400

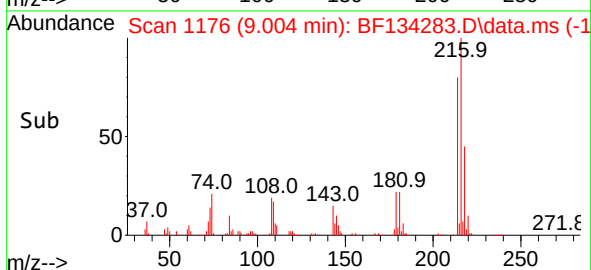
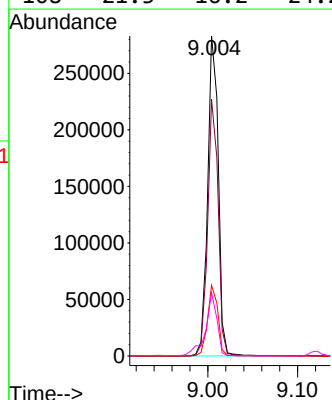
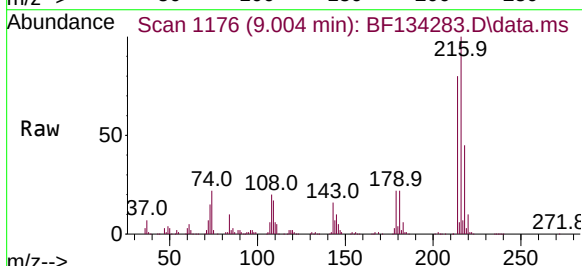
Ion Ratio Lower Upper

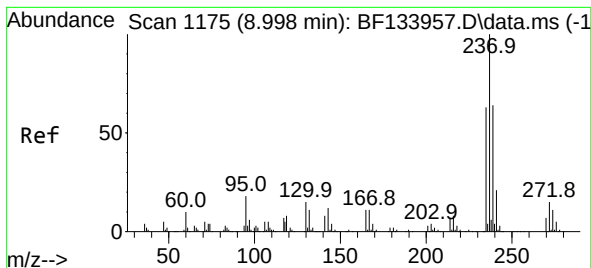
216 100

214 79.2 64.1 96.1

179 21.6 17.3 25.9

108 21.3 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 78.519 ng

RT: 8.986 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB154160BS

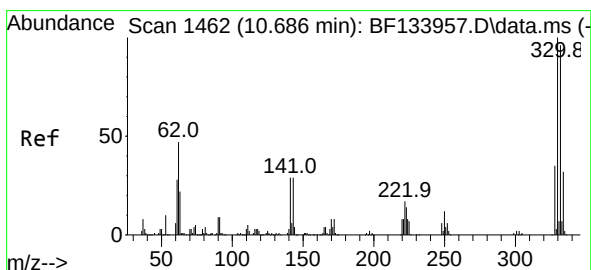
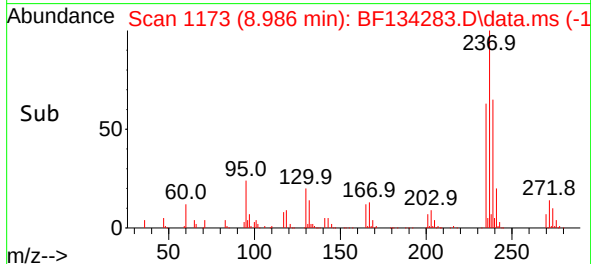
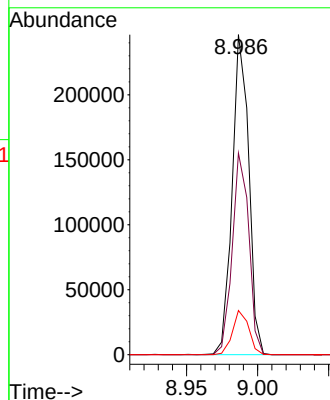
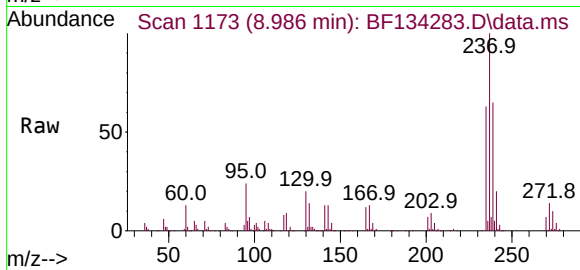
Tgt Ion:237 Resp: 198871

Ion Ratio Lower Upper

237 100

235 63.0 42.8 82.8

272 13.8 0.0 34.6



#42

2,4,6-Tribromophenol

Concen: 122.230 ng

RT: 10.686 min Scan# 1462

Delta R.T. 0.006 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

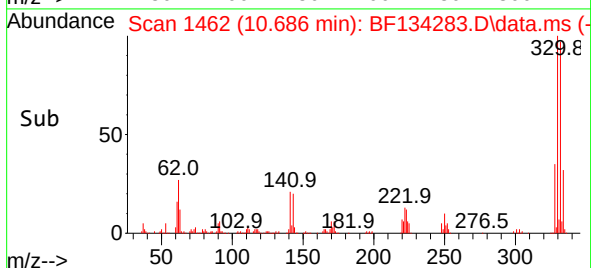
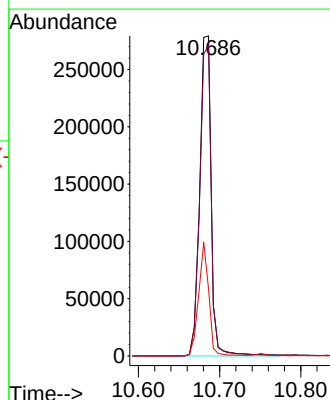
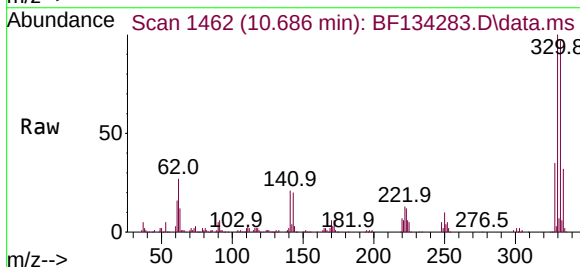
Tgt Ion:330 Resp: 276161

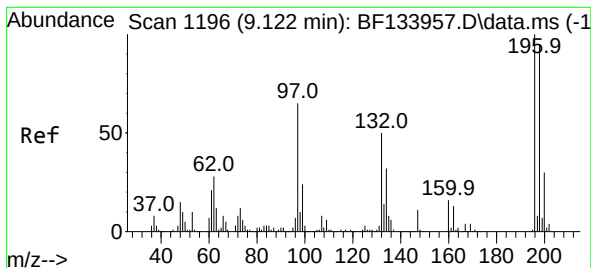
Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

141 31.5 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 41.135 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB154160BS

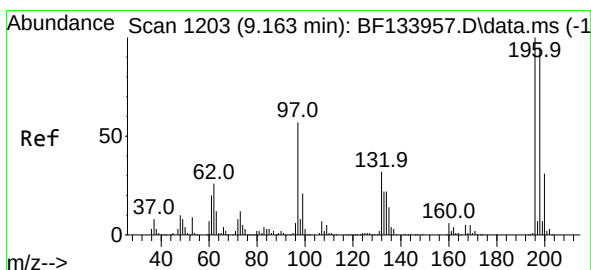
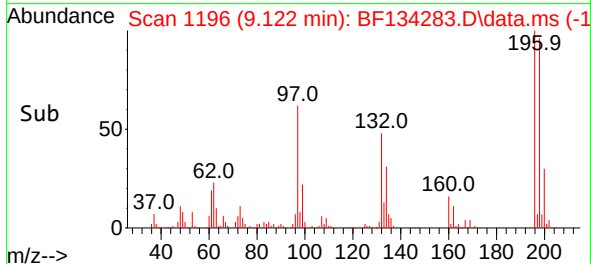
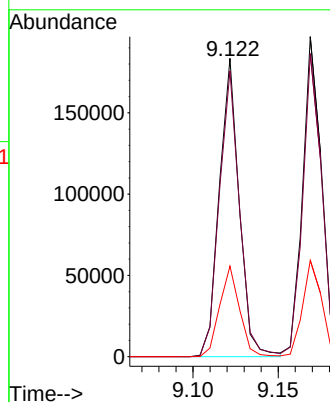
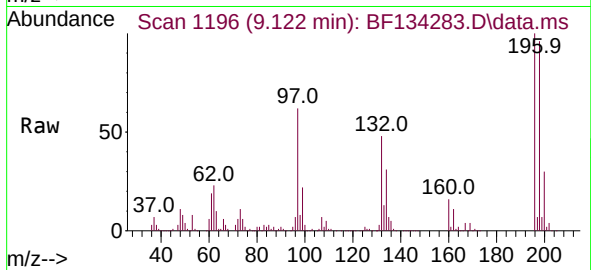
Tgt Ion:196 Resp: 149496

Ion Ratio Lower Upper

196 100

198 95.8 75.6 113.4

200 30.3 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 37.585 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

Tgt Ion:196 Resp: 160673

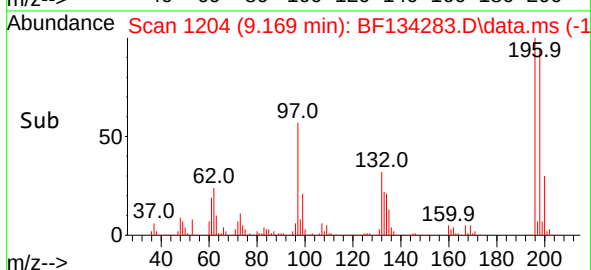
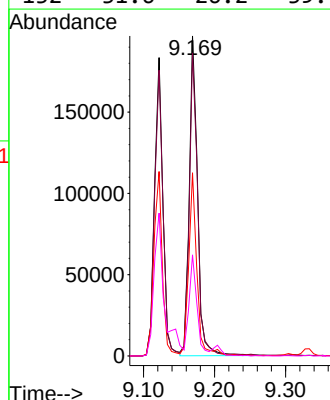
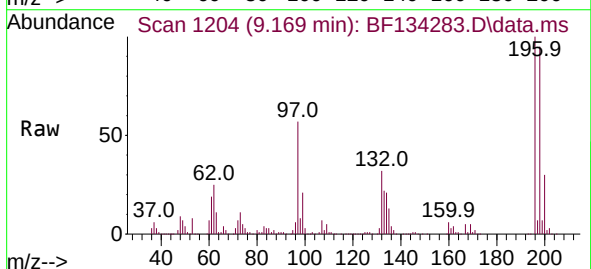
Ion Ratio Lower Upper

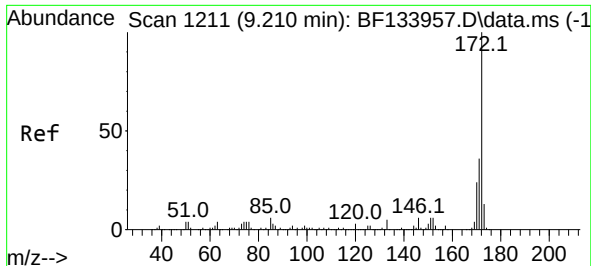
196 100

198 94.7 75.7 113.5

97 57.3 45.8 68.6

132 31.6 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 79.183 ng

RT: 9.204 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB154160BS

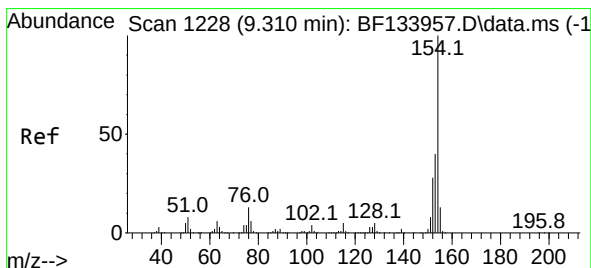
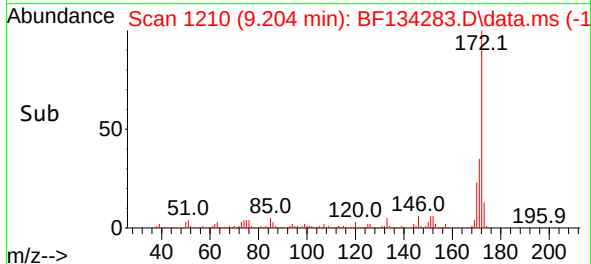
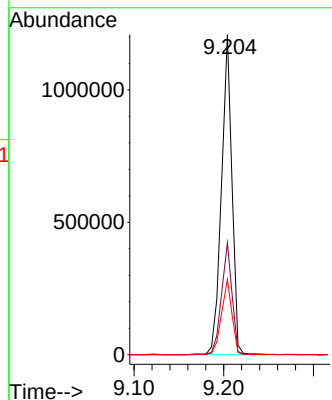
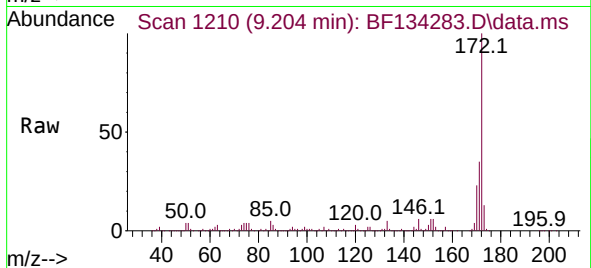
Tgt Ion:172 Resp: 981417

Ion Ratio Lower Upper

172 100

171 35.0 28.6 43.0

170 23.5 19.4 29.0



#46

1,1'-Biphenyl

Concen: 41.472 ng

RT: 9.304 min Scan# 1227

Delta R.T. 0.000 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

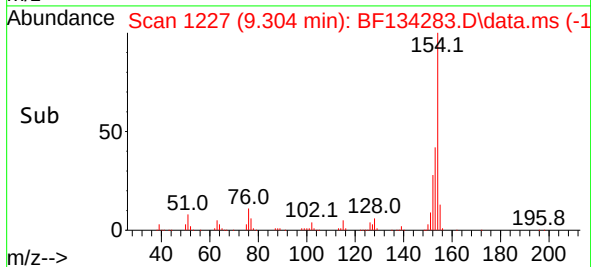
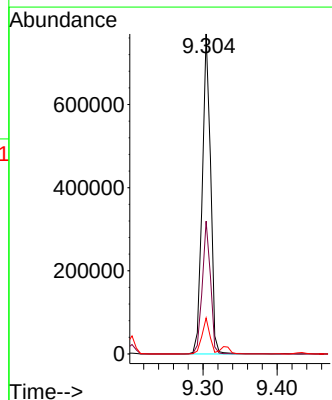
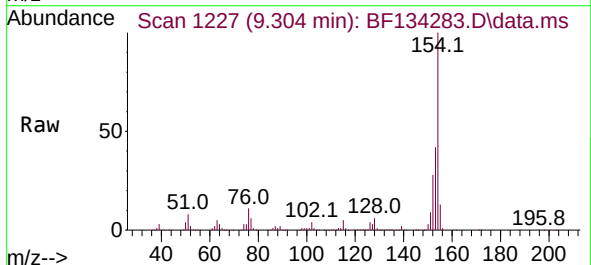
Tgt Ion:154 Resp: 599484

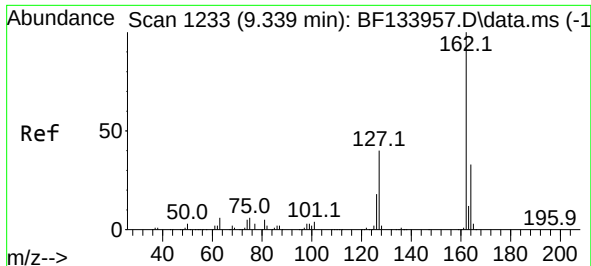
Ion Ratio Lower Upper

154 100

153 41.5 19.8 59.8

76 11.2 0.0 32.9

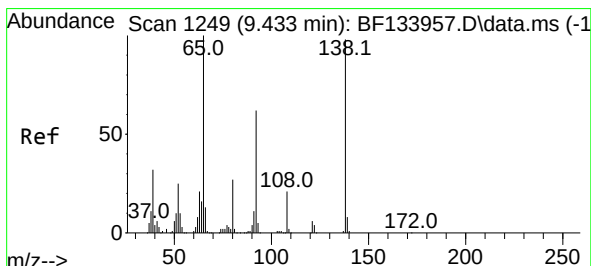
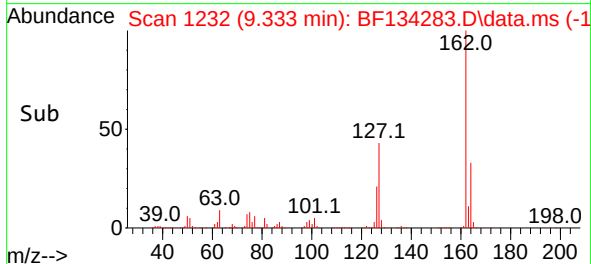
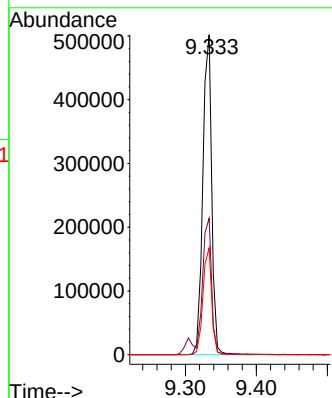
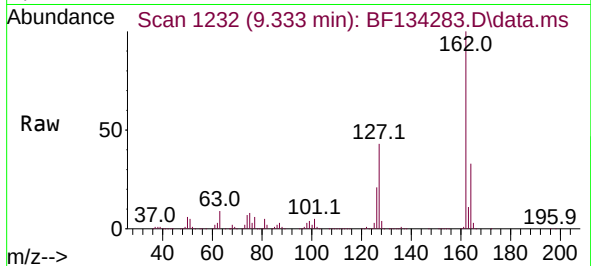




#47
2-Chloronaphthalene
Concen: 41.442 ng
RT: 9.333 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

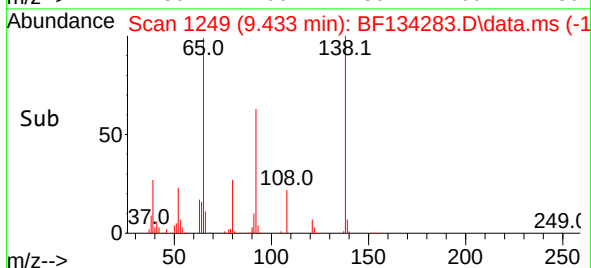
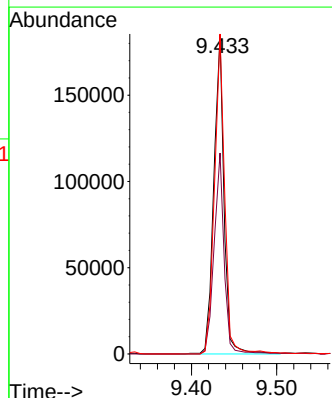
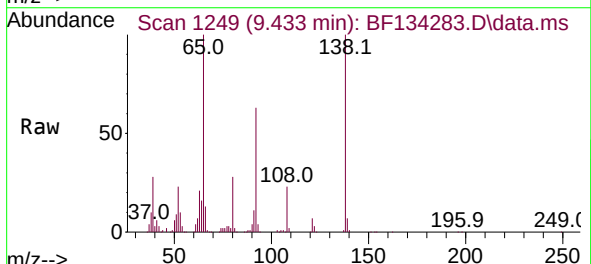
Instrument :
BNA_F
ClientSampleId :
PB154160BS

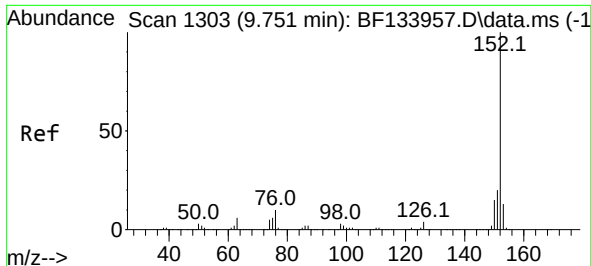
Tgt Ion:162 Resp: 438294
Ion Ratio Lower Upper
162 100
127 42.7 32.9 49.3
164 33.3 26.1 39.1



#48
2-Nitroaniline
Concen: 39.978 ng
RT: 9.433 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion: 65 Resp: 154095
Ion Ratio Lower Upper
65 100
92 63.0 49.5 74.3
138 100.3 78.0 117.0





#49

Acenaphthylene

Concen: 39.827 ng

RT: 9.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB154160BS

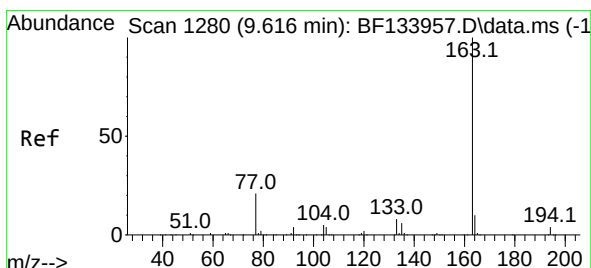
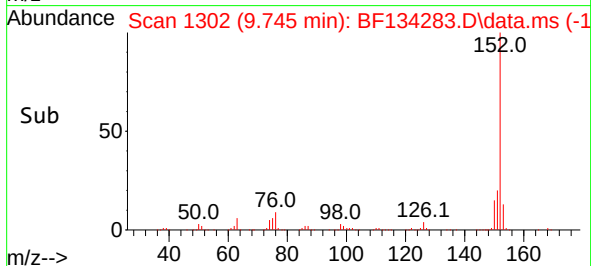
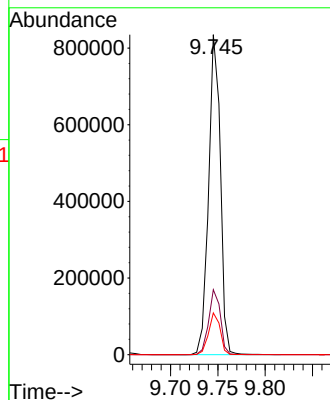
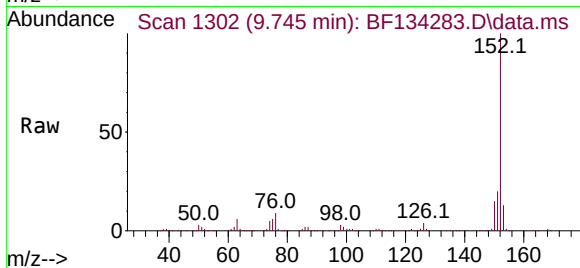
Tgt Ion:152 Resp: 719550

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.1 10.8 16.2



#50

Dimethylphthalate

Concen: 40.617 ng

RT: 9.610 min Scan# 1279

Delta R.T. 0.006 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

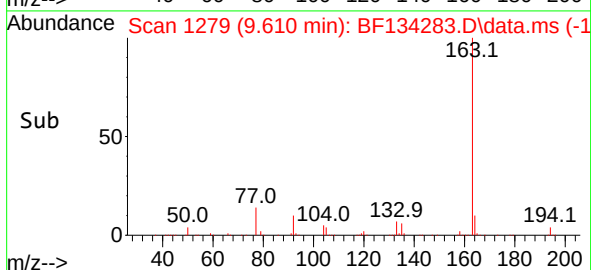
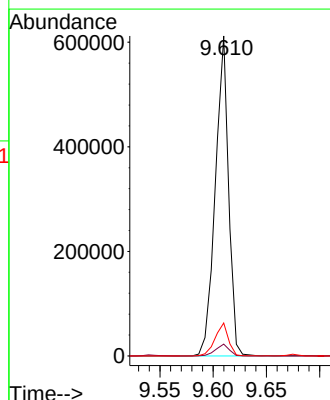
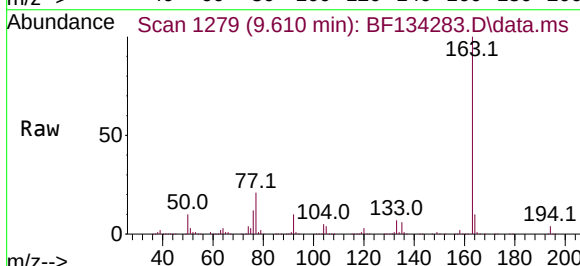
Tgt Ion:163 Resp: 531299

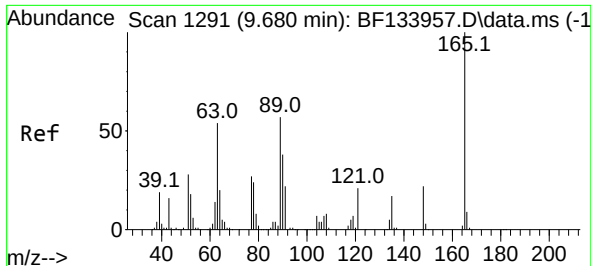
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 41.147 ng

RT: 9.675 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB154160BS

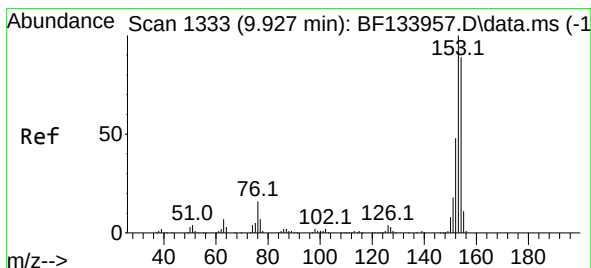
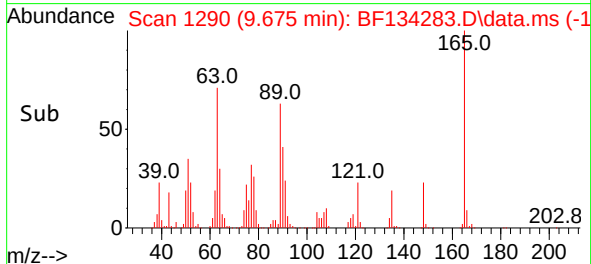
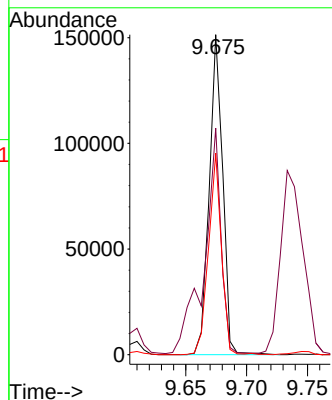
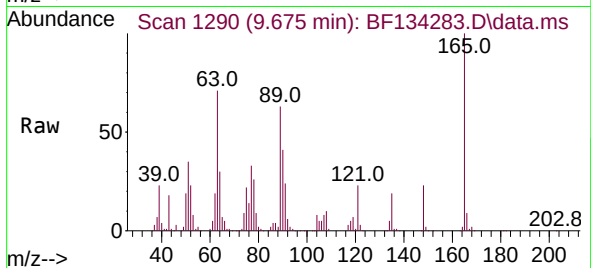
Tgt Ion:165 Resp: 115927

Ion Ratio Lower Upper

165 100

63 70.8 48.5 72.7

89 63.0 45.5 68.3



#52

Acenaphthene

Concen: 40.944 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.006 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

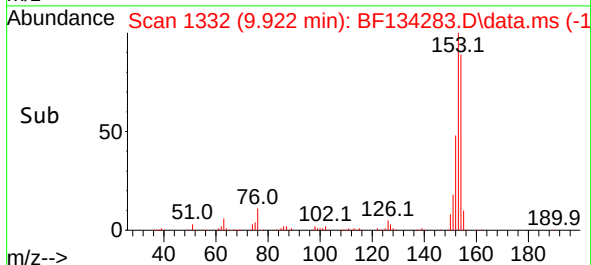
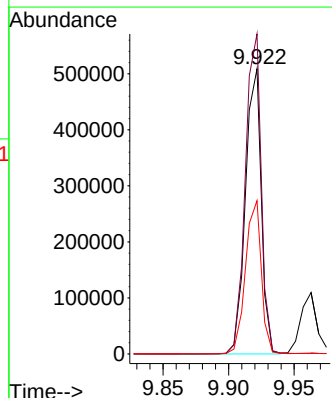
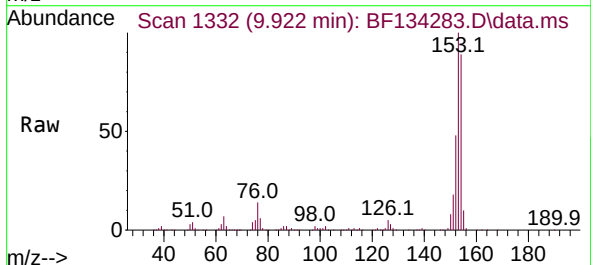
Tgt Ion:154 Resp: 429234

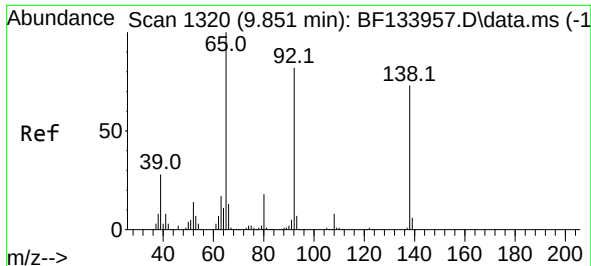
Ion Ratio Lower Upper

154 100

153 112.3 89.4 134.2

152 53.8 42.8 64.2

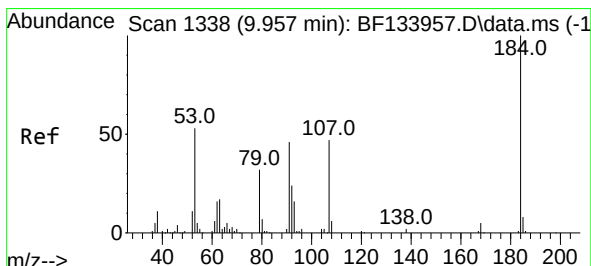
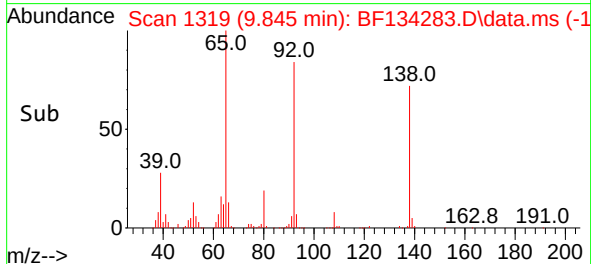
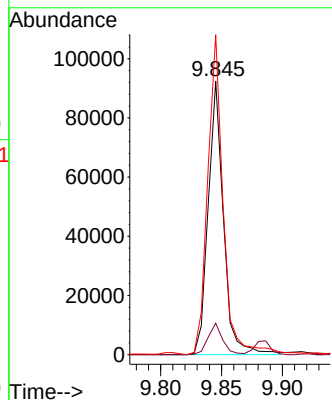
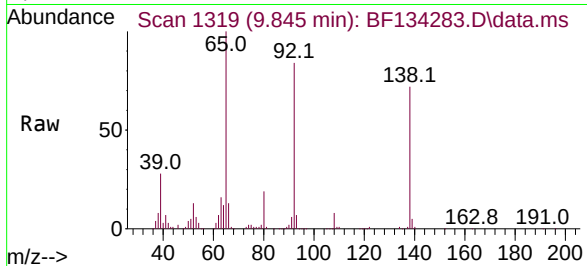




#53
3-Nitroaniline
Concen: 23.877 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

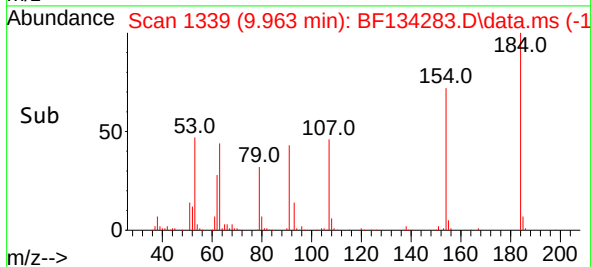
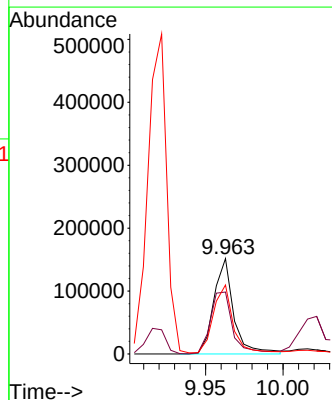
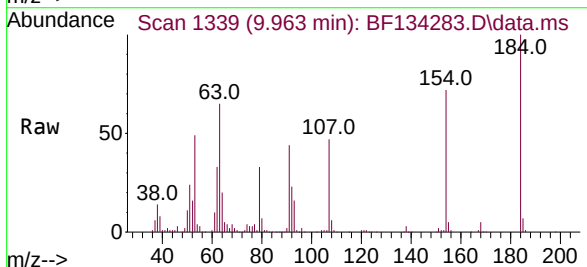
Instrument :
BNA_F
ClientSampleId :
PB154160BS

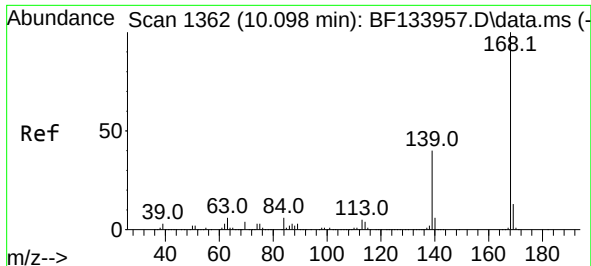
Tgt Ion:138 Resp: 80703
Ion Ratio Lower Upper
138 100
108 11.5 8.4 12.6
92 116.9 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 82.806 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion:184 Resp: 134962
Ion Ratio Lower Upper
184 100
63 65.0 56.9 85.3
154 72.3 55.4 83.0

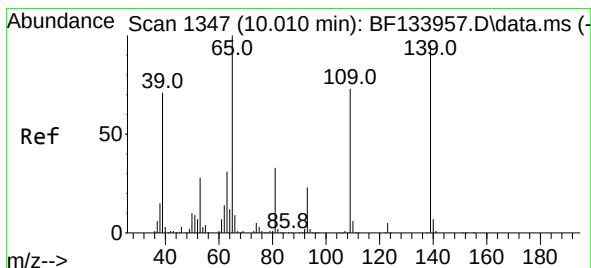
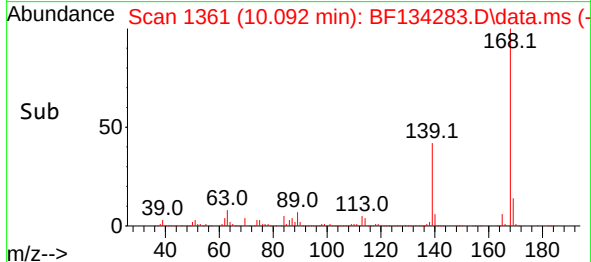
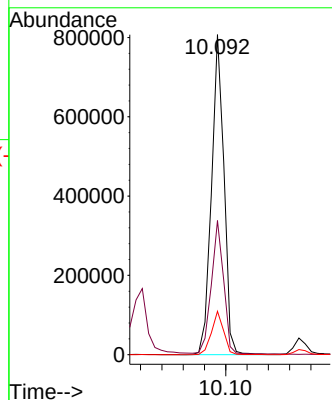
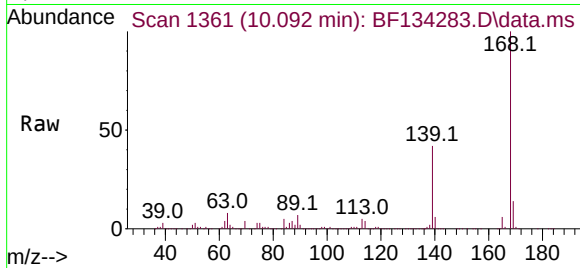




#55
Dibenzofuran
Concen: 40.054 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

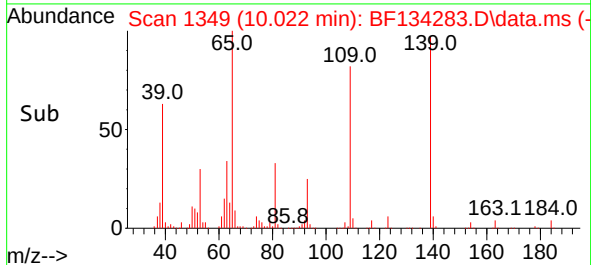
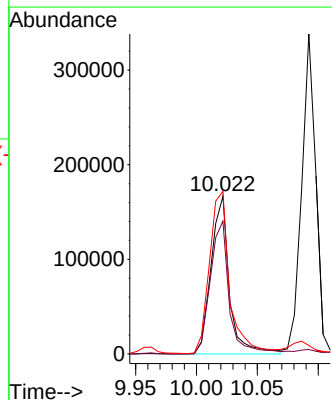
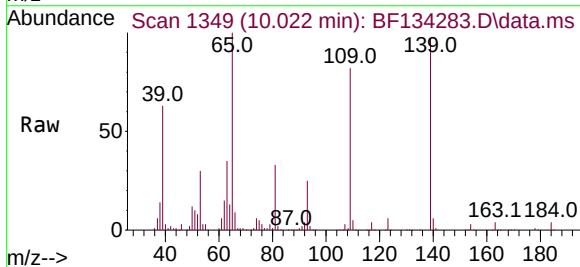
Instrument :
BNA_F
ClientSampleId :
PB154160BS

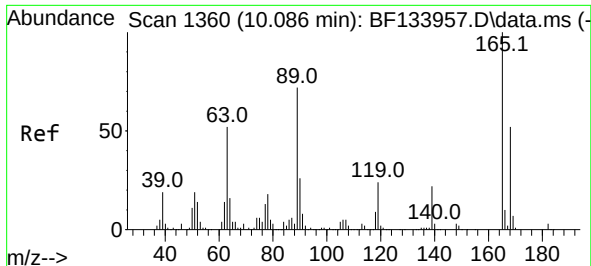
Tgt Ion:168 Resp: 656230
Ion Ratio Lower Upper
168 100
139 41.9 32.0 48.0
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 73.982 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion:139 Resp: 174910
Ion Ratio Lower Upper
139 100
109 84.3 56.8 96.8
65 103.2 86.1 126.1

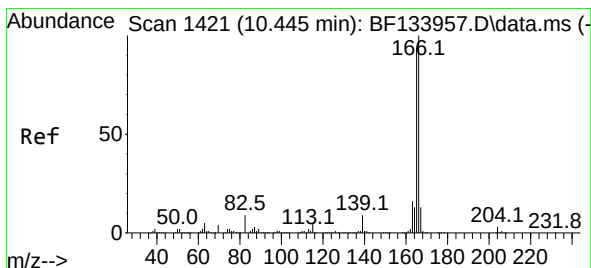
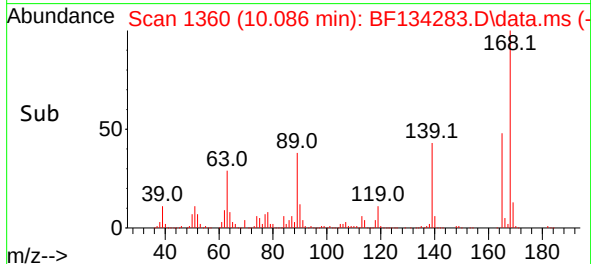
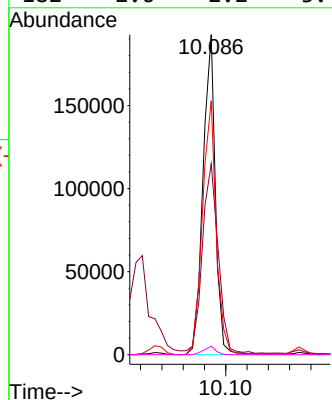
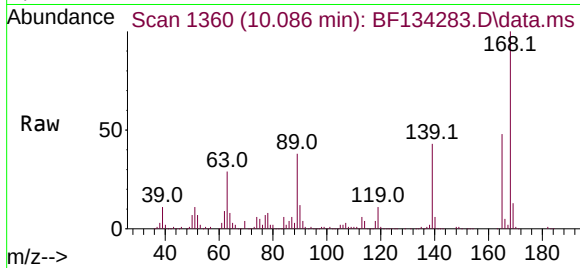




#57
2,4-Dinitrotoluene
Concen: 42.019 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

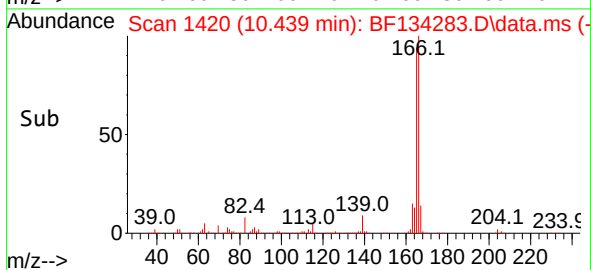
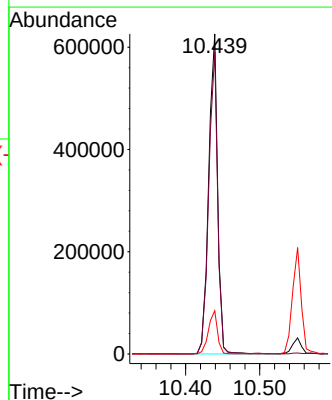
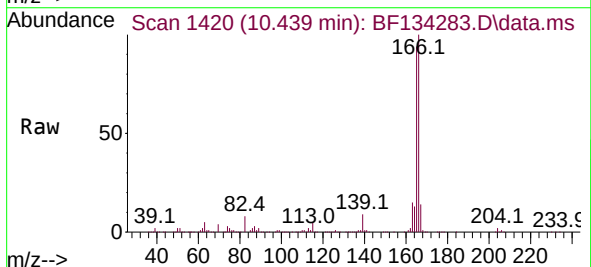
Instrument :
BNA_F
ClientSampleId :
PB154160BS

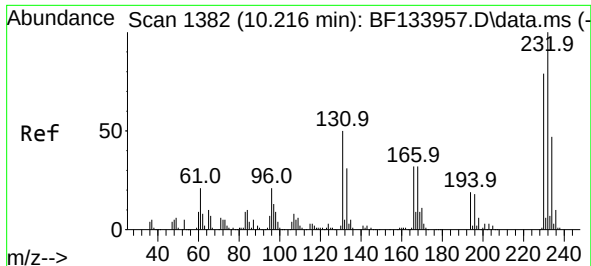
Tgt Ion:165 Resp: 156340
Ion Ratio Lower Upper
165 100
63 59.7 42.2 63.2
89 79.3 57.4 86.2
182 2.6 2.2 3.4



#58
Fluorene
Concen: 41.341 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion:166 Resp: 526946
Ion Ratio Lower Upper
166 100
165 94.4 75.0 112.4
167 13.5 10.6 15.8

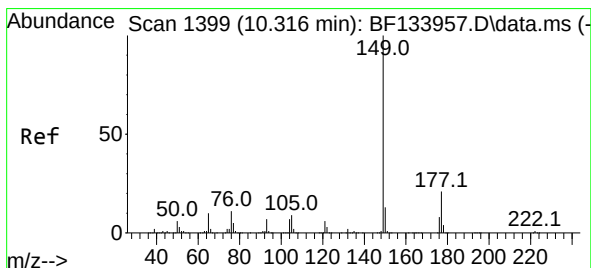
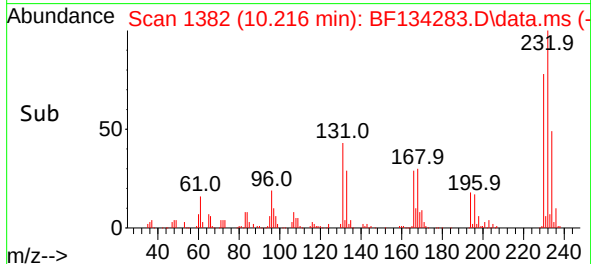
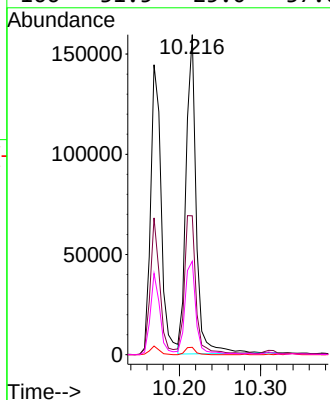
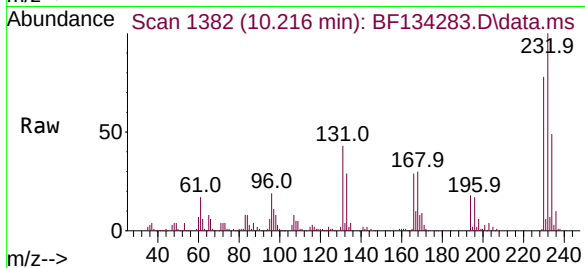




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.004 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

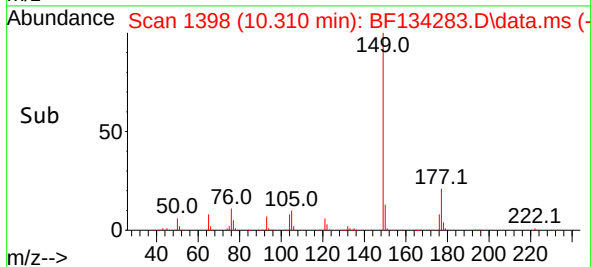
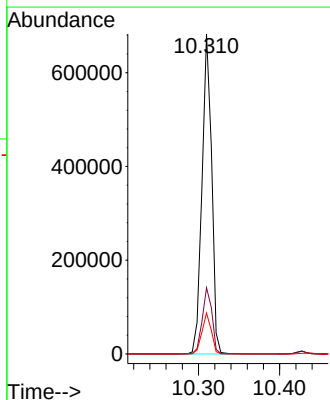
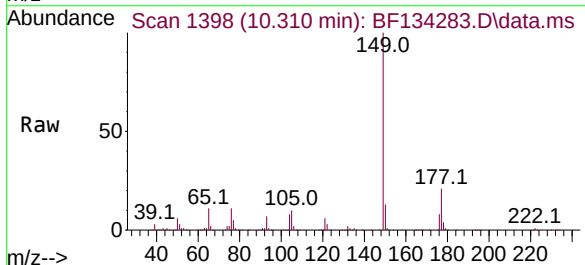
Instrument :
BNA_F
ClientSampleId :
PB154160BS

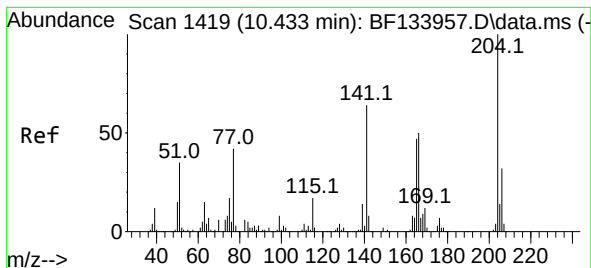
Tgt Ion:232 Resp: 138268
Ion Ratio Lower Upper
232 100
131 50.5 39.3 58.9
130 2.4 1.8 2.6
166 31.5 25.0 37.6



#60
Diethylphthalate
Concen: 41.301 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.006 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion:149 Resp: 562851
Ion Ratio Lower Upper
149 100
177 20.7 17.0 25.6
150 12.8 10.2 15.2

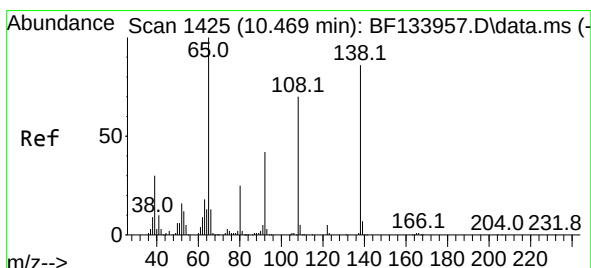
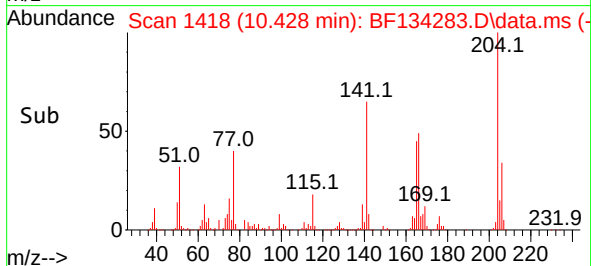
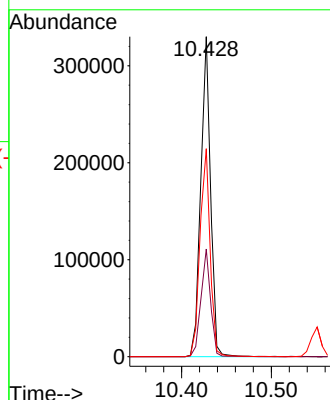
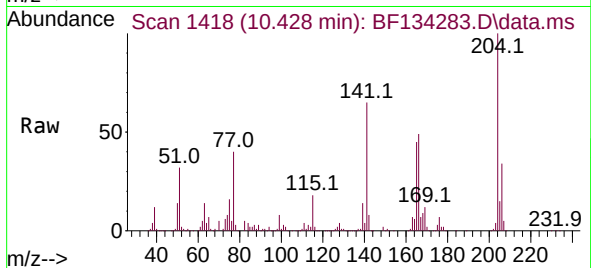




#61
4-Chlorophenyl-phenylether
Concen: 40.751 ng
RT: 10.428 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

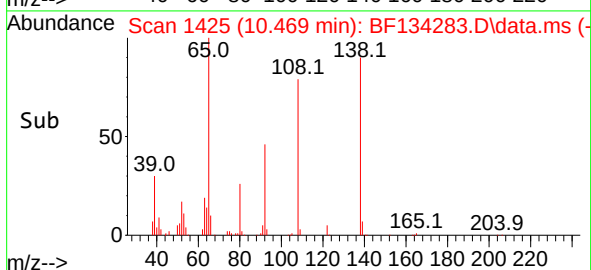
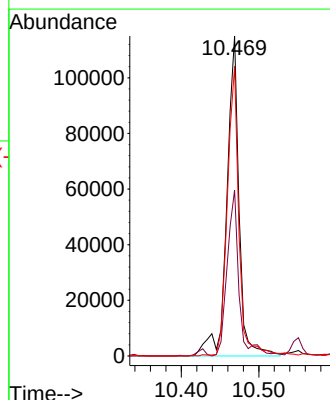
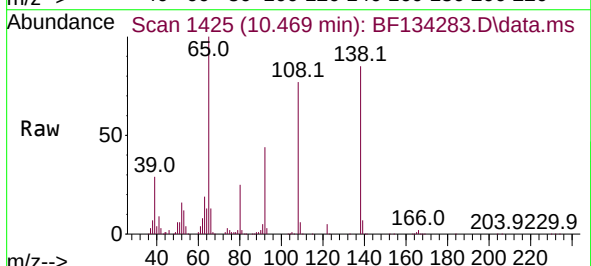
Instrument :
BNA_F
ClientSampleId :
PB154160BS

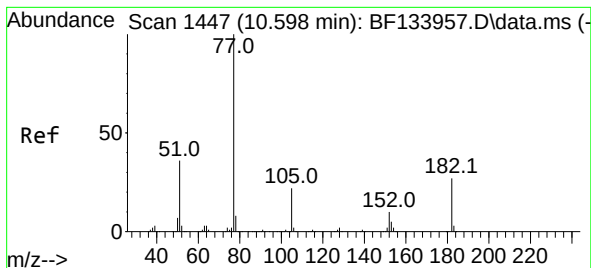
Tgt Ion:204 Resp: 250321
Ion Ratio Lower Upper
204 100
206 33.7 25.8 38.6
141 65.0 51.5 77.3



#62
4-Nitroaniline
Concen: 37.229 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion:138 Resp: 126810
Ion Ratio Lower Upper
138 100
92 51.9 29.7 69.7
108 90.4 62.1 102.1





#63

Azobenzene

Concen: 40.034 ng

RT: 10.592 min Scan# 1447

Delta R.T. 0.006 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB154160BS

Tgt Ion: 77 Resp: 516082

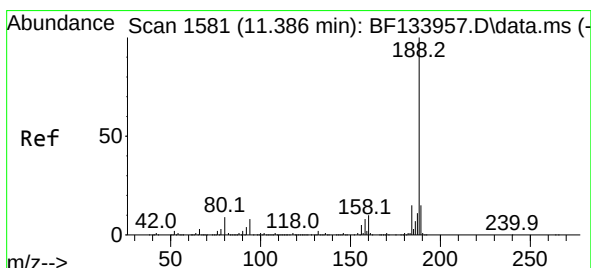
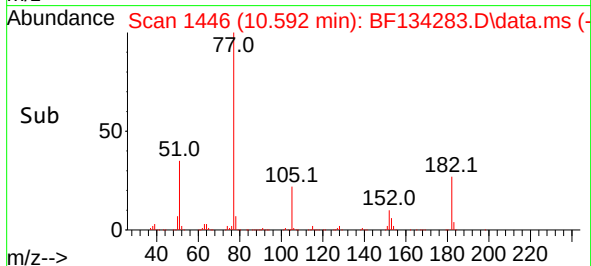
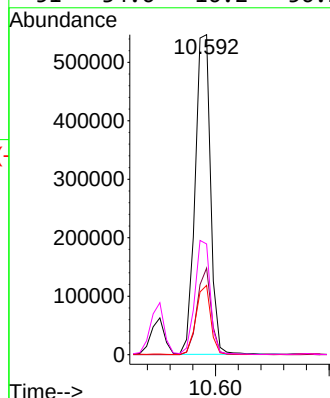
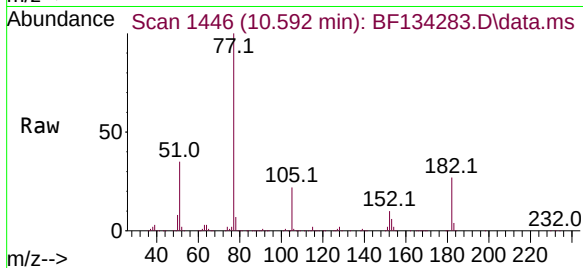
Ion Ratio Lower Upper

77 100

182 27.1 6.8 46.8

105 21.7 2.3 42.3

51 34.6 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

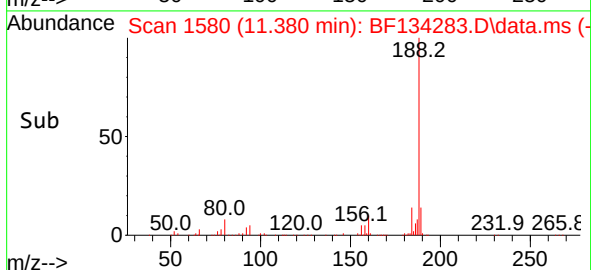
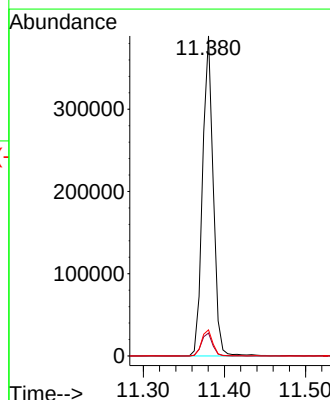
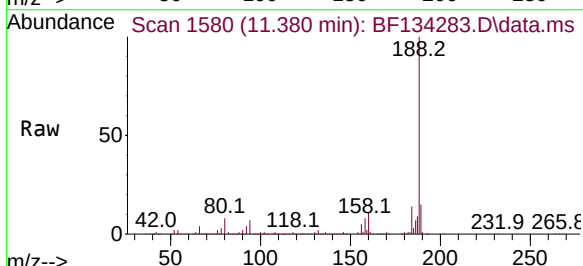
Tgt Ion: 188 Resp: 356350

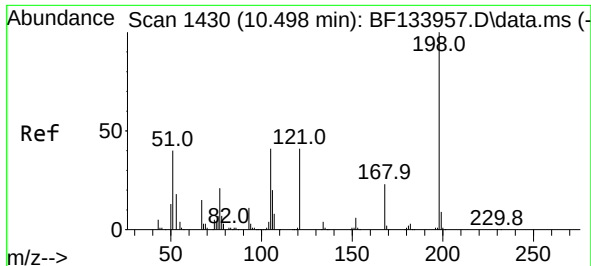
Ion Ratio Lower Upper

188 100

94 7.2 6.4 9.6

80 8.1 7.3 10.9

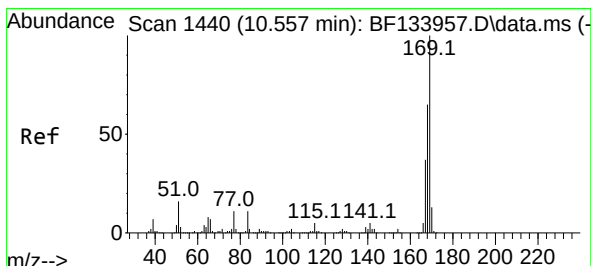
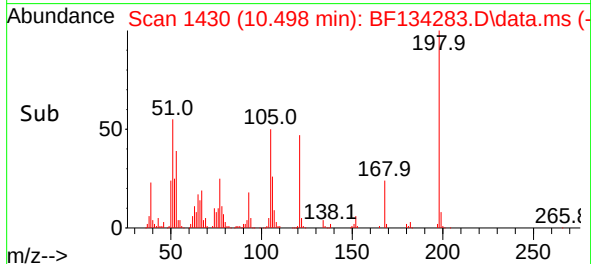
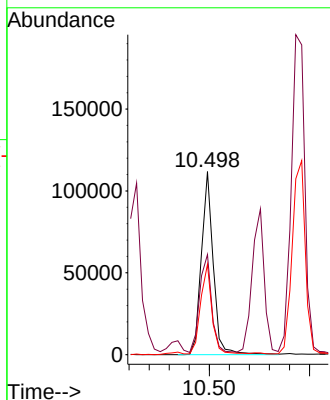
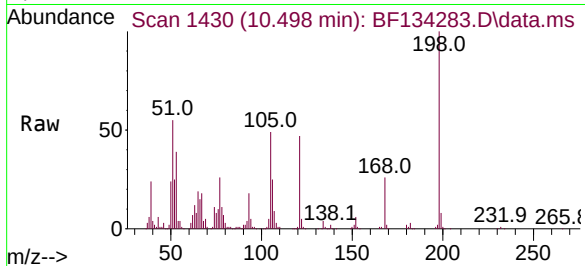




#65
4,6-Dinitro-2-methylphenol
Concen: 47.557 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

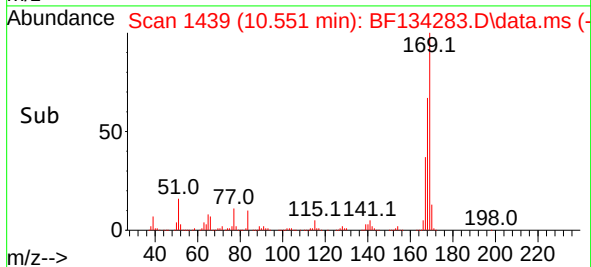
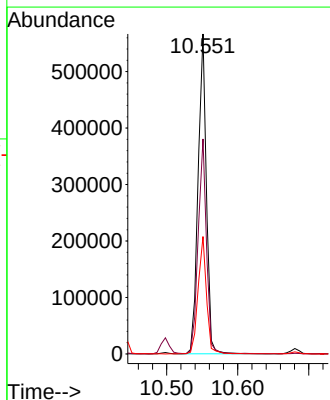
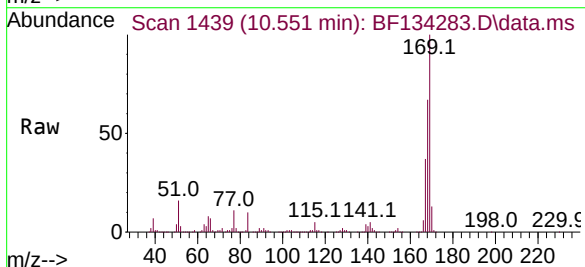
Instrument :
BNA_F
ClientSampleId :
PB154160BS

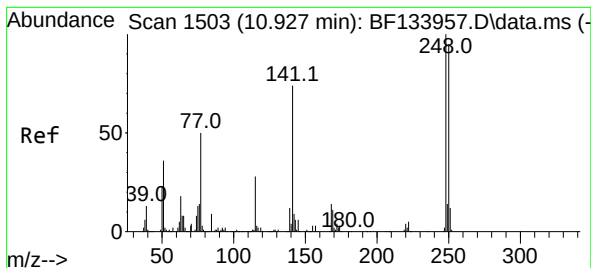
Tgt Ion:198 Resp: 92393
Ion Ratio Lower Upper
198 100
51 54.7 29.3 69.3
105 49.4 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 40.664 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion:169 Resp: 462983
Ion Ratio Lower Upper
169 100
168 67.2 52.3 78.5
167 36.7 29.4 44.0

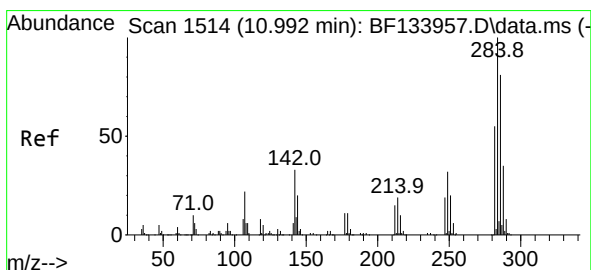
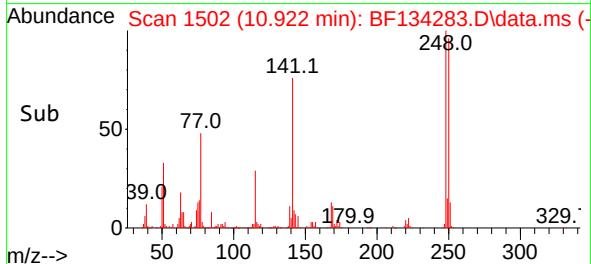
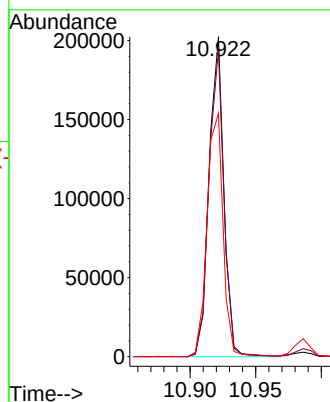
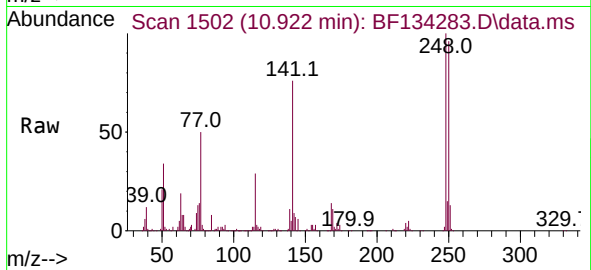




#67
4-Bromophenyl-phenylether
Concen: 41.940 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

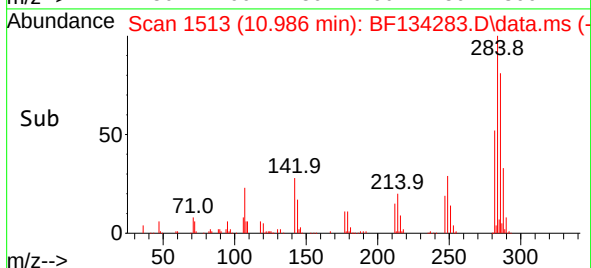
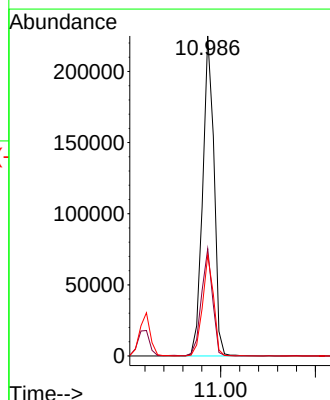
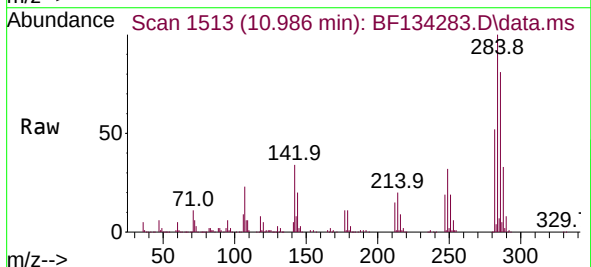
Instrument :
BNA_F
ClientSampleId :
PB154160BS

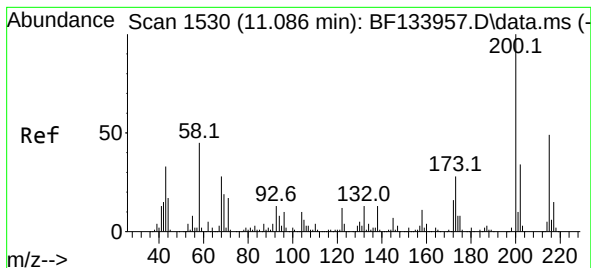
Tgt Ion:248 Resp: 158852
Ion Ratio Lower Upper
248 100
250 95.7 76.2 114.4
141 76.0 59.0 88.4



#68
Hexachlorobenzene
Concen: 46.315 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion:284 Resp: 186258
Ion Ratio Lower Upper
284 100
142 33.5 26.6 40.0
249 31.5 25.5 38.3





#69

Atrazine

Concen: 37.601 ng

RT: 11.080 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB154160BS

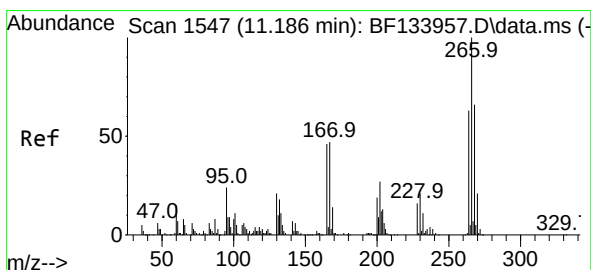
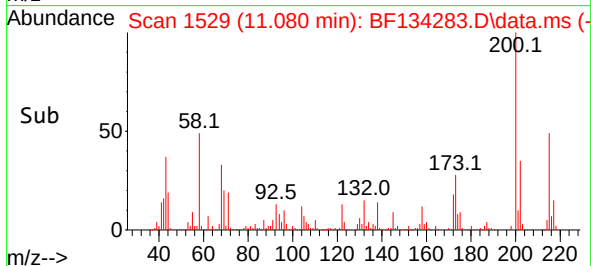
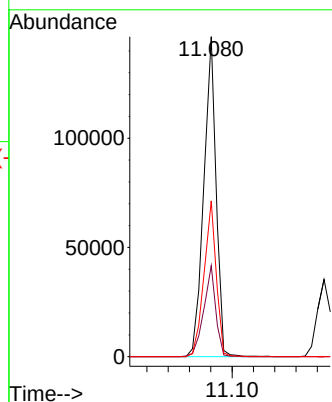
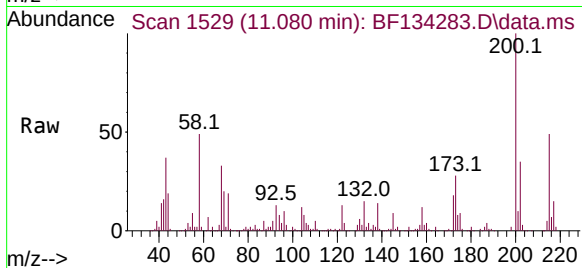
Tgt Ion:200 Resp: 118417

Ion Ratio Lower Upper

200 100

173 28.4 8.0 48.0

215 48.7 29.3 69.3



#70

Pentachlorophenol

Concen: 74.492 ng

RT: 11.186 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

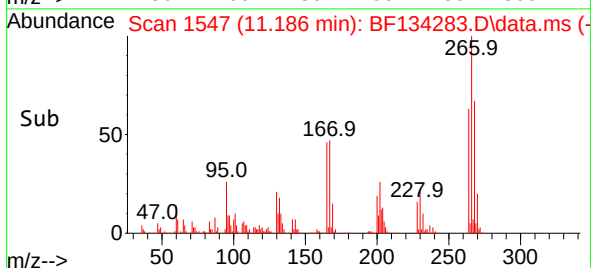
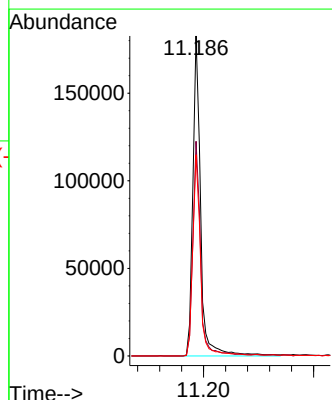
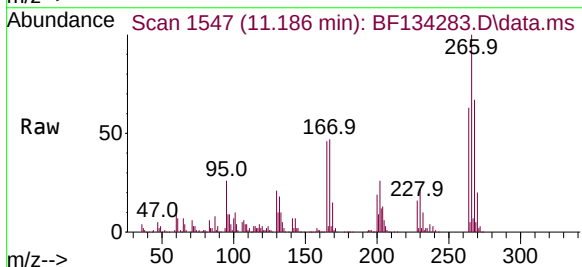
Tgt Ion:266 Resp: 179118

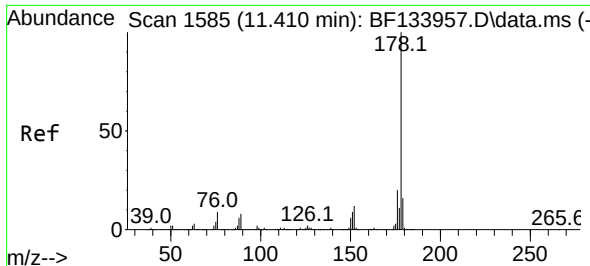
Ion Ratio Lower Upper

266 100

268 67.1 52.6 79.0

264 62.9 50.6 76.0

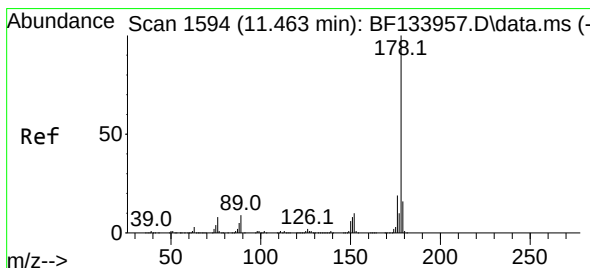
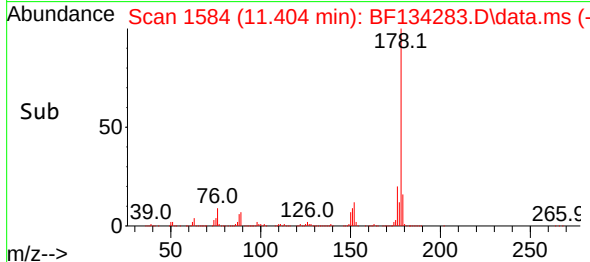
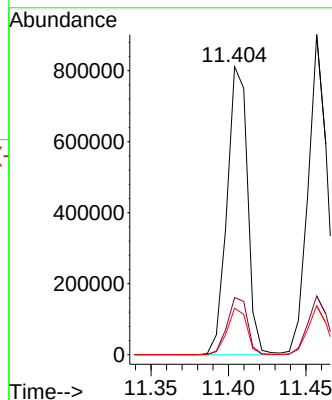
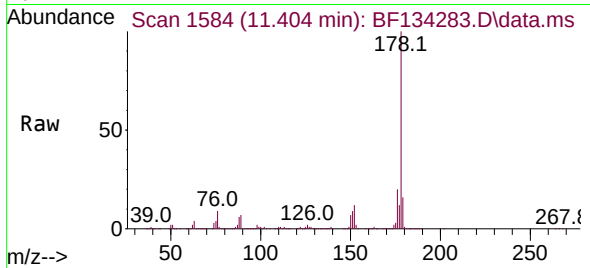




#71
Phenanthrene
Concen: 41.597 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

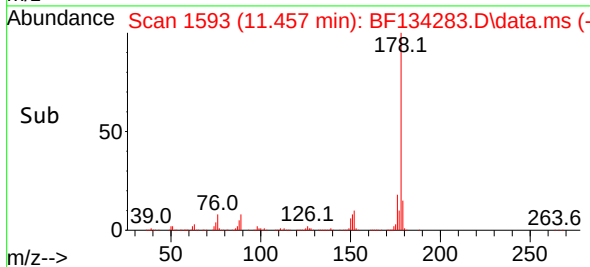
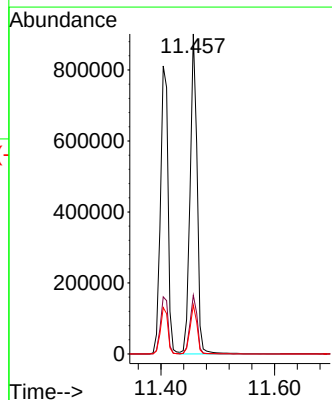
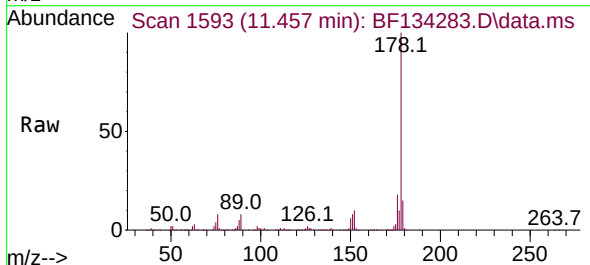
Instrument :
BNA_F
ClientSampleId :
PB154160BS

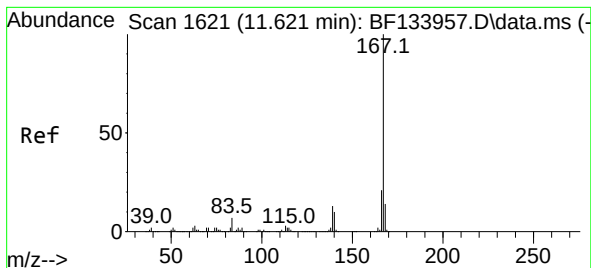
Tgt Ion:178 Resp: 746226
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.1 12.4 18.6



#72
Anthracene
Concen: 41.146 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion:178 Resp: 767740
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 15.3 12.4 18.6





#73

Carbazole

Concen: 42.908 ng

RT: 11.616 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB154160BS

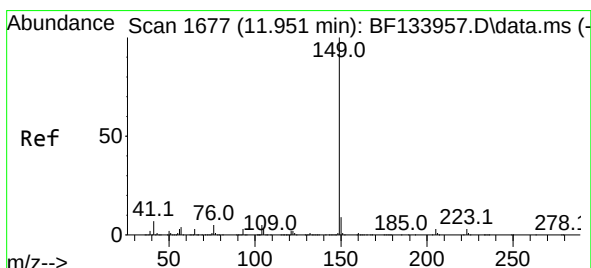
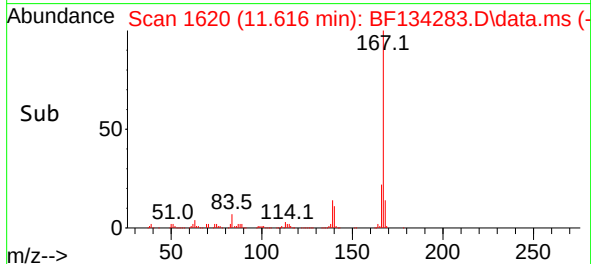
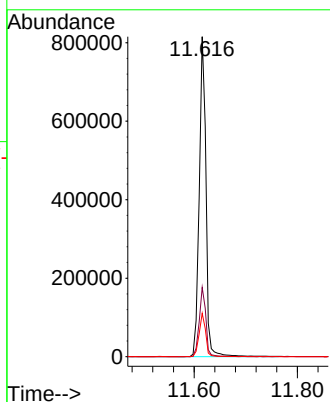
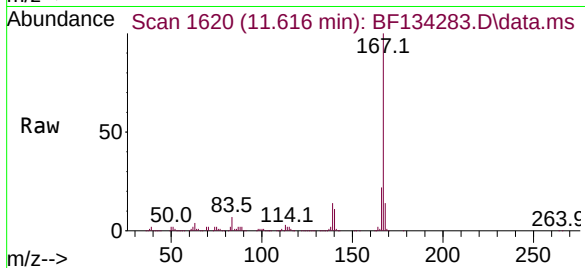
Tgt Ion:167 Resp: 732817

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

139 13.5 10.4 15.6



#74

Di-n-butylphthalate

Concen: 43.656 ng

RT: 11.945 min Scan# 1676

Delta R.T. 0.006 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

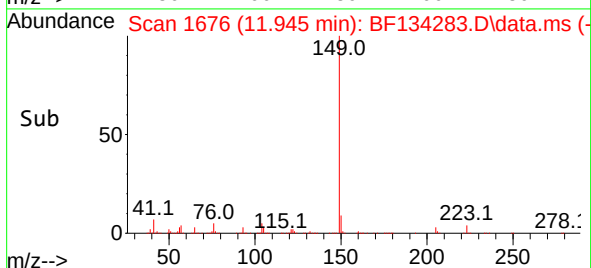
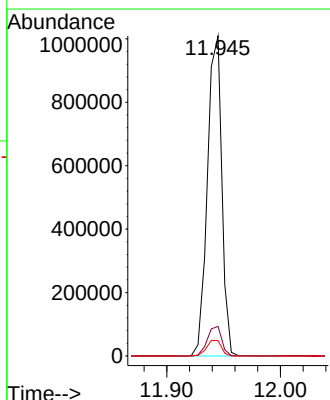
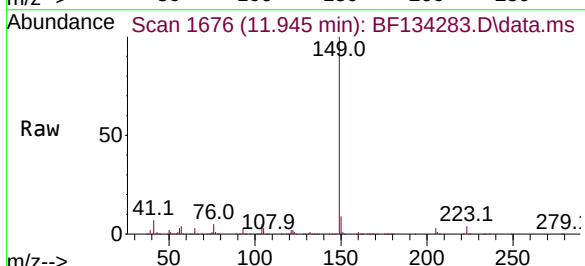
Tgt Ion:149 Resp: 886638

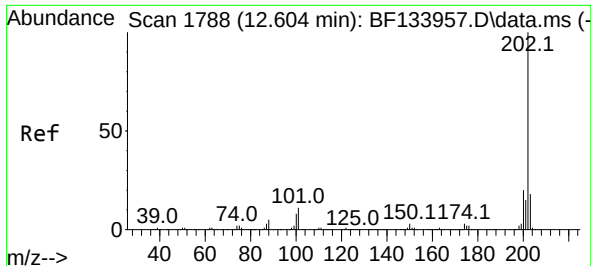
Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

104 4.8 4.0 6.0

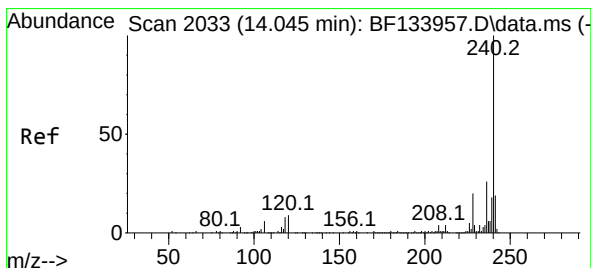
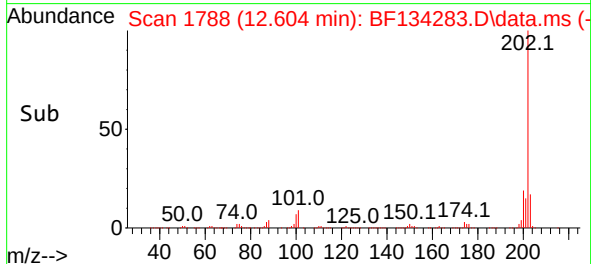
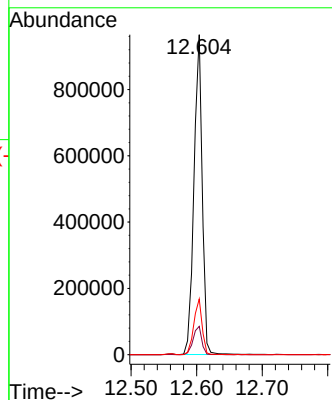
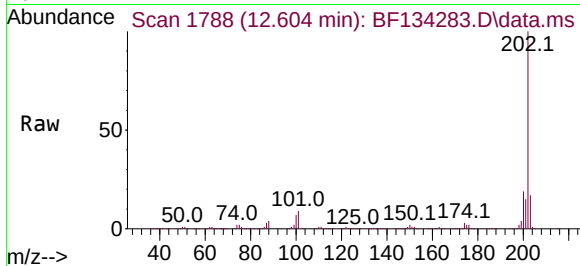




#75
Fluoranthene
Concen: 43.686 ng
RT: 12.604 min Scan# 1788
Delta R.T. 0.006 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

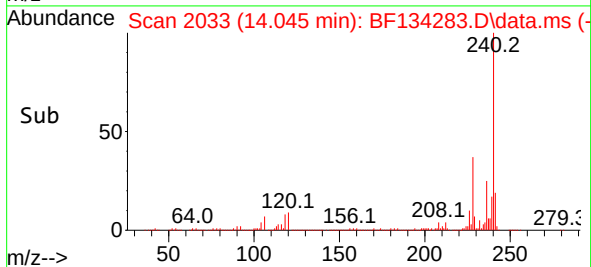
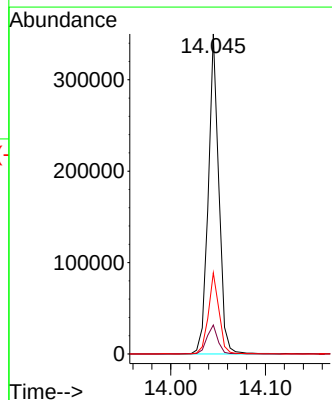
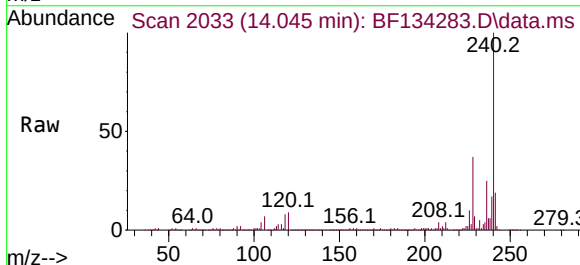
Instrument :
BNA_F
ClientSampleId :
PB154160BS

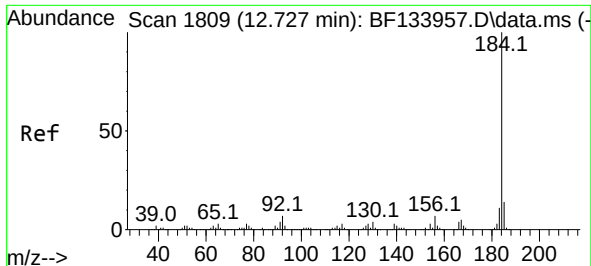
Tgt Ion:202 Resp: 847245
Ion Ratio Lower Upper
202 100
101 8.8 0.0 31.0
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion:240 Resp: 270560
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.0
236 25.3 21.0 31.6

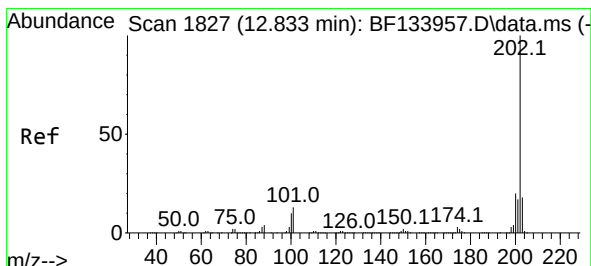
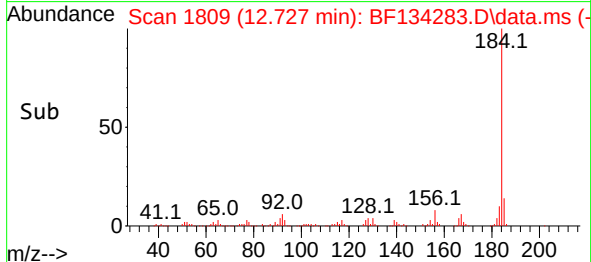
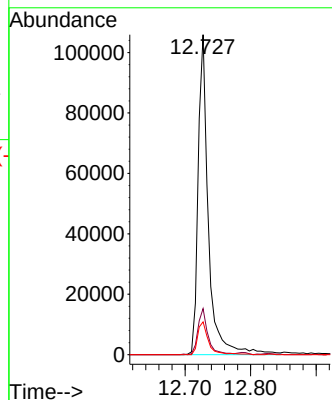
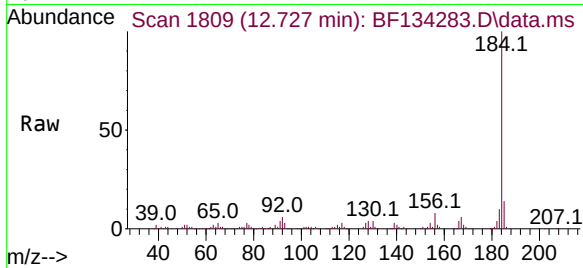




#77
Benzidine
Concen: 18.004 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

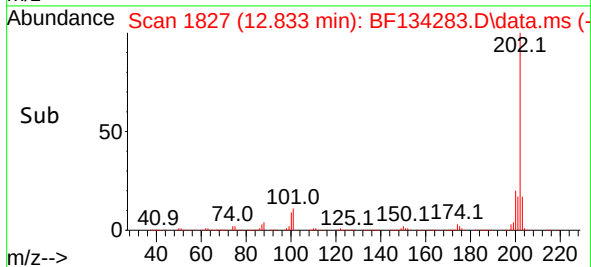
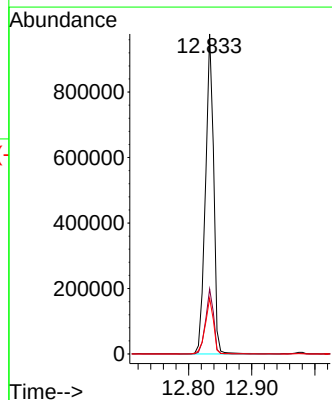
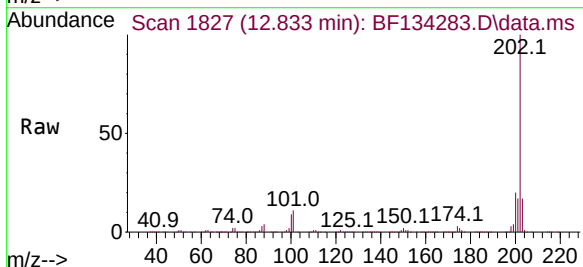
Instrument :
BNA_F
ClientSampleId :
PB154160BS

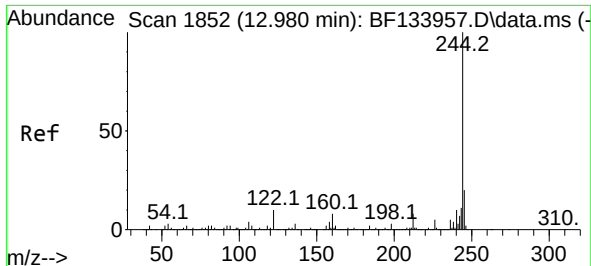
Tgt Ion:184 Resp: 115908
Ion Ratio Lower Upper
184 100
185 14.4 11.6 17.4
183 10.2 8.8 13.2



#78
Pyrene
Concen: 34.800 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion:202 Resp: 876244
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 17.4 14.3 21.5

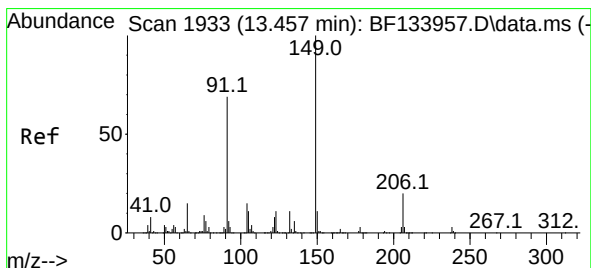
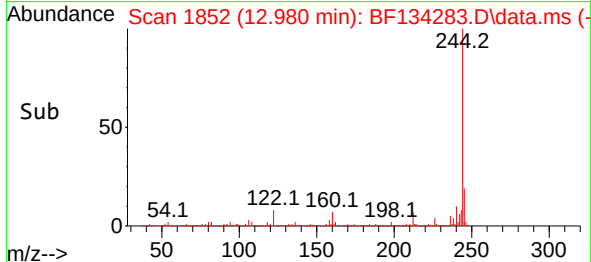
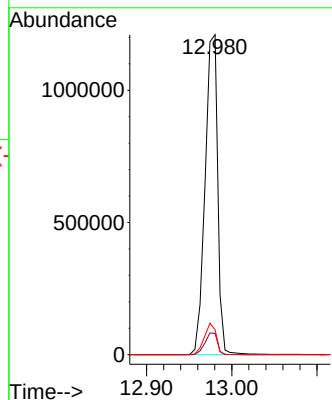
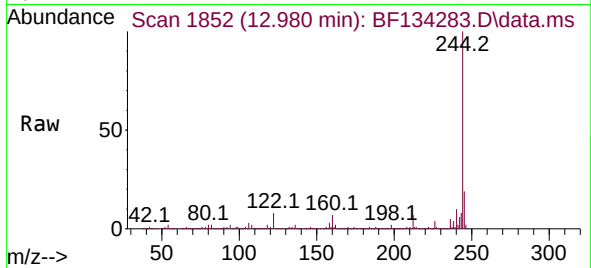




#79
 Terphenyl-d14
 Concen: 74.055 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.006 min
 Lab File: BF134283.D
 Acq: 14 Jul 2023 10:49

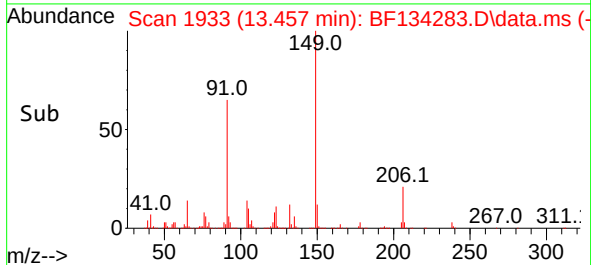
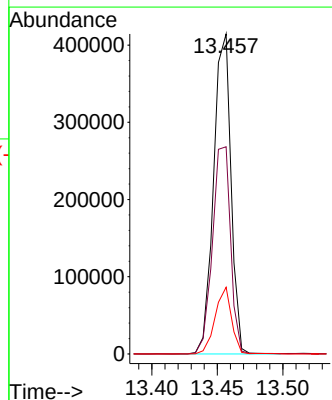
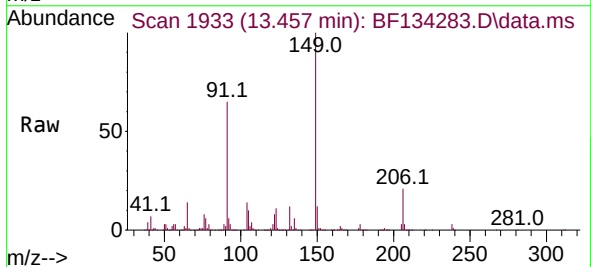
Instrument :
 BNA_F
 ClientSampleId :
 PB154160BS

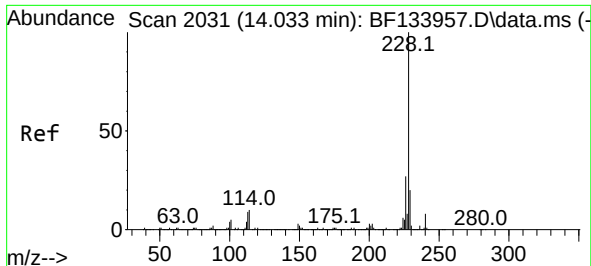
Tgt Ion:244 Resp: 1244940
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 7.8 8.3 12.5#



#80
 Butylbenzylphthalate
 Concen: 40.545 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. 0.006 min
 Lab File: BF134283.D
 Acq: 14 Jul 2023 10:49

Tgt Ion:149 Resp: 382880
 Ion Ratio Lower Upper
 149 100
 91 64.7 55.1 82.7
 206 20.8 15.7 23.5

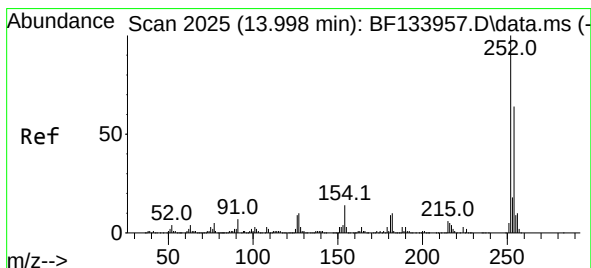
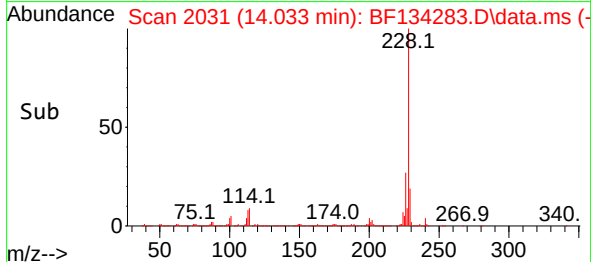
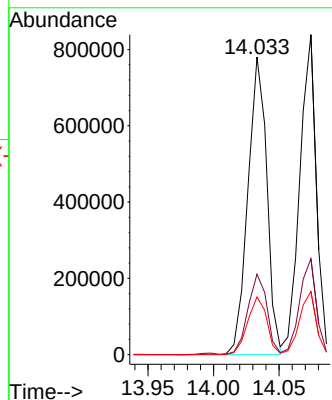
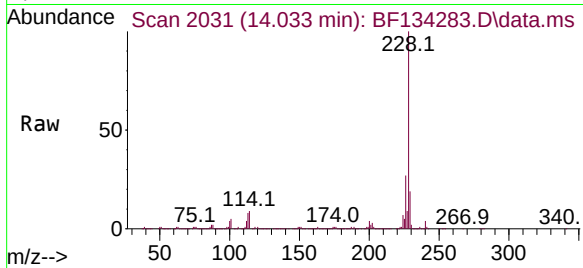




#81
Benzo(a)anthracene
Concen: 41.814 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

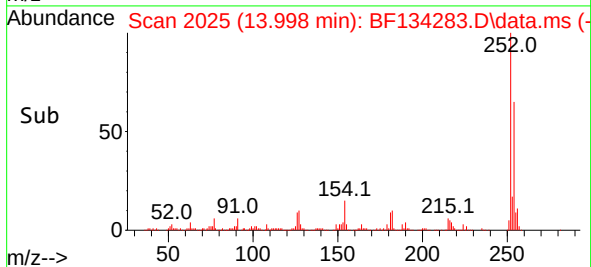
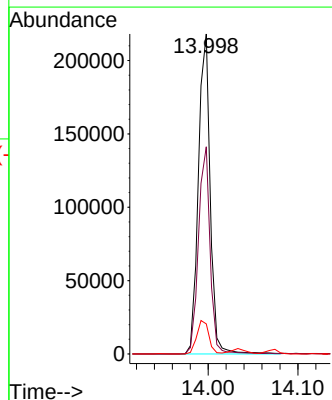
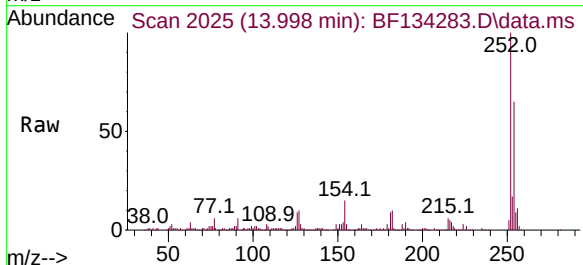
Instrument :
BNA_F
ClientSampleId :
PB154160BS

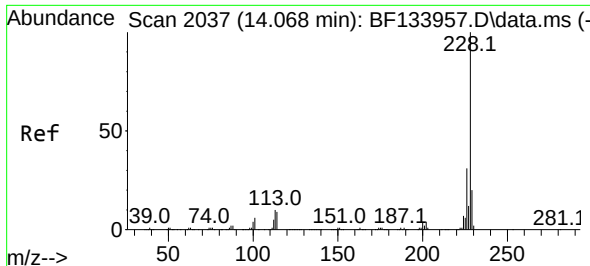
Tgt Ion:228 Resp: 784583
Ion Ratio Lower Upper
228 100
226 27.1 22.0 33.0
229 19.4 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 33.618 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion:252 Resp: 199850
Ion Ratio Lower Upper
252 100
254 64.7 51.4 77.0
126 9.4 7.4 11.2

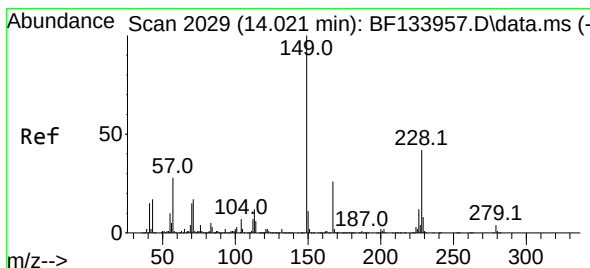
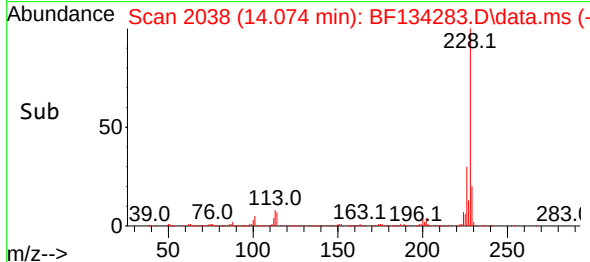
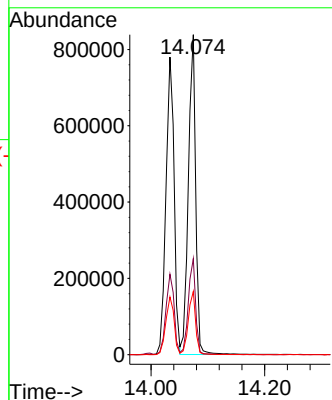
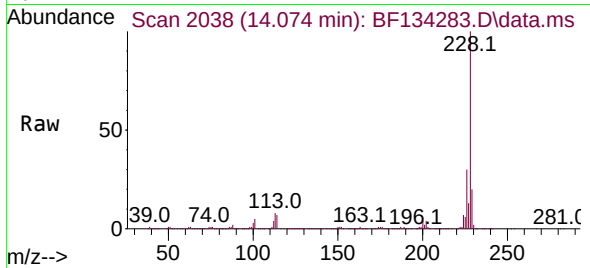




#83
Chrysene
Concen: 41.199 ng
RT: 14.074 min Scan# 2037
Delta R.T. 0.006 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

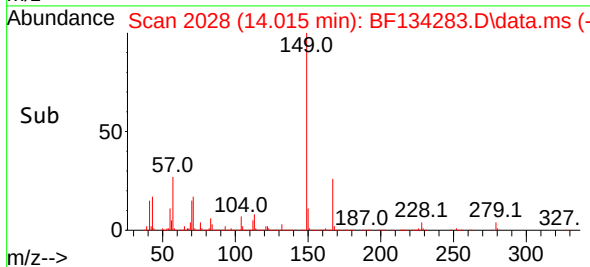
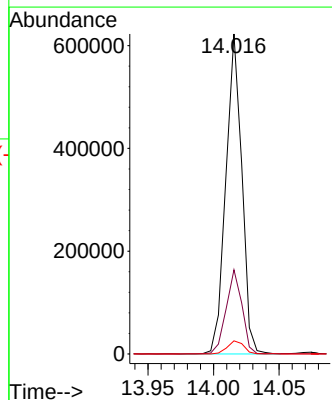
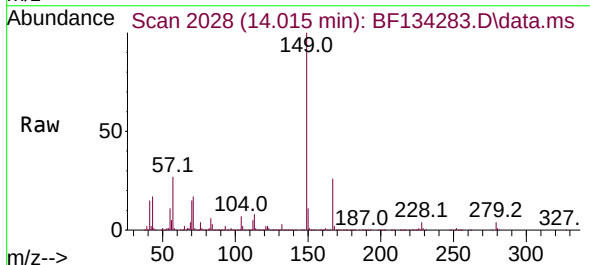
Instrument :
BNA_F
ClientSampleId :
PB154160BS

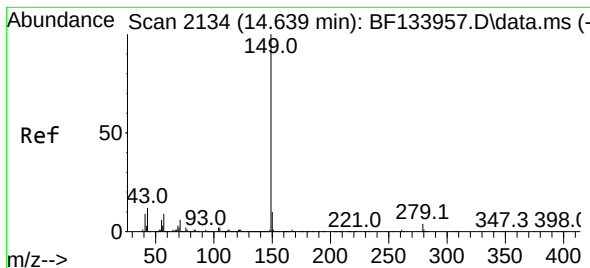
Tgt Ion:228 Resp: 748755
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 19.7 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.549 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion:149 Resp: 526807
Ion Ratio Lower Upper
149 100
167 26.3 21.0 31.4
279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 55.023 ng

RT: 14.639 min Scan# 2134

Delta R.T. 0.006 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB154160BS

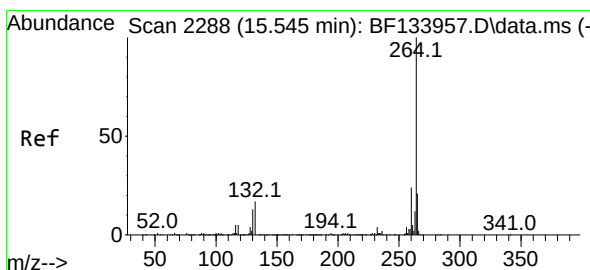
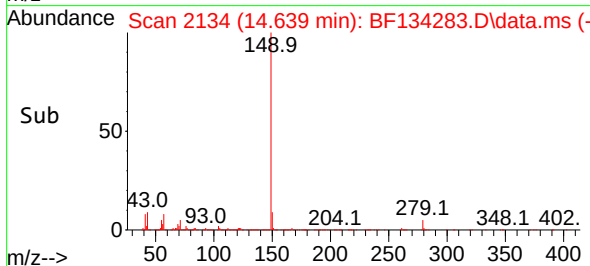
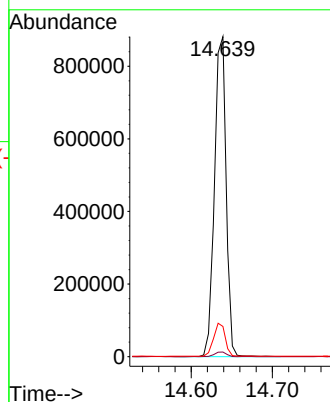
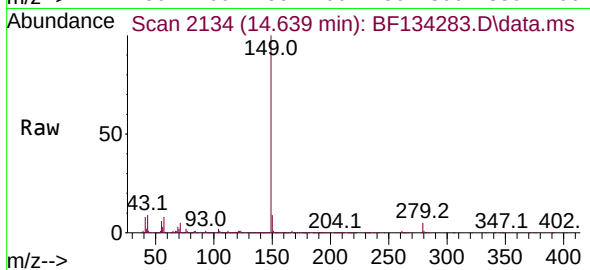
Tgt Ion:149 Resp: 877287

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.7 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2289

Delta R.T. 0.006 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

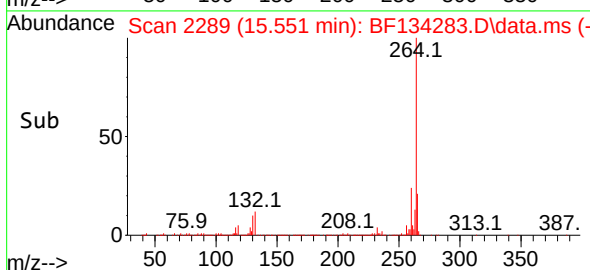
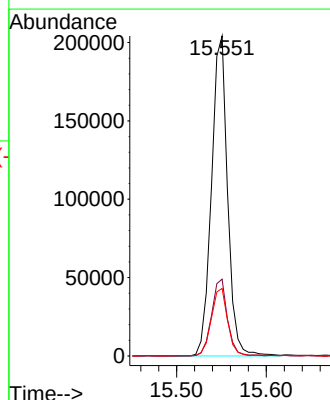
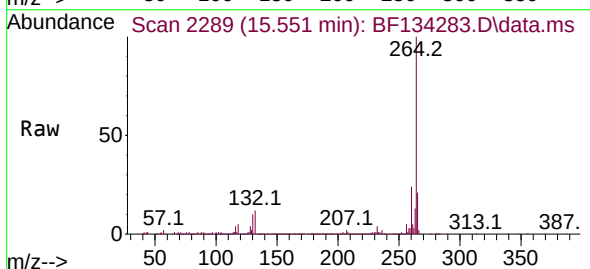
Tgt Ion:264 Resp: 254078

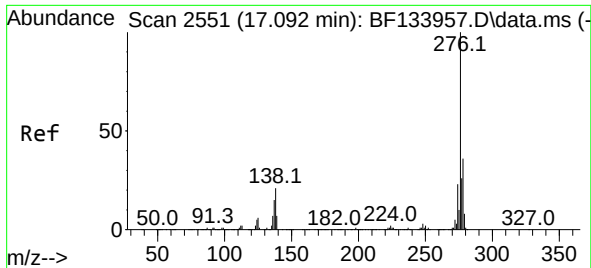
Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.1 16.6 25.0

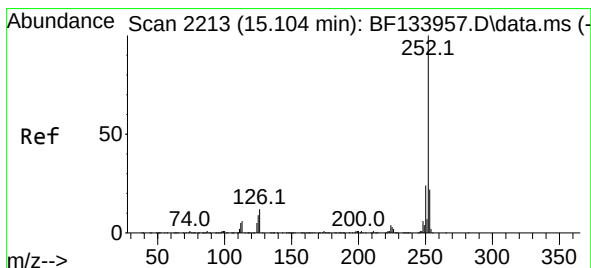
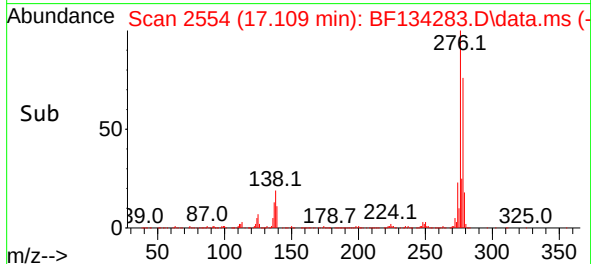
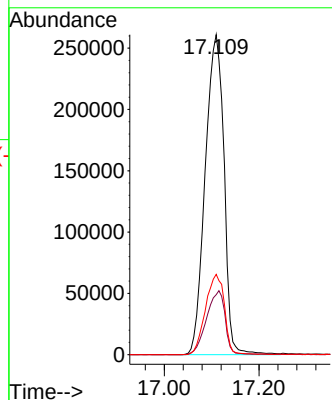
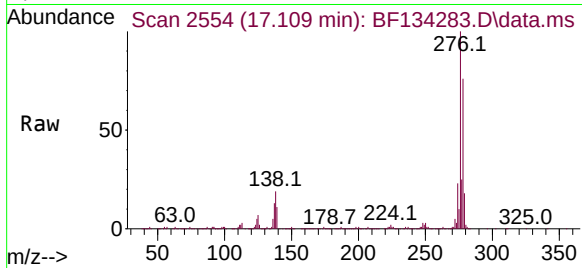




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.777 ng
 RT: 17.109 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF134283.D
 Acq: 14 Jul 2023 10:49

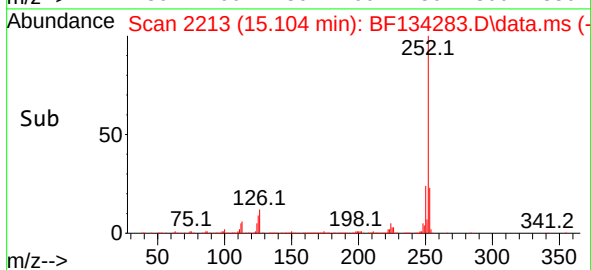
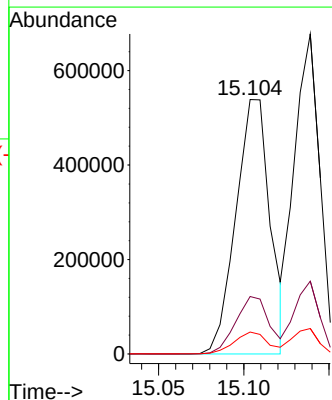
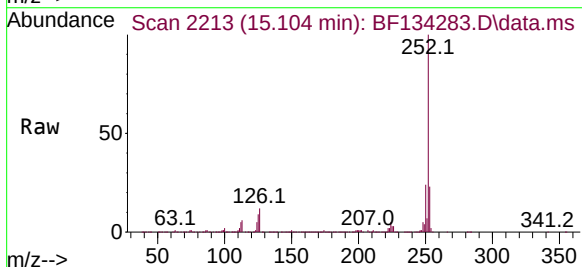
Instrument :
 BNA_F
 ClientSampleId :
 PB154160BS

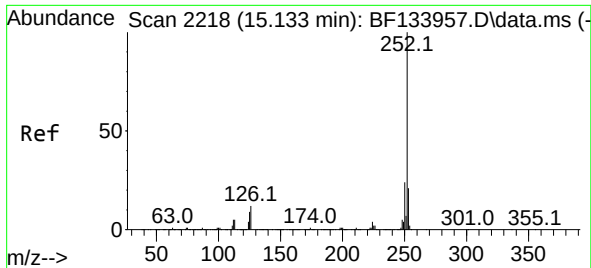
Tgt Ion:276 Resp: 718914
 Ion Ratio Lower Upper
 276 100
 138 19.8 18.7 28.1
 277 25.3 19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 50.568 ng
 RT: 15.104 min Scan# 2213
 Delta R.T. 0.000 min
 Lab File: BF134283.D
 Acq: 14 Jul 2023 10:49

Tgt Ion:252 Resp: 755479
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.4 26.0
 125 8.6 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 46.928 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB154160BS

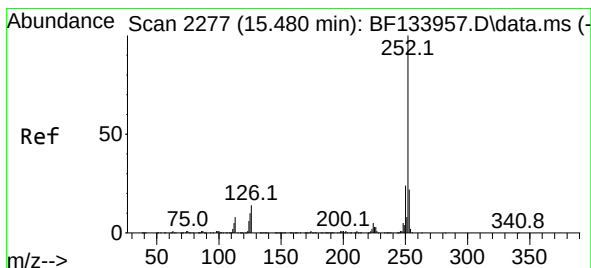
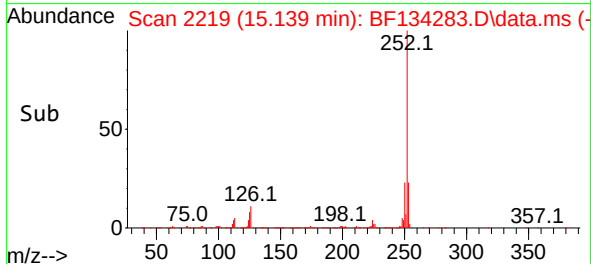
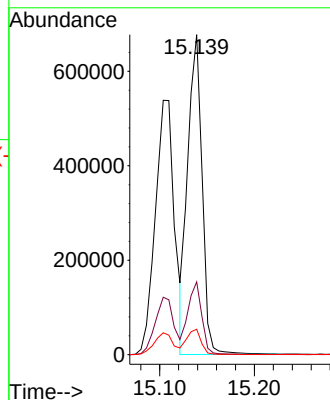
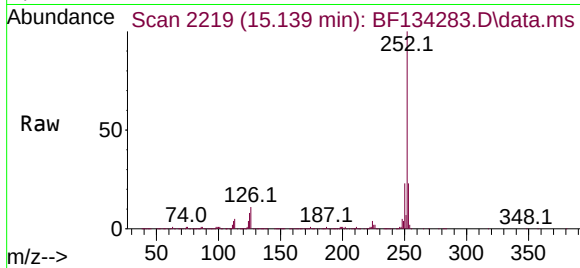
Tgt Ion:252 Resp: 713826

Ion Ratio Lower Upper

252 100

253 22.8 16.9 25.3

125 7.9 7.4 11.2



#90

Benzo(a)pyrene

Concen: 44.142 ng

RT: 15.486 min Scan# 2278

Delta R.T. 0.006 min

Lab File: BF134283.D

Acq: 14 Jul 2023 10:49

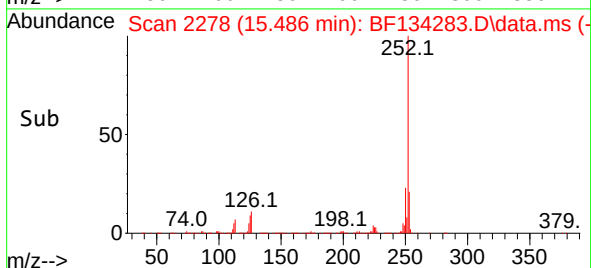
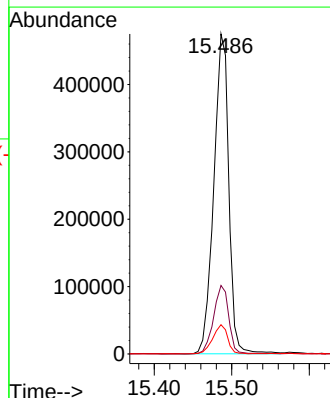
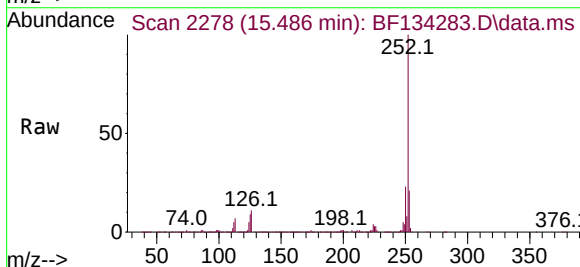
Tgt Ion:252 Resp: 637715

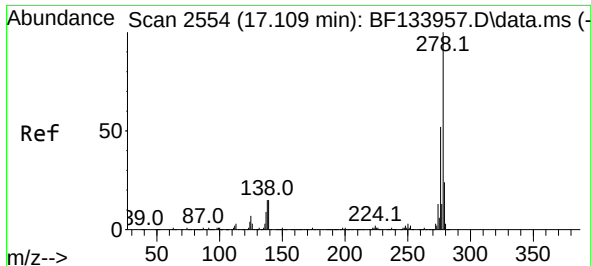
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 9.2 8.4 12.6

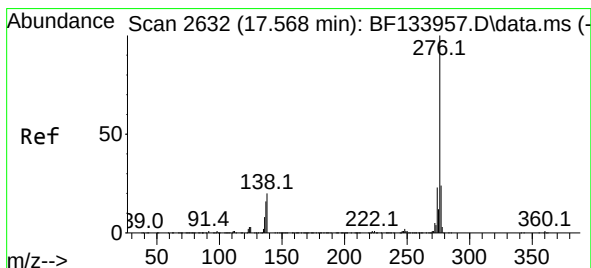
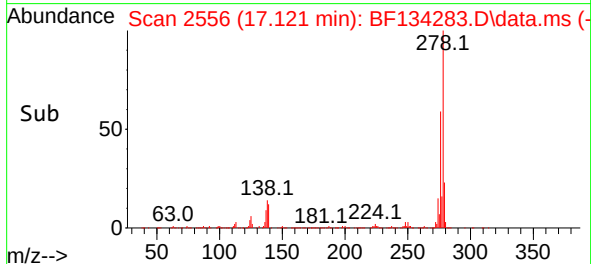
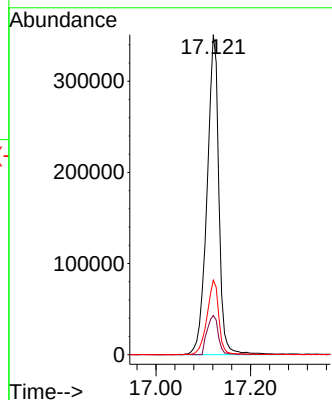
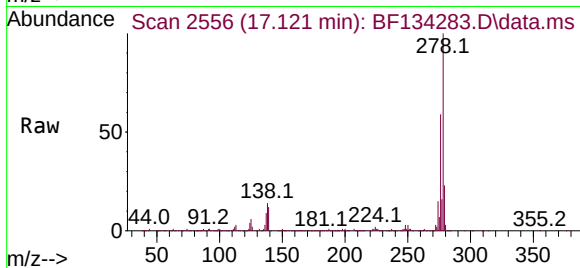




#91
Dibenzo(a,h)anthracene
Concen: 42.183 ng
RT: 17.121 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Instrument :
BNA_F
ClientSampleId :
PB154160BS

Tgt Ion:278 Resp: 607447
Ion Ratio Lower Upper
278 100
139 12.3 12.2 18.4
279 23.3 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 39.057 ng
RT: 17.580 min Scan# 2634
Delta R.T. 0.012 min
Lab File: BF134283.D
Acq: 14 Jul 2023 10:49

Tgt Ion:276 Resp: 579999
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 16.0 16.2 24.2#

