

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071023\
 Data File : BF134183.D
 Acq On : 10 Jul 2023 13:21
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 10 15:54:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	111355	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	423414	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	221208	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	488806	20.000	ng	0.00
76) Chrysene-d12	14.039	240	259163	20.000	ng	#-0.01
86) Perylene-d12	15.545	264	242287	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	527211	79.197	ng	-0.01
7) Phenol-d6	6.481	99	650485	79.456	ng	-0.01
23) Nitrobenzene-d5	7.410	82	626348	79.741	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	231400	83.432	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1191657	78.322	ng	0.00
79) Terphenyl-d14	12.975	244	1411030	87.626	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	107795	39.272	ng	99
3) Pyridine	3.399	79	277810	38.857	ng	97
4) n-Nitrosodimethylamine	3.363	42	155472	38.074	ng	98
6) Aniline	6.516	93	397797	39.931	ng	98
8) 2-Chlorophenol	6.634	128	272172	40.276	ng	96
9) Benzaldehyde	6.404	77	176117	38.855	ng	99
10) Phenol	6.498	94	342231	39.759	ng	98
11) bis(2-Chloroethyl)ether	6.587	93	251982	39.762	ng	98
12) 1,3-Dichlorobenzene	6.787	146	290795	40.364	ng	99
13) 1,4-Dichlorobenzene	6.863	146	293715	40.363	ng	100
14) 1,2-Dichlorobenzene	7.016	146	275824	40.473	ng	98
15) Benzyl Alcohol	6.987	79	253376	40.147	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	426235	38.018	ng	98
17) 2-Methylphenol	7.098	107	245574	40.582	ng	98
18) Hexachloroethane	7.351	117	111516	41.331	ng	95
19) n-Nitroso-di-n-propyla...	7.263	70	205415	39.566	ng	97
20) 3+4-Methylphenols	7.251	107	298373	40.644	ng	# 81
22) Acetophenone	7.257	105	380802	39.545	ng	98
24) Nitrobenzene	7.434	77	315682	39.771	ng	99
25) Isophorone	7.669	82	561574	39.338	ng	99
26) 2-Nitrophenol	7.745	139	156106	40.997	ng	99
27) 2,4-Dimethylphenol	7.781	122	234657	38.932	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	325977	39.436	ng	99
29) 2,4-Dichlorophenol	7.987	162	236816	39.623	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	248925	40.363	ng	97
31) Naphthalene	8.151	128	803114	39.268	ng	100
32) Benzoic acid	7.898	122	116395	25.771	ng	98
33) 4-Chloroaniline	8.198	127	341836	39.073	ng	99
34) Hexachlorobutadiene	8.263	225	160773	41.327	ng	99
35) Caprolactam	8.581	113	76182	38.712	ng	95
36) 4-Chloro-3-methylphenol	8.681	107	269421	40.126	ng	99
37) 2-Methylnaphthalene	8.839	142	563448	38.958	ng	99
38) 1-Methylnaphthalene	8.939	142	528857	39.334	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	259484	39.594	ng	99
41) Hexachlorocyclopentadiene	8.987	237	126262	40.610	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	169506	37.994	ng	97

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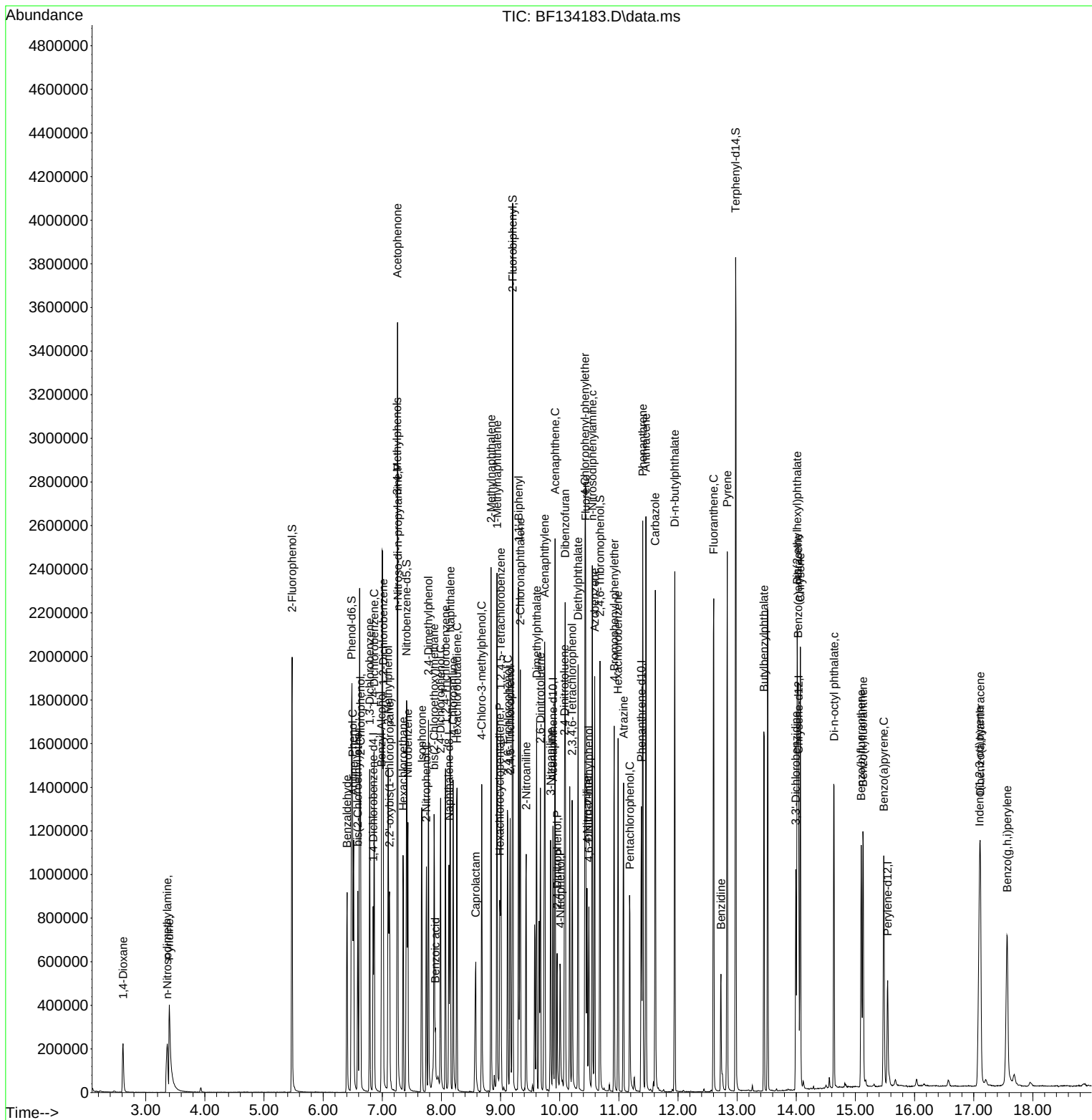
Instrument :
 BNA_F
 ClientSampleId :

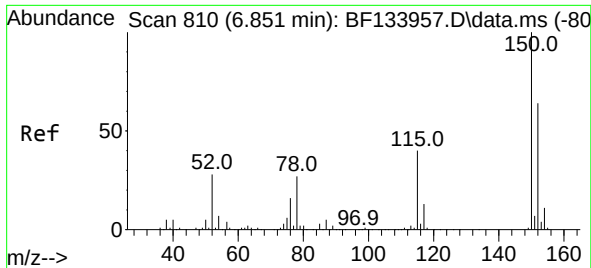
Quant Time: Jul 10 15:54:48 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	202413	38.571	ng	94
46) 1,1'-Biphenyl	9.304	154	690436	38.910	ng	99
47) 2-Chloronaphthalene	9.334	162	504111	38.828	ng	99
48) 2-Nitroaniline	9.434	65	183143	38.706	ng	90
49) Acenaphthylene	9.745	152	861263	38.834	ng	100
50) Dimethylphthalate	9.610	163	628251	39.125	ng	100
51) 2,6-Dinitrotoluene	9.675	165	137771	39.835	ng	94
52) Acenaphthene	9.922	154	503018	39.087	ng	99
53) 3-Nitroaniline	9.845	138	162378	39.136	ng	100
54) 2,4-Dinitrophenol	9.957	184	80989	42.454	ng	98
55) Dibenzofuran	10.092	168	789107	39.235	ng	100
56) 4-Nitrophenol	10.010	139	98451	33.922	ng	95
57) 2,4-Dinitrotoluene	10.081	165	183905	40.264	ng	94
58) Fluorene	10.439	166	617693	39.476	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	158902	38.387	ng	97
60) Diethylphthalate	10.310	149	659618	39.428	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	297557	39.461	ng	96
62) 4-Nitroaniline	10.463	138	160472	38.377	ng	99
63) Azobenzene	10.592	77	624640	39.472	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	98950	37.130	ng	89
66) n-Nitrosodiphenylamine	10.551	169	552566	35.381	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	193481	37.241	ng	99
68) Hexachlorobenzene	10.986	284	207461	37.609	ng	98
69) Atrazine	11.081	200	160221	37.089	ng	99
70) Pentachlorophenol	11.186	266	111909	33.929	ng	98
71) Phenanthrene	11.404	178	940128	38.205	ng	99
72) Anthracene	11.457	178	998928	39.029	ng	100
73) Carbazole	11.616	167	922218	39.366	ng	99
74) Di-n-butylphthalate	11.945	149	1113035	39.953	ng	99
75) Fluoranthene	12.604	202	1006979	37.852	ng	98
77) Benzidine	12.727	184	248778	40.343	ng	99
78) Pyrene	12.833	202	1011247	41.928	ng	100
80) Butylbenzylphthalate	13.457	149	400267	44.250	ng	93
81) Benzo(a)anthracene	14.033	228	701860	39.050	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	219260	38.505	ng	99
83) Chrysene	14.069	228	704746	40.483	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	490023	47.145	ng	99
85) Di-n-octyl phthalate	14.639	149	714437	46.779	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	740314	44.034	ng	99
88) Benzo(b)fluoranthene	15.098	252	565319	39.681	ng	99
89) Benzo(k)fluoranthene	15.127	252	551427	38.016	ng	98
90) Benzo(a)pyrene	15.480	252	544804	39.546	ng	99
91) Dibenzo(a,h)anthracene	17.110	278	611328	44.518	ng	99
92) Benzo(g,h,i)perylene	17.568	276	630021	44.490	ng	99

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

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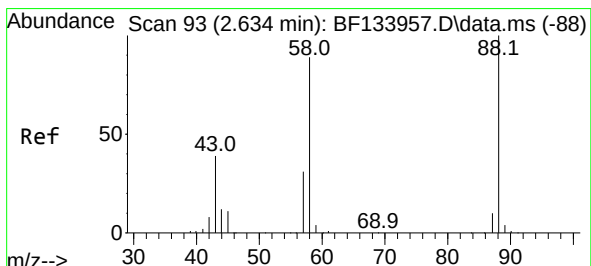
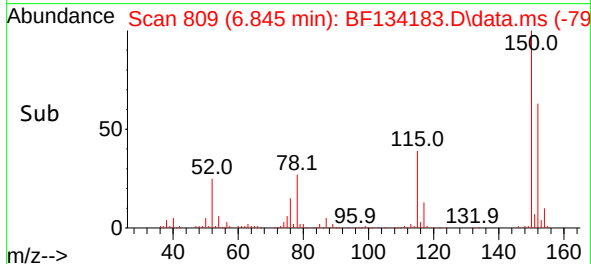
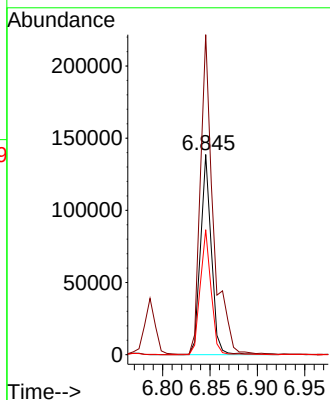
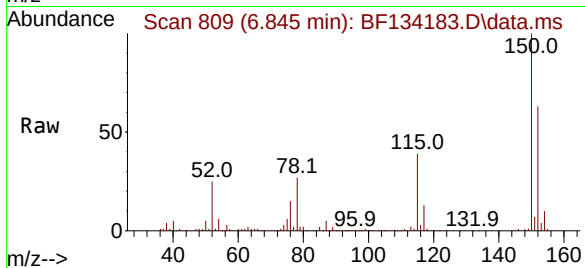




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF134183.D
 Acq: 10 Jul 2023 13:21

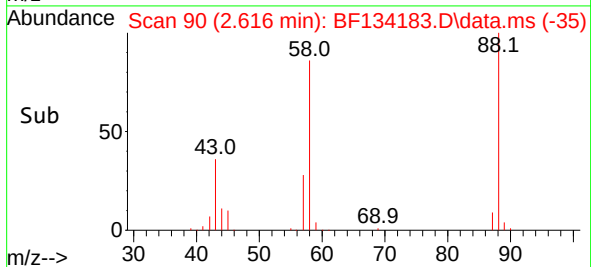
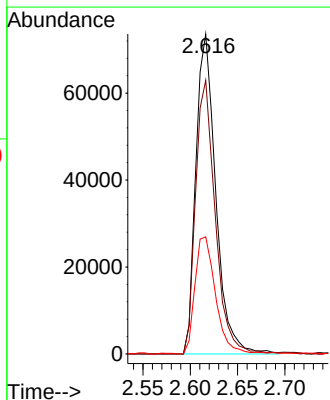
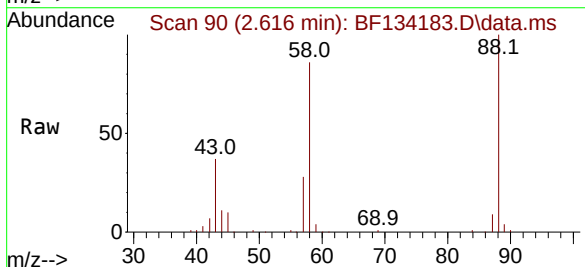
Instrument :
 BNA_F
 ClientSampleId :

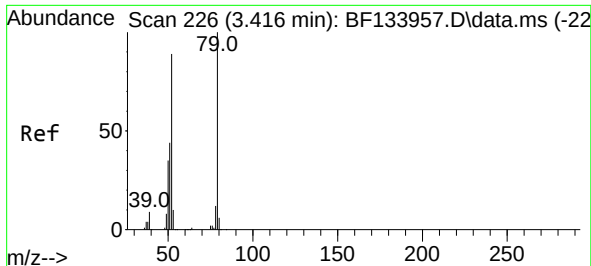
Tgt Ion:152 Resp: 111355
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.5 186.7
 115 62.4 50.2 75.2



#2
 1,4-Dioxane
 Concen: 39.272 ng
 RT: 2.616 min Scan# 90
 Delta R.T. -0.029 min
 Lab File: BF134183.D
 Acq: 10 Jul 2023 13:21

Tgt Ion: 88 Resp: 107795
 Ion Ratio Lower Upper
 88 100
 58 84.8 68.8 103.2
 43 38.3 30.7 46.1





#3

Pyridine

Concen: 38.857 ng

RT: 3.399 min Scan# 217

Delta R.T. -0.035 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

Instrument :

BNA_F

ClientSampleId :

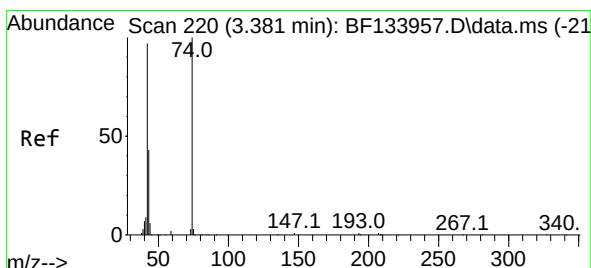
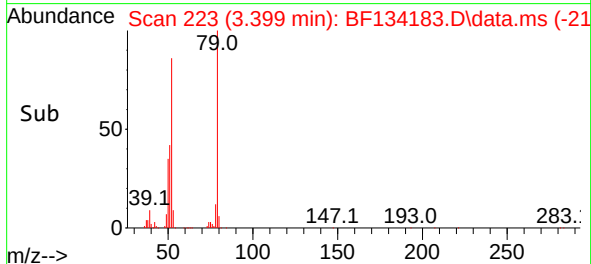
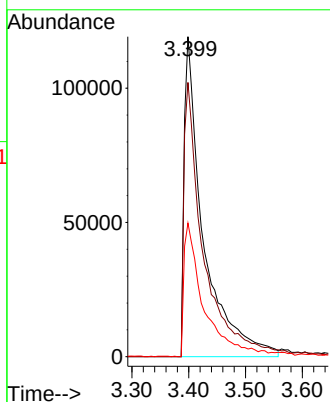
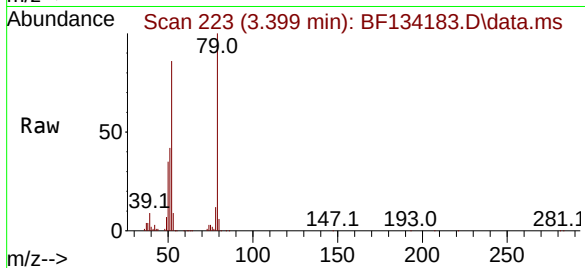
Tgt Ion: 79 Resp: 277810

Ion Ratio Lower Upper

79 100

52 85.7 71.1 106.7

51 41.7 35.2 52.8



#4

n-Nitrosodimethylamine

Concen: 38.074 ng

RT: 3.363 min Scan# 217

Delta R.T. -0.041 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

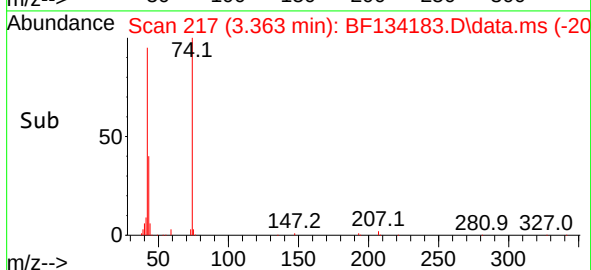
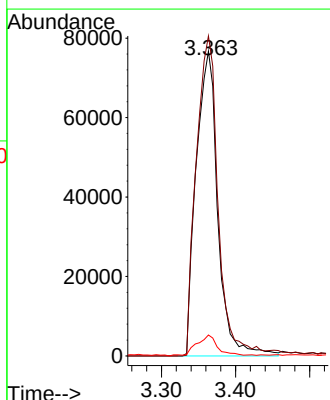
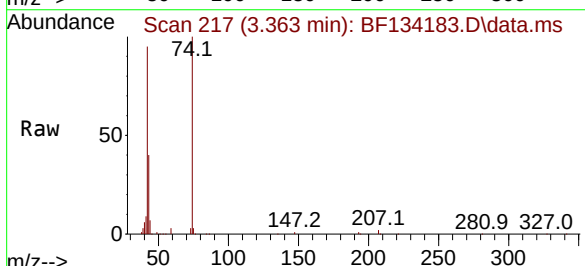
Tgt Ion: 42 Resp: 155472

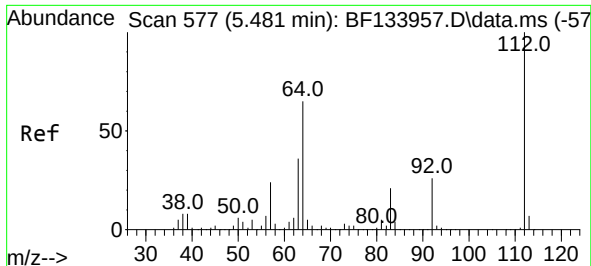
Ion Ratio Lower Upper

42 100

74 105.0 82.4 123.6

44 6.9 4.9 7.3

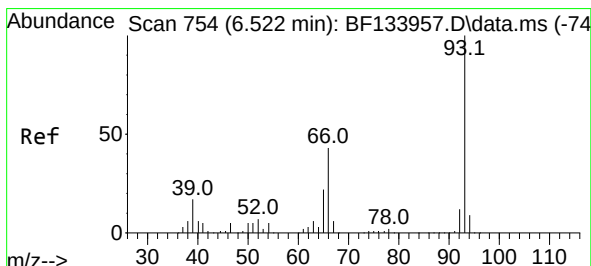
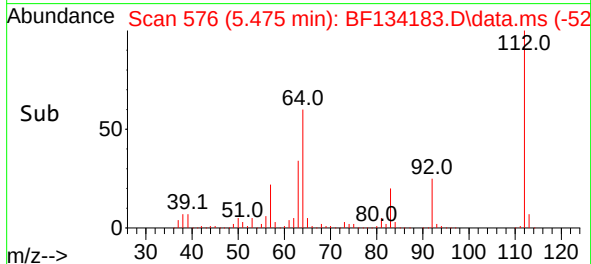
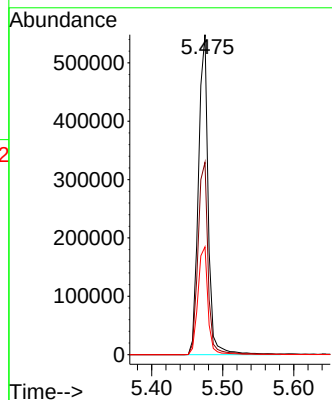
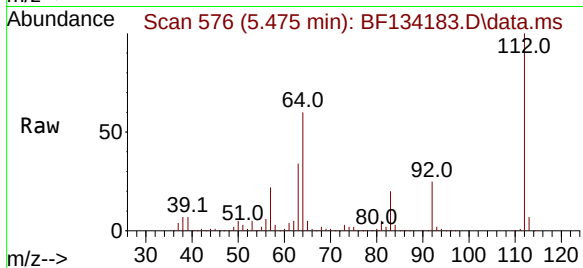




#5
2-Fluorophenol
Concen: 79.197 ng
RT: 5.475 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

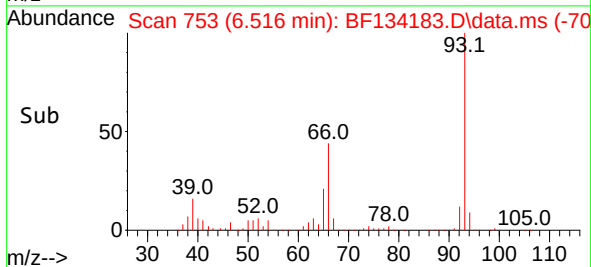
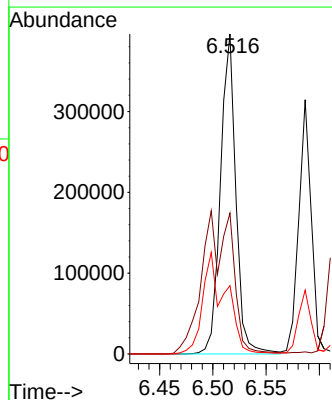
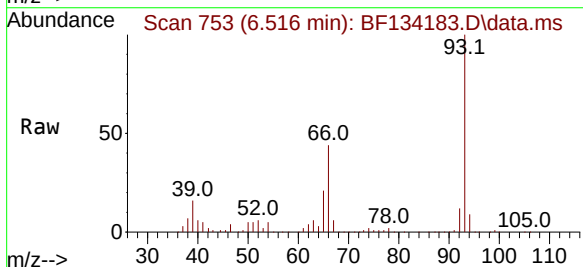
Instrument :
BNA_F
ClientSampleId :

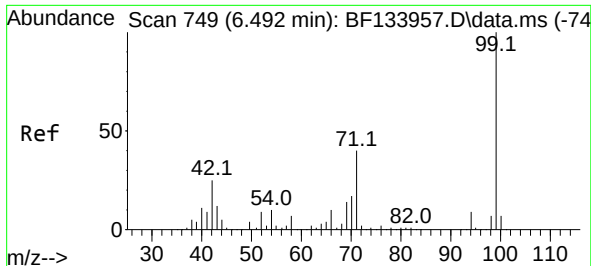
Tgt Ion:112 Resp: 527211
Ion Ratio Lower Upper
112 100
64 60.1 52.1 78.1
63 33.7 28.6 42.8



#6
Aniline
Concen: 39.931 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

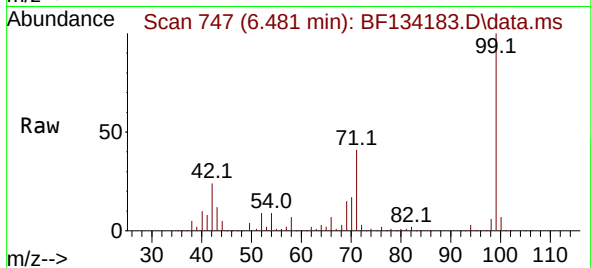
Tgt Ion: 93 Resp: 397797
Ion Ratio Lower Upper
93 100
66 44.0 34.5 51.7
65 21.4 17.8 26.6



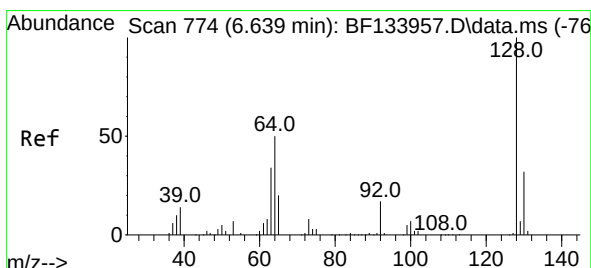
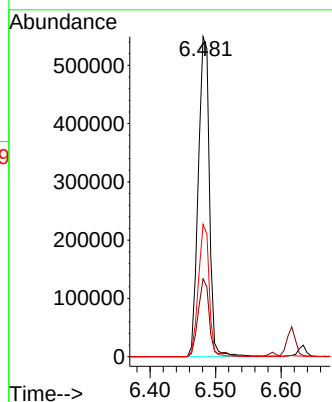
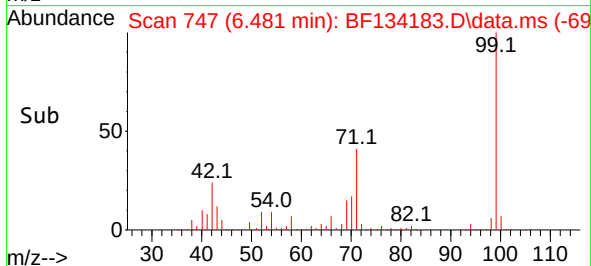


#7
Phenol-d6
Concen: 79.456 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

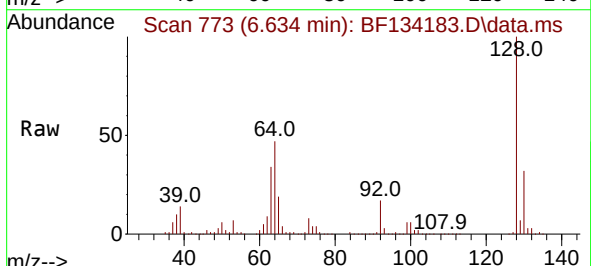
Instrument :
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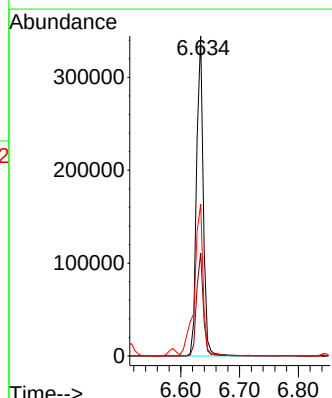
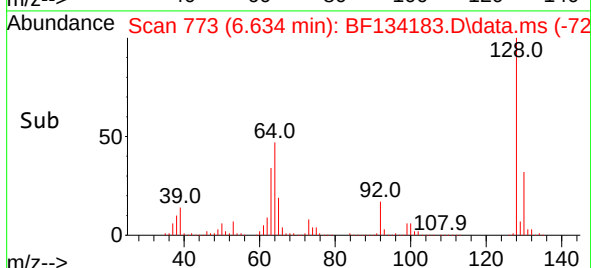
Tgt Ion: 99 Resp: 650485
Ion Ratio Lower Upper
99 100
42 24.4 19.8 29.6
71 41.3 31.9 47.9

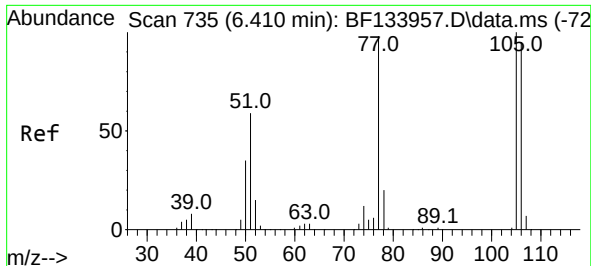


#8
2-Chlorophenol
Concen: 40.276 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21



Tgt Ion: 128 Resp: 272172
Ion Ratio Lower Upper
128 100
130 32.1 11.7 51.7
64 47.4 31.3 71.3





#9

Benzaldehyde

Concen: 38.855 ng

RT: 6.404 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

Instrument :

BNA_F

ClientSampleId :

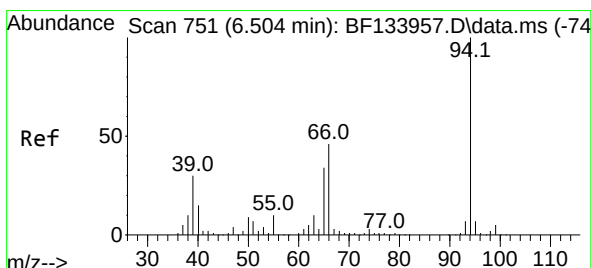
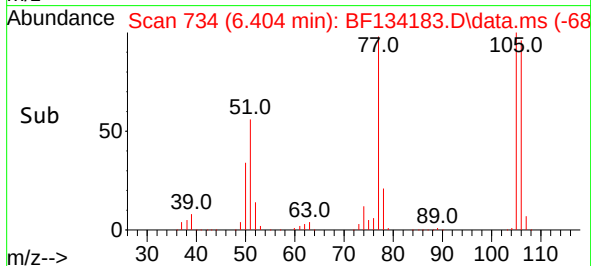
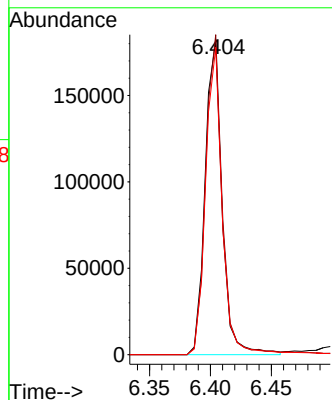
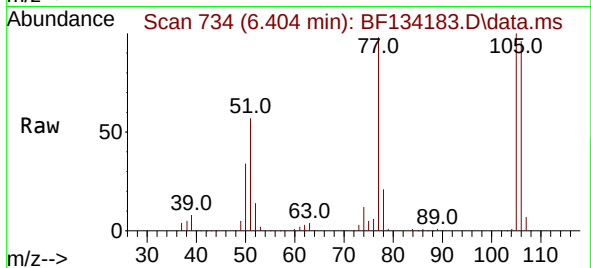
Tgt Ion: 77 Resp: 176117

Ion Ratio Lower Upper

77 100

105 102.0 82.0 122.0

106 97.9 76.9 116.9



#10

Phenol

Concen: 39.759 ng

RT: 6.498 min Scan# 750

Delta R.T. -0.012 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

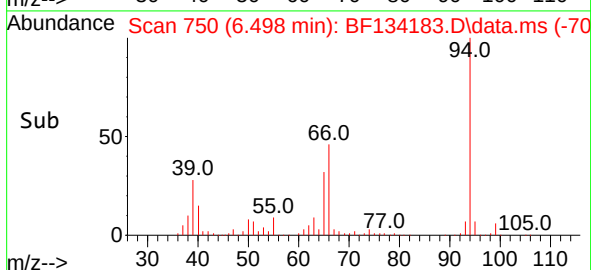
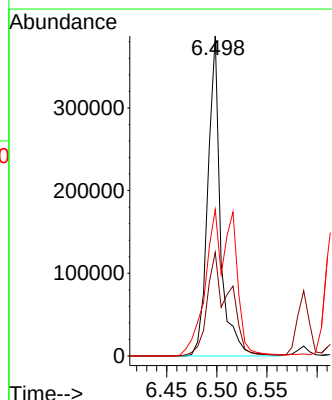
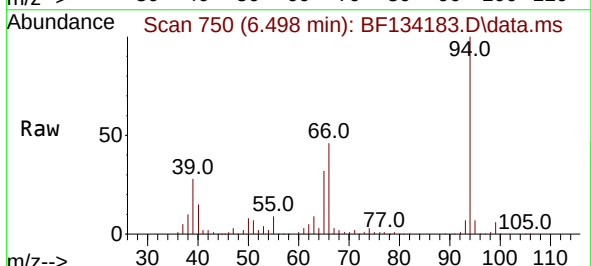
Tgt Ion: 94 Resp: 342231

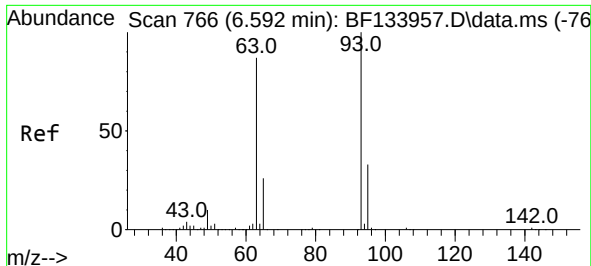
Ion Ratio Lower Upper

94 100

65 32.4 14.2 54.2

66 45.8 26.4 66.4

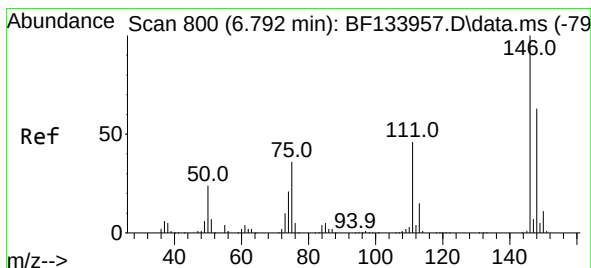
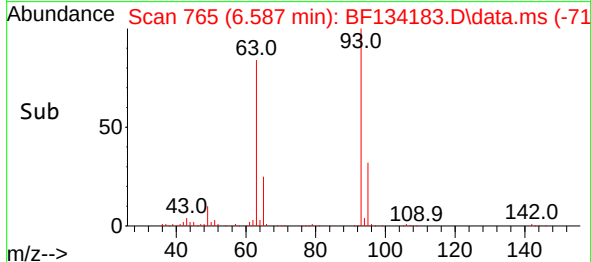
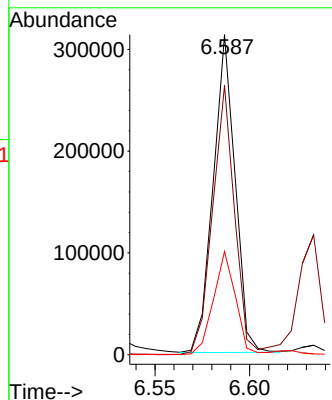
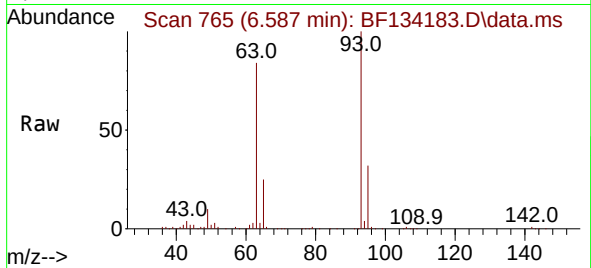




#11
bis(2-Chloroethyl)ether
Concen: 39.762 ng
RT: 6.587 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

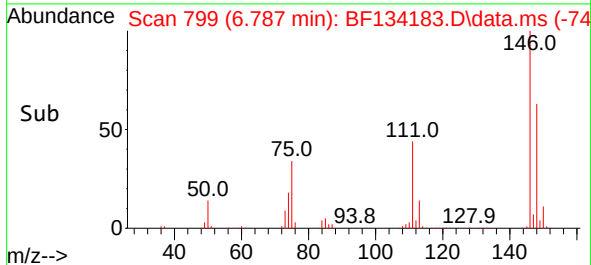
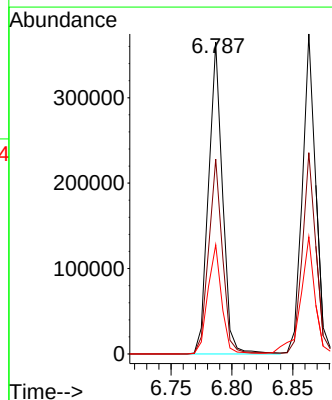
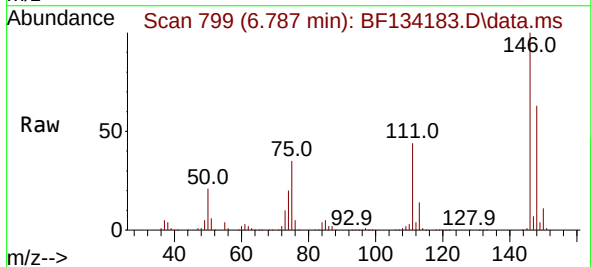
Instrument :
BNA_F
ClientSampleId :

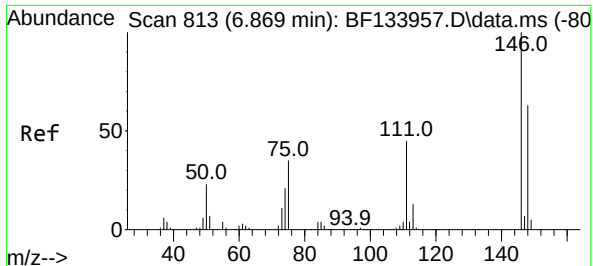
Tgt Ion: 93 Resp: 251982
Ion Ratio Lower Upper
93 100
63 84.2 66.5 106.5
95 32.2 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 40.364 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

Tgt Ion: 146 Resp: 290795
Ion Ratio Lower Upper
146 100
148 62.5 50.5 75.7
75 35.0 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 40.363 ng

RT: 6.863 min Scan# 813

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

Instrument :

BNA_F

ClientSampleId :

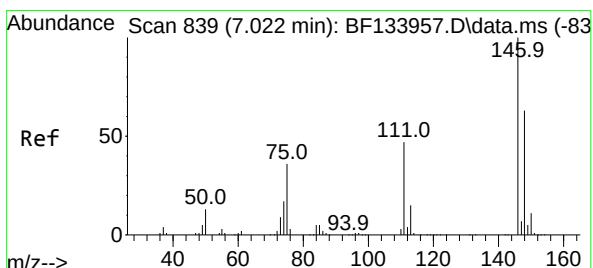
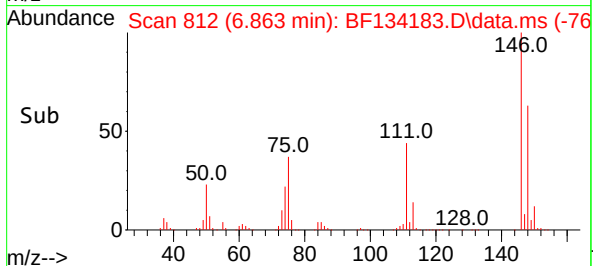
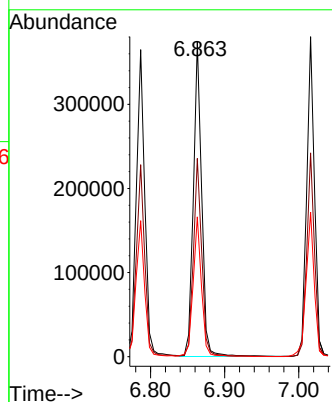
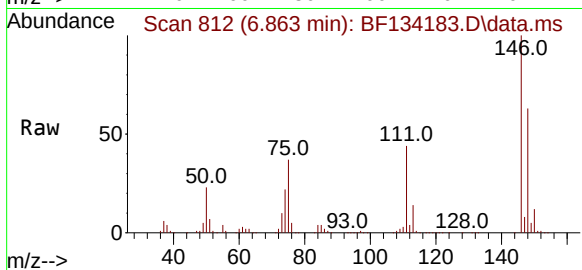
Tgt Ion:146 Resp: 293715

Ion Ratio Lower Upper

146 100

148 62.9 50.2 75.2

111 44.4 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 40.473 ng

RT: 7.016 min Scan# 838

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

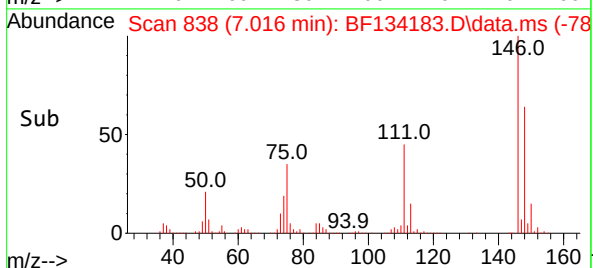
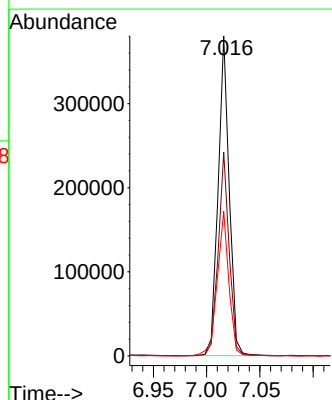
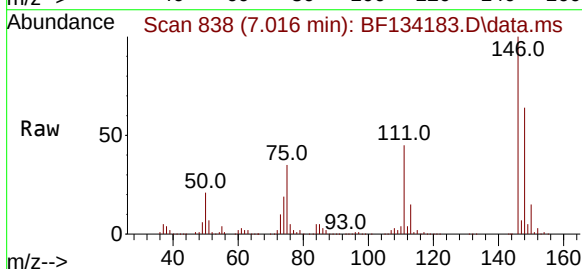
Tgt Ion:146 Resp: 275824

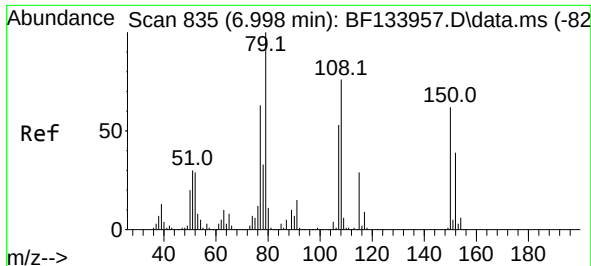
Ion Ratio Lower Upper

146 100

148 63.7 50.6 76.0

111 45.2 38.0 57.0

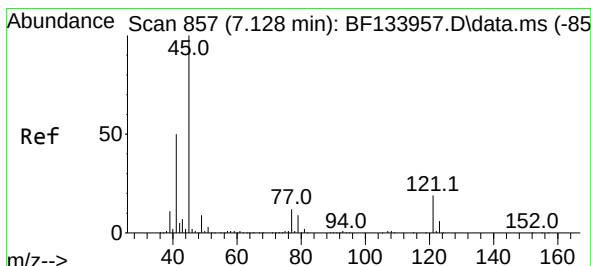
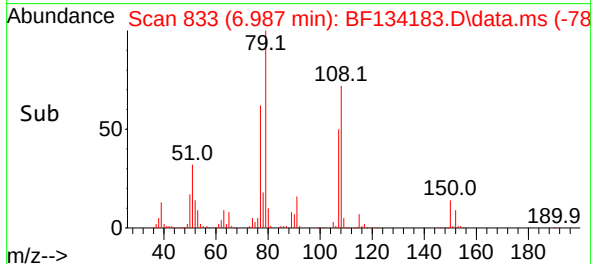
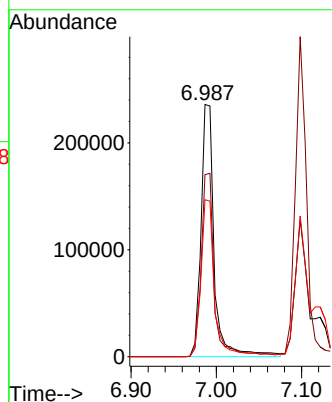
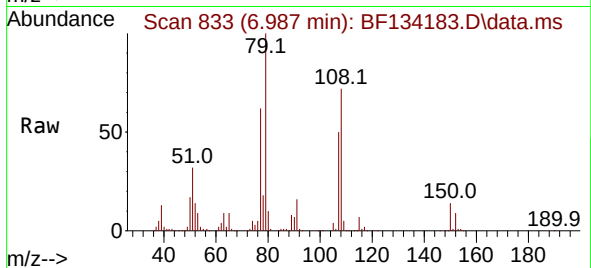




#15
Benzyl Alcohol
Concen: 40.147 ng
RT: 6.987 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

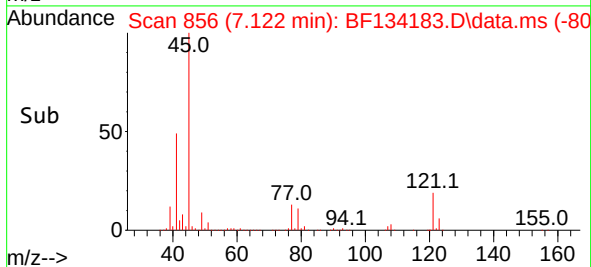
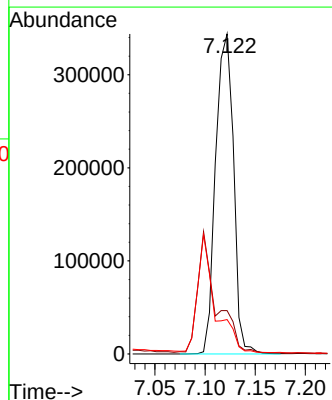
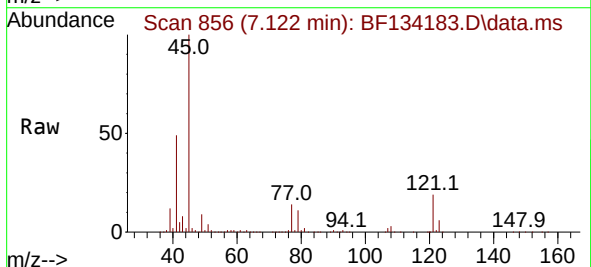
Instrument :
BNA_F
ClientSampleId :

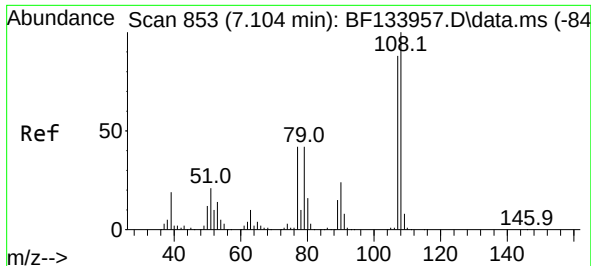
Tgt Ion: 79 Resp: 253376
Ion Ratio Lower Upper
79 100
108 72.2 60.7 91.1
77 62.3 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.018 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

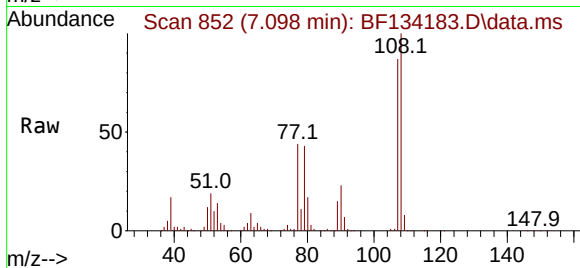
Tgt Ion: 45 Resp: 426235
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.9
79 10.7 0.0 29.5



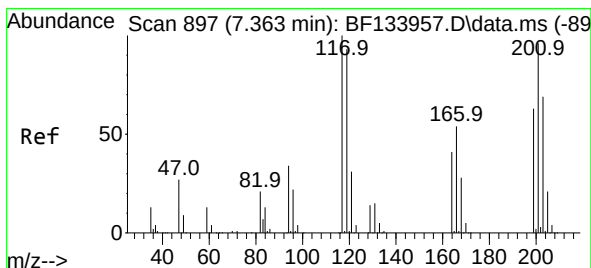
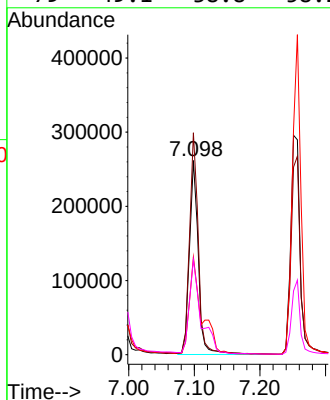
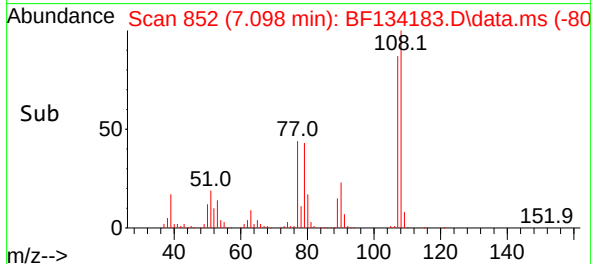


#17
2-Methylphenol
Concen: 40.582 ng
RT: 7.098 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

Instrument :
BNA_F
ClientSampleId :

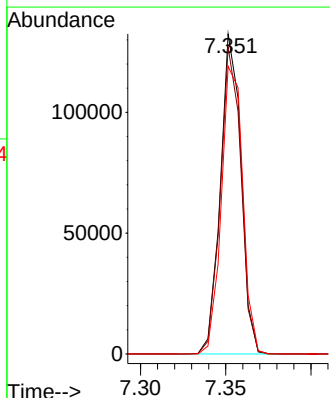
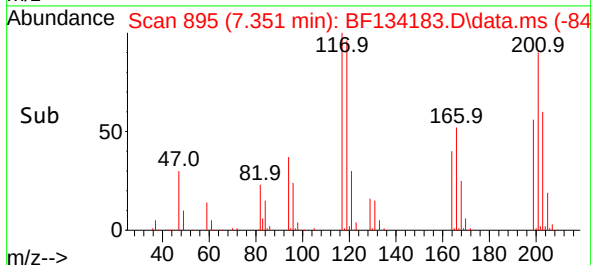
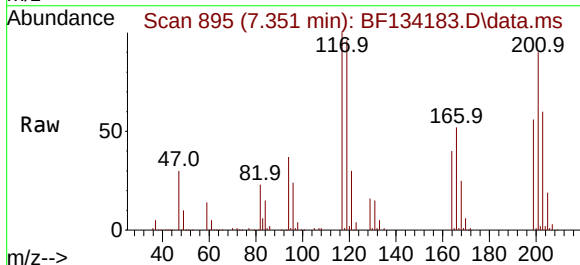


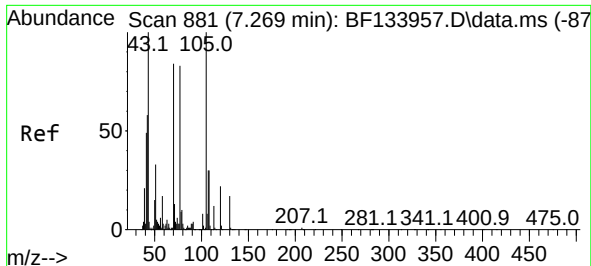
Tgt Ion:	107	Resp:	245574
Ion	Ratio	Lower	Upper
107	100		
108	114.4	90.6	136.0
77	50.2	38.3	57.5
79	49.1	38.8	58.2



#18
Hexachloroethane
Concen: 41.331 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

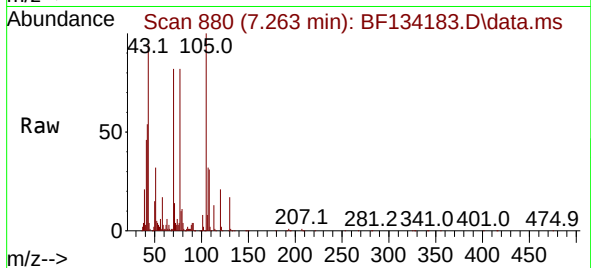
Tgt Ion:	117	Resp:	111516
Ion	Ratio	Lower	Upper
117	100		
119	95.9	74.2	111.4
201	89.9	77.2	115.8



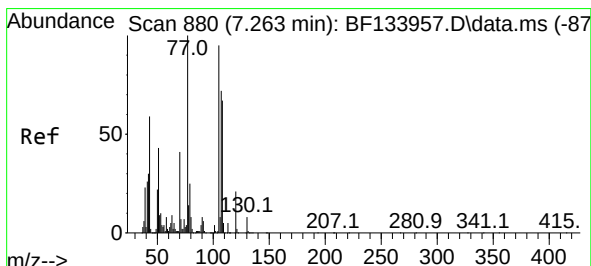
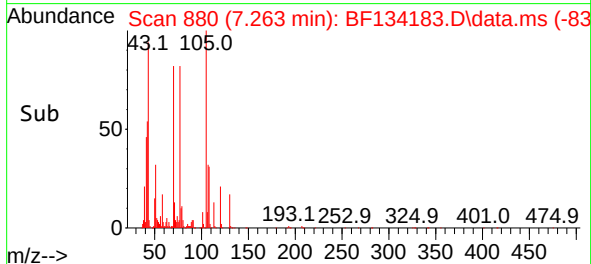
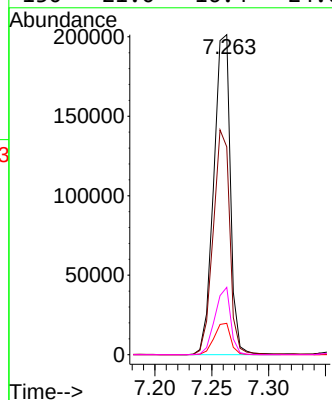


#19
n-Nitroso-di-n-propylamine
Concen: 39.566 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

Instrument :
BNA_F
ClientSampleId :

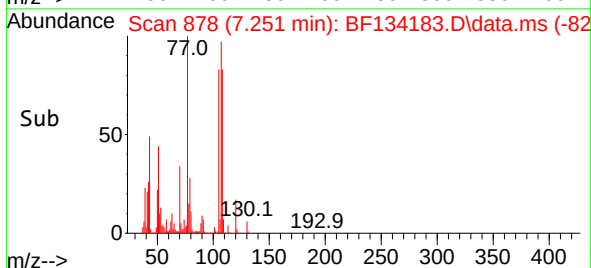
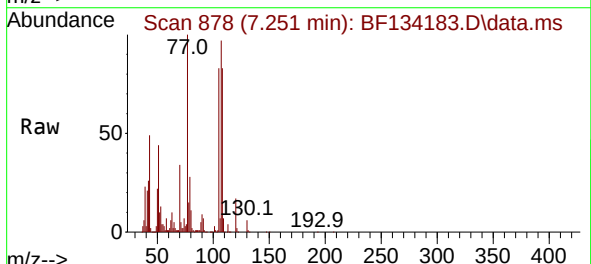
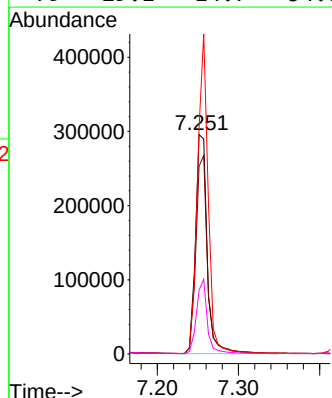


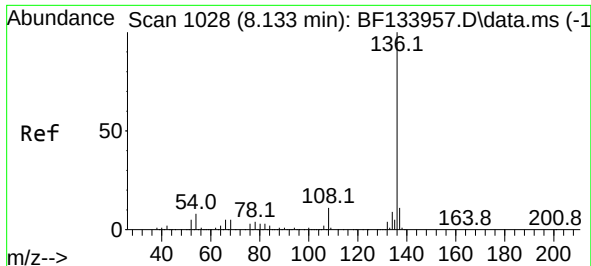
Tgt Ion: 70 Resp: 205415
Ion Ratio Lower Upper
70 100
42 65.0 54.7 82.1
101 9.8 7.7 11.5
130 21.0 16.4 24.6



#20
3+4-Methylphenols
Concen: 40.644 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

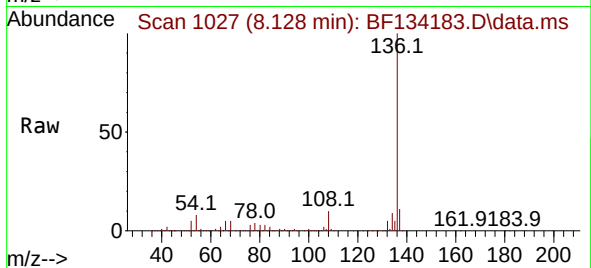
Tgt Ion: 107 Resp: 298373
Ion Ratio Lower Upper
107 100
108 85.6 73.2 113.2
77 103.1 118.3 158.3#
79 29.1 14.7 54.7



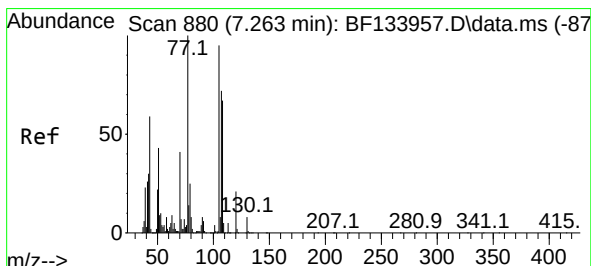
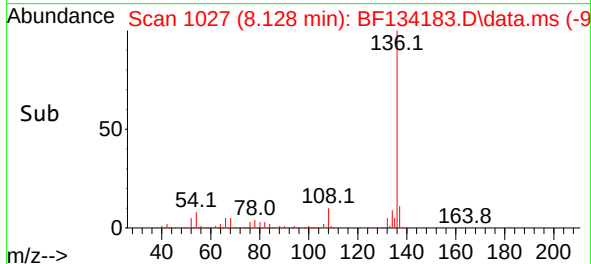
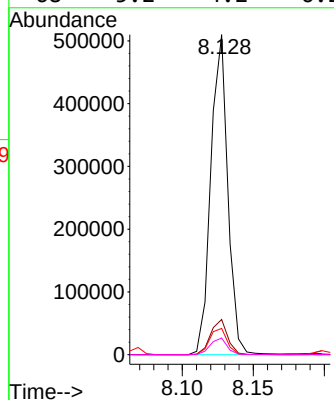


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

Instrument :
BNA_F
ClientSampleId :

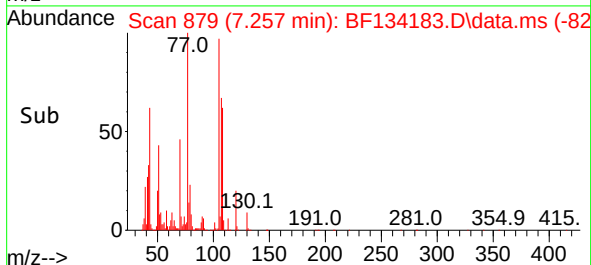
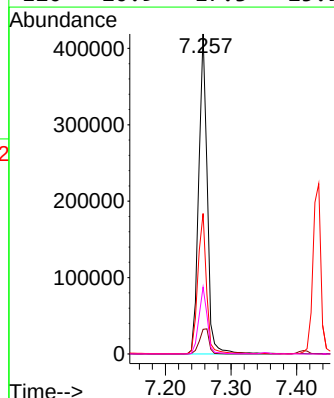
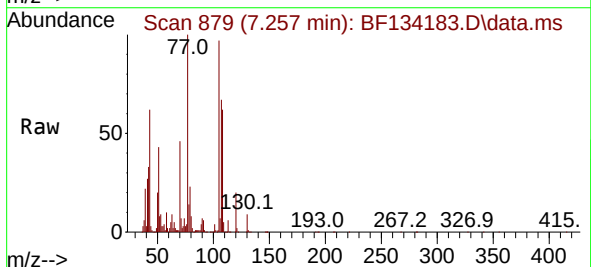


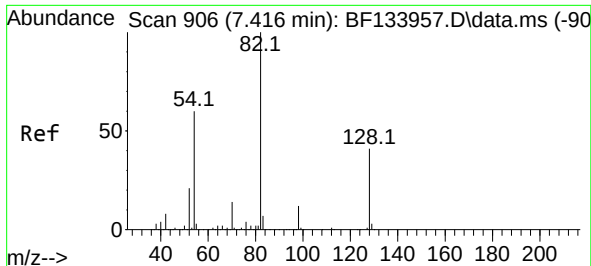
Tgt Ion	136	Resp:	423414
	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	8.2	6.5	9.7
68	5.2	4.2	6.2



#22
Acetophenone
Concen: 39.545 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

Tgt	Ion:105	Resp:	380802
Ion	Ratio	Lower	Upper
105	100		
71	7.7	5.5	8.3
51	43.9	36.5	54.7
120	20.9	17.3	25.9





#23

Nitrobenzene-d5

Concen: 79.741 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

Instrument :

BNA_F

ClientSampleId :

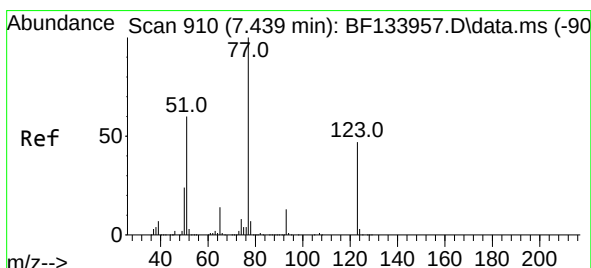
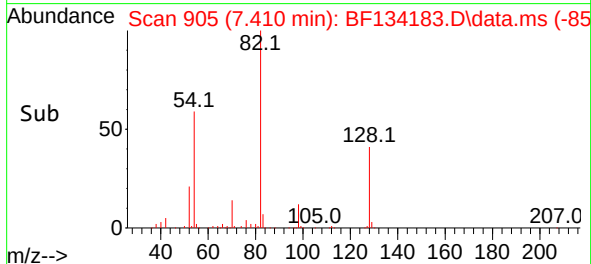
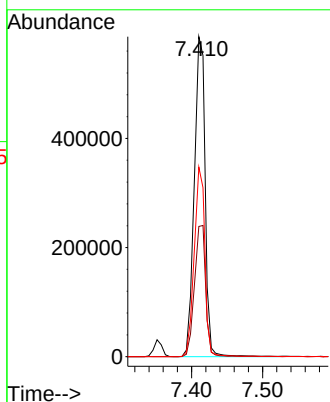
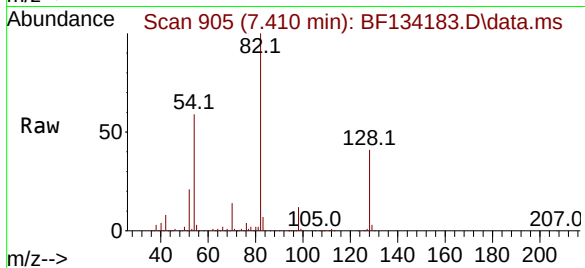
Tgt Ion: 82 Resp: 626348

Ion Ratio Lower Upper

82 100

128 40.7 32.5 48.7

54 59.3 48.2 72.2



#24

Nitrobenzene

Concen: 39.771 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

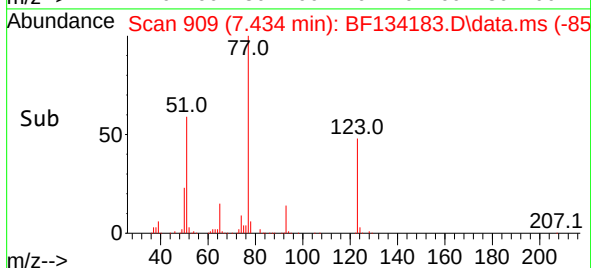
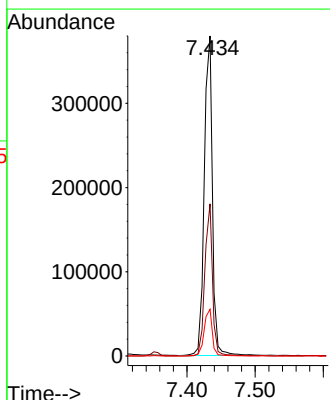
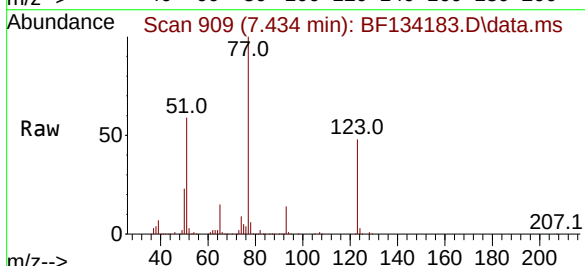
Tgt Ion: 77 Resp: 315682

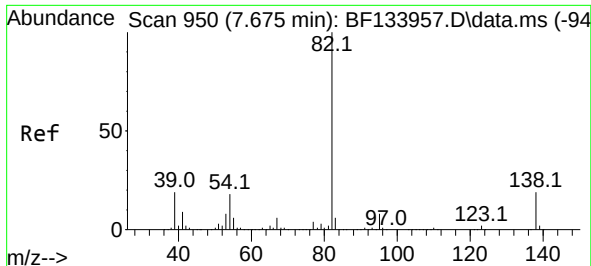
Ion Ratio Lower Upper

77 100

123 47.5 37.8 56.6

65 14.6 11.3 16.9

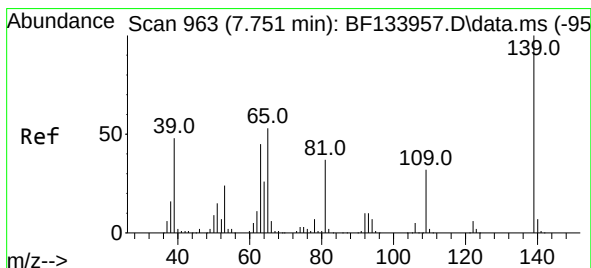
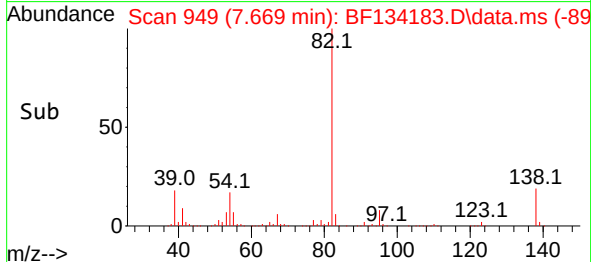
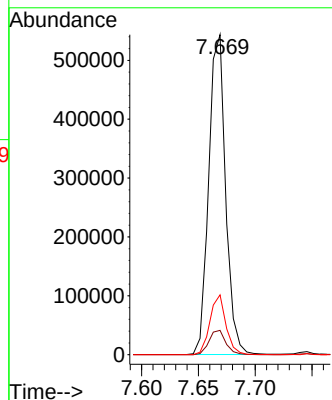
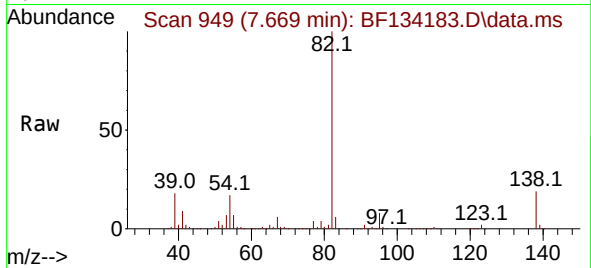




#25
Isophorone
Concen: 39.338 ng
RT: 7.669 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

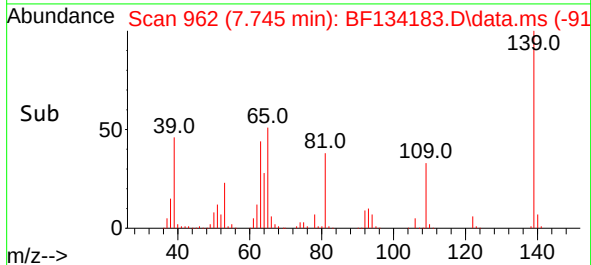
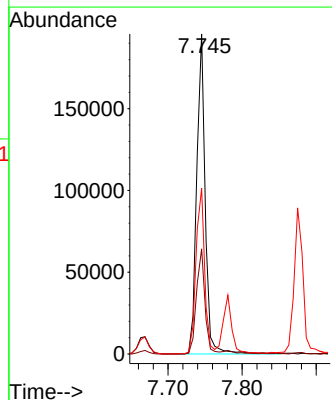
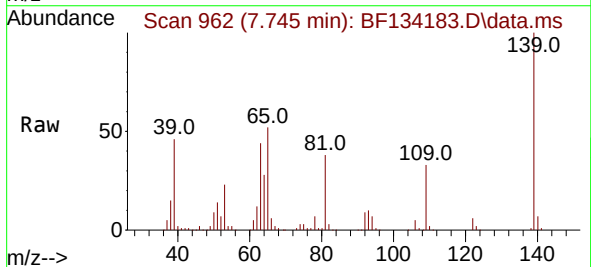
Instrument :
BNA_F
ClientSampleId :

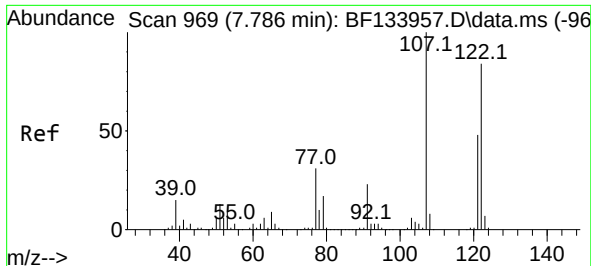
Tgt Ion: 82 Resp: 561574
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 18.7 15.2 22.8



#26
2-Nitrophenol
Concen: 40.997 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

Tgt Ion:139 Resp: 156106
Ion Ratio Lower Upper
139 100
109 32.9 25.8 38.8
65 51.8 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 38.932 ng

RT: 7.781 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

Instrument :

BNA_F

ClientSampleId :

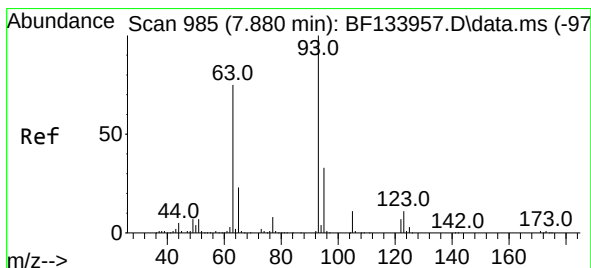
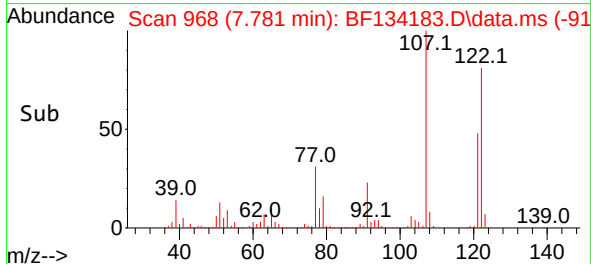
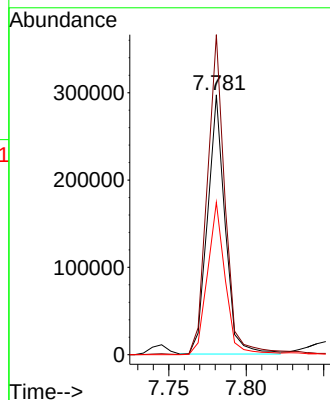
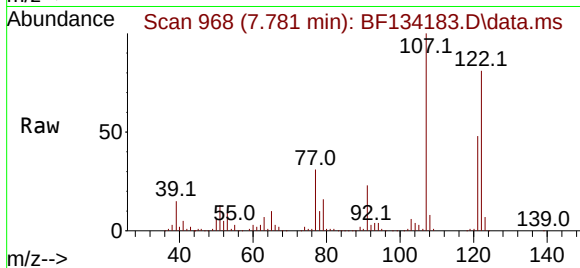
Tgt Ion:122 Resp: 234657

Ion Ratio Lower Upper

122 100

107 123.2 95.5 143.3

121 58.7 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.436 ng

RT: 7.875 min Scan# 984

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

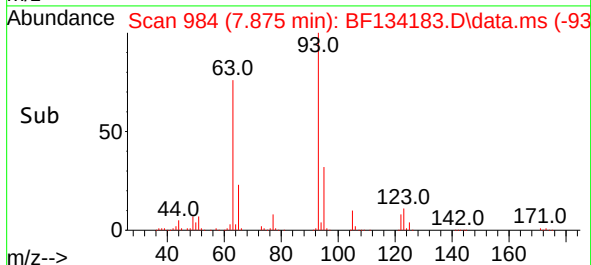
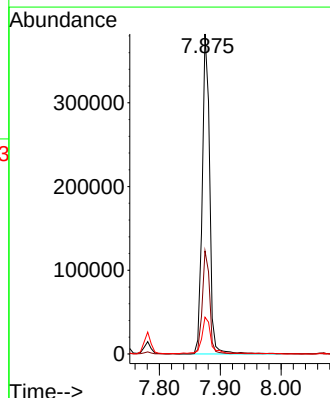
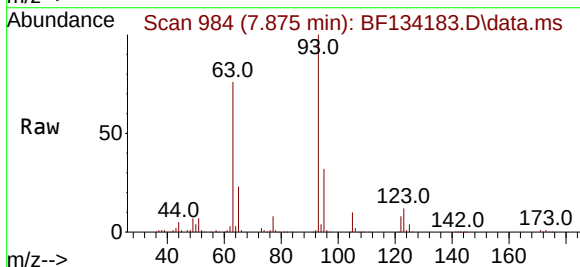
Tgt Ion: 93 Resp: 325977

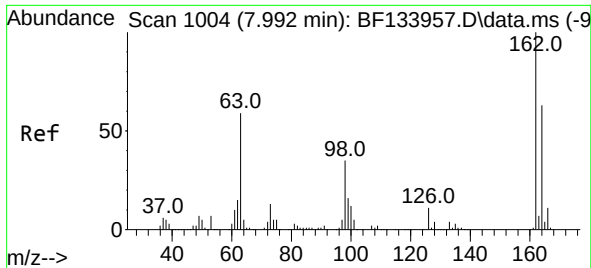
Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

123 11.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.623 ng

RT: 7.987 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

Instrument :

BNA_F

ClientSampleId :

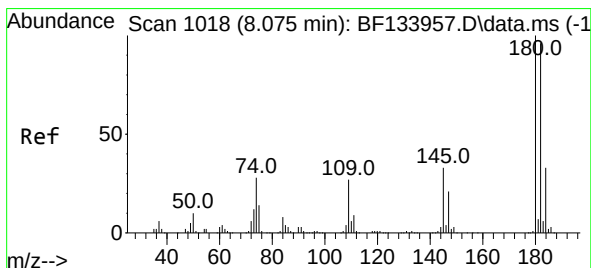
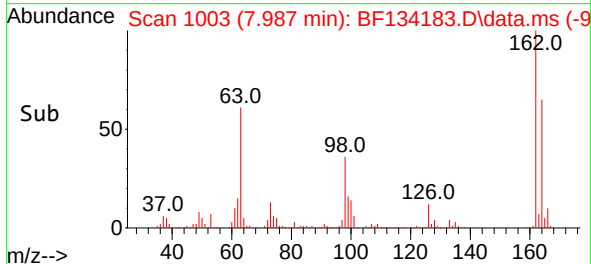
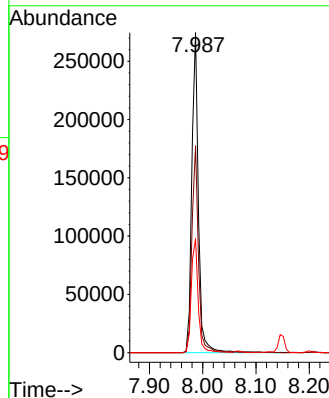
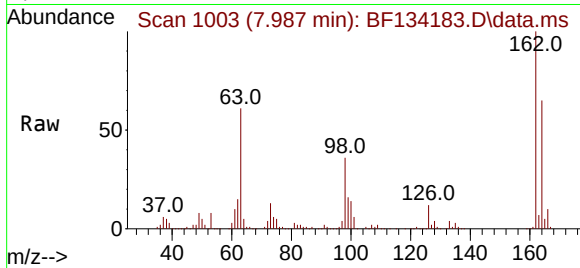
Tgt Ion:162 Resp: 236816

Ion Ratio Lower Upper

162 100

164 64.7 43.2 83.2

98 35.6 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 40.363 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

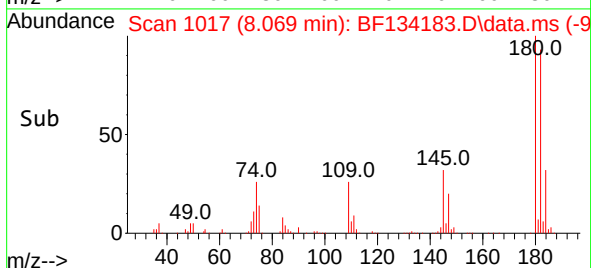
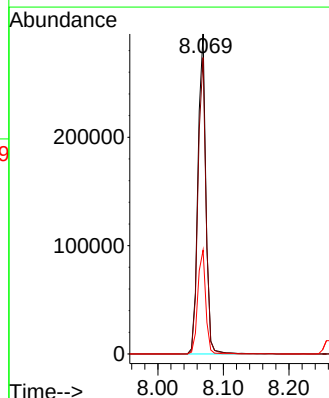
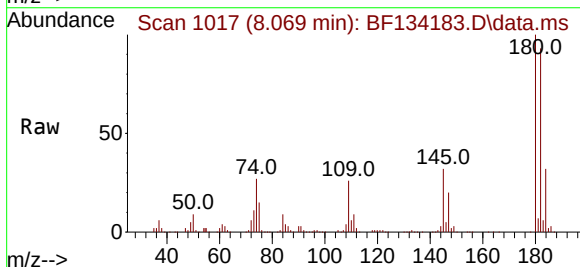
Tgt Ion:180 Resp: 248925

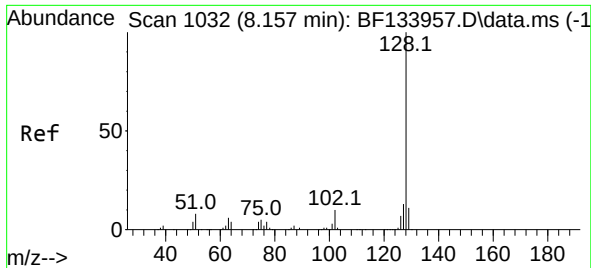
Ion Ratio Lower Upper

180 100

182 92.7 77.1 115.7

145 32.4 26.0 39.0

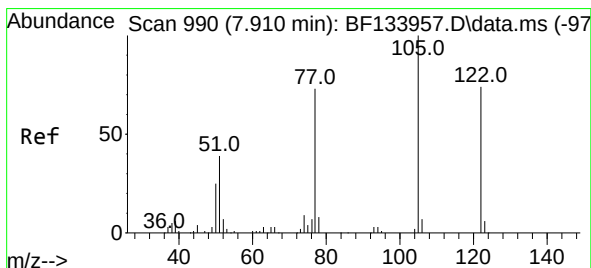
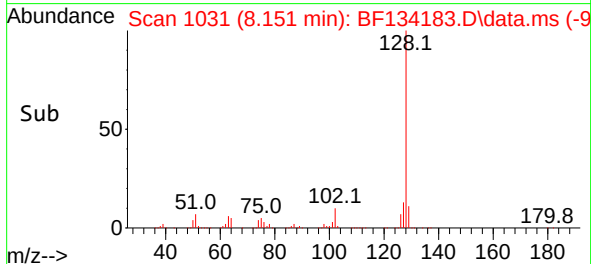
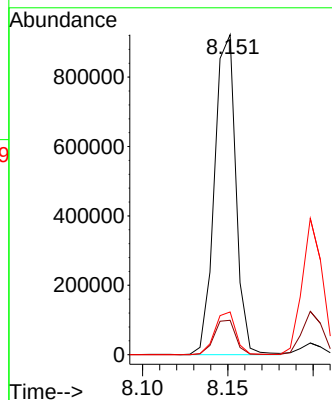
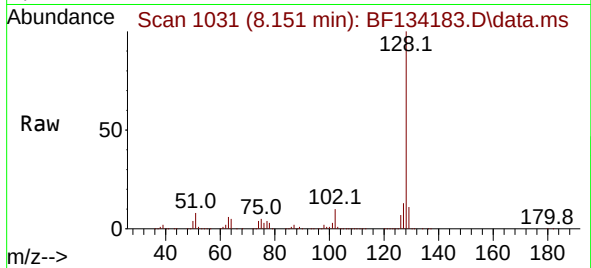




#31
Naphthalene
Concen: 39.268 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

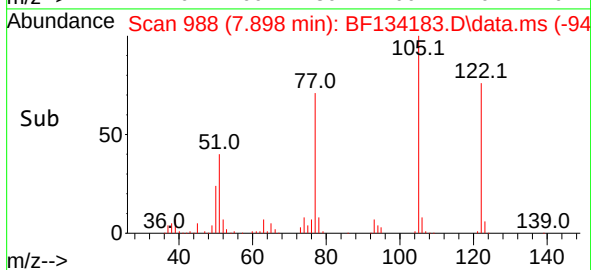
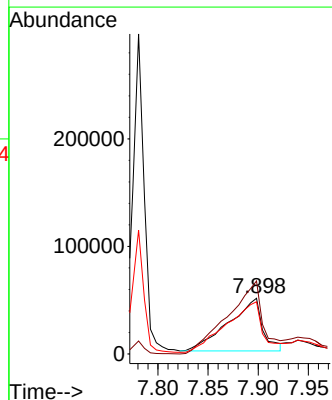
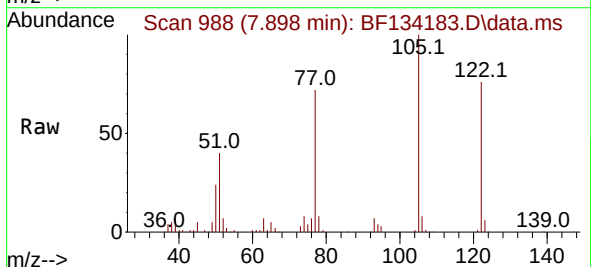
Instrument :
BNA_F
ClientSampleId :

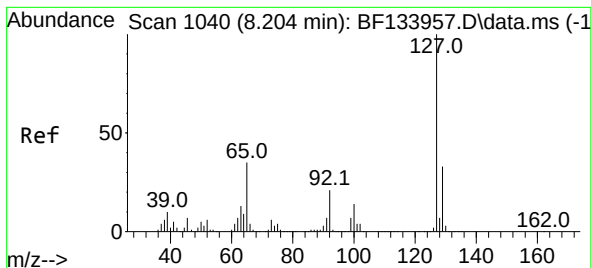
Tgt Ion:128 Resp: 803114
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 25.771 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.018 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

Tgt Ion:122 Resp: 116395
Ion Ratio Lower Upper
122 100
105 131.0 109.7 149.7
77 93.7 76.0 116.0





#33

4-Chloroaniline

Concen: 39.073 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 341836

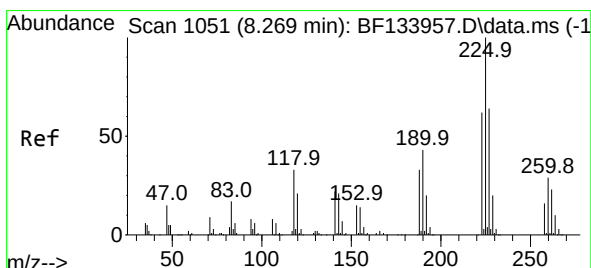
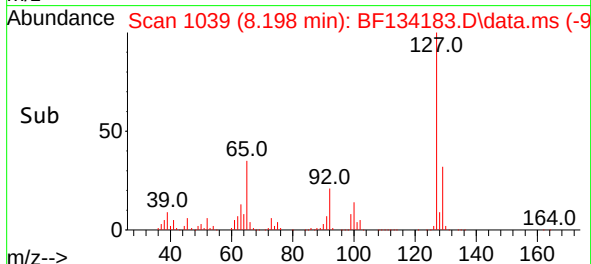
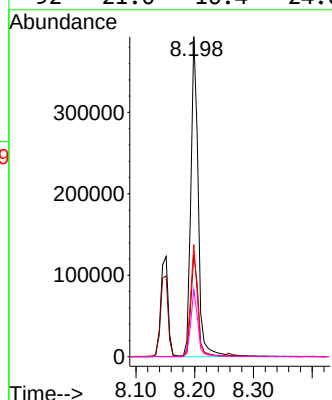
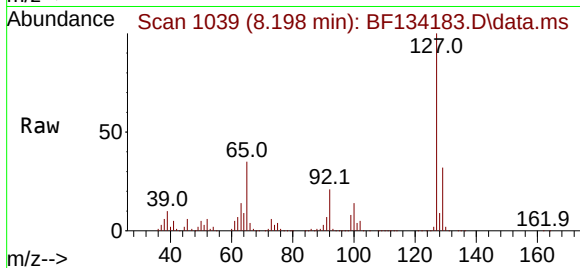
Ion Ratio Lower Upper

127 100

129 31.8 26.4 39.6

65 35.0 27.8 41.8

92 21.0 16.4 24.6



#34

Hexachlorobutadiene

Concen: 41.327 ng

RT: 8.263 min Scan# 1050

Delta R.T. 0.000 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

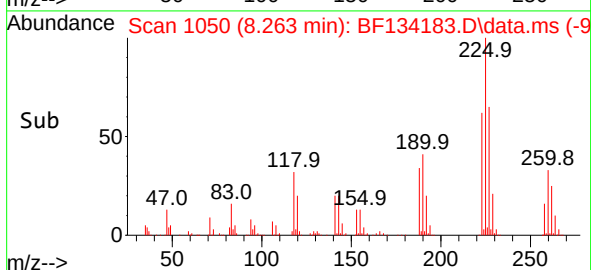
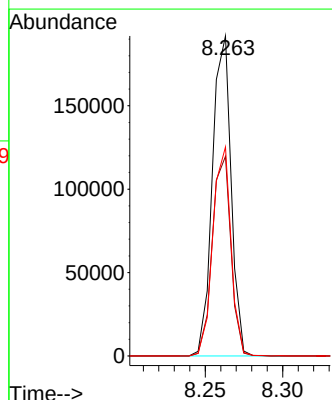
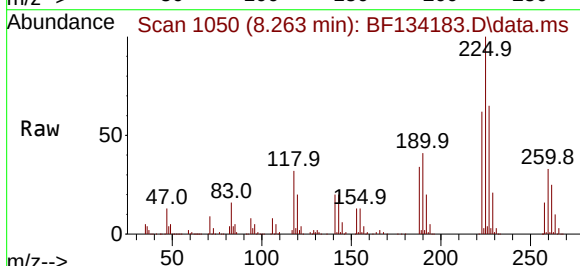
Tgt Ion:225 Resp: 160773

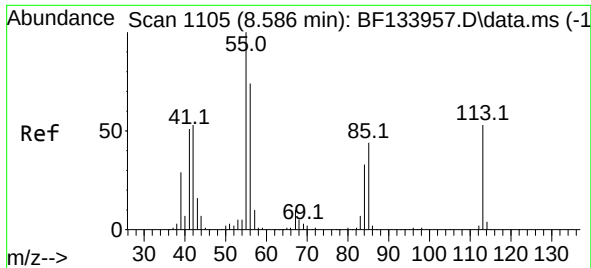
Ion Ratio Lower Upper

225 100

223 62.4 49.8 74.8

227 65.3 51.0 76.4

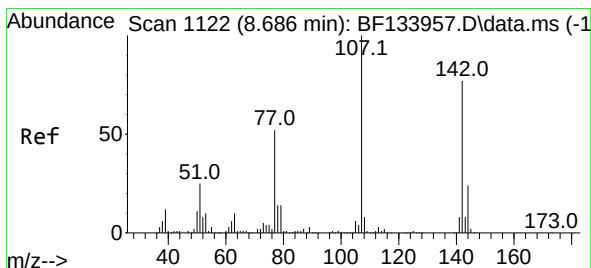
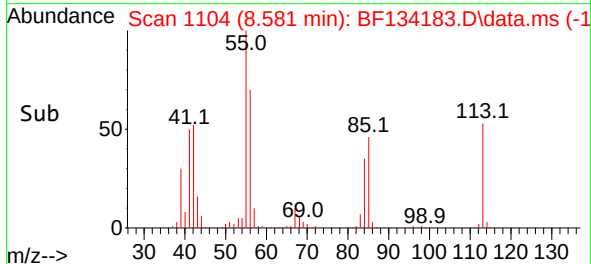
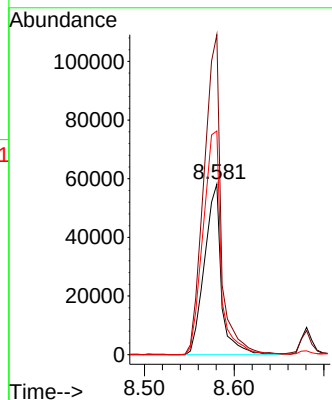
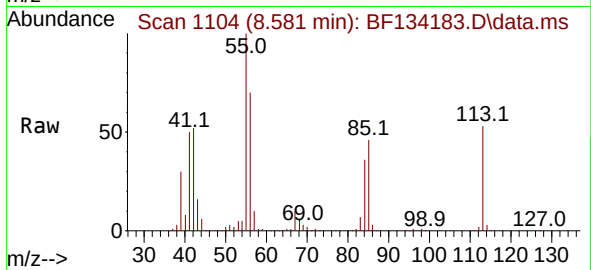




#35
 Caprolactam
 Concen: 38.712 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. -0.012 min
 Lab File: BF134183.D
 Acq: 10 Jul 2023 13:21

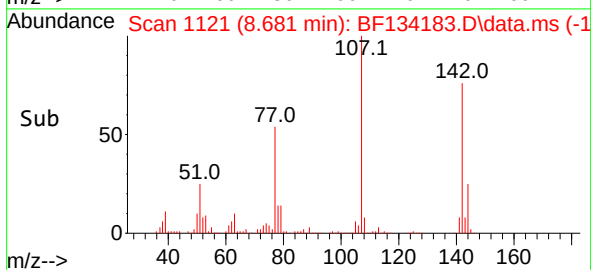
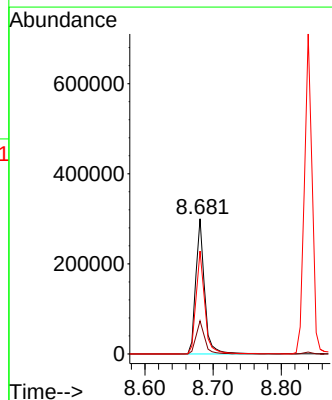
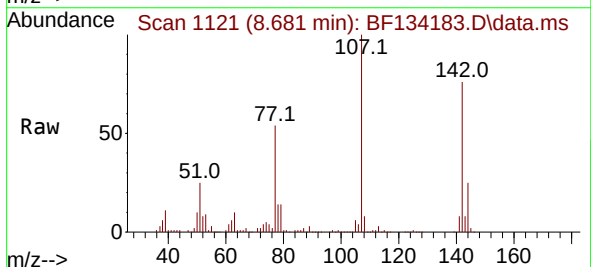
Instrument :
 BNA_F
 ClientSampleId :

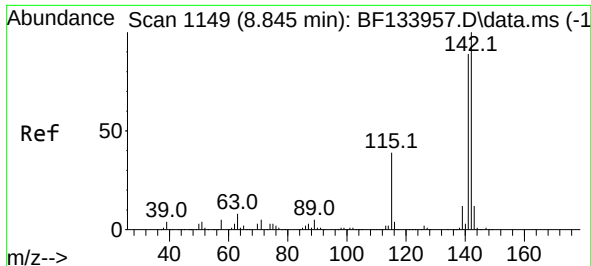
Tgt Ion:113 Resp: 76182
 Ion Ratio Lower Upper
 113 100
 55 187.6 170.2 210.2
 56 131.2 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 40.126 ng
 RT: 8.681 min Scan# 1121
 Delta R.T. -0.006 min
 Lab File: BF134183.D
 Acq: 10 Jul 2023 13:21

Tgt Ion:107 Resp: 269421
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.6 29.4
 142 76.1 61.4 92.2





#37

2-Methylnaphthalene

Concen: 38.958 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

Instrument :

BNA_F

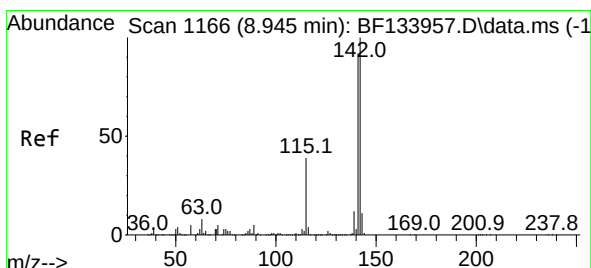
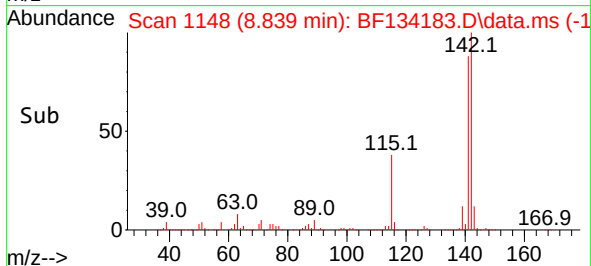
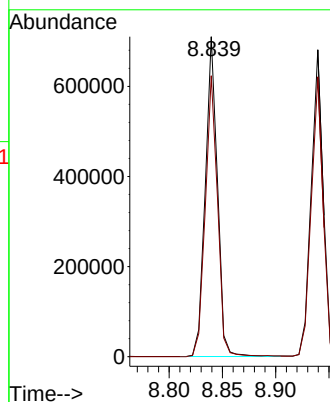
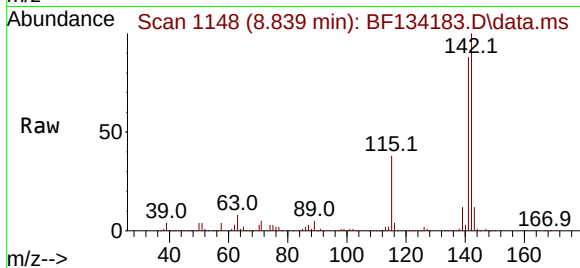
ClientSampleId :

Tgt Ion:142 Resp: 563448

Ion Ratio Lower Upper

142 100

141 87.8 71.0 106.4



#38

1-Methylnaphthalene

Concen: 39.334 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF134183.D

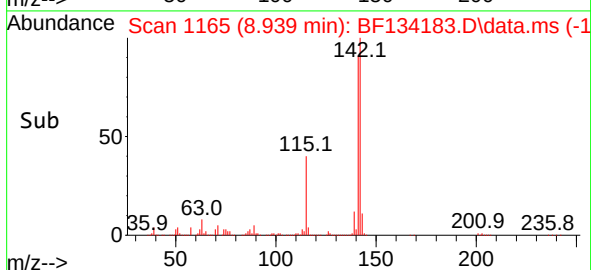
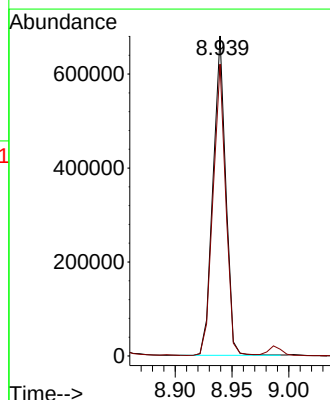
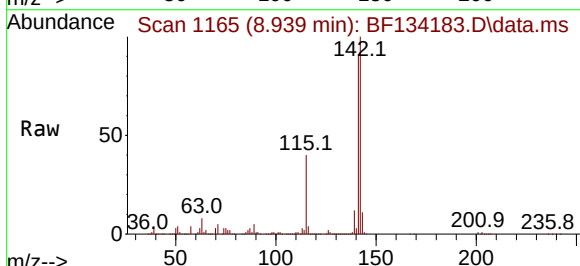
Acq: 10 Jul 2023 13:21

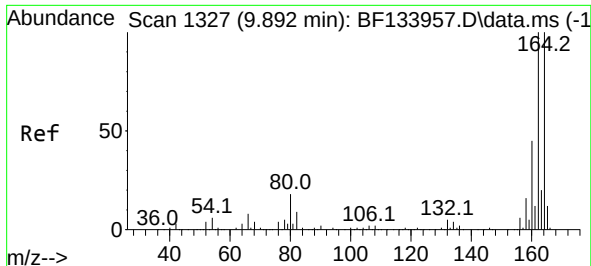
Tgt Ion:142 Resp: 528857

Ion Ratio Lower Upper

142 100

141 91.2 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: BF134183.D

Acq: 10 Jul 2023 13:21

Instrument :

BNA_F

ClientSampleId :

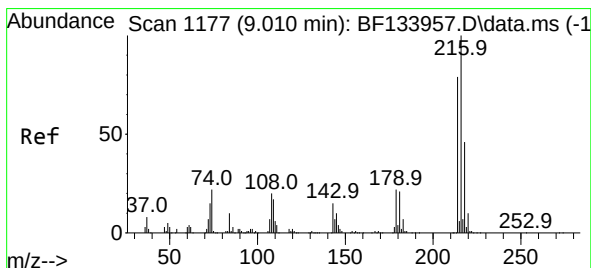
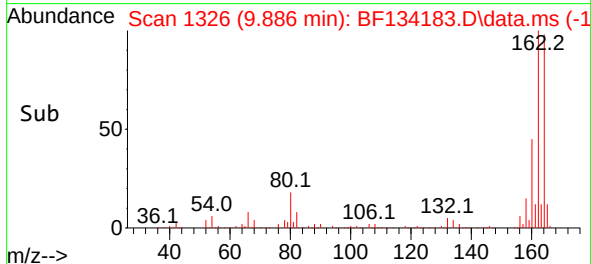
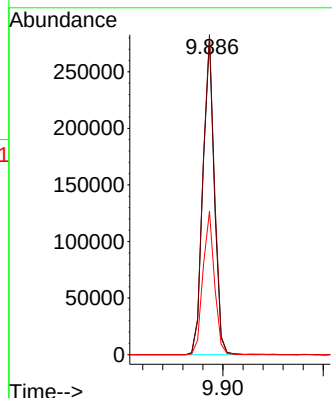
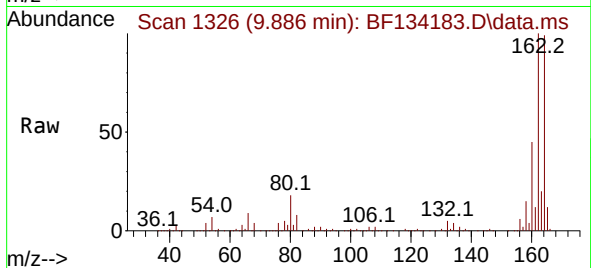
Tgt Ion:164 Resp: 221208

Ion Ratio Lower Upper

164 100

162 101.1 80.0 120.0

160 45.3 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.594 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

Tgt Ion:216 Resp: 259484

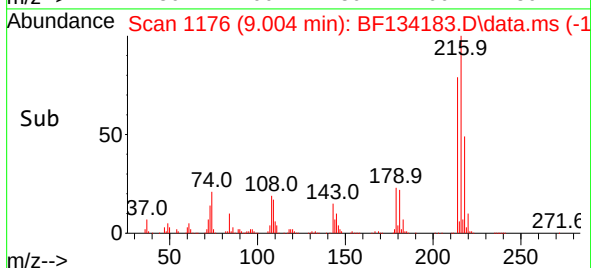
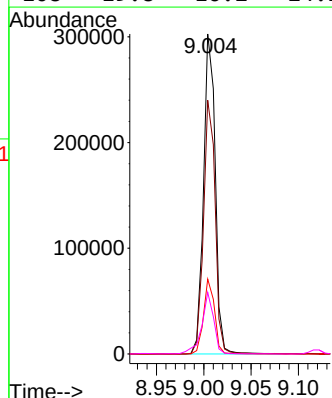
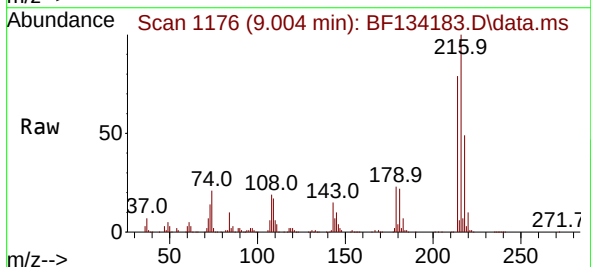
Ion Ratio Lower Upper

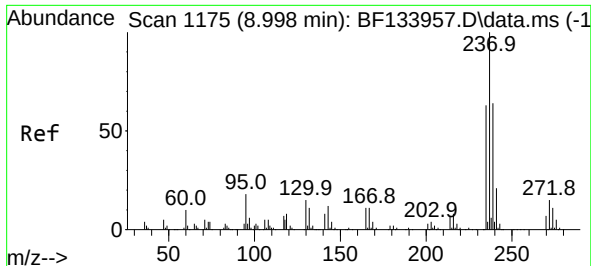
216 100

214 79.4 64.1 96.1

179 22.0 17.3 25.9

108 19.8 16.2 24.2

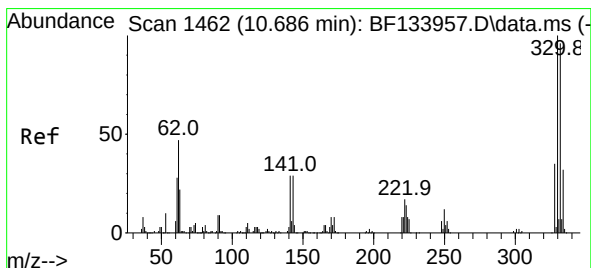
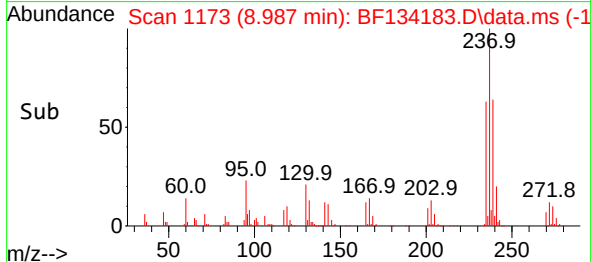
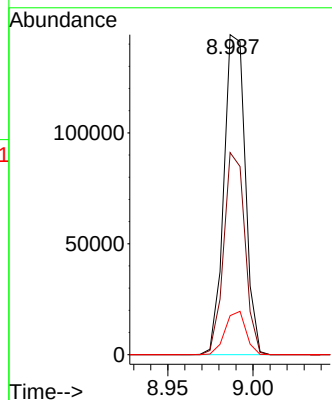
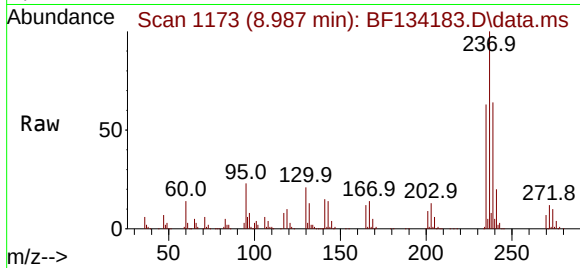




#41
Hexachlorocyclopentadiene
Concen: 40.610 ng
RT: 8.987 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

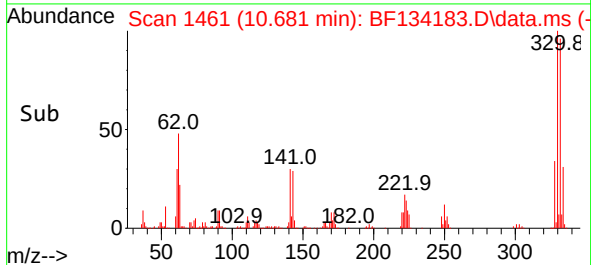
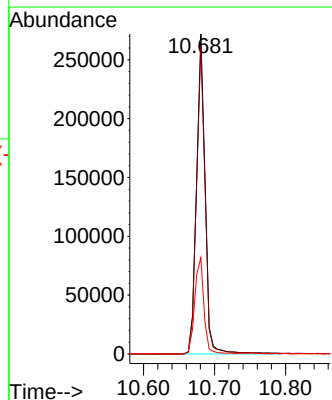
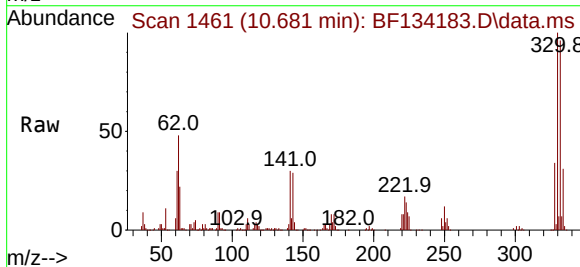
Instrument :
BNA_F
ClientSampleId :

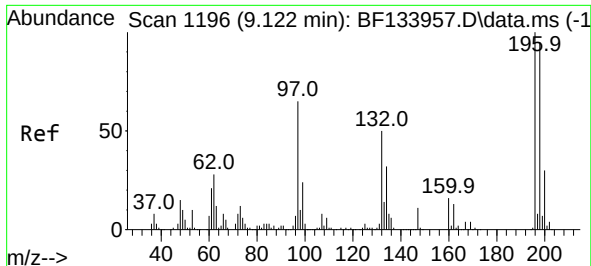
Tgt Ion:237 Resp: 126262
Ion Ratio Lower Upper
237 100
235 63.2 42.8 82.8
272 12.2 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 83.432 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

Tgt Ion:330 Resp: 231400
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 32.2 26.3 39.5

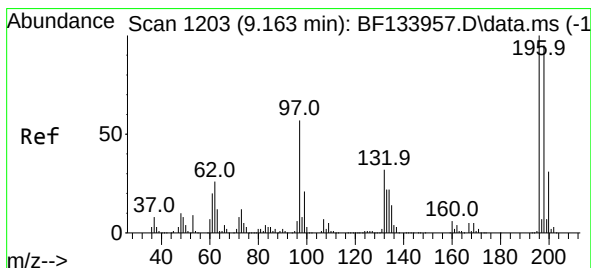
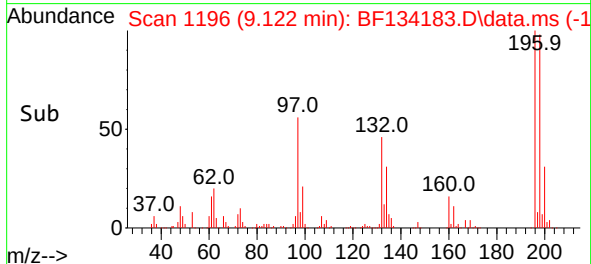
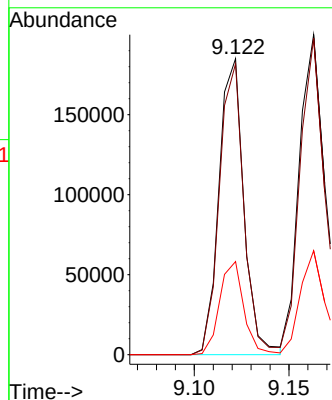
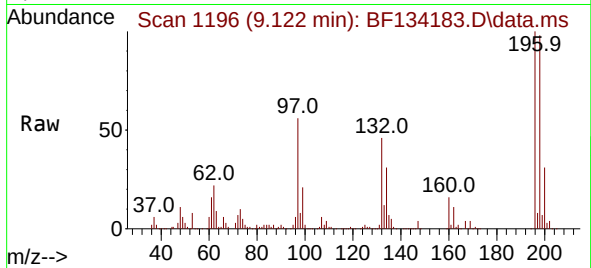




#43
2,4,6-Trichlorophenol
Concen: 37.994 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

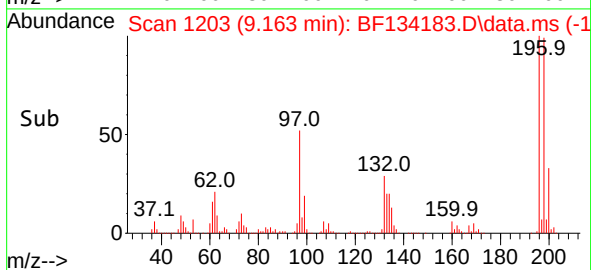
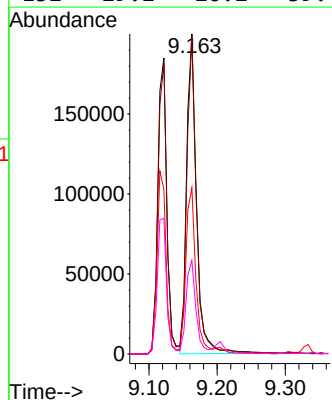
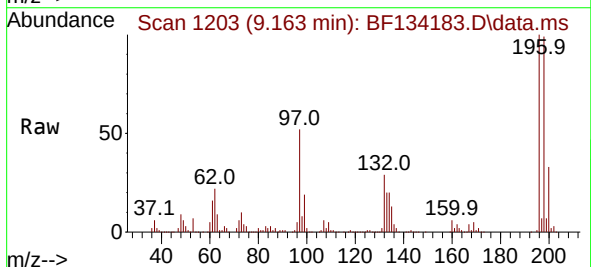
Instrument :
BNA_F
ClientSampleId :

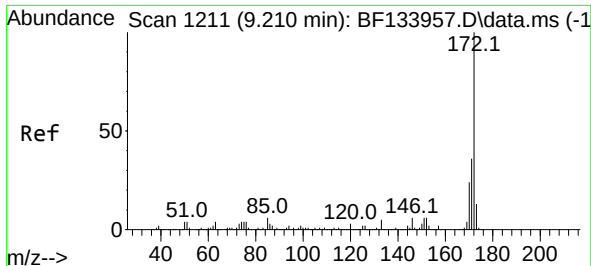
Tgt Ion:196 Resp: 169506
Ion Ratio Lower Upper
196 100
198 98.3 75.6 113.4
200 31.5 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 38.571 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

Tgt Ion:196 Resp: 202413
Ion Ratio Lower Upper
196 100
198 98.9 75.7 113.5
97 51.9 45.8 68.6
132 29.2 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 78.322 ng

RT: 9.204 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

Instrument :

BNA_F

ClientSampleId :

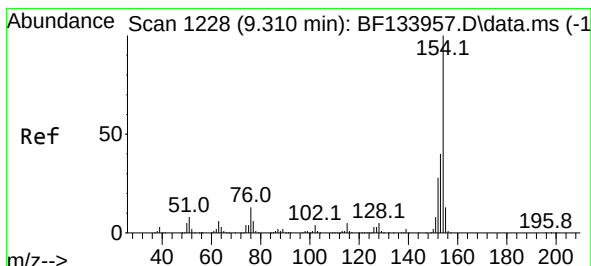
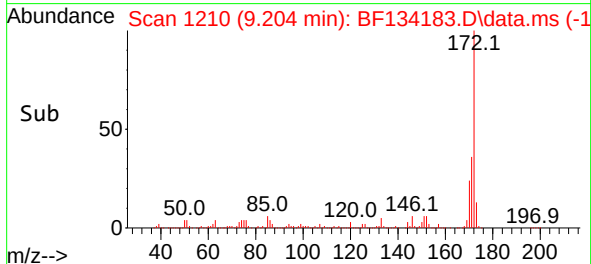
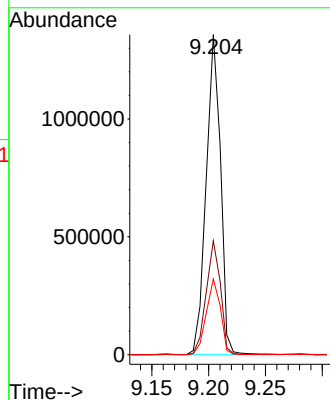
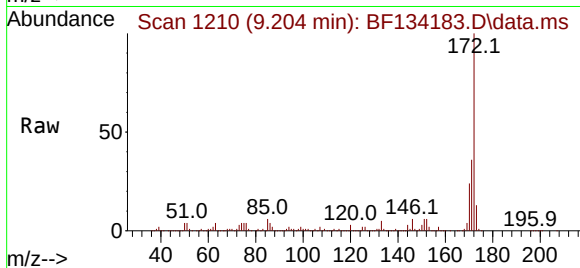
Tgt Ion:172 Resp: 1191657

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.7 19.4 29.0



#46

1,1'-Biphenyl

Concen: 38.910 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

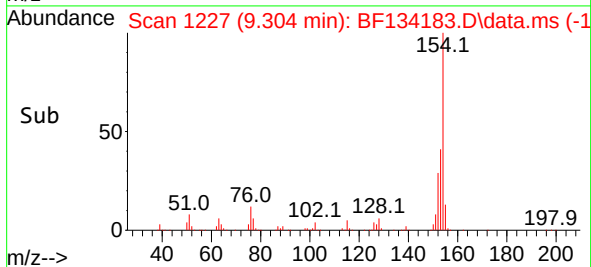
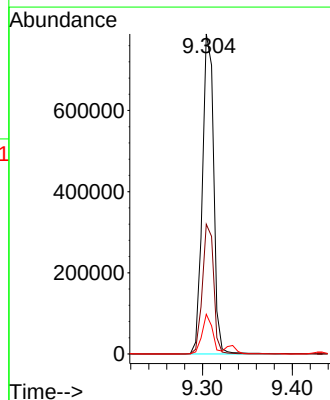
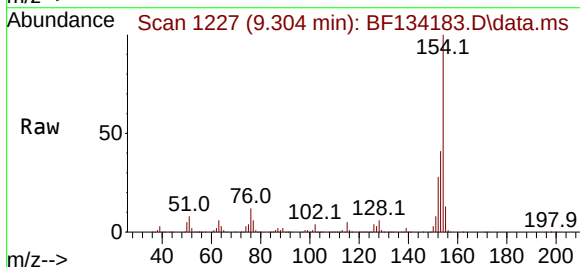
Tgt Ion:154 Resp: 690436

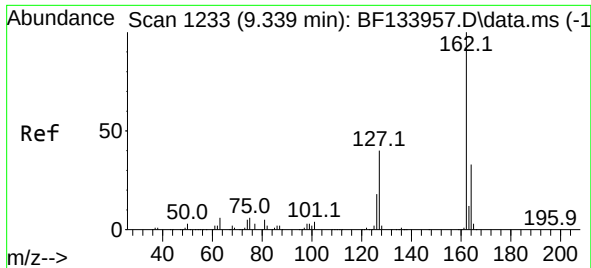
Ion Ratio Lower Upper

154 100

153 40.6 19.8 59.8

76 12.4 0.0 32.9

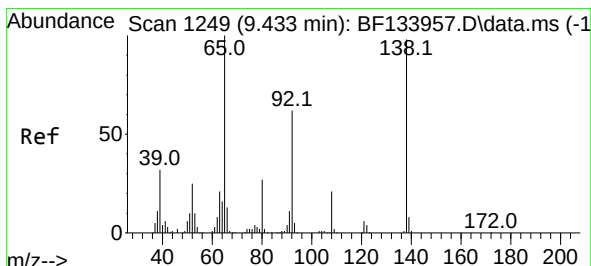
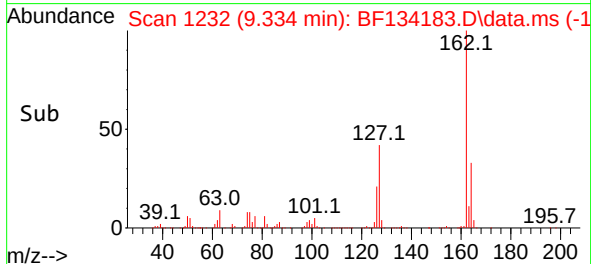
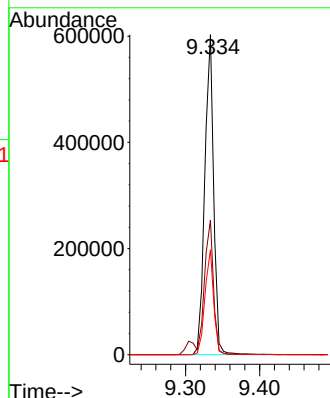
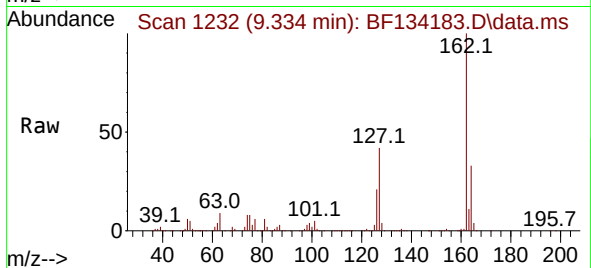




#47
2-Chloronaphthalene
Concen: 38.828 ng
RT: 9.334 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

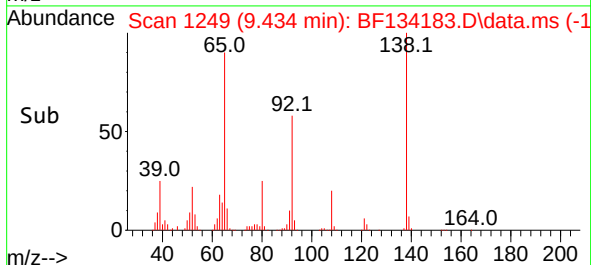
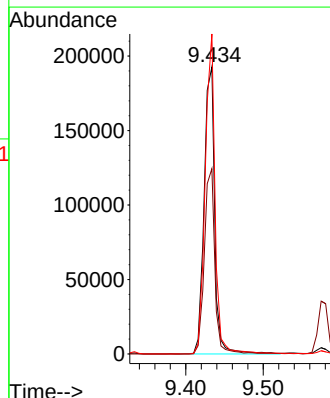
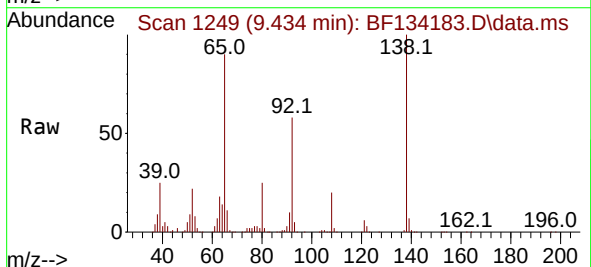
Instrument :
BNA_F
ClientSampleId :

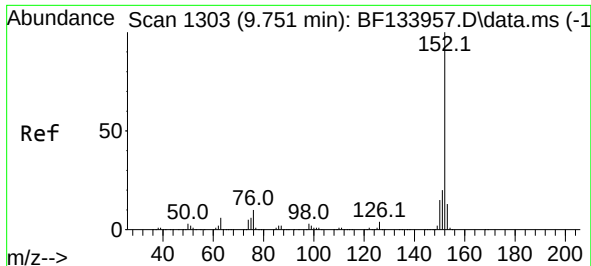
Tgt Ion:162 Resp: 504111
Ion Ratio Lower Upper
162 100
127 42.1 32.9 49.3
164 32.8 26.1 39.1



#48
2-Nitroaniline
Concen: 38.706 ng
RT: 9.434 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

Tgt Ion: 65 Resp: 183143
Ion Ratio Lower Upper
65 100
92 64.6 49.5 74.3
138 111.5 78.0 117.0





#49

Acenaphthylene

Concen: 38.834 ng

RT: 9.745 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

Instrument :

BNA_F

ClientSampleId :

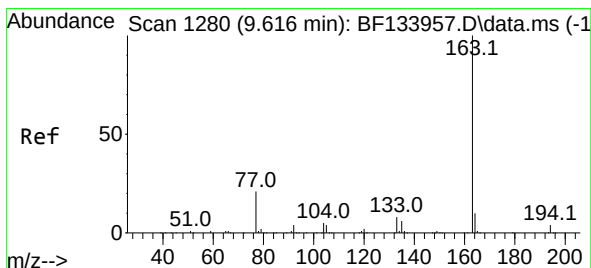
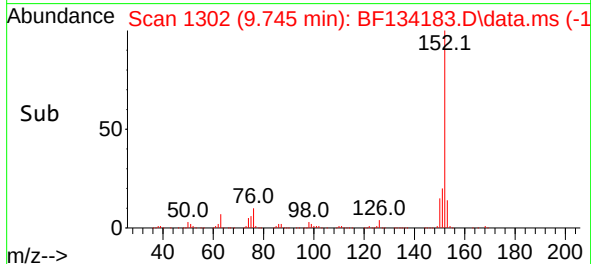
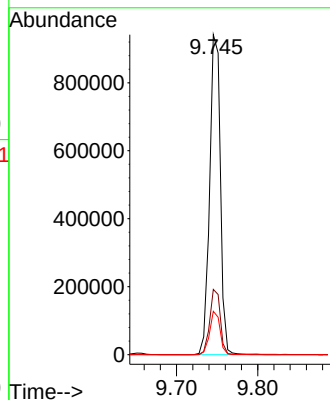
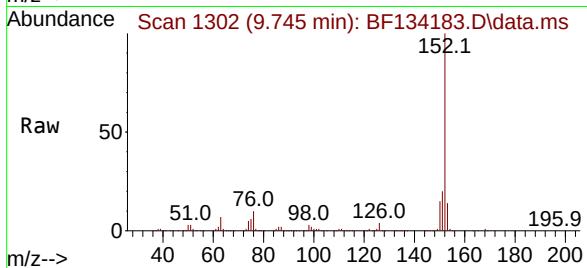
Tgt Ion:152 Resp: 861263

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 13.5 10.8 16.2



#50

Dimethylphthalate

Concen: 39.125 ng

RT: 9.610 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

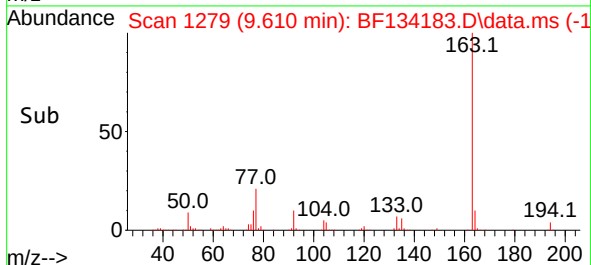
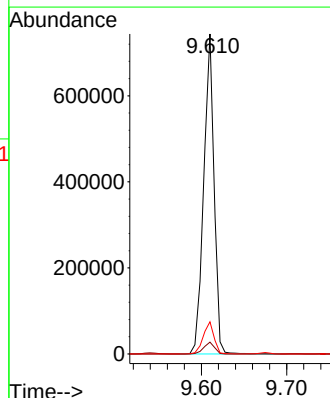
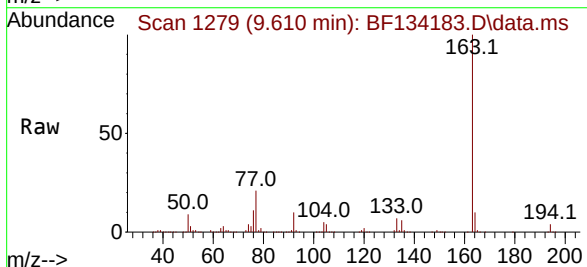
Tgt Ion:163 Resp: 628251

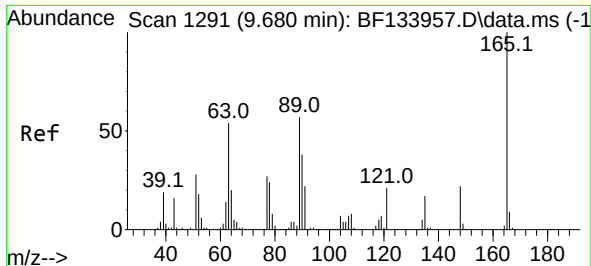
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.1 8.2 12.2

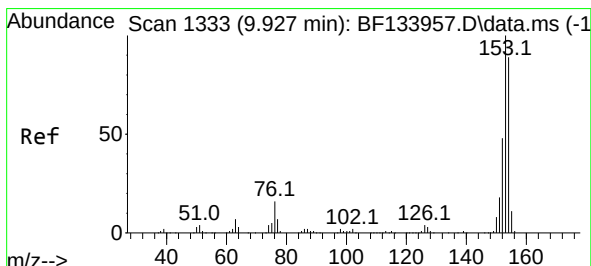
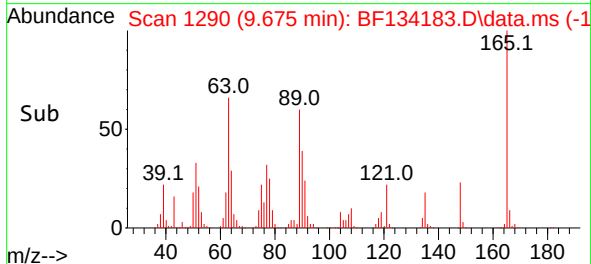
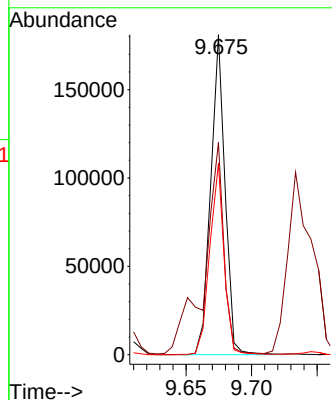
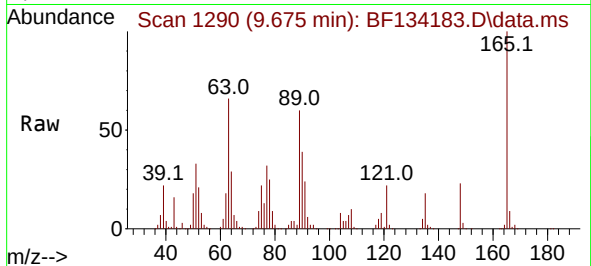




#51
2,6-Dinitrotoluene
Concen: 39.835 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

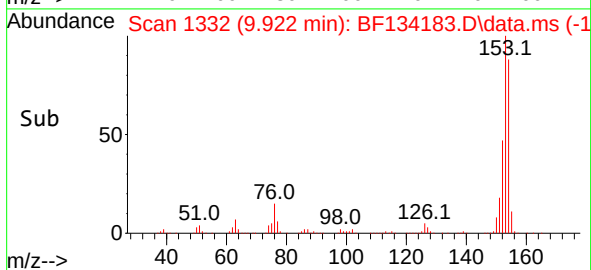
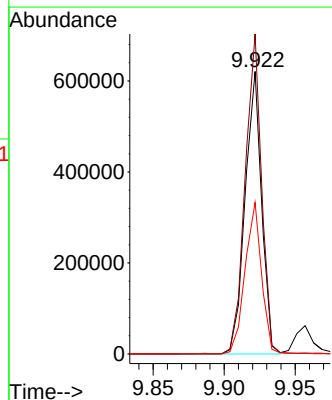
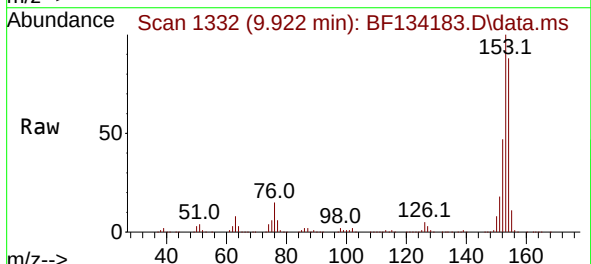
Instrument :
BNA_F
ClientSampleId :

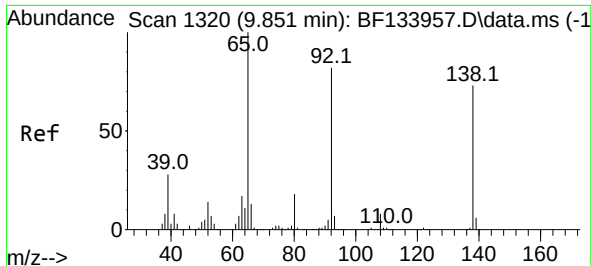
Tgt Ion:165 Resp: 137771
Ion Ratio Lower Upper
165 100
63 66.3 48.5 72.7
89 59.8 45.5 68.3



#52
Acenaphthene
Concen: 39.087 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

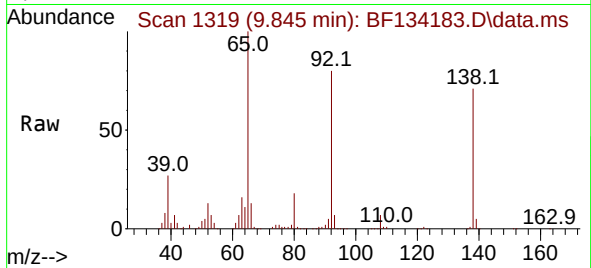
Tgt Ion:154 Resp: 503018
Ion Ratio Lower Upper
154 100
153 113.3 89.4 134.2
152 53.6 42.8 64.2



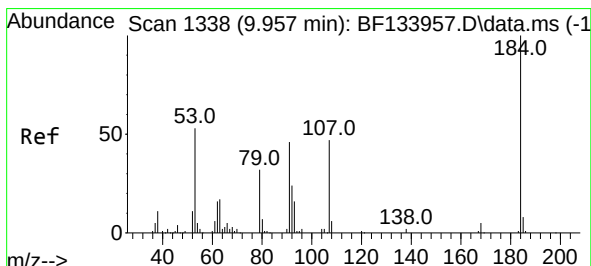
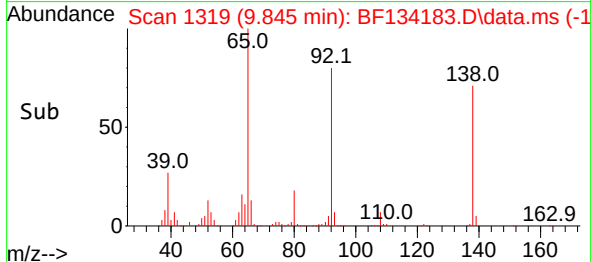
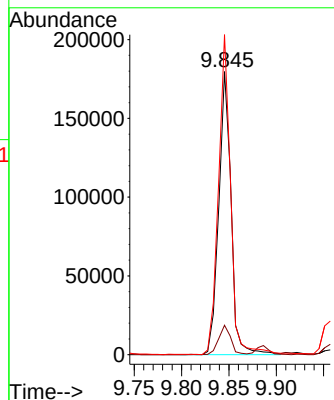


#53
3-Nitroaniline
Concen: 39.136 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

Instrument :
BNA_F
ClientSampleId :

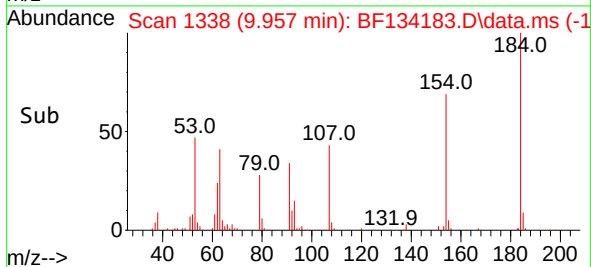
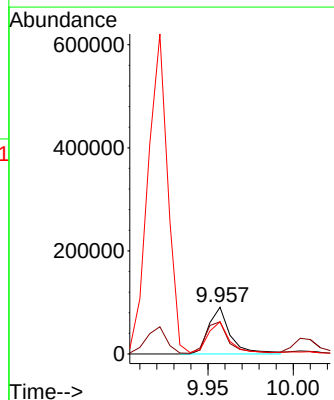
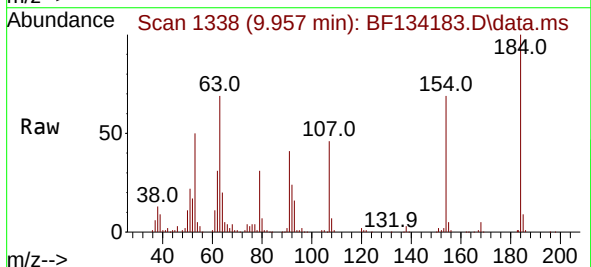


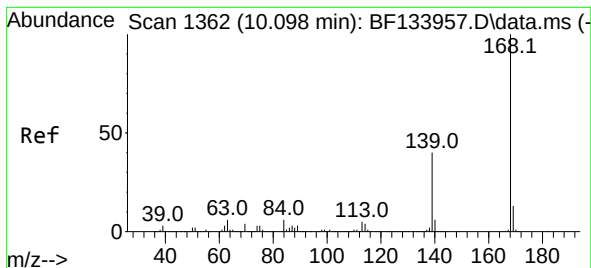
Tgt Ion:138 Resp: 162378
Ion Ratio Lower Upper
138 100
108 10.4 8.4 12.6
92 113.1 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 42.454 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

Tgt Ion:184 Resp: 80989
Ion Ratio Lower Upper
184 100
63 69.1 56.9 85.3
154 68.8 55.4 83.0





#55

Dibenzenofuran

Concen: 39.235 ng

RT: 10.092 min Scan# 1361

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

Instrument :

BNA_F

ClientSampleId :

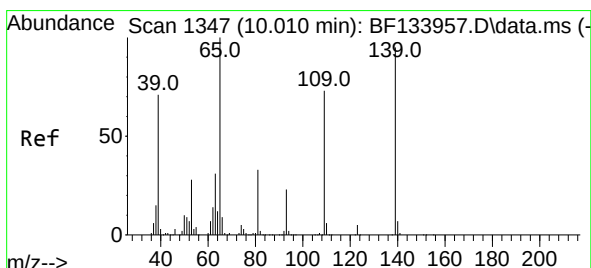
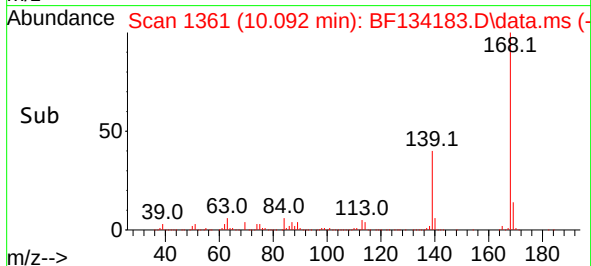
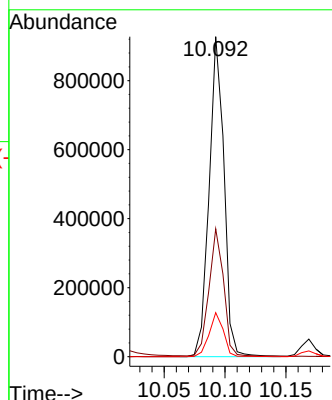
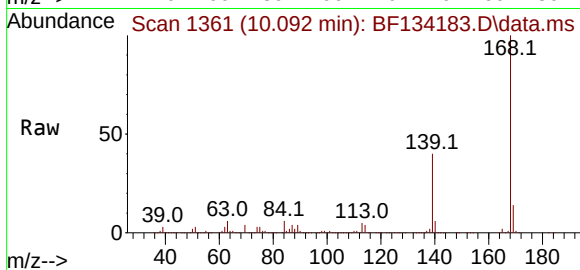
Tgt Ion:168 Resp: 789107

Ion Ratio Lower Upper

168 100

139 39.9 32.0 48.0

169 13.7 10.6 16.0



#56

4-Nitrophenol

Concen: 33.922 ng

RT: 10.010 min Scan# 1347

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

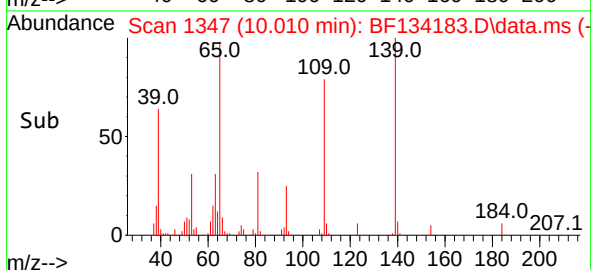
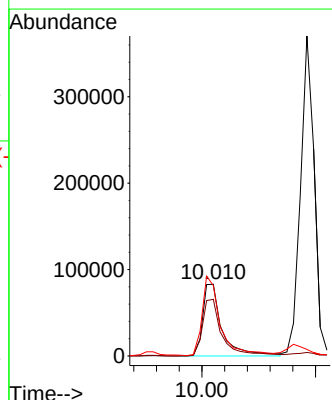
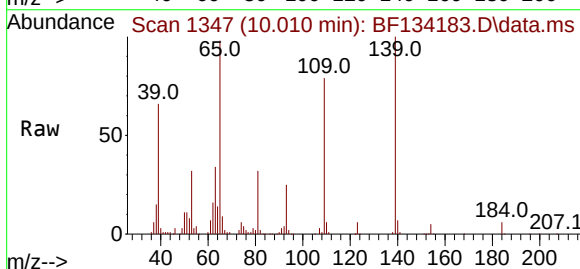
Tgt Ion:139 Resp: 98451

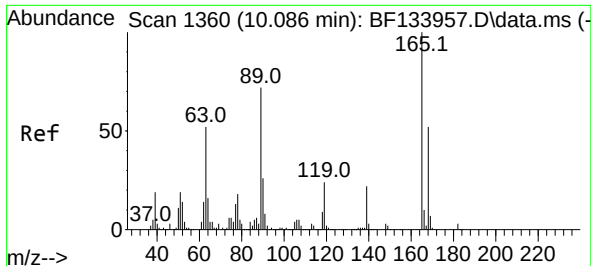
Ion Ratio Lower Upper

139 100

109 78.9 56.8 96.8

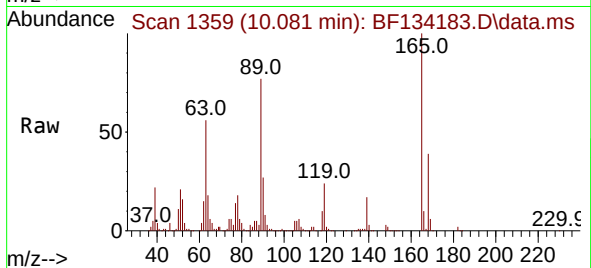
65 98.3 86.1 126.1



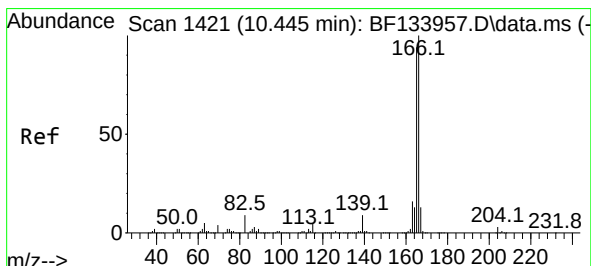
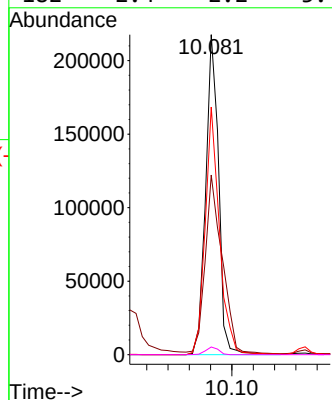
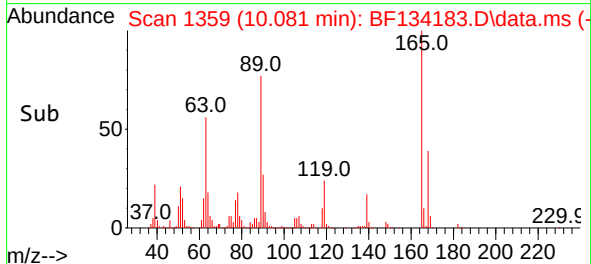


#57
2,4-Dinitrotoluene
Concen: 40.264 ng
RT: 10.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

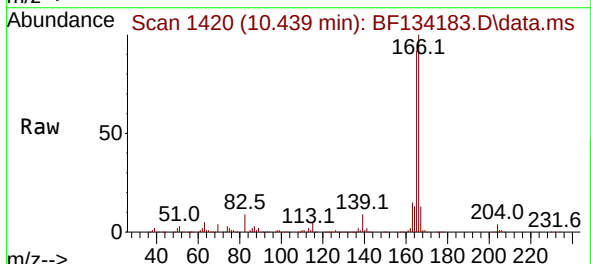
Instrument :
BNA_F
ClientSampleId :



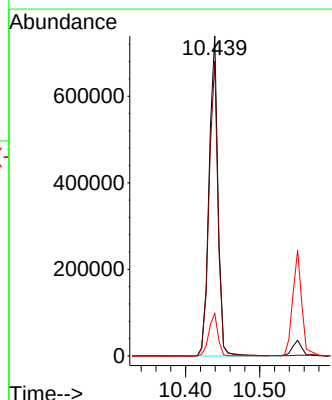
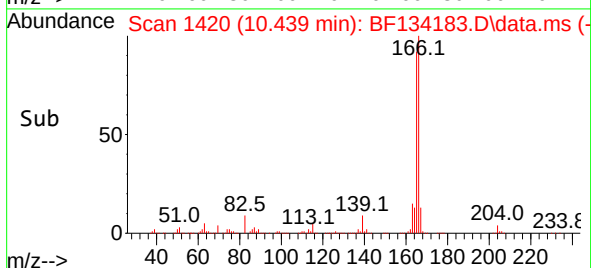
Tgt Ion:165 Resp: 183905
Ion Ratio Lower Upper
165 100
63 56.2 42.2 63.2
89 77.4 57.4 86.2
182 2.4 2.2 3.4

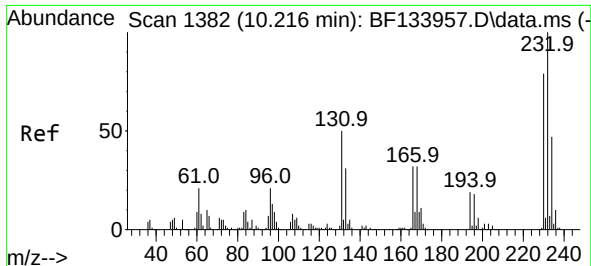


#58
Fluorene
Concen: 39.476 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21



Tgt Ion:166 Resp: 617693
Ion Ratio Lower Upper
166 100
165 92.2 75.0 112.4
167 13.3 10.6 15.8

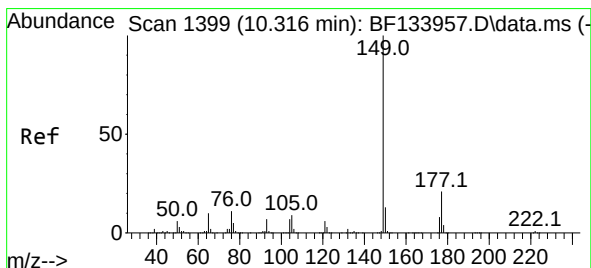
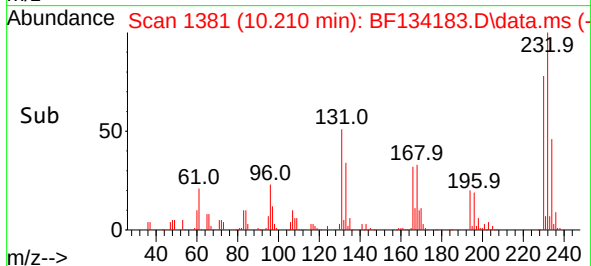
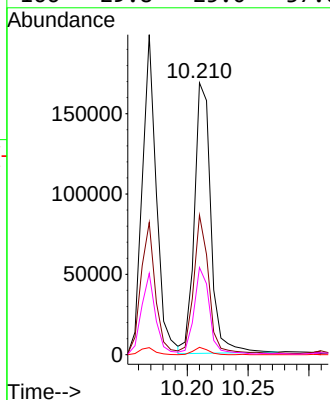
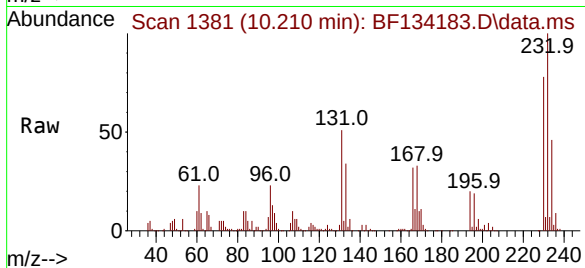




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.387 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

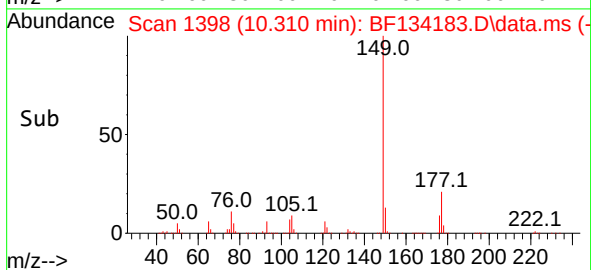
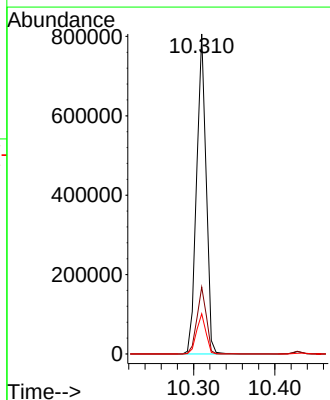
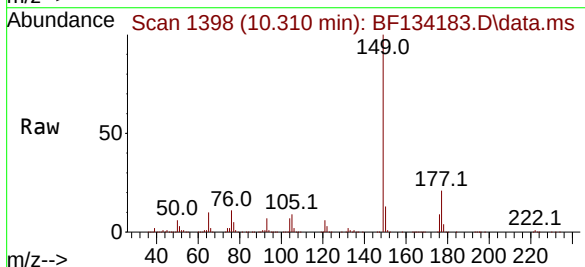
Instrument :
BNA_F
ClientSampleId :

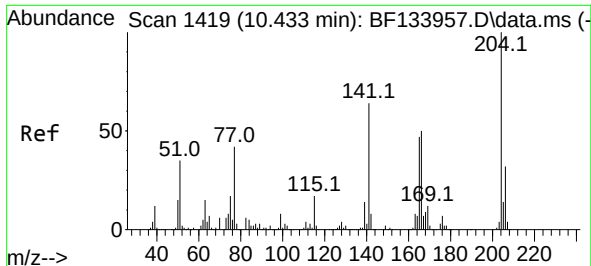
Tgt Ion:232 Resp: 158902
Ion Ratio Lower Upper
232 100
131 47.4 39.3 58.9
130 2.4 1.8 2.6
166 29.8 25.0 37.6



#60
Diethylphthalate
Concen: 39.428 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

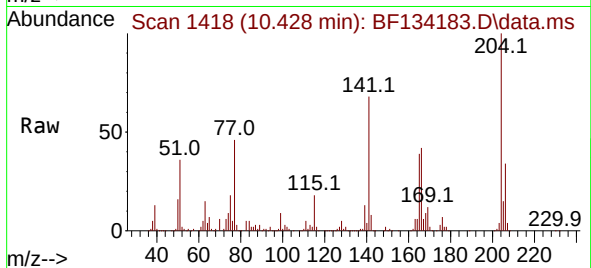
Tgt Ion:149 Resp: 659618
Ion Ratio Lower Upper
149 100
177 20.9 17.0 25.6
150 12.6 10.2 15.2



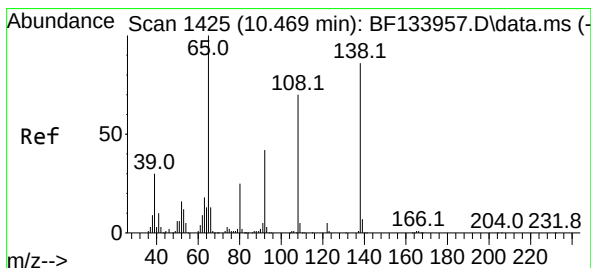
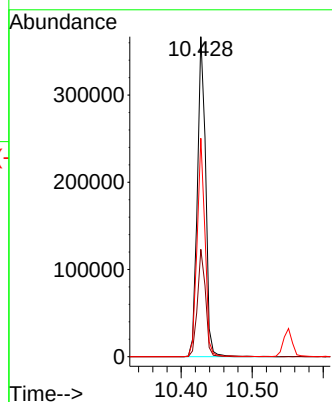
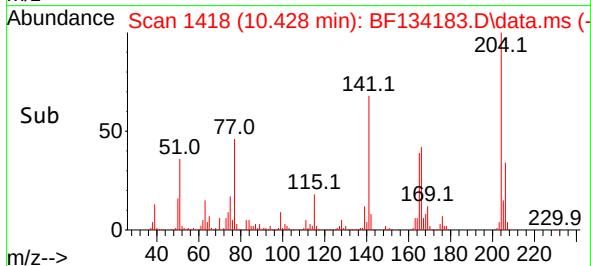


#61
4-Chlorophenyl-phenylether
Concen: 39.461 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

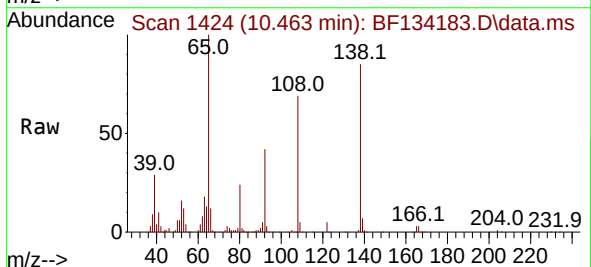
Instrument :
BNA_F
ClientSampleId :



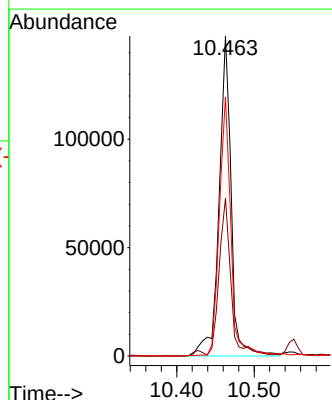
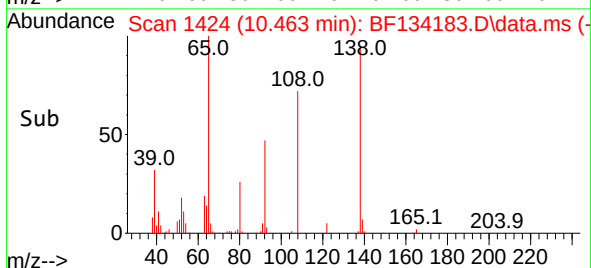
Tgt Ion:204 Resp: 297557
Ion Ratio Lower Upper
204 100
206 33.5 25.8 38.6
141 68.3 51.5 77.3

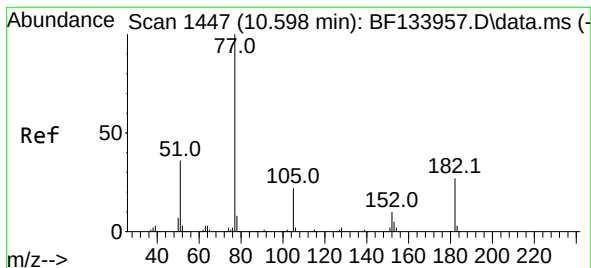


#62
4-Nitroaniline
Concen: 38.377 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21



Tgt Ion:138 Resp: 160472
Ion Ratio Lower Upper
138 100
92 49.3 29.7 69.7
108 80.9 62.1 102.1





#63

Azobenzene

Concen: 39.472 ng

RT: 10.592 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 624640

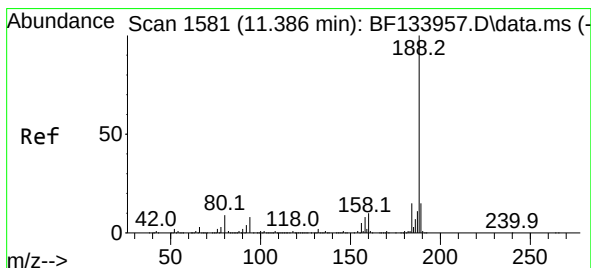
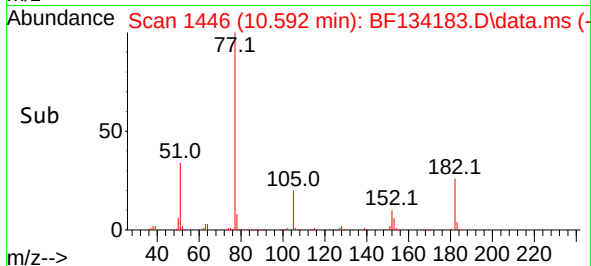
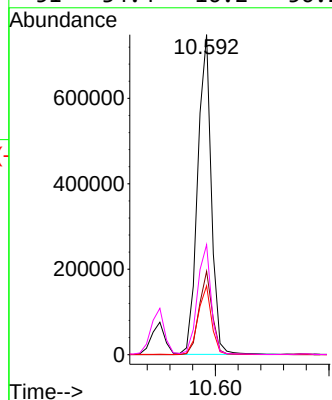
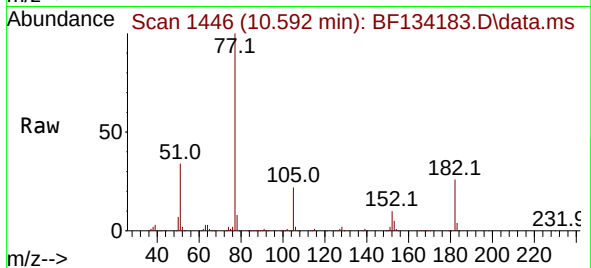
Ion Ratio Lower Upper

77 100

182 26.1 6.8 46.8

105 21.5 2.3 42.3

51 34.4 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: BF134183.D

Acq: 10 Jul 2023 13:21

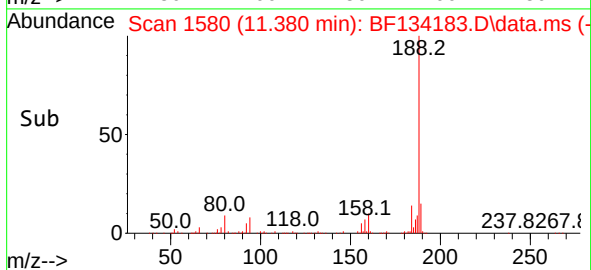
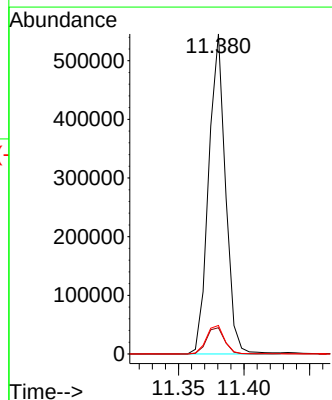
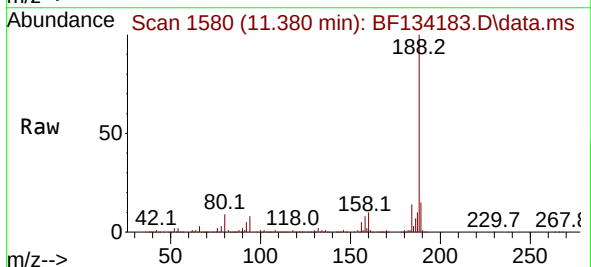
Tgt Ion: 188 Resp: 488806

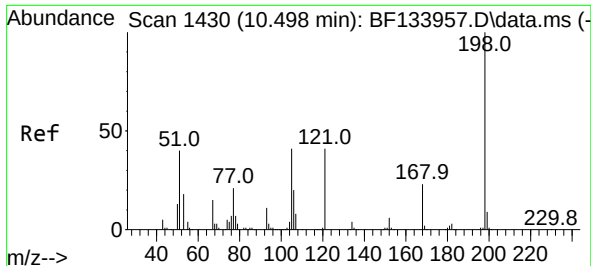
Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.9 7.3 10.9

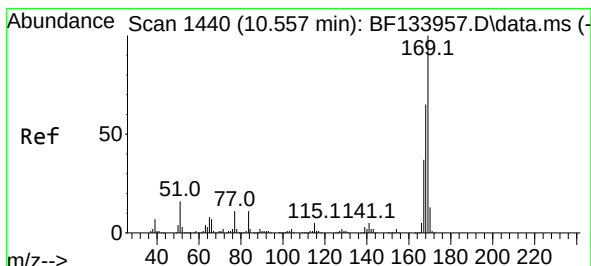
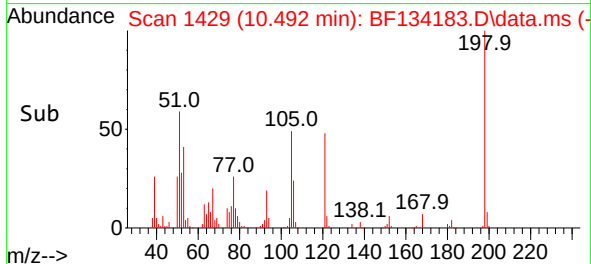
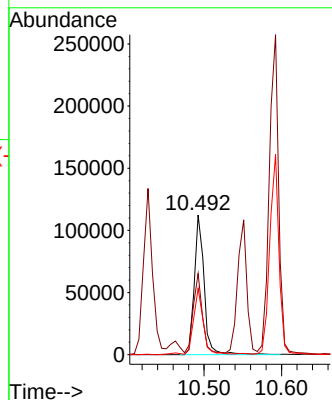
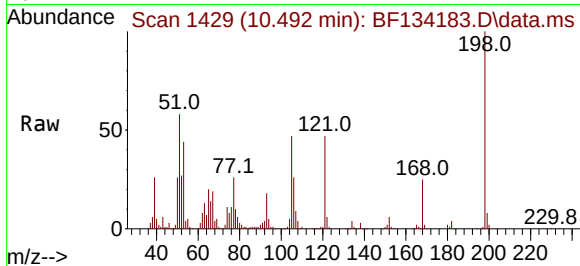




#65
4,6-Dinitro-2-methylphenol
Concen: 37.130 ng
RT: 10.492 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

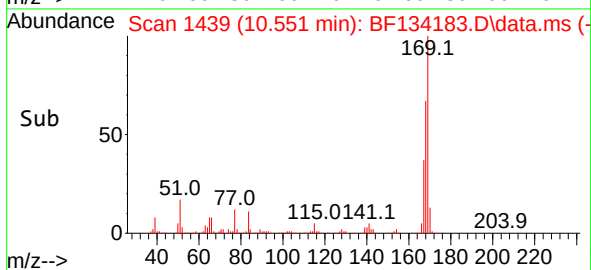
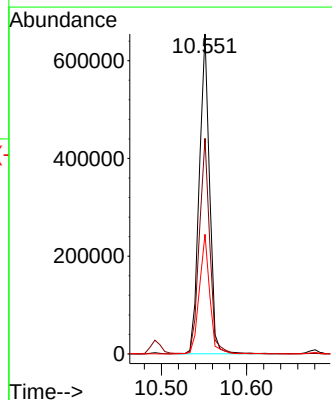
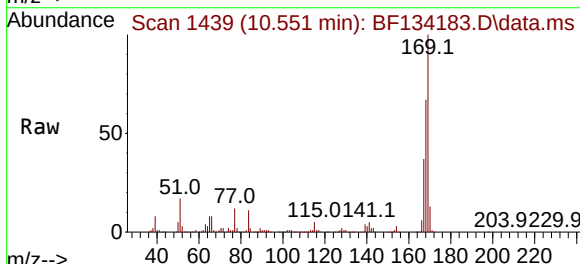
Instrument :
BNA_F
ClientSampleId :

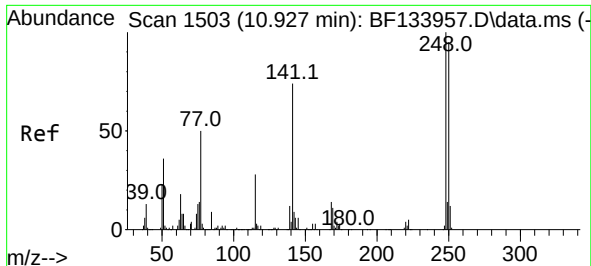
Tgt Ion:198 Resp: 98950
Ion Ratio Lower Upper
198 100
51 58.2 29.3 69.3
105 47.4 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 35.381 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

Tgt Ion:169 Resp: 552566
Ion Ratio Lower Upper
169 100
168 67.4 52.3 78.5
167 37.4 29.4 44.0

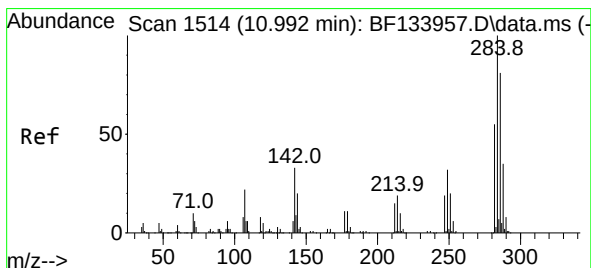
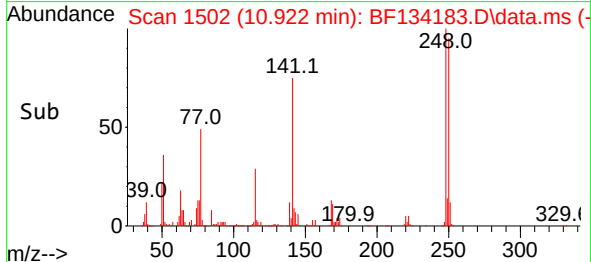
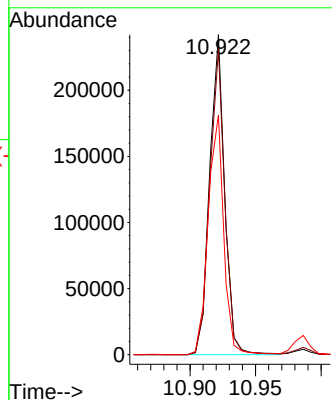
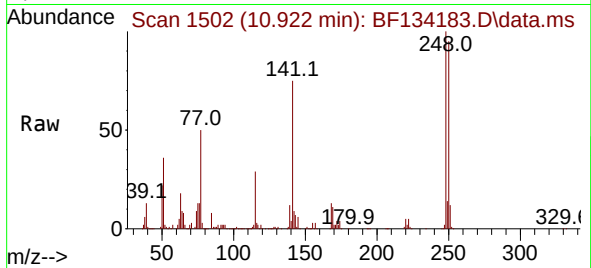




#67
4-Bromophenyl-phenylether
Concen: 37.241 ng
RT: 10.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

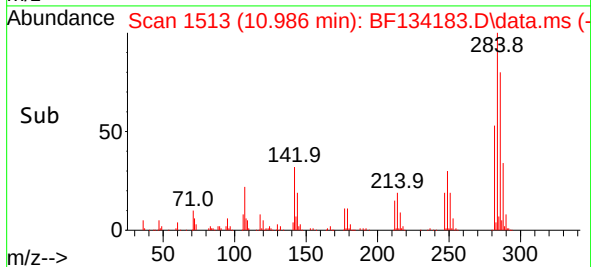
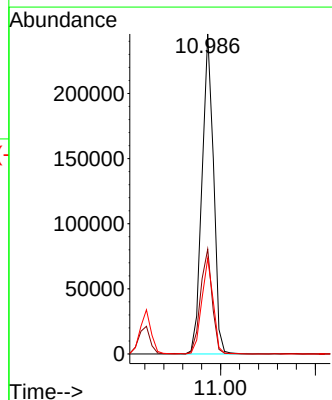
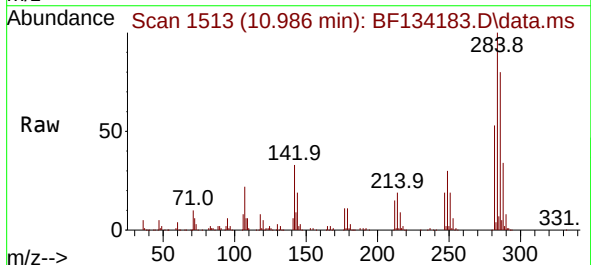
Instrument :
BNA_F
ClientSampleId :

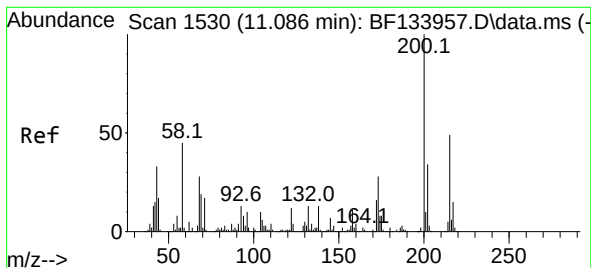
Tgt Ion:248 Resp: 193481
Ion Ratio Lower Upper
248 100
250 95.4 76.2 114.4
141 74.9 59.0 88.4



#68
Hexachlorobenzene
Concen: 37.609 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

Tgt Ion:284 Resp: 207461
Ion Ratio Lower Upper
284 100
142 32.7 26.6 40.0
249 29.8 25.5 38.3





#69

Atrazine

Concen: 37.089 ng

RT: 11.081 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

Instrument :

BNA_F

ClientSampleId :

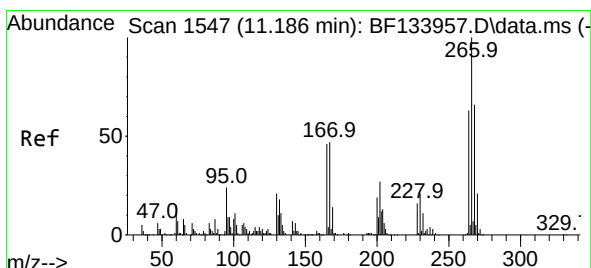
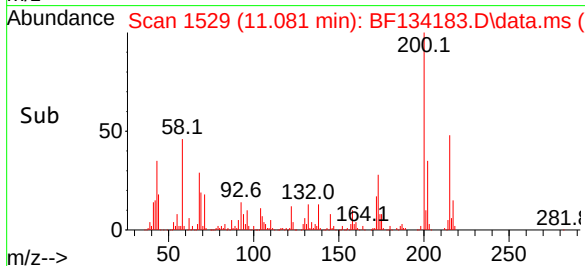
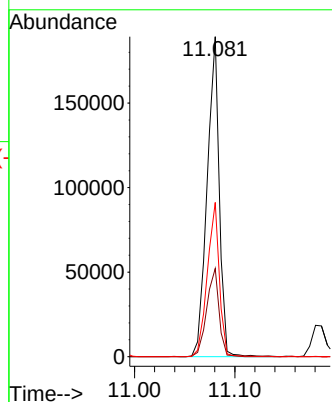
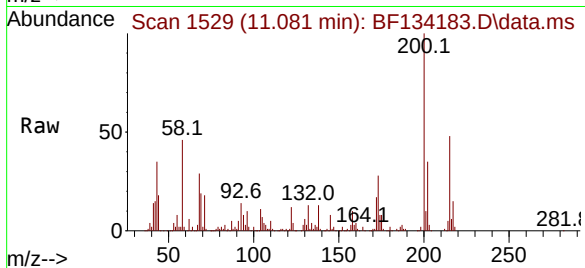
Tgt Ion:200 Resp: 160221

Ion Ratio Lower Upper

200 100

173 27.5 8.0 48.0

215 48.2 29.3 69.3



#70

Pentachlorophenol

Concen: 33.929 ng

RT: 11.186 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

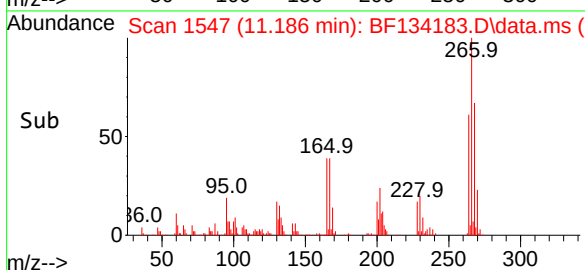
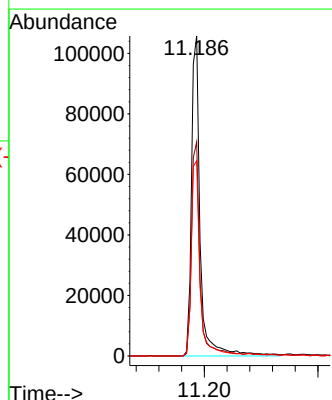
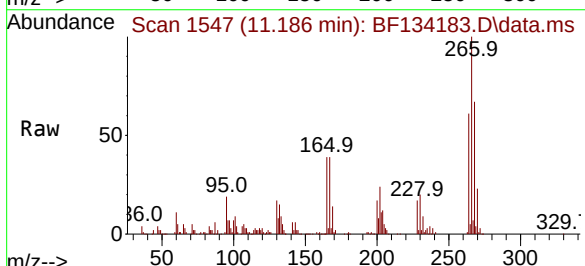
Tgt Ion:266 Resp: 111909

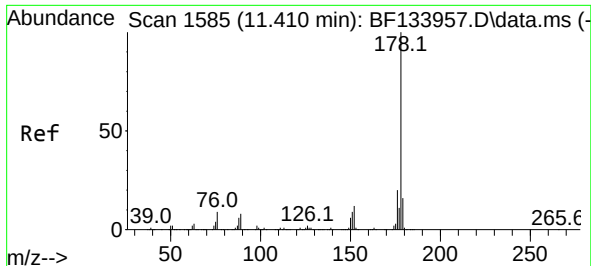
Ion Ratio Lower Upper

266 100

268 66.9 52.6 79.0

264 61.0 50.6 76.0

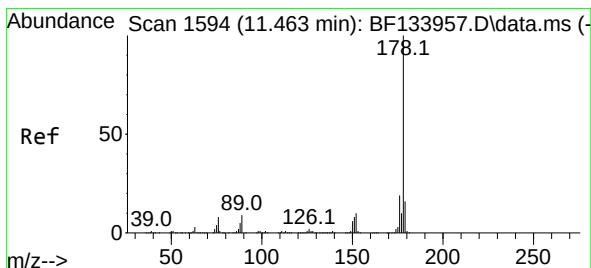
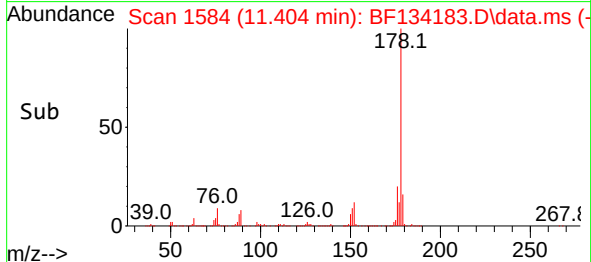
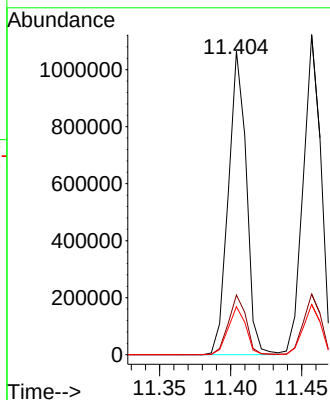
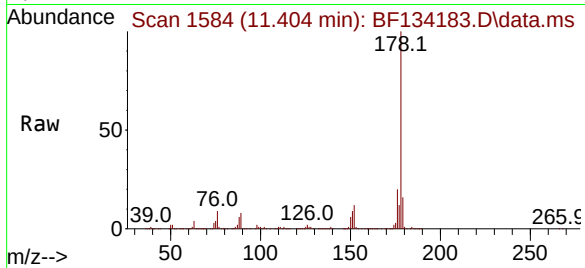




#71
Phenanthrene
Concen: 38.205 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

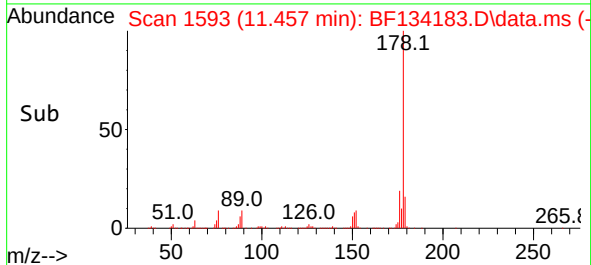
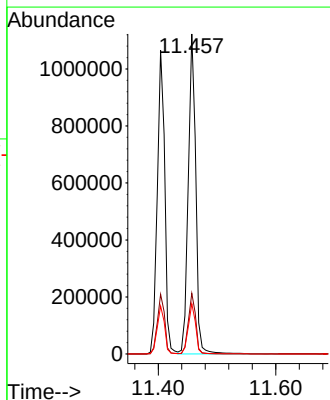
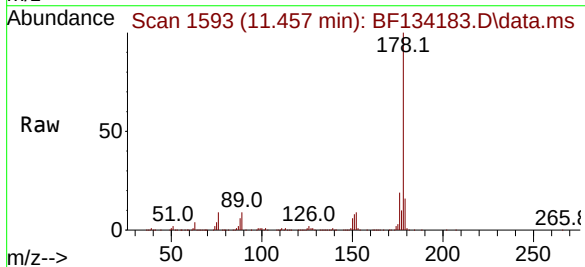
Instrument :
BNA_F
ClientSampleId :

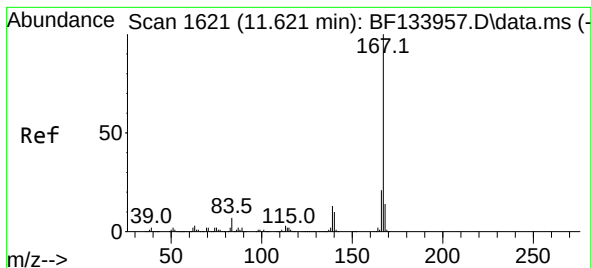
Tgt Ion:178 Resp: 940128
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.8 12.4 18.6



#72
Anthracene
Concen: 39.029 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

Tgt Ion:178 Resp: 998928
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.7 12.4 18.6





#73

Carbazole

Concen: 39.366 ng

RT: 11.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

Instrument :

BNA_F

ClientSampleId :

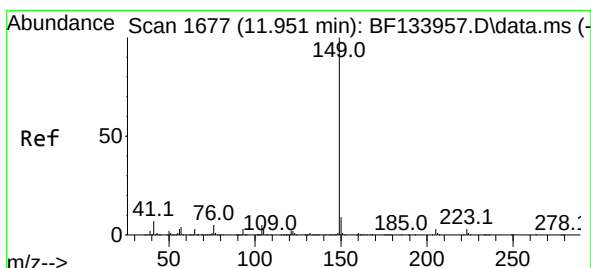
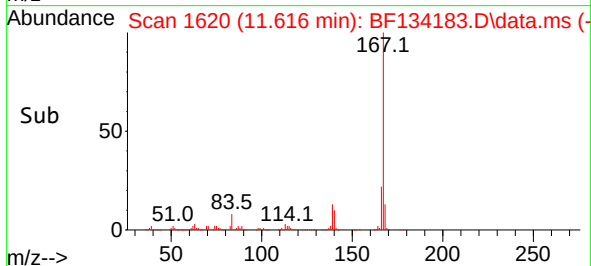
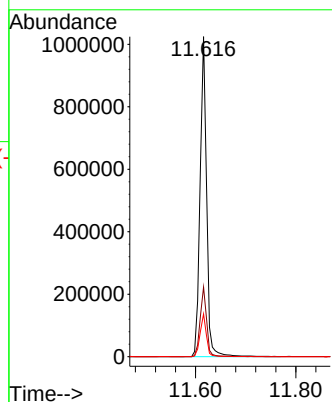
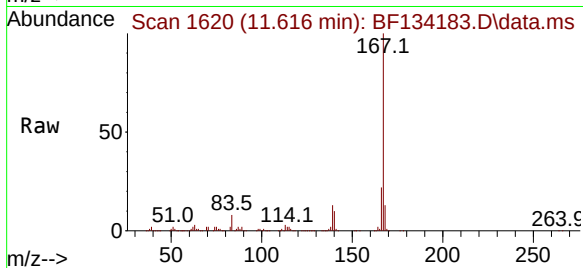
Tgt Ion:167 Resp: 922218

Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.6

139 13.4 10.4 15.6



#74

Di-n-butylphthalate

Concen: 39.953 ng

RT: 11.945 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

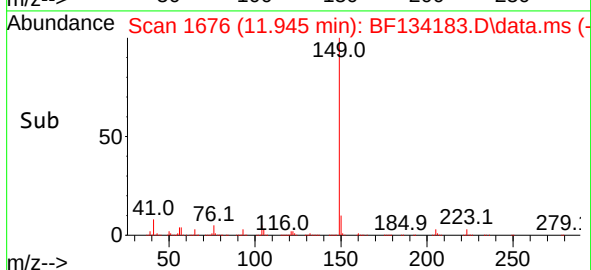
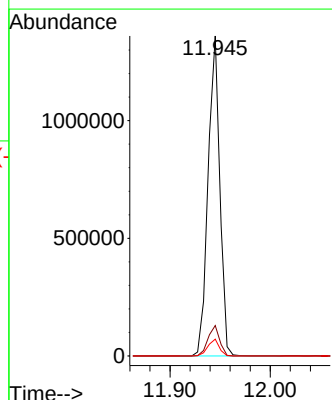
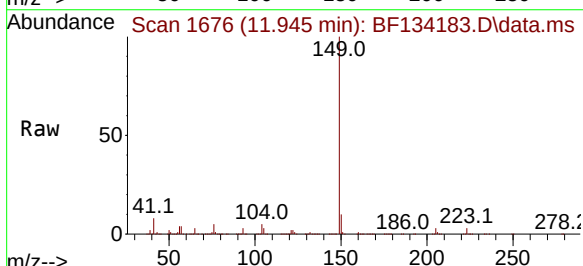
Tgt Ion:149 Resp: 1113035

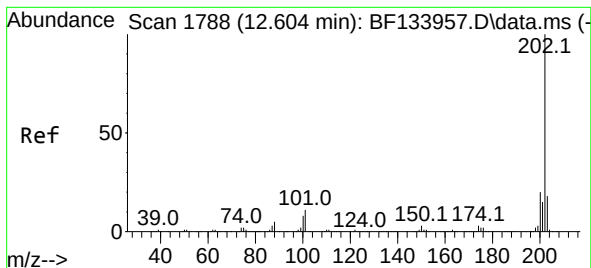
Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

104 5.2 4.0 6.0





#75

Fluoranthene

Concen: 37.852 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

Instrument :

BNA_F

ClientSampleId :

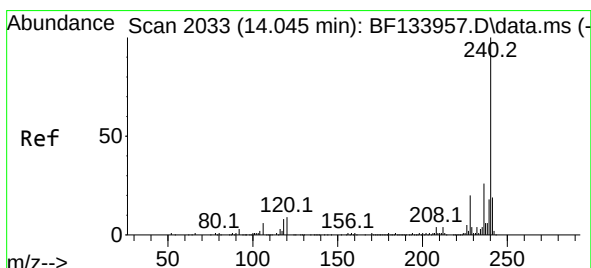
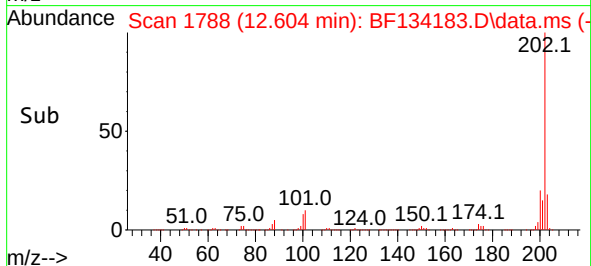
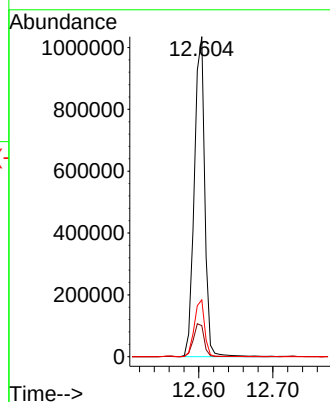
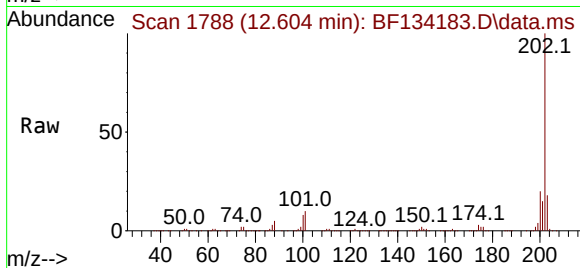
Tgt Ion:202 Resp: 1006979

Ion Ratio Lower Upper

202 100

101 9.7 0.0 31.0

203 17.8 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

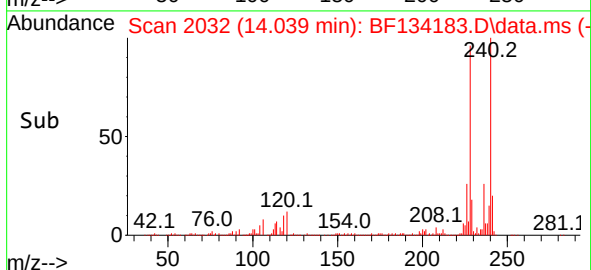
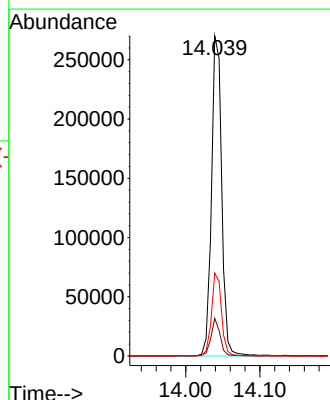
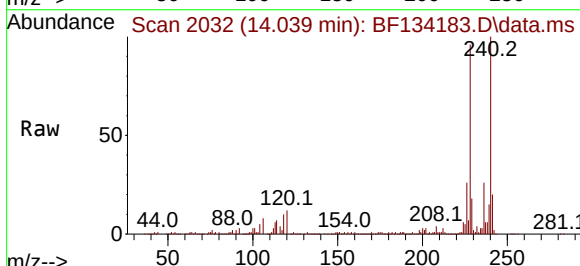
Tgt Ion:240 Resp: 259163

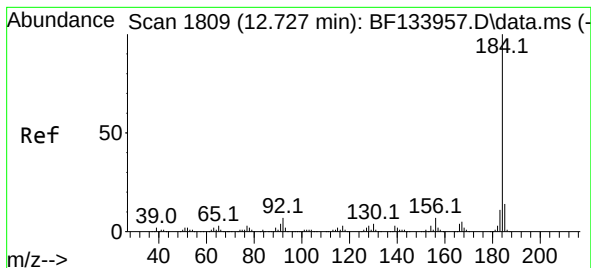
Ion Ratio Lower Upper

240 100

120 11.7 7.4 11.0#

236 25.9 21.0 31.6





#77

Benzidine

Concen: 40.343 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

Instrument :

BNA_F

ClientSampleId :

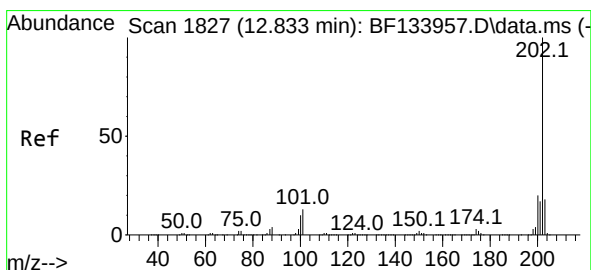
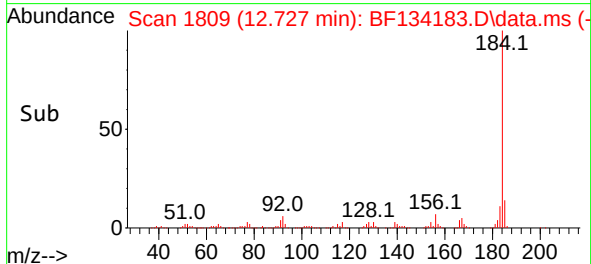
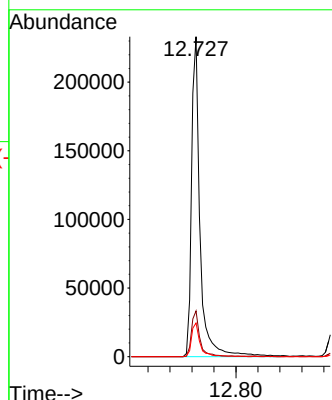
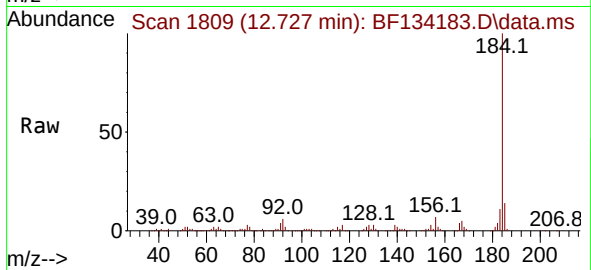
Tgt Ion:184 Resp: 248778

Ion Ratio Lower Upper

184 100

185 14.3 11.6 17.4

183 10.5 8.8 13.2



#78

Pyrene

Concen: 41.928 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

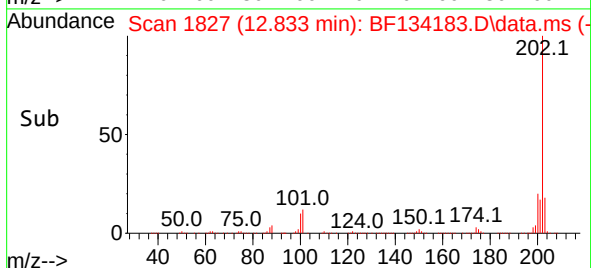
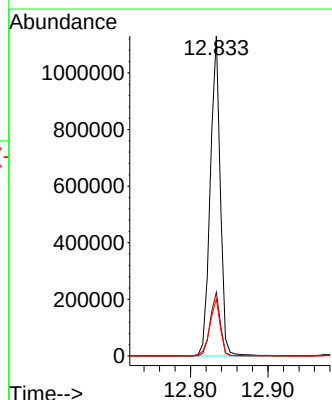
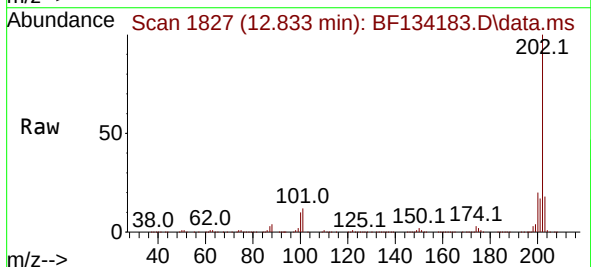
Tgt Ion:202 Resp: 1011247

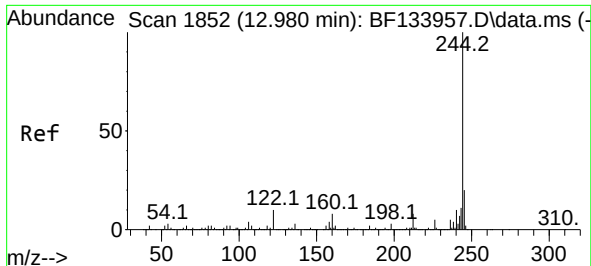
Ion Ratio Lower Upper

202 100

200 19.9 16.1 24.1

203 17.7 14.3 21.5

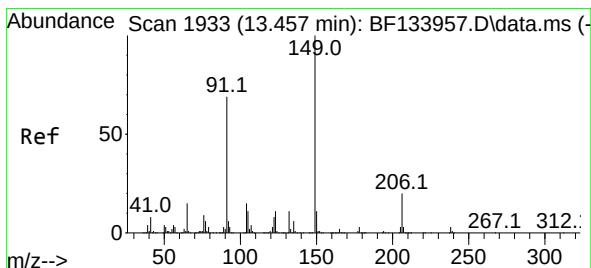
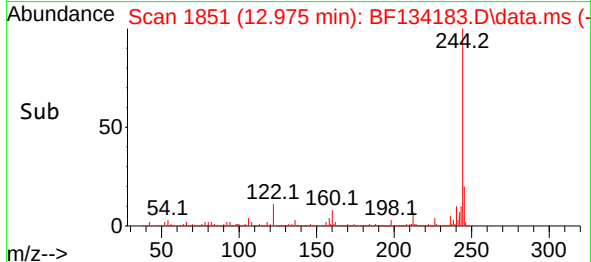
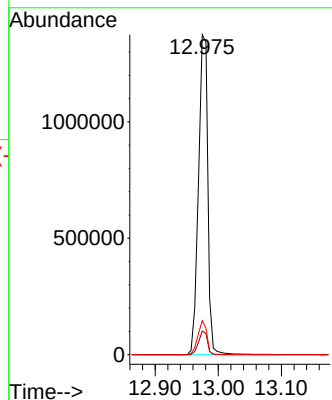
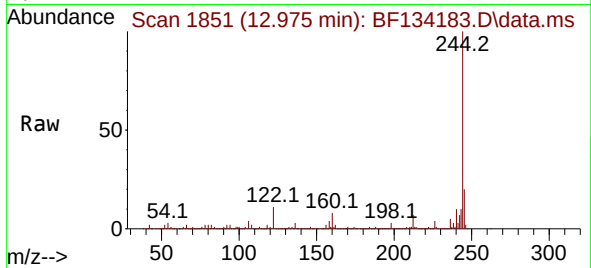




#79
 Terphenyl-d14
 Concen: 87.626 ng
 RT: 12.975 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF134183.D
 Acq: 10 Jul 2023 13:21

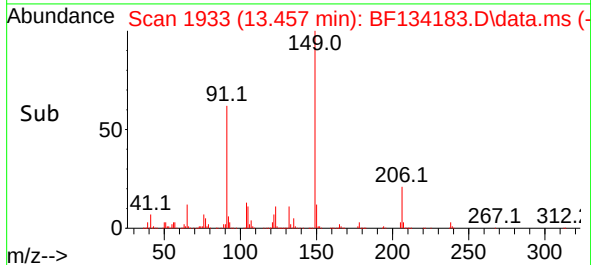
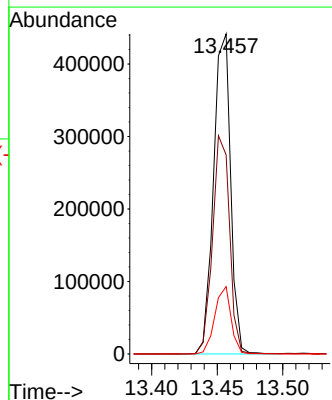
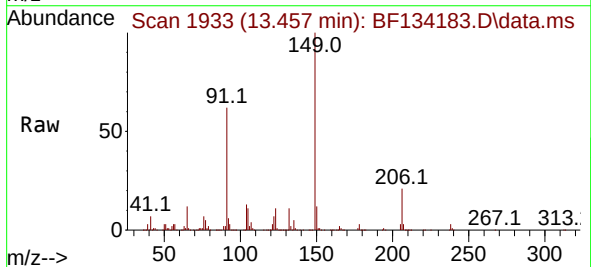
Instrument :
 BNA_F
 ClientSampleId :

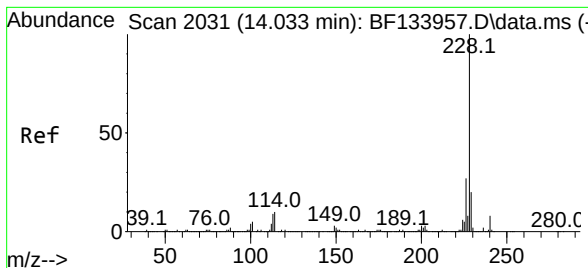
Tgt Ion:244 Resp: 1411030
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.6 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 44.250 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. 0.000 min
 Lab File: BF134183.D
 Acq: 10 Jul 2023 13:21

Tgt Ion:149 Resp: 400267
 Ion Ratio Lower Upper
 149 100
 91 62.2 55.1 82.7
 206 21.0 15.7 23.5





#81

Benzo(a)anthracene

Concen: 39.050 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

Instrument :

BNA_F

ClientSampleId :

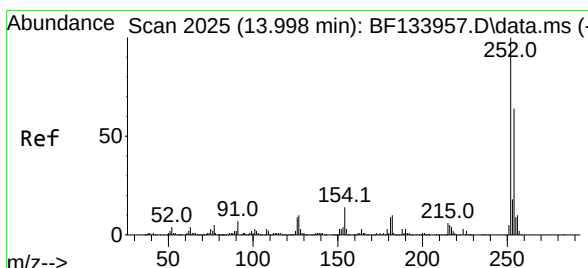
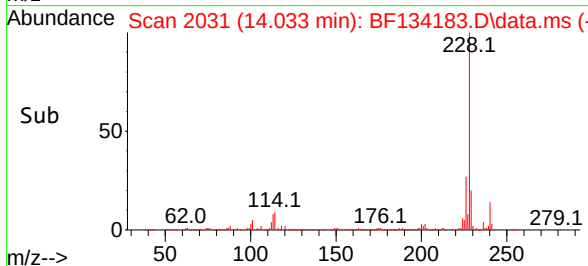
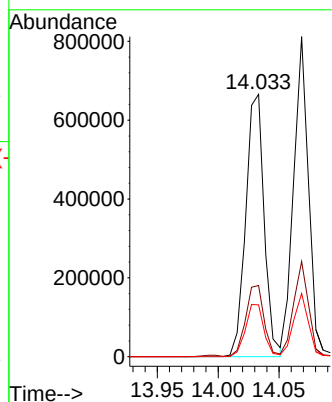
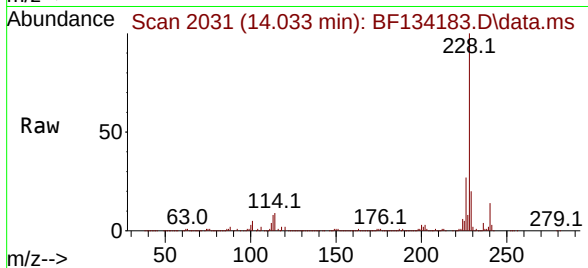
Tgt Ion:228 Resp: 701860

Ion Ratio Lower Upper

228 100

226 27.1 22.0 33.0

229 19.8 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 38.505 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

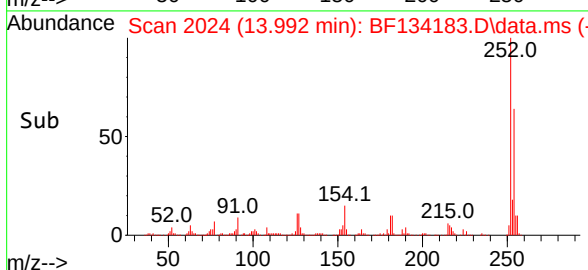
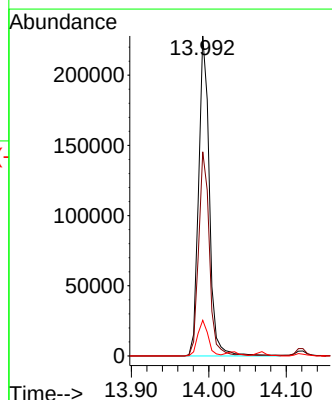
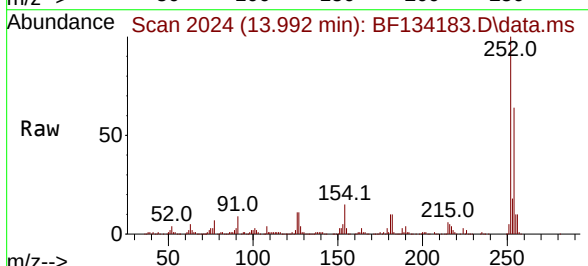
Tgt Ion:252 Resp: 219260

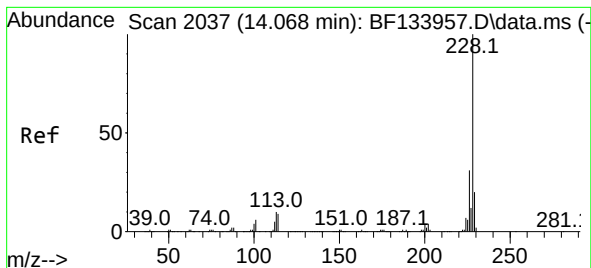
Ion Ratio Lower Upper

252 100

254 63.8 51.4 77.0

126 11.1 7.4 11.2





#83

Chrysene

Concen: 40.483 ng

RT: 14.069 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

Instrument :

BNA_F

ClientSampleId :

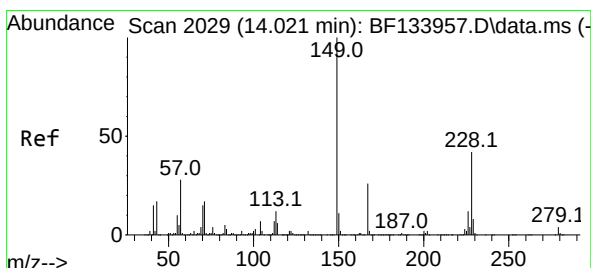
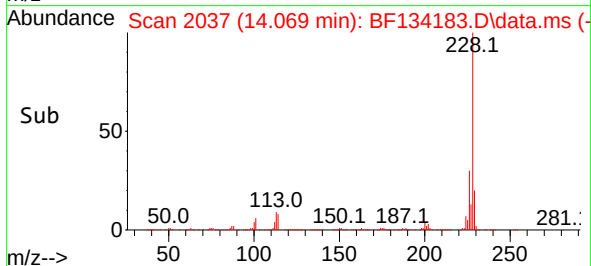
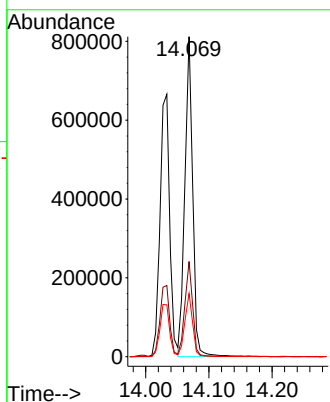
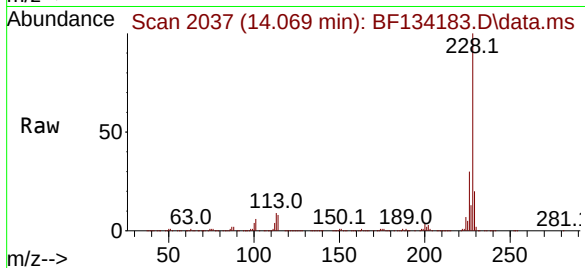
Tgt Ion:228 Resp: 704746

Ion Ratio Lower Upper

228 100

226 29.7 24.4 36.6

229 19.7 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.145 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

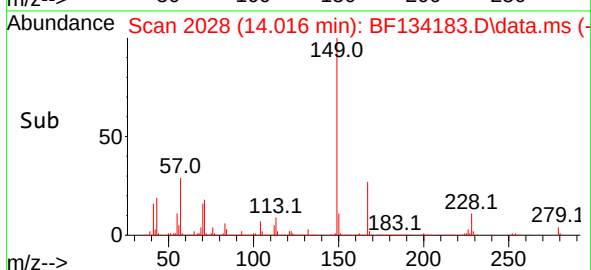
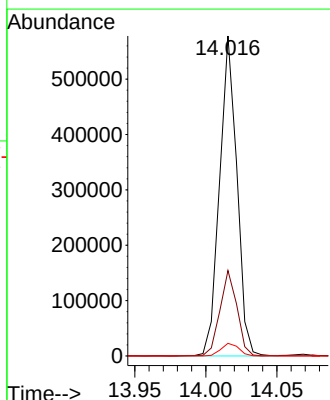
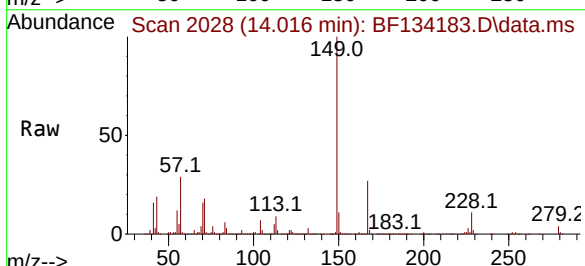
Tgt Ion:149 Resp: 490023

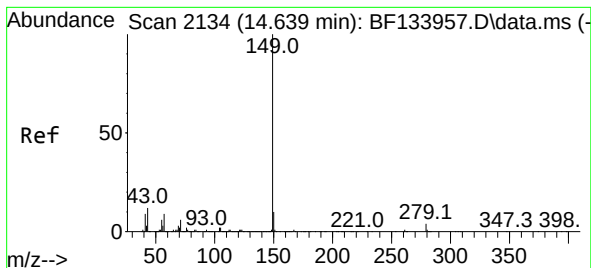
Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.4

279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 46.779 ng

RT: 14.639 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

Instrument :

BNA_F

ClientSampleId :

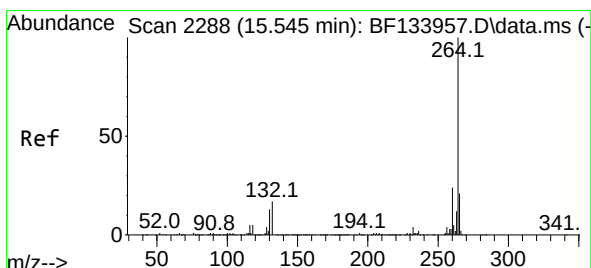
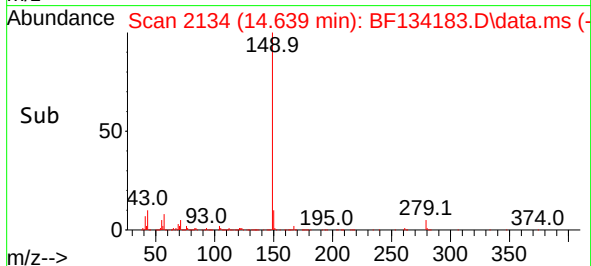
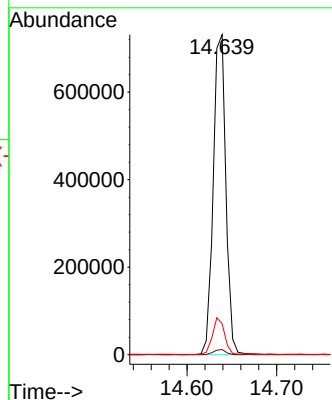
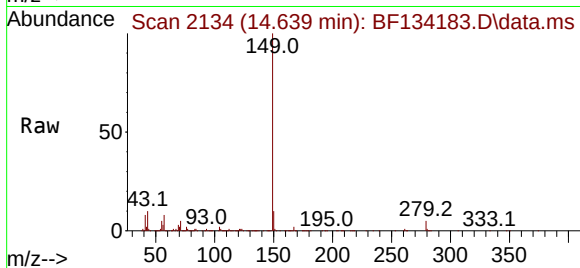
Tgt Ion:149 Resp: 714437

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.9 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

Delta R.T. -0.006 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

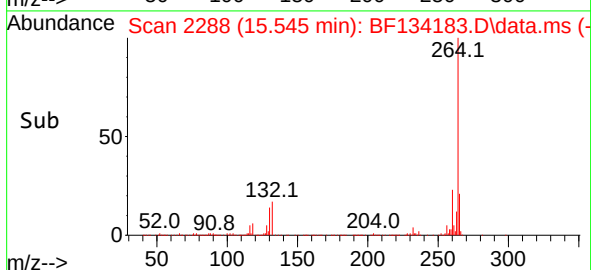
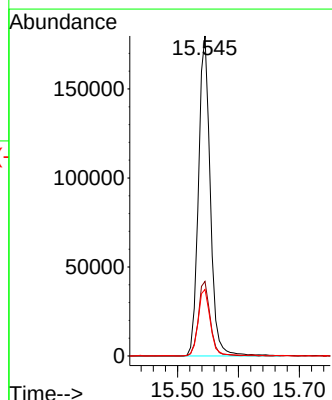
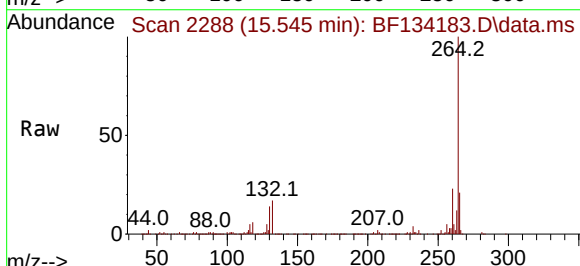
Tgt Ion:264 Resp: 242287

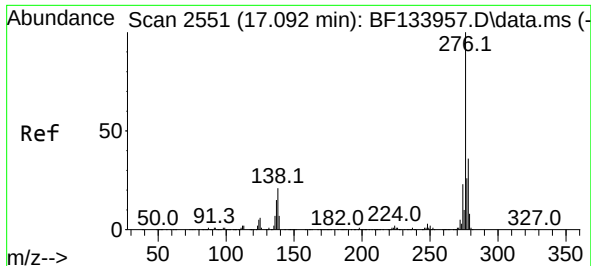
Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

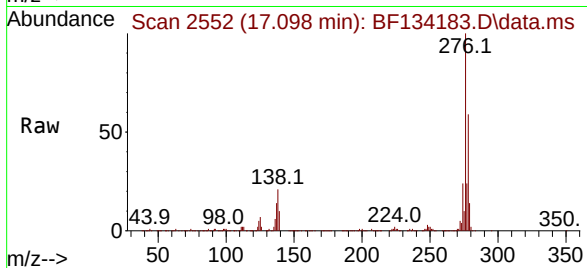
265 20.8 16.6 25.0



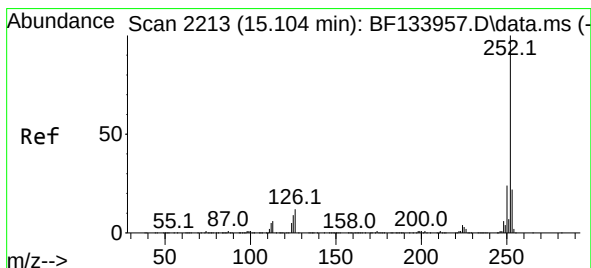
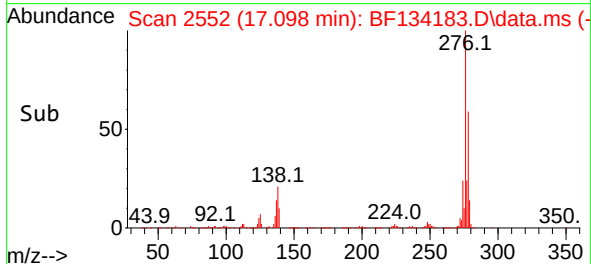
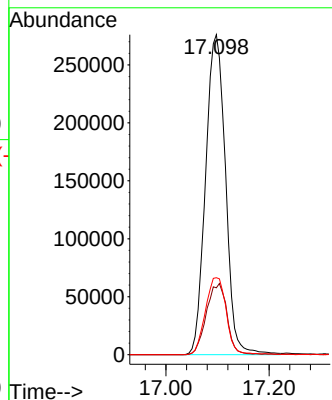


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.034 ng
 RT: 17.098 min Scan# 2112
 Delta R.T. -0.012 min
 Lab File: BF134183.D
 Acq: 10 Jul 2023 13:21

Instrument :
 BNA_F
 ClientSampleId :

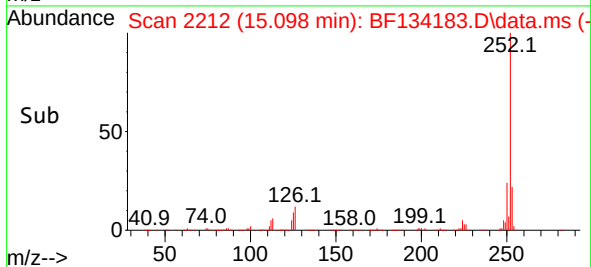
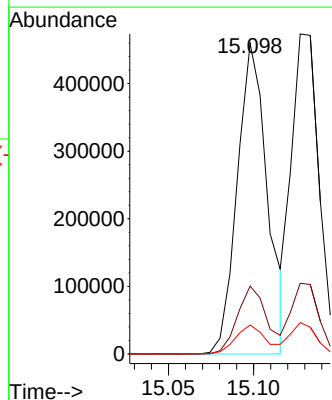
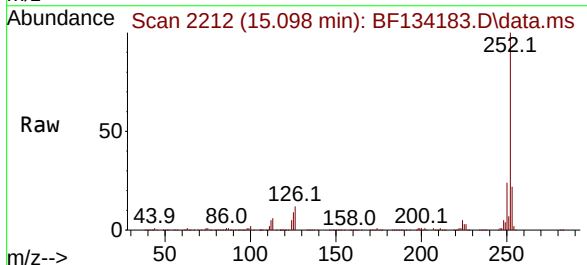


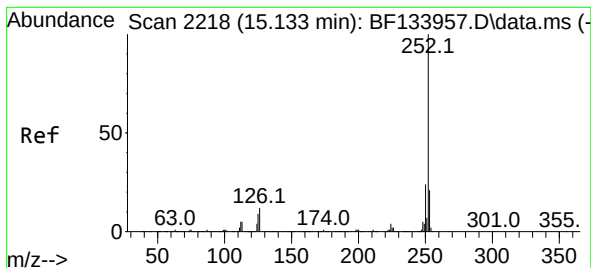
Tgt Ion:276 Resp: 740314
 Ion Ratio Lower Upper
 276 100
 138 23.0 18.7 28.1
 277 25.2 19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 39.681 ng
 RT: 15.098 min Scan# 2212
 Delta R.T. -0.012 min
 Lab File: BF134183.D
 Acq: 10 Jul 2023 13:21

Tgt Ion:252 Resp: 565319
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.4 26.0
 125 9.3 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 38.016 ng

RT: 15.127 min Scan# 2218

Delta R.T. -0.012 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

Instrument :

BNA_F

ClientSampleId :

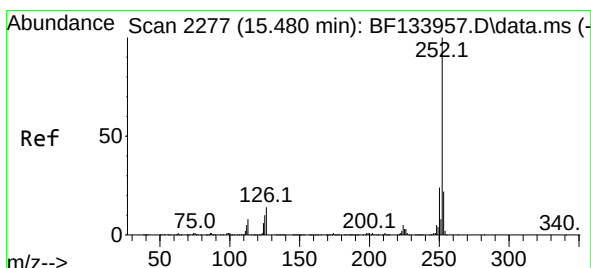
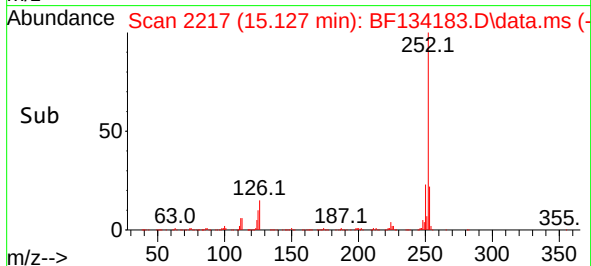
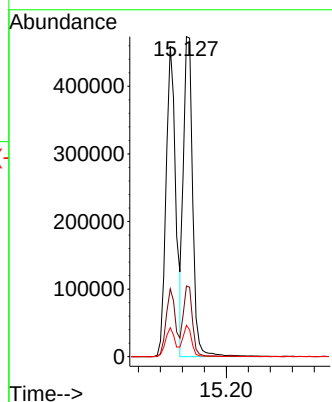
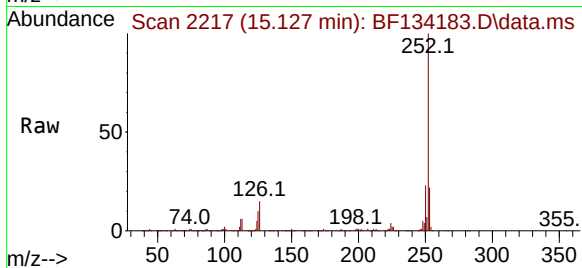
Tgt Ion:252 Resp: 551427

Ion Ratio Lower Upper

252 100

253 22.1 16.9 25.3

125 9.8 7.4 11.2



#90

Benzo(a)pyrene

Concen: 39.546 ng

RT: 15.480 min Scan# 2277

Delta R.T. -0.012 min

Lab File: BF134183.D

Acq: 10 Jul 2023 13:21

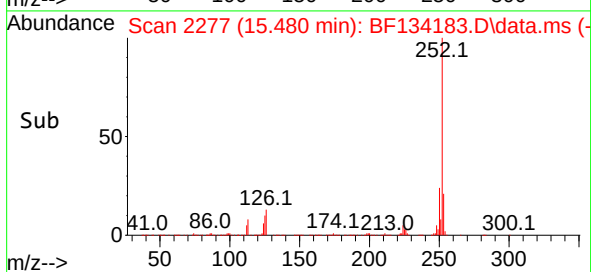
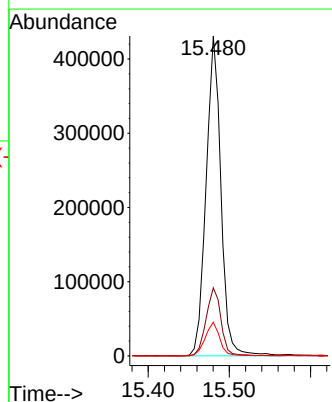
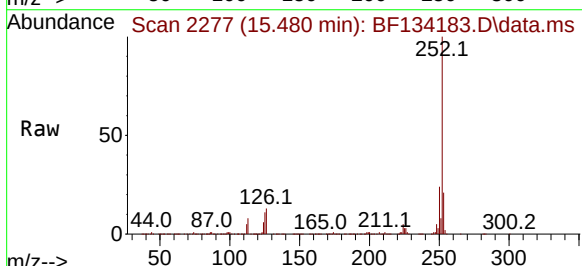
Tgt Ion:252 Resp: 544804

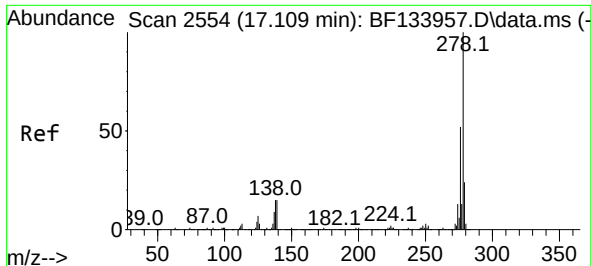
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 10.5 8.4 12.6

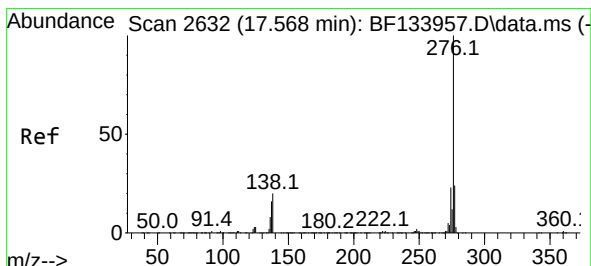
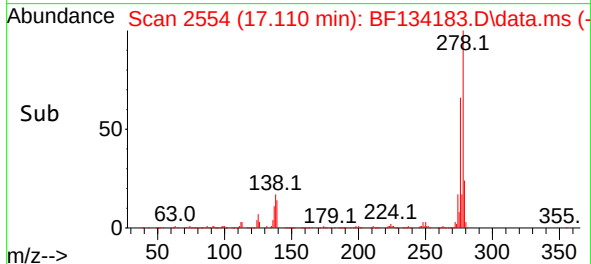
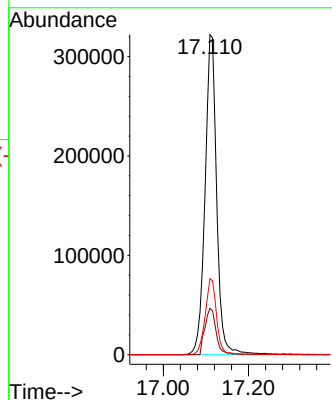
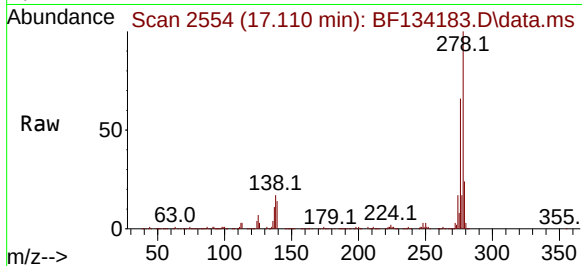




#91
Dibenzo(a,h)anthracene
Concen: 44.518 ng
RT: 17.110 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 611328
Ion Ratio Lower Upper
278 100
139 14.5 12.2 18.4
279 23.8 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 44.490 ng
RT: 17.568 min Scan# 2632
Delta R.T. -0.012 min
Lab File: BF134183.D
Acq: 10 Jul 2023 13:21

Tgt Ion:276 Resp: 630021
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 19.2 16.2 24.2

