

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
 Data File : BF134054.D
 Acq On : 30 Jun 2023 15:55
 Operator : CG\JU
 Sample : PB153792BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153792BS

Quant Time: Jun 30 18:37:45 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	6.851	152	131567	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	517060	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	263835	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	516695	20.000	ng	0.00
76) Chrysene-d12	14.045	240	305303	20.000	ng	0.00
86) Perylene-d12	15.551	264	247843	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	894673	113.750	ng	0.01
7) Phenol-d6	6.498	99	1061389	109.731	ng	0.00
23) Nitrobenzene-d5	7.416	82	744585	77.626	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	379309	114.665	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1382297	76.173	ng	0.00
79) Terphenyl-d14	12.980	244	1663301	87.682	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.763	88	131652	40.595	ng	98
3) Pyridine	3.534	79	292766	34.658	ng	97
4) n-Nitrosodimethylamine	3.493	42	212920	44.132	ng	97
6) Aniline	6.516	93	315983	26.846	ng	# 75
8) 2-Chlorophenol	6.634	128	360061	45.097	ng	99
9) Benzaldehyde	6.398	77	104314	16.605	ng	93
10) Phenol	6.510	94	413208	40.630	ng	83
11) bis(2-Chloroethyl)ether	6.587	93	336609	44.956	ng	99
12) 1,3-Dichlorobenzene	6.793	146	377394	44.336	ng	98
13) 1,4-Dichlorobenzene	6.869	146	384618	44.736	ng	99
14) 1,2-Dichlorobenzene	7.016	146	361217	44.861	ng	100
15) Benzyl Alcohol	6.998	79	330659	44.344	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.128	45	558740	42.181	ng	97
17) 2-Methylphenol	7.110	107	289589	40.504	ng	97
18) Hexachloroethane	7.357	117	148052	46.442	ng	97
19) n-Nitroso-di-n-propyla...	7.269	70	258110	42.078	ng	99
20) 3+4-Methylphenols	7.263	107	350879	40.453	ng	92
22) Acetophenone	7.263	105	506518	43.074	ng	97
24) Nitrobenzene	7.434	77	397335	40.992	ng	93
25) Isophorone	7.675	82	710429	40.753	ng	100
26) 2-Nitrophenol	7.751	139	197130	42.395	ng	97
27) 2,4-Dimethylphenol	7.787	122	318695	43.299	ng	96
28) bis(2-Chloroethoxy)met...	7.881	93	409751	40.593	ng	99
29) 2,4-Dichlorophenol	7.992	162	304215	41.681	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	317829	42.202	ng	99
31) Naphthalene	8.151	128	1004773	40.230	ng	99
32) Benzoic acid	7.928	122	254768	46.192	ng	97
33) 4-Chloroaniline	8.204	127	110413	10.335	ng	97
34) Hexachlorobutadiene	8.263	225	205438	43.244	ng	98
35) Caprolactam	8.587	113	65674	27.328	ng	99
36) 4-Chloro-3-methylphenol	8.692	107	347032	42.324	ng	98
37) 2-Methylnaphthalene	8.845	142	677858	38.380	ng	100
38) 1-Methylnaphthalene	8.945	142	632493	38.522	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	331350	42.391	ng	98
41) Hexachlorocyclopentadiene	8.992	237	360300	97.160	ng	97
43) 2,4,6-Trichlorophenol	9.128	196	219446	41.241	ng	99

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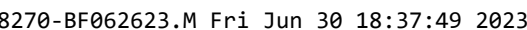
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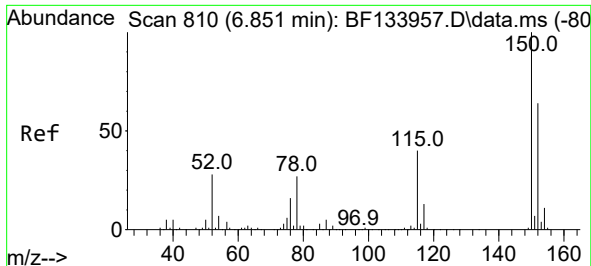
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	235275	37.590	ng	98
46) 1,1'-Biphenyl	9.310	154	871993	41.202	ng	98
47) 2-Chloronaphthalene	9.339	162	636589	41.110	ng	98
48) 2-Nitroaniline	9.439	65	230118	40.776	ng	94
49) Acenaphthylene	9.751	152	1034434	39.106	ng	99
50) Dimethylphthalate	9.616	163	778309	40.639	ng	100
51) 2,6-Dinitrotoluene	9.681	165	171456	41.565	ng	92
52) Acenaphthene	9.928	154	620514	40.427	ng	99
53) 3-Nitroaniline	9.851	138	111548	22.541	ng	92
54) 2,4-Dinitrophenol	9.963	184	210411	87.924	ng	92
55) Dibenzofuran	10.098	168	934538	38.959	ng	97
56) 4-Nitrophenol	10.022	139	269508	77.859	ng	93
57) 2,4-Dinitrotoluene	10.092	165	219589	40.309	ng	90
58) Fluorene	10.445	166	746995	40.027	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.175	232	197369	39.977	ng	92
60) Diethylphthalate	10.316	149	808801	40.535	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	362409	40.296	ng	98
62) 4-Nitroaniline	10.475	138	187466	37.590	ng	93
63) Azobenzene	10.598	77	756125	40.061	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	137851	48.936	ng	94
66) n-Nitrosodiphenylamine	10.557	169	666935	40.399	ng	99
67) 4-Bromophenyl-phenylether	10.928	248	229945	41.870	ng	98
68) Hexachlorobenzene	10.992	284	255971	43.898	ng	97
69) Atrazine	11.086	200	199261	43.636	ng	97
70) Pentachlorophenol	11.192	266	266854	76.540	ng	99
71) Phenanthrene	11.410	178	1070249	41.146	ng	99
72) Anthracene	11.463	178	1087401	40.193	ng	100
73) Carbazole	11.622	167	1036228	41.845	ng	99
74) Di-n-butylphthalate	11.951	149	1289989	43.805	ng	100
75) Fluoranthene	12.610	202	1165146	41.434	ng	98
77) Benzidine	12.727	184	202327	27.852	ng	99
78) Pyrene	12.839	202	1186040	41.743	ng	100
80) Butylbenzylphthalate	13.457	149	497832	46.718	ng	99
81) Benzo(a)anthracene	14.039	228	897452	42.386	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	205365	30.614	ng	99
83) Chrysene	14.074	228	822543	40.109	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	584954	47.773	ng	98
85) Di-n-octyl phthalate	14.639	149	823751	45.785	ng	100
87) Indeno(1,2,3-cd)pyrene	17.110	276	793438	46.136	ng	98
88) Benzo(b)fluoranthene	15.104	252	703986	48.306	ng	99
89) Benzo(k)fluoranthene	15.139	252	663813	44.738	ng	98
90) Benzo(a)pyrene	15.486	252	599289	42.526	ng	98
91) Dibenzo(a,h)anthracene	17.127	278	654660	46.605	ng	97
92) Benzo(g,h,i)perylene	17.580	276	659002	45.493	ng	98

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

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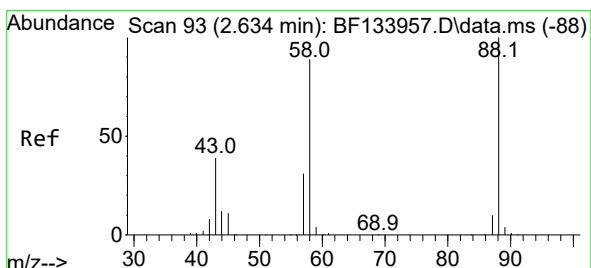
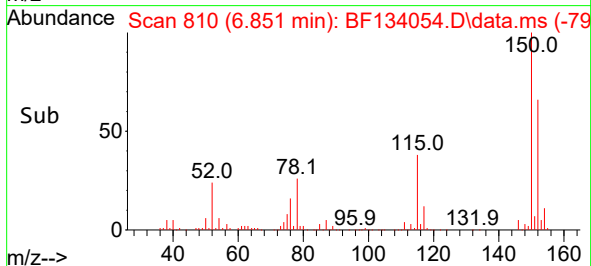
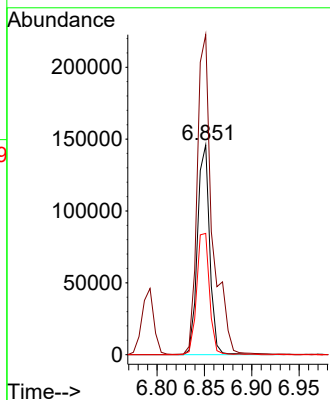
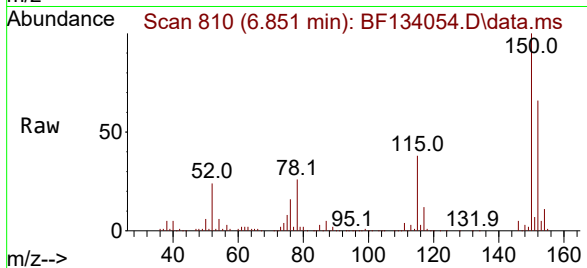




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF134054.D
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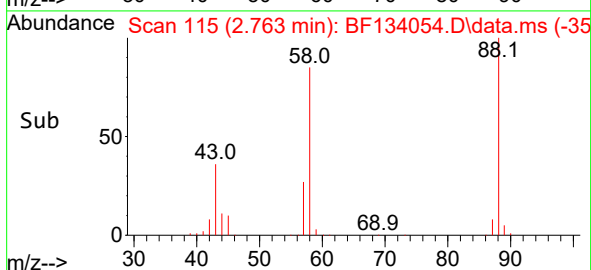
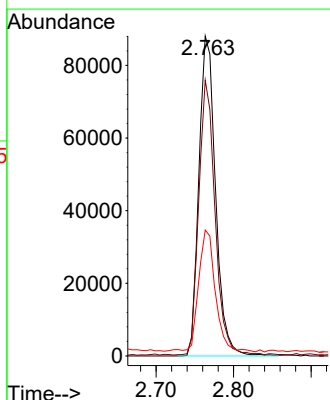
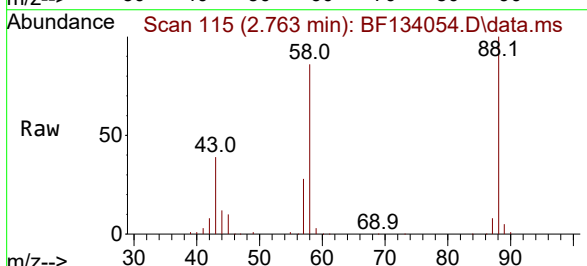
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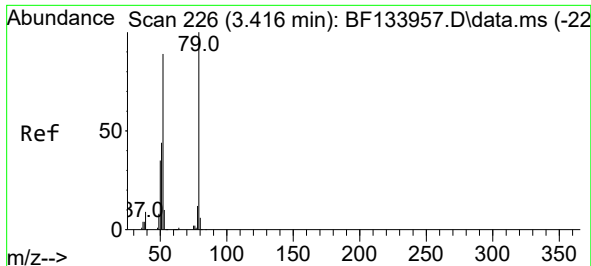
Tgt Ion:152 Resp: 131567
 Ion Ratio Lower Upper
 152 100
 150 152.6 124.5 186.7
 115 57.8 50.2 75.2



#2
 1,4-Dioxane
 Concen: 40.595 ng
 RT: 2.763 min Scan# 115
 Delta R.T. 0.118 min
 Lab File: BF134054.D
 Acq: 30 Jun 2023 15:55

Tgt Ion: 88 Resp: 131652
 Ion Ratio Lower Upper
 88 100
 58 83.8 68.8 103.2
 43 38.5 30.7 46.1





#3

Pyridine

Concen: 34.658 ng

RT: 3.534 min Scan# 246

Delta R.T. 0.100 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

Instrument :

BNA_F

ClientSampleId :

PB153792BS

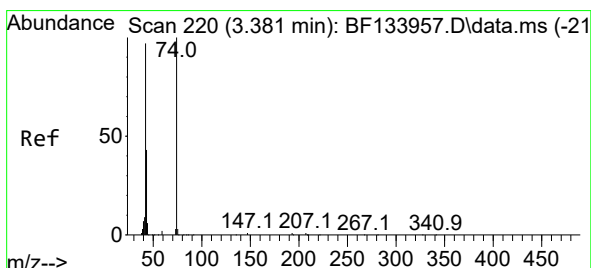
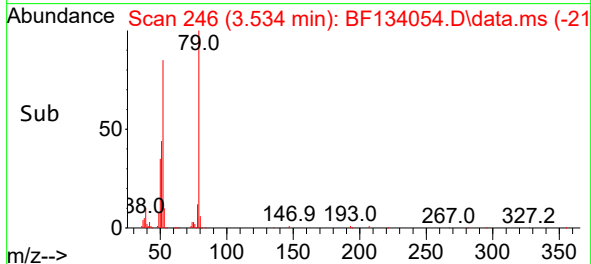
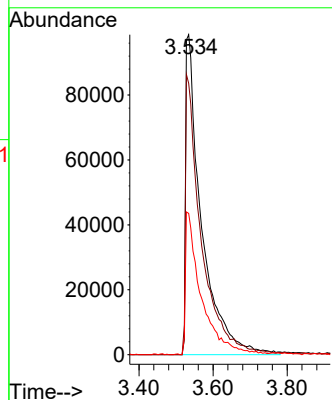
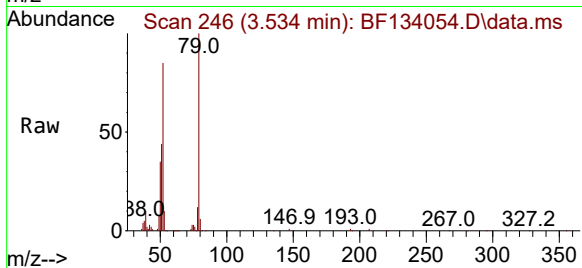
Tgt Ion: 79 Resp: 292766

Ion Ratio Lower Upper

79 100

52 84.8 71.1 106.7

51 44.1 35.2 52.8



#4

n-Nitrosodimethylamine

Concen: 44.132 ng

RT: 3.493 min Scan# 239

Delta R.T. 0.088 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

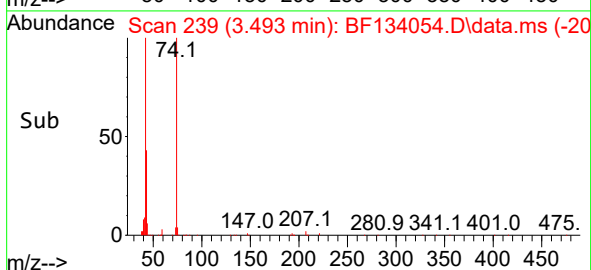
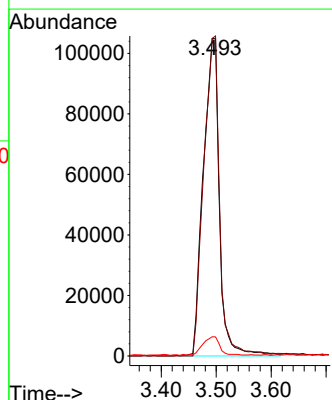
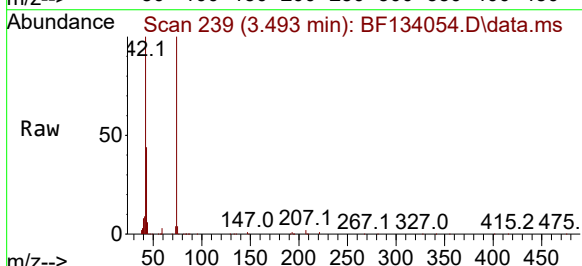
Tgt Ion: 42 Resp: 212920

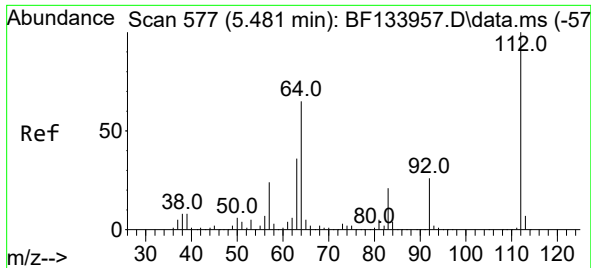
Ion Ratio Lower Upper

42 100

74 100.1 82.4 123.6

44 6.1 4.9 7.3

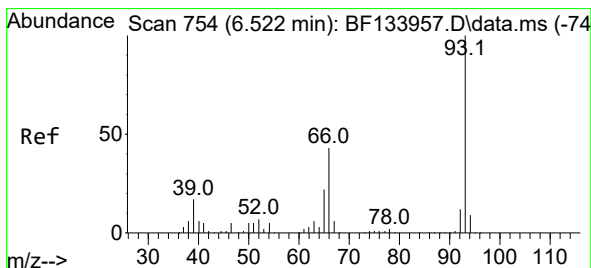
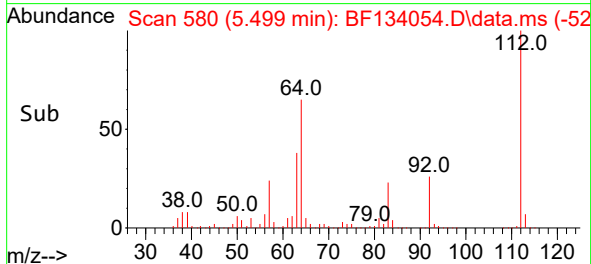
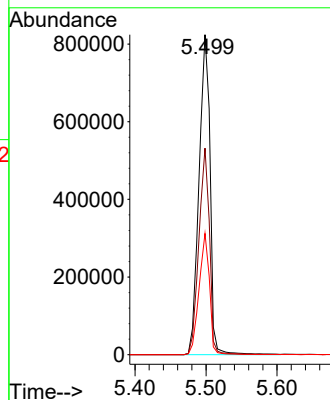
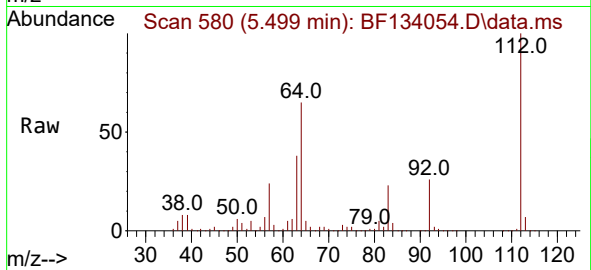




#5
2-Fluorophenol
Concen: 113.750 ng
RT: 5.499 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

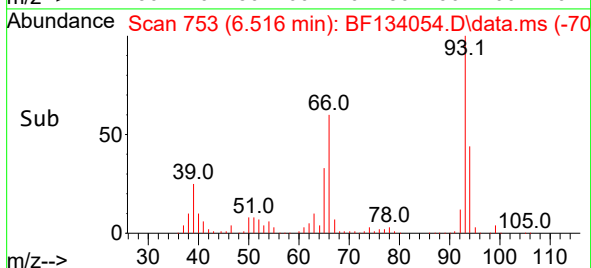
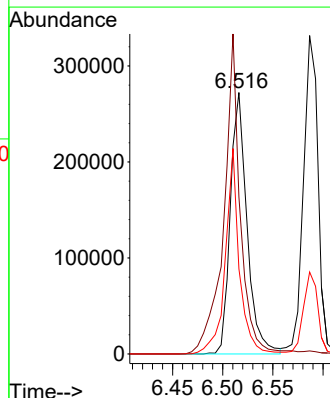
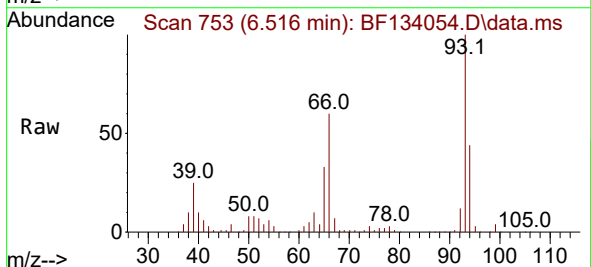
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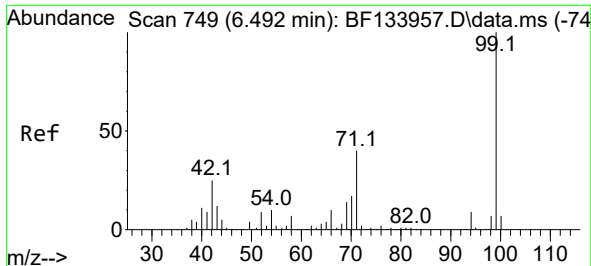
Tgt Ion:112 Resp: 894673
Ion Ratio Lower Upper
112 100
64 64.6 52.1 78.1
63 37.9 28.6 42.8



#6
Aniline
Concen: 26.846 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion: 93 Resp: 315983
Ion Ratio Lower Upper
93 100
66 60.0 34.5 51.7#
65 32.6 17.8 26.6#

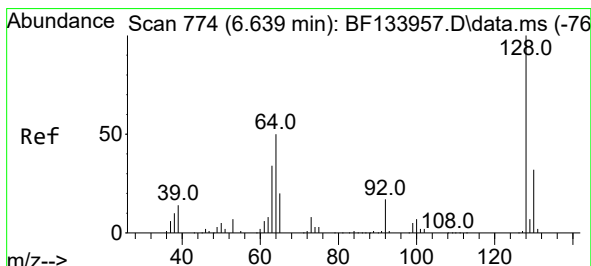
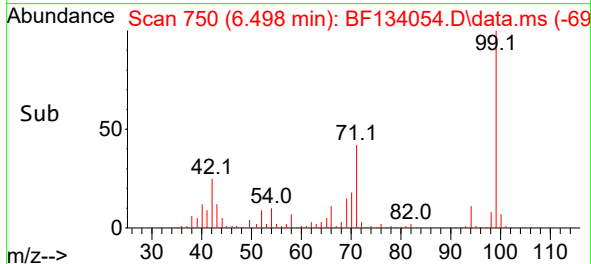
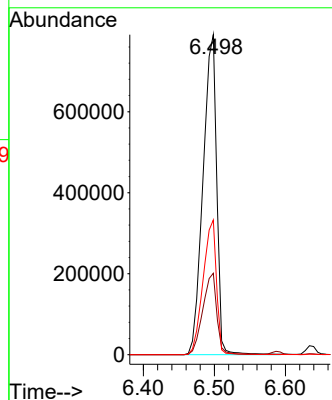
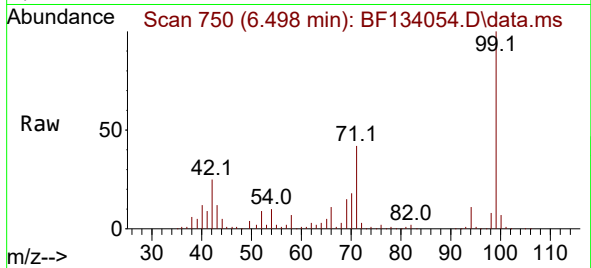




#7
Phenol-d6
Concen: 109.731 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

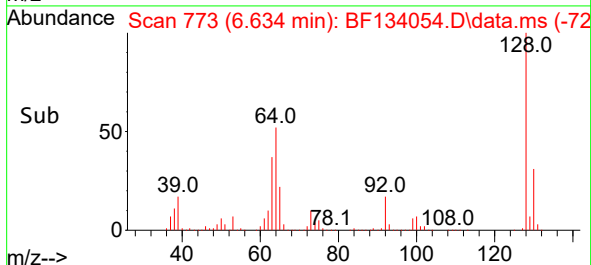
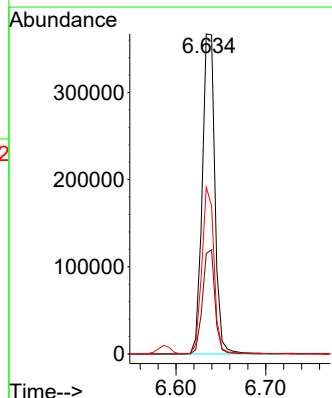
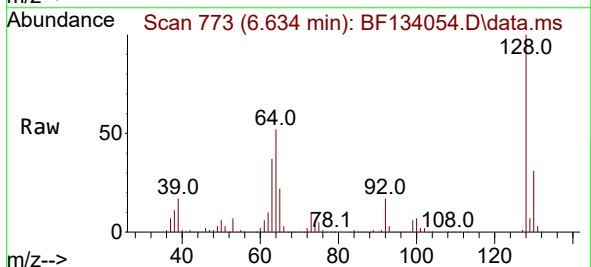
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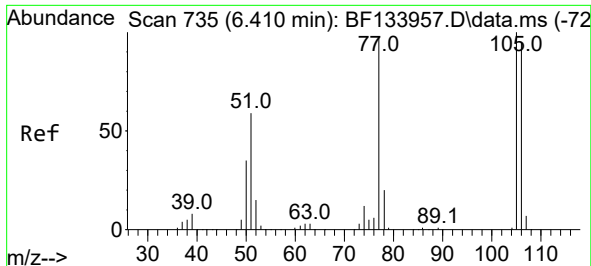
Tgt Ion: 99 Resp: 1061389
Ion Ratio Lower Upper
99 100
42 25.5 19.8 29.6
71 42.1 31.9 47.9



#8
2-Chlorophenol
Concen: 45.097 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion: 128 Resp: 360061
Ion Ratio Lower Upper
128 100
130 31.5 11.7 51.7
64 52.1 31.3 71.3

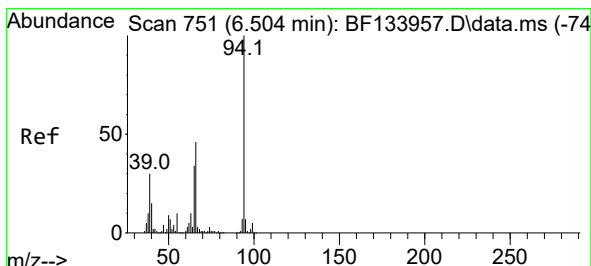
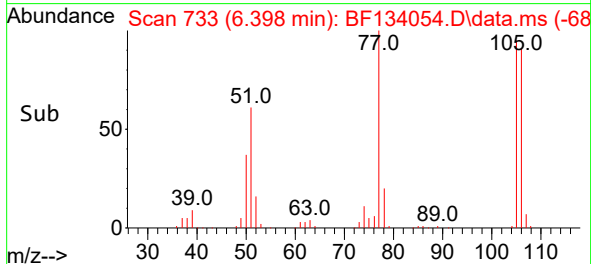
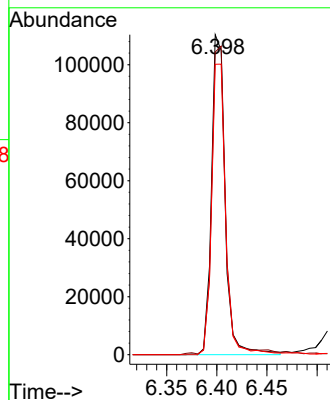
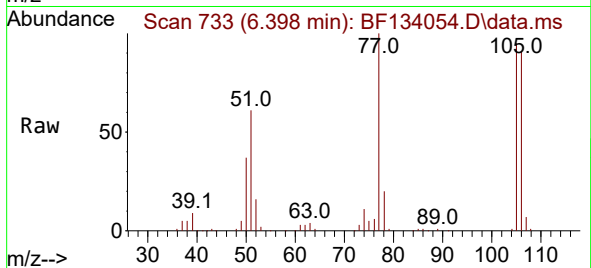




#9
Benzaldehyde
Concen: 16.605 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

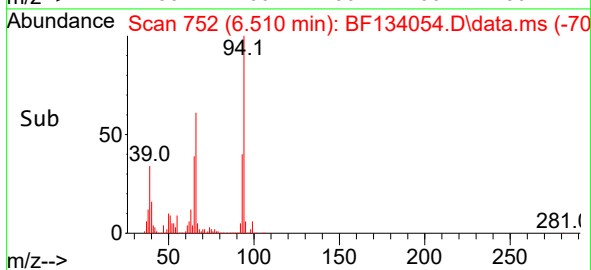
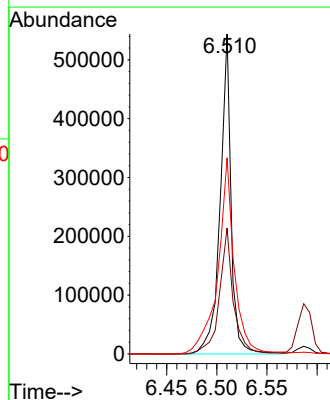
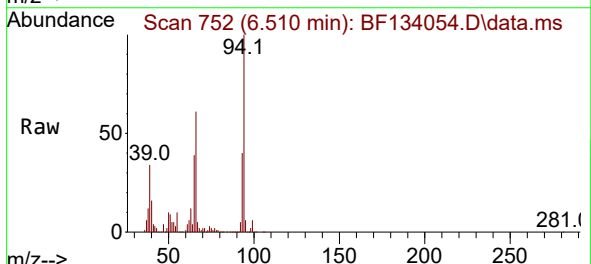
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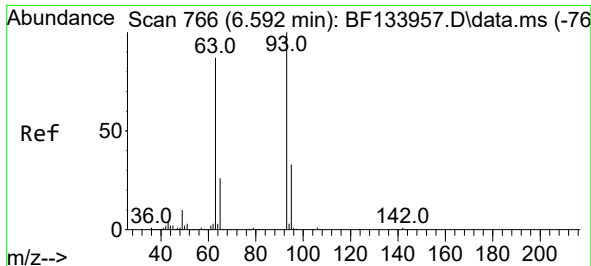
Tgt Ion: 77 Resp: 104314
Ion Ratio Lower Upper
77 100
105 94.6 82.0 122.0
106 90.7 76.9 116.9



#10
Phenol
Concen: 40.630 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion: 94 Resp: 413208
Ion Ratio Lower Upper
94 100
65 39.3 14.2 54.2
66 61.3 26.4 66.4

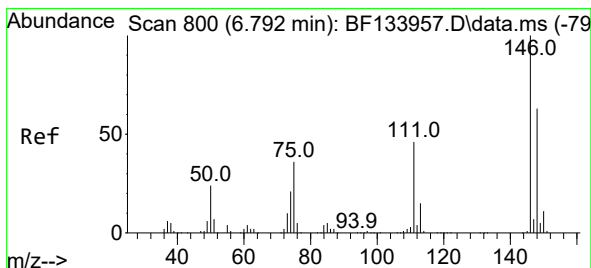
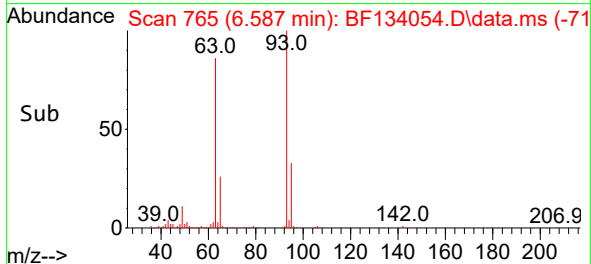
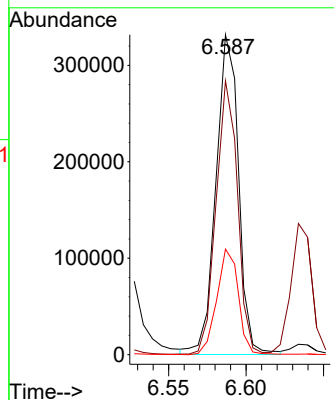
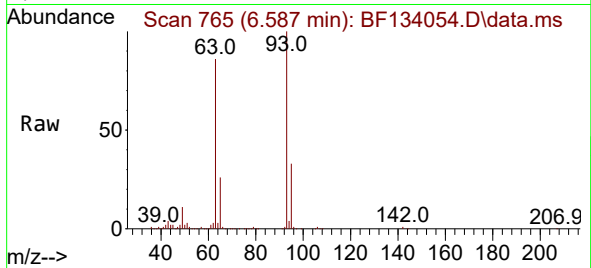




#11
bis(2-Chloroethyl)ether
Concen: 44.956 ng
RT: 6.587 min Scan# 709
Delta R.T. -0.006 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

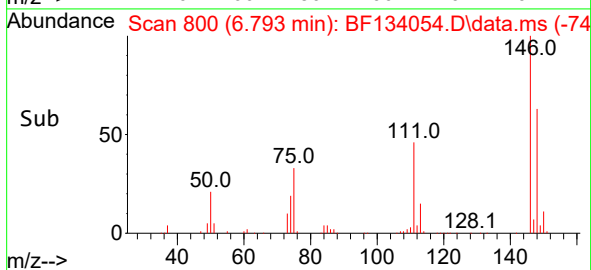
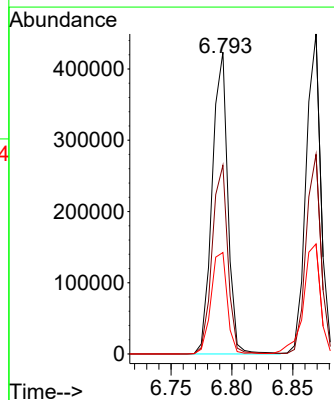
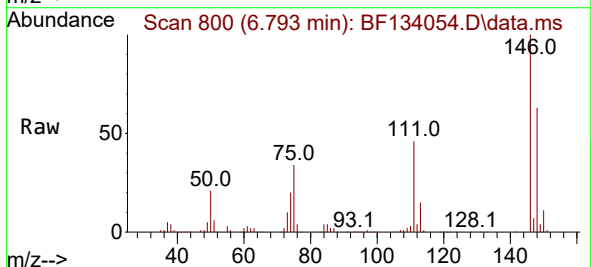
Instrument :
BNA_F
ClientSampleId :
PB153792BS

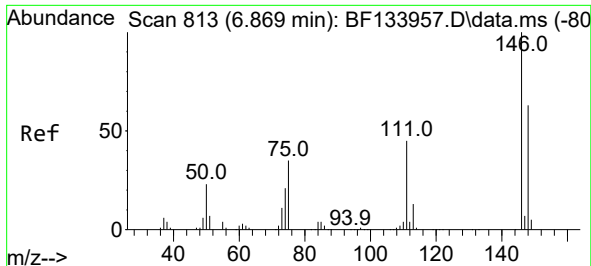
Tgt Ion: 93 Resp: 336609
Ion Ratio Lower Upper
93 100
63 85.6 66.5 106.5
95 33.0 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 44.336 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion:146 Resp: 377394
Ion Ratio Lower Upper
146 100
148 62.5 50.5 75.7
75 33.6 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 44.736 ng

RT: 6.869 min Scan# 813

Delta R.T. 0.000 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

Instrument :

BNA_F

ClientSampleId :

PB153792BS

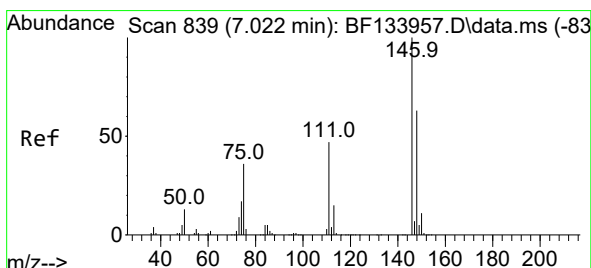
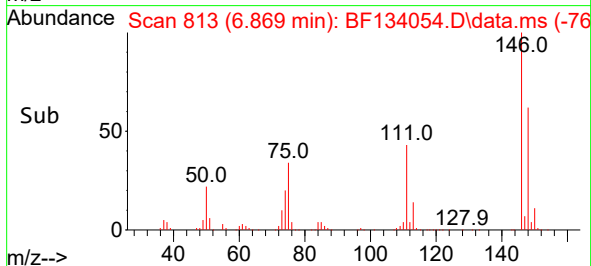
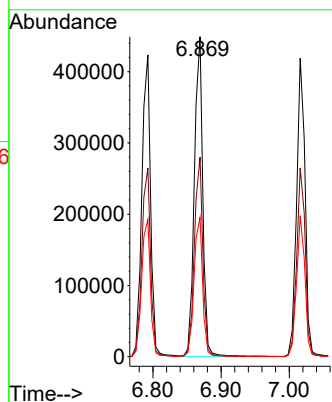
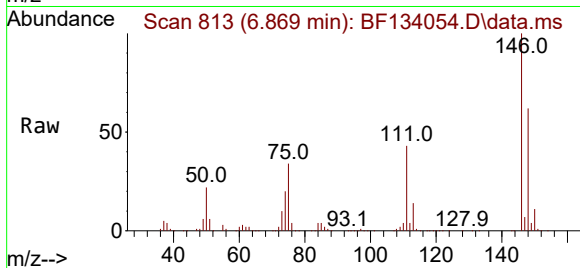
Tgt Ion:146 Resp: 384618

Ion Ratio Lower Upper

146 100

148 62.4 50.2 75.2

111 43.5 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 44.861 ng

RT: 7.016 min Scan# 838

Delta R.T. -0.006 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

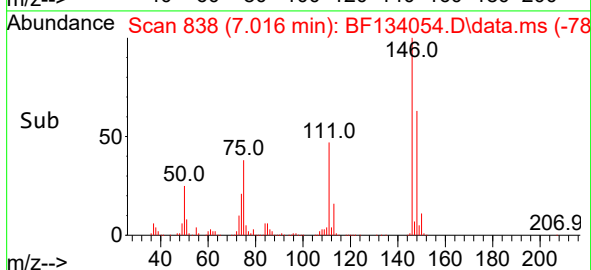
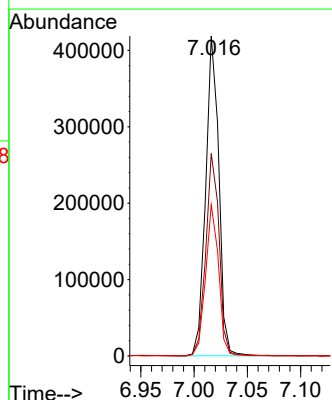
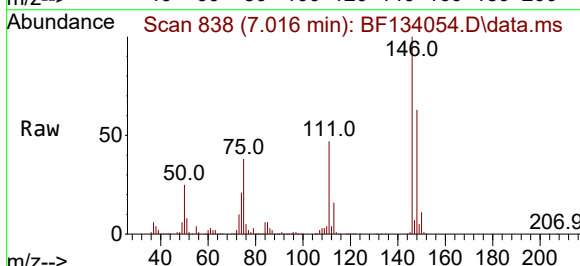
Tgt Ion:146 Resp: 361217

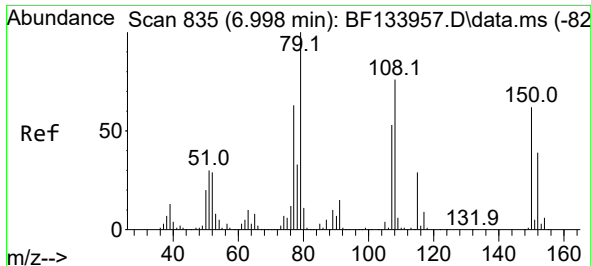
Ion Ratio Lower Upper

146 100

148 63.2 50.6 76.0

111 47.3 38.0 57.0

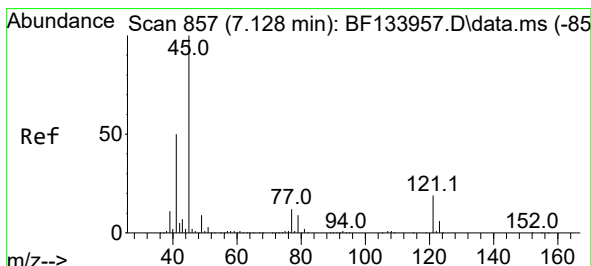
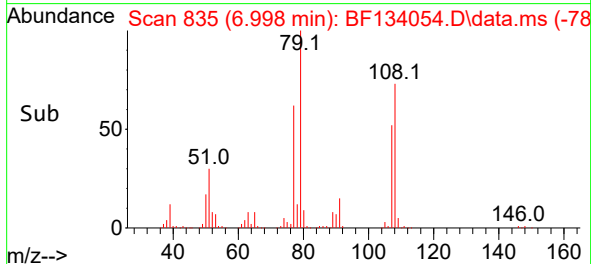
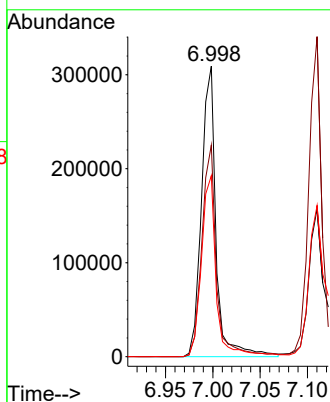
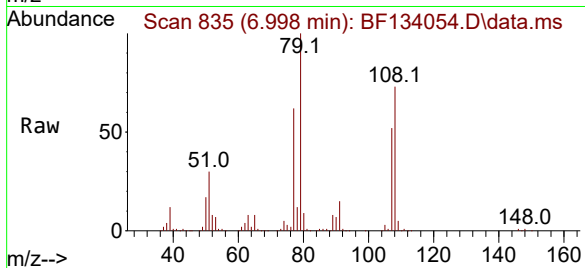




#15
Benzyl Alcohol
Concen: 44.344 ng
RT: 6.998 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

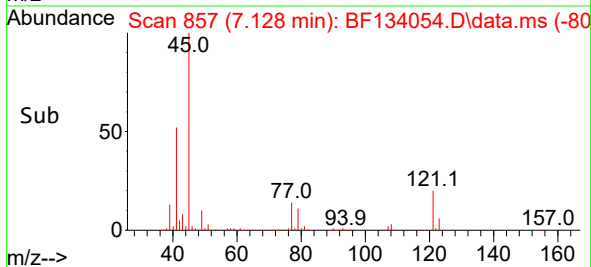
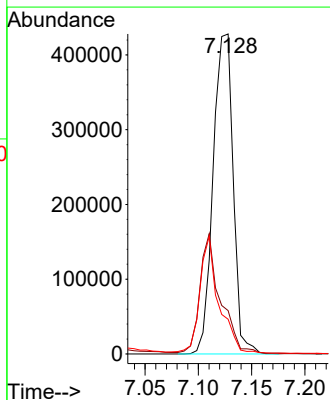
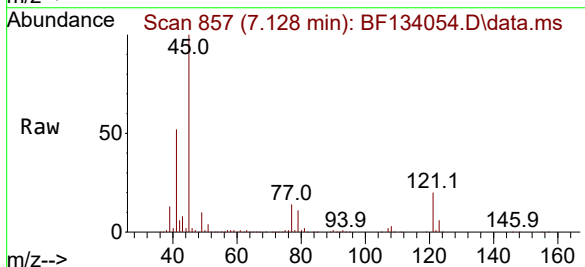
Instrument :
BNA_F
ClientSampleId :
PB153792BS

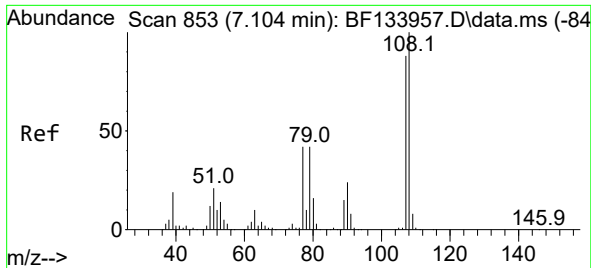
Tgt Ion: 79 Resp: 330659
Ion Ratio Lower Upper
79 100
108 72.8 60.7 91.1
77 62.3 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.181 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion: 45 Resp: 558740
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.9
79 10.9 0.0 29.5

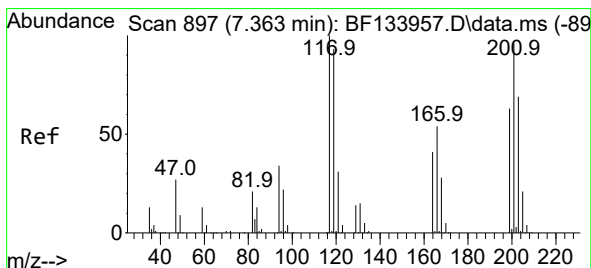
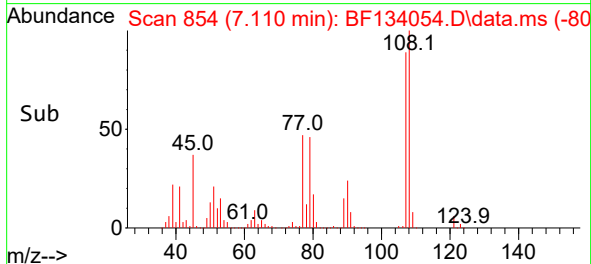
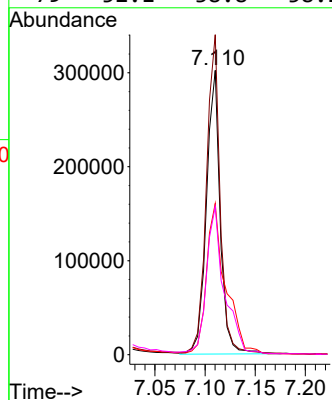
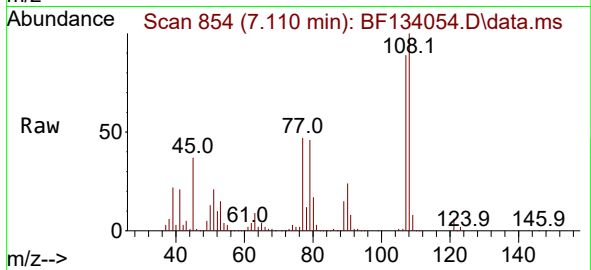




#17
2-Methylphenol
Concen: 40.504 ng
RT: 7.110 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

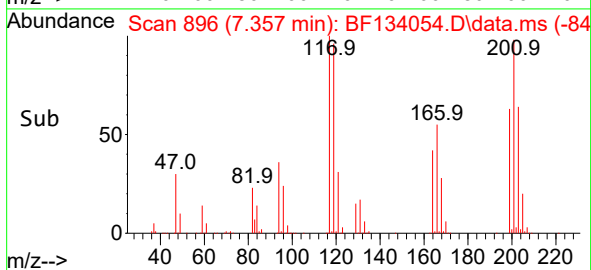
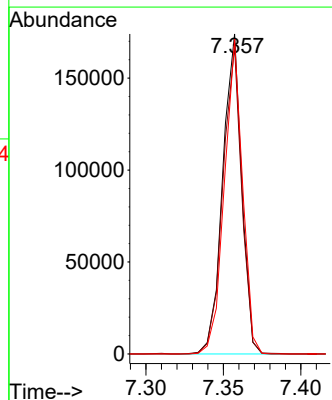
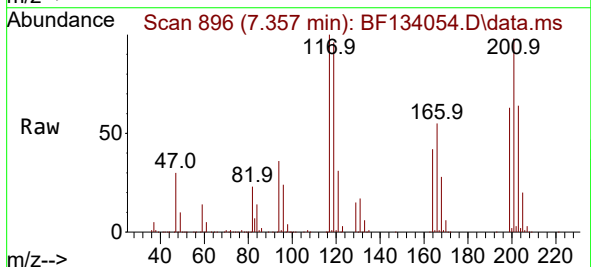
Instrument :
BNA_F
ClientSampleId :
PB153792BS

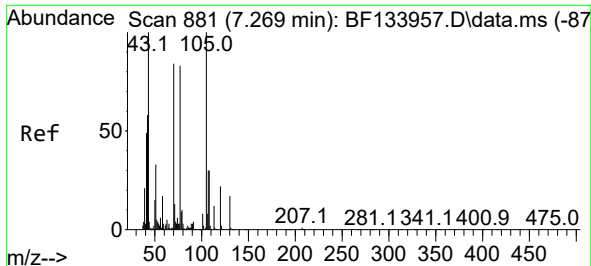
Tgt Ion:107 Resp: 289589
Ion Ratio Lower Upper
107 100
108 112.5 90.6 136.0
77 53.2 38.3 57.5
79 52.1 38.8 58.2



#18
Hexachloroethane
Concen: 46.442 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion:117 Resp: 148052
Ion Ratio Lower Upper
117 100
119 95.9 74.2 111.4
201 98.4 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.078 ng

RT: 7.269 min Scan# 881

Delta R.T. 0.000 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

Instrument :

BNA_F

ClientSampleId :

PB153792BS

Tgt Ion: 70 Resp: 258110

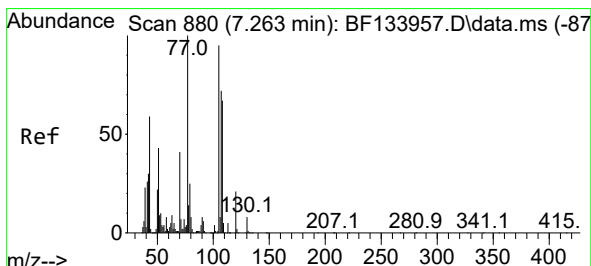
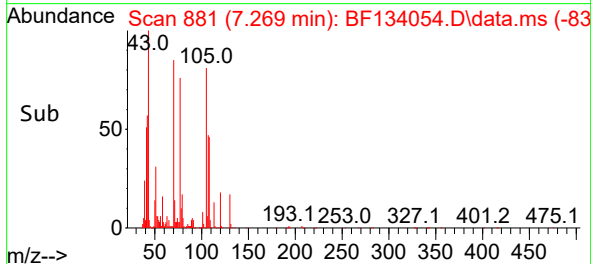
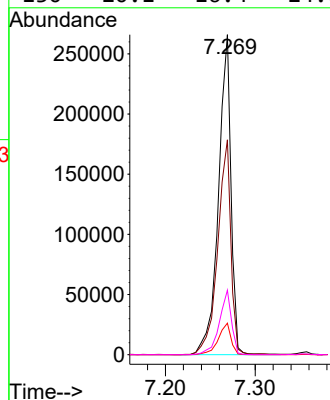
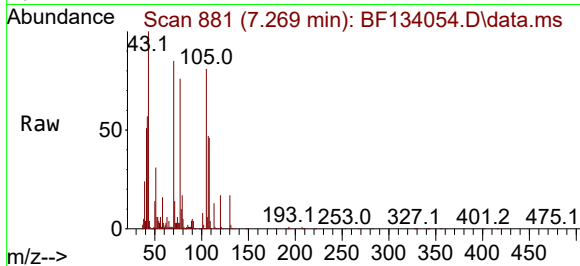
Ion Ratio Lower Upper

70 100

42 67.1 54.7 82.1

101 9.9 7.7 11.5

130 20.1 16.4 24.6



#20

3+4-Methylphenols

Concen: 40.453 ng

RT: 7.263 min Scan# 880

Delta R.T. 0.000 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

Tgt Ion: 107 Resp: 350879

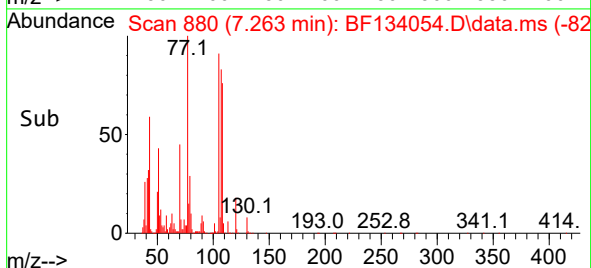
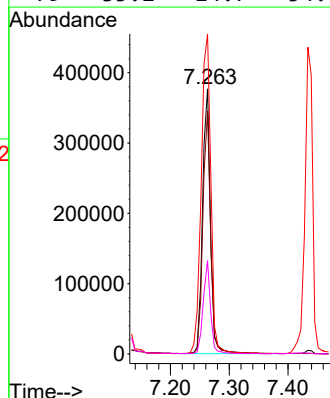
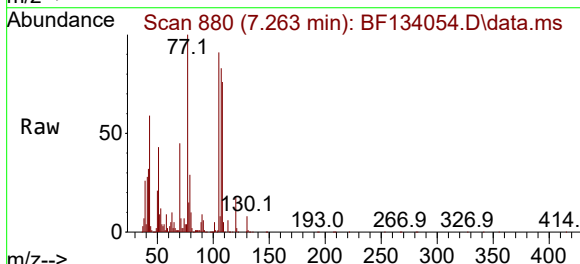
Ion Ratio Lower Upper

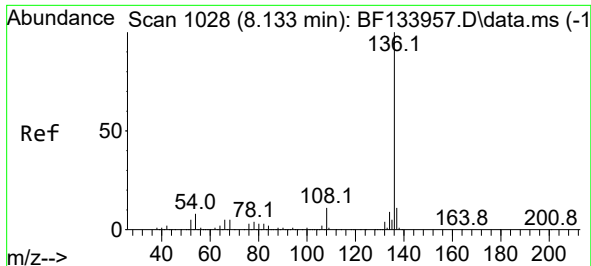
107 100

108 91.7 73.2 113.2

77 120.7 118.3 158.3

79 35.2 14.7 54.7



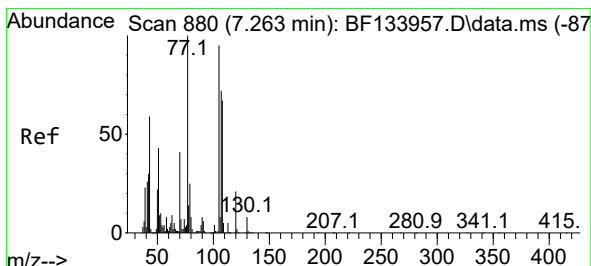
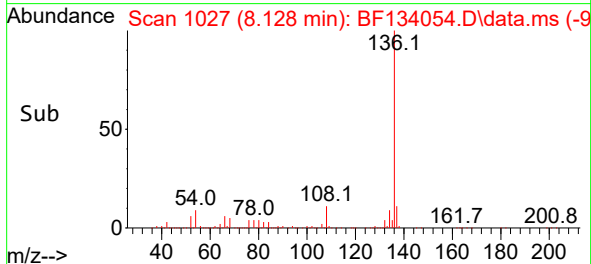
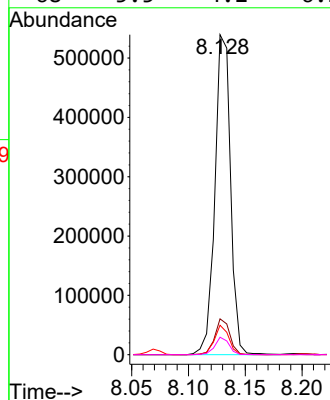
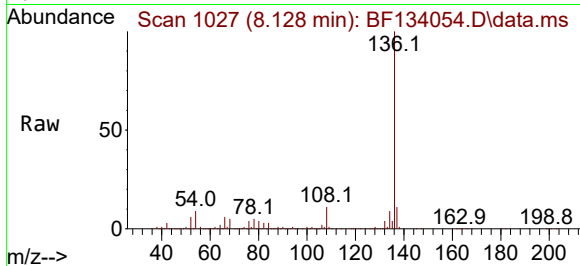


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Instrument :
BNA_F
ClientSampleId :
PB153792BS

Tgt Ion:136 Resp: 517060

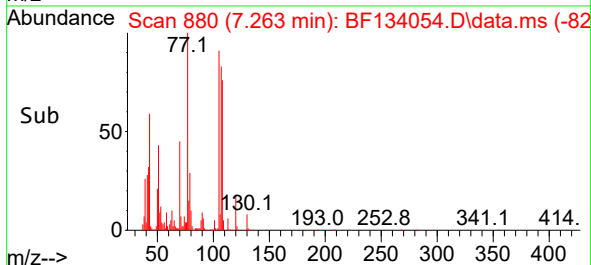
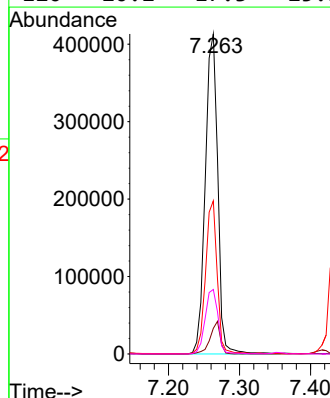
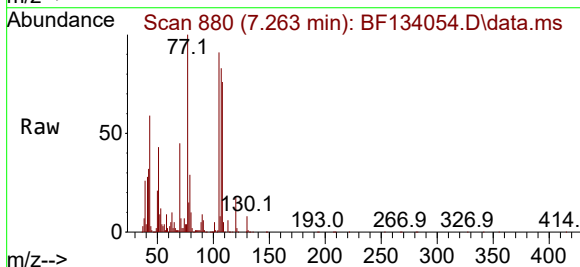
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	9.2	6.5	9.7
68	5.5	4.2	6.2

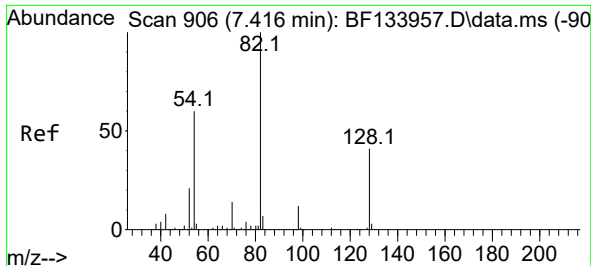


#22
Acetophenone
Concen: 43.074 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion:105 Resp: 506518

Ion	Ratio	Lower	Upper
105	100		
71	8.0	5.5	8.3
51	47.8	36.5	54.7
120	20.2	17.3	25.9





#23

Nitrobenzene-d5

Concen: 77.626 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

Instrument :

BNA_F

ClientSampleId :

PB153792BS

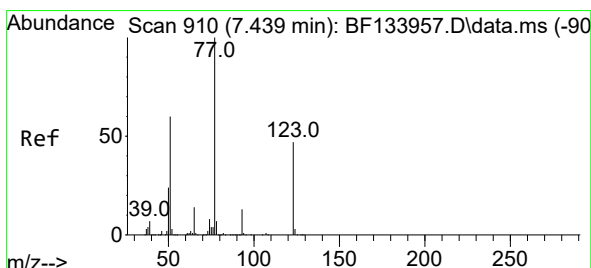
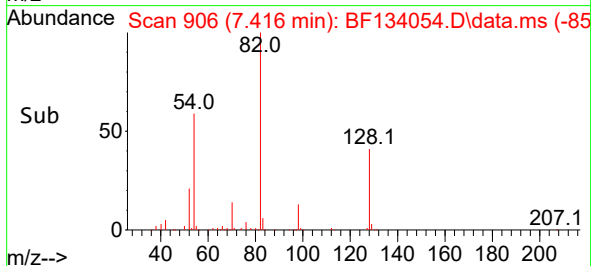
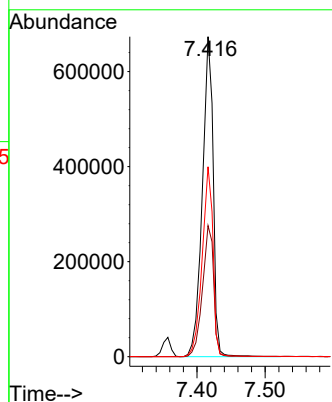
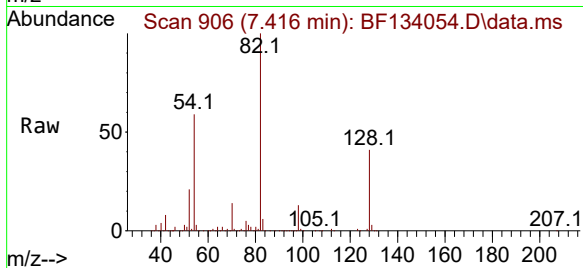
Tgt Ion: 82 Resp: 744585

Ion Ratio Lower Upper

82 100

128 41.0 32.5 48.7

54 59.4 48.2 72.2



#24

Nitrobenzene

Concen: 40.992 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

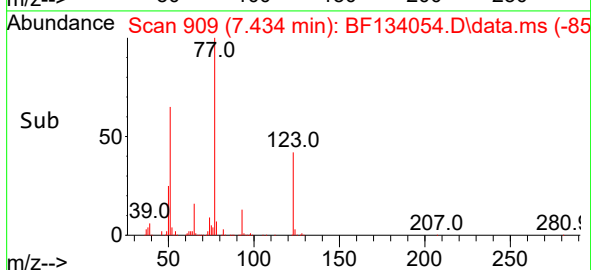
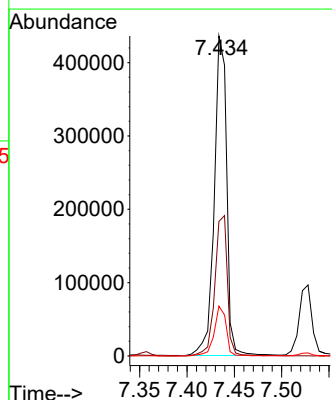
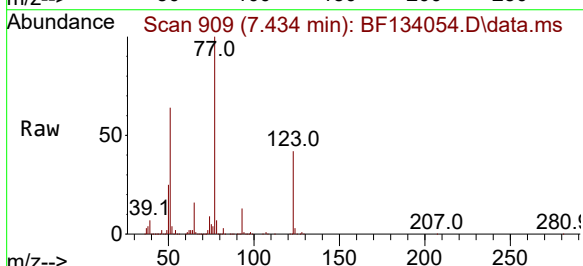
Tgt Ion: 77 Resp: 397335

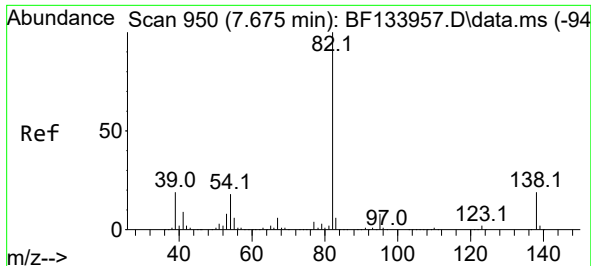
Ion Ratio Lower Upper

77 100

123 42.1 37.8 56.6

65 15.5 11.3 16.9

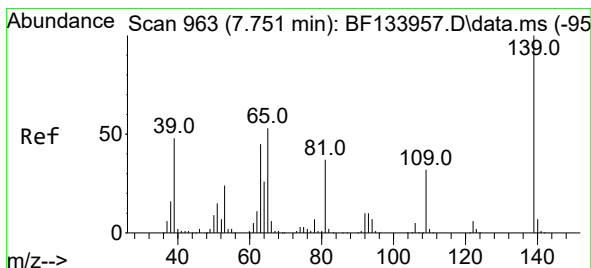
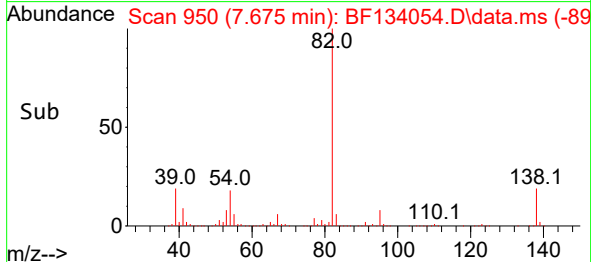
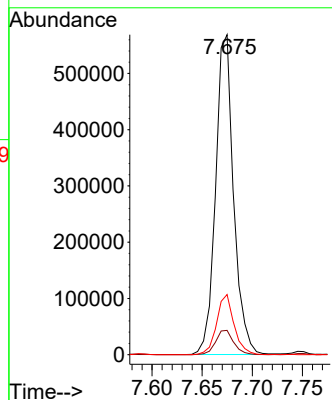
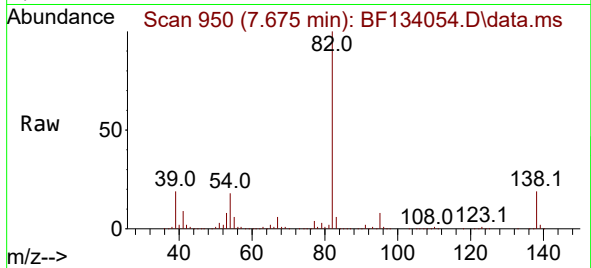




#25
Isophorone
Concen: 40.753 ng
RT: 7.675 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

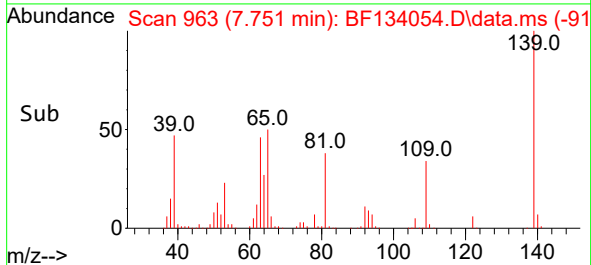
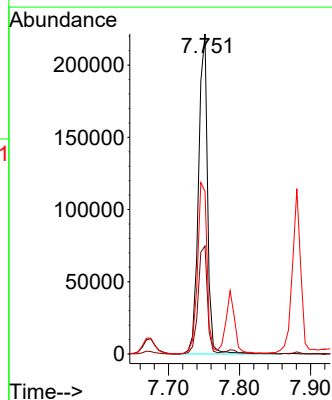
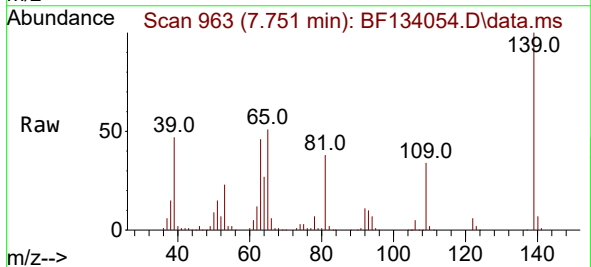
Instrument :
BNA_F
ClientSampleId :
PB153792BS

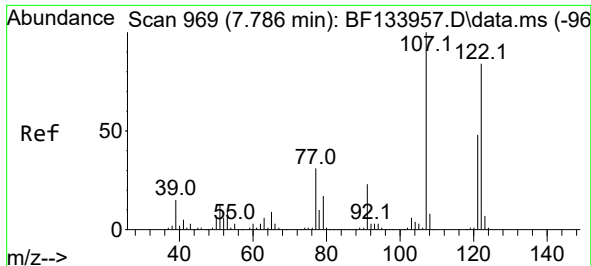
Tgt Ion: 82 Resp: 710429
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 18.8 15.2 22.8



#26
2-Nitrophenol
Concen: 42.395 ng
RT: 7.751 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion:139 Resp: 197130
Ion Ratio Lower Upper
139 100
109 33.8 25.8 38.8
65 50.8 42.4 63.6

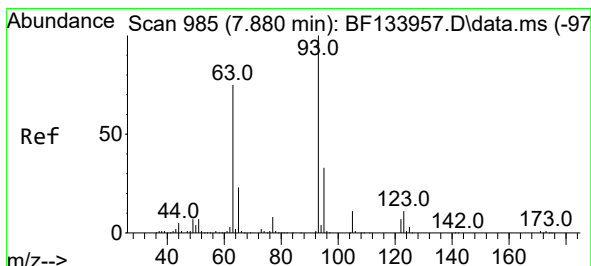
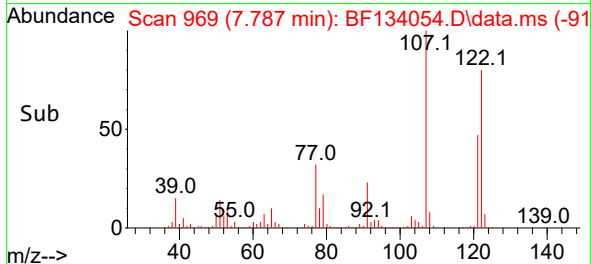
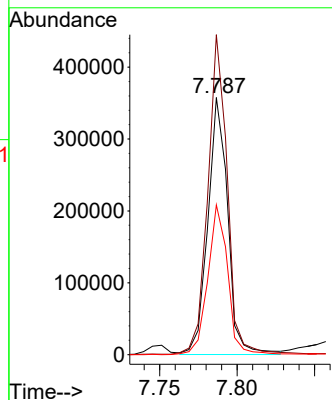
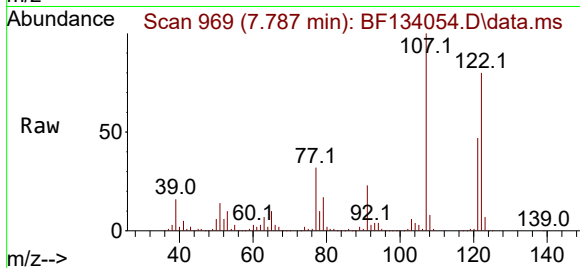




#27
2,4-Dimethylphenol
Concen: 43.299 ng
RT: 7.787 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

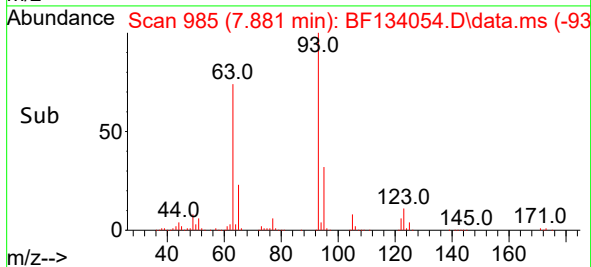
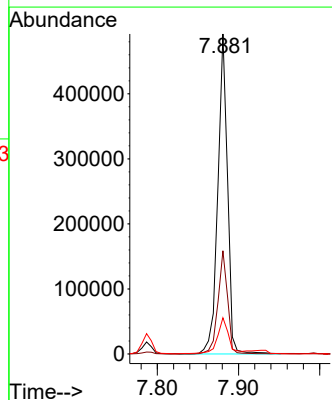
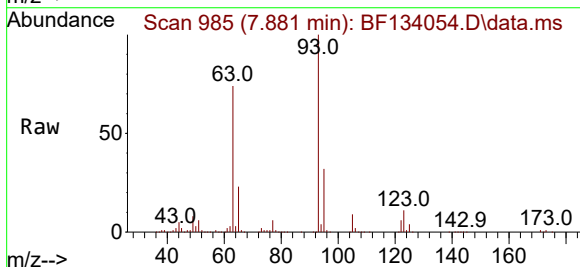
Instrument :
BNA_F
ClientSampleId :
PB153792BS

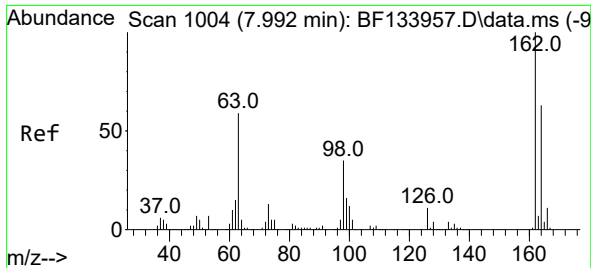
Tgt Ion:122 Resp: 318695
Ion Ratio Lower Upper
122 100
107 124.5 95.5 143.3
121 58.3 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 40.593 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion: 93 Resp: 409751
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.681 ng

RT: 7.992 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

Instrument :

BNA_F

ClientSampleId :

PB153792BS

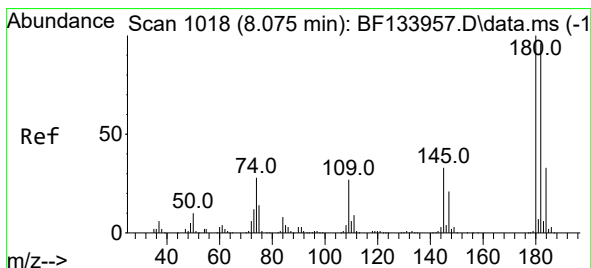
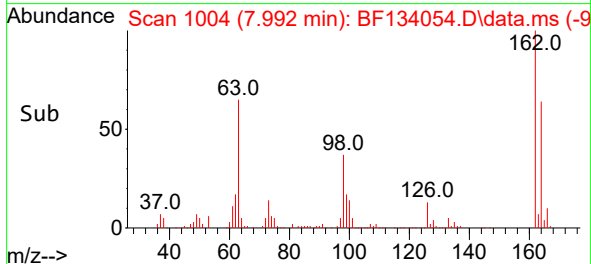
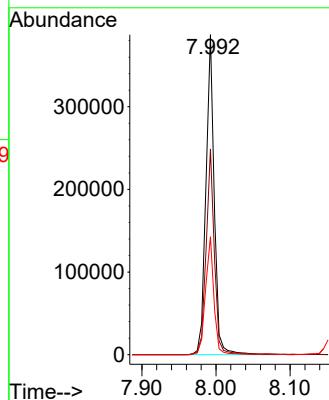
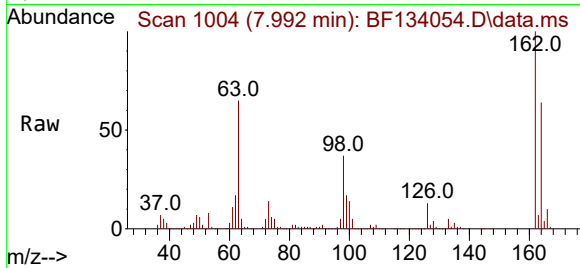
Tgt Ion:162 Resp: 304215

Ion Ratio Lower Upper

162 100

164 64.3 43.2 83.2

98 36.9 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 42.202 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

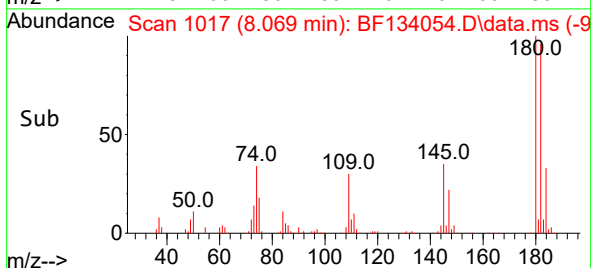
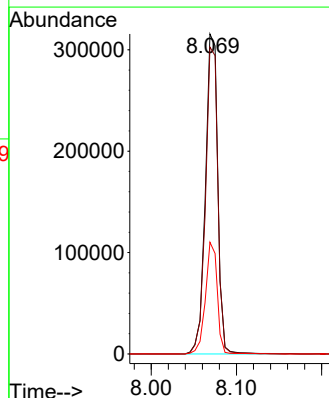
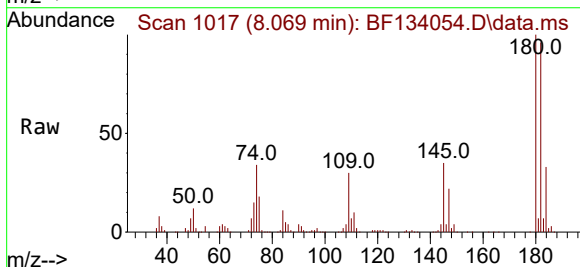
Tgt Ion:180 Resp: 317829

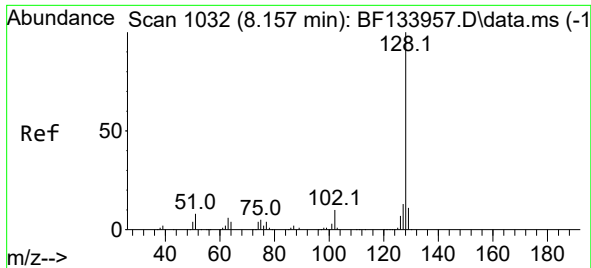
Ion Ratio Lower Upper

180 100

182 95.9 77.1 115.7

145 34.9 26.0 39.0

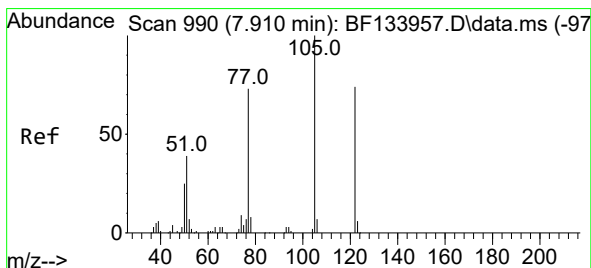
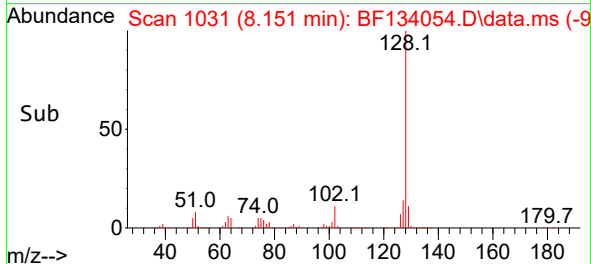
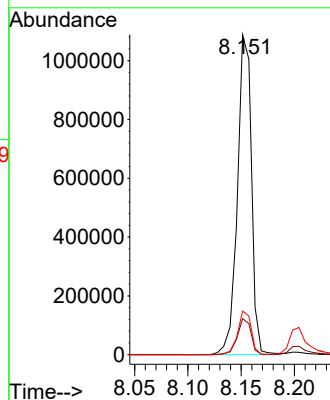
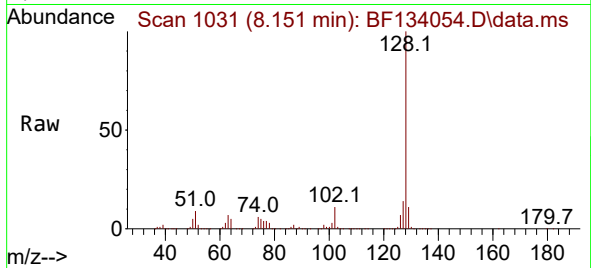




#31
Naphthalene
Concen: 40.230 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

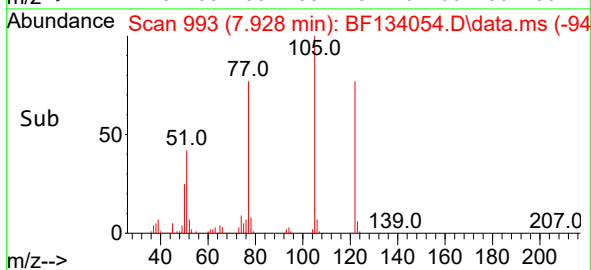
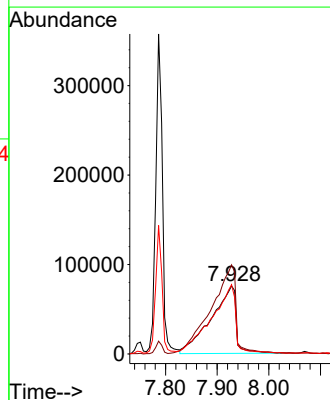
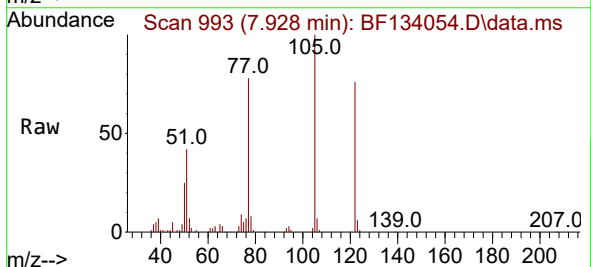
Instrument :
BNA_F
ClientSampleId :
PB153792BS

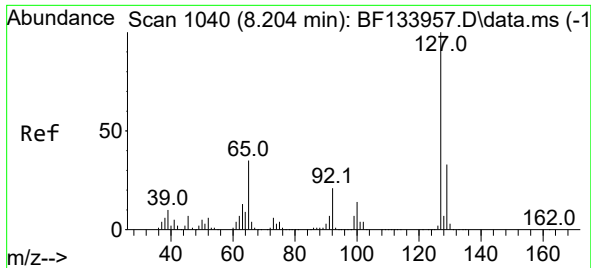
Tgt Ion:128 Resp: 1004773
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.6 10.6 15.8



#32
Benzoic acid
Concen: 46.192 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion:122 Resp: 254768
Ion Ratio Lower Upper
122 100
105 130.9 109.7 149.7
77 101.7 76.0 116.0

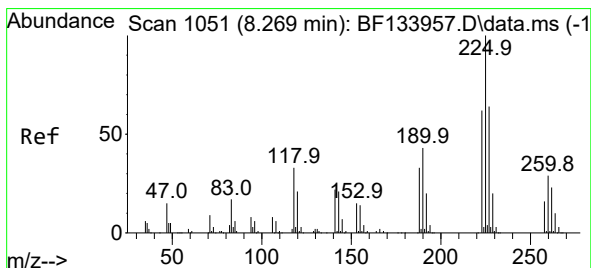
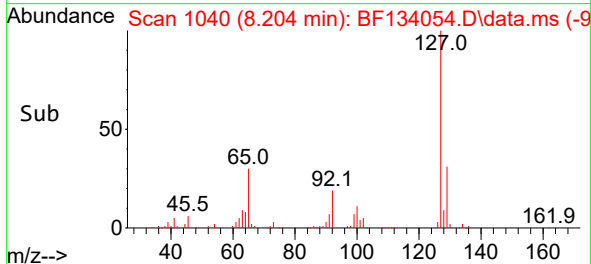
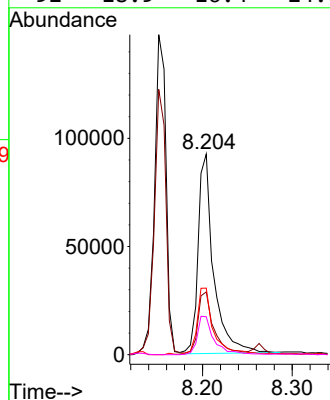
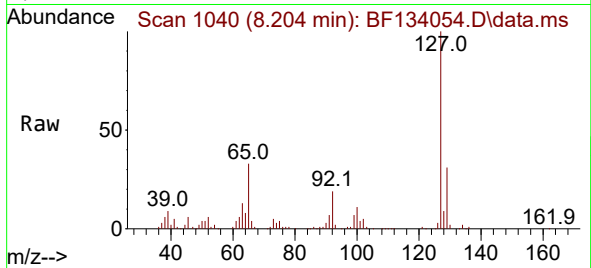




#33
4-Chloroaniline
Concen: 10.335 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

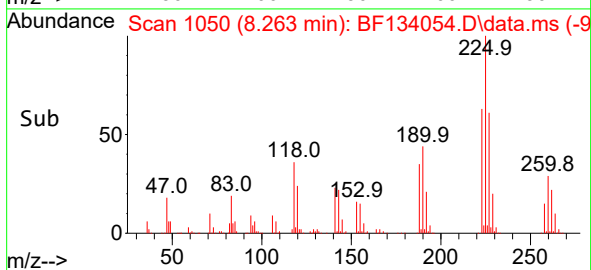
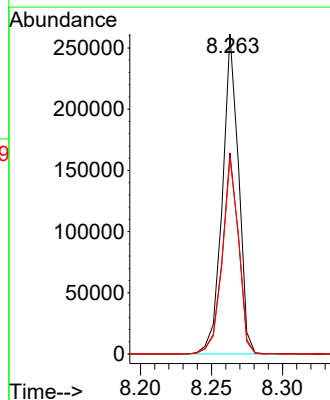
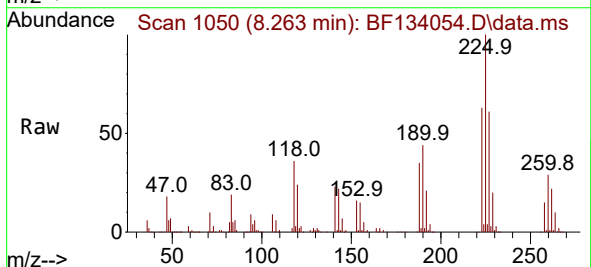
Instrument :
BNA_F
ClientSampleId :
PB153792BS

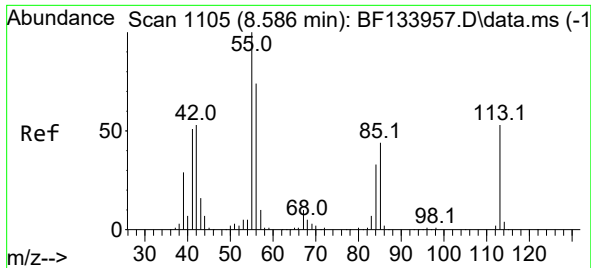
Tgt Ion:	127	Resp:	110413
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.4	39.6
65	33.2	27.8	41.8
92	18.9	16.4	24.6



#34
Hexachlorobutadiene
Concen: 43.244 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion:	225	Resp:	205438
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.8	74.8
227	61.3	51.0	76.4

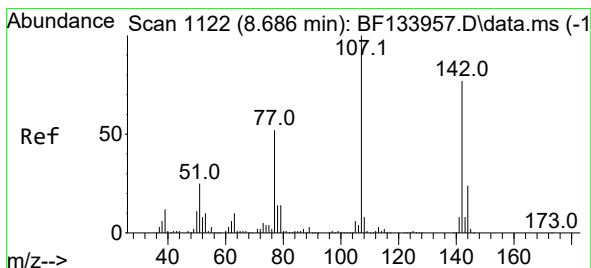
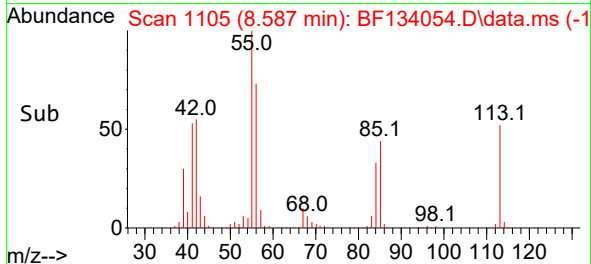
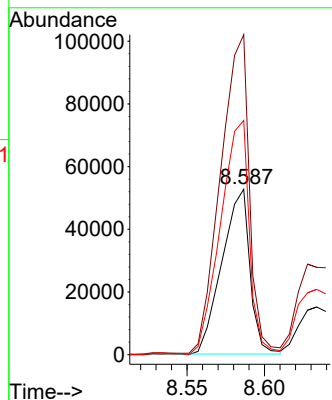
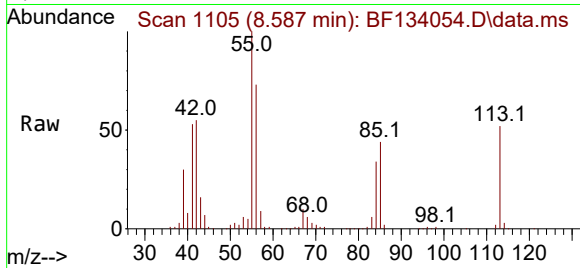




#35
 Caprolactam
 Concen: 27.328 ng
 RT: 8.587 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF134054.D
 Acq: 30 Jun 2023 15:55

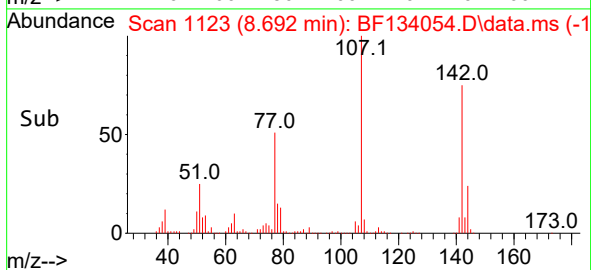
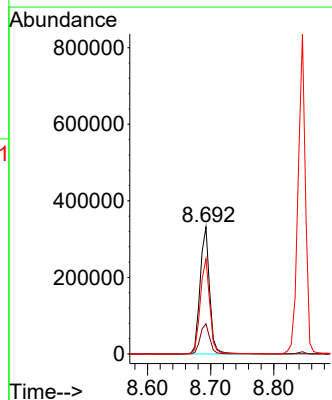
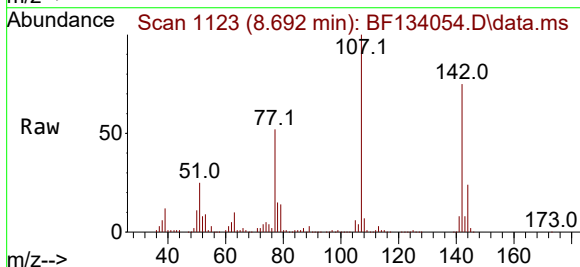
Instrument :
 BNA_F
 ClientSampleId :
 PB153792BS

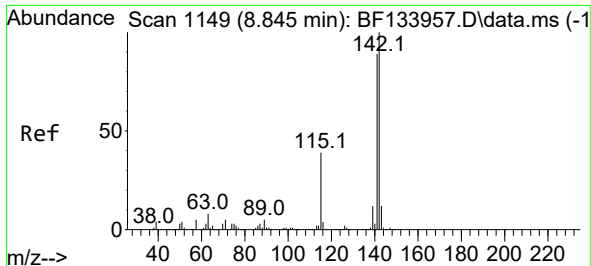
Tgt Ion:113 Resp: 65674
 Ion Ratio Lower Upper
 113 100
 55 193.3 170.2 210.2
 56 141.6 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.324 ng
 RT: 8.692 min Scan# 1123
 Delta R.T. 0.006 min
 Lab File: BF134054.D
 Acq: 30 Jun 2023 15:55

Tgt Ion:107 Resp: 347032
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.6 29.4
 142 75.0 61.4 92.2

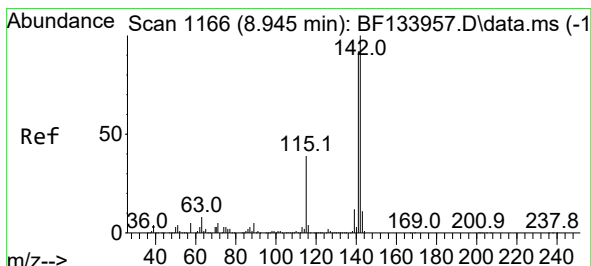
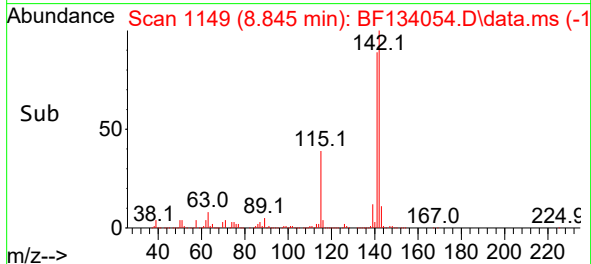
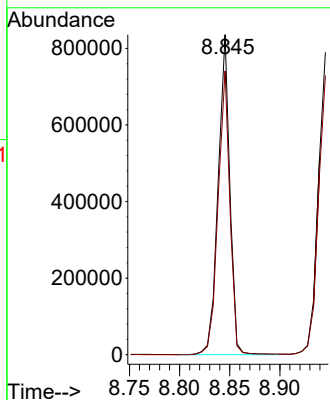
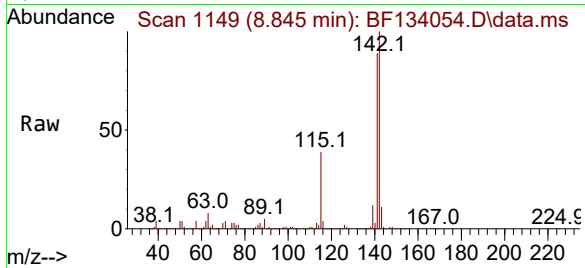




#37
2-Methylnaphthalene
Concen: 38.380 ng
RT: 8.845 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

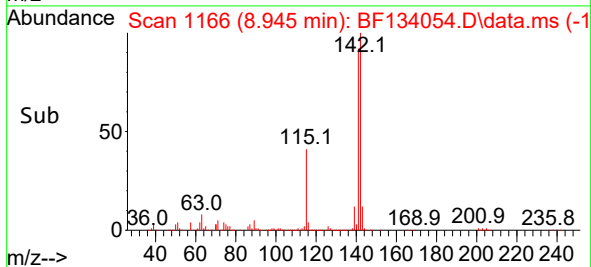
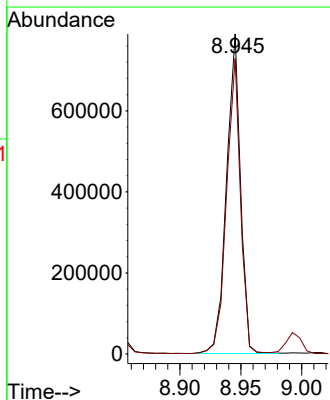
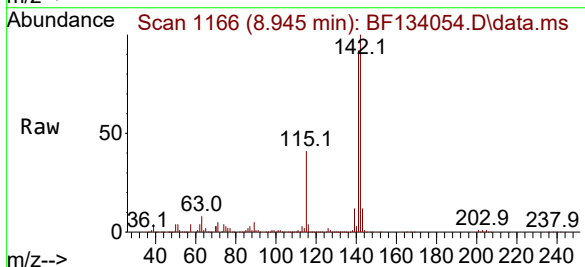
Instrument :
BNA_F
ClientSampleId :
PB153792BS

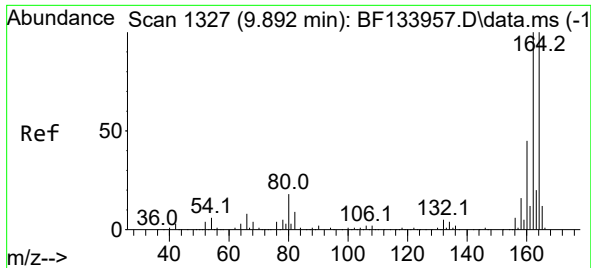
Tgt Ion:142 Resp: 677858
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.4



#38
1-Methylnaphthalene
Concen: 38.522 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion:142 Resp: 632493
Ion Ratio Lower Upper
142 100
141 92.3 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

Instrument :

BNA_F

ClientSampleId :

PB153792BS

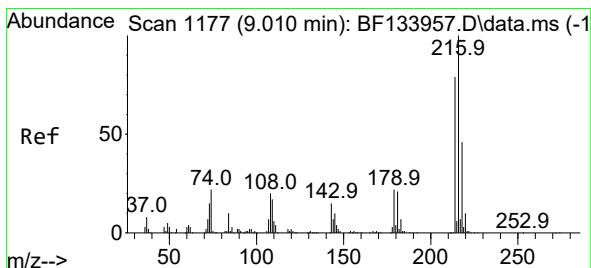
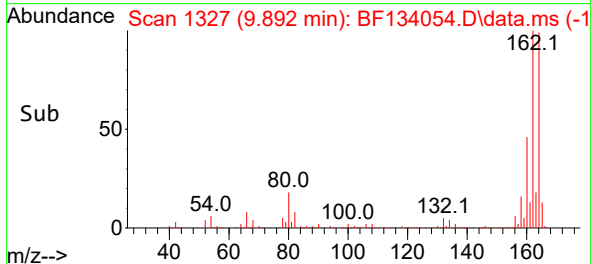
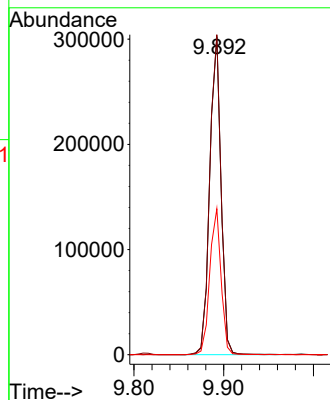
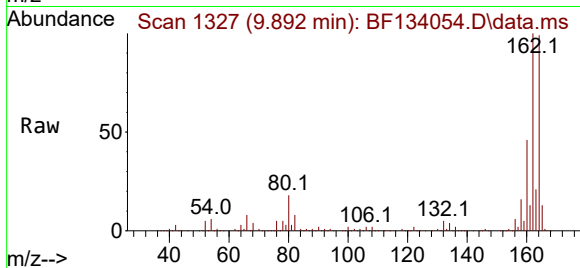
Tgt Ion:164 Resp: 263835

Ion Ratio Lower Upper

164 100

162 100.6 80.0 120.0

160 45.9 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.391 ng

RT: 9.010 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

Tgt Ion:216 Resp: 331350

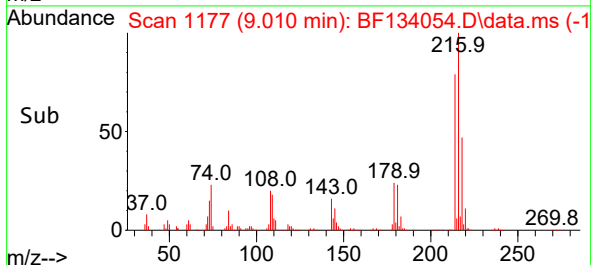
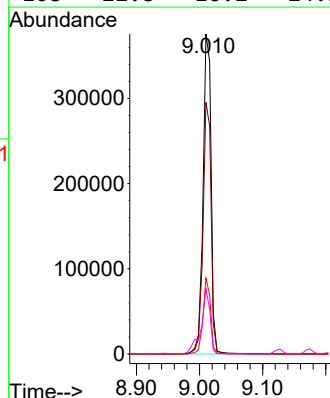
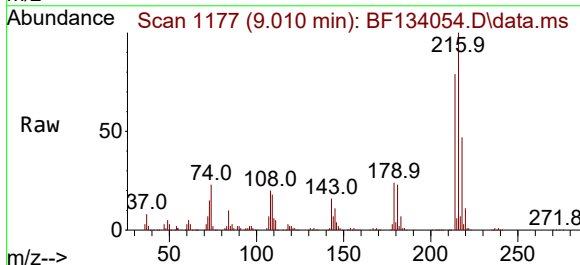
Ion Ratio Lower Upper

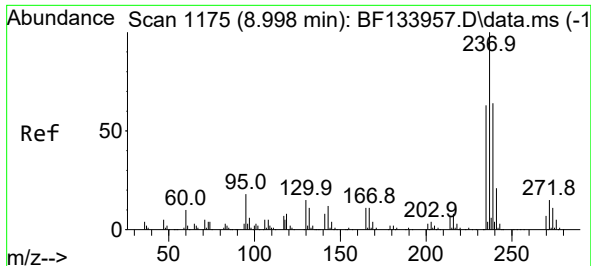
216 100

214 78.6 64.1 96.1

179 22.1 17.3 25.9

108 22.8 16.2 24.2

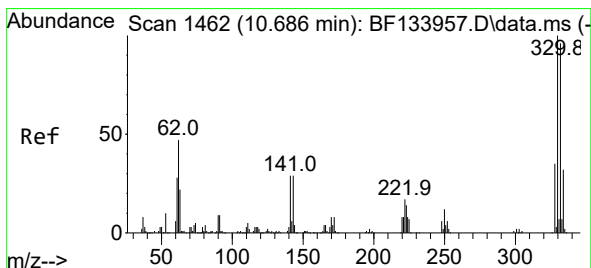
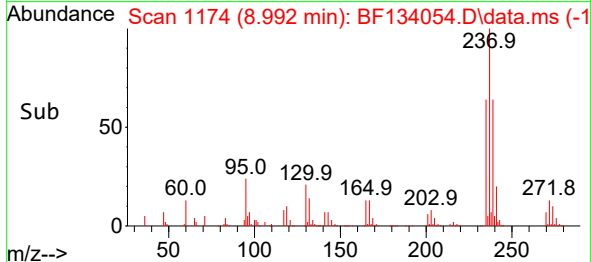
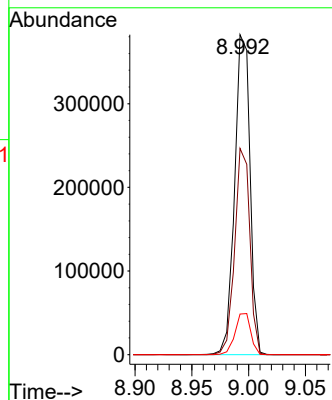
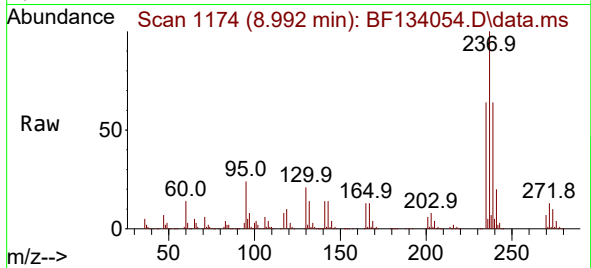




#41
Hexachlorocyclopentadiene
Concen: 97.160 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

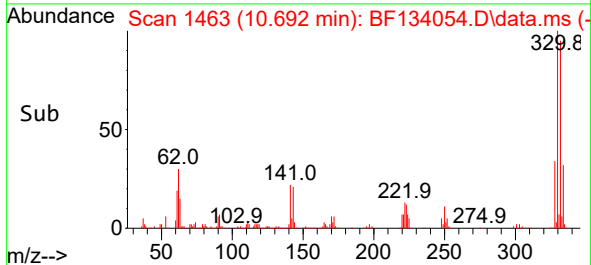
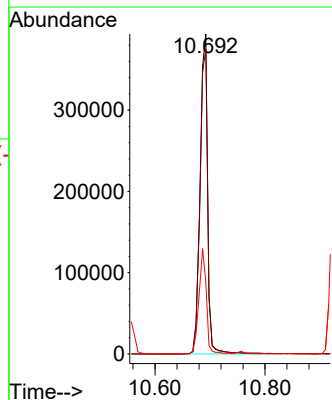
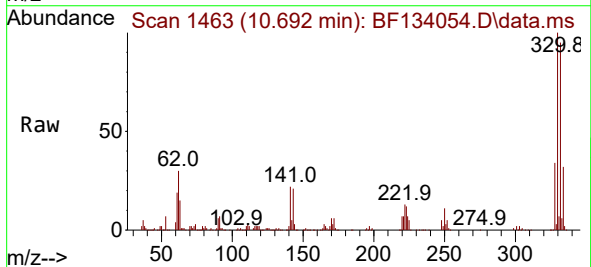
Instrument :
BNA_F
ClientSampleId :
PB153792BS

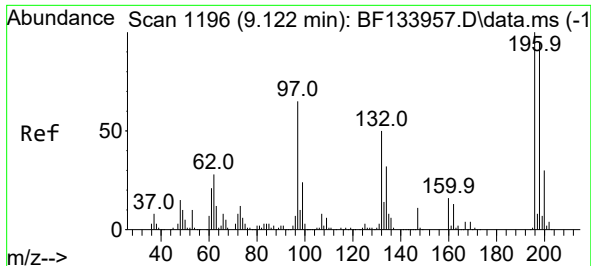
Tgt Ion:237 Resp: 360300
Ion Ratio Lower Upper
237 100
235 64.4 42.8 82.8
272 12.7 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 114.665 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.006 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion:330 Resp: 379309
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 32.0 26.3 39.5

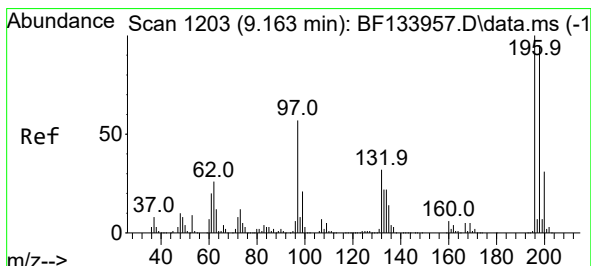
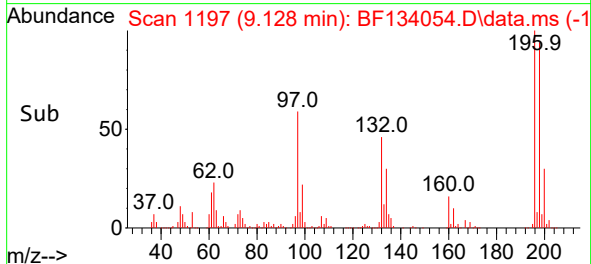
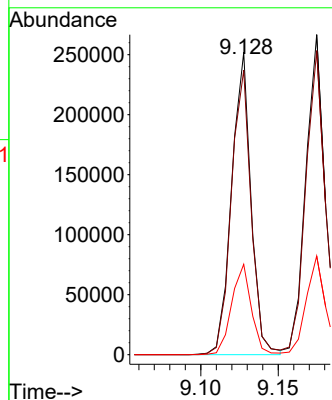
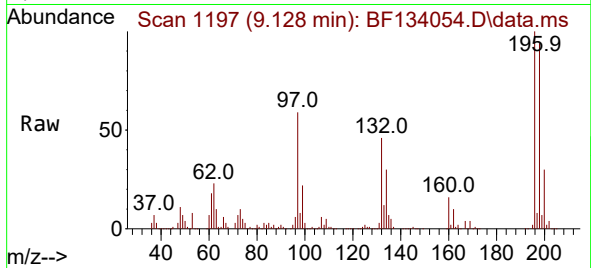




#43
 2,4,6-Trichlorophenol
 Concen: 41.241 ng
 RT: 9.128 min Scan# 1196
 Delta R.T. 0.000 min
 Lab File: BF134054.D
 Acq: 30 Jun 2023 15:55

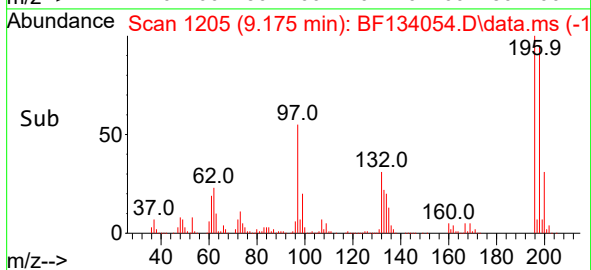
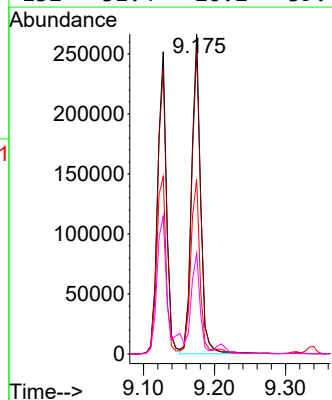
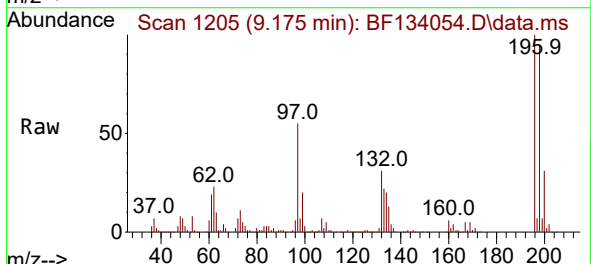
Instrument :
 BNA_F
 ClientSampleId :
 PB153792BS

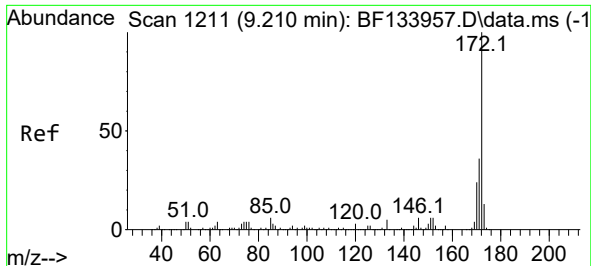
Tgt Ion:196 Resp: 219446
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.6 113.4
 200 29.9 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 37.590 ng
 RT: 9.175 min Scan# 1205
 Delta R.T. 0.006 min
 Lab File: BF134054.D
 Acq: 30 Jun 2023 15:55

Tgt Ion:196 Resp: 235275
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 97 54.6 45.8 68.6
 132 31.4 26.2 39.4

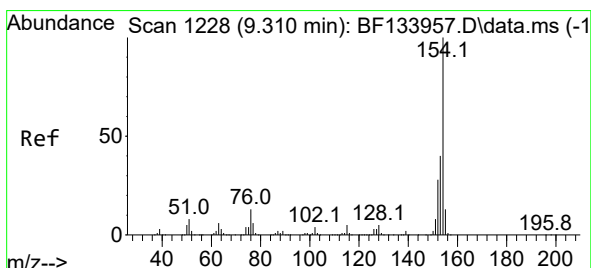
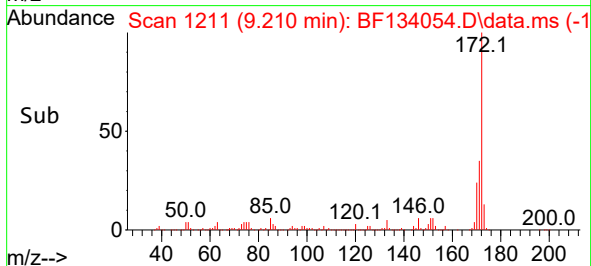
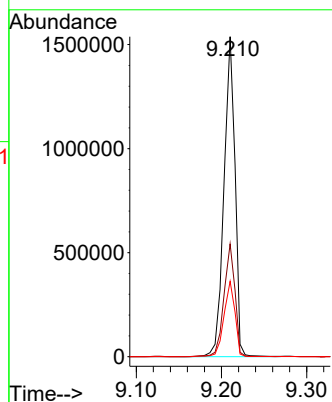
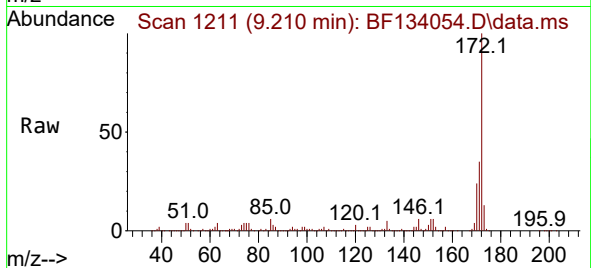




#45
2-Fluorobiphenyl
Concen: 76.173 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

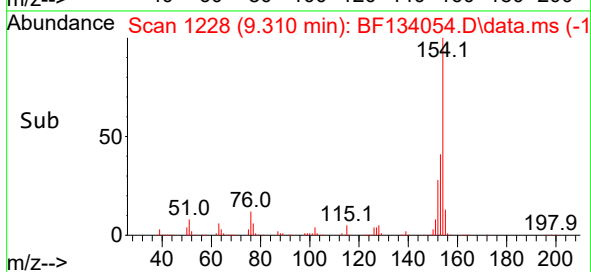
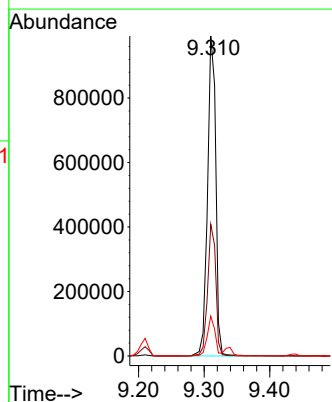
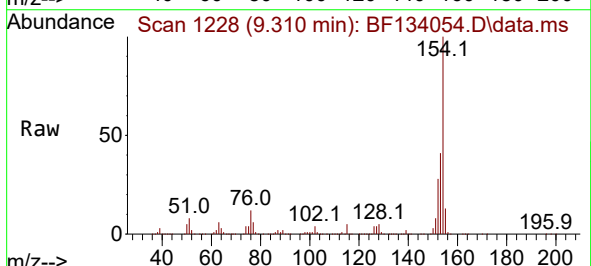
Instrument :
BNA_F
ClientSampleId :
PB153792BS

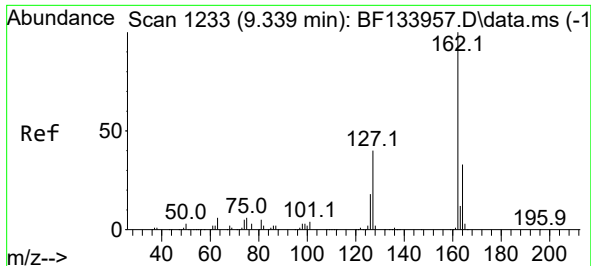
Tgt Ion:172 Resp: 1382297
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.5 19.4 29.0



#46
1,1'-Biphenyl
Concen: 41.202 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion:154 Resp: 871993
Ion Ratio Lower Upper
154 100
153 41.2 19.8 59.8
76 12.5 0.0 32.9

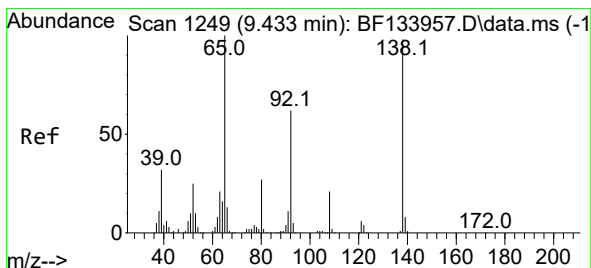
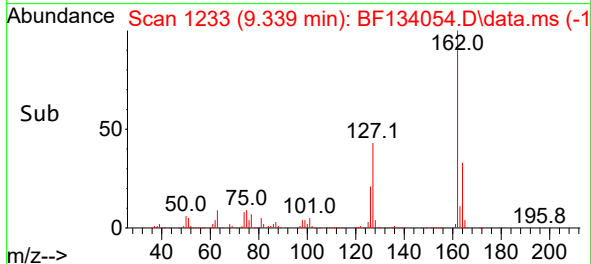
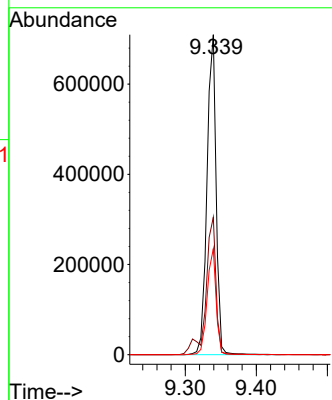
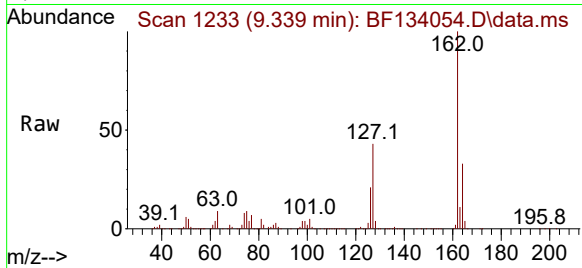




#47
2-Chloronaphthalene
Concen: 41.110 ng
RT: 9.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

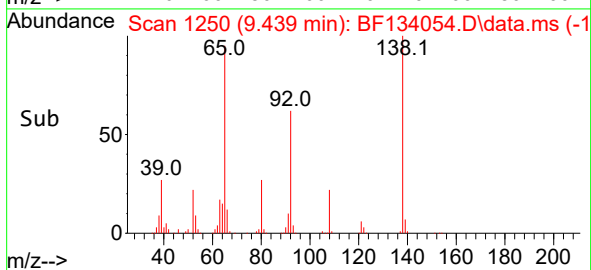
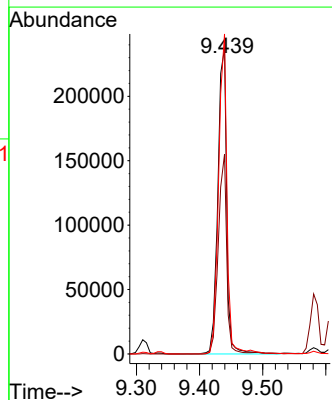
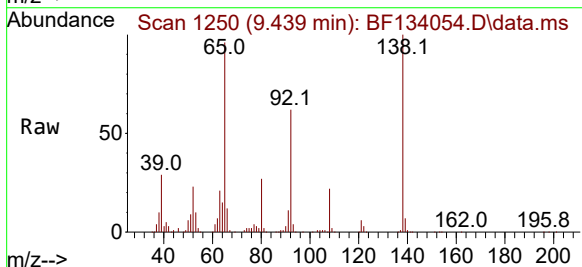
Instrument :
BNA_F
ClientSampleId :
PB153792BS

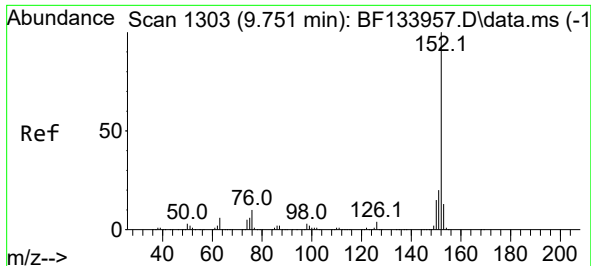
Tgt Ion:162 Resp: 636589
Ion Ratio Lower Upper
162 100
127 43.0 32.9 49.3
164 33.1 26.1 39.1



#48
2-Nitroaniline
Concen: 40.776 ng
RT: 9.439 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion: 65 Resp: 230118
Ion Ratio Lower Upper
65 100
92 65.3 49.5 74.3
138 104.7 78.0 117.0





#49

Acenaphthylene

Concen: 39.106 ng

RT: 9.751 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

Instrument :

BNA_F

ClientSampleId :

PB153792BS

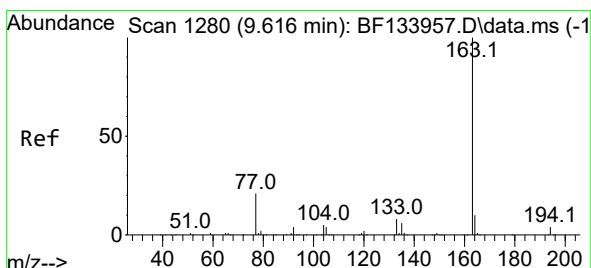
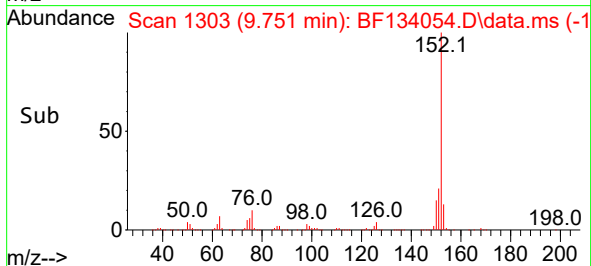
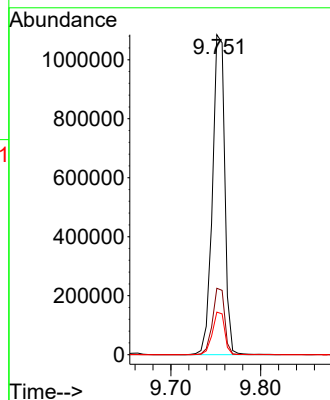
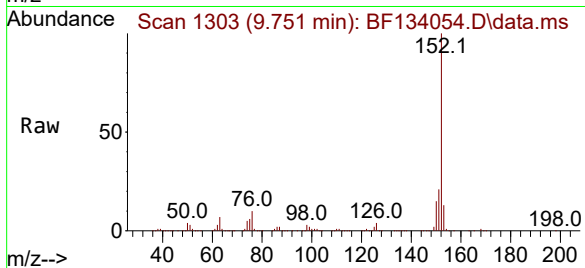
Tgt Ion:152 Resp: 1034434

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.2

153 13.3 10.8 16.2



#50

Dimethylphthalate

Concen: 40.639 ng

RT: 9.616 min Scan# 1280

Delta R.T. 0.000 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

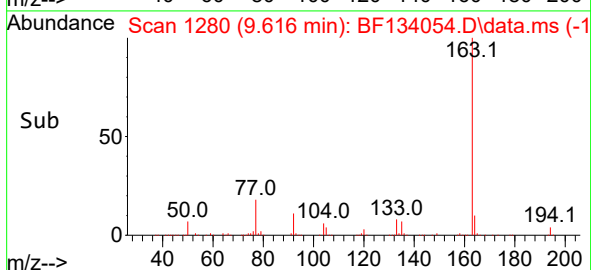
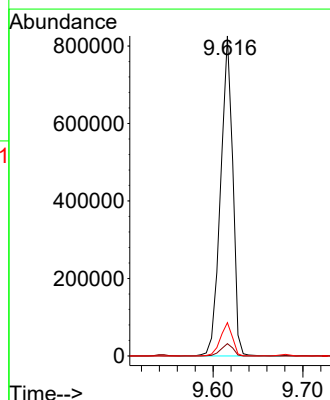
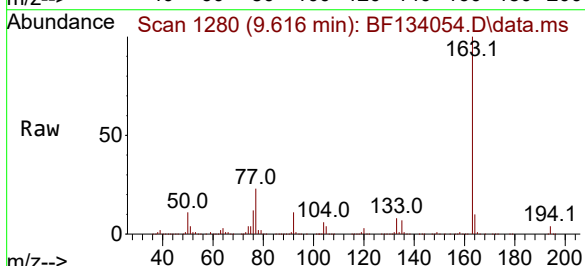
Tgt Ion:163 Resp: 778309

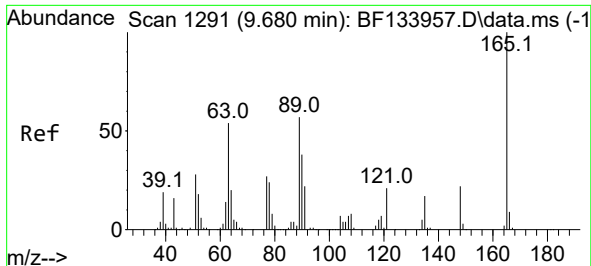
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.4 8.2 12.2

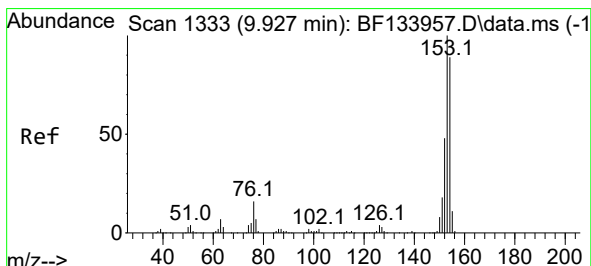
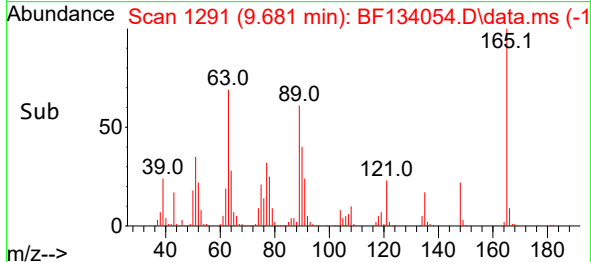
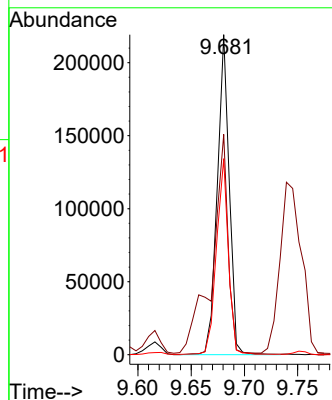
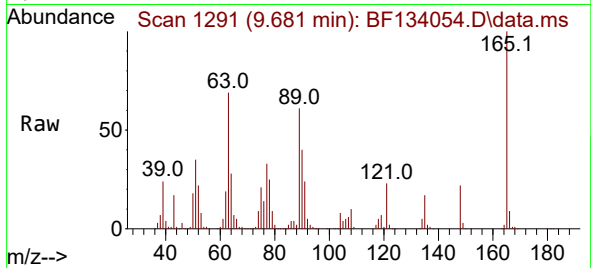




#51
2,6-Dinitrotoluene
Concen: 41.565 ng
RT: 9.681 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

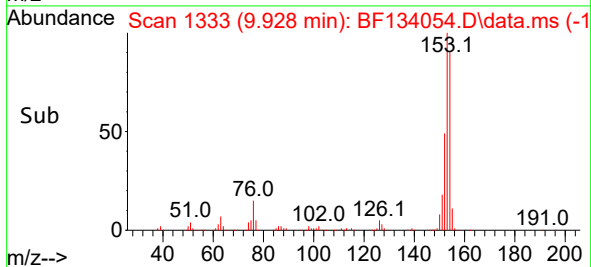
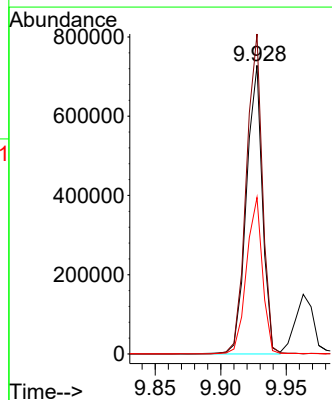
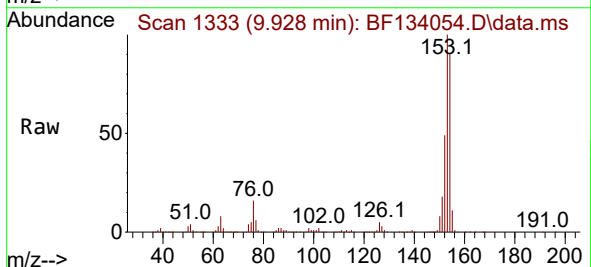
Instrument :
BNA_F
ClientSampleId :
PB153792BS

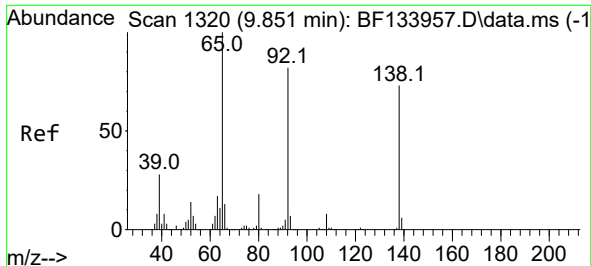
Tgt Ion:165 Resp: 171456
Ion Ratio Lower Upper
165 100
63 68.8 48.5 72.7
89 61.3 45.5 68.3



#52
Acenaphthene
Concen: 40.427 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion:154 Resp: 620514
Ion Ratio Lower Upper
154 100
153 110.9 89.4 134.2
152 54.2 42.8 64.2

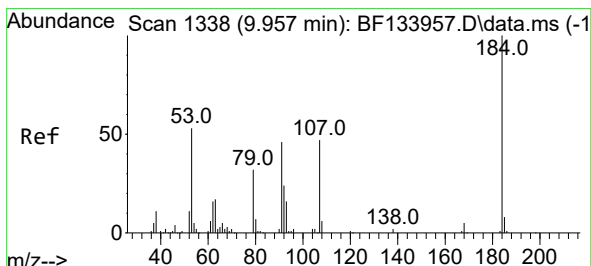
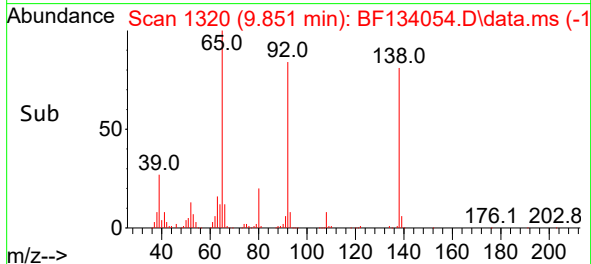
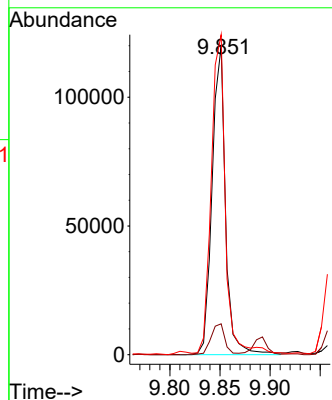
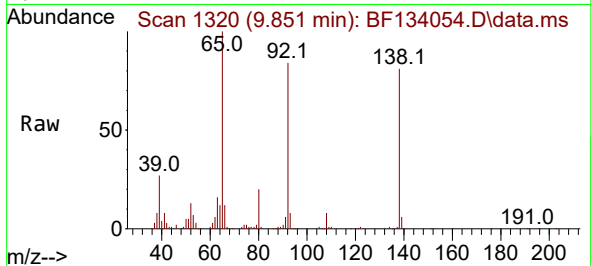




#53
3-Nitroaniline
Concen: 22.541 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

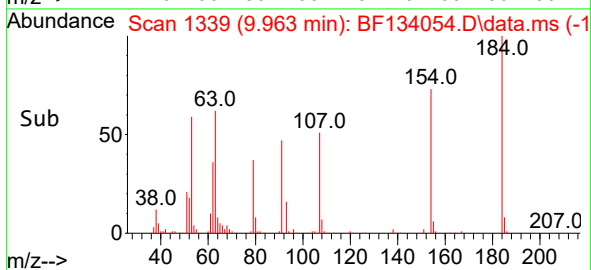
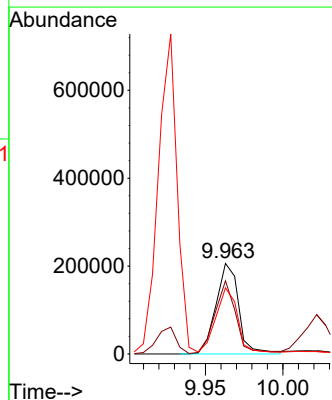
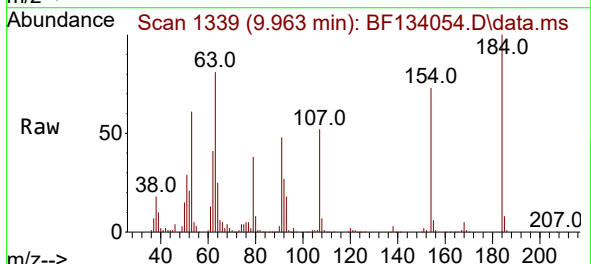
Instrument :
BNA_F
ClientSampleId :
PB153792BS

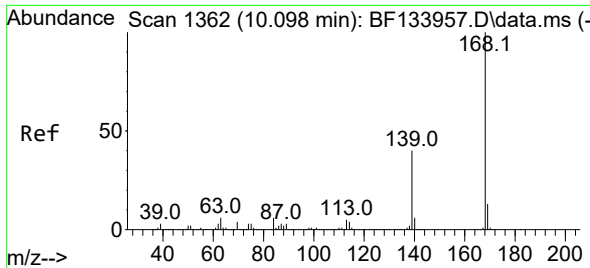
Tgt Ion:138 Resp: 111548
Ion Ratio Lower Upper
138 100
108 10.0 8.4 12.6
92 103.7 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 87.924 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion:184 Resp: 210411
Ion Ratio Lower Upper
184 100
63 80.8 56.9 85.3
154 73.0 55.4 83.0

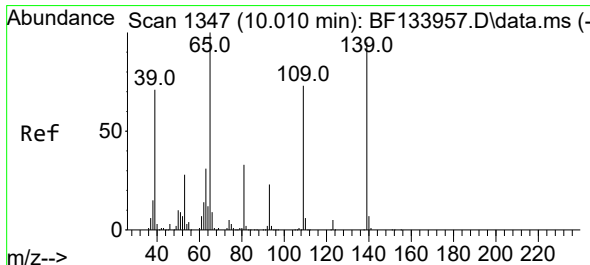
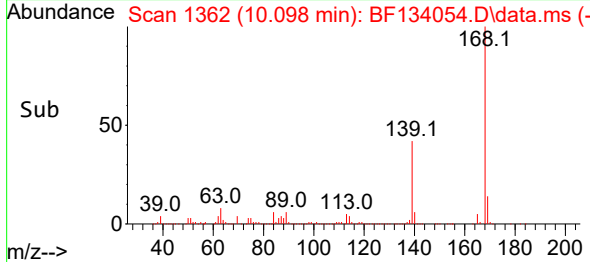
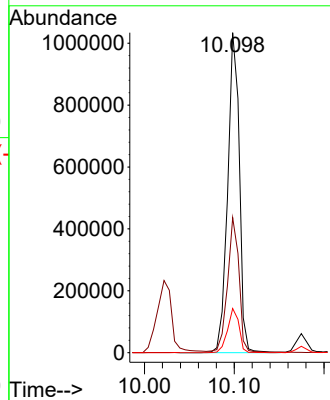
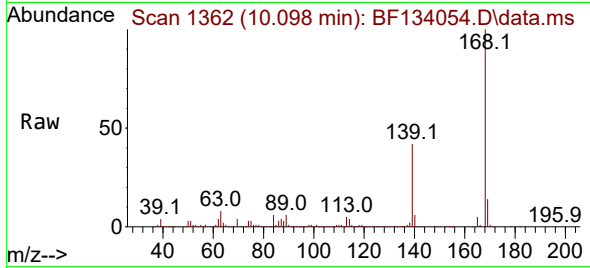




#55
Dibenzofuran
Concen: 38.959 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

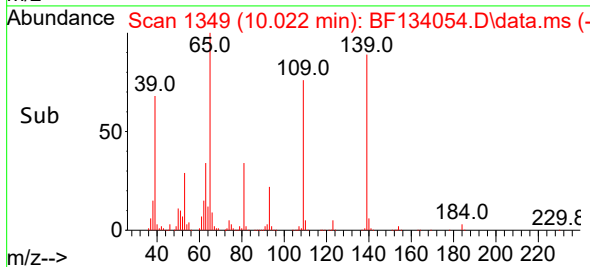
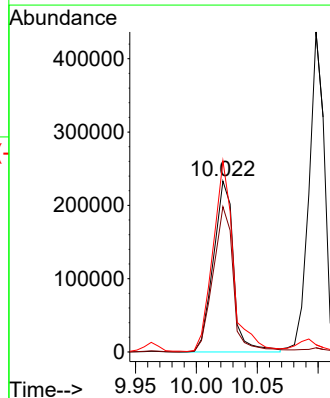
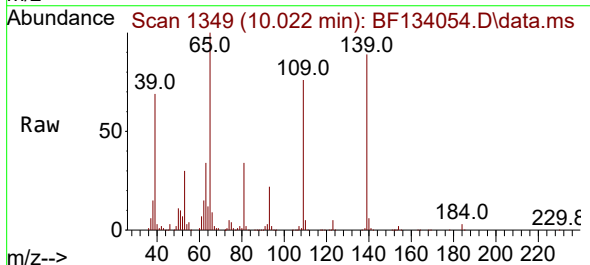
Instrument :
BNA_F
ClientSampleId :
PB153792BS

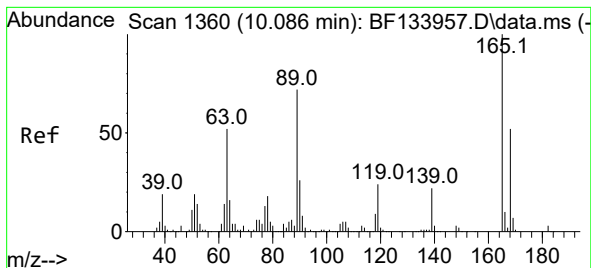
Tgt Ion:168 Resp: 934538
Ion Ratio Lower Upper
168 100
139 42.2 32.0 48.0
169 13.8 10.6 16.0



#56
4-Nitrophenol
Concen: 77.859 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion:139 Resp: 269508
Ion Ratio Lower Upper
139 100
109 85.1 56.8 96.8
65 111.9 86.1 126.1

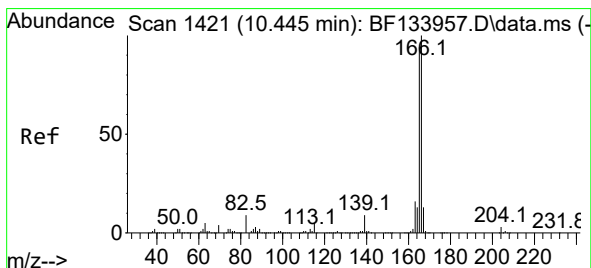
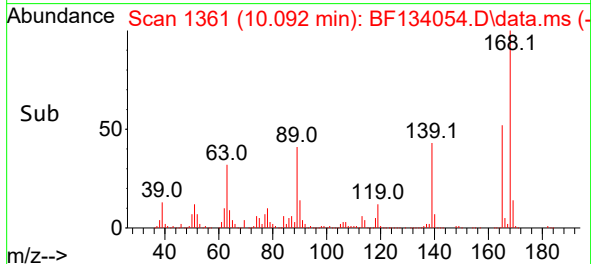
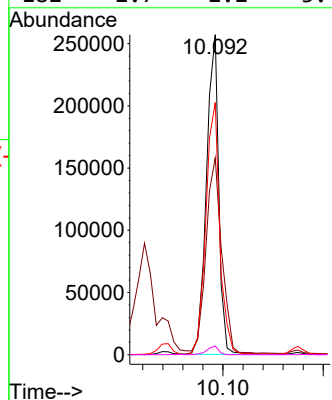
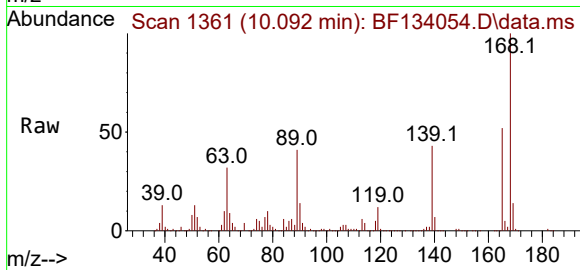




#57
2,4-Dinitrotoluene
Concen: 40.309 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

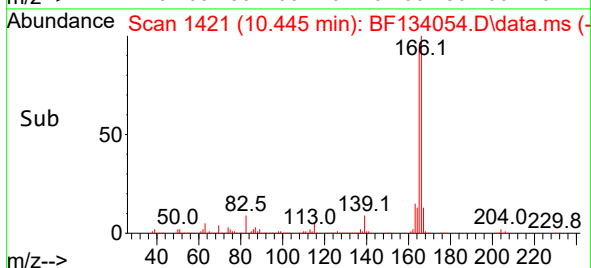
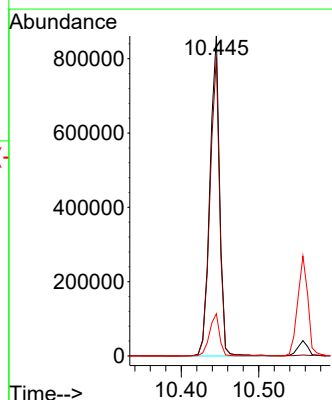
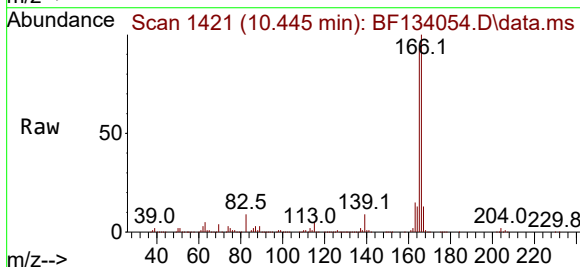
Instrument :
BNA_F
ClientSampleId :
PB153792BS

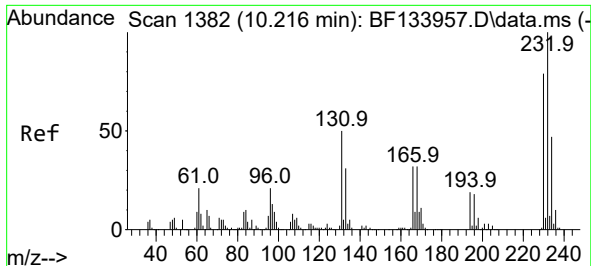
Tgt Ion:165 Resp: 219589
Ion Ratio Lower Upper
165 100
63 61.5 42.2 63.2
89 78.8 57.4 86.2
182 2.7 2.2 3.4



#58
Fluorene
Concen: 40.027 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion:166 Resp: 746995
Ion Ratio Lower Upper
166 100
165 93.5 75.0 112.4
167 13.2 10.6 15.8

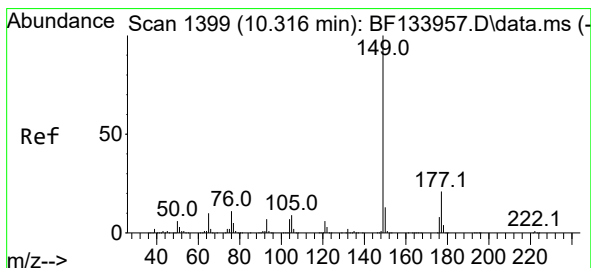
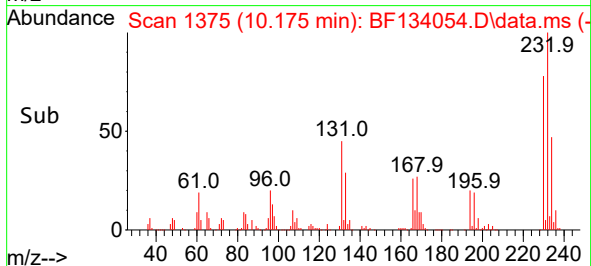
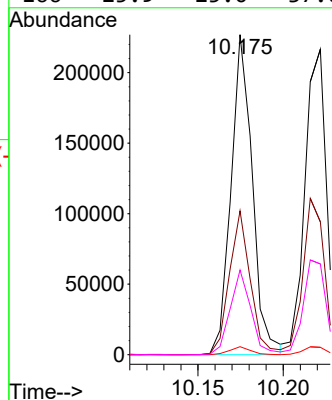
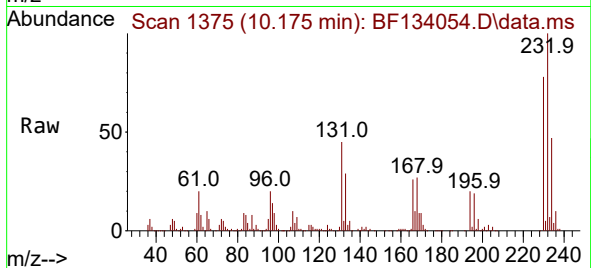




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.977 ng
RT: 10.175 min Scan# 1375
Delta R.T. -0.041 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

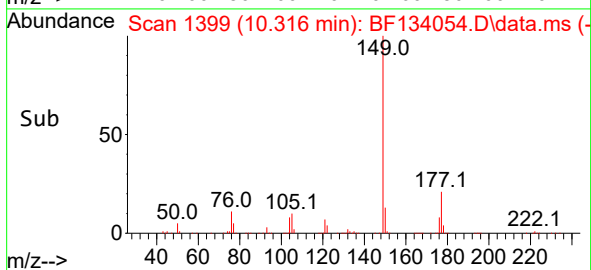
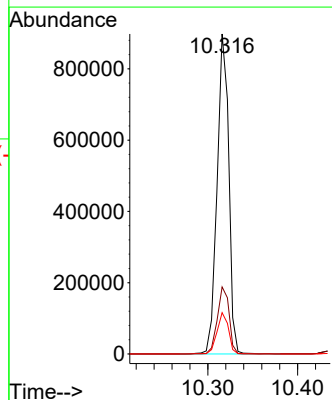
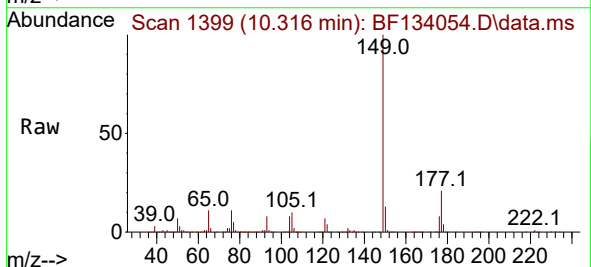
Instrument :
BNA_F
ClientSampleId :
PB153792BS

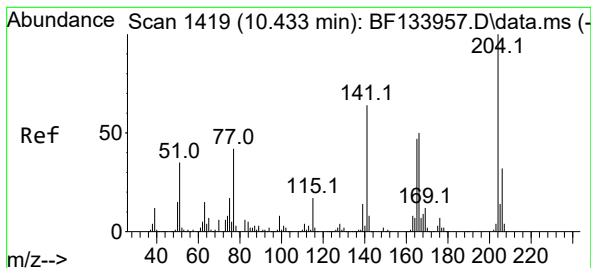
Tgt Ion:232 Resp: 197369
Ion Ratio Lower Upper
232 100
131 44.4 39.3 58.9
130 2.4 1.8 2.6
166 25.9 25.0 37.6



#60
Diethylphthalate
Concen: 40.535 ng
RT: 10.316 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion:149 Resp: 808801
Ion Ratio Lower Upper
149 100
177 21.0 17.0 25.6
150 12.9 10.2 15.2

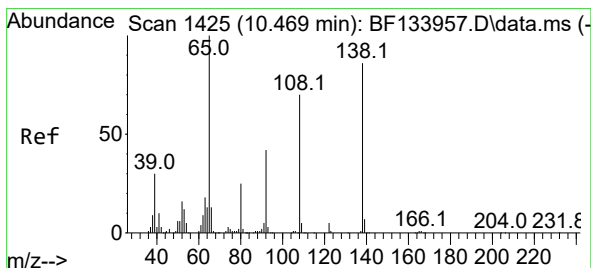
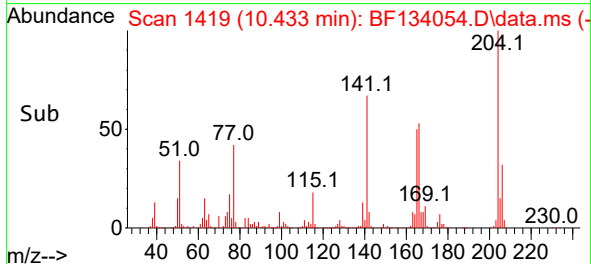
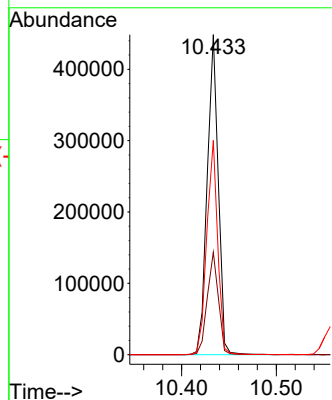
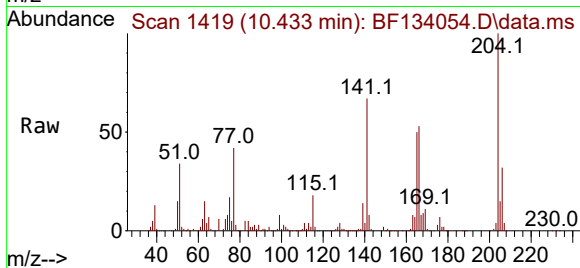




#61
4-Chlorophenyl-phenylether
Concen: 40.296 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

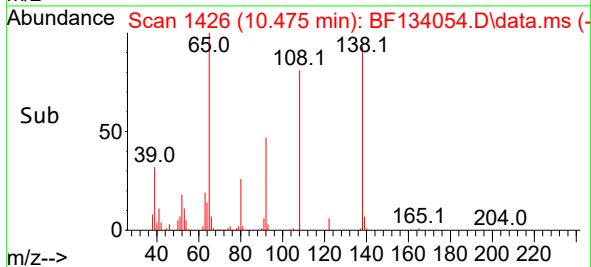
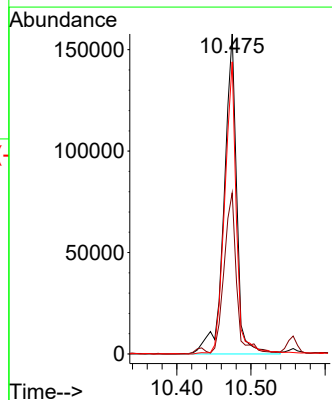
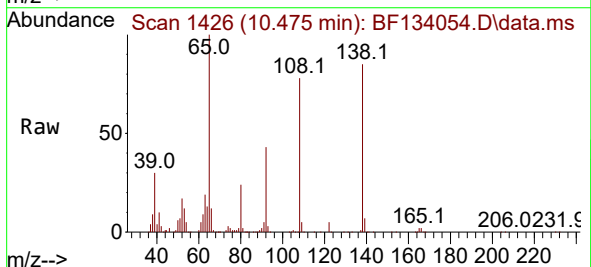
Instrument :
BNA_F
ClientSampleId :
PB153792BS

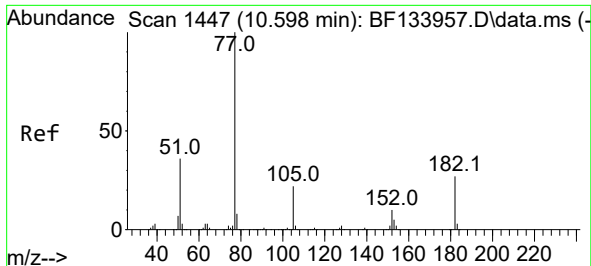
Tgt Ion:204 Resp: 362409
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.6
141 67.0 51.5 77.3



#62
4-Nitroaniline
Concen: 37.590 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion:138 Resp: 187466
Ion Ratio Lower Upper
138 100
92 50.4 29.7 69.7
108 91.3 62.1 102.1

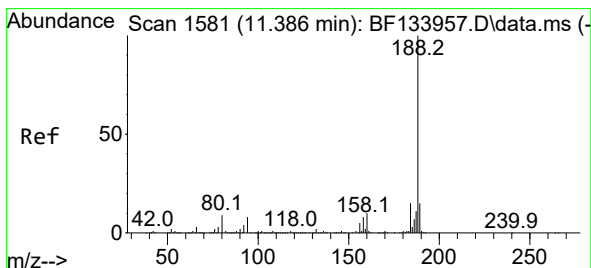
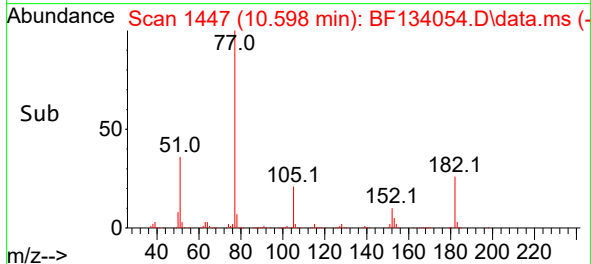
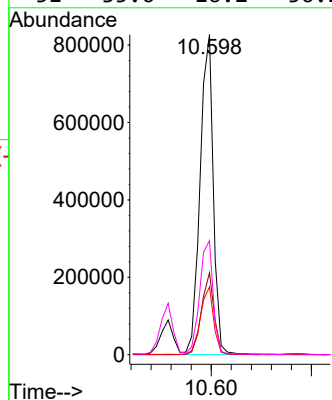
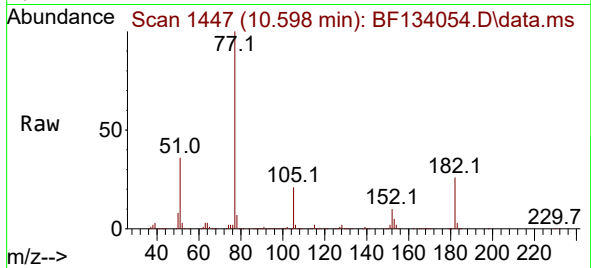




#63
Azobenzene
Concen: 40.061 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

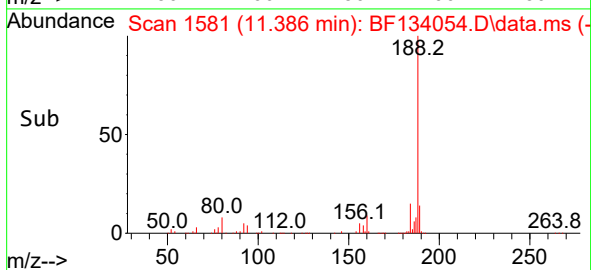
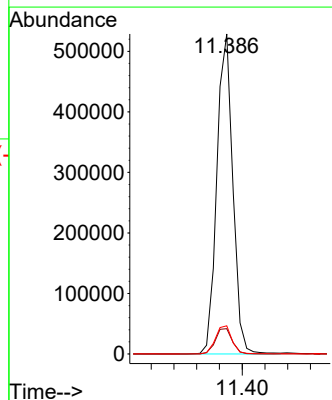
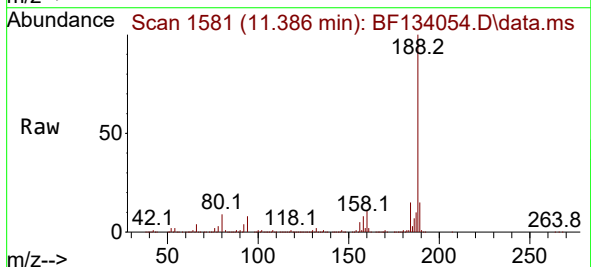
Instrument :
BNA_F
ClientSampleId :
PB153792BS

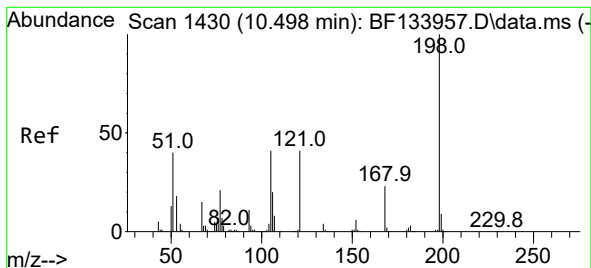
Tgt Ion: 77	Resp: 756125
Ion Ratio	Lower Upper
77 100	
182 25.6	6.8 46.8
105 21.2	2.3 42.3
51 35.6	16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion:188	Resp: 516695
Ion Ratio	Lower Upper
188 100	
94 7.9	6.4 9.6
80 8.8	7.3 10.9

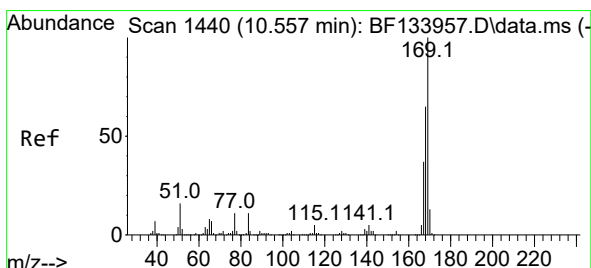
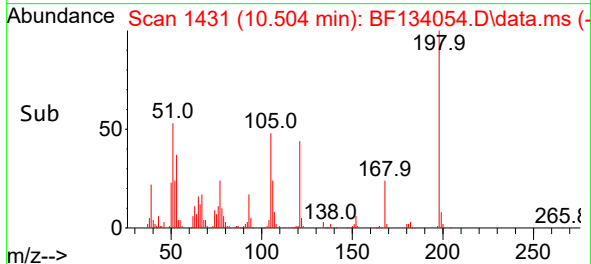
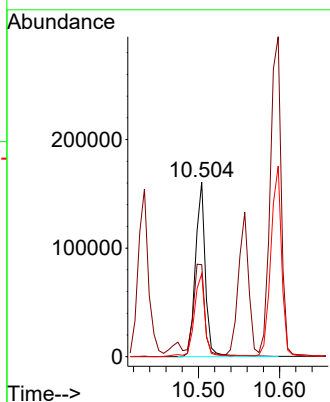
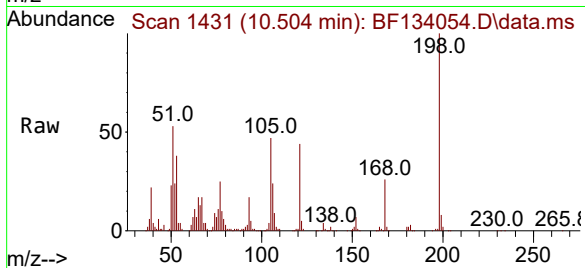




#65
4,6-Dinitro-2-methylphenol
Concen: 48.936 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

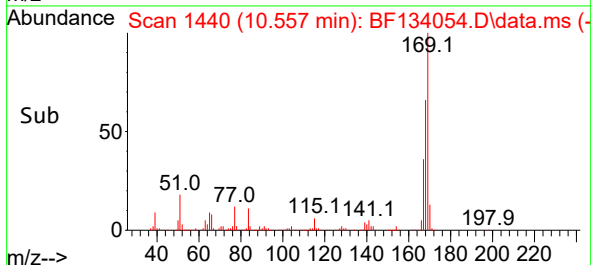
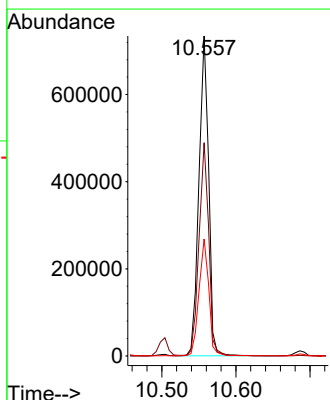
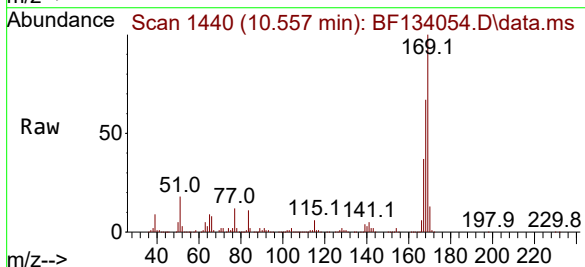
Instrument :
BNA_F
ClientSampleId :
PB153792BS

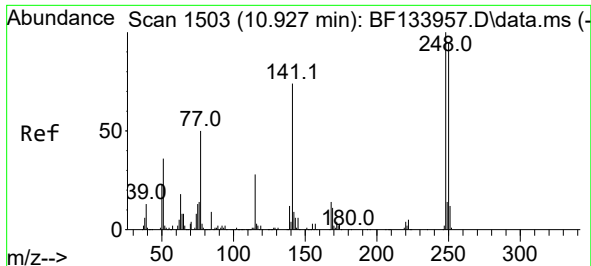
Tgt Ion:198 Resp: 137851
Ion Ratio Lower Upper
198 100
51 52.7 29.3 69.3
105 47.5 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 40.399 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion:169 Resp: 666935
Ion Ratio Lower Upper
169 100
168 66.6 52.3 78.5
167 36.6 29.4 44.0

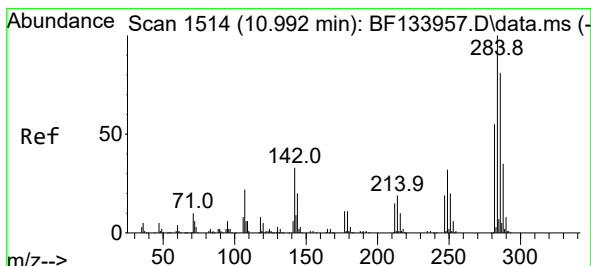
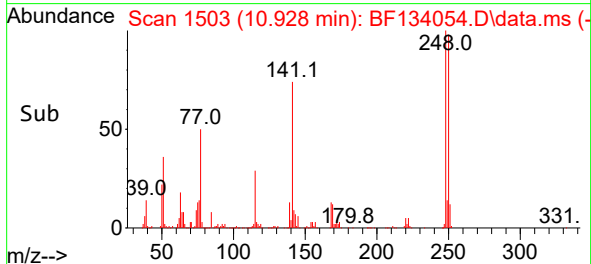
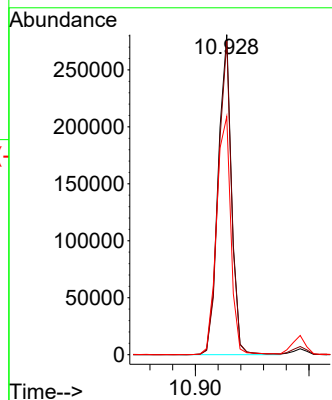
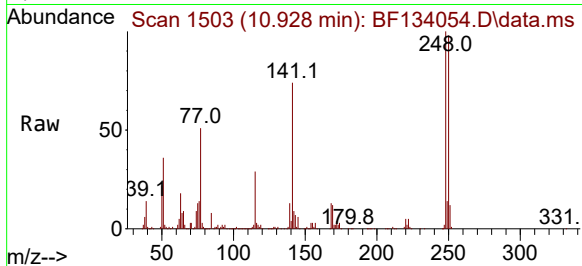




#67
4-Bromophenyl-phenylether
Concen: 41.870 ng
RT: 10.928 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

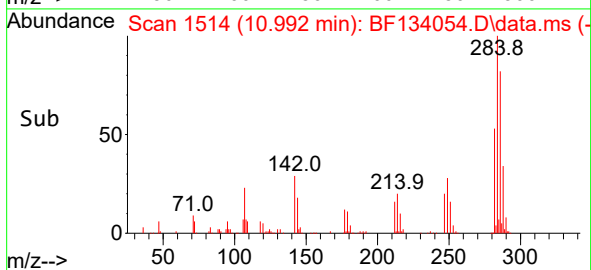
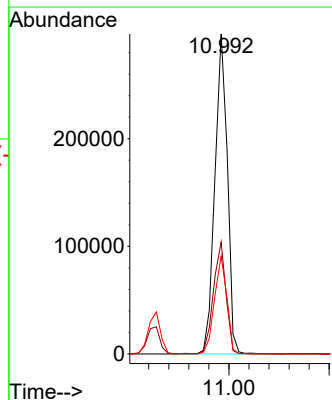
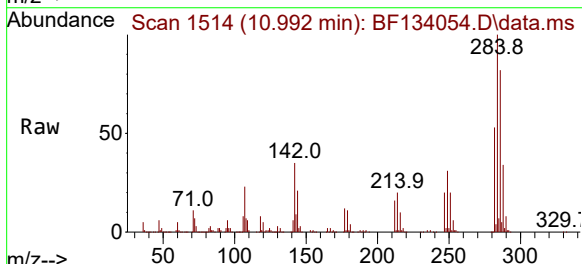
Instrument :
BNA_F
ClientSampleId :
PB153792BS

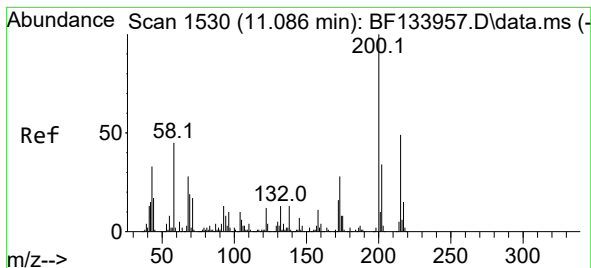
Tgt Ion:248 Resp: 229945
Ion Ratio Lower Upper
248 100
250 97.9 76.2 114.4
141 74.4 59.0 88.4



#68
Hexachlorobenzene
Concen: 43.898 ng
RT: 10.992 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion:284 Resp: 255971
Ion Ratio Lower Upper
284 100
142 35.0 26.6 40.0
249 30.6 25.5 38.3





#69

Atrazine

Concen: 43.636 ng

RT: 11.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

Instrument :

BNA_F

ClientSampleId :

PB153792BS

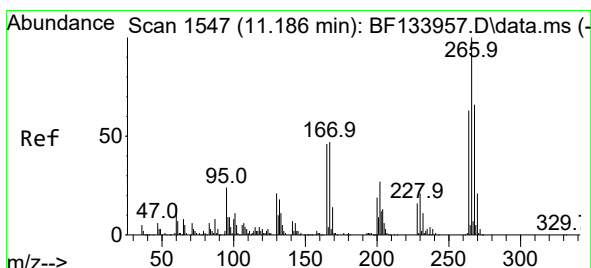
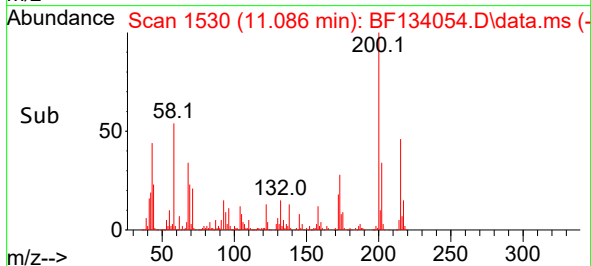
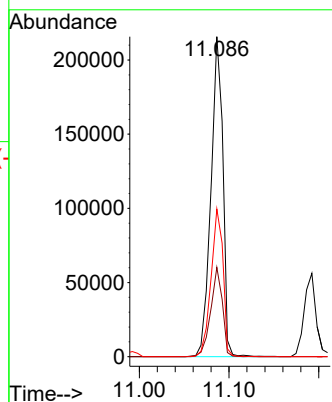
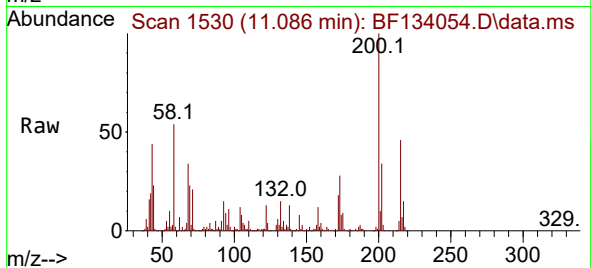
Tgt Ion:200 Resp: 199261

Ion Ratio Lower Upper

200 100

173 27.9 8.0 48.0

215 46.2 29.3 69.3



#70

Pentachlorophenol

Concen: 76.540 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

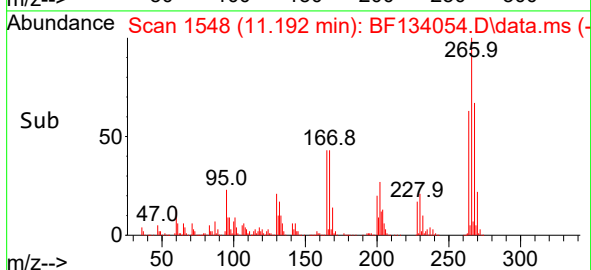
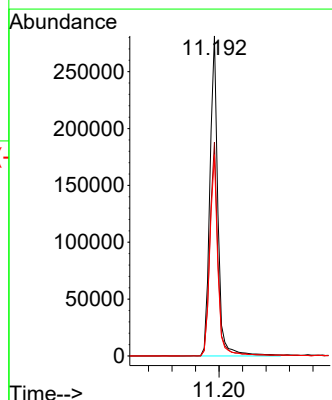
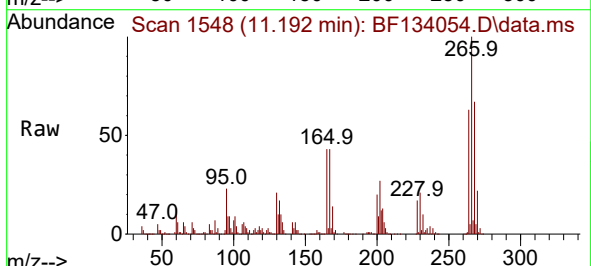
Tgt Ion:266 Resp: 266854

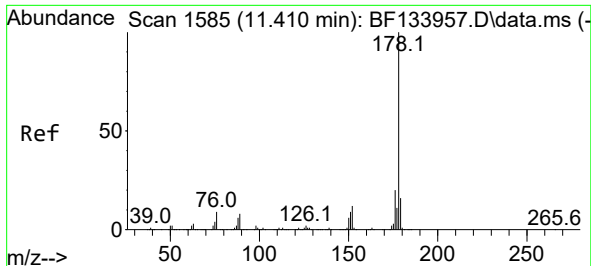
Ion Ratio Lower Upper

266 100

268 66.8 52.6 79.0

264 62.9 50.6 76.0

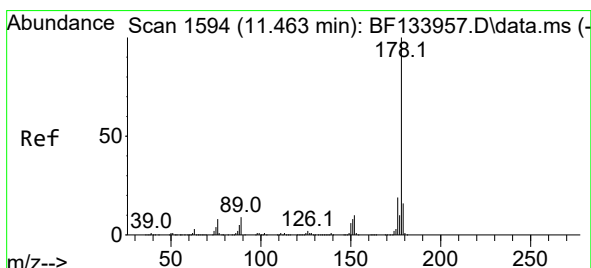
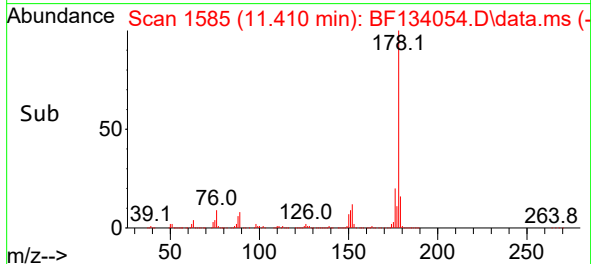
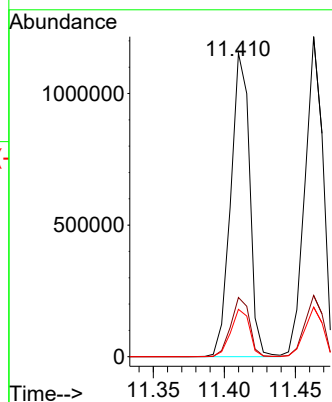
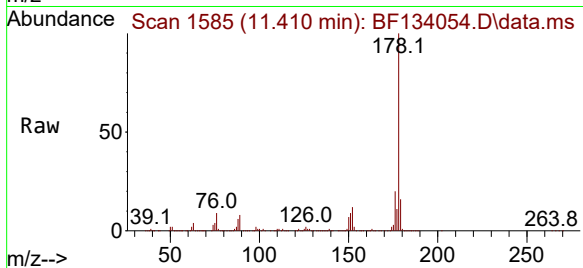




#71
Phenanthrene
Concen: 41.146 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

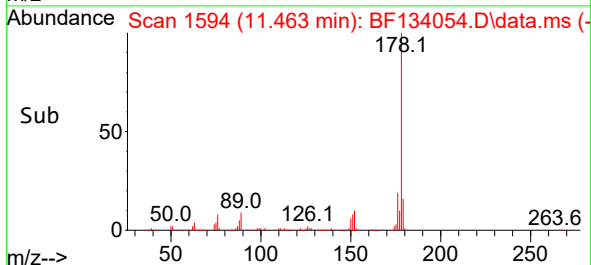
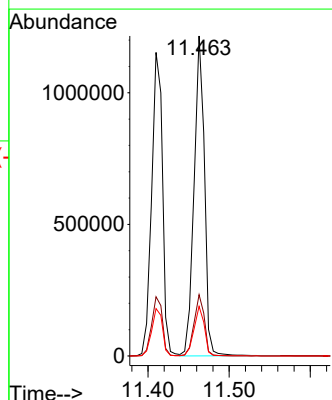
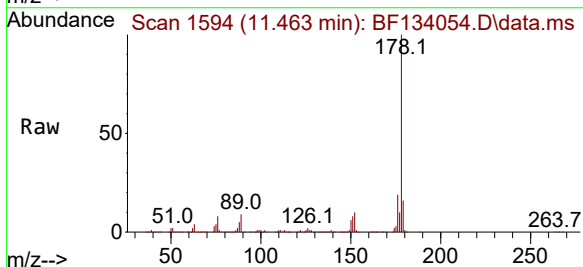
Instrument :
BNA_F
ClientSampleId :
PB153792BS

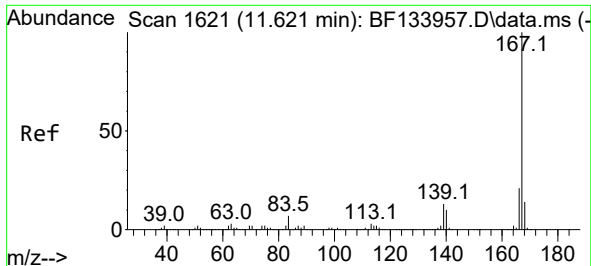
Tgt Ion:178 Resp: 1070249
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.6 12.4 18.6



#72
Anthracene
Concen: 40.193 ng
RT: 11.463 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion:178 Resp: 1087401
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.5 12.4 18.6

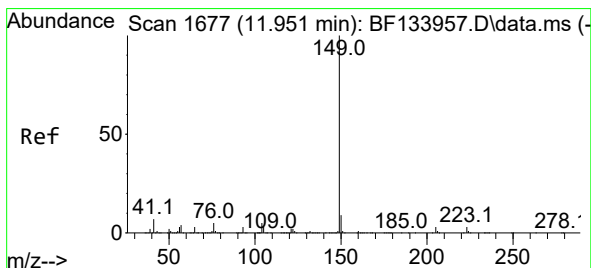
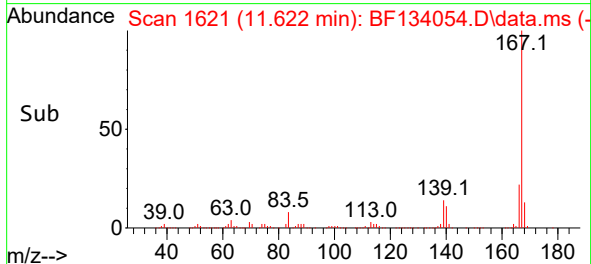
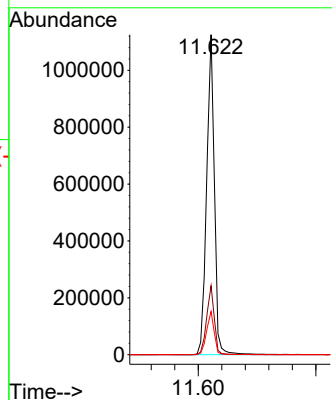
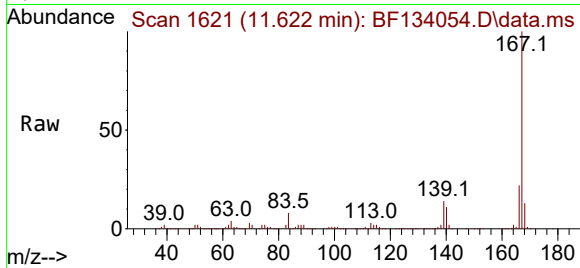




#73
 Carbazole
 Concen: 41.845 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF134054.D
 Acq: 30 Jun 2023 15:55

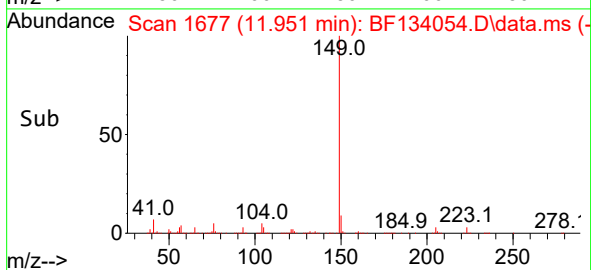
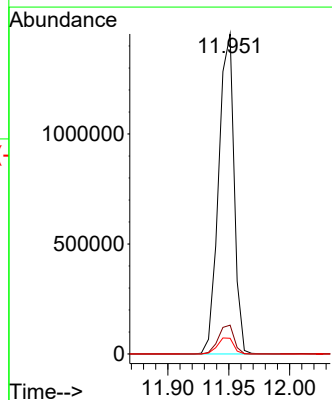
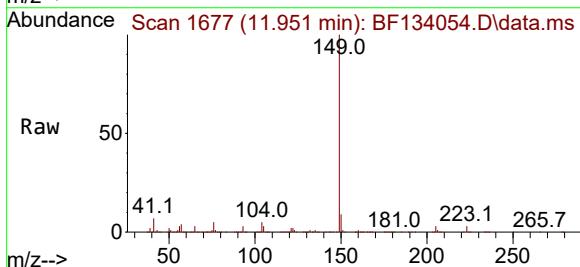
Instrument :
 BNA_F
 ClientSampleId :
 PB153792BS

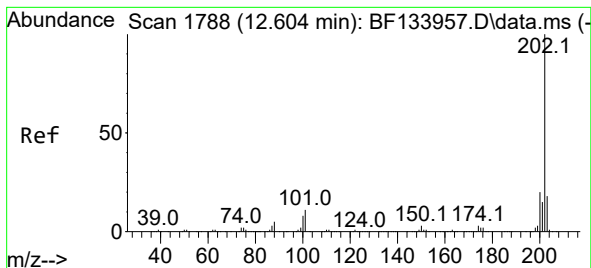
Tgt Ion:167 Resp: 1036228
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 13.5 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 43.805 ng
 RT: 11.951 min Scan# 1677
 Delta R.T. 0.000 min
 Lab File: BF134054.D
 Acq: 30 Jun 2023 15:55

Tgt Ion:149 Resp: 1289989
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.1 10.7
 104 4.9 4.0 6.0





#75

Fluoranthene

Concen: 41.434 ng

RT: 12.610 min Scan# 1789

Delta R.T. 0.000 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

Instrument :

BNA_F

ClientSampleId :

PB153792BS

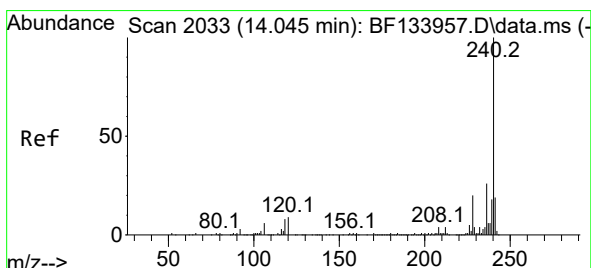
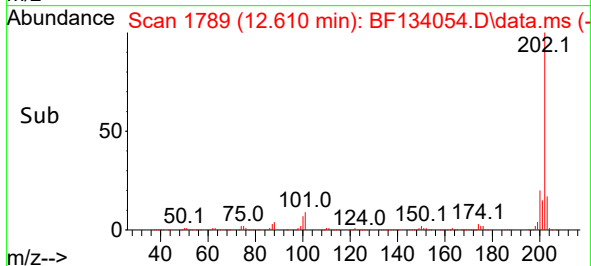
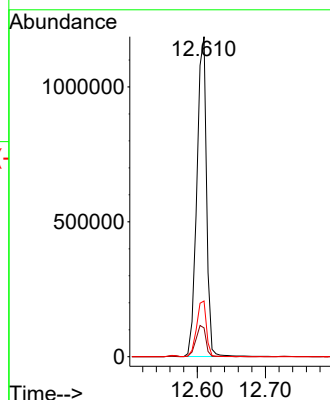
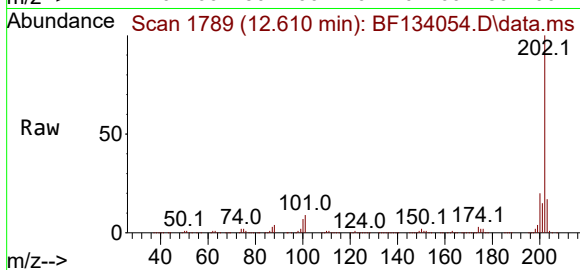
Tgt Ion:202 Resp: 1165146

Ion Ratio Lower Upper

202 100

101 9.0 0.0 31.0

203 17.4 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

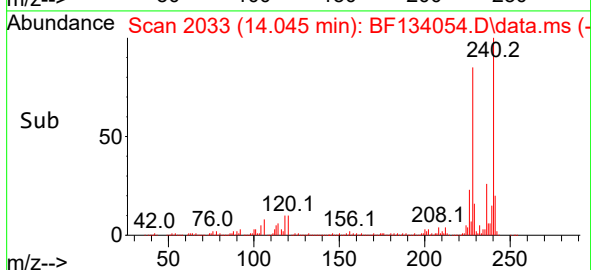
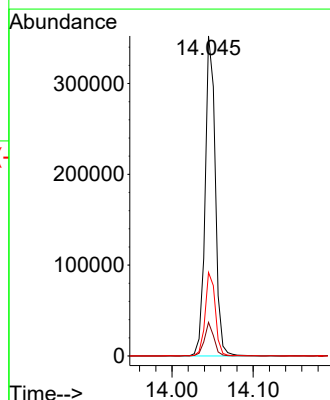
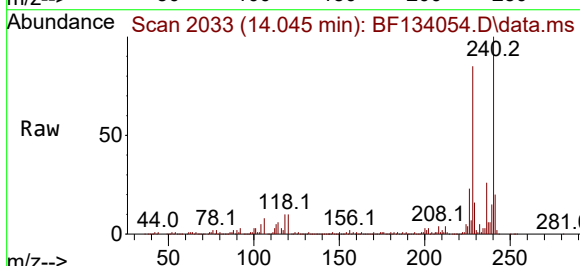
Tgt Ion:240 Resp: 305303

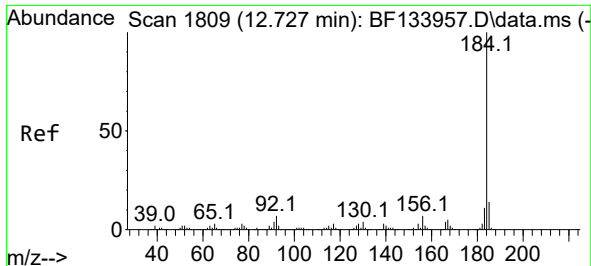
Ion Ratio Lower Upper

240 100

120 10.5 7.4 11.0

236 26.1 21.0 31.6

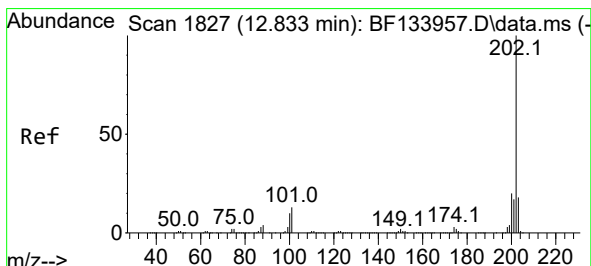
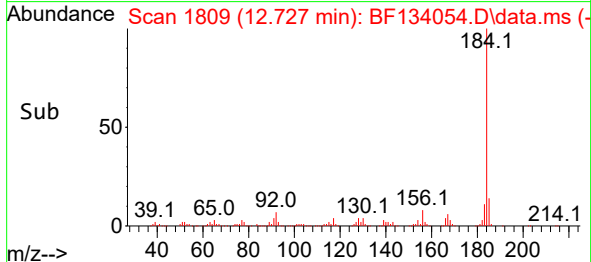
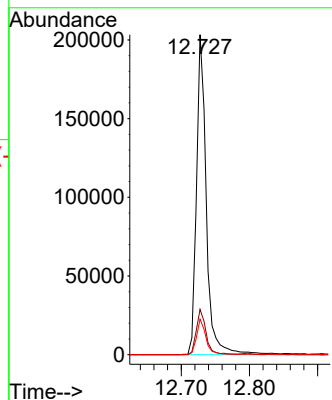
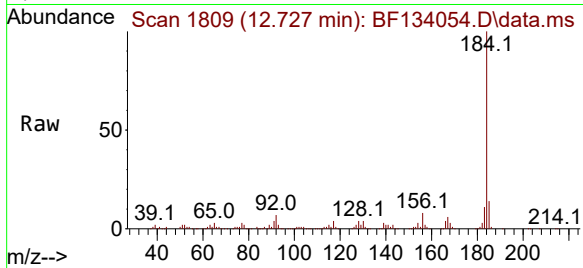




#77
Benzidine
Concen: 27.852 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

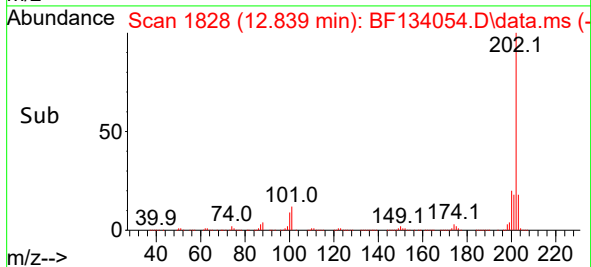
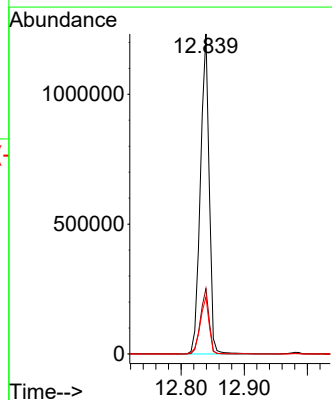
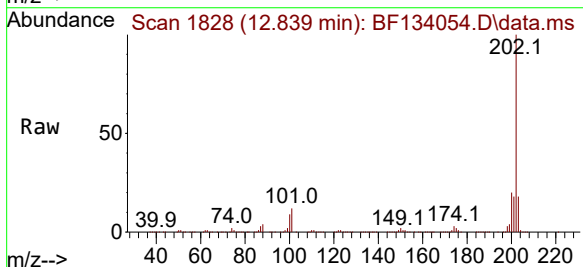
Instrument :
BNA_F
ClientSampleId :
PB153792BS

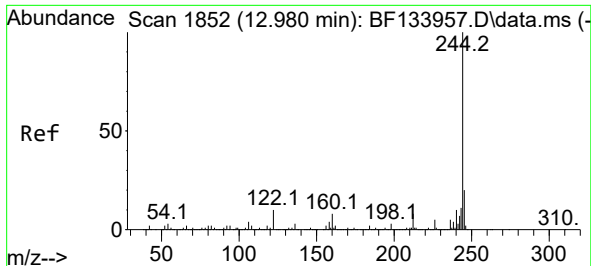
Tgt Ion:184 Resp: 202327
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 11.1 8.8 13.2



#78
Pyrene
Concen: 41.743 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion:202 Resp: 1186040
Ion Ratio Lower Upper
202 100
200 20.4 16.1 24.1
203 17.8 14.3 21.5



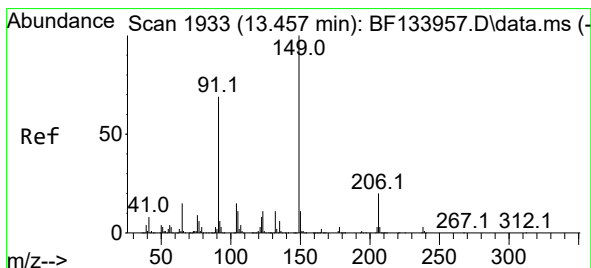
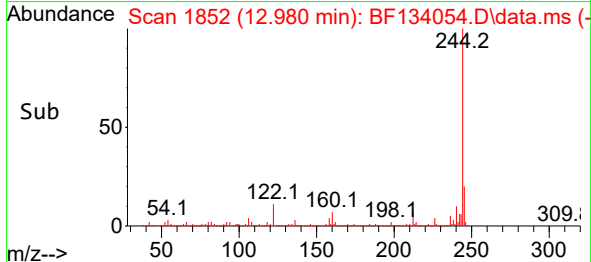
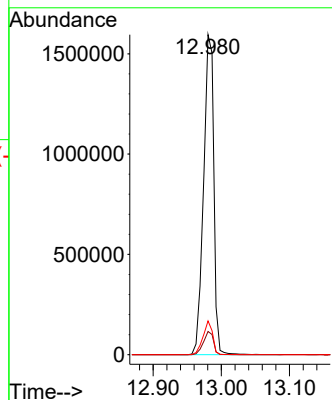
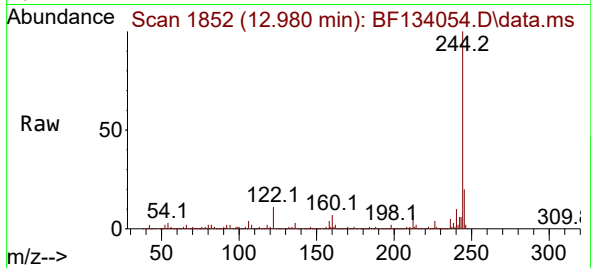


#79
 Terphenyl-d14
 Concen: 87.682 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134054.D
 Acq: 30 Jun 2023 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB153792BS

Tgt Ion:244 Resp: 1663301

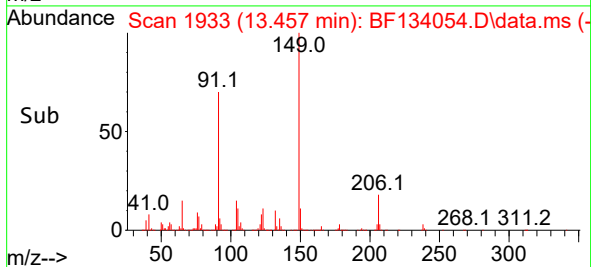
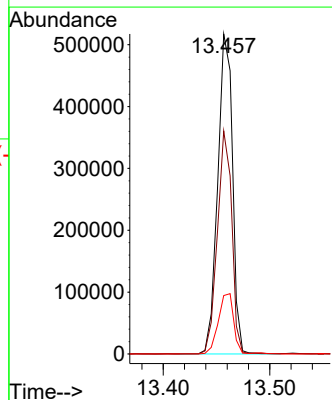
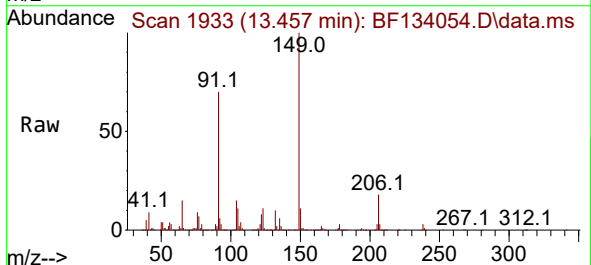
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	10.5	8.3	12.5

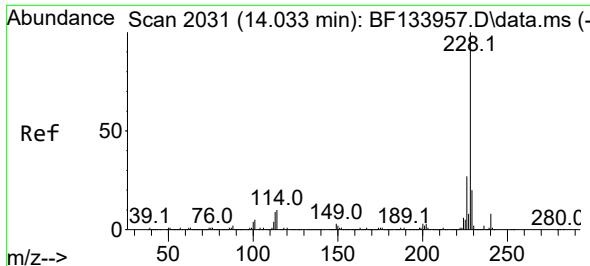


#80
 Butylbenzylphthalate
 Concen: 46.718 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. 0.000 min
 Lab File: BF134054.D
 Acq: 30 Jun 2023 15:55

Tgt Ion:149 Resp: 497832

Ion	Ratio	Lower	Upper
149	100		
91	69.7	55.1	82.7
206	18.2	15.7	23.5

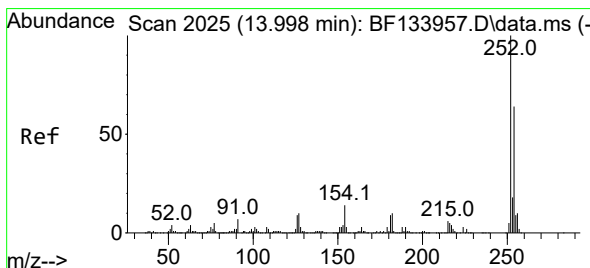
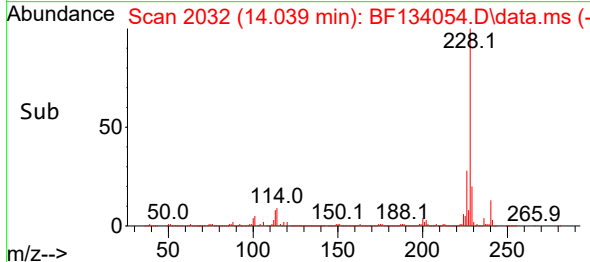
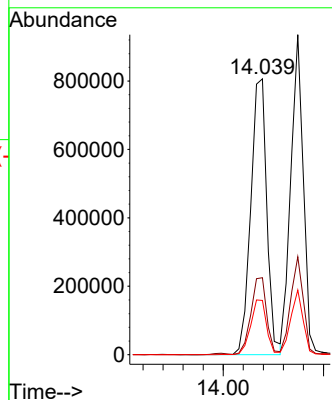
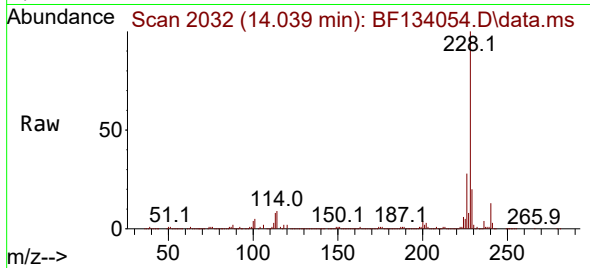




#81
Benzo(a)anthracene
Concen: 42.386 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

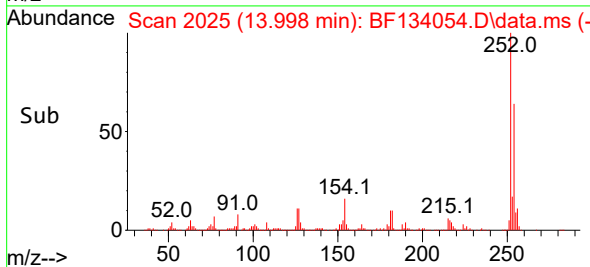
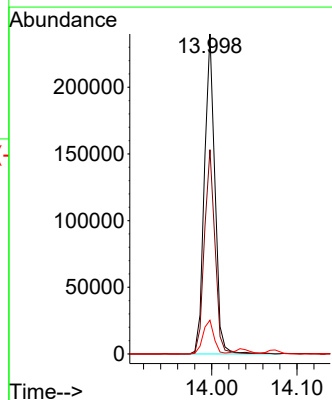
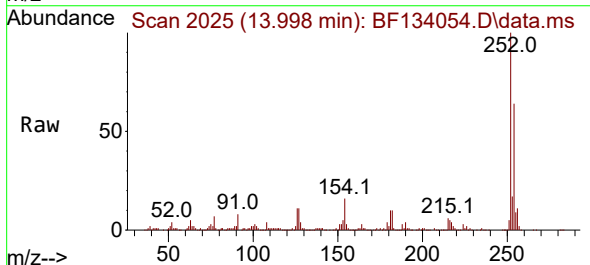
Instrument :
BNA_F
ClientSampleId :
PB153792BS

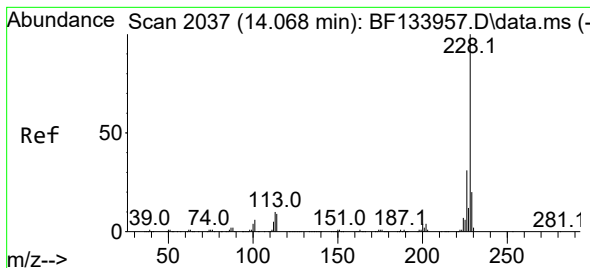
Tgt Ion:228 Resp: 897452
Ion Ratio Lower Upper
228 100
226 27.9 22.0 33.0
229 19.7 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 30.614 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF134054.D
Acq: 30 Jun 2023 15:55

Tgt Ion:252 Resp: 205365
Ion Ratio Lower Upper
252 100
254 63.8 51.4 77.0
126 10.5 7.4 11.2





#83

Chrysene

Concen: 40.109 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

Instrument :

BNA_F

ClientSampleId :

PB153792BS

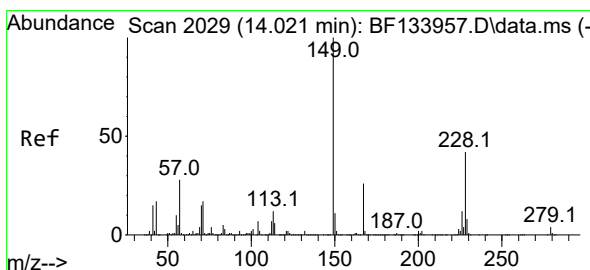
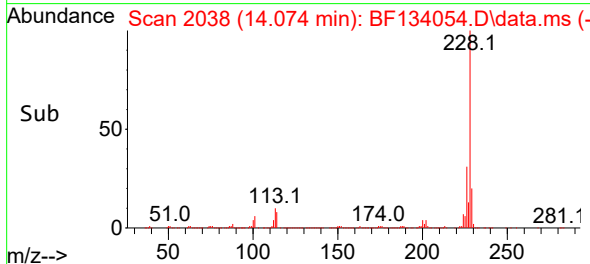
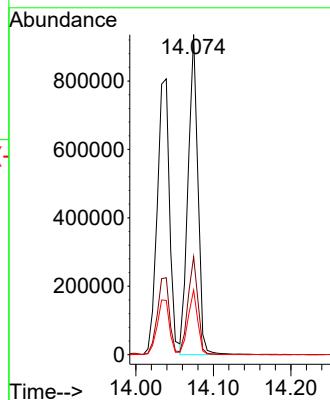
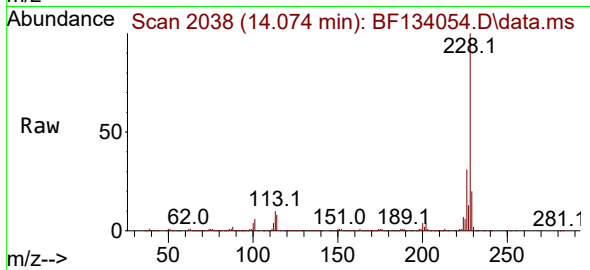
Tgt Ion:228 Resp: 822543

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 20.2 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.773 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

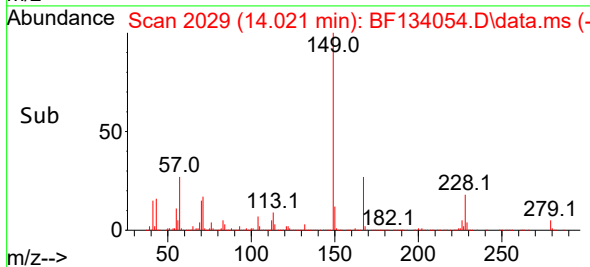
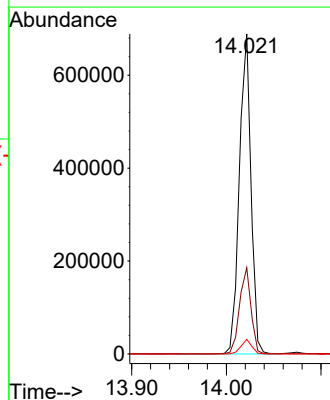
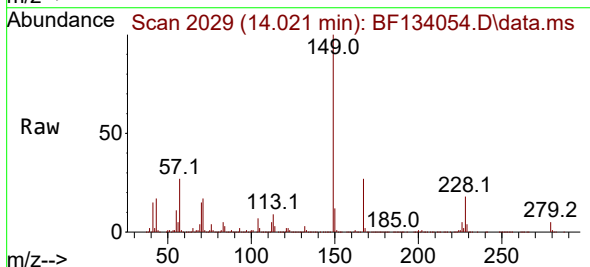
Tgt Ion:149 Resp: 584954

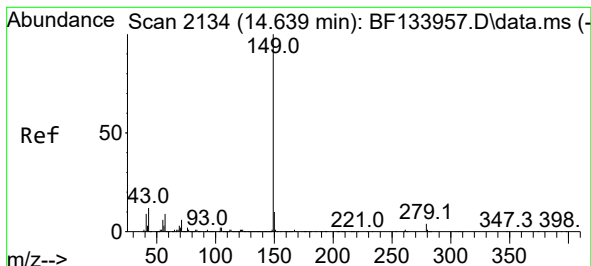
Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.4

279 4.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 45.785 ng

RT: 14.639 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

Instrument :

BNA_F

ClientSampleId :

PB153792BS

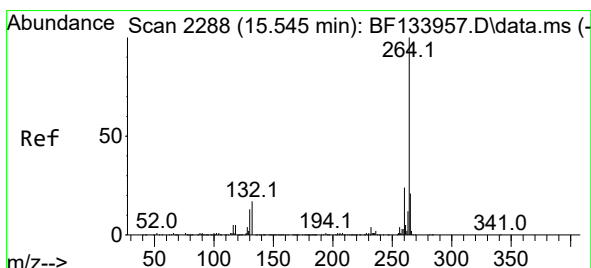
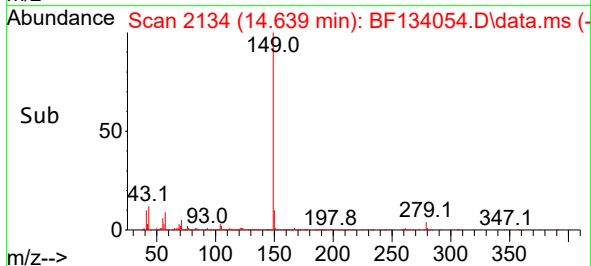
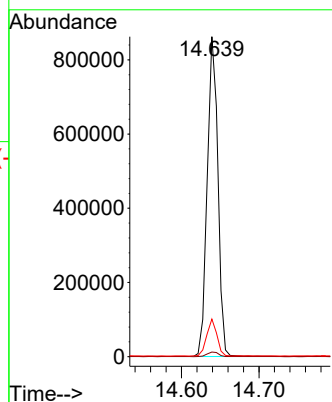
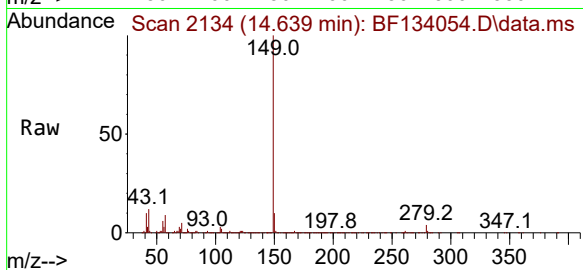
Tgt Ion:149 Resp: 823751

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.0 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2289

Delta R.T. 0.000 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

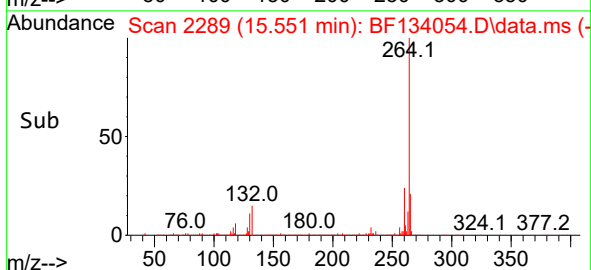
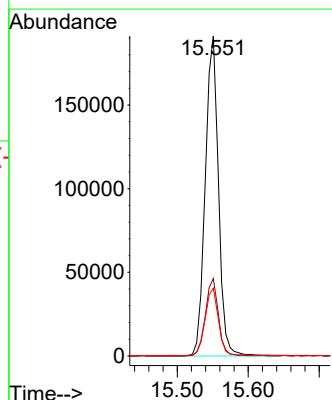
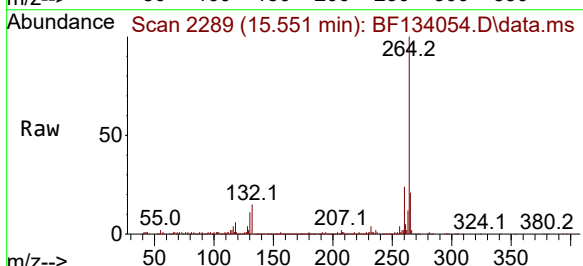
Tgt Ion:264 Resp: 247843

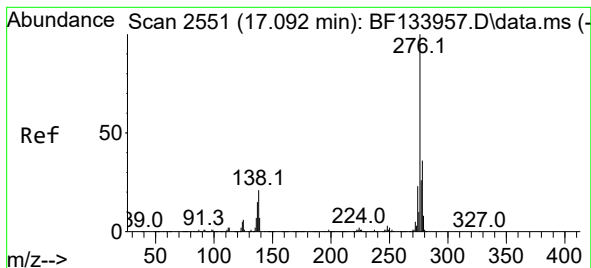
Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.2 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.136 ng

RT: 17.110 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

Instrument :

BNA_F

ClientSampleId :

PB153792BS

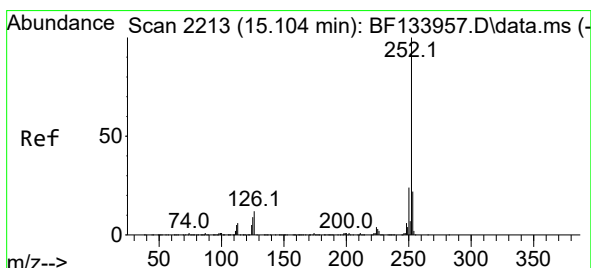
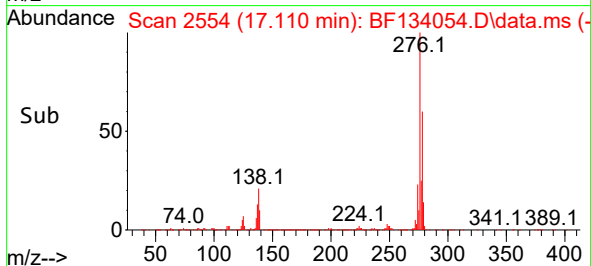
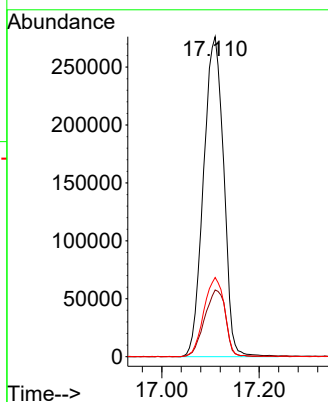
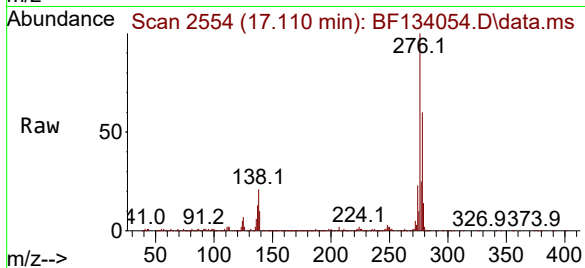
Tgt Ion:276 Resp: 793438

Ion Ratio Lower Upper

276 100

138 21.9 18.7 28.1

277 25.4 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 48.306 ng

RT: 15.104 min Scan# 2213

Delta R.T. -0.006 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

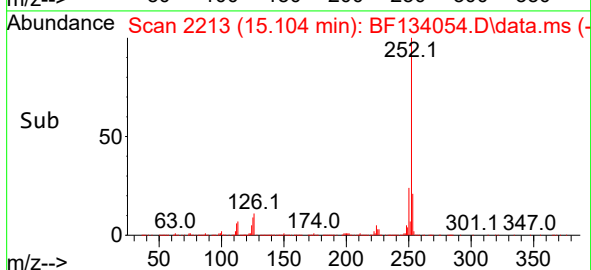
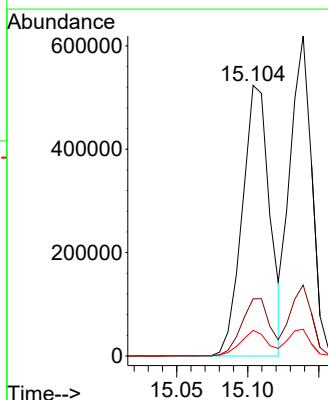
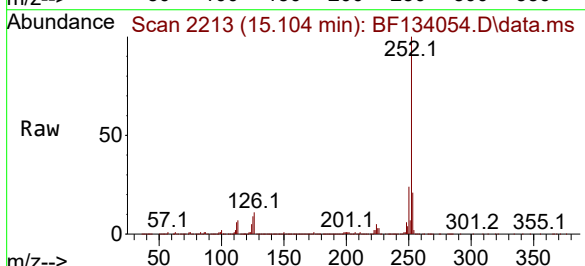
Tgt Ion:252 Resp: 703986

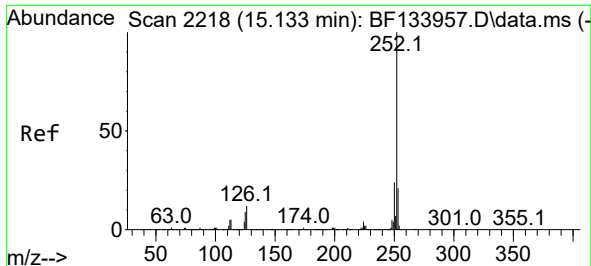
Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.0

125 9.5 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 44.738 ng

RT: 15.139 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

Instrument :

BNA_F

ClientSampleId :

PB153792BS

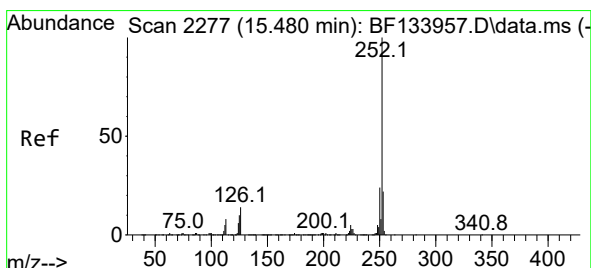
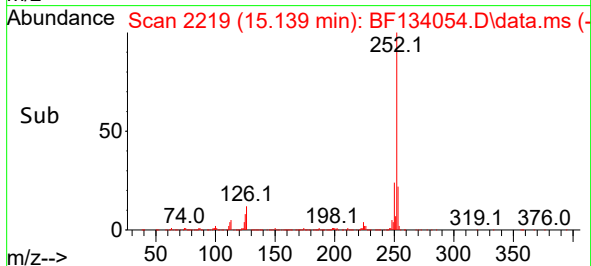
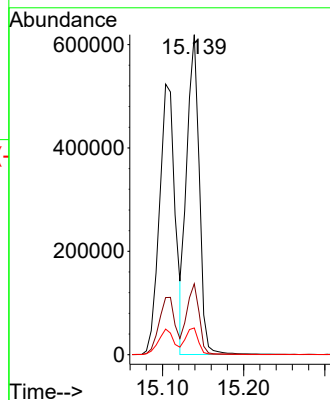
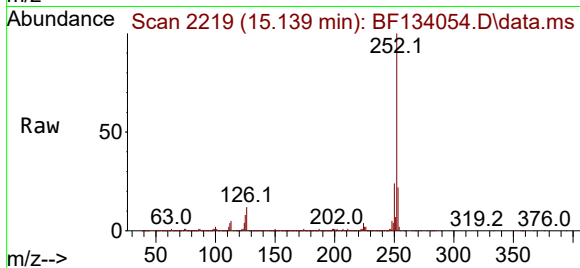
Tgt Ion:252 Resp: 663813

Ion Ratio Lower Upper

252 100

253 22.1 16.9 25.3

125 8.4 7.4 11.2



#90

Benzo(a)pyrene

Concen: 42.526 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

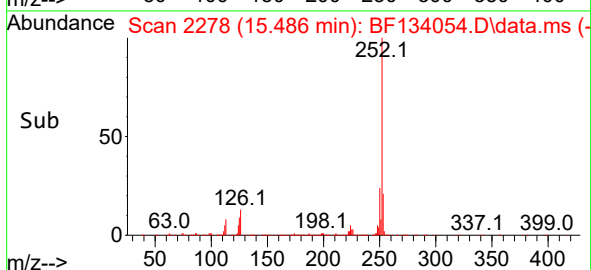
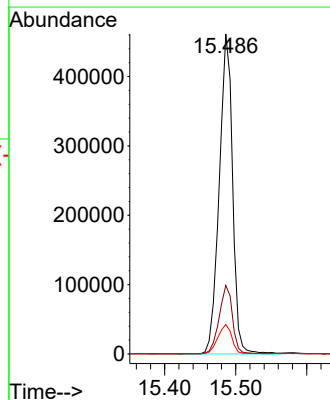
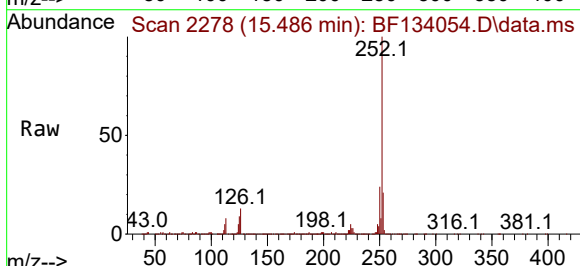
Tgt Ion:252 Resp: 599289

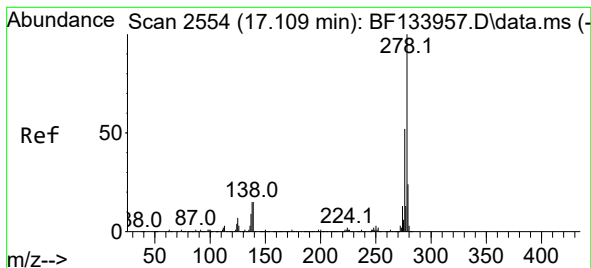
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 9.2 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 46.605 ng

RT: 17.127 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

Instrument :

BNA_F

ClientSampleId :

PB153792BS

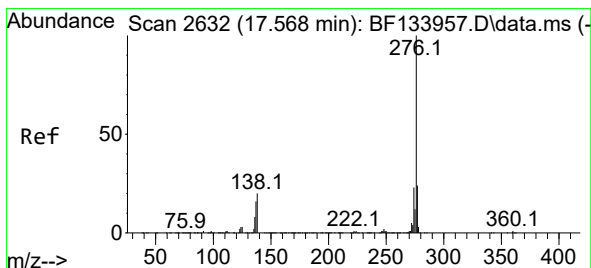
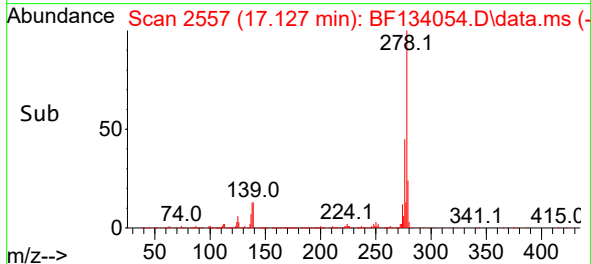
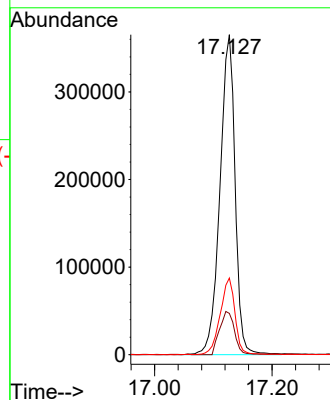
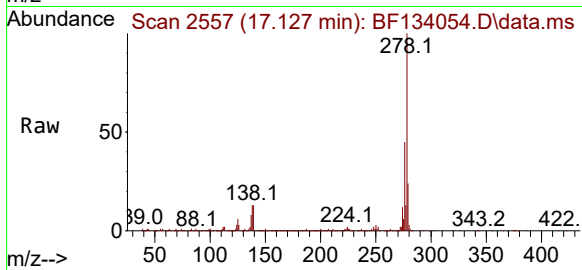
Tgt Ion:278 Resp: 654660

Ion Ratio Lower Upper

278 100

139 12.9 12.2 18.4

279 24.0 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 45.493 ng

RT: 17.580 min Scan# 2634

Delta R.T. 0.000 min

Lab File: BF134054.D

Acq: 30 Jun 2023 15:55

Tgt Ion:276 Resp: 659002

Ion Ratio Lower Upper

276 100

277 22.8 19.0 28.6

138 19.3 16.2 24.2

