

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
 Data File : BF134240.D
 Acq On : 12 Jul 2023 11:09
 Operator : CG\JU
 Sample : PB154118BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154118BS

Quant Time: Jul 12 13:12:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	106196	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	417902	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	218301	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	438795	20.000	ng	0.00
76) Chrysene-d12	14.045	240	239795	20.000	ng	0.00
86) Perylene-d12	15.551	264	196609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	740685	116.671	ng	0.02
7) Phenol-d6	6.492	99	881631	112.922	ng	0.00
23) Nitrobenzene-d5	7.416	82	613899	79.187	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	329730	120.469	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1155209	76.937	ng	0.00
79) Terphenyl-d14	12.980	244	1380892	92.681	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	102815	39.277	ng	100
3) Pyridine	3.499	79	215573	31.616	ng	97
4) n-Nitrosodimethylamine	3.451	42	162980	41.852	ng	100
6) Aniline	6.510	93	211756	22.289	ng	# 8
8) 2-Chlorophenol	6.634	128	295198	45.806	ng	99
9) Benzaldehyde	6.398	77	97196	19.670	ng	94
10) Phenol	6.504	94	340673	41.500	ng	85
11) bis(2-Chloroethyl)ether	6.587	93	260094	43.036	ng	96
12) 1,3-Dichlorobenzene	6.787	146	307127	44.702	ng	100
13) 1,4-Dichlorobenzene	6.863	146	313902	45.233	ng	99
14) 1,2-Dichlorobenzene	7.016	146	295931	45.533	ng	99
15) Benzyl Alcohol	6.992	79	266612	44.296	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	439517	41.108	ng	92
17) 2-Methylphenol	7.104	107	242019	41.937	ng	95
18) Hexachloroethane	7.351	117	116982	45.463	ng	93
19) n-Nitroso-di-n-propyla...	7.263	70	211451	42.707	ng	99
20) 3+4-Methylphenols	7.257	107	296050	42.286	ng	96
22) Acetophenone	7.257	105	421941	44.395	ng	# 98
24) Nitrobenzene	7.434	77	320831	40.953	ng	96
25) Isophorone	7.669	82	586025	41.593	ng	99
26) 2-Nitrophenol	7.745	139	162347	43.199	ng	91
27) 2,4-Dimethylphenol	7.786	122	262790	44.175	ng	97
28) bis(2-Chloroethoxy)met...	7.881	93	336716	41.273	ng	98
29) 2,4-Dichlorophenol	7.992	162	251830	42.690	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	265610	43.637	ng	97
31) Naphthalene	8.151	128	829780	41.107	ng	99
32) Benzoic acid	7.922	122	201433	45.188	ng	98
33) 4-Chloroaniline	8.198	127	93898	10.874	ng	97
34) Hexachlorobutadiene	8.263	225	168470	43.877	ng	100
35) Caprolactam	8.586	113	64178	33.042	ng	98
36) 4-Chloro-3-methylphenol	8.692	107	292080	44.075	ng	97
37) 2-Methylnaphthalene	8.839	142	566336	39.674	ng	98
38) 1-Methylnaphthalene	8.939	142	524383	39.515	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	276850	42.806	ng	98
41) Hexachlorocyclopentadiene	8.992	237	246460	80.324	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	185389	42.108	ng	99

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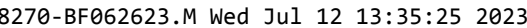
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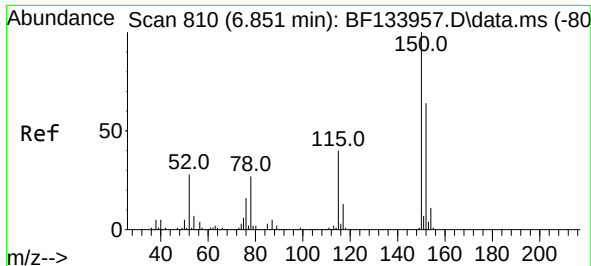
Quant Time: Jul 12 13:12:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	192081	37.090	ng	97
46) 1,1'-Biphenyl	9.310	154	720655	41.154	ng	98
47) 2-Chloronaphthalene	9.333	162	533720	41.657	ng	97
48) 2-Nitroaniline	9.433	65	191844	41.085	ng	98
49) Acenaphthylene	9.751	152	867820	39.650	ng	99
50) Dimethylphthalate	9.616	163	664866	41.957	ng	99
51) 2,6-Dinitrotoluene	9.680	165	144644	42.379	ng	98
52) Acenaphthene	9.922	154	520787	41.007	ng	99
53) 3-Nitroaniline	9.851	138	108794	26.570	ng	95
54) 2,4-Dinitrophenol	9.963	184	163330	82.725	ng	90
55) Dibenzofuran	10.098	168	786965	39.650	ng	99
56) 4-Nitrophenol	10.022	139	205413	71.720	ng	92
57) 2,4-Dinitrotoluene	10.086	165	190104	42.176	ng	# 81
58) Fluorene	10.439	166	640869	41.503	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	177927	43.556	ng	97
60) Diethylphthalate	10.316	149	689737	41.778	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	304366	40.901	ng	98
62) 4-Nitroaniline	10.475	138	156326	37.884	ng	97
63) Azobenzene	10.592	77	633434	40.561	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	111049	46.420	ng	99
66) n-Nitrosodiphenylamine	10.557	169	563627	40.203	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	192539	41.283	ng	# 88
68) Hexachlorobenzene	10.992	284	222690	44.970	ng	97
69) Atrazine	11.086	200	156583	40.378	ng	99
70) Pentachlorophenol	11.192	266	201396	68.020	ng	96
71) Phenanthrene	11.410	178	903103	40.883	ng	100
72) Anthracene	11.463	178	931745	40.553	ng	99
73) Carbazole	11.622	167	874777	41.597	ng	99
74) Di-n-butylphthalate	11.945	149	1083619	43.330	ng	99
75) Fluoranthene	12.604	202	986643	41.315	ng	99
77) Benzidine	12.727	184	116599	20.435	ng	100
78) Pyrene	12.839	202	971419	43.530	ng	99
80) Butylbenzylphthalate	13.457	149	395436	47.247	ng	99
81) Benzo(a)anthracene	14.033	228	689193	41.442	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	158227	30.031	ng	99
83) Chrysene	14.074	228	655539	40.698	ng	98
84) Bis(2-ethylhexyl)phtha...	14.015	149	476422	49.539	ng	99
85) Di-n-octyl phthalate	14.639	149	685541	48.513	ng	99
87) Indeno(1,2,3-cd)pyrene	17.104	276	683158	50.075	ng	97
88) Benzo(b)fluoranthene	15.104	252	545601	47.194	ng	98
89) Benzo(k)fluoranthene	15.139	252	523558	44.480	ng	99
90) Benzo(a)pyrene	15.486	252	468409	41.900	ng	100
91) Dibenzo(a,h)anthracene	17.127	278	571677	51.303	ng	98
92) Benzo(g,h,i)perylene	17.580	276	568232	49.449	ng	98

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

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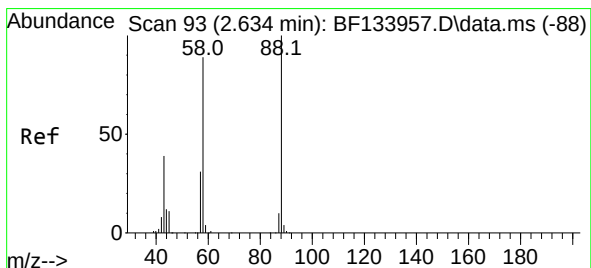
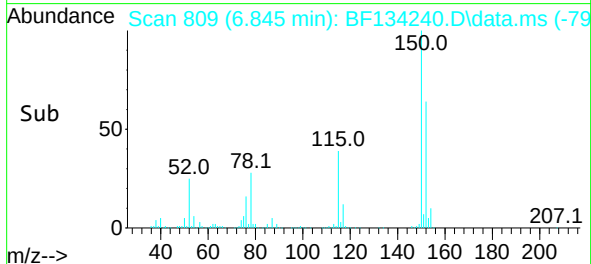
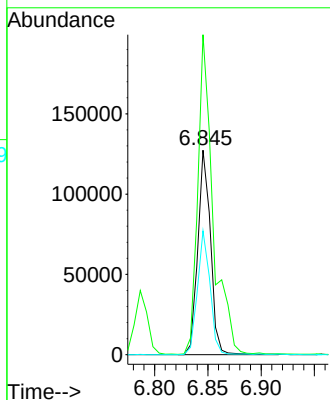
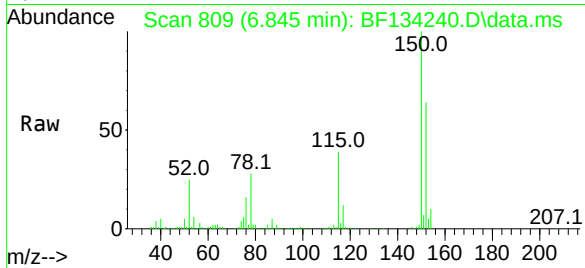




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134240.D
 Acq: 12 Jul 2023 11:09

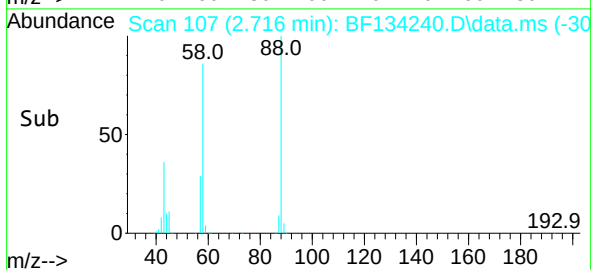
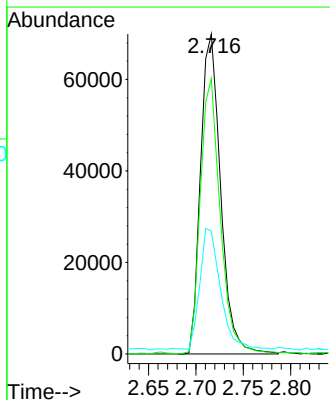
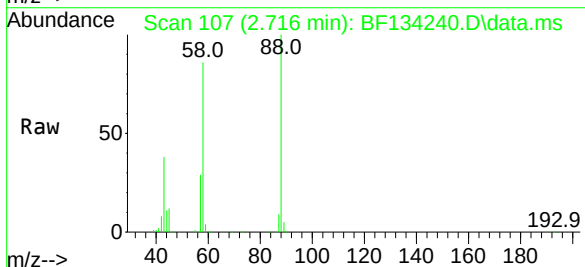
Instrument :
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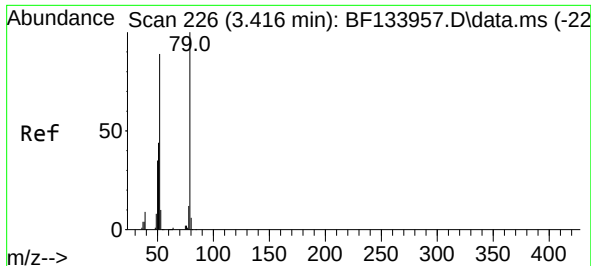
Tgt Ion:152 Resp: 106196
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.5 186.7
 115 60.6 50.2 75.2



#2
 1,4-Dioxane
 Concen: 39.277 ng
 RT: 2.716 min Scan# 107
 Delta R.T. 0.100 min
 Lab File: BF134240.D
 Acq: 12 Jul 2023 11:09

Tgt Ion: 88 Resp: 102815
 Ion Ratio Lower Upper
 88 100
 58 85.6 68.8 103.2
 43 38.3 30.7 46.1

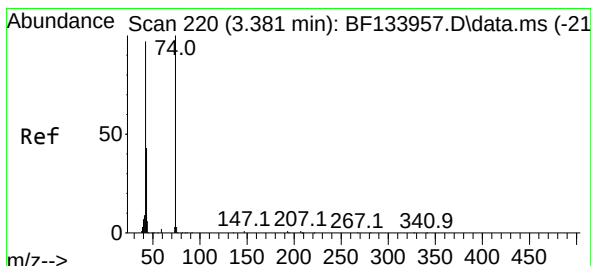
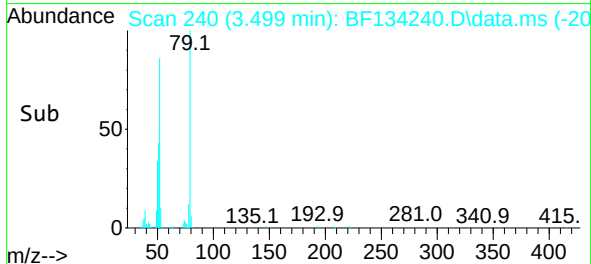
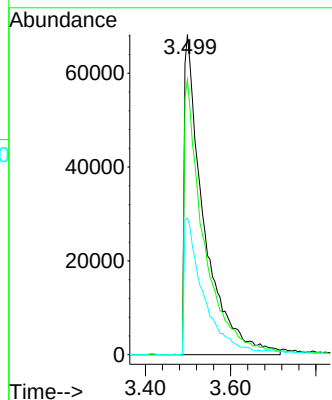
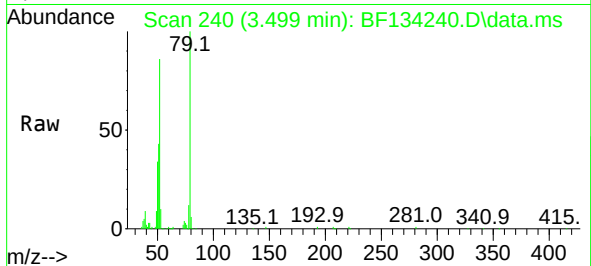




#3
Pyridine
Concen: 31.616 ng
RT: 3.499 min Scan# 24
Delta R.T. 0.100 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

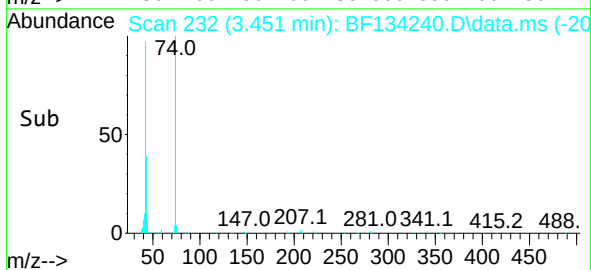
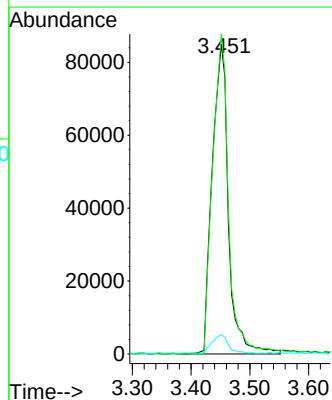
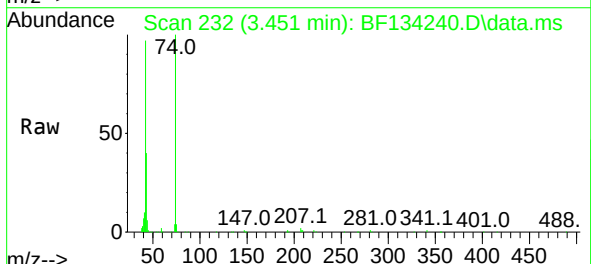
Instrument :
BNA_F
ClientSampleId :
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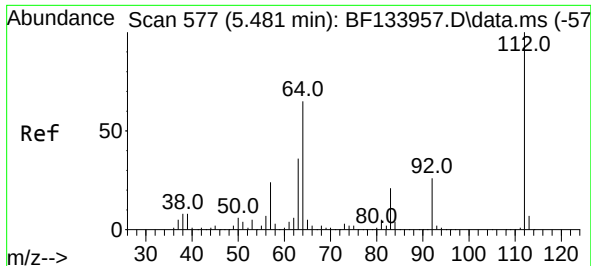
Tgt Ion: 79 Resp: 215573
Ion Ratio Lower Upper
79 100
52 85.9 71.1 106.7
51 42.7 35.2 52.8



#4
n-Nitrosodimethylamine
Concen: 41.852 ng
RT: 3.451 min Scan# 232
Delta R.T. 0.088 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion: 42 Resp: 162980
Ion Ratio Lower Upper
42 100
74 103.3 82.4 123.6
44 6.2 4.9 7.3

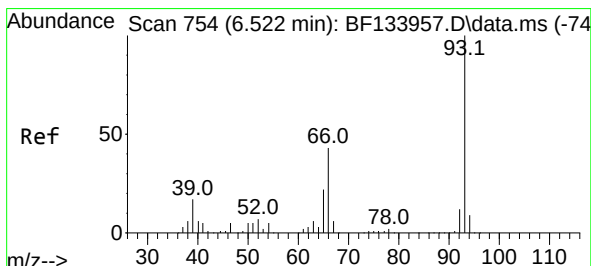
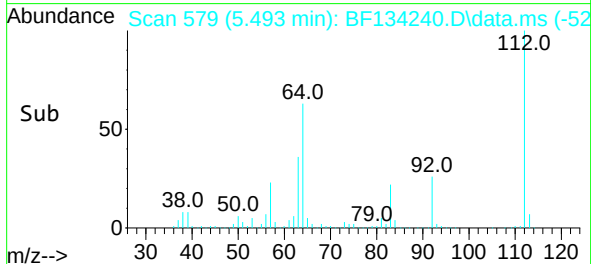
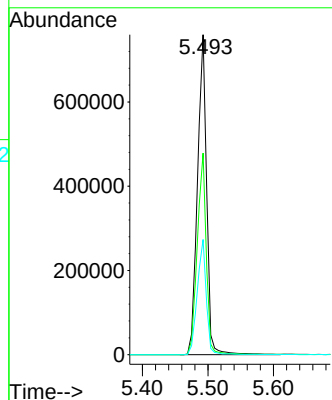
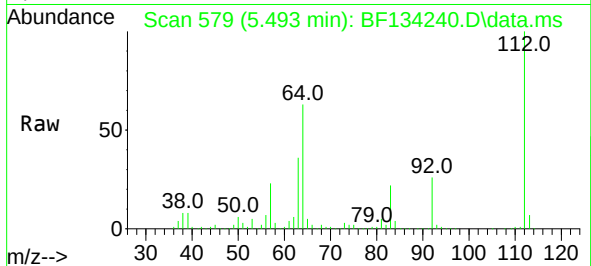




#5
2-Fluorophenol
Concen: 116.671 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

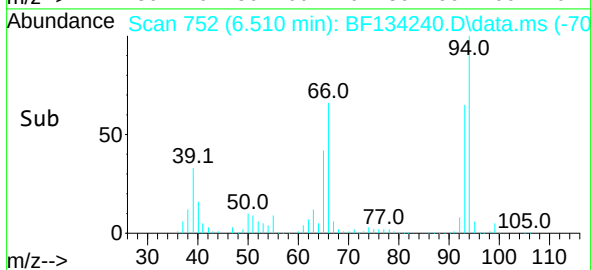
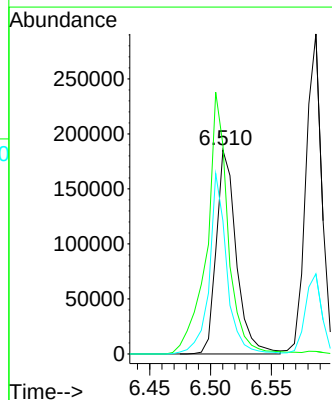
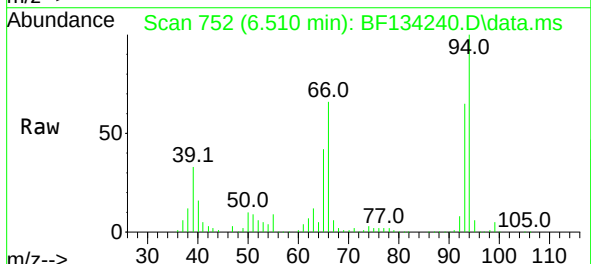
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ClientSampleId :
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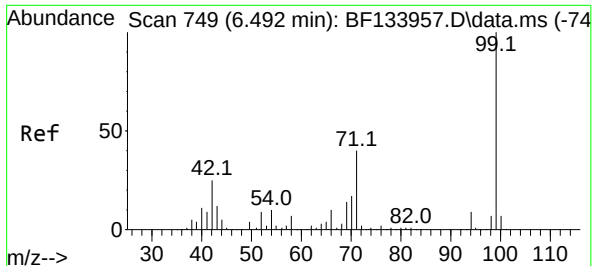
Tgt Ion:112 Resp: 740685
Ion Ratio Lower Upper
112 100
64 63.0 52.1 78.1
63 36.0 28.6 42.8



#6
Aniline
Concen: 22.289 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

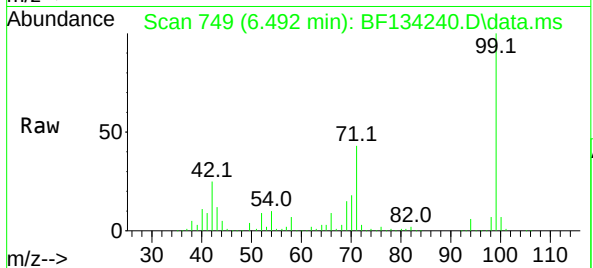
Tgt Ion: 93 Resp: 211756
Ion Ratio Lower Upper
93 100
66 102.5 34.5 51.7#
65 65.3 17.8 26.6#





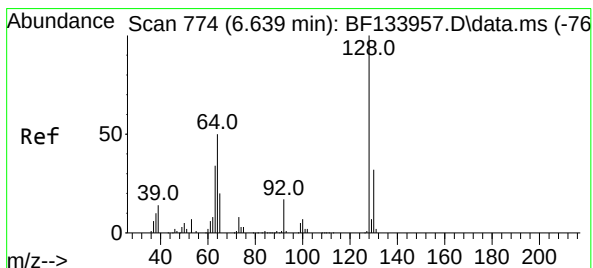
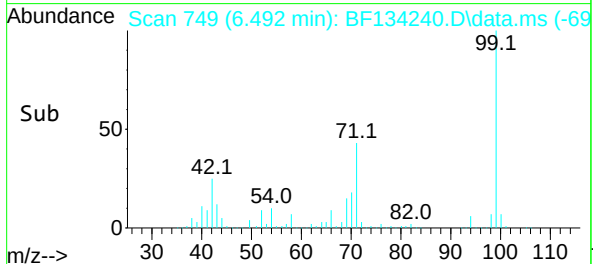
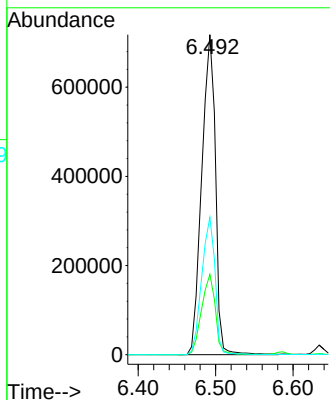
#7
Phenol-d6
Concen: 112.922 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Instrument :
BNA_F
ClientSampleId :
PB154118BS



Tgt Ion: 99 Resp: 881631

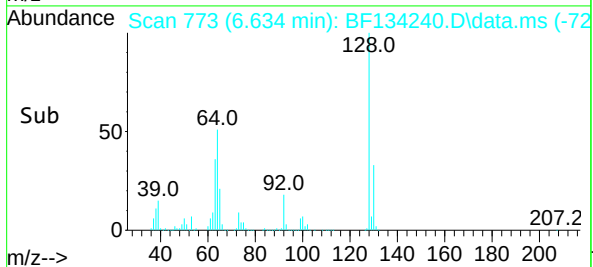
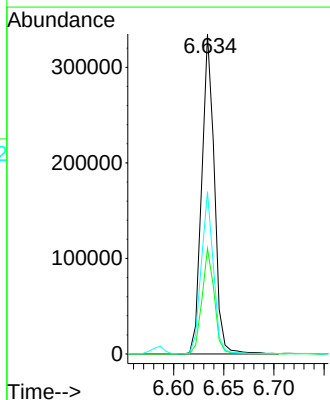
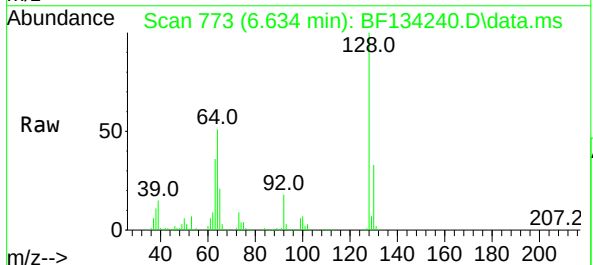
Ion	Ratio	Lower	Upper
99	100		
42	25.1	19.8	29.6
71	43.0	31.9	47.9

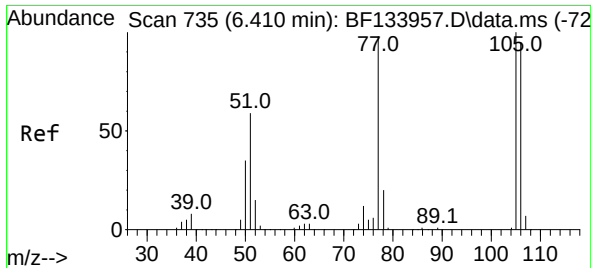


#8
2-Chlorophenol
Concen: 45.806 ng
RT: 6.634 min Scan# 773
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion: 128 Resp: 295198

Ion	Ratio	Lower	Upper
128	100		
130	33.0	11.7	51.7
64	50.7	31.3	71.3





#9

Benzaldehyde

Concen: 19.670 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

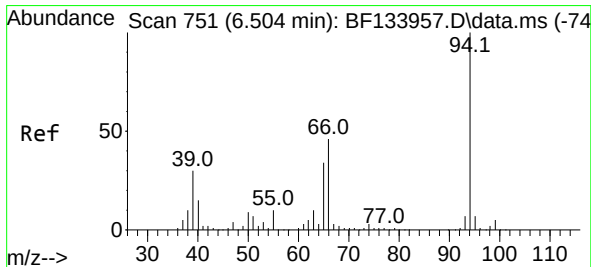
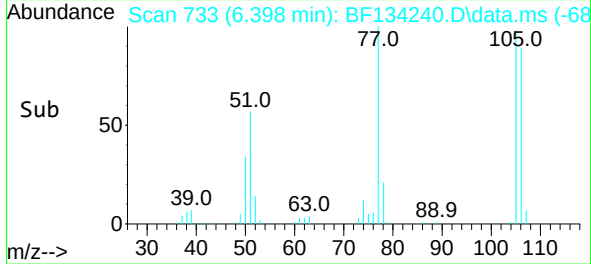
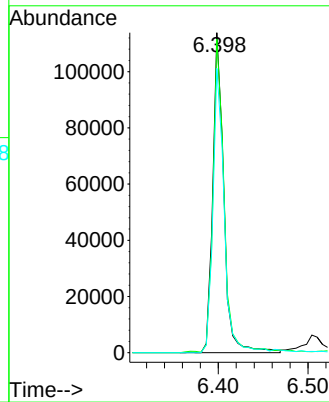
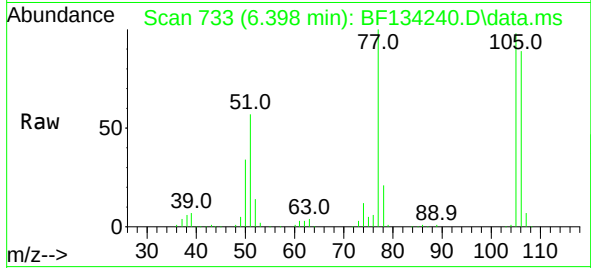
Tgt Ion: 77 Resp: 97196

Ion Ratio Lower Upper

77 100

105 98.0 82.0 122.0

106 88.9 76.9 116.9



#10

Phenol

Concen: 41.500 ng

RT: 6.504 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

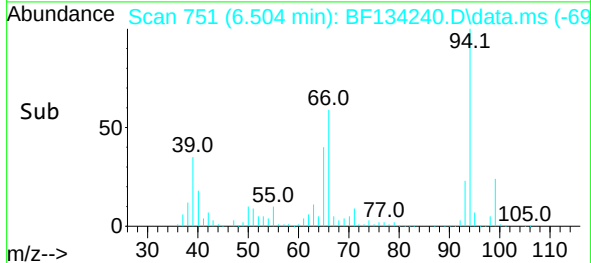
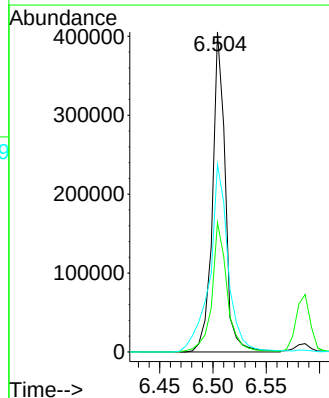
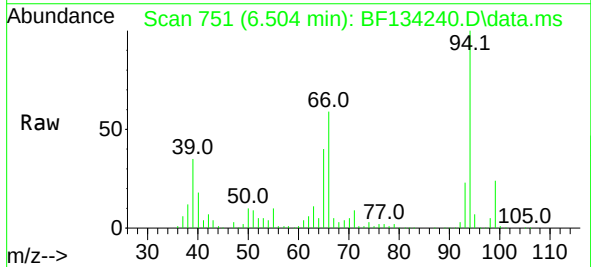
Tgt Ion: 94 Resp: 340673

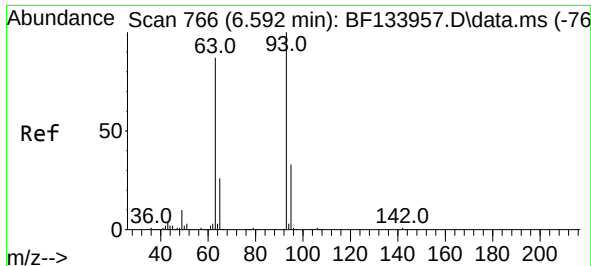
Ion Ratio Lower Upper

94 100

65 40.5 14.2 54.2

66 58.6 26.4 66.4





#11

bis(2-Chloroethyl)ether

Concen: 43.036 ng

RT: 6.587 min Scan# 709

Delta R.T. -0.000 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

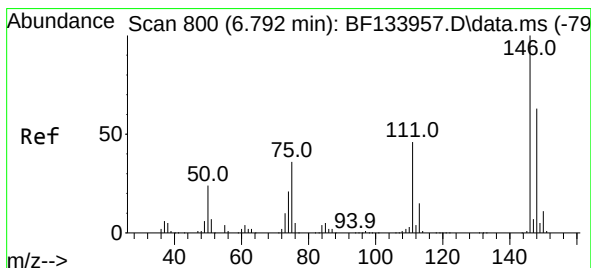
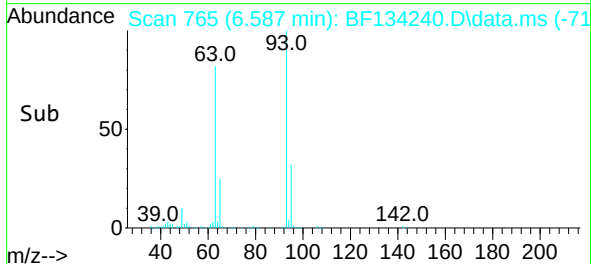
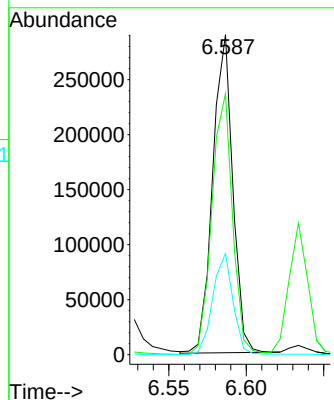
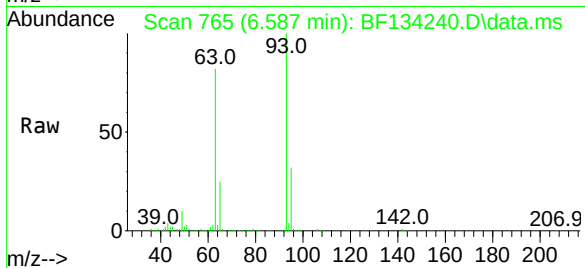
Tgt Ion: 93 Resp: 260094

Ion Ratio Lower Upper

93 100

63 81.6 66.5 106.5

95 31.7 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 44.702 ng

RT: 6.787 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

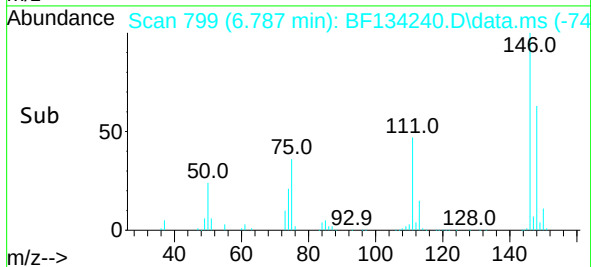
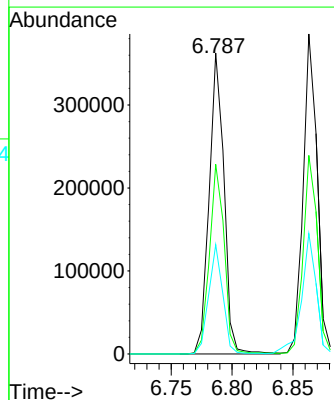
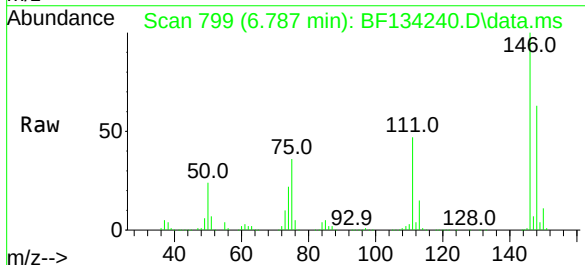
Tgt Ion: 146 Resp: 307127

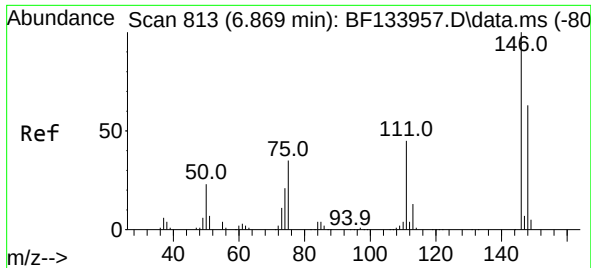
Ion Ratio Lower Upper

146 100

148 63.0 50.5 75.7

75 36.3 29.0 43.6

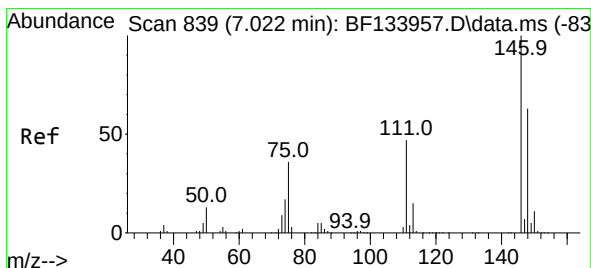
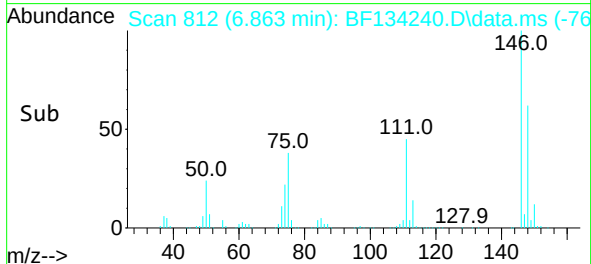
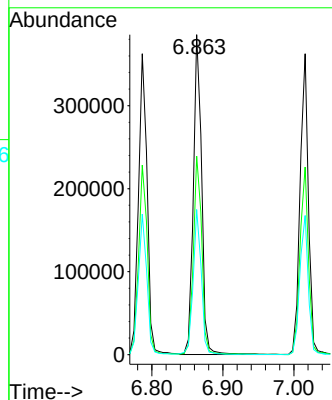
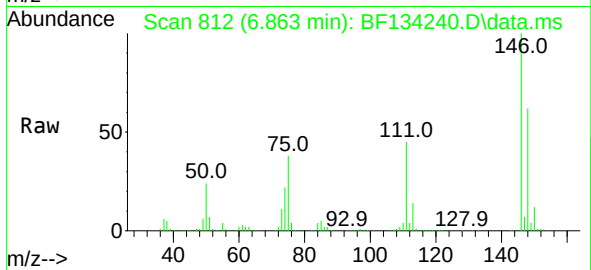




#13
1,4-Dichlorobenzene
Concen: 45.233 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

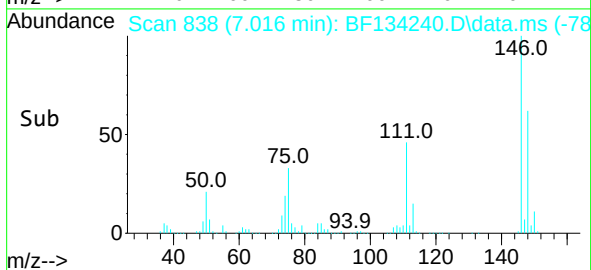
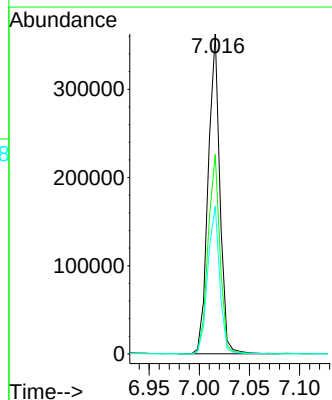
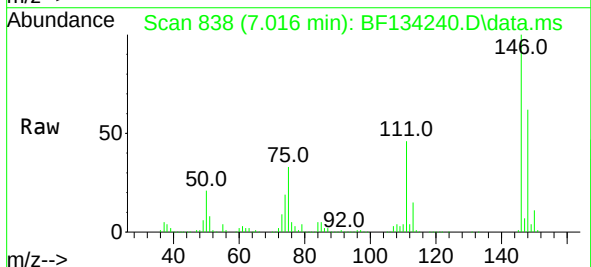
Instrument :
BNA_F
ClientSampleId :
PB154118BS

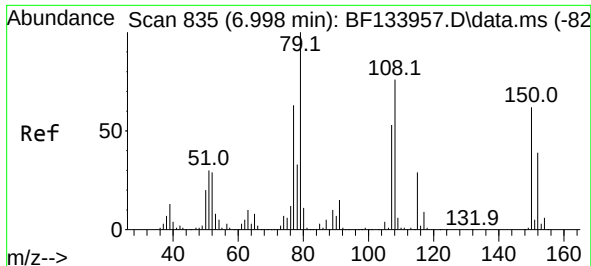
Tgt Ion:146 Resp: 313902
Ion Ratio Lower Upper
146 100
148 62.0 50.2 75.2
111 45.4 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 45.533 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:146 Resp: 295931
Ion Ratio Lower Upper
146 100
148 62.3 50.6 76.0
111 46.3 38.0 57.0

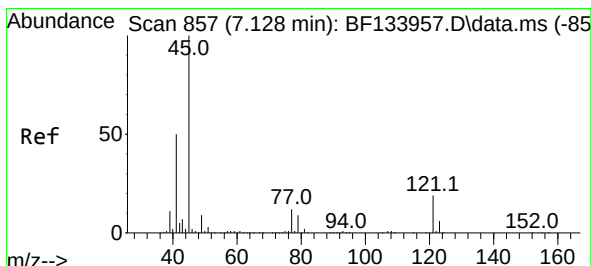
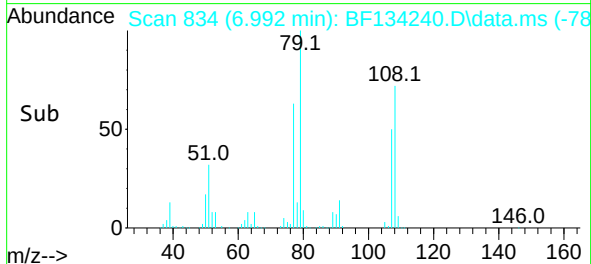
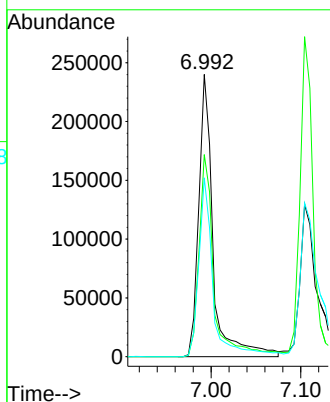
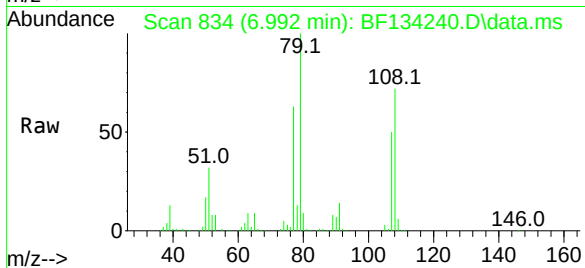




#15
Benzyl Alcohol
Concen: 44.296 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

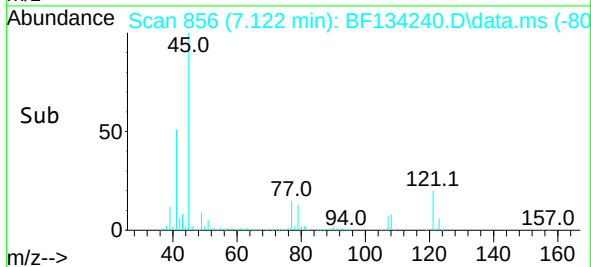
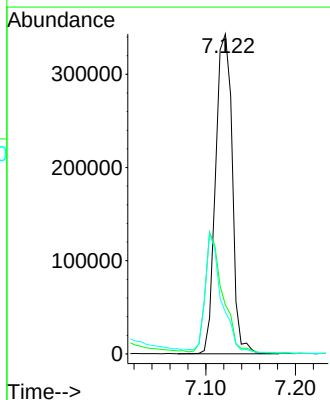
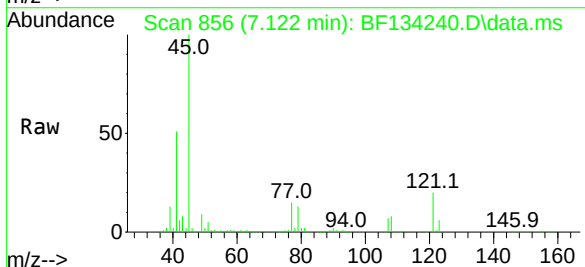
Instrument :
BNA_F
ClientSampleId :
PB154118BS

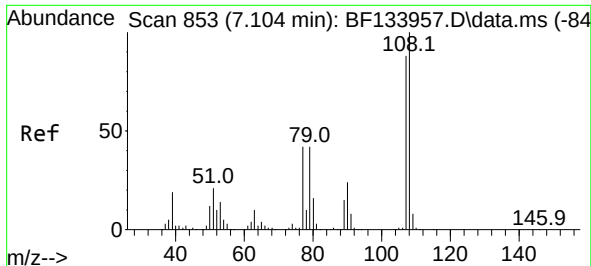
Tgt Ion: 79 Resp: 266612
Ion Ratio Lower Upper
79 100
108 71.6 60.7 91.1
77 63.4 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.108 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion: 45 Resp: 439517
Ion Ratio Lower Upper
45 100
77 15.3 0.0 32.9
79 13.0 0.0 29.5

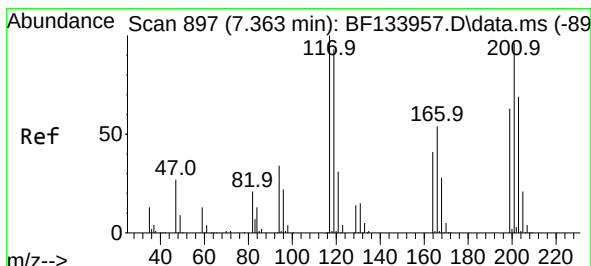
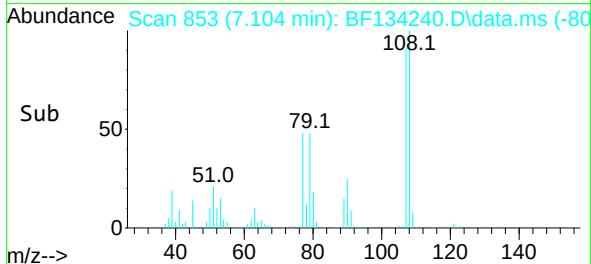
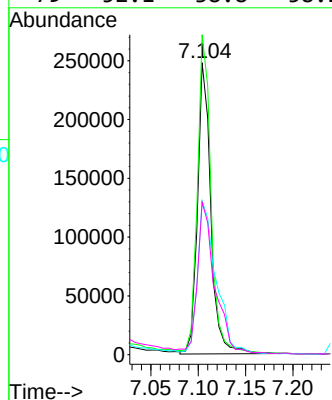
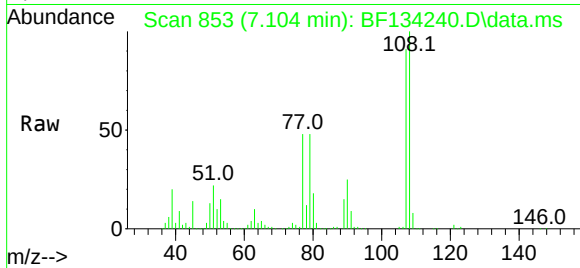




#17
2-Methylphenol
Concen: 41.937 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

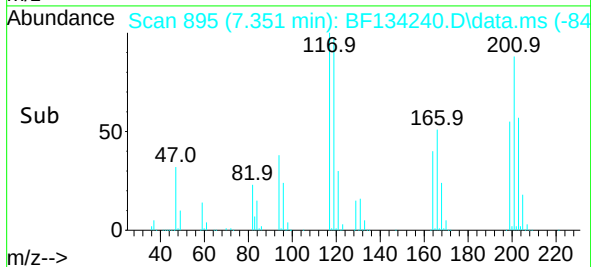
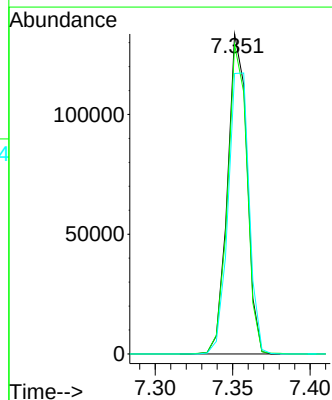
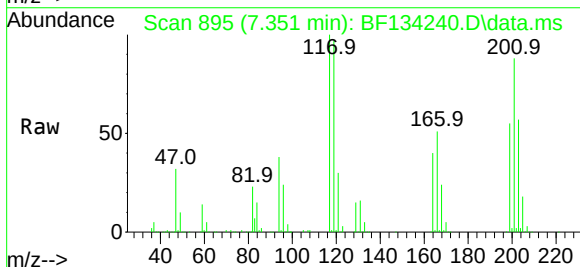
Instrument :
BNA_F
ClientSampleId :
PB154118BS

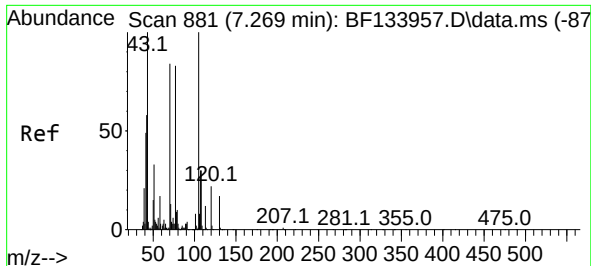
Tgt Ion:107 Resp: 242019
Ion Ratio Lower Upper
107 100
108 109.6 90.6 136.0
77 52.7 38.3 57.5
79 52.1 38.8 58.2



#18
Hexachloroethane
Concen: 45.463 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:117 Resp: 116982
Ion Ratio Lower Upper
117 100
119 96.6 74.2 111.4
201 87.6 77.2 115.8

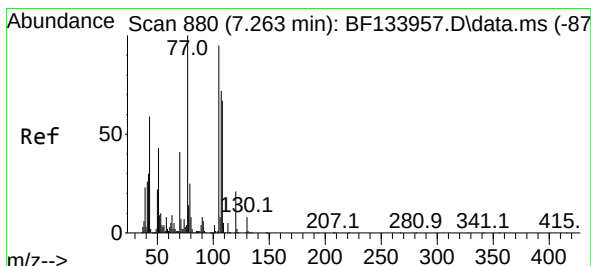
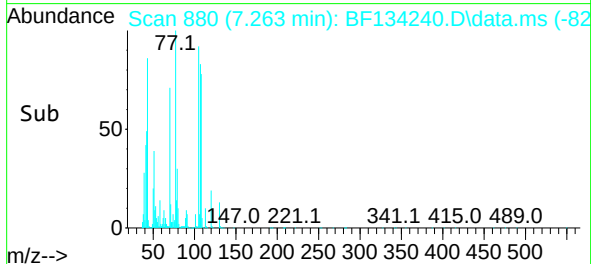
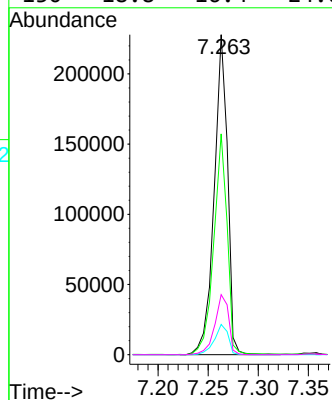
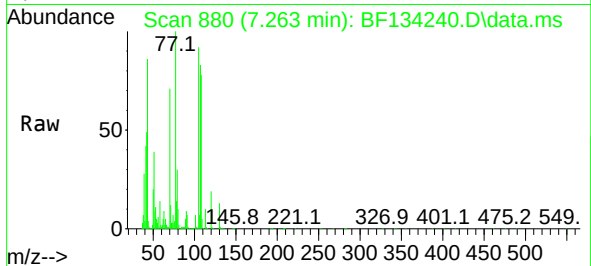




#19
n-Nitroso-di-n-propylamine
Concen: 42.707 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

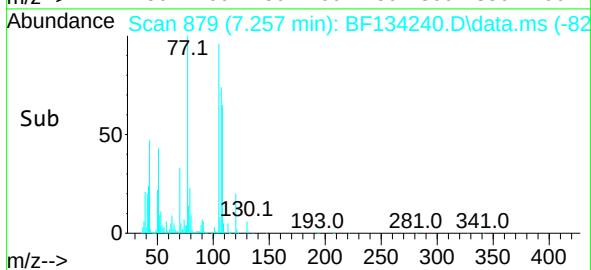
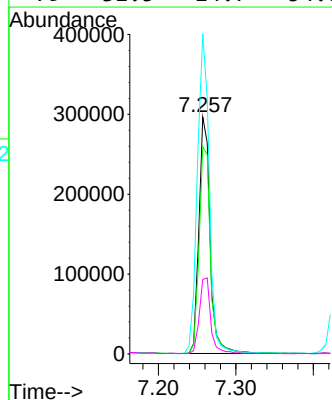
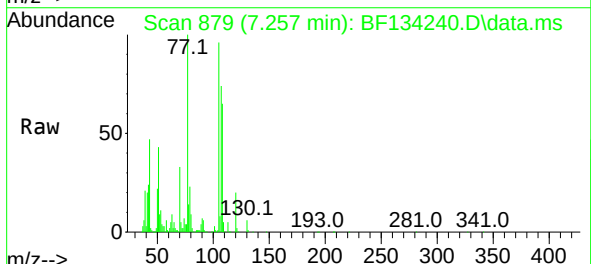
Instrument :
BNA_F
ClientSampleId :
PB154118BS

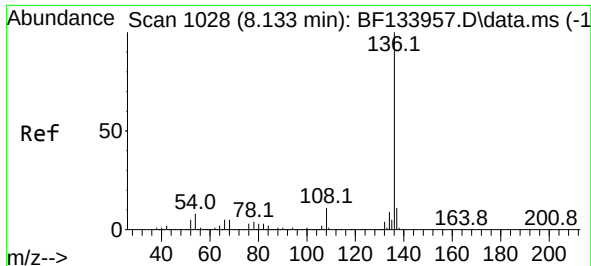
Tgt Ion: 70 Resp: 211451
Ion Ratio Lower Upper
70 100
42 69.0 54.7 82.1
101 9.4 7.7 11.5
130 18.8 16.4 24.6



#20
3+4-Methylphenols
Concen: 42.286 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion: 107 Resp: 296050
Ion Ratio Lower Upper
107 100
108 87.5 73.2 113.2
77 135.1 118.3 158.3
79 31.5 14.7 54.7



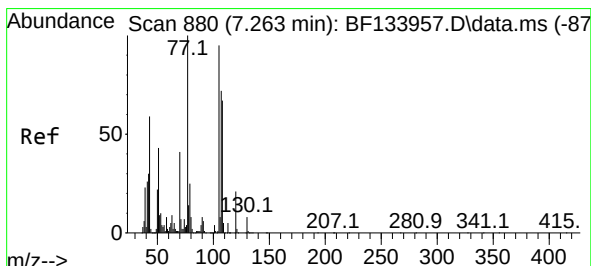
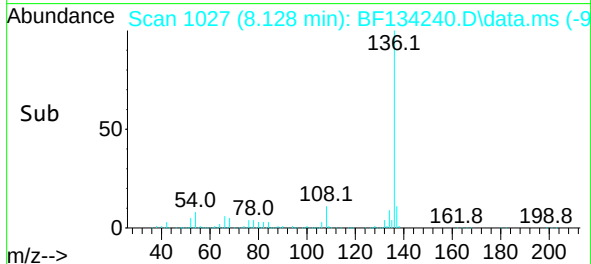
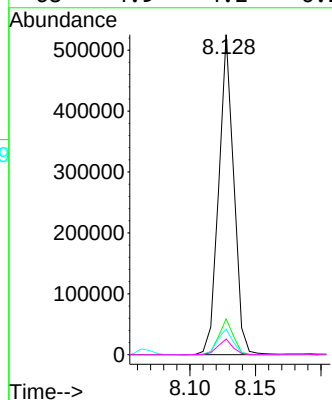
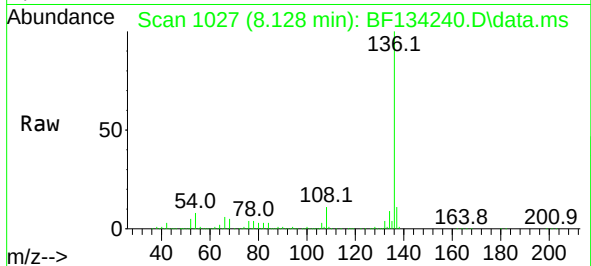


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Instrument :
BNA_F
ClientSampleId :
PB154118BS

Tgt Ion:136 Resp: 417902

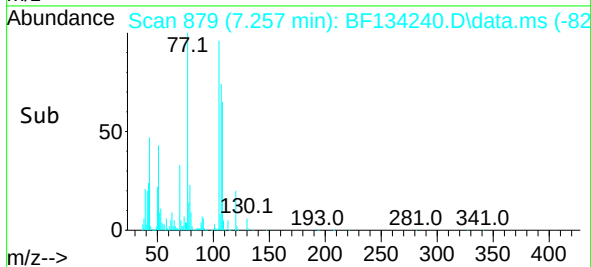
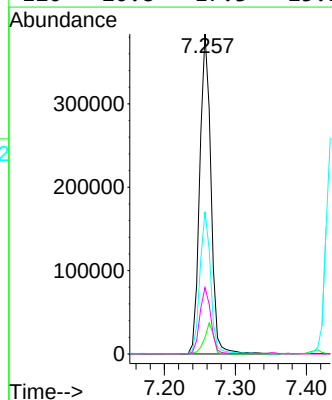
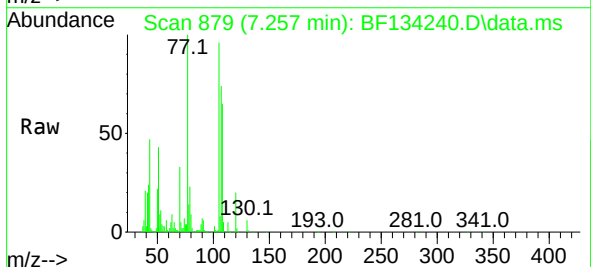
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	8.0	6.5	9.7
68	4.9	4.2	6.2

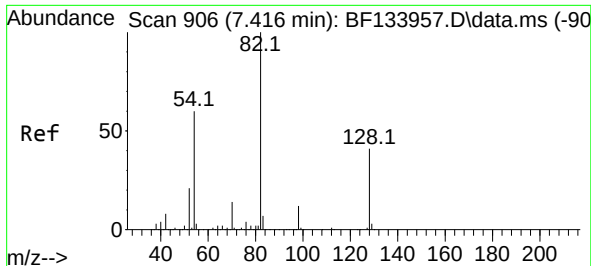


#22
Acetophenone
Concen: 44.395 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:105 Resp: 421941

Ion	Ratio	Lower	Upper
105	100		
71	5.1	5.5	8.3#
51	44.4	36.5	54.7
120	20.8	17.3	25.9





#23

Nitrobenzene-d5

Concen: 79.187 ng

RT: 7.416 min Scan# 906

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

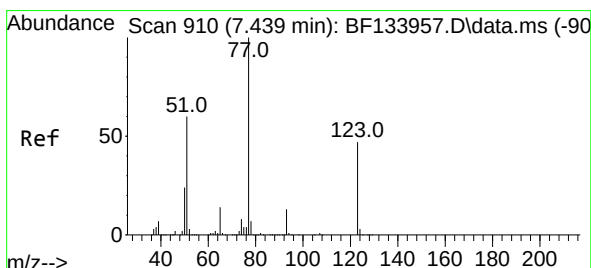
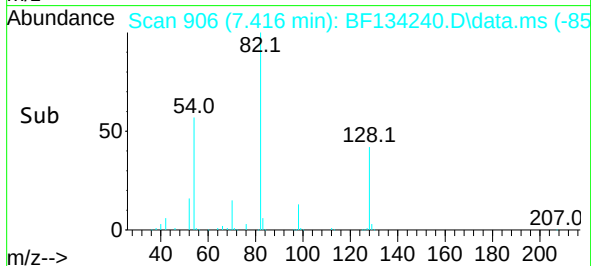
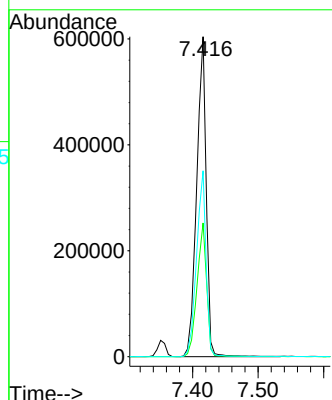
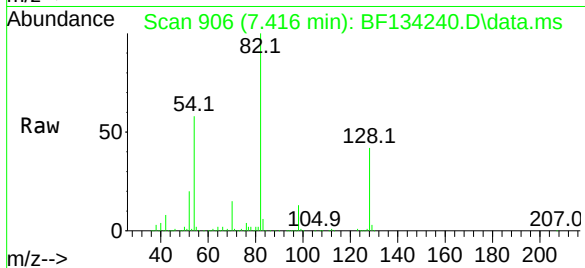
Tgt Ion: 82 Resp: 613899

Ion Ratio Lower Upper

82 100

128 41.8 32.5 48.7

54 58.1 48.2 72.2



#24

Nitrobenzene

Concen: 40.953 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

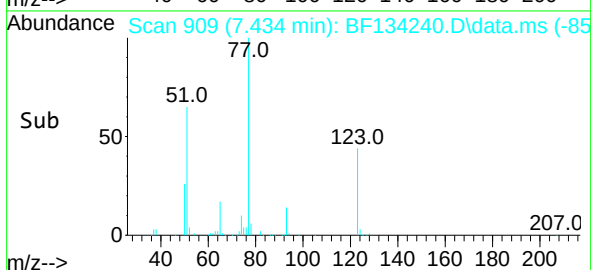
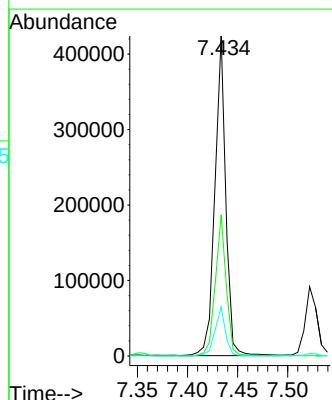
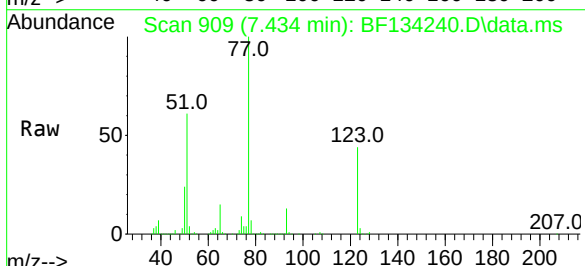
Tgt Ion: 77 Resp: 320831

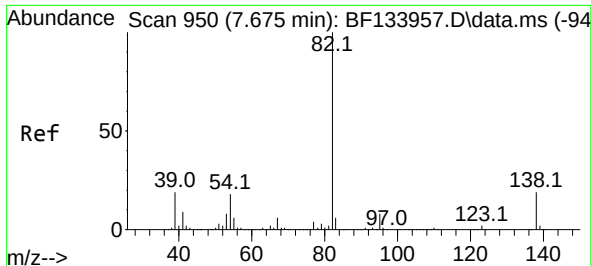
Ion Ratio Lower Upper

77 100

123 44.1 37.8 56.6

65 15.3 11.3 16.9

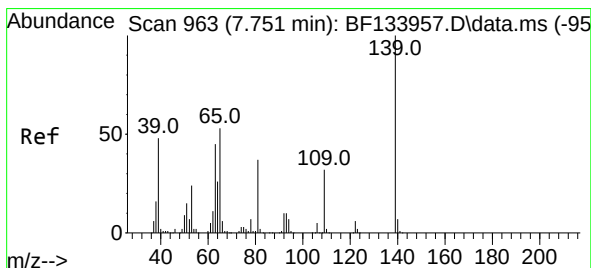
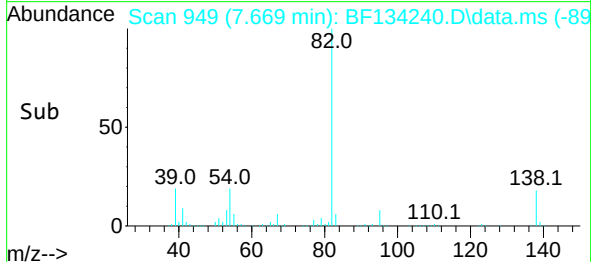
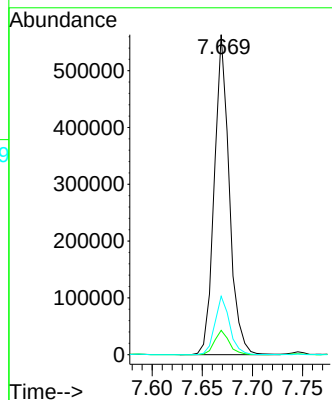
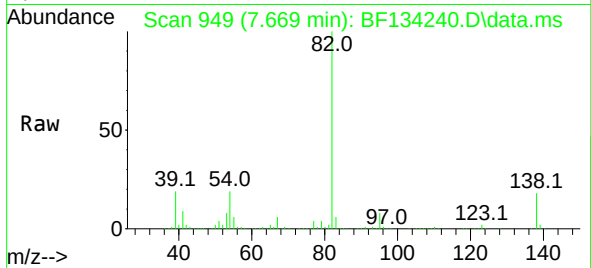




#25
Isophorone
Concen: 41.593 ng
RT: 7.669 min Scan# 949
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

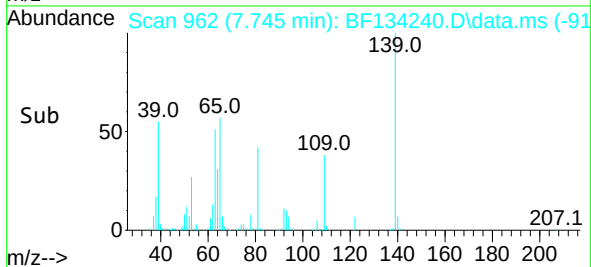
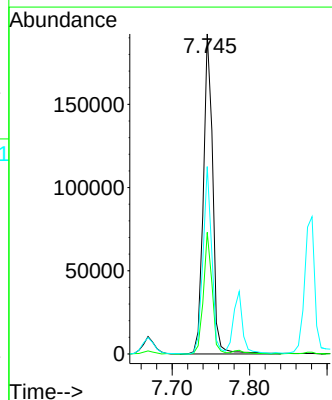
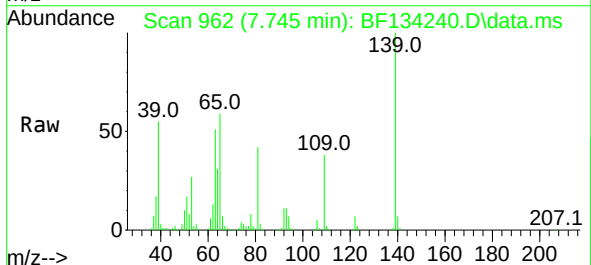
Instrument :
BNA_F
ClientSampleId :
PB154118BS

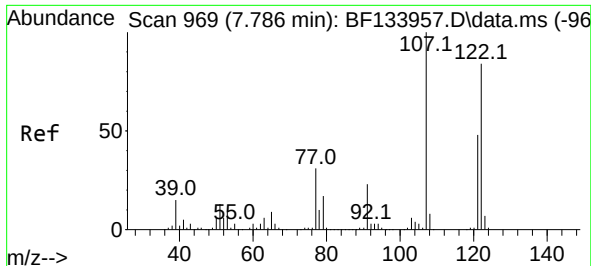
Tgt Ion: 82 Resp: 586025
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 18.3 15.2 22.8



#26
2-Nitrophenol
Concen: 43.199 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:139 Resp: 162347
Ion Ratio Lower Upper
139 100
109 38.0 25.8 38.8
65 58.6 42.4 63.6

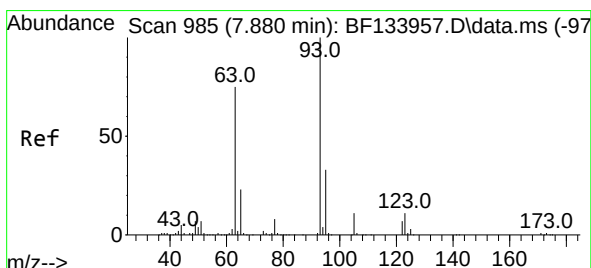
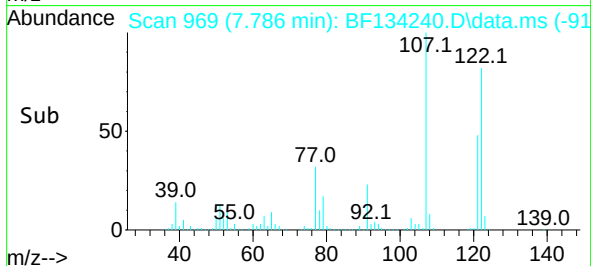
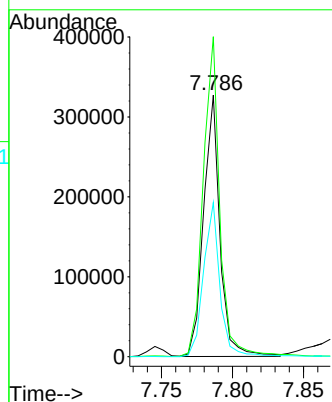
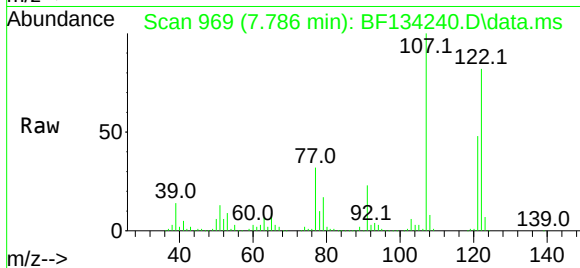




#27
2,4-Dimethylphenol
Concen: 44.175 ng
RT: 7.786 min Scan# 969
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

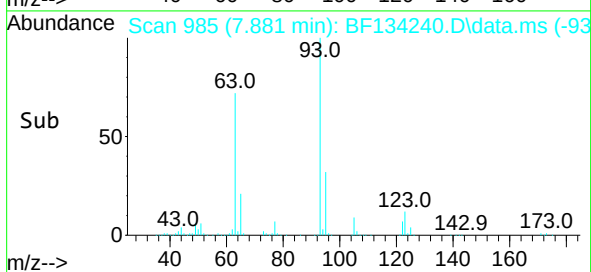
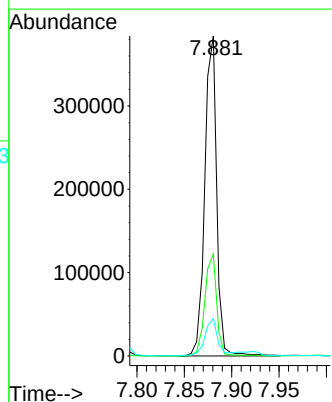
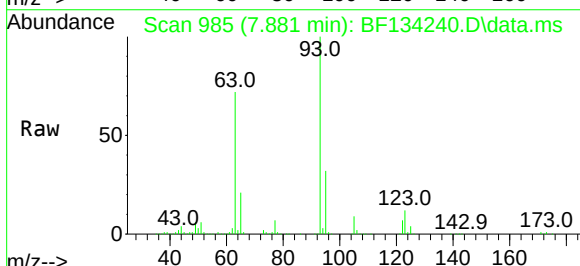
Instrument :
BNA_F
ClientSampleId :
PB154118BS

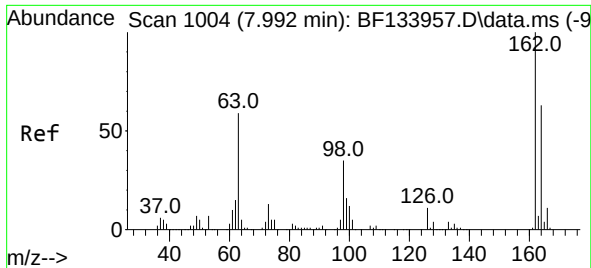
Tgt Ion:	122	Resp:	262790
Ion	Ratio	Lower	Upper
122	100		
107	122.4	95.5	143.3
121	58.9	45.5	68.3



#28
bis(2-Chloroethoxy)methane
Concen: 41.273 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:	93	Resp:	336716
Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.5	39.7
123	11.6	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 42.690 ng

RT: 7.992 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BF134240.D

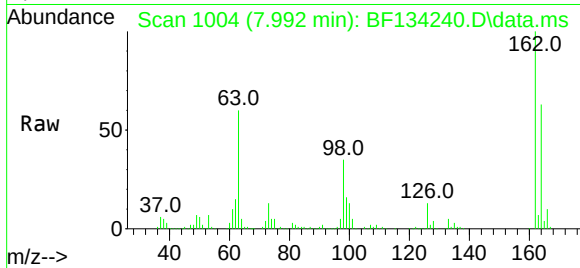
Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS



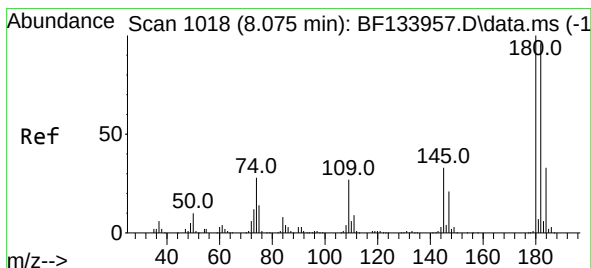
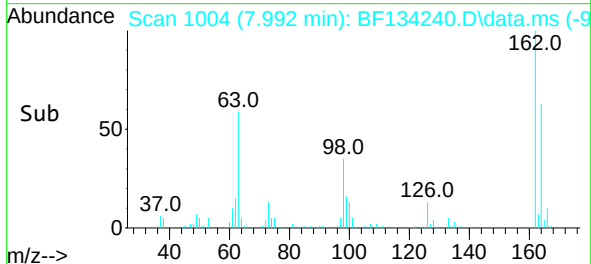
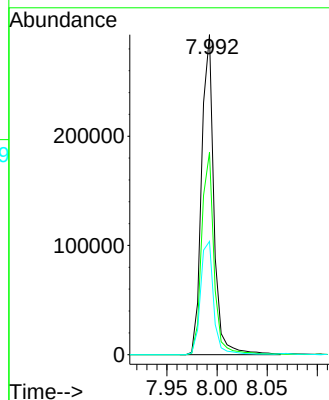
Tgt Ion:162 Resp: 251830

Ion Ratio Lower Upper

162 100

164 63.2 43.2 83.2

98 35.4 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 43.637 ng

RT: 8.069 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

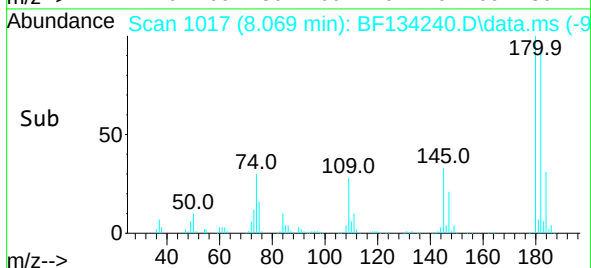
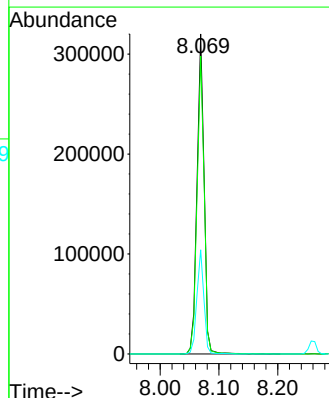
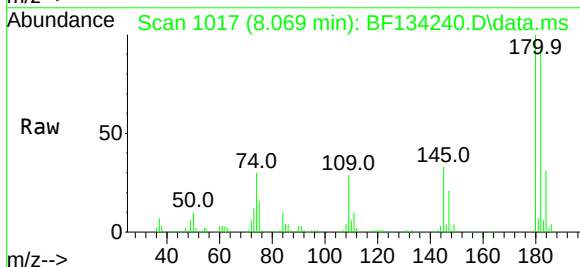
Tgt Ion:180 Resp: 265610

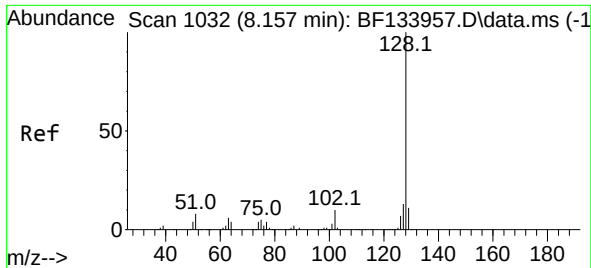
Ion Ratio Lower Upper

180 100

182 93.1 77.1 115.7

145 32.6 26.0 39.0

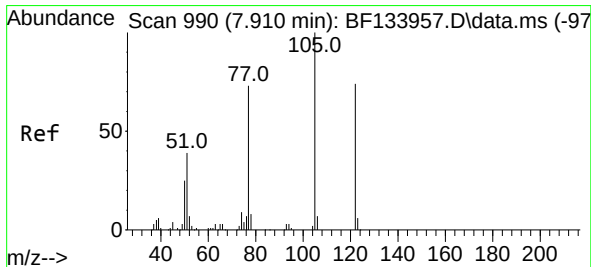
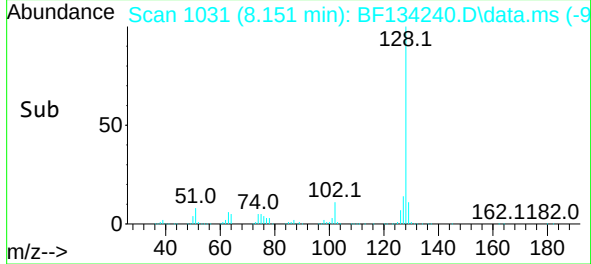
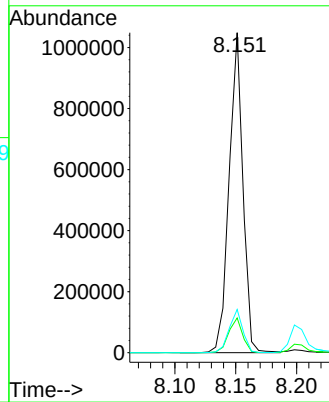
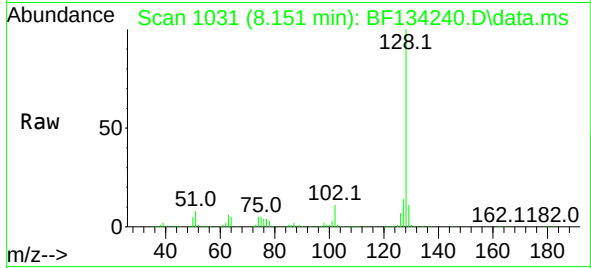




#31
Naphthalene
Concen: 41.107 ng
RT: 8.151 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

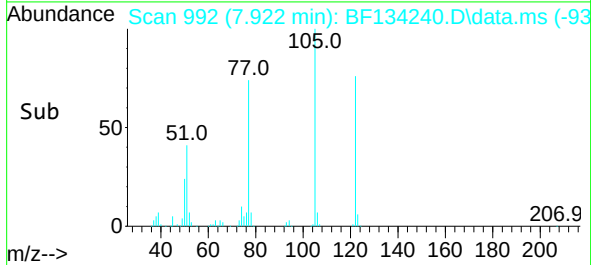
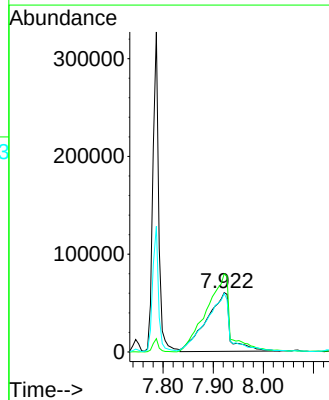
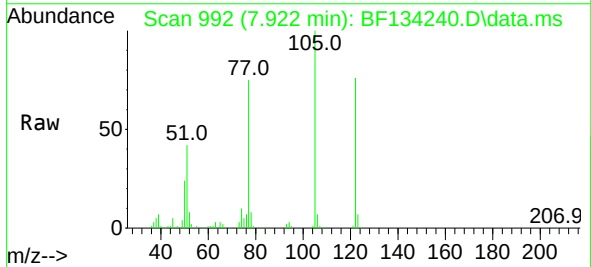
Instrument :
BNA_F
ClientSampleId :
PB154118BS

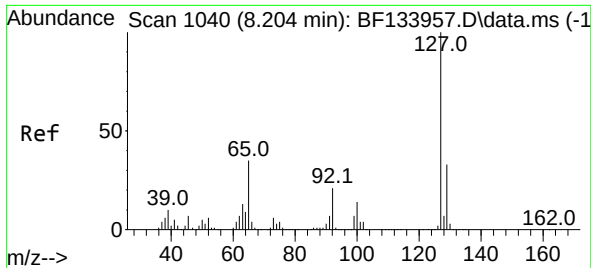
Tgt Ion:128 Resp: 829780
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.5 10.6 15.8



#32
Benzoic acid
Concen: 45.188 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.029 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:122 Resp: 201433
Ion Ratio Lower Upper
122 100
105 131.6 109.7 149.7
77 98.7 76.0 116.0

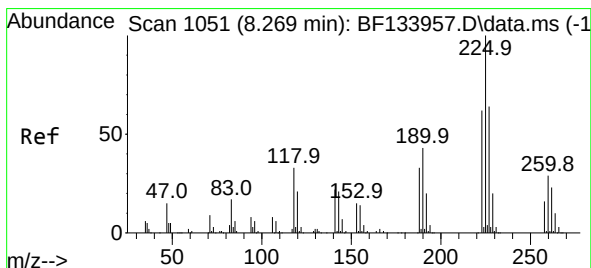
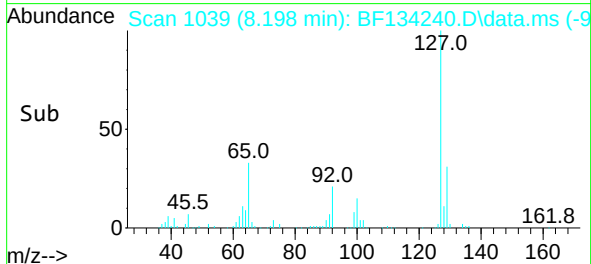
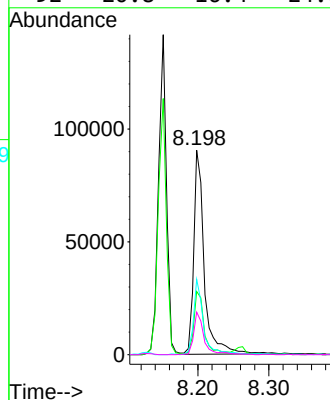
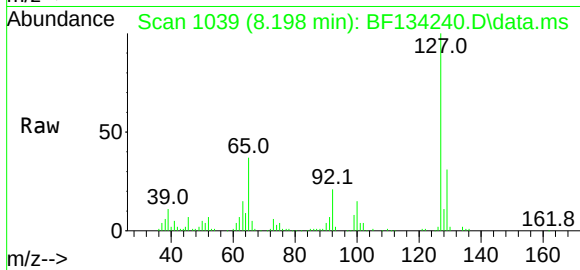




#33
4-Chloroaniline
Concen: 10.874 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

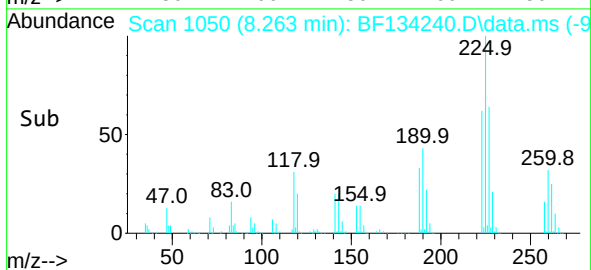
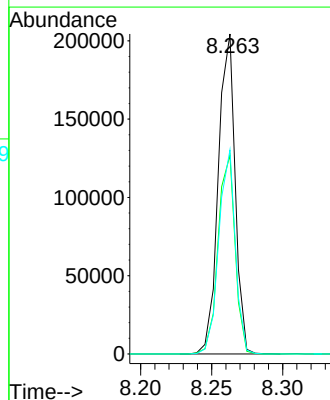
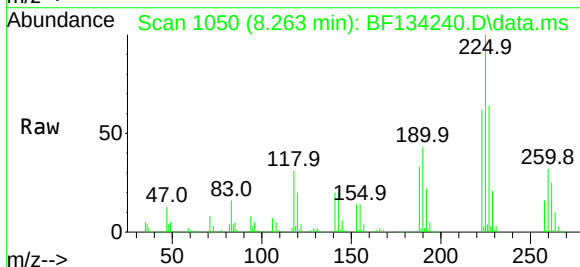
Instrument :
BNA_F
ClientSampleId :
PB154118BS

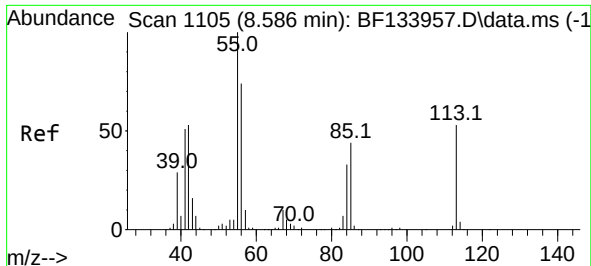
Tgt Ion:	127	Resp:	93898
Ion Ratio	Lower	Upper	
127	100		
129	30.9	26.4	39.6
65	36.9	27.8	41.8
92	20.8	16.4	24.6



#34
Hexachlorobutadiene
Concen: 43.877 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:	225	Resp:	168470
Ion Ratio	Lower	Upper	
225	100		
223	62.1	49.8	74.8
227	63.7	51.0	76.4

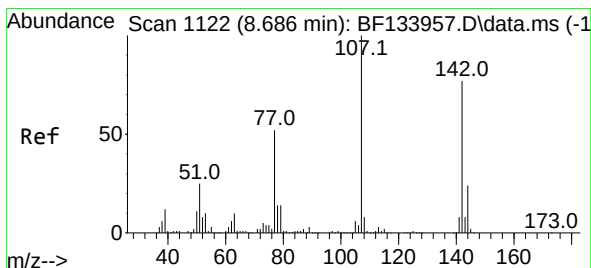
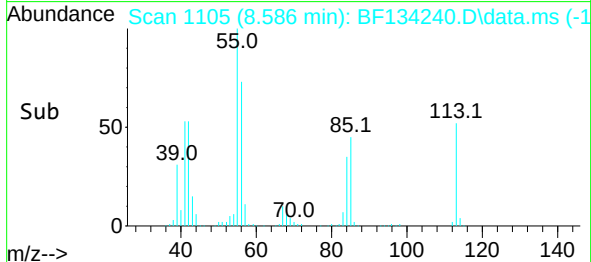
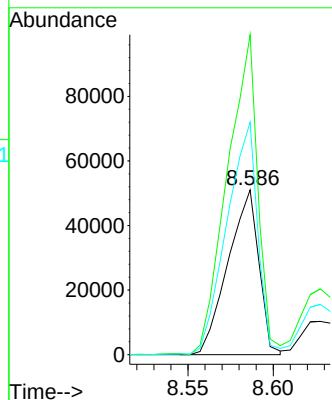
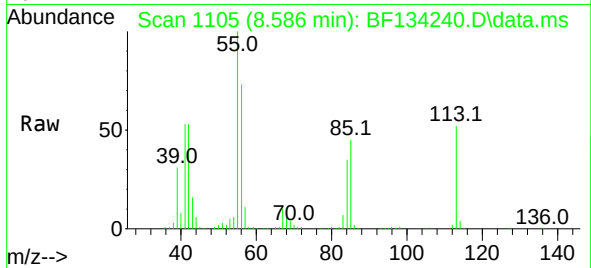




#35
Caprolactam
Concen: 33.042 ng
RT: 8.586 min Scan# 1105
Delta R.T. 0.012 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

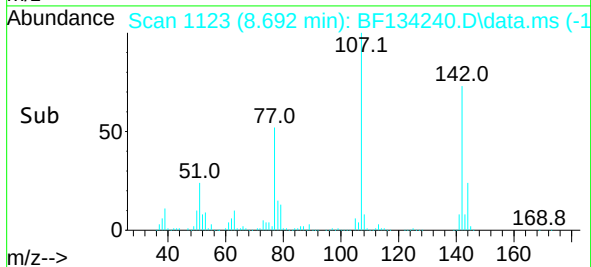
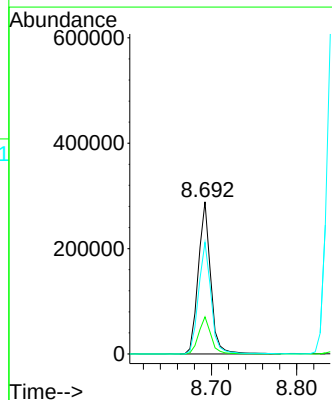
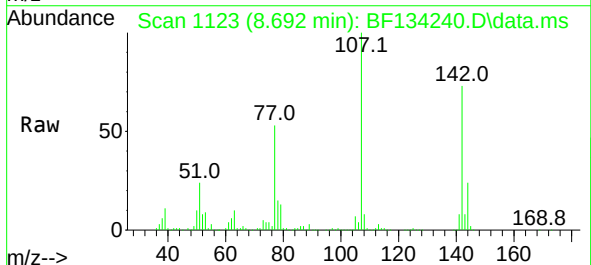
Instrument :
BNA_F
ClientSampleId :
PB154118BS

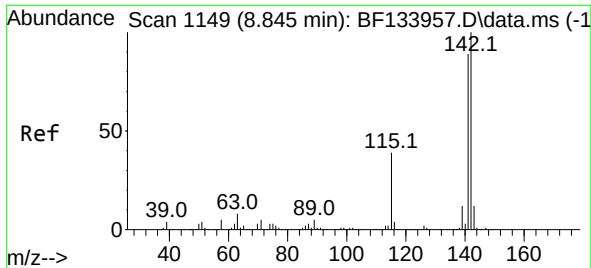
Tgt Ion:113 Resp: 64178
Ion Ratio Lower Upper
113 100
55 194.1 170.2 210.2
56 141.0 121.4 161.4



#36
4-Chloro-3-methylphenol
Concen: 44.075 ng
RT: 8.692 min Scan# 1123
Delta R.T. 0.012 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:107 Resp: 292080
Ion Ratio Lower Upper
107 100
144 24.4 19.6 29.4
142 73.4 61.4 92.2

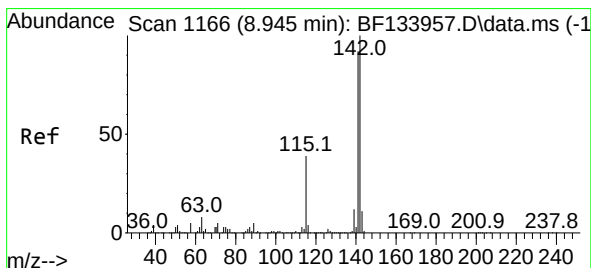
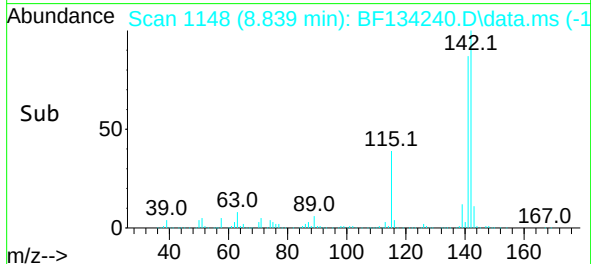
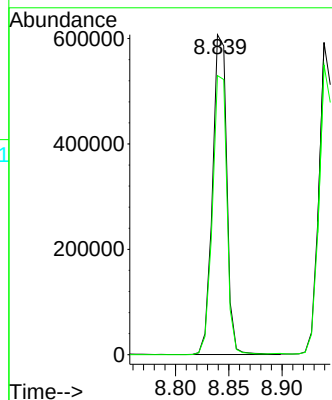
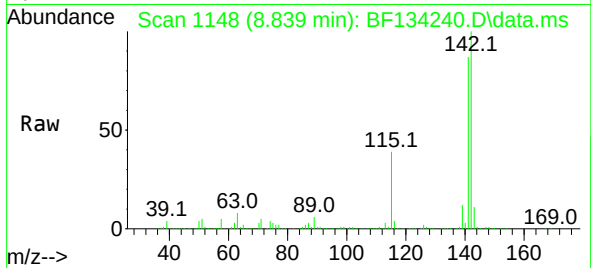




#37
2-Methylnaphthalene
Concen: 39.674 ng
RT: 8.839 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

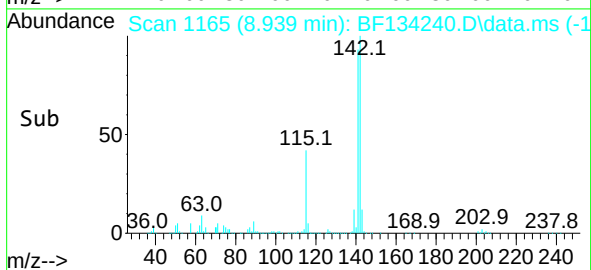
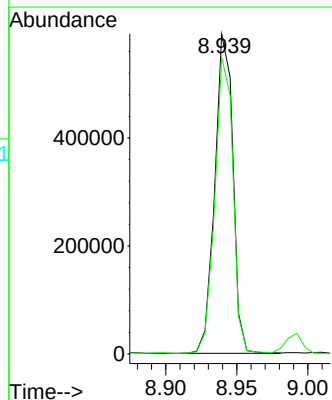
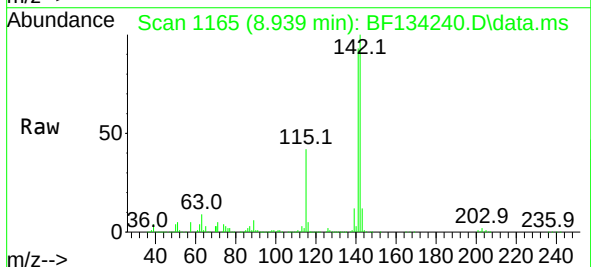
Instrument :
BNA_F
ClientSampleId :
PB154118BS

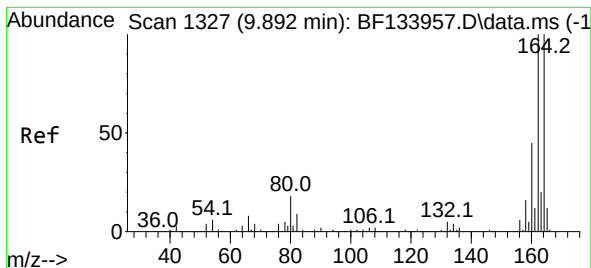
Tgt Ion:142 Resp: 566336
Ion Ratio Lower Upper
142 100
141 87.2 71.0 106.4



#38
1-Methylnaphthalene
Concen: 39.515 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:142 Resp: 524383
Ion Ratio Lower Upper
142 100
141 92.8 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

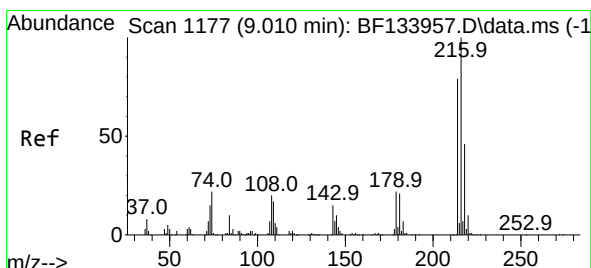
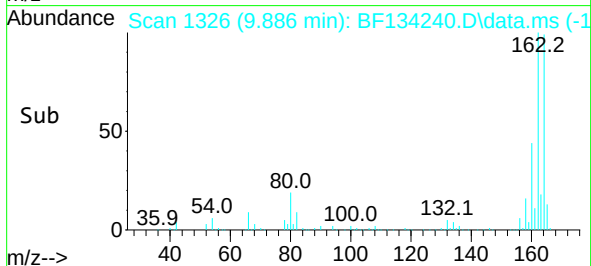
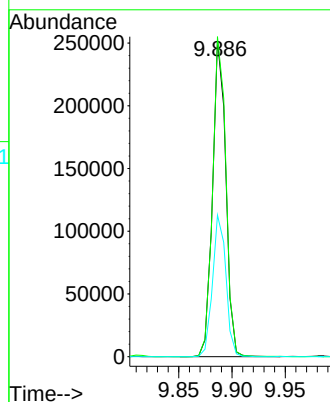
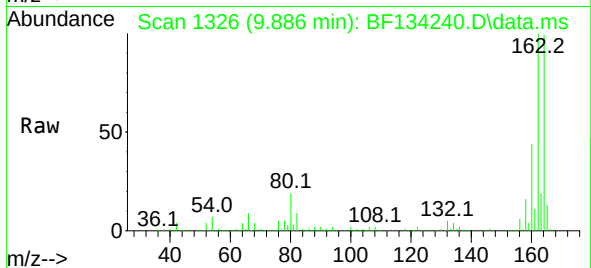
Tgt Ion:164 Resp: 218301

Ion Ratio Lower Upper

164 100

162 101.1 80.0 120.0

160 44.8 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.806 ng

RT: 9.010 min Scan# 1177

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Tgt Ion:216 Resp: 276850

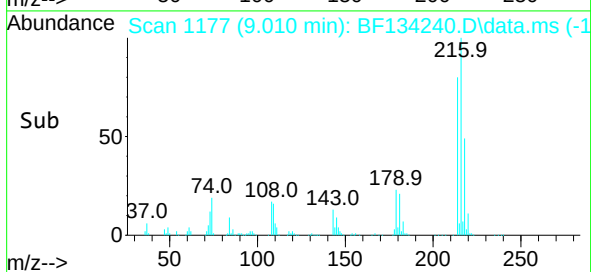
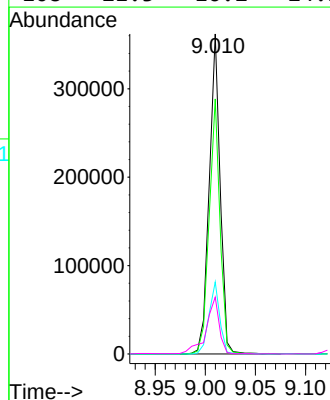
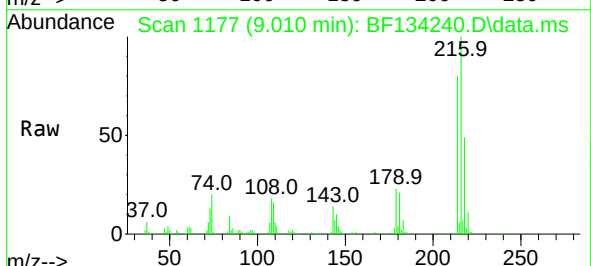
Ion Ratio Lower Upper

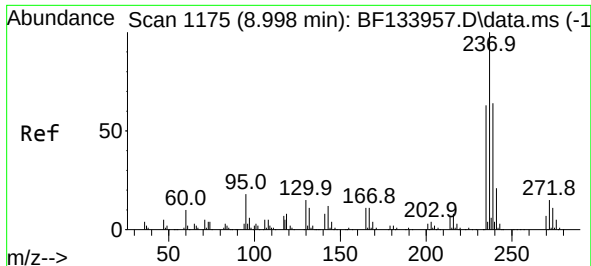
216 100

214 78.9 64.1 96.1

179 22.2 17.3 25.9

108 21.3 16.2 24.2

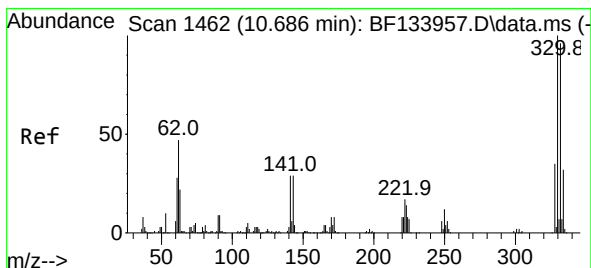
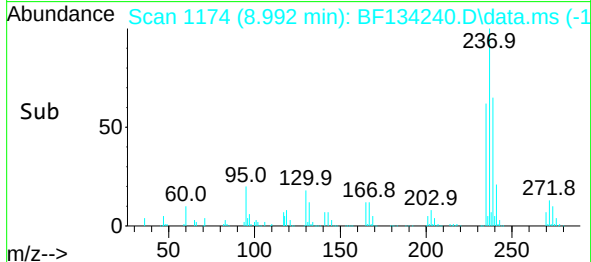
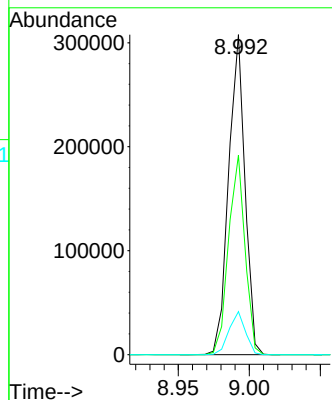
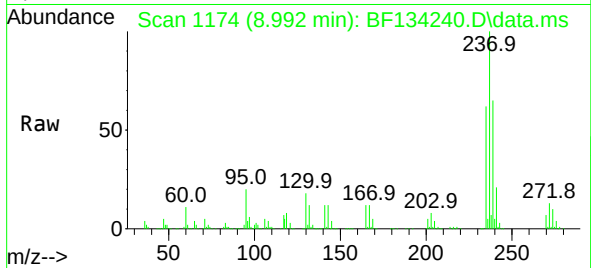




#41
Hexachlorocyclopentadiene
Concen: 80.324 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

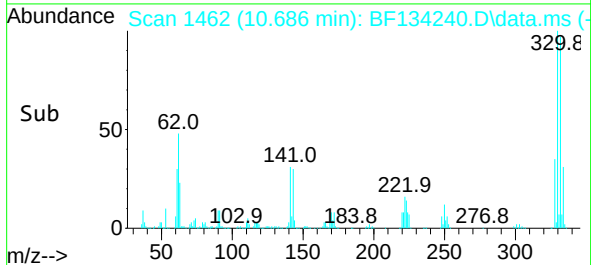
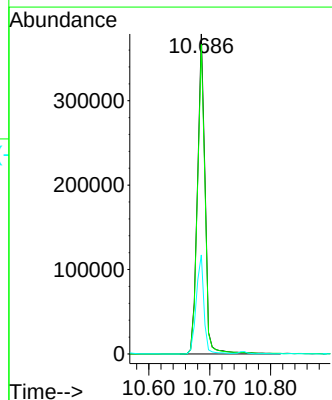
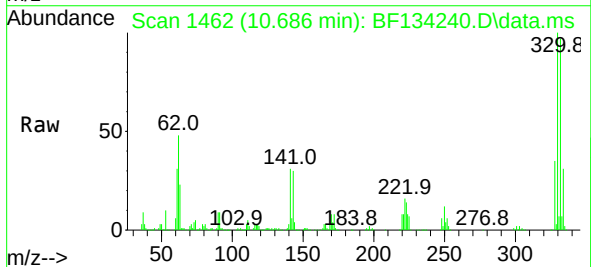
Instrument :
BNA_F
ClientSampleId :
PB154118BS

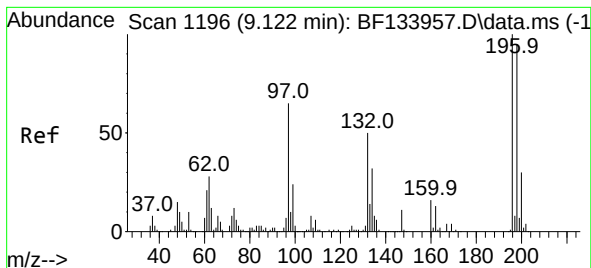
Tgt Ion:237 Resp: 246460
Ion Ratio Lower Upper
237 100
235 62.3 42.8 82.8
272 13.4 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 120.469 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:330 Resp: 329730
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 31.2 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 42.108 ng

RT: 9.128 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

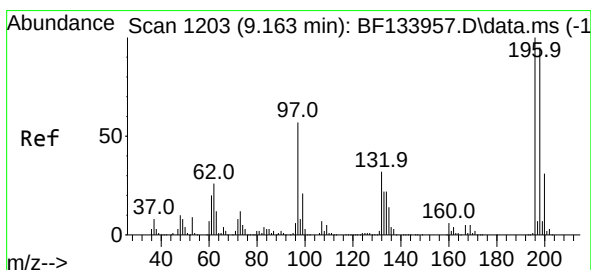
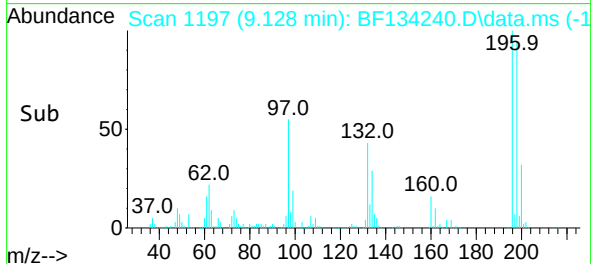
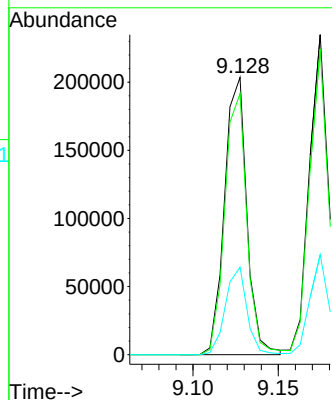
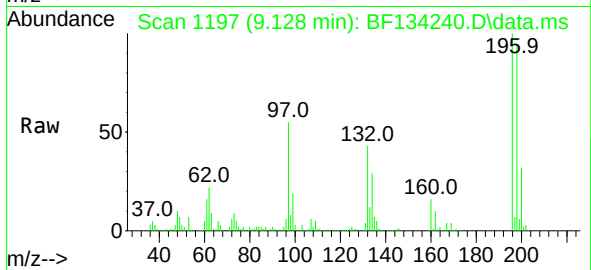
Tgt Ion:196 Resp: 185389

Ion Ratio Lower Upper

196 100

198 94.2 75.6 113.4

200 31.6 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 37.090 ng

RT: 9.175 min Scan# 1205

Delta R.T. 0.012 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Tgt Ion:196 Resp: 192081

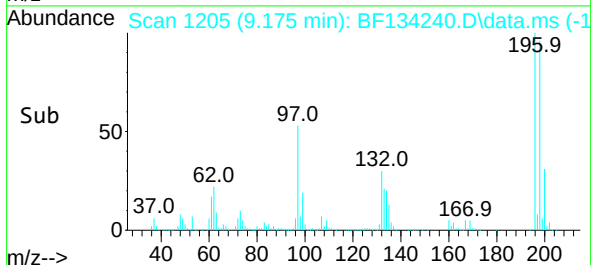
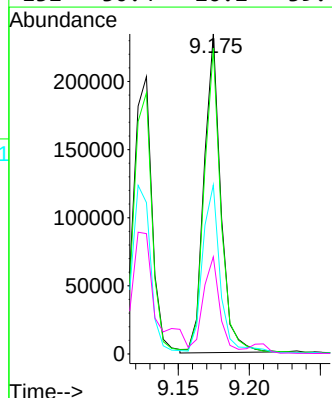
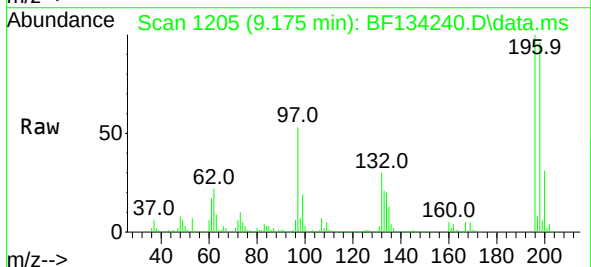
Ion Ratio Lower Upper

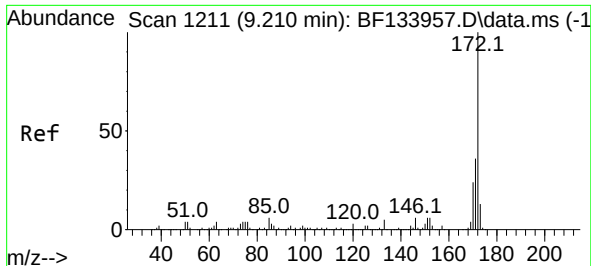
196 100

198 95.5 75.7 113.5

97 52.8 45.8 68.6

132 30.4 26.2 39.4

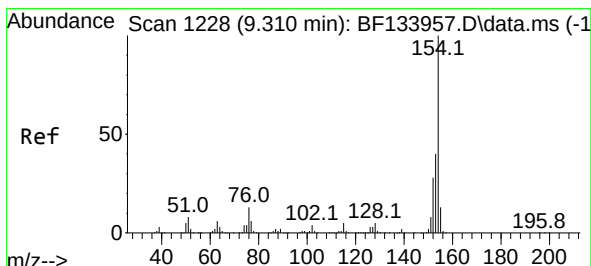
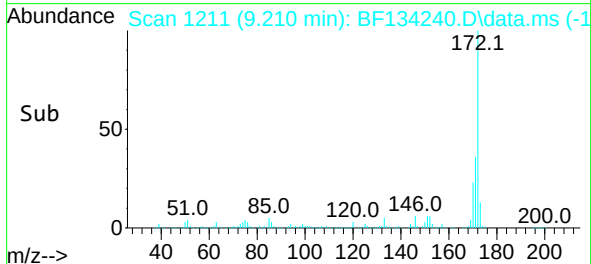
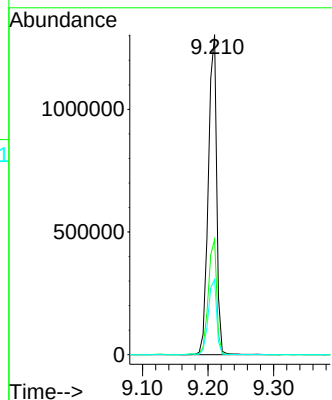
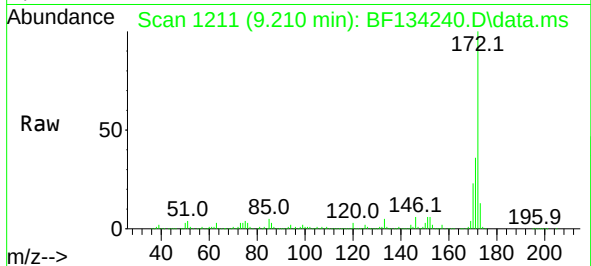




#45
2-Fluorobiphenyl
Concen: 76.937 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

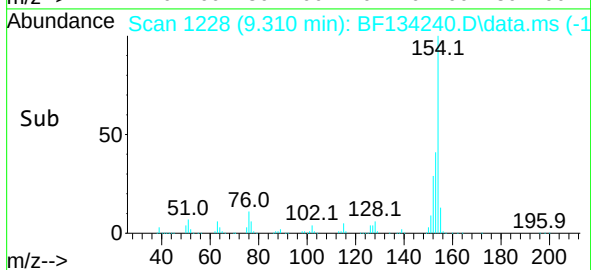
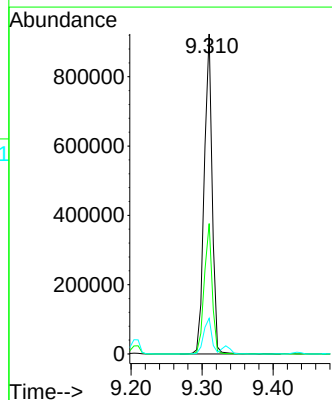
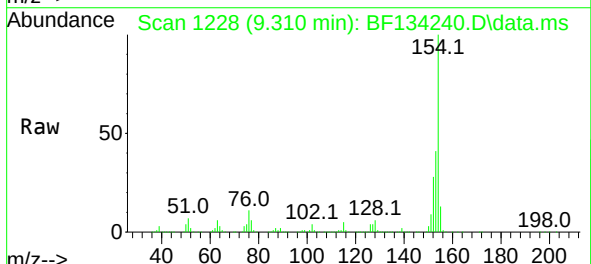
Instrument :
BNA_F
ClientSampleId :
PB154118BS

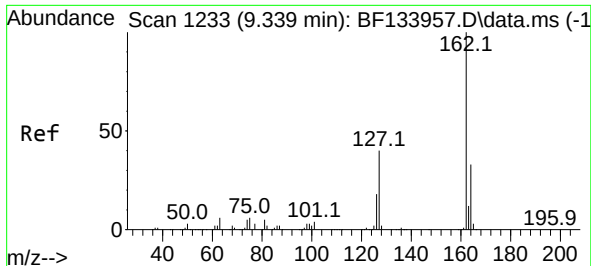
Tgt Ion:172 Resp: 1155209
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.5 19.4 29.0



#46
1,1'-Biphenyl
Concen: 41.154 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:154 Resp: 720655
Ion Ratio Lower Upper
154 100
153 40.7 19.8 59.8
76 11.2 0.0 32.9

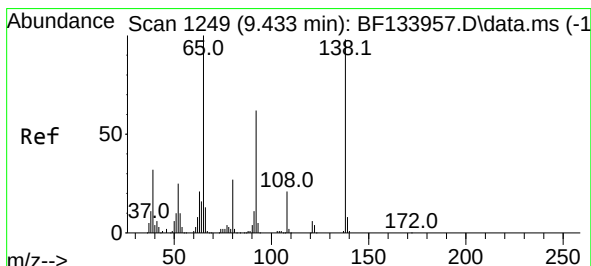
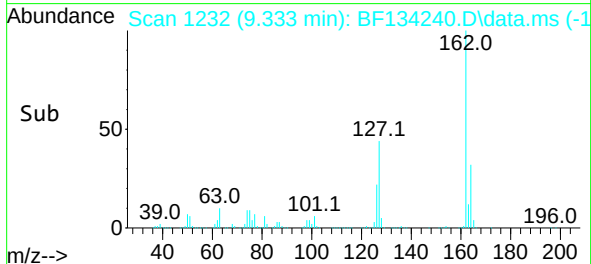
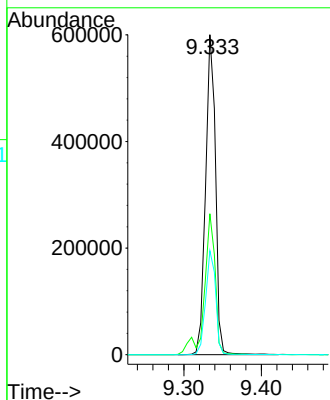
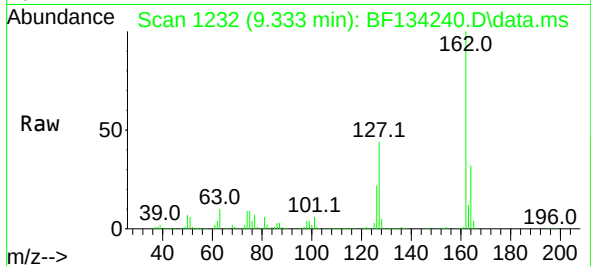




#47
2-Chloronaphthalene
Concen: 41.657 ng
RT: 9.333 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

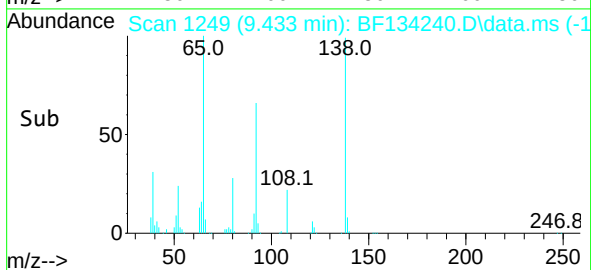
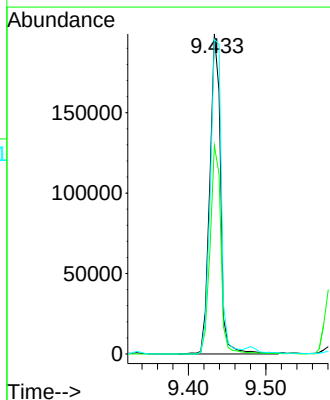
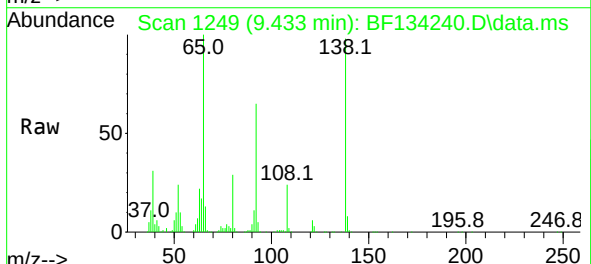
Instrument :
BNA_F
ClientSampleId :
PB154118BS

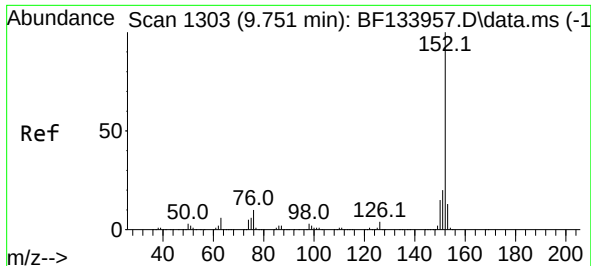
Tgt Ion:162 Resp: 533720
Ion Ratio Lower Upper
162 100
127 44.0 32.9 49.3
164 32.5 26.1 39.1



#48
2-Nitroaniline
Concen: 41.085 ng
RT: 9.433 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion: 65 Resp: 191844
Ion Ratio Lower Upper
65 100
92 65.1 49.5 74.3
138 98.3 78.0 117.0





#49

Acenaphthylene

Concen: 39.650 ng

RT: 9.751 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

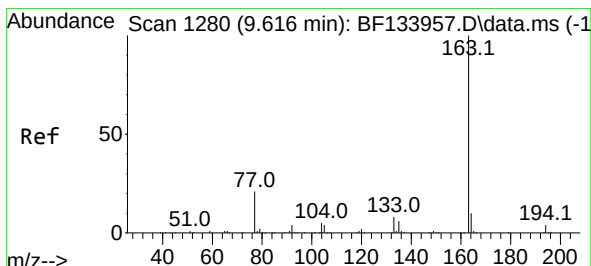
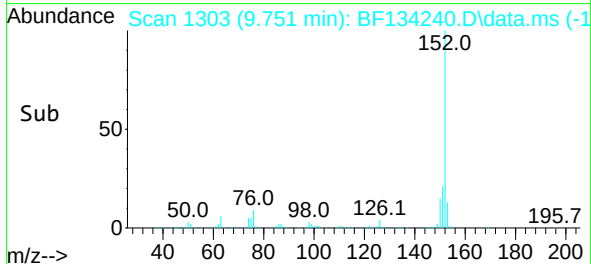
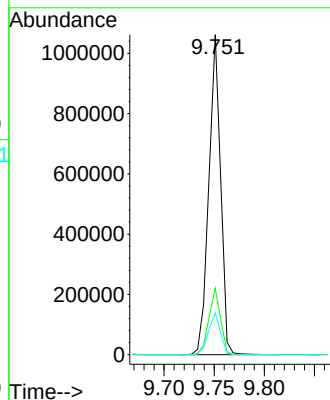
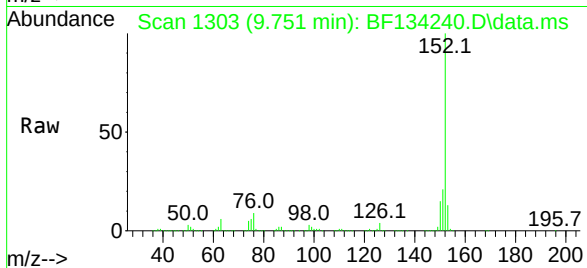
Tgt Ion:152 Resp: 867820

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.2

153 13.0 10.8 16.2



#50

Dimethylphthalate

Concen: 41.957 ng

RT: 9.616 min Scan# 1280

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

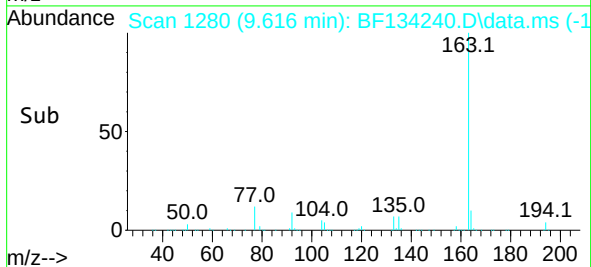
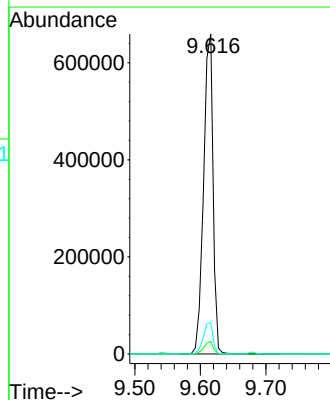
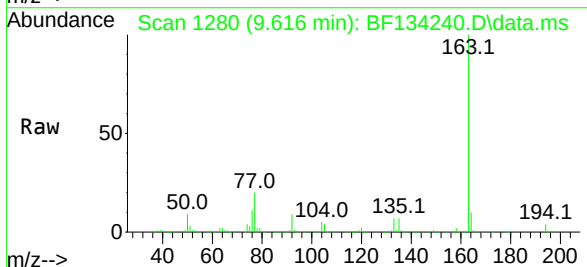
Tgt Ion:163 Resp: 664866

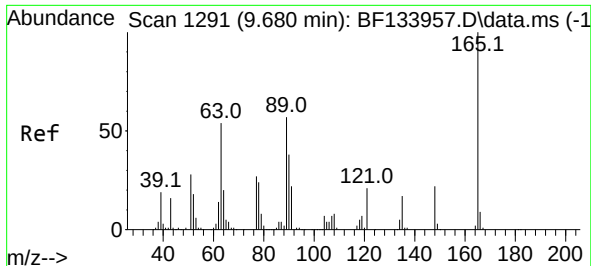
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 9.8 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 42.379 ng

RT: 9.680 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

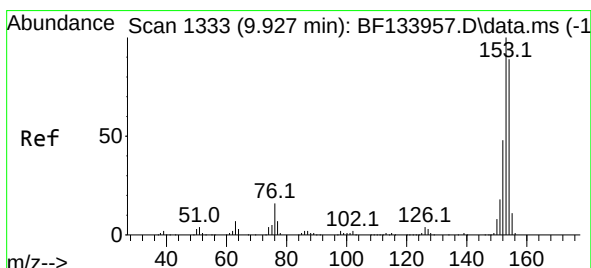
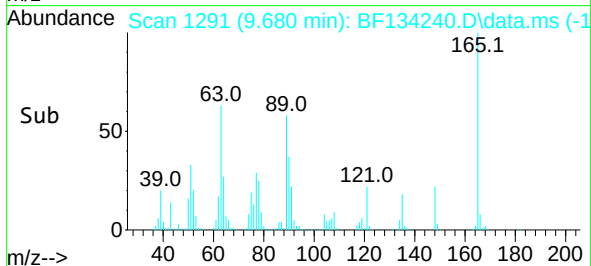
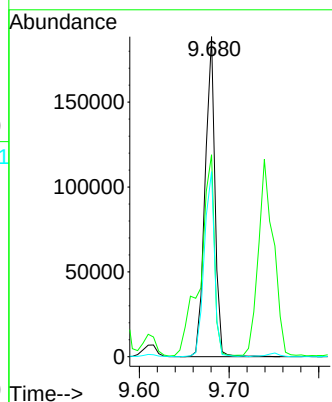
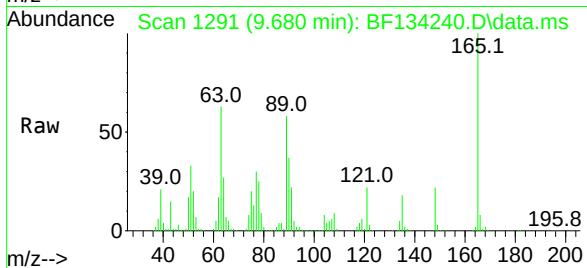
Tgt Ion:165 Resp: 144644

Ion Ratio Lower Upper

165 100

63 63.1 48.5 72.7

89 57.8 45.5 68.3



#52

Acenaphthene

Concen: 41.007 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.000 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

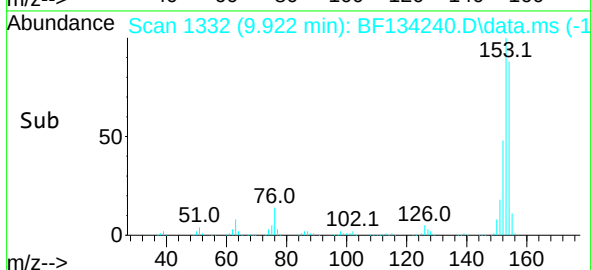
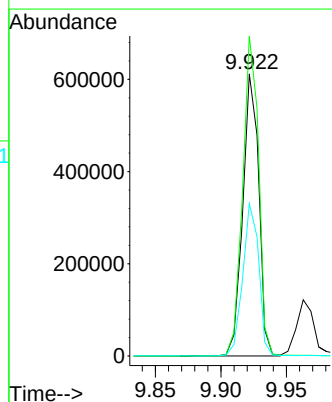
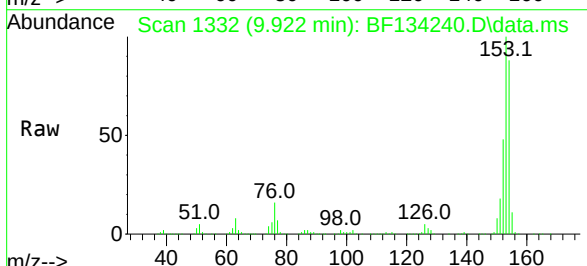
Tgt Ion:154 Resp: 520787

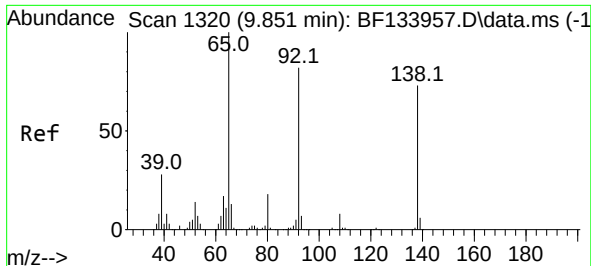
Ion Ratio Lower Upper

154 100

153 113.4 89.4 134.2

152 54.0 42.8 64.2

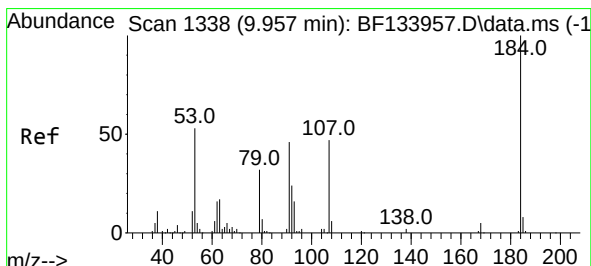
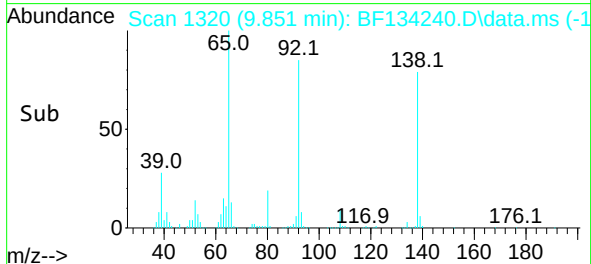
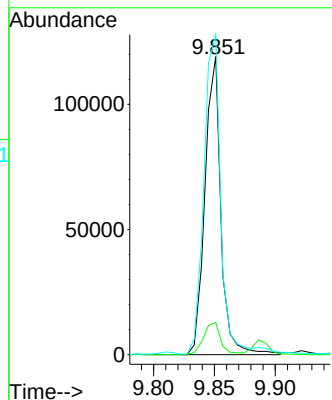
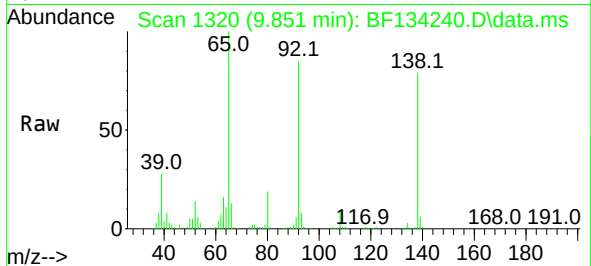




#53
3-Nitroaniline
Concen: 26.570 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

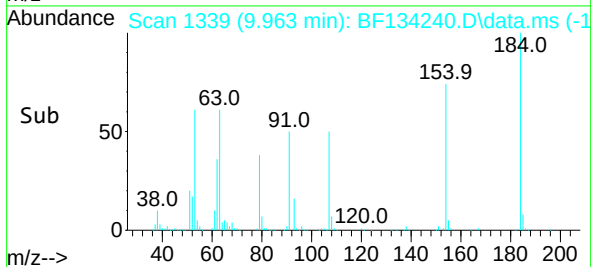
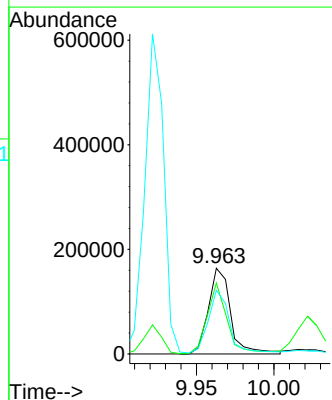
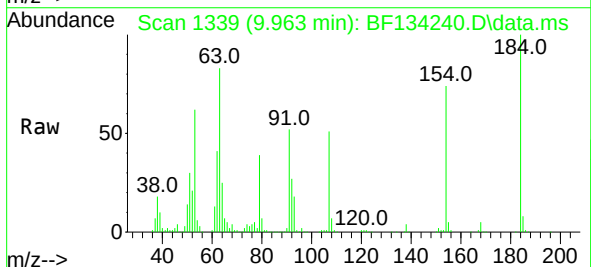
Instrument :
BNA_F
ClientSampleId :
PB154118BS

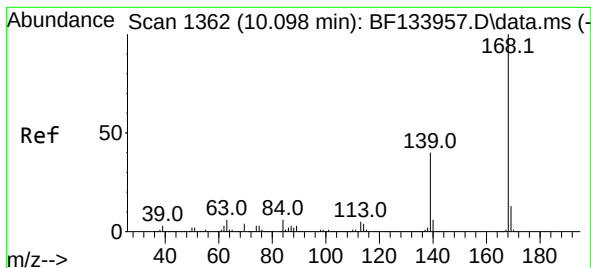
Tgt Ion:138 Resp: 108794
Ion Ratio Lower Upper
138 100
108 10.9 8.4 12.6
92 107.3 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 82.725 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:184 Resp: 163330
Ion Ratio Lower Upper
184 100
63 82.8 56.9 85.3
154 74.2 55.4 83.0





#55

Dibenzenofuran

Concen: 39.650 ng

RT: 10.098 min Scan# 1362

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

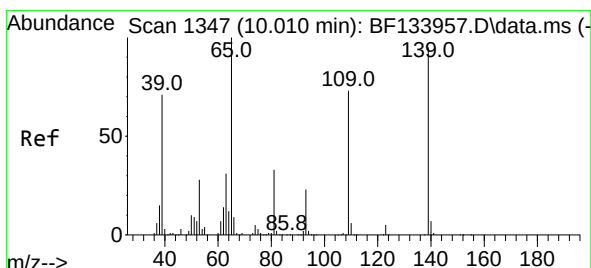
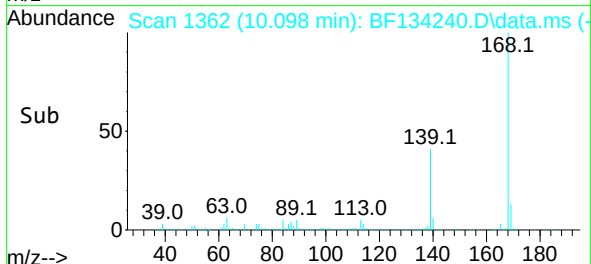
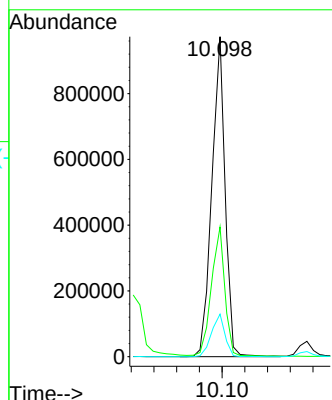
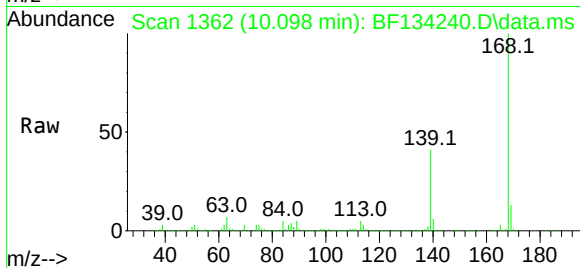
Tgt Ion:168 Resp: 786965

Ion Ratio Lower Upper

168 100

139 40.5 32.0 48.0

169 13.3 10.6 16.0



#56

4-Nitrophenol

Concen: 71.720 ng

RT: 10.022 min Scan# 1349

Delta R.T. 0.012 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

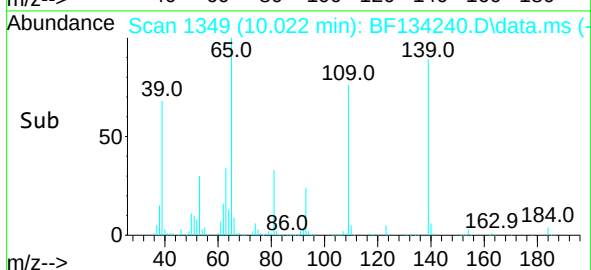
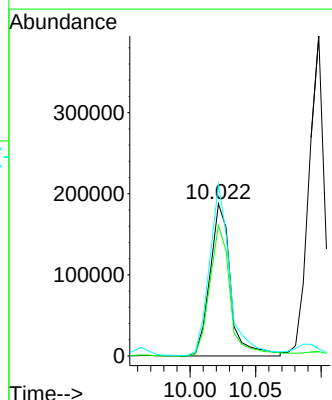
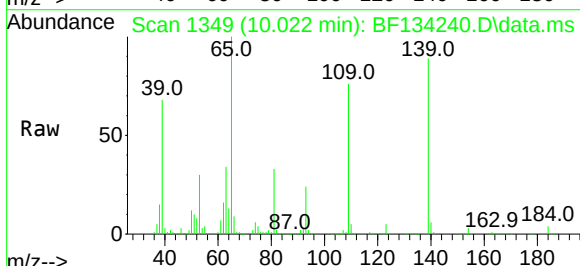
Tgt Ion:139 Resp: 205413

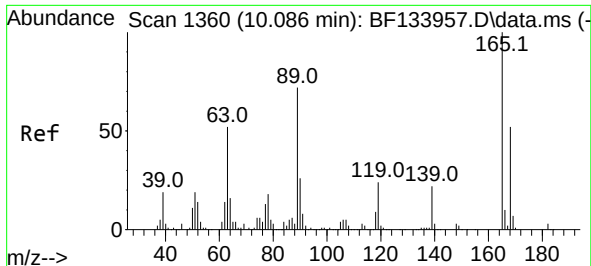
Ion Ratio Lower Upper

139 100

109 85.8 56.8 96.8

65 112.8 86.1 126.1

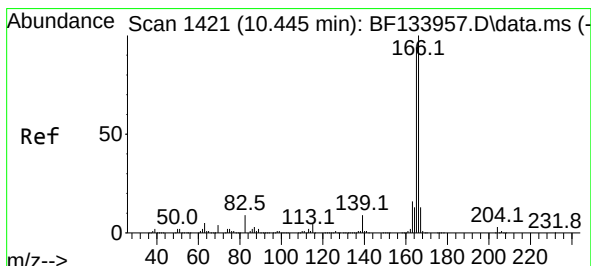
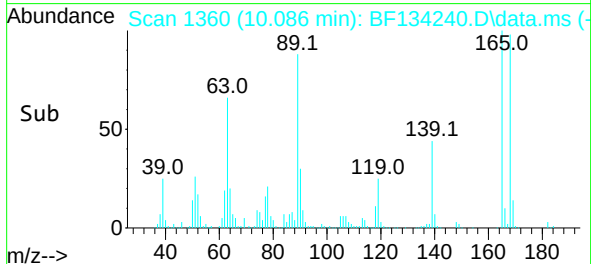
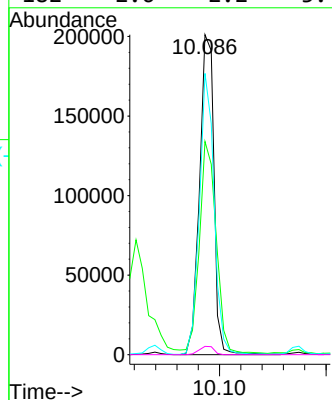
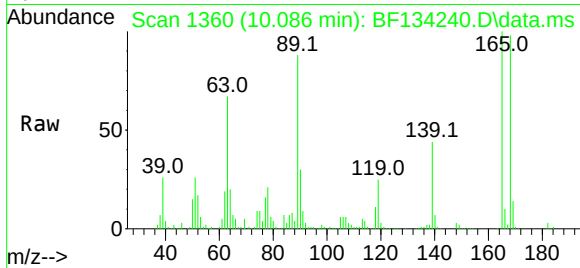




#57
2,4-Dinitrotoluene
Concen: 42.176 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

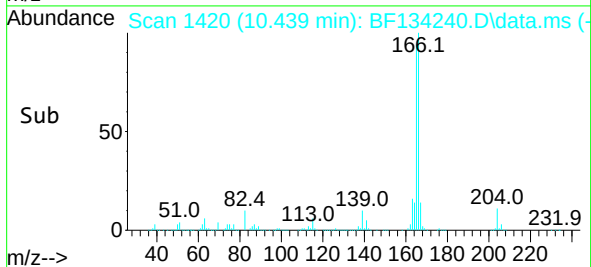
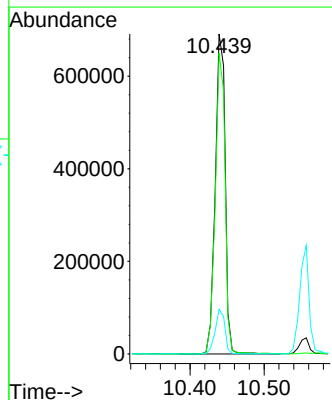
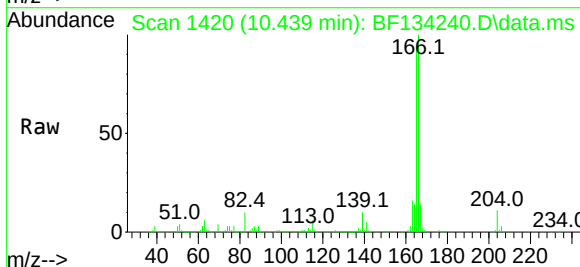
Instrument :
BNA_F
ClientSampleId :
PB154118BS

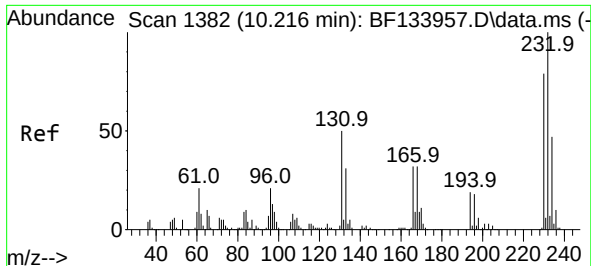
Tgt Ion:165 Resp: 190104
Ion Ratio Lower Upper
165 100
63 66.6 42.2 63.2#
89 87.9 57.4 86.2#
182 2.6 2.2 3.4



#58
Fluorene
Concen: 41.503 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:166 Resp: 640869
Ion Ratio Lower Upper
166 100
165 94.0 75.0 112.4
167 14.0 10.6 15.8

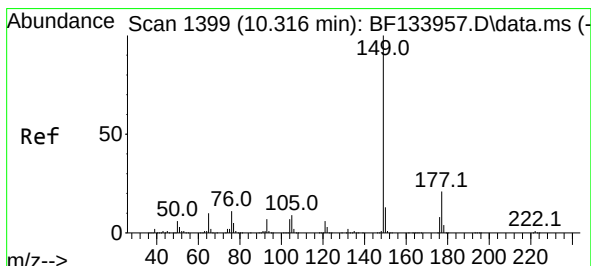
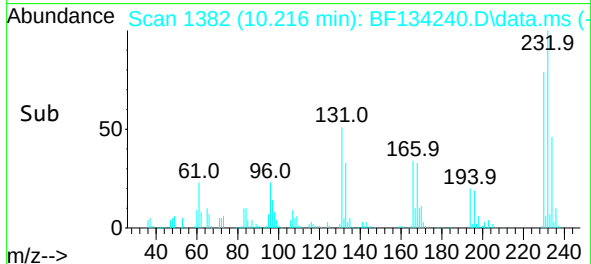
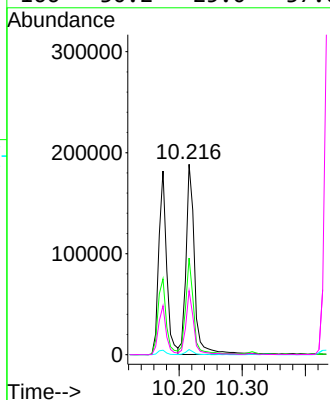
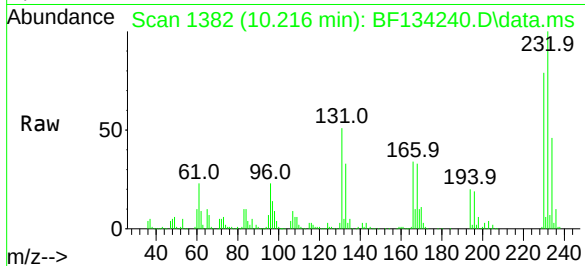




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.556 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

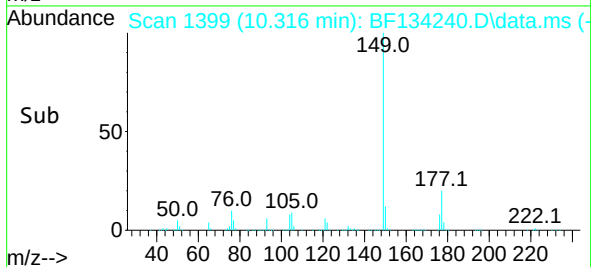
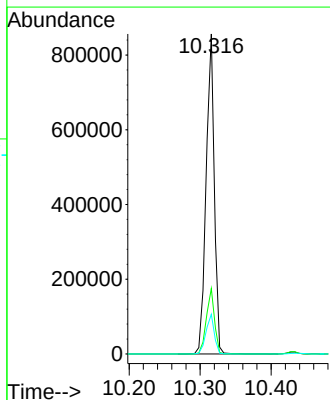
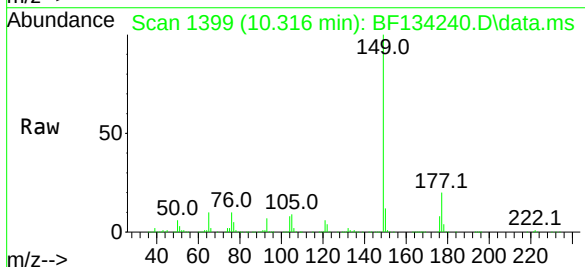
Instrument :
BNA_F
ClientSampleId :
PB154118BS

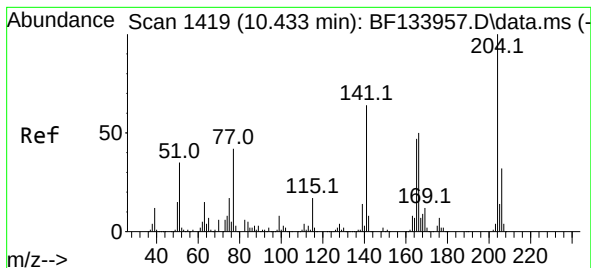
Tgt Ion:232 Resp: 177927
Ion Ratio Lower Upper
232 100
131 47.0 39.3 58.9
130 2.5 1.8 2.6
166 30.2 25.0 37.6



#60
Diethylphthalate
Concen: 41.778 ng
RT: 10.316 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:149 Resp: 689737
Ion Ratio Lower Upper
149 100
177 20.4 17.0 25.6
150 12.4 10.2 15.2

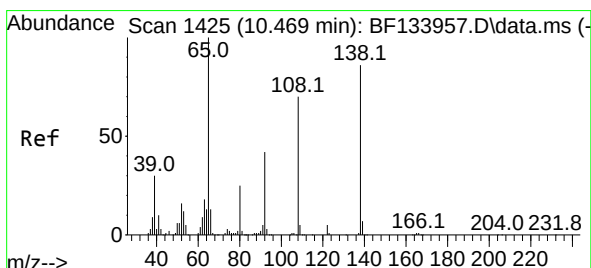
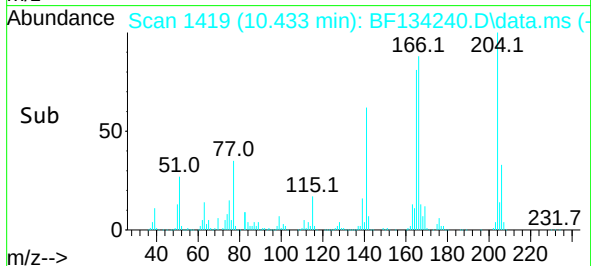
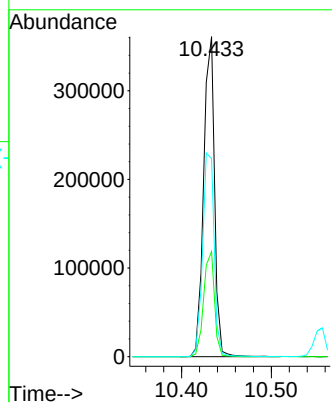
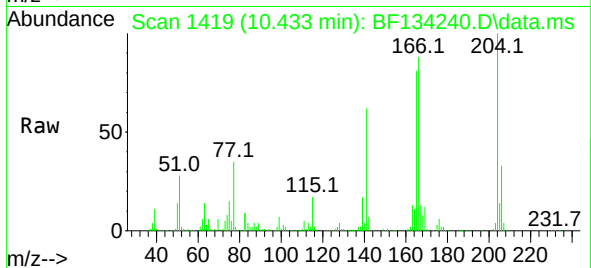




#61
4-Chlorophenyl-phenylether
Concen: 40.901 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

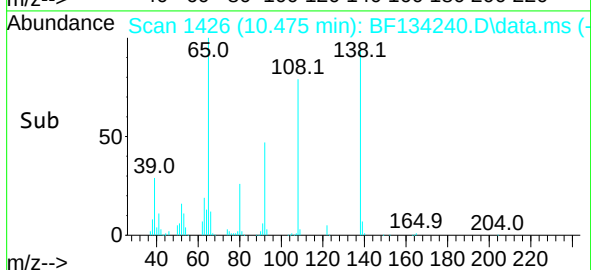
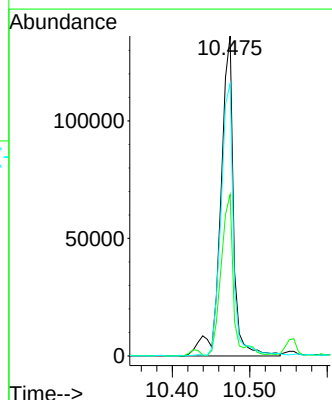
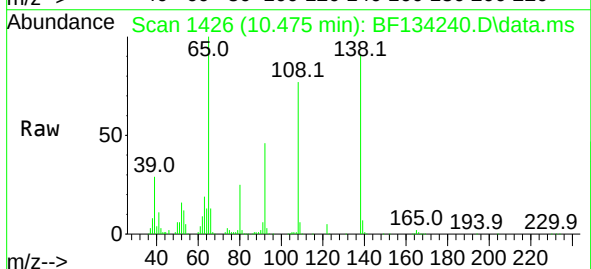
Instrument :
BNA_F
ClientSampleId :
PB154118BS

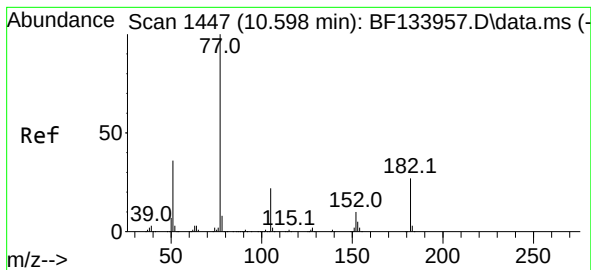
Tgt Ion:204 Resp: 304366
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 61.9 51.5 77.3



#62
4-Nitroaniline
Concen: 37.884 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:138 Resp: 156326
Ion Ratio Lower Upper
138 100
92 50.5 29.7 69.7
108 85.2 62.1 102.1





#63

Azobenzene

Concen: 40.561 ng

RT: 10.592 min Scan# 1446

Delta R.T. 0.000 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

Tgt Ion: 77 Resp: 633434

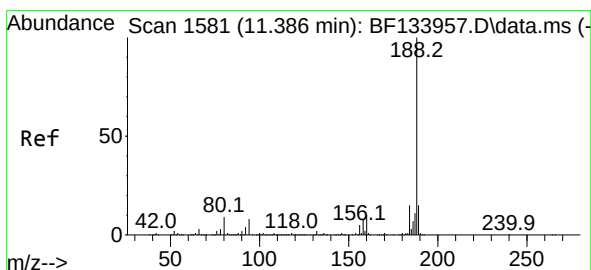
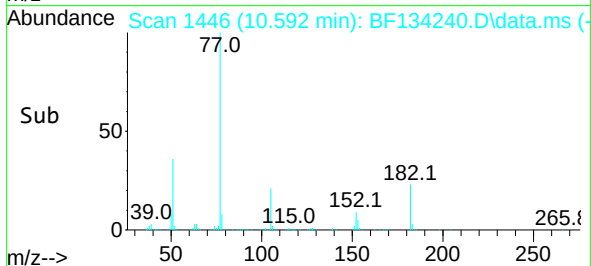
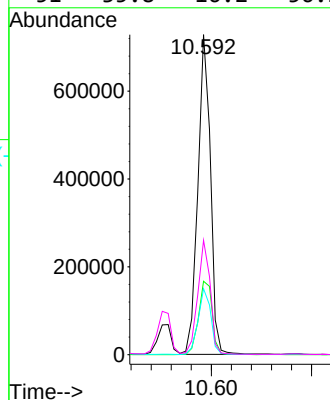
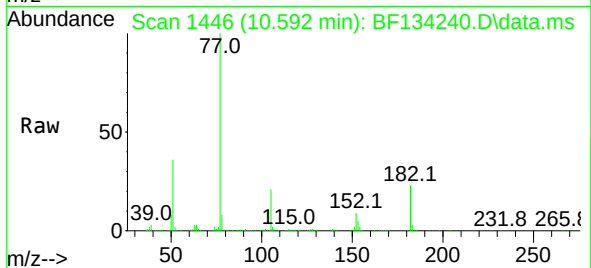
Ion Ratio Lower Upper

77 100

182 22.9 6.8 46.8

105 20.6 2.3 42.3

51 35.8 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

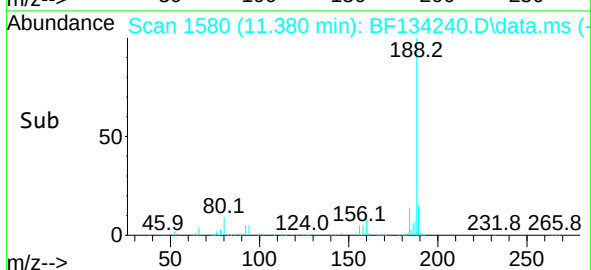
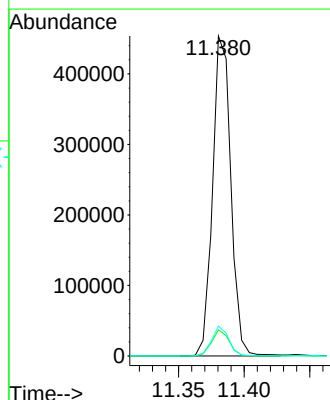
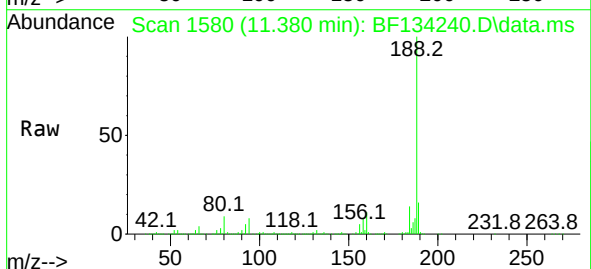
Tgt Ion: 188 Resp: 438795

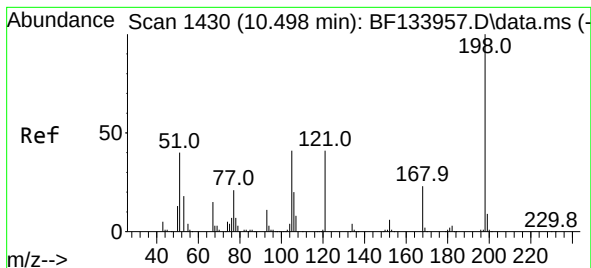
Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 9.4 7.3 10.9

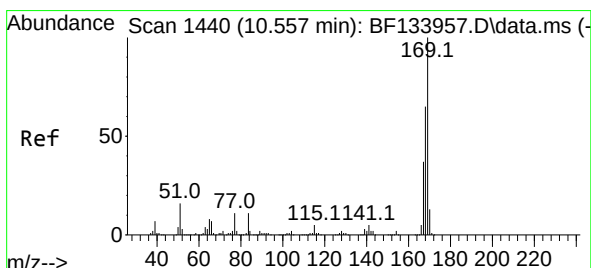
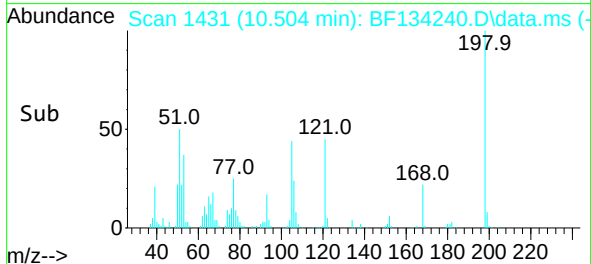
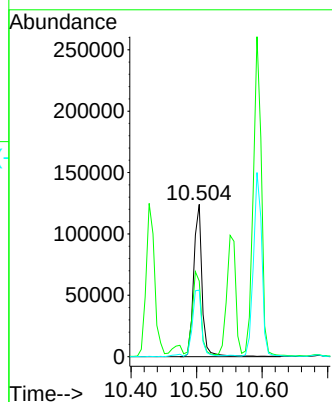
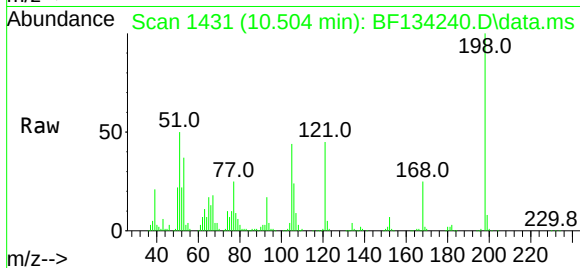




#65
4,6-Dinitro-2-methylphenol
Concen: 46.420 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.012 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

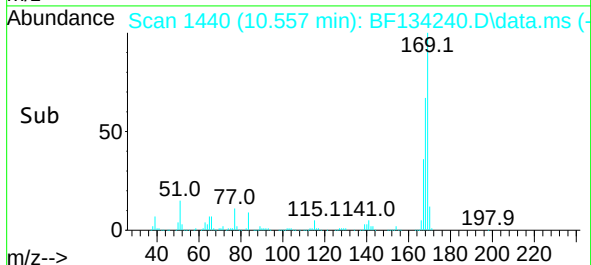
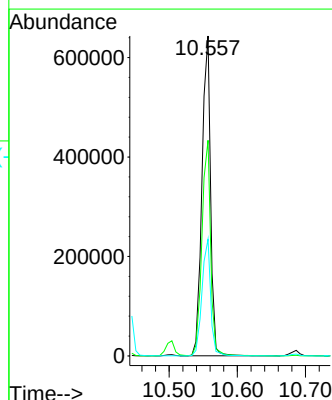
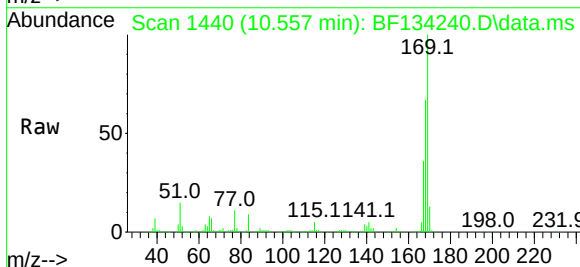
Instrument :
BNA_F
ClientSampleId :
PB154118BS

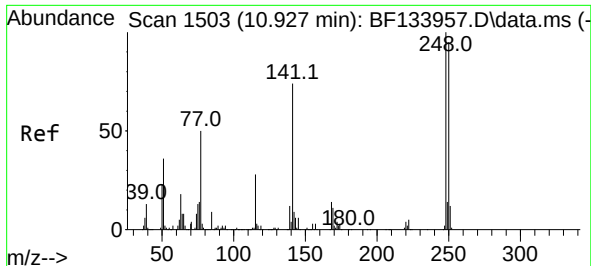
Tgt Ion:198 Resp: 111049
Ion Ratio Lower Upper
198 100
51 49.7 29.3 69.3
105 43.7 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 40.203 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:169 Resp: 563627
Ion Ratio Lower Upper
169 100
168 67.4 52.3 78.5
167 36.5 29.4 44.0

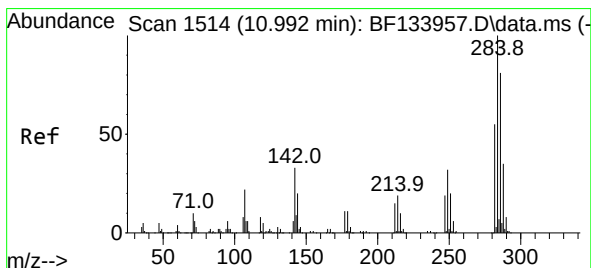
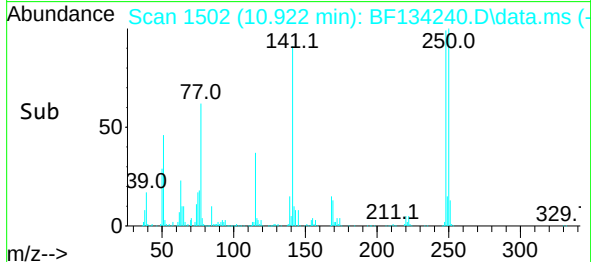
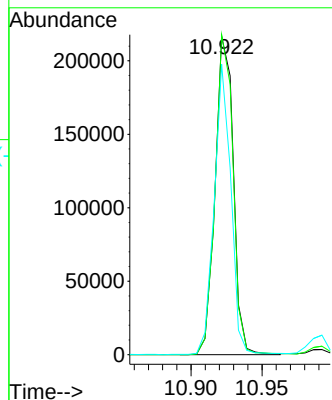
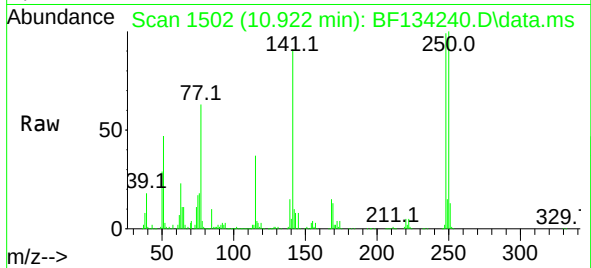




#67
4-Bromophenyl-phenylether
Concen: 41.283 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

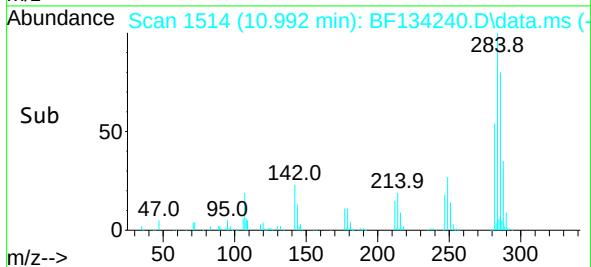
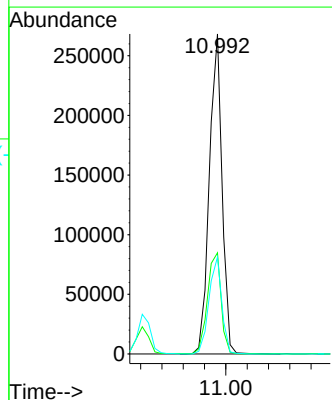
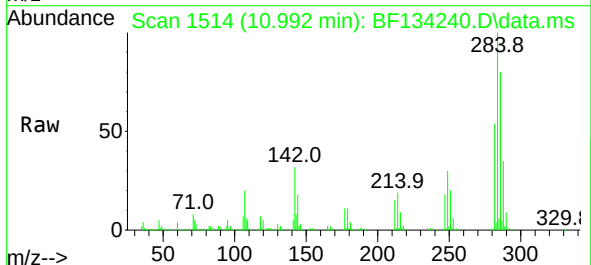
Instrument :
BNA_F
ClientSampleId :
PB154118BS

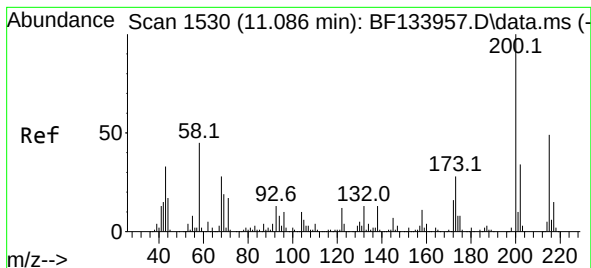
Tgt Ion:248 Resp: 192539
Ion Ratio Lower Upper
248 100
250 100.5 76.2 114.4
141 91.3 59.0 88.4#



#68
Hexachlorobenzene
Concen: 44.970 ng
RT: 10.992 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:284 Resp: 222690
Ion Ratio Lower Upper
284 100
142 31.6 26.6 40.0
249 30.3 25.5 38.3





#69

Atrazine

Concen: 40.378 ng

RT: 11.086 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

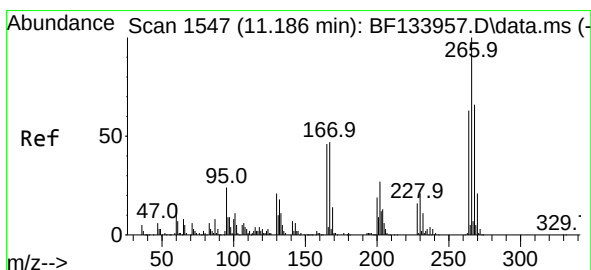
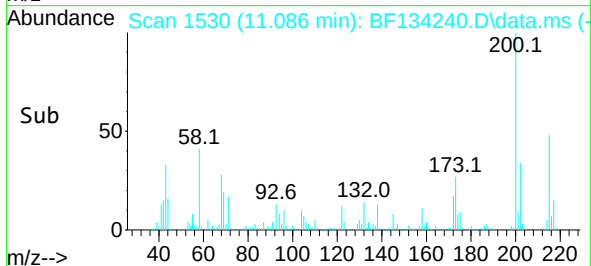
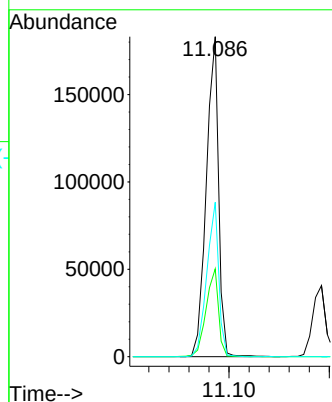
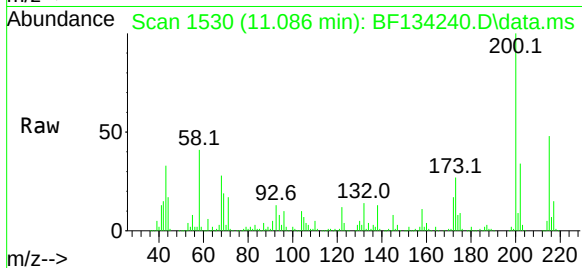
Tgt Ion:200 Resp: 156583

Ion Ratio Lower Upper

200 100

173 27.4 8.0 48.0

215 48.3 29.3 69.3



#70

Pentachlorophenol

Concen: 68.020 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

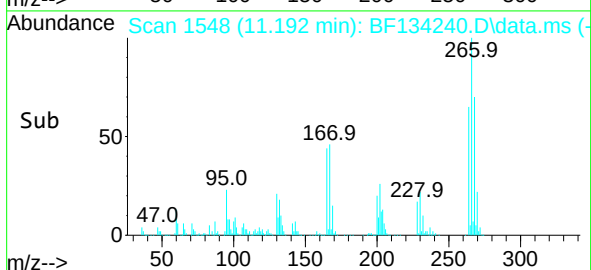
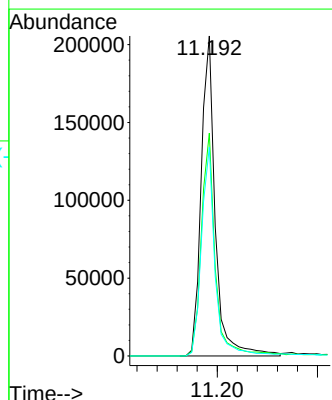
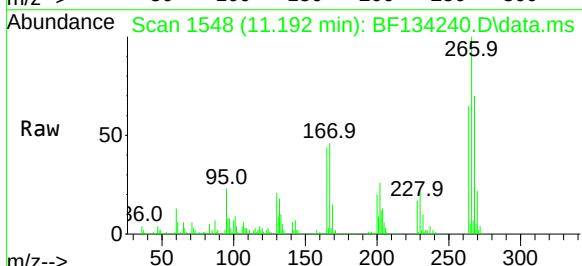
Tgt Ion:266 Resp: 201396

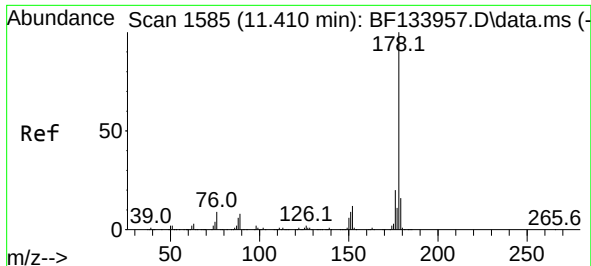
Ion Ratio Lower Upper

266 100

268 69.6 52.6 79.0

264 65.3 50.6 76.0

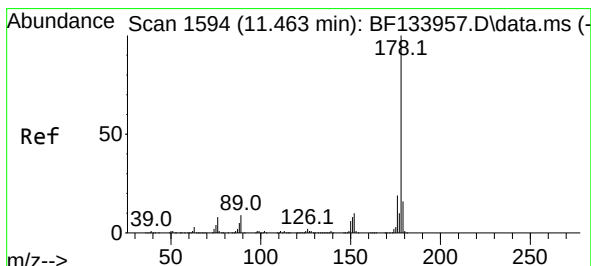
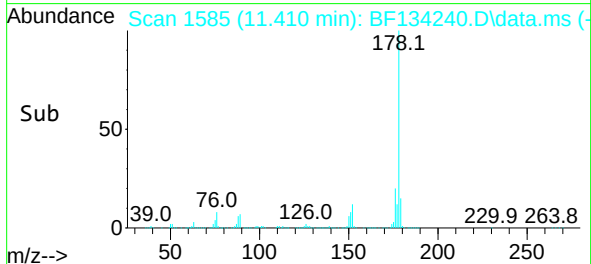
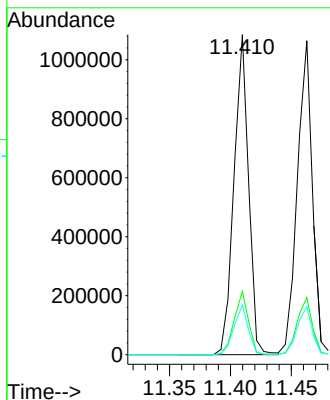
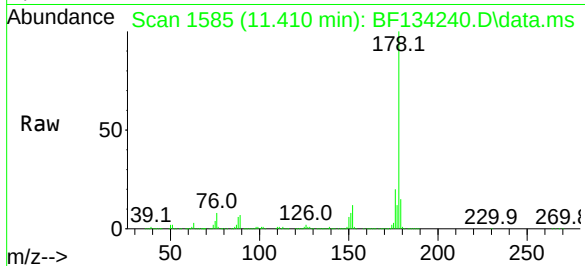




#71
Phenanthrene
Concen: 40.883 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

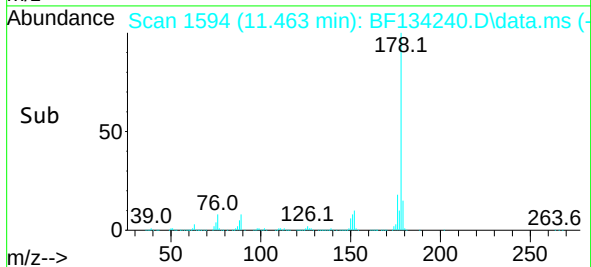
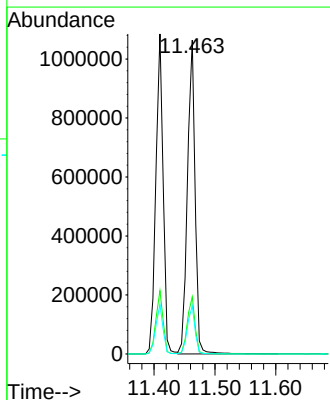
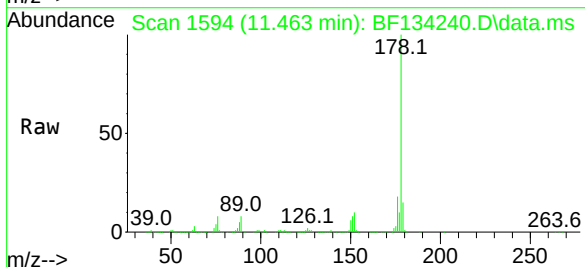
Instrument :
BNA_F
ClientSampleId :
PB154118BS

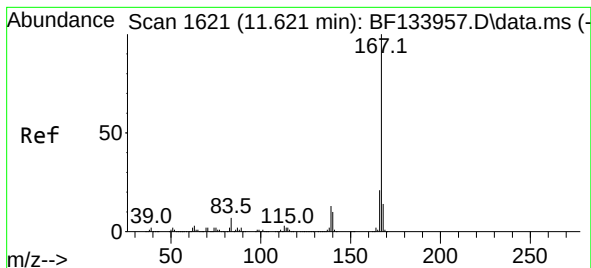
Tgt Ion:178 Resp: 903103
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.5 12.4 18.6



#72
Anthracene
Concen: 40.553 ng
RT: 11.463 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:178 Resp: 931745
Ion Ratio Lower Upper
178 100
176 18.2 15.3 22.9
179 15.3 12.4 18.6





#73

Carbazole

Concen: 41.597 ng

RT: 11.622 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

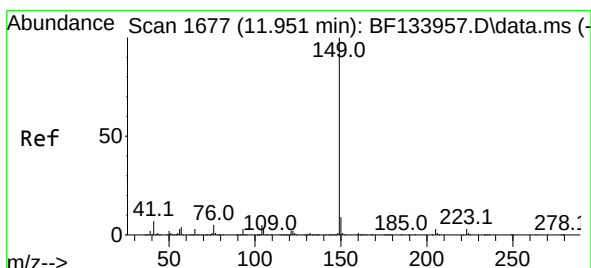
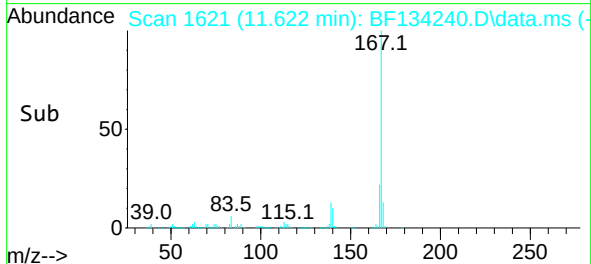
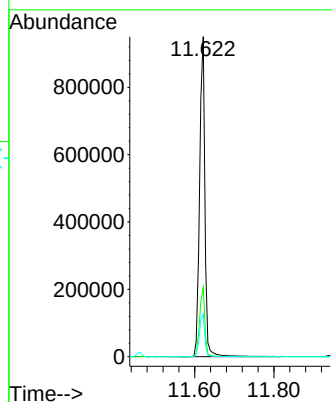
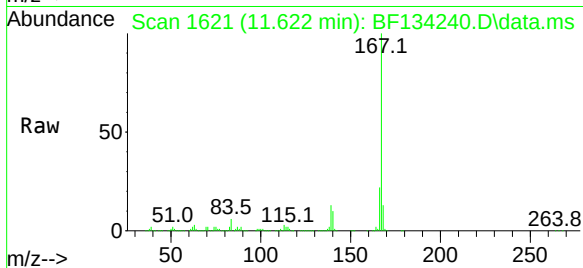
Tgt Ion:167 Resp: 874777

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

139 13.3 10.4 15.6



#74

Di-n-butylphthalate

Concen: 43.330 ng

RT: 11.945 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

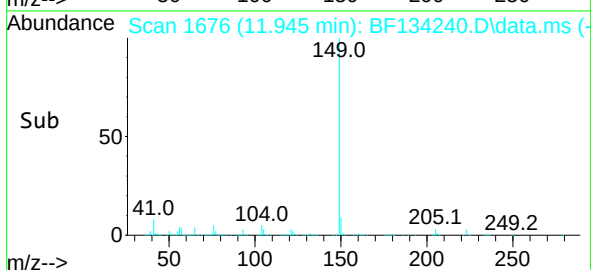
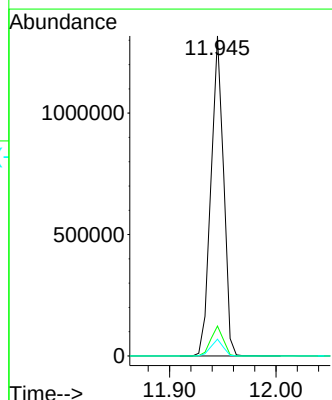
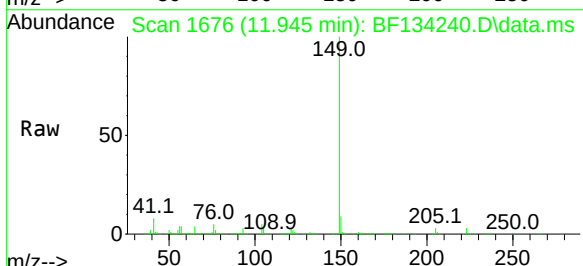
Tgt Ion:149 Resp: 1083619

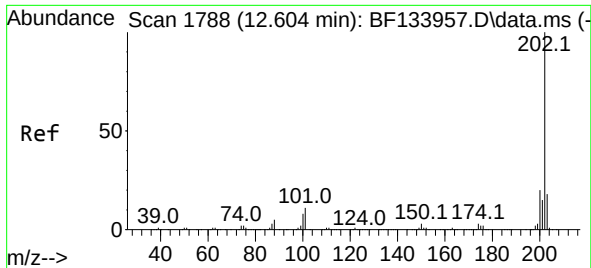
Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

104 5.3 4.0 6.0

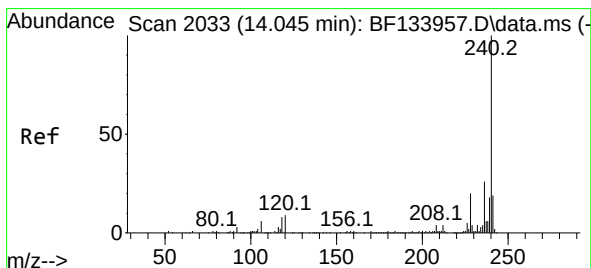
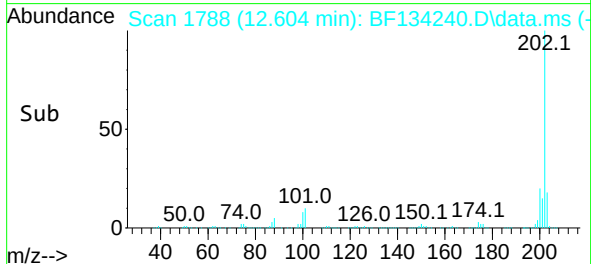
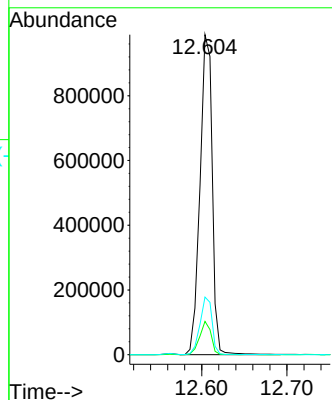
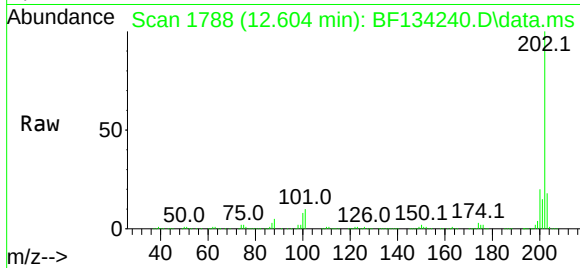




#75
Fluoranthene
Concen: 41.315 ng
RT: 12.604 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

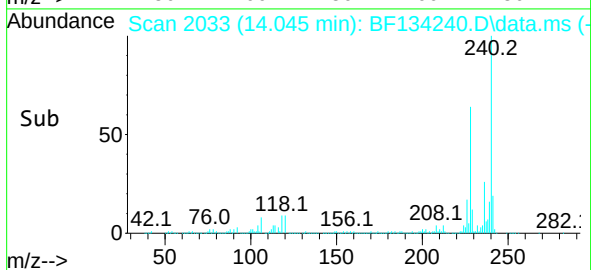
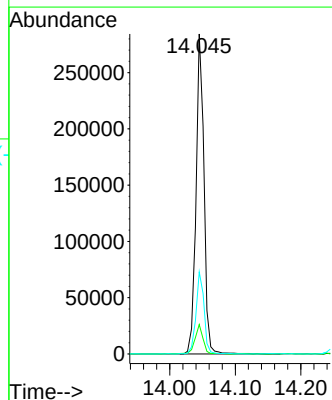
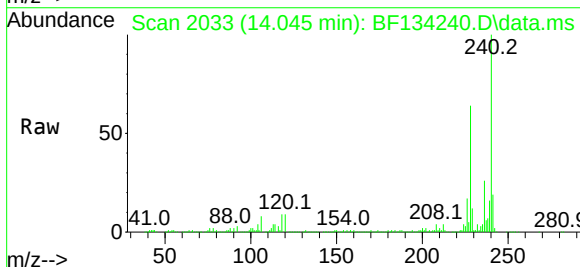
Instrument :
BNA_F
ClientSampleId :
PB154118BS

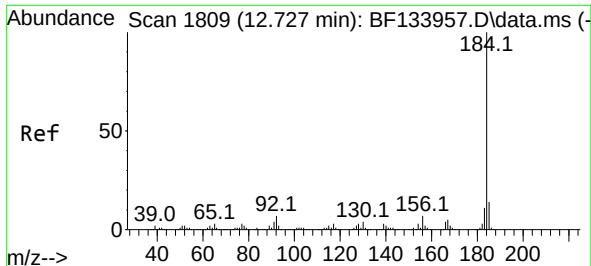
Tgt Ion:202 Resp: 986643
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.0
203 18.0 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:240 Resp: 239795
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 25.6 21.0 31.6

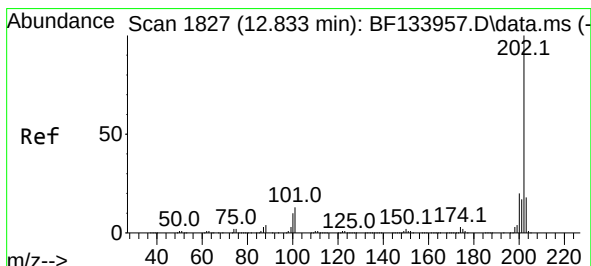
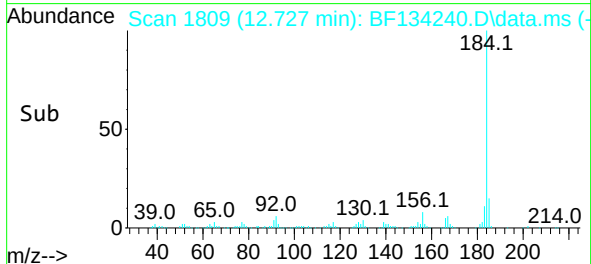
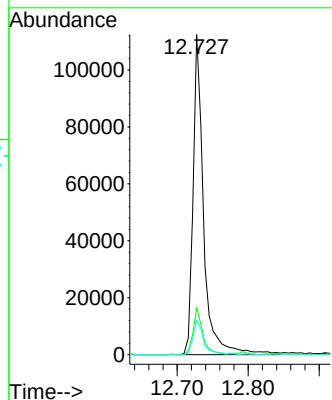
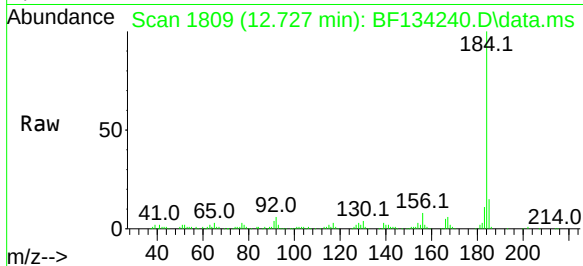




#77
Benzidine
Concen: 20.435 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

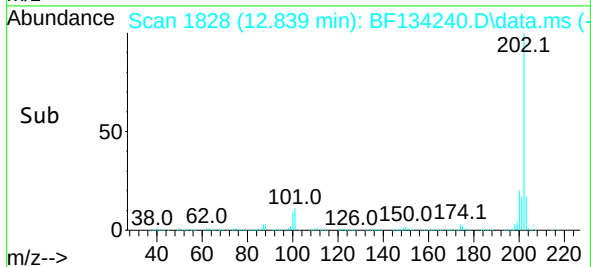
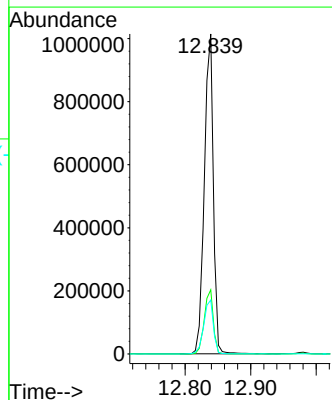
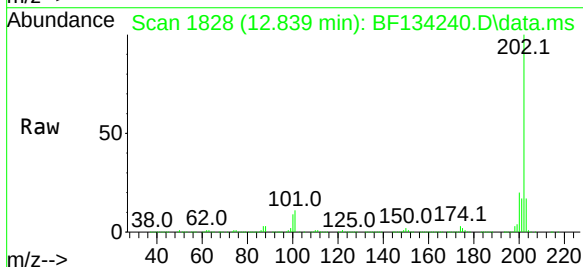
Instrument :
BNA_F
ClientSampleId :
PB154118BS

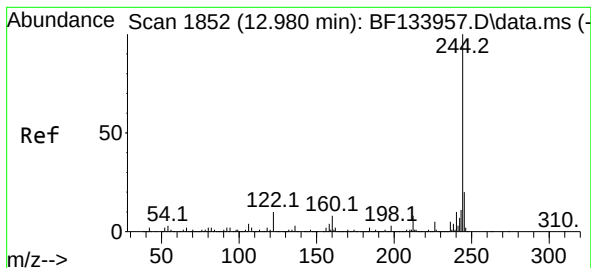
Tgt Ion:184 Resp: 116599
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 10.7 8.8 13.2



#78
Pyrene
Concen: 43.530 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:202 Resp: 971419
Ion Ratio Lower Upper
202 100
200 20.0 16.1 24.1
203 16.8 14.3 21.5





#79

Terphenyl-d14

Concen: 92.681 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

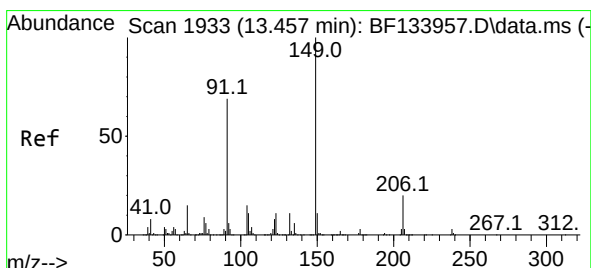
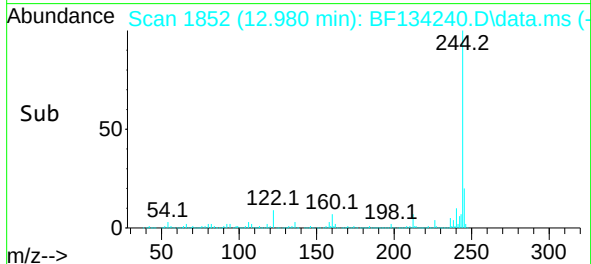
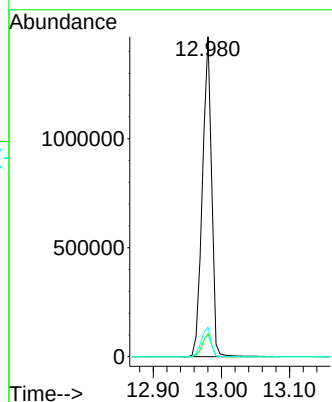
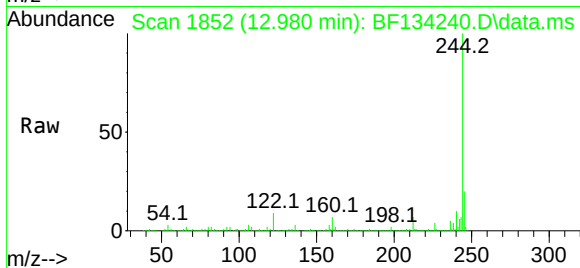
Tgt Ion:244 Resp: 1380892

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 9.2 8.3 12.5



#80

Butylbenzylphthalate

Concen: 47.247 ng

RT: 13.457 min Scan# 1933

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

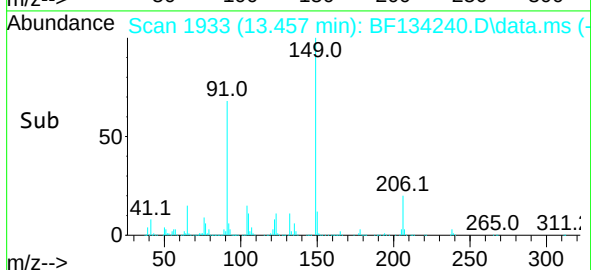
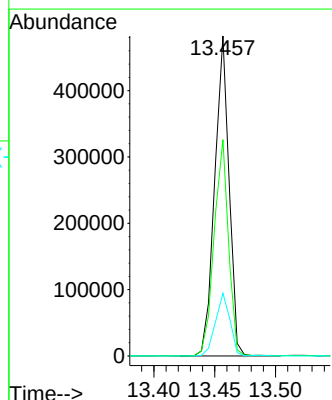
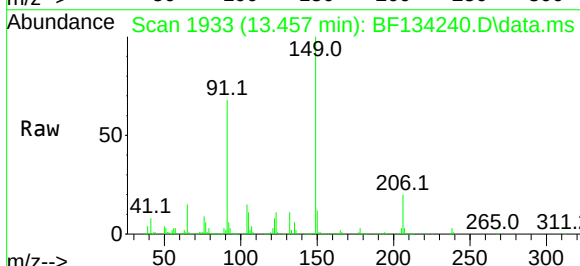
Tgt Ion:149 Resp: 395436

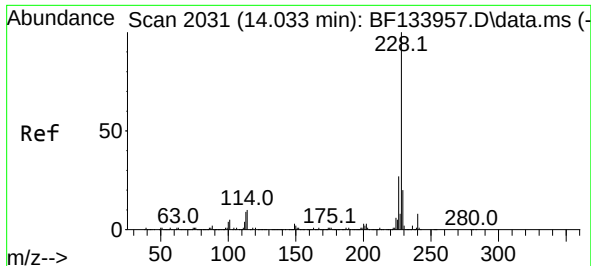
Ion Ratio Lower Upper

149 100

91 67.6 55.1 82.7

206 19.6 15.7 23.5

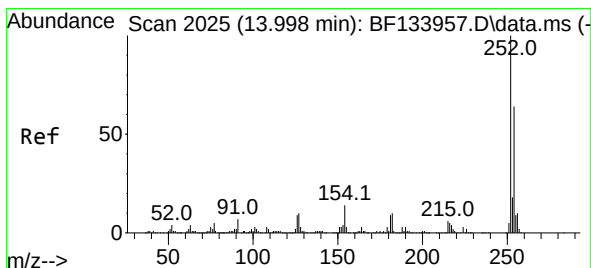
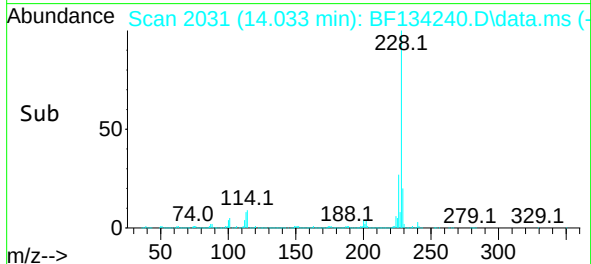
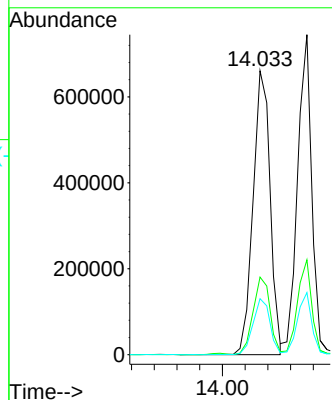
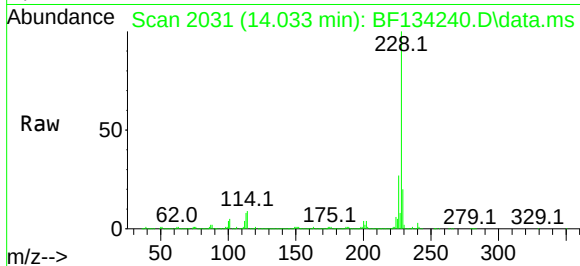




#81
Benzo(a)anthracene
Concen: 41.442 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

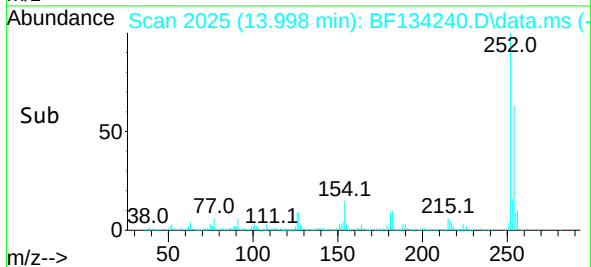
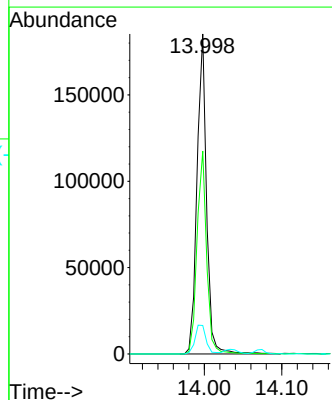
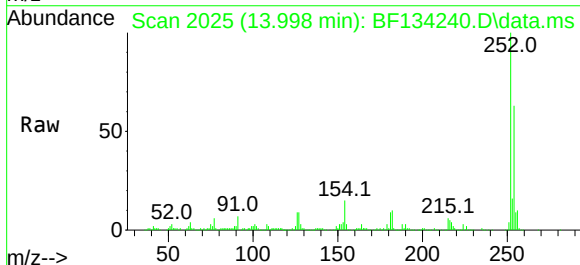
Instrument :
BNA_F
ClientSampleId :
PB154118BS

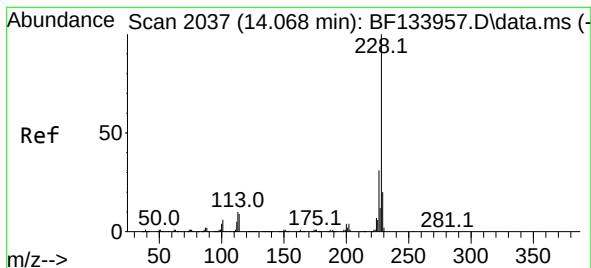
Tgt Ion:228 Resp: 689193
Ion Ratio Lower Upper
228 100
226 27.4 22.0 33.0
229 19.7 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 30.031 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:252 Resp: 158227
Ion Ratio Lower Upper
252 100
254 63.4 51.4 77.0
126 8.9 7.4 11.2





#83

Chrysene

Concen: 40.698 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

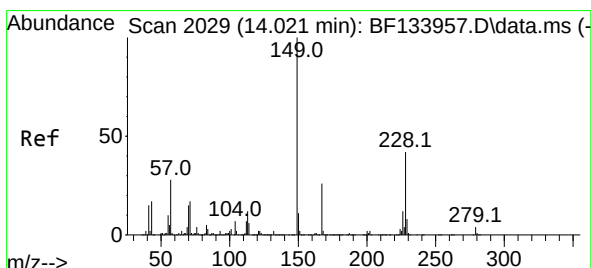
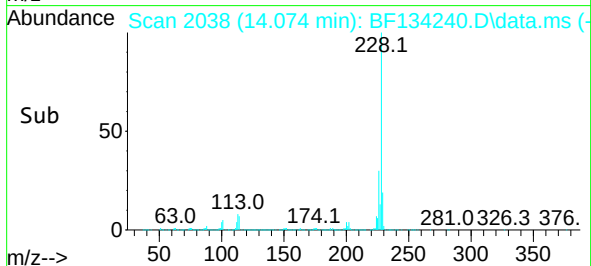
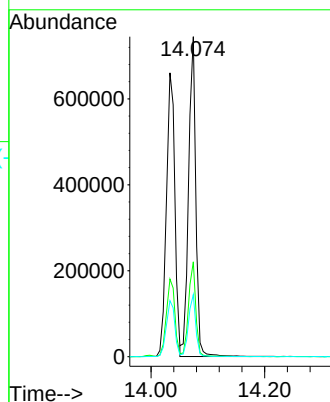
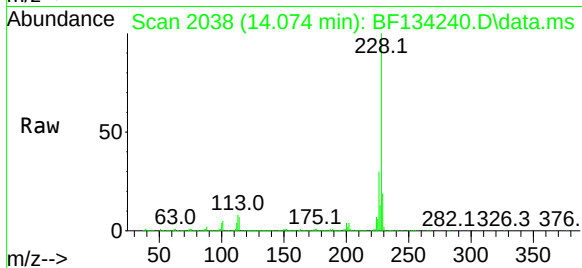
Tgt Ion:228 Resp: 655539

Ion Ratio Lower Upper

228 100

226 29.7 24.4 36.6

229 19.4 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.539 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

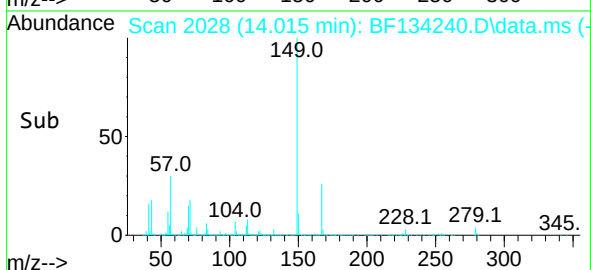
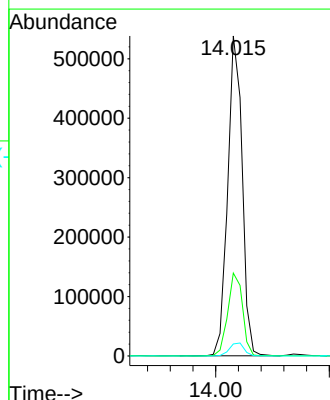
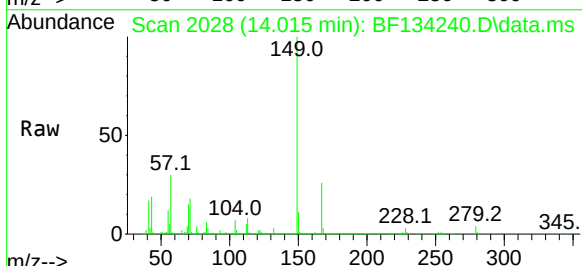
Tgt Ion:149 Resp: 476422

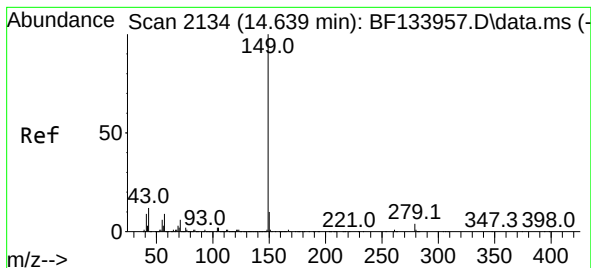
Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.4

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 48.513 ng

RT: 14.639 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

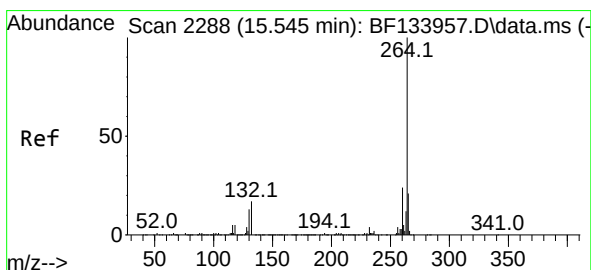
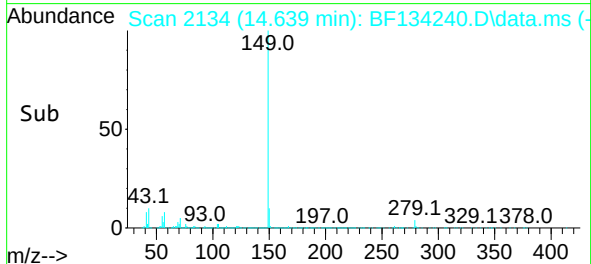
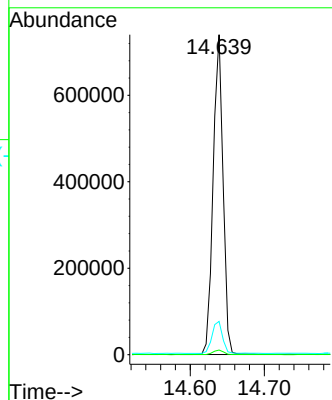
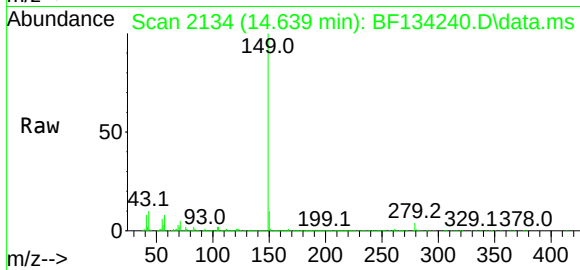
Tgt Ion:149 Resp: 685541

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.6 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2289

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

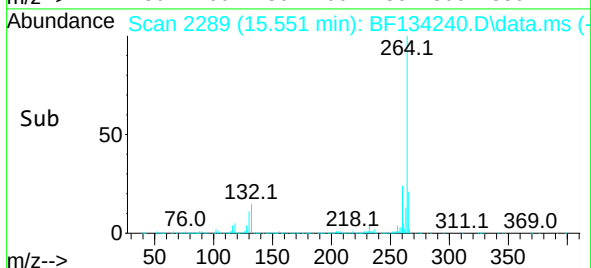
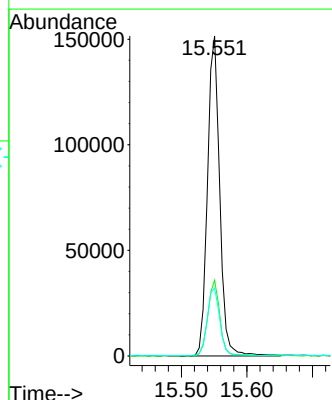
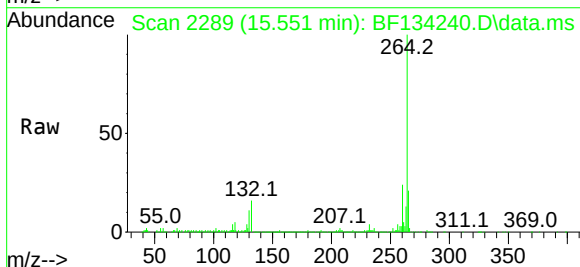
Tgt Ion:264 Resp: 196609

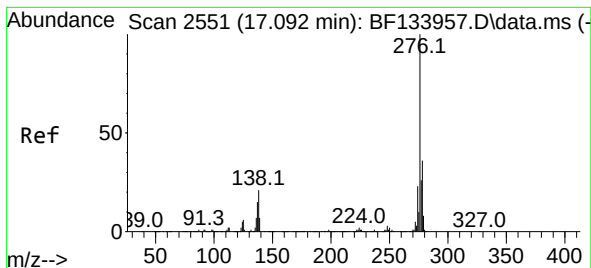
Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.2 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.075 ng

RT: 17.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

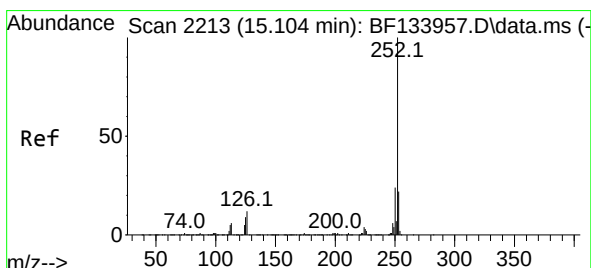
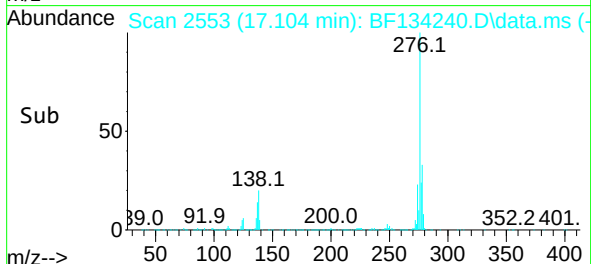
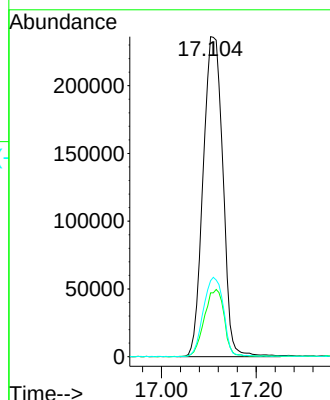
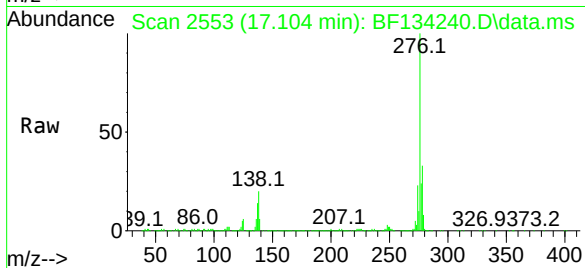
Tgt Ion:276 Resp: 683158

Ion Ratio Lower Upper

276 100

138 21.2 18.7 28.1

277 25.4 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 47.194 ng

RT: 15.104 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

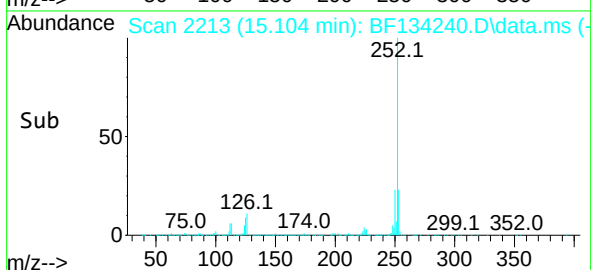
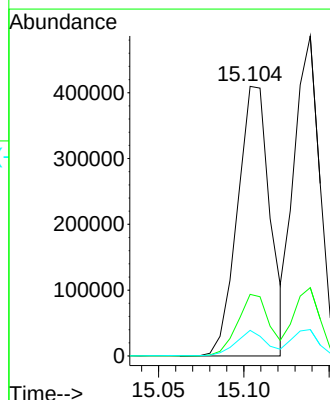
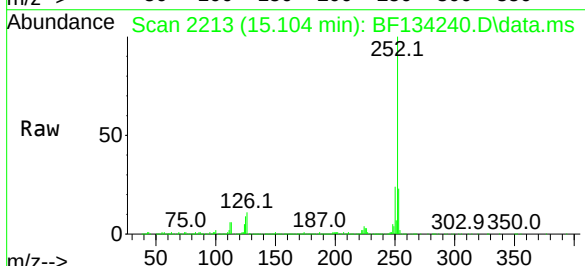
Tgt Ion:252 Resp: 545601

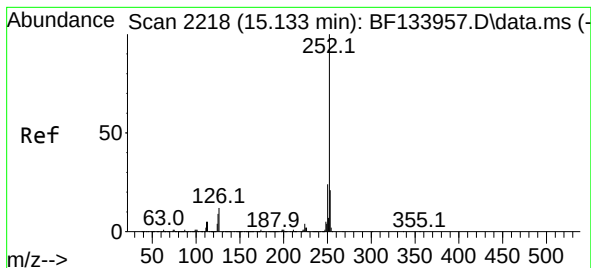
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 9.5 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 44.480 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

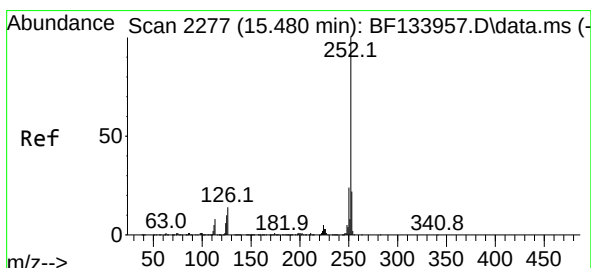
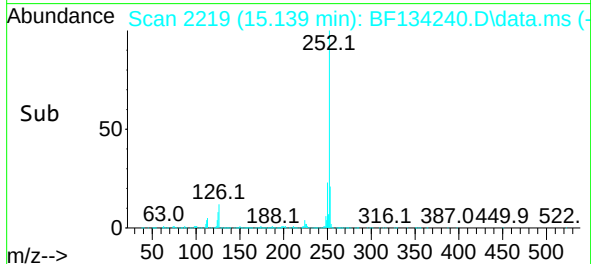
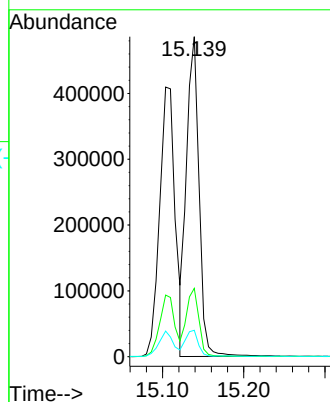
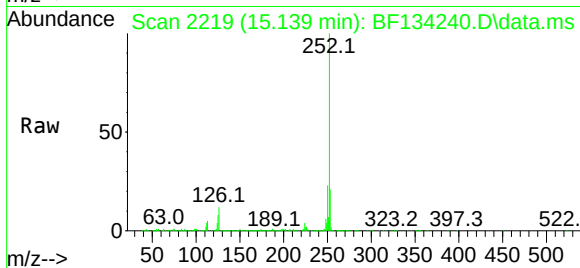
Tgt Ion:252 Resp: 523558

Ion Ratio Lower Upper

252 100

253 21.3 16.9 25.3

125 8.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 41.900 ng

RT: 15.486 min Scan# 2278

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

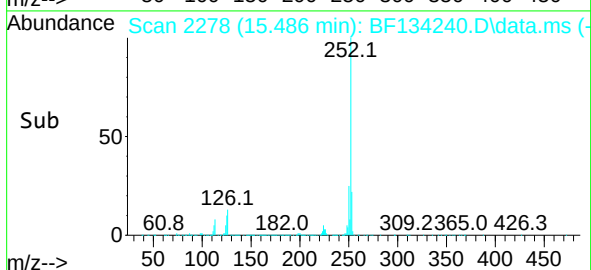
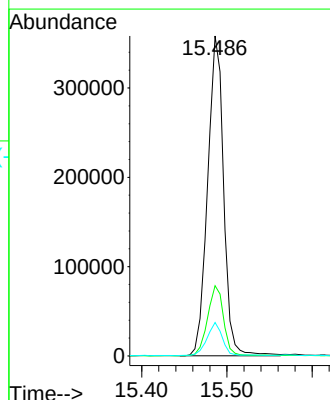
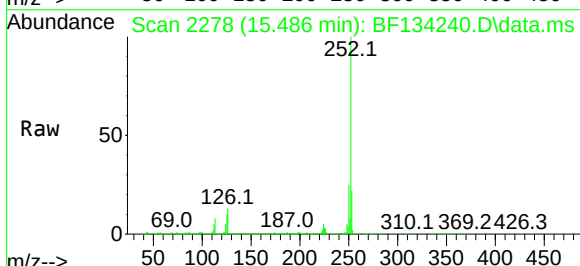
Tgt Ion:252 Resp: 468409

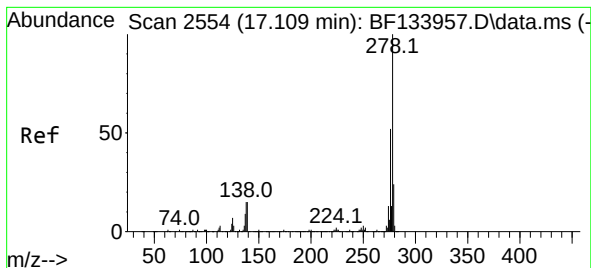
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 10.5 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 51.303 ng

RT: 17.127 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

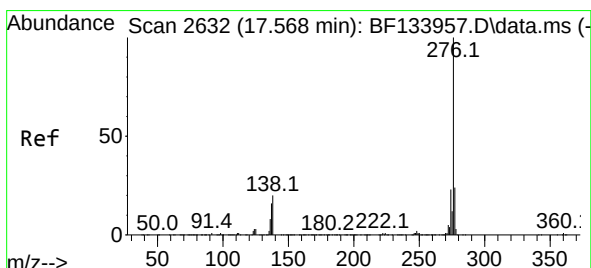
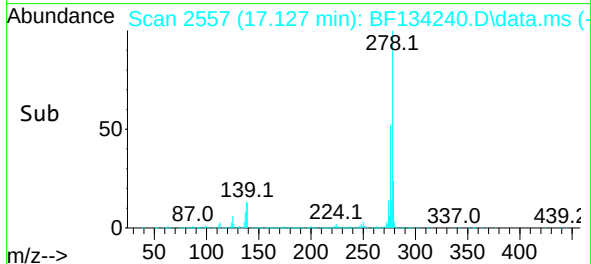
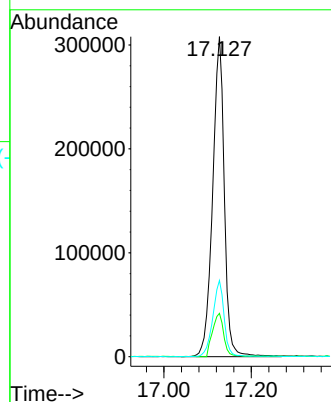
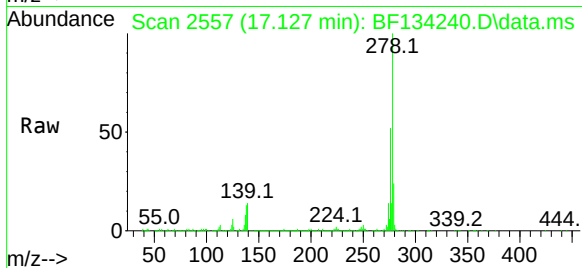
Tgt Ion:278 Resp: 571677

Ion Ratio Lower Upper

278 100

139 13.6 12.2 18.4

279 23.8 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 49.449 ng

RT: 17.580 min Scan# 2634

Delta R.T. 0.012 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Tgt Ion:276 Resp: 568232

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.6

138 18.2 16.2 24.2

