

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
 Data File : BF134704.D
 Acq On : 10 Aug 2023 11:38
 Operator : CG\JU
 Sample : PB154698BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154698BS

Quant Time: Aug 11 03:52:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	204441	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	810970	20.000	ng	# 0.00
39) Acenaphthene-d10	9.839	164	414747	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	751163	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	438824	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	421198	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1414758	105.193	ng	0.02
7) Phenol-d6	6.451	99	1791932	104.229	ng	0.01
23) Nitrobenzene-d5	7.369	82	1154256	88.946	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	554786	131.219	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1969078	78.939	ng	0.00
79) Terphenyl-d14	12.921	244	2396834	96.287	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	191862	31.006	ng	# 93
3) Pyridine	3.416	79	516489	30.803	ng	92
4) n-Nitrosodimethylamine	3.357	42	289281	36.107	ng	# 57
6) Aniline	6.469	93	730514	32.395	ng	91
8) 2-Chlorophenol	6.592	128	623038	45.923	ng	94
9) Benzaldehyde	6.357	77	317239	37.479	ng	98
10) Phenol	6.463	94	691364	40.807	ng	98
11) bis(2-Chloroethyl)ether	6.545	93	589327	43.788	ng	94
12) 1,3-Dichlorobenzene	6.822	146	626166	44.608	ng	94
13) 1,4-Dichlorobenzene	6.822	146	626166	44.510	ng	97
14) 1,2-Dichlorobenzene	6.969	146	607357	46.336	ng	97
15) Benzyl Alcohol	6.951	79	511051	43.089	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.081	45	893885	42.394	ng	91
17) 2-Methylphenol	7.063	107	480010	40.038	ng	94
18) Hexachloroethane	7.310	117	231389	46.864	ng	95
19) n-Nitroso-di-n-propyla...	7.222	70	398325	38.697	ng	91
20) 3+4-Methylphenols	7.216	107	528275	36.538	ng	# 85
22) Acetophenone	7.216	105	742890	39.680	ng	# 93
24) Nitrobenzene	7.386	77	615222	43.883	ng	94
25) Isophorone	7.628	82	1158954	40.946	ng	100
26) 2-Nitrophenol	7.698	139	326791	54.101	ng	# 90
27) 2,4-Dimethylphenol	7.739	122	493894	39.107	ng	86
28) bis(2-Chloroethoxy)met...	7.834	93	713888	42.163	ng	99
29) 2,4-Dichlorophenol	7.945	162	494675	43.157	ng	97
30) 1,2,4-Trichlorobenzene	8.022	180	546947	44.747	ng	97
31) Naphthalene	8.104	128	1674368	41.081	ng	99
32) Benzoic acid	7.881	122	425340	51.035	ng	92
33) 4-Chloroaniline	8.157	127	542442	29.869	ng	95
34) Hexachlorobutadiene	8.216	225	319628	45.334	ng	96
35) Caprolactam	8.545	113	107401	29.043	ng	92
36) 4-Chloro-3-methylphenol	8.639	107	534695	44.048	ng	94
37) 2-Methylnaphthalene	8.798	142	1082177	40.057	ng	99
38) 1-Methylnaphthalene	8.892	142	1032908	41.116	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	529118	43.872	ng	98
41) Hexachlorocyclopentadiene	8.945	237	534647	91.161	ng	93
43) 2,4,6-Trichlorophenol	9.075	196	364666	46.201	ng	98

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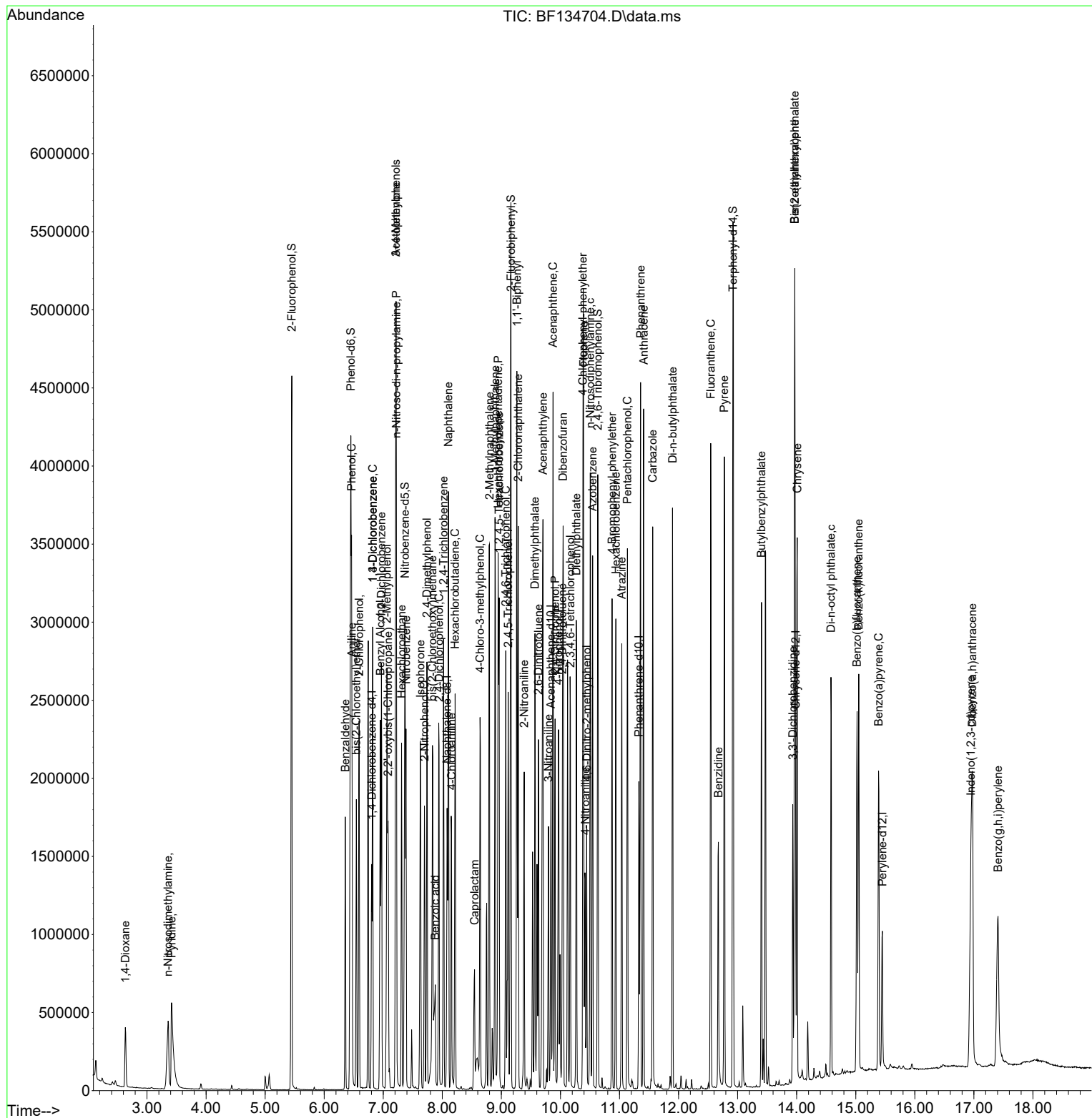
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	393053	43.570	ng	94
46) 1,1'-Biphenyl	9.263	154	1359414	42.150	ng	99
47) 2-Chloronaphthalene	9.286	162	1043155	43.166	ng	98
48) 2-Nitroaniline	9.386	65	344285	45.848	ng	89
49) Acenaphthylene	9.704	152	1608073	42.332	ng	99
50) Dimethylphthalate	9.569	163	1243848	44.002	ng	98
51) 2,6-Dinitrotoluene	9.628	165	288770	49.761	ng	87
52) Acenaphthene	9.875	154	979571	39.792	ng	99
53) 3-Nitroaniline	9.798	138	261825	41.555	ng	97
54) 2,4-Dinitrophenol	9.910	184	307190	113.512	ng	86
55) Dibenzofuran	10.045	168	1435251	40.956	ng	96
56) 4-Nitrophenol	9.969	139	472299	91.653	ng	# 77
57) 2,4-Dinitrotoluene	10.033	165	362454	51.585	ng	91
58) Fluorene	10.392	166	1058623	41.473	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.169	232	338813	47.473	ng	96
60) Diethylphthalate	10.269	149	1176611	43.913	ng	96
61) 4-Chlorophenyl-phenyle...	10.380	204	538764	42.941	ng	95
62) 4-Nitroaniline	10.422	138	301948	48.894	ng	86
63) Azobenzene	10.545	77	1174937	40.814	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	203785	63.656	ng	87
66) n-Nitrosodiphenylamine	10.504	169	1028576	43.021	ng	98
67) 4-Bromophenyl-phenylether	10.874	248	378023	45.972	ng	96
68) Hexachlorobenzene	10.939	284	431898	49.740	ng	# 92
69) Atrazine	11.039	200	363218	56.363	ng	97
70) Pentachlorophenol	11.133	266	423307	78.735	ng	95
71) Phenanthrene	11.357	178	1690148	42.361	ng	100
72) Anthracene	11.410	178	1717465	42.142	ng	98
73) Carbazole	11.563	167	1543986	42.430	ng	100
74) Di-n-butylphthalate	11.898	149	1843468	47.685	ng	98
75) Fluoranthene	12.545	202	1766512	41.915	ng	95
77) Benzidine	12.674	184	726680	76.284	ng	99
78) Pyrene	12.774	202	1769895	46.610	ng	96
80) Butylbenzylphthalate	13.404	149	671815	52.322	ng	# 96
81) Benzo(a)anthracene	13.968	228	1281962	40.855	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	413786	45.494	ng	# 99
83) Chrysene	14.010	228	1276123	41.744	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	706875	46.781	ng	98
85) Di-n-octyl phthalate	14.580	149	1262206	54.931	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	1445206	58.341	ng	# 92
88) Benzo(b)fluoranthene	15.021	252	1159917	45.153	ng	# 97
89) Benzo(k)fluoranthene	15.051	252	1105963	43.219	ng	# 98
90) Benzo(a)pyrene	15.386	252	1026672	42.865	ng	# 95
91) Dibenzo(a,h)anthracene	16.974	278	1195914	59.738	ng	# 95
92) Benzo(g,h,i)perylene	17.409	276	1175551	57.566	ng	# 93

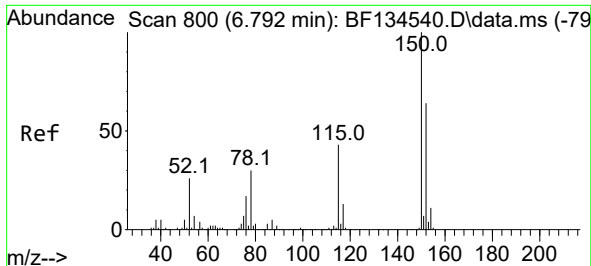
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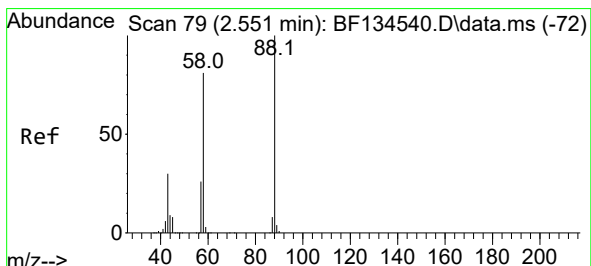
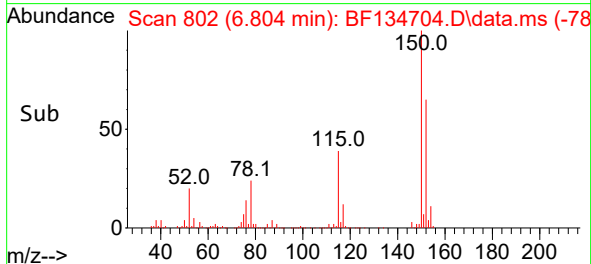
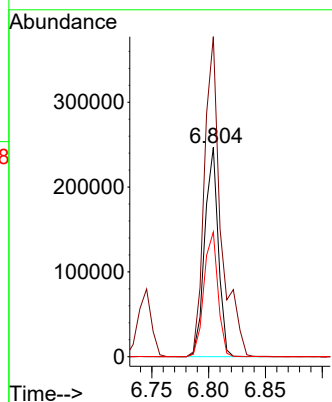
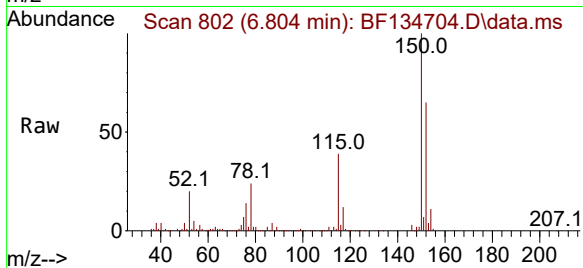




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF134704.D
 Acq: 10 Aug 2023 11:38

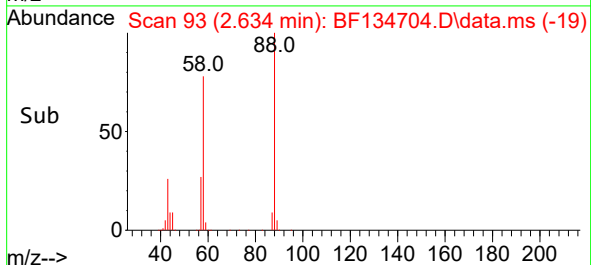
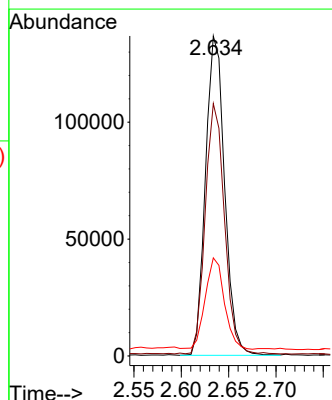
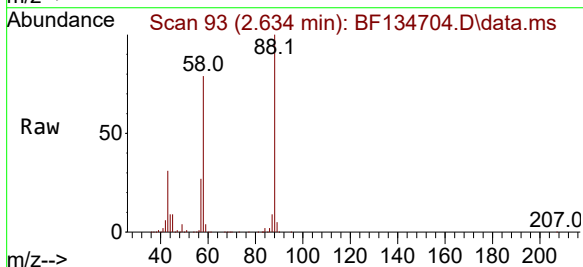
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 ClientSampleId :
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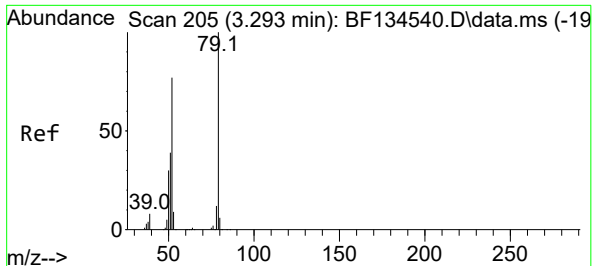
Tgt Ion:152 Resp: 204441
 Ion Ratio Lower Upper
 152 100
 150 152.9 128.3 192.5
 115 59.6 52.4 78.6



#2
 1,4-Dioxane
 Concen: 31.006 ng
 RT: 2.634 min Scan# 93
 Delta R.T. 0.082 min
 Lab File: BF134704.D
 Acq: 10 Aug 2023 11:38

Tgt Ion: 88 Resp: 191862
 Ion Ratio Lower Upper
 88 100
 58 79.0 65.1 97.7
 43 28.7 30.3 45.5#



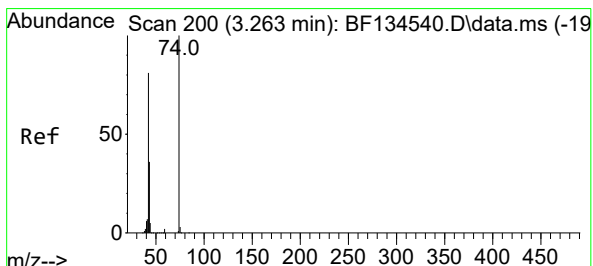
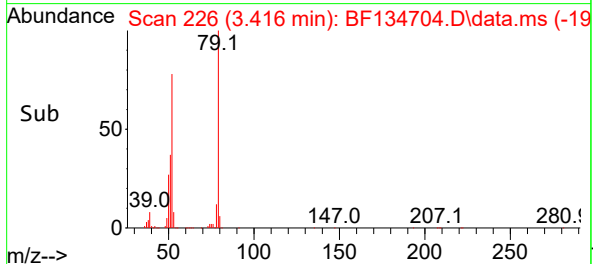
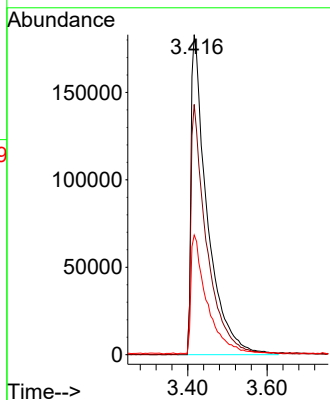
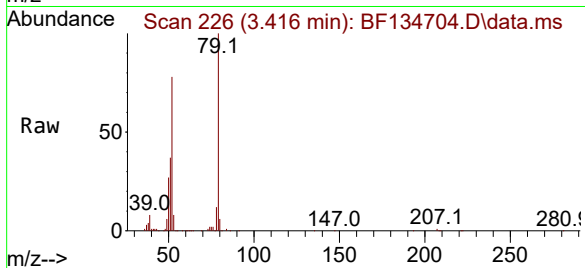


#3
 Pyridine
 Concen: 30.803 ng
 RT: 3.416 min Scan# 216
 Delta R.T. 0.112 min
 Lab File: BF134704.D
 Acq: 10 Aug 2023 11:38

Instrument :
 BNA_F
 ClientSampleId :
 PB154698BS

Tgt Ion: 79 Resp: 516489

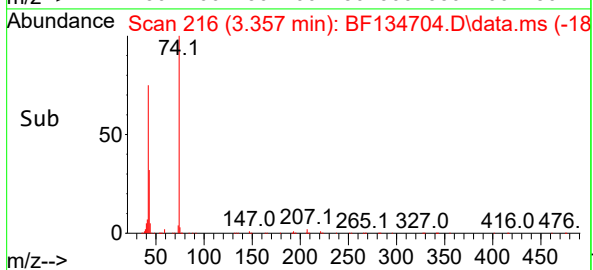
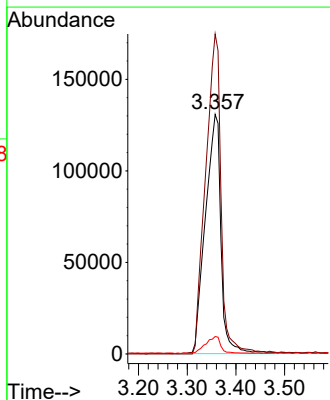
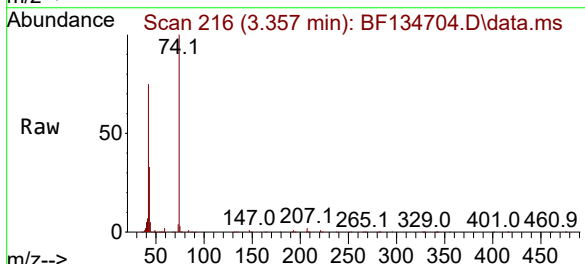
Ion	Ratio	Lower	Upper
79	100		
52	78.2	66.6	100.0
51	37.4	36.5	54.7

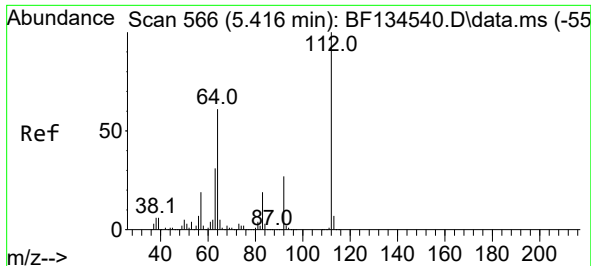


#4
 n-Nitrosodimethylamine
 Concen: 36.107 ng
 RT: 3.357 min Scan# 216
 Delta R.T. 0.076 min
 Lab File: BF134704.D
 Acq: 10 Aug 2023 11:38

Tgt Ion: 42 Resp: 289281

Ion	Ratio	Lower	Upper
42	100		
74	133.6	72.2	108.4
44	7.3	5.4	8.0

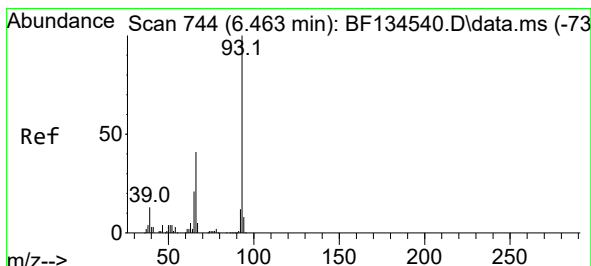
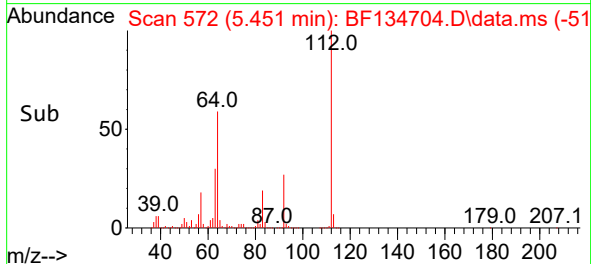
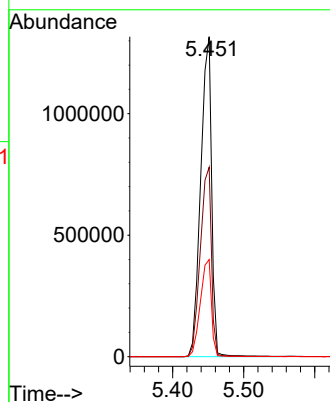
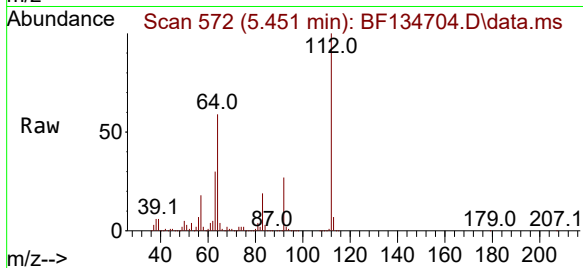




#5
2-Fluorophenol
Concen: 105.193 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF134704.D
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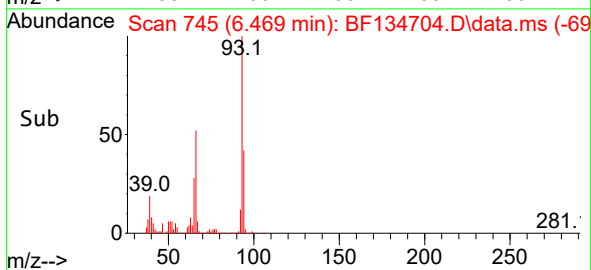
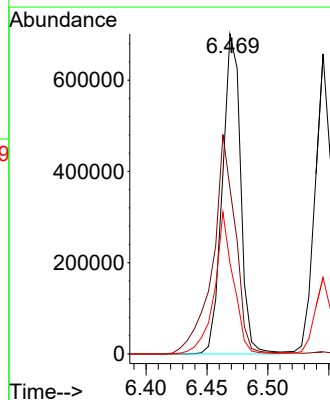
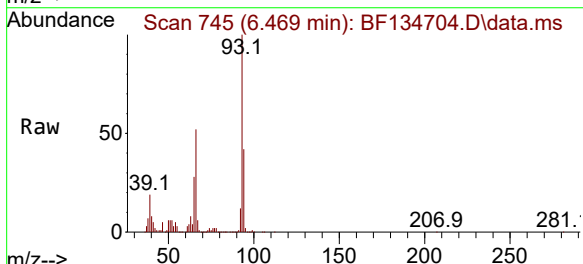
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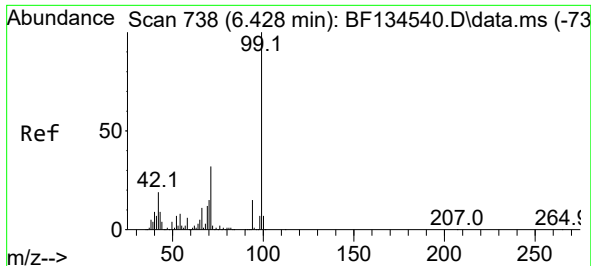
Tgt Ion:112 Resp: 1414758
Ion Ratio Lower Upper
112 100
64 59.2 44.9 67.3
63 30.4 25.4 38.0



#6
Aniline
Concen: 32.395 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF134704.D
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Tgt Ion: 93 Resp: 730514
Ion Ratio Lower Upper
93 100
66 51.7 36.8 55.2
65 28.3 19.4 29.0

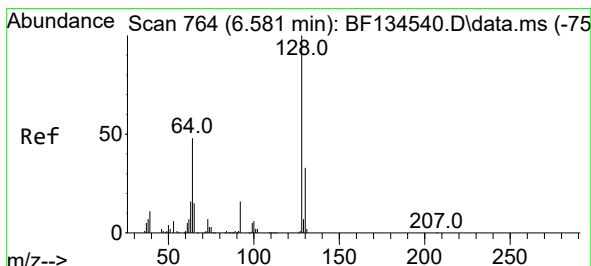
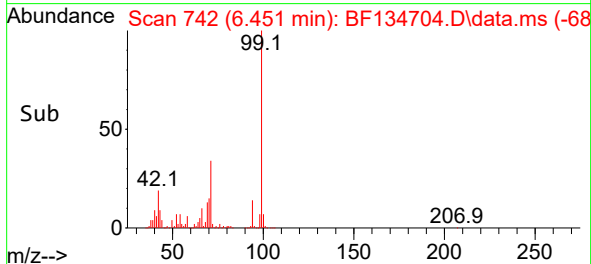
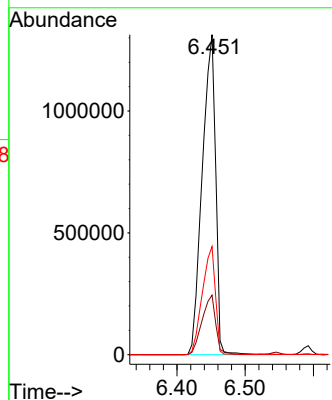
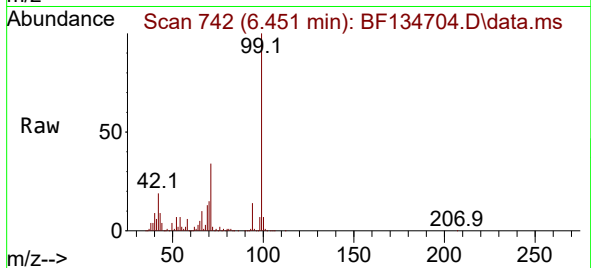




#7
Phenol-d6
Concen: 104.229 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.012 min
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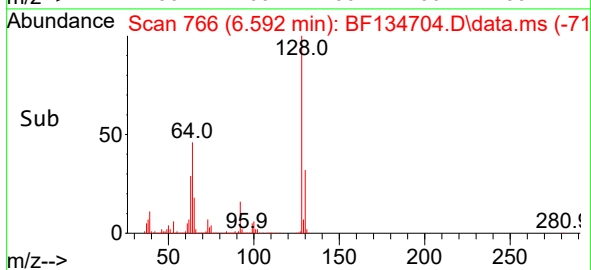
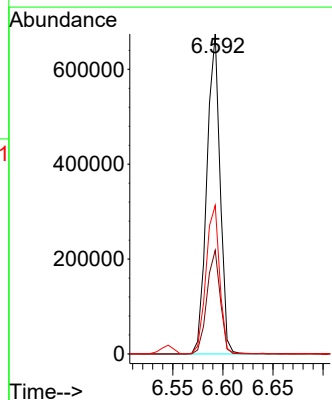
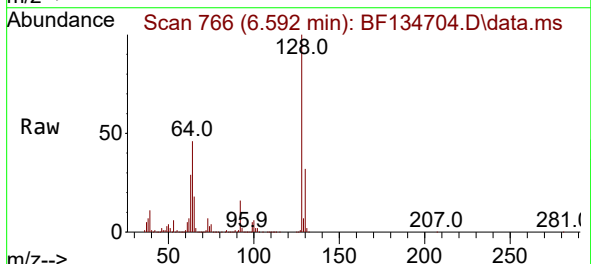
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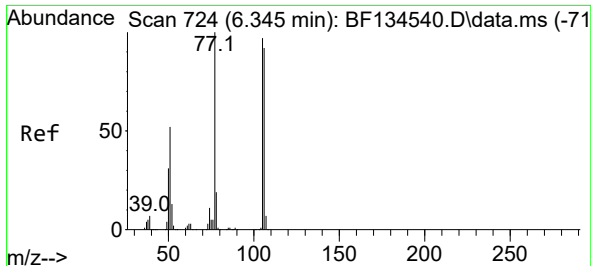
Tgt Ion: 99 Resp: 1791932
Ion Ratio Lower Upper
99 100
42 18.6 18.7 28.1#
71 33.8 36.4 54.6#



#8
2-Chlorophenol
Concen: 45.923 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:128 Resp: 623038
Ion Ratio Lower Upper
128 100
130 32.4 11.1 51.1
64 46.4 31.9 71.9

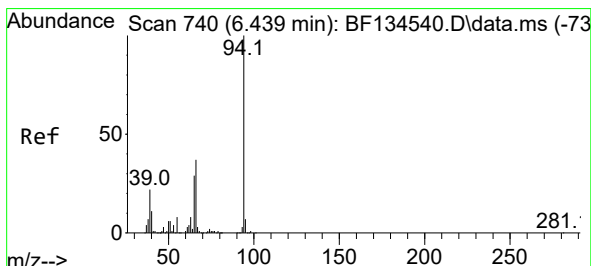
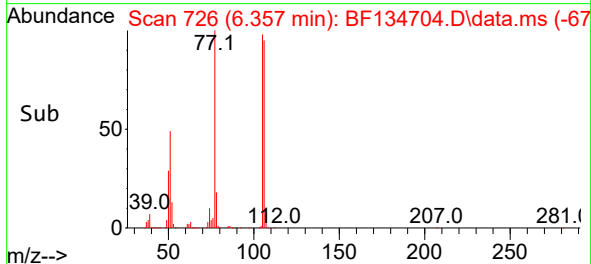
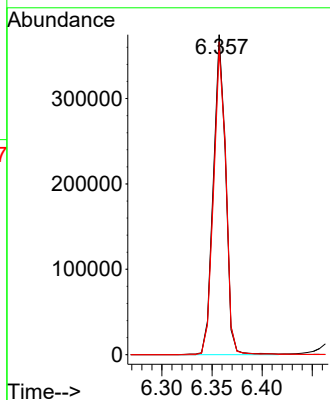
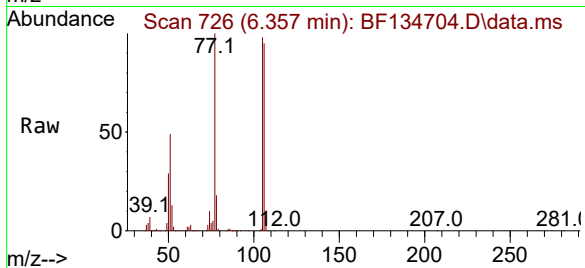




#9
Benzaldehyde
Concen: 37.479 ng
RT: 6.357 min Scan# 71
Delta R.T. 0.000 min
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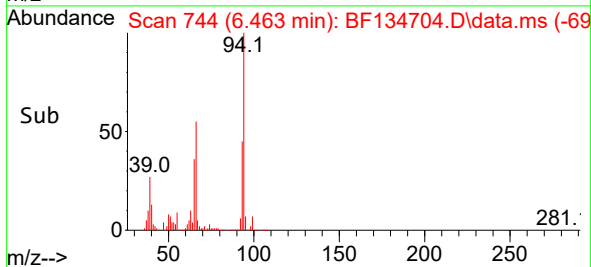
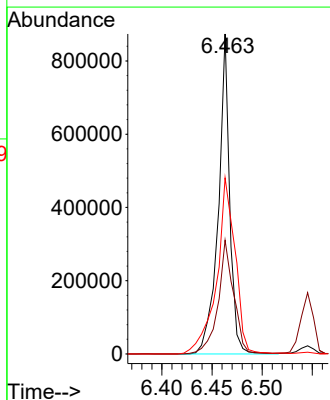
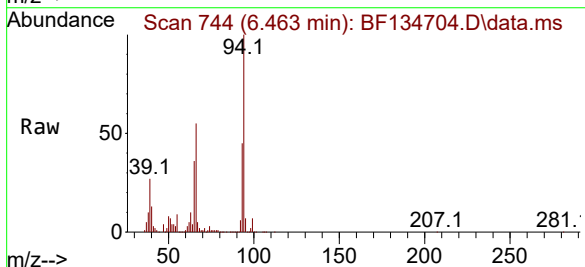
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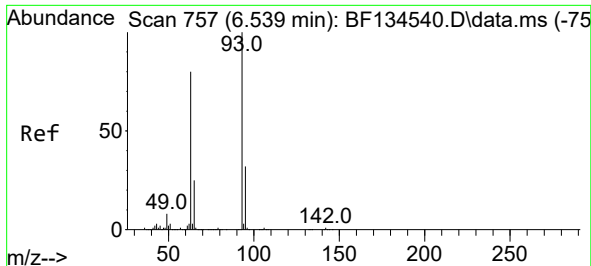
Tgt Ion: 77 Resp: 317239
Ion Ratio Lower Upper
77 100
105 97.8 77.1 117.1
106 95.0 71.4 111.4



#10
Phenol
Concen: 40.807 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.012 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion: 94 Resp: 691364
Ion Ratio Lower Upper
94 100
65 35.5 17.8 57.8
66 55.0 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 43.788 ng

RT: 6.545 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

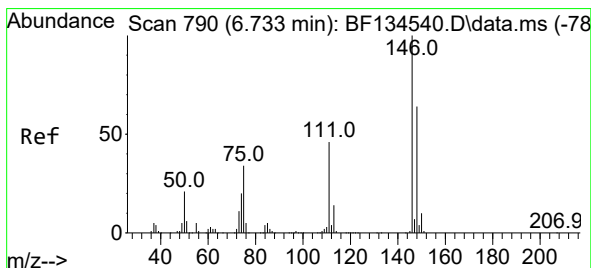
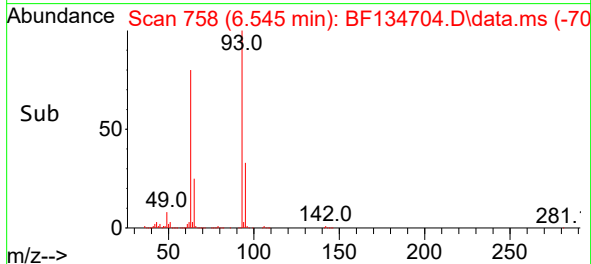
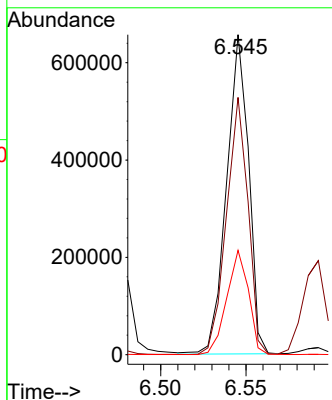
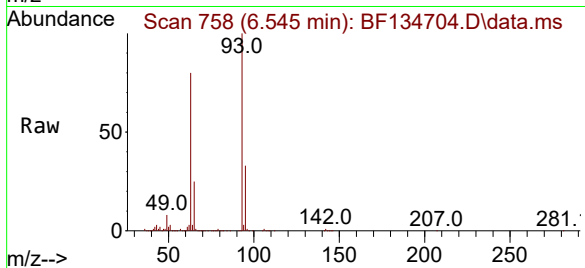
Tgt Ion: 93 Resp: 589327

Ion Ratio Lower Upper

93 100

63 80.4 68.4 108.4

95 32.6 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 44.608 ng

RT: 6.822 min Scan# 805

Delta R.T. 0.082 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

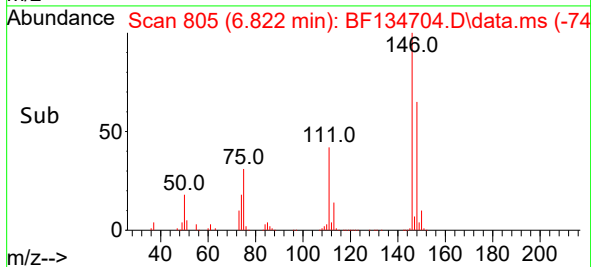
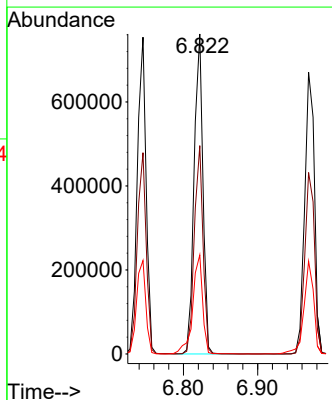
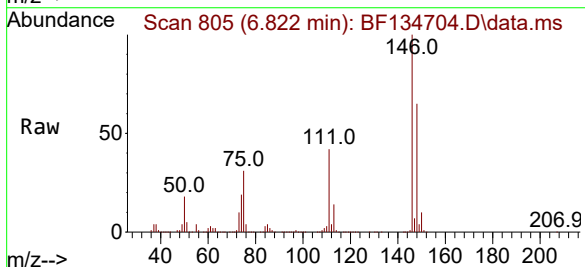
Tgt Ion: 146 Resp: 626166

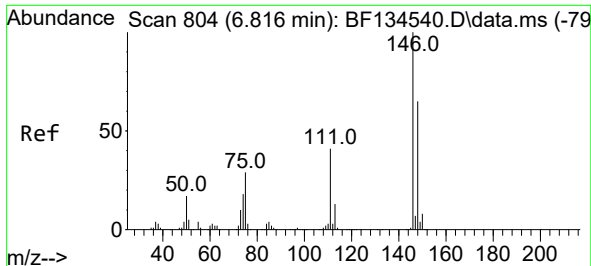
Ion Ratio Lower Upper

146 100

148 65.1 49.7 74.5

75 30.9 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 44.510 ng

RT: 6.822 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

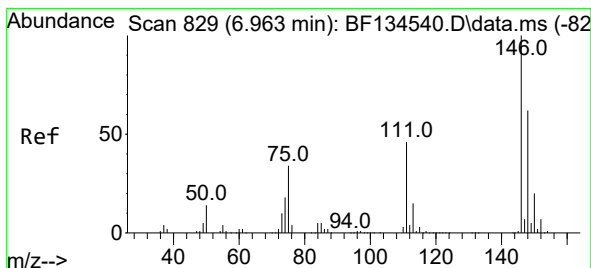
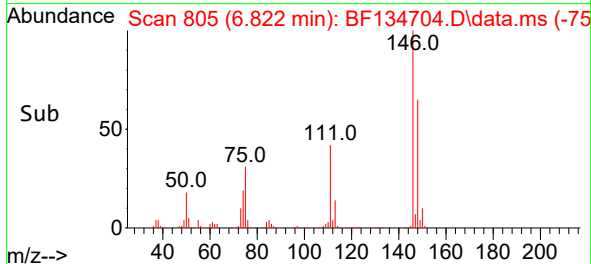
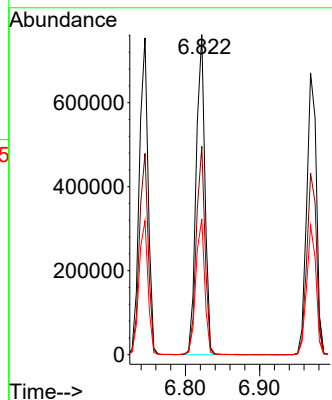
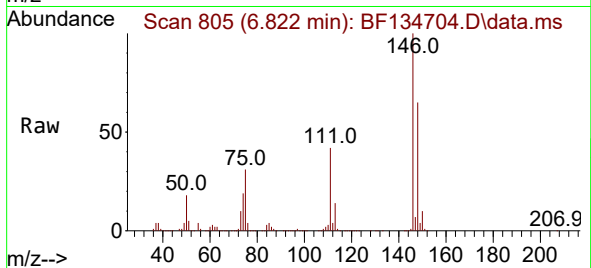
Tgt Ion:146 Resp: 626166

Ion Ratio Lower Upper

146 100

148 65.1 51.3 76.9

111 42.4 36.6 55.0



#14

1,2-Dichlorobenzene

Concen: 46.336 ng

RT: 6.969 min Scan# 830

Delta R.T. 0.000 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

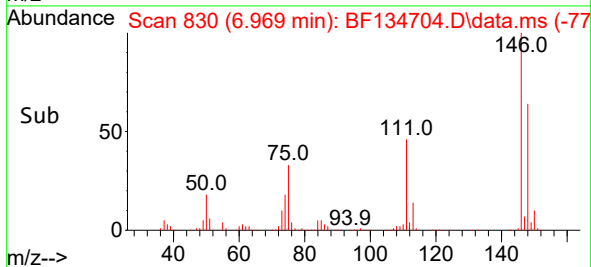
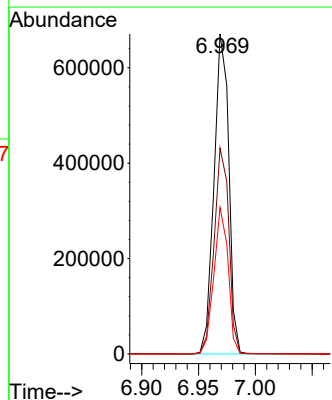
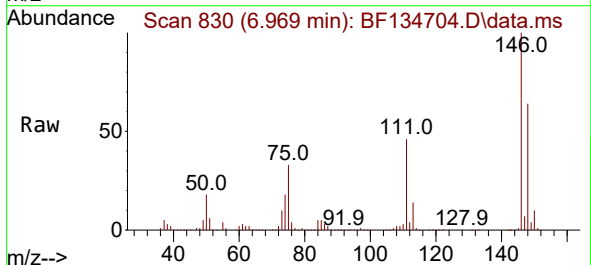
Tgt Ion:146 Resp: 607357

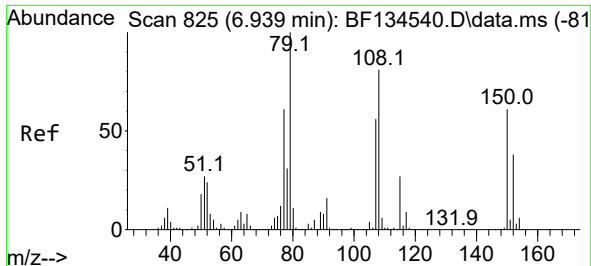
Ion Ratio Lower Upper

146 100

148 64.4 51.2 76.8

111 45.8 39.9 59.9

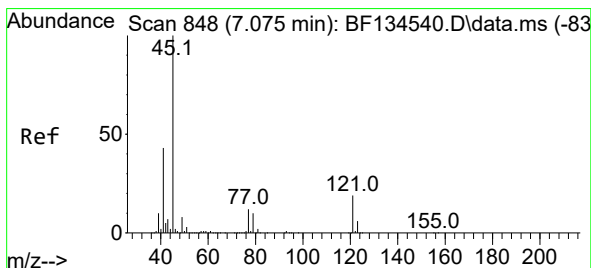
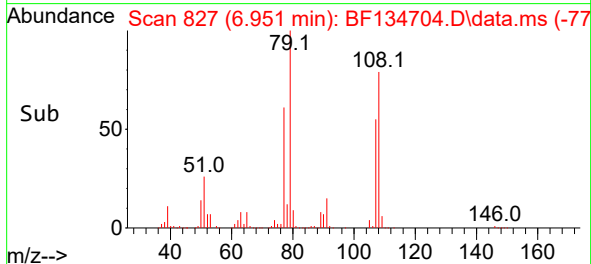
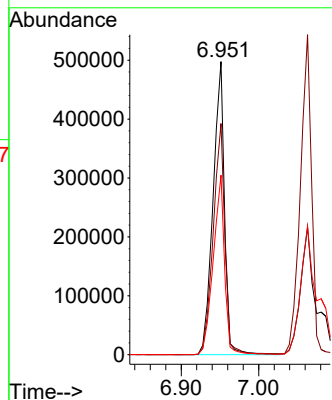
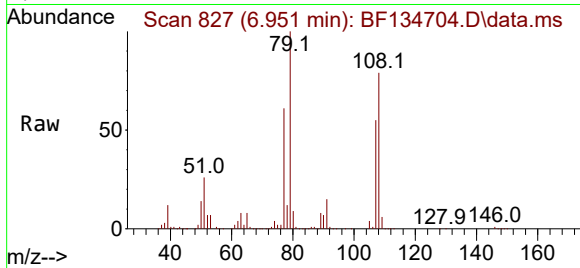




#15
Benzyl Alcohol
Concen: 43.089 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

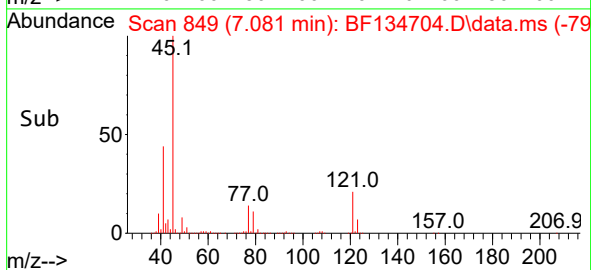
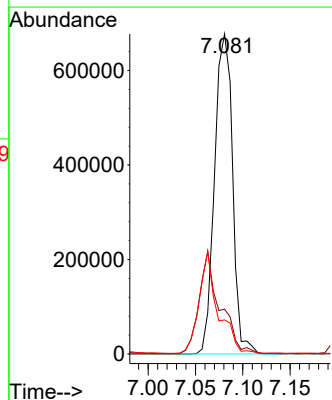
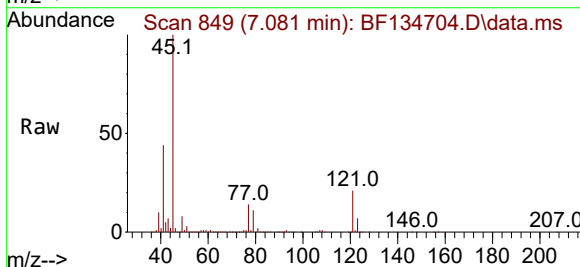
Instrument :
BNA_F
ClientSampleId :
PB154698BS

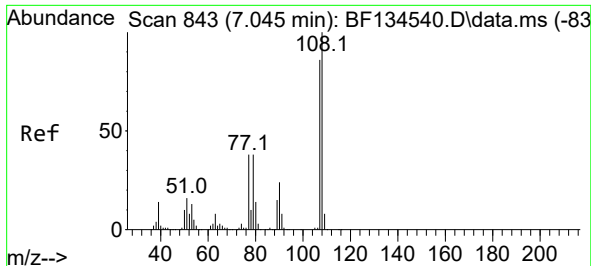
Tgt Ion: 79 Resp: 511051
Ion Ratio Lower Upper
79 100
108 78.9 56.3 84.5
77 61.2 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.394 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion: 45 Resp: 893885
Ion Ratio Lower Upper
45 100
77 14.0 0.0 37.8
79 10.7 0.0 34.5

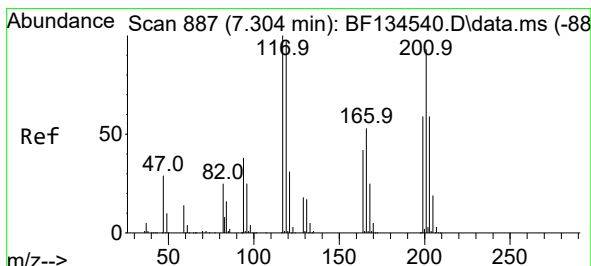
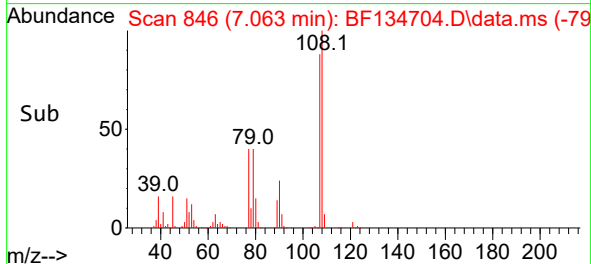
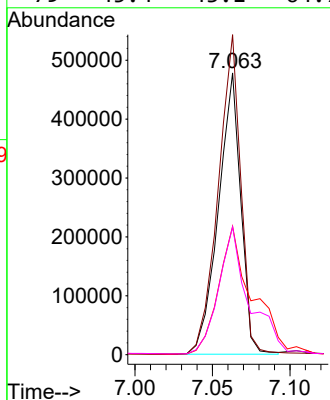
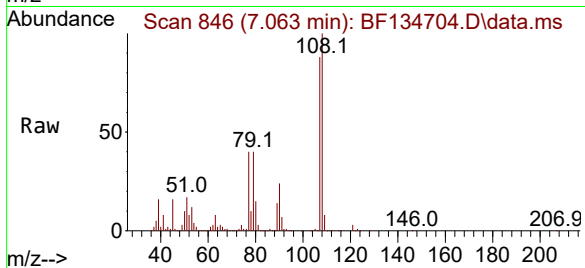




#17
2-Methylphenol
Concen: 40.038 ng
RT: 7.063 min Scan# 843
Delta R.T. 0.012 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

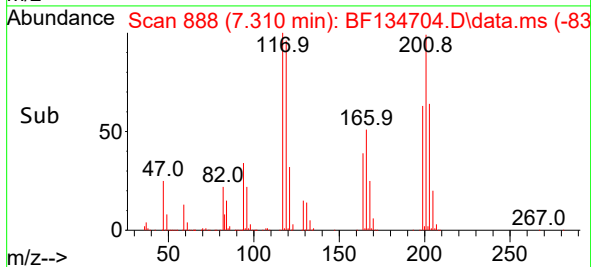
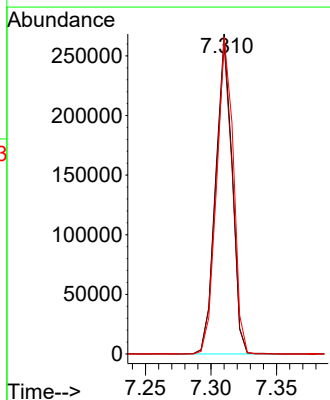
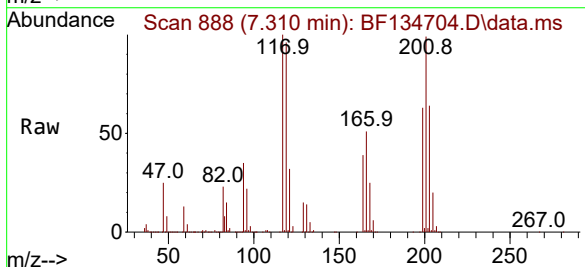
Instrument :
BNA_F
ClientSampleId :
PB154698BS

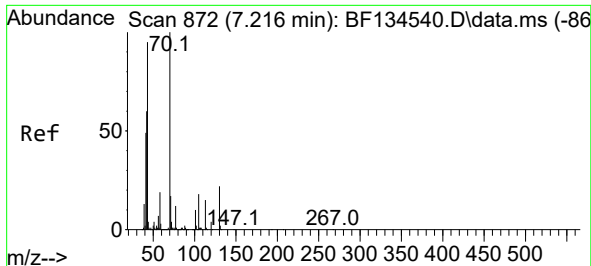
Tgt Ion:107 Resp: 480010
Ion Ratio Lower Upper
107 100
108 113.6 89.4 134.2
77 45.5 42.4 63.6
79 45.4 43.1 64.7



#18
Hexachloroethane
Concen: 46.864 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:117 Resp: 231389
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.8
201 99.0 73.6 110.4

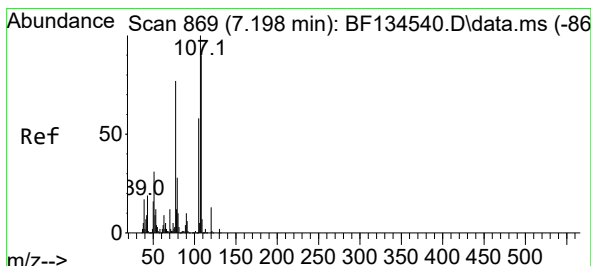
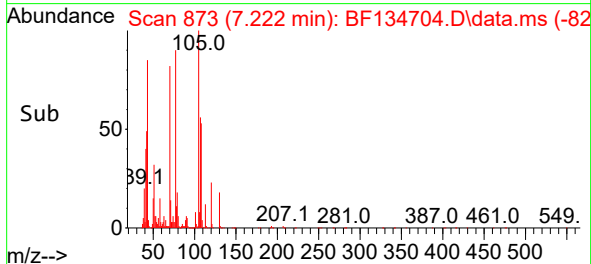
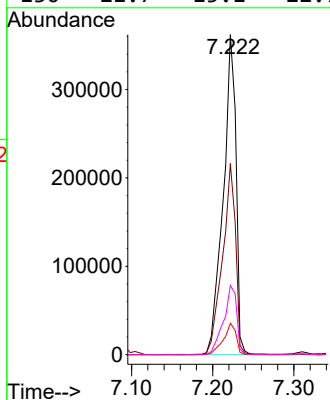
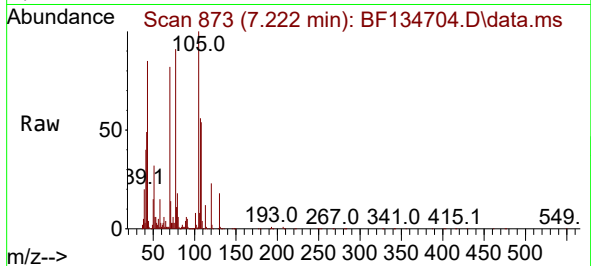




#19
n-Nitroso-di-n-propylamine
Concen: 38.697 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

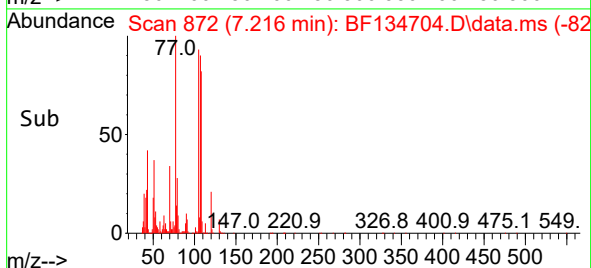
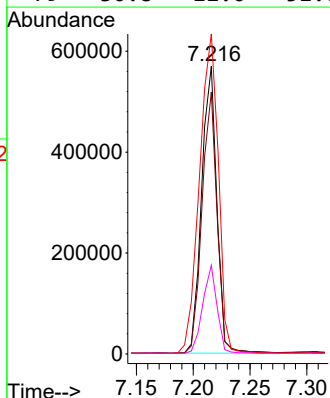
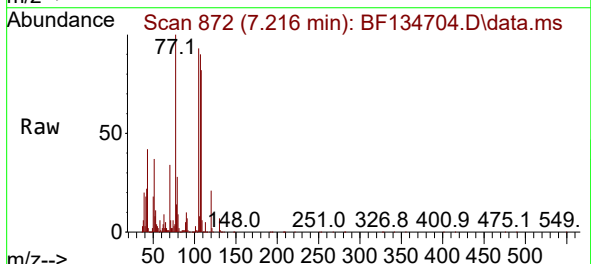
Instrument :
BNA_F
ClientSampleId :
PB154698BS

Tgt Ion: 70 Resp: 398325
Ion Ratio Lower Upper
70 100
42 59.7 54.7 82.1
101 9.8 8.2 12.2
130 21.7 15.1 22.7



#20
3+4-Methylphenols
Concen: 36.538 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion: 107 Resp: 528275
Ion Ratio Lower Upper
107 100
108 91.1 68.1 108.1
77 111.2 122.1 162.1#
79 30.8 11.0 51.0

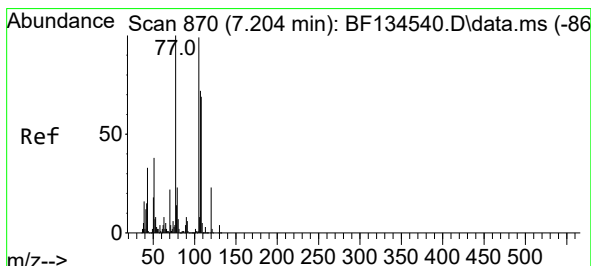
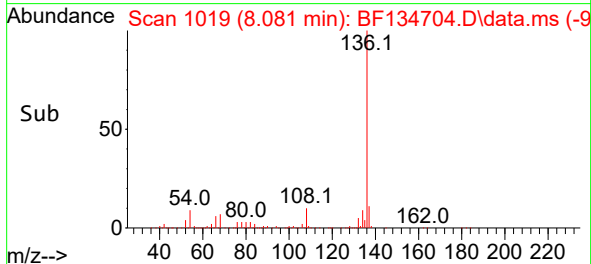
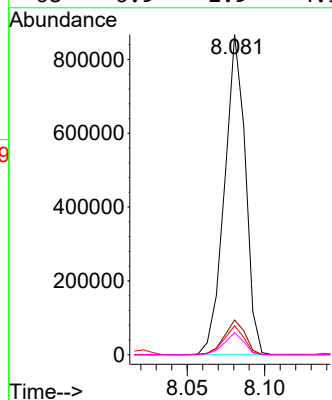
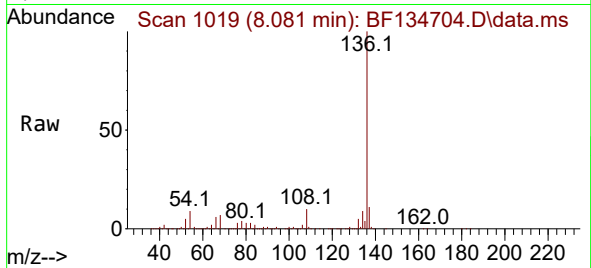




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

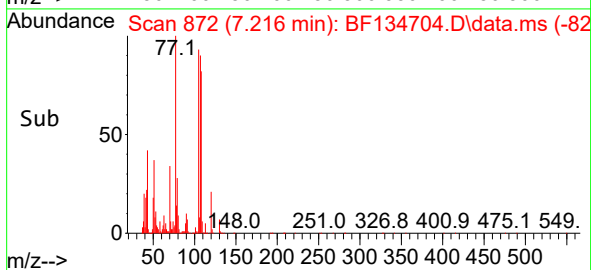
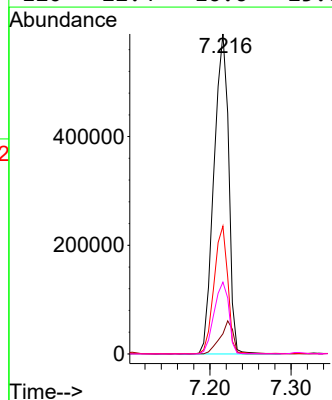
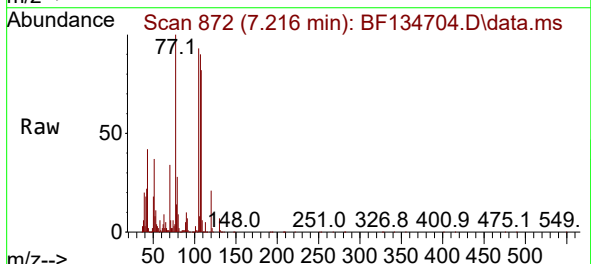
Instrument :
BNA_F
ClientSampleId :
PB154698BS

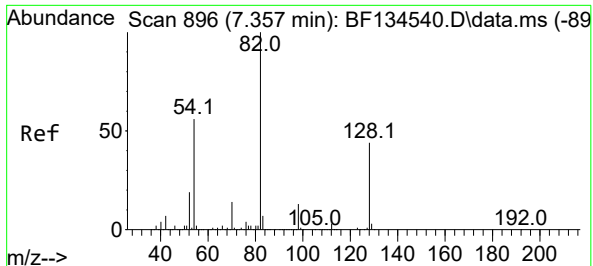
Tgt Ion:136 Resp: 810970
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 9.0 5.2 7.8#
68 6.9 2.9 4.3#



#22
Acetophenone
Concen: 39.680 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:105 Resp: 742890
Ion Ratio Lower Upper
105 100
71 6.3 7.4 11.0#
51 40.0 36.4 54.6
120 22.4 16.6 25.0

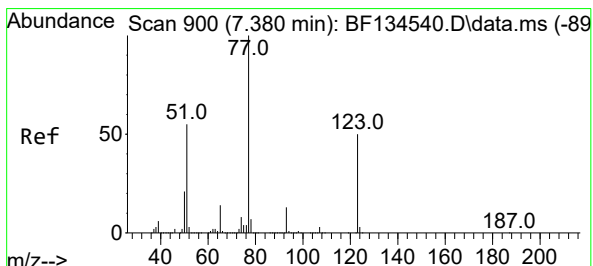
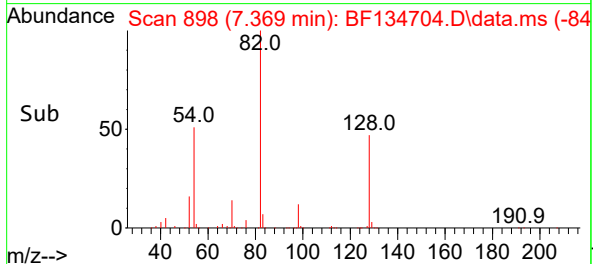
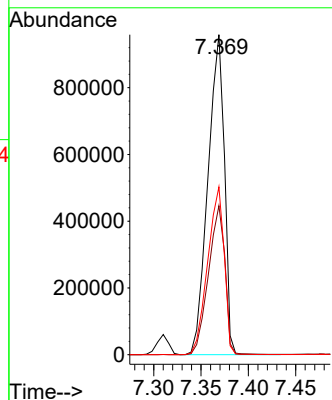
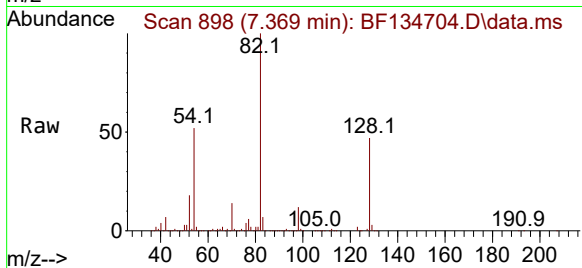




#23
Nitrobenzene-d5
Concen: 88.946 ng
RT: 7.369 min Scan# 89
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

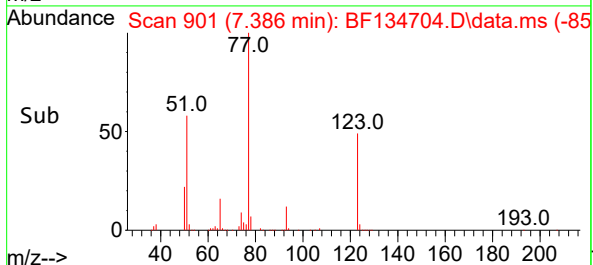
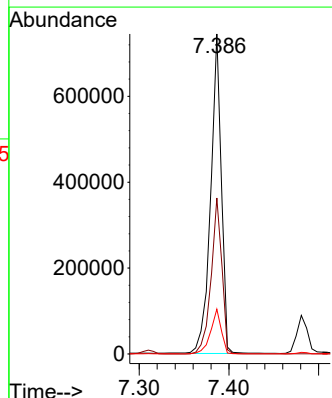
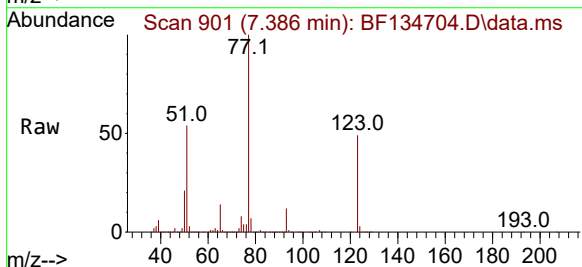
Instrument :
BNA_F
ClientSampleId :
PB154698BS

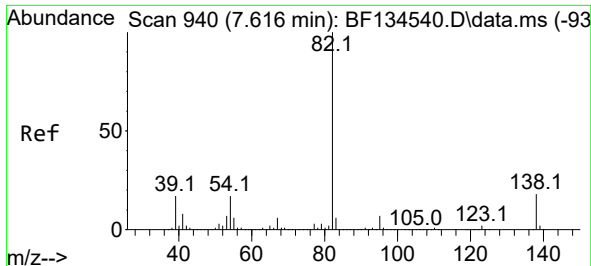
Tgt Ion: 82 Resp: 1154256
Ion Ratio Lower Upper
82 100
128 46.5 34.3 51.5
54 52.4 43.8 65.6



#24
Nitrobenzene
Concen: 43.883 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion: 77 Resp: 615222
Ion Ratio Lower Upper
77 100
123 48.8 35.5 53.3
65 14.0 11.9 17.9

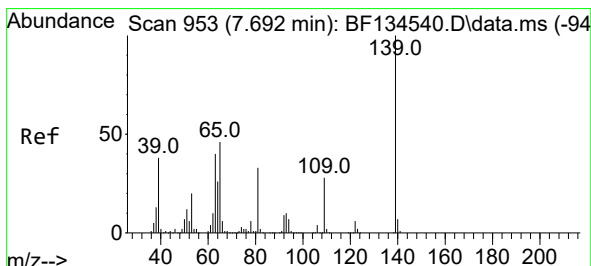
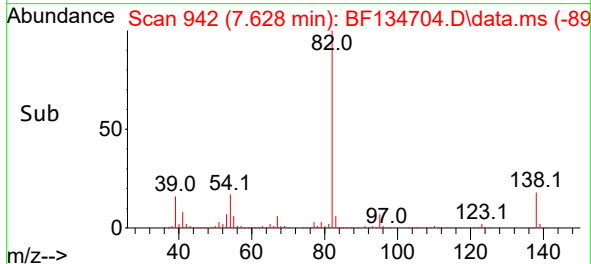
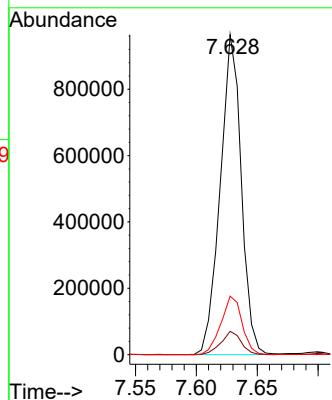
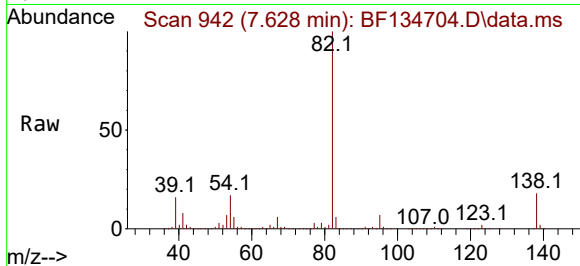




#25
Isophorone
Concen: 40.946 ng
RT: 7.628 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

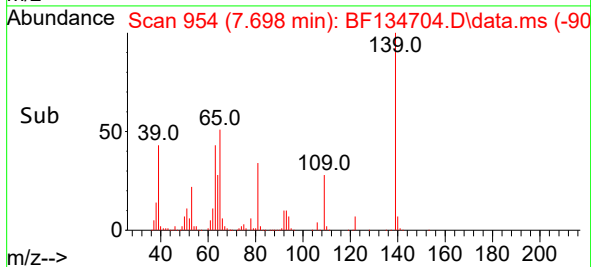
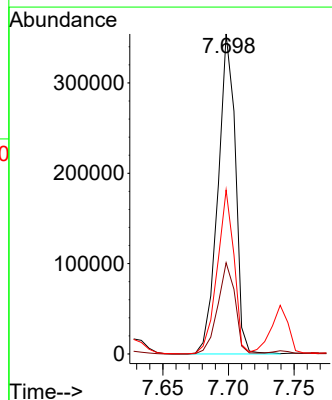
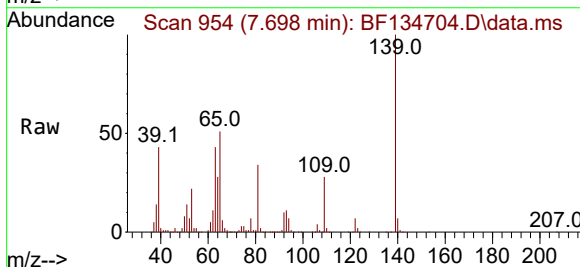
Instrument :
BNA_F
ClientSampleId :
PB154698BS

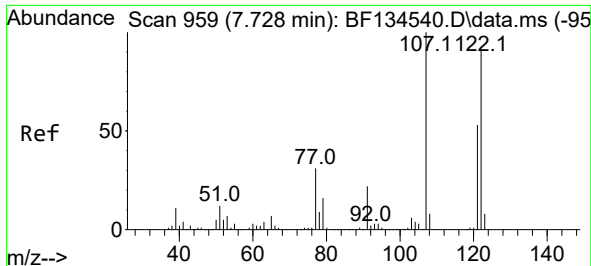
Tgt Ion: 82 Resp: 1158954
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 18.3 14.6 22.0



#26
2-Nitrophenol
Concen: 54.101 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion: 139 Resp: 326791
Ion Ratio Lower Upper
139 100
109 28.5 29.8 44.6#
65 51.3 45.4 68.2





#27

2,4-Dimethylphenol

Concen: 39.107 ng

RT: 7.739 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

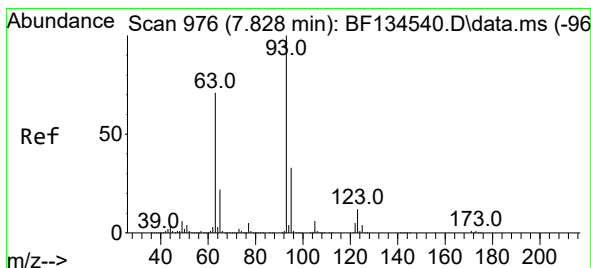
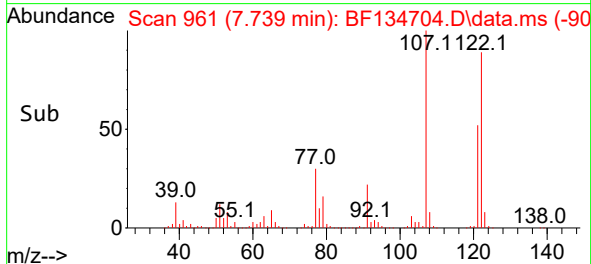
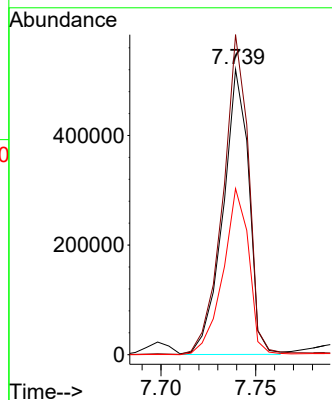
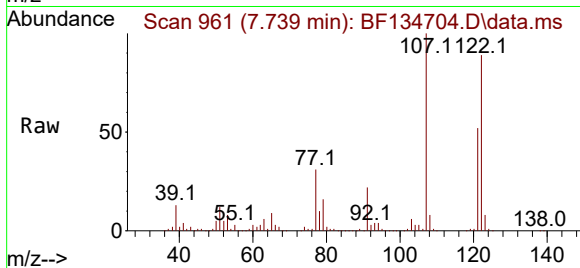
Tgt Ion:122 Resp: 493894

Ion Ratio Lower Upper

122 100

107 112.1 106.7 160.1

121 58.2 49.0 73.6



#28

bis(2-Chloroethoxy)methane

Concen: 42.163 ng

RT: 7.834 min Scan# 977

Delta R.T. 0.000 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

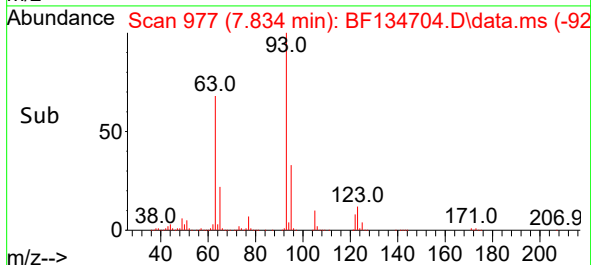
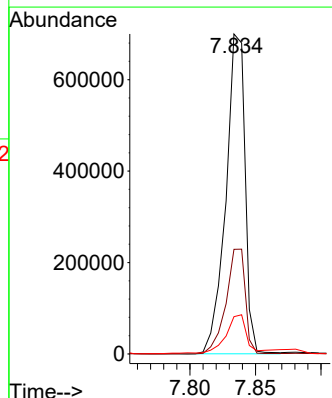
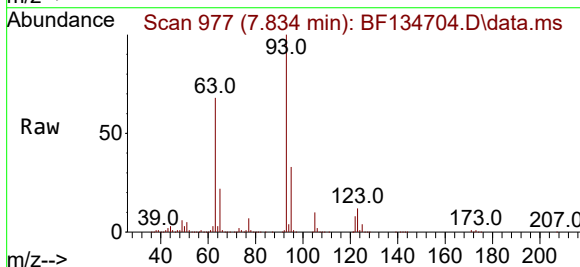
Tgt Ion: 93 Resp: 713888

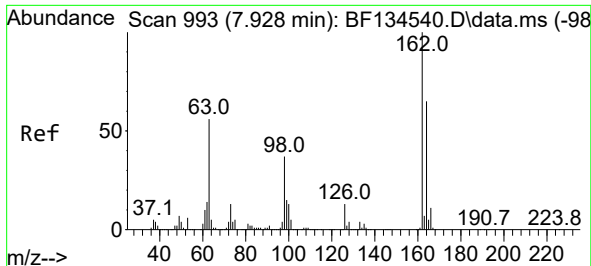
Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

123 11.6 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 43.157 ng

RT: 7.945 min Scan# 99

Delta R.T. 0.006 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

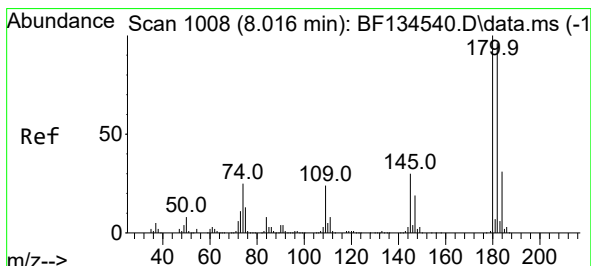
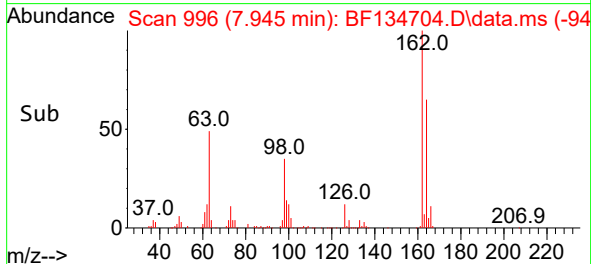
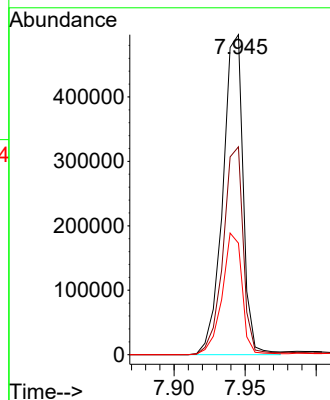
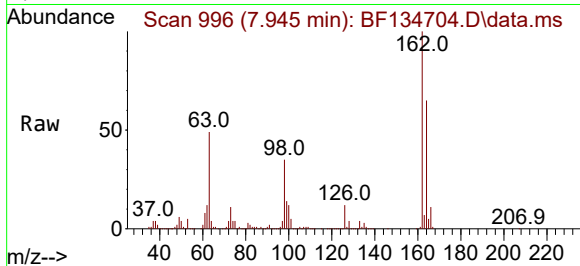
Tgt Ion:162 Resp: 494675

Ion Ratio Lower Upper

162 100

164 64.9 42.2 82.2

98 34.9 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 44.747 ng

RT: 8.022 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

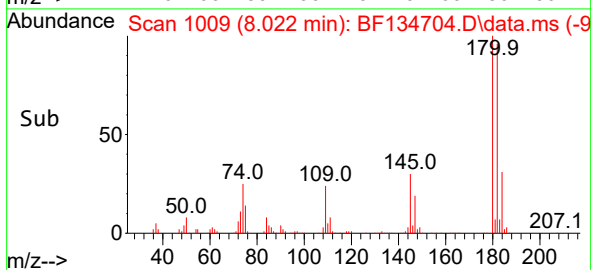
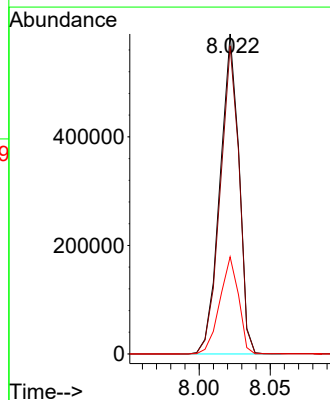
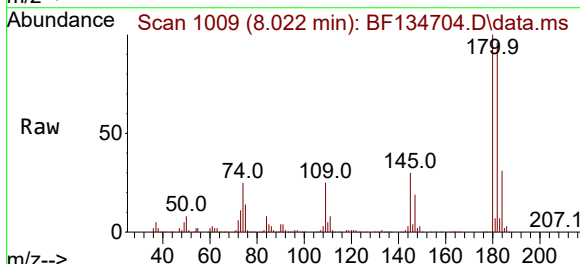
Tgt Ion:180 Resp: 546947

Ion Ratio Lower Upper

180 100

182 96.3 75.0 112.6

145 30.4 25.5 38.3

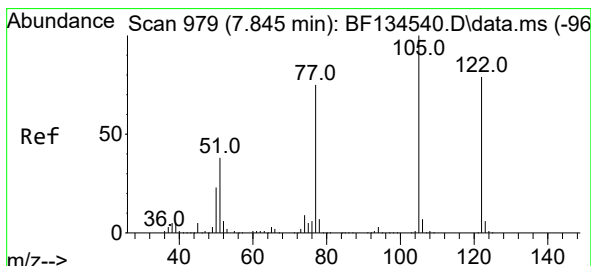
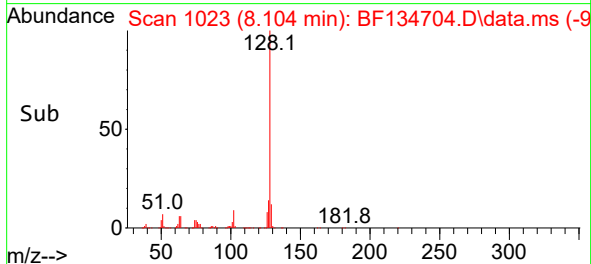
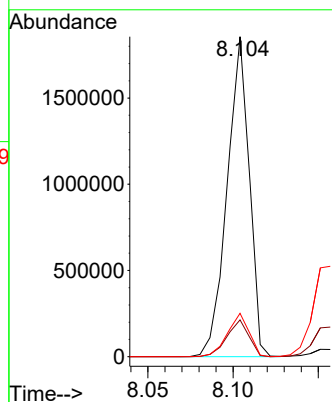
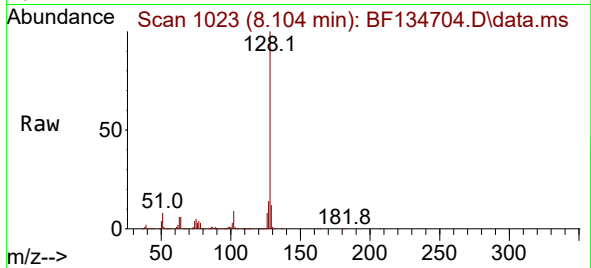




#31
Naphthalene
Concen: 41.081 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

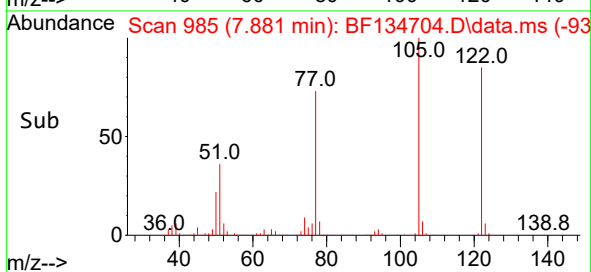
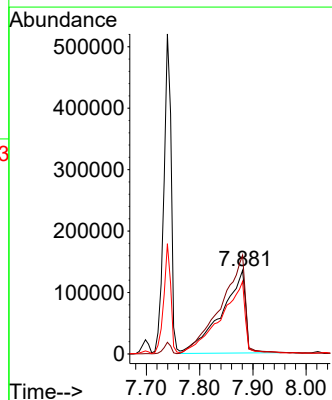
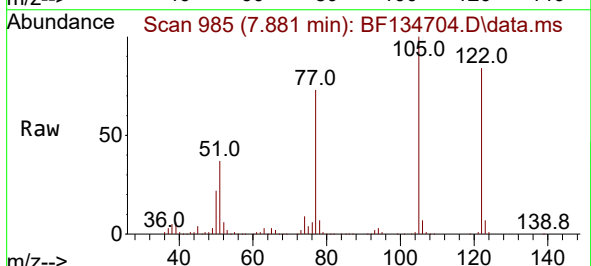
Instrument :
BNA_F
ClientSampleId :
PB154698BS

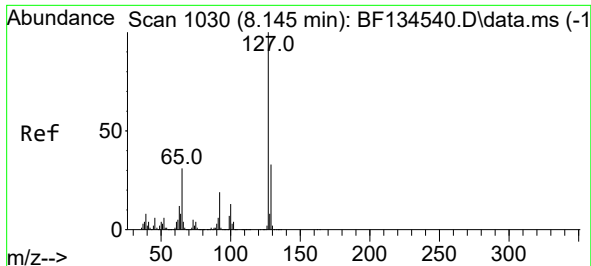
Tgt Ion:128 Resp: 1674368
Ion Ratio Lower Upper
128 100
129 11.5 8.4 12.6
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 51.035 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.018 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:122 Resp: 425340
Ion Ratio Lower Upper
122 100
105 118.4 87.5 127.5
77 86.8 71.4 111.4

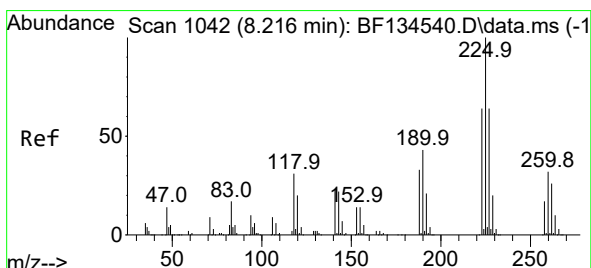
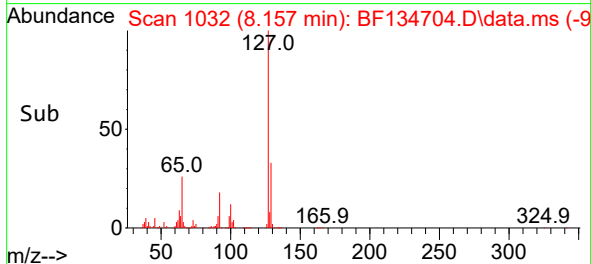
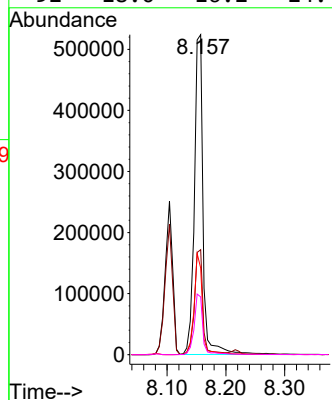
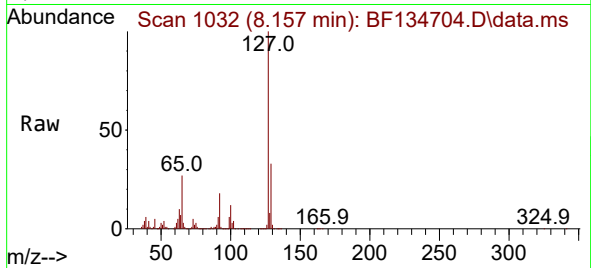




#33
4-Chloroaniline
Concen: 29.869 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

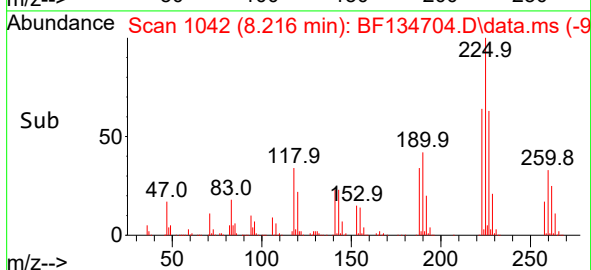
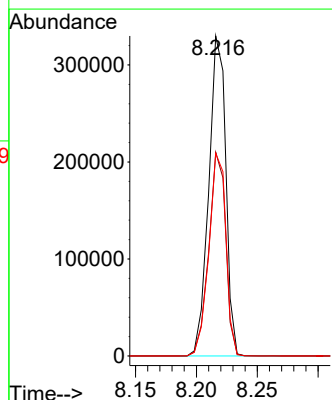
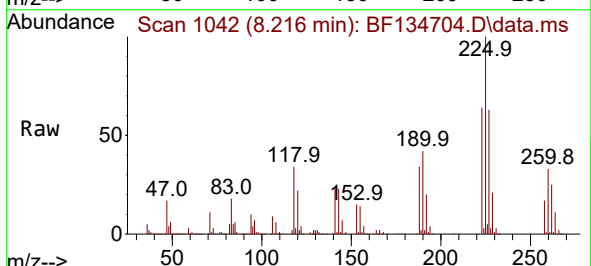
Instrument :
BNA_F
ClientSampleId :
PB154698BS

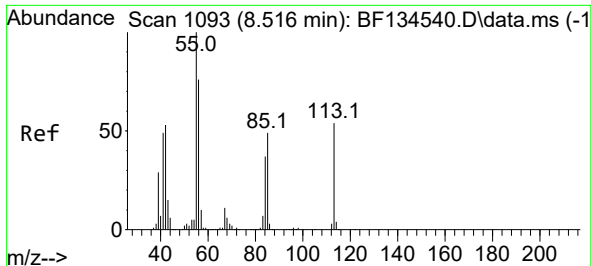
Tgt Ion:127	Resp: 542442
Ion Ratio	Lower Upper
127 100	
129 32.8	25.6 38.4
65 27.1	25.4 38.0
92 18.0	16.2 24.4



#34
Hexachlorobutadiene
Concen: 45.334 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:225	Resp: 319628
Ion Ratio	Lower Upper
225 100	
223 63.6	48.2 72.4
227 63.4	48.5 72.7

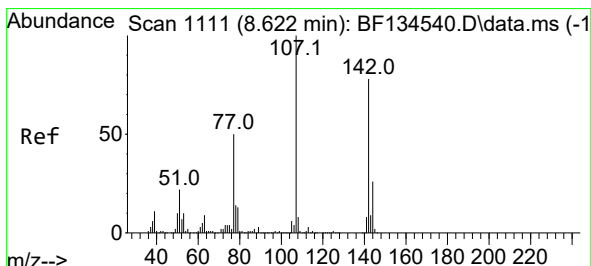
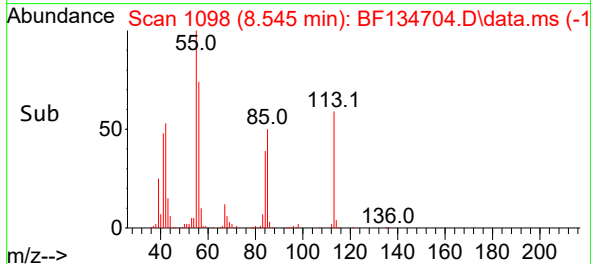
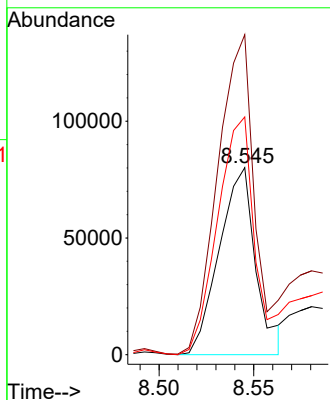
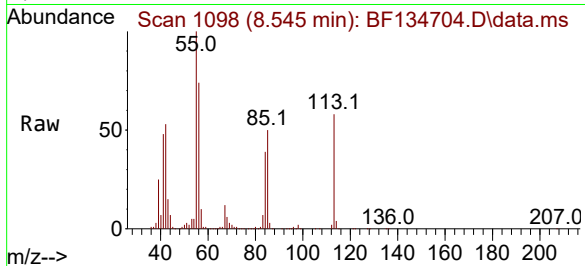




#35
 Caprolactam
 Concen: 29.043 ng
 RT: 8.545 min Scan# 1098
 Delta R.T. 0.012 min
 Lab File: BF134704.D
 Acq: 10 Aug 2023 11:38

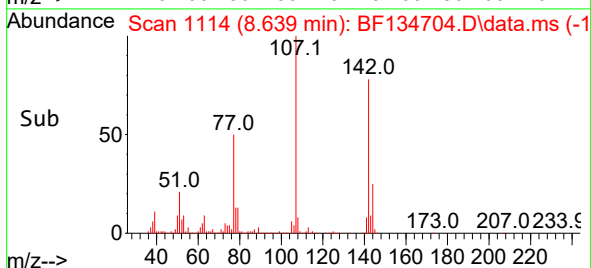
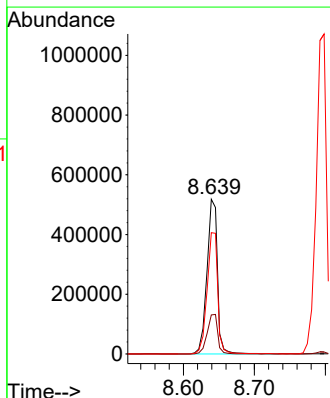
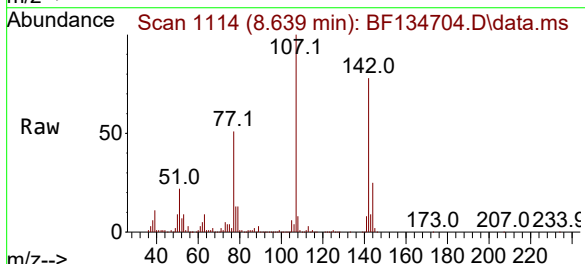
Instrument :
 BNA_F
 ClientSampleId :
 PB154698BS

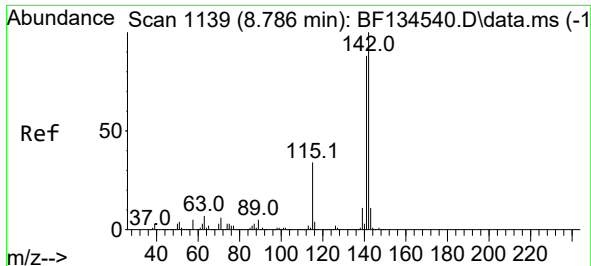
Tgt Ion:113 Resp: 107401
 Ion Ratio Lower Upper
 113 100
 55 171.1 161.5 201.5
 56 127.1 117.8 157.8



#36
 4-Chloro-3-methylphenol
 Concen: 44.048 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF134704.D
 Acq: 10 Aug 2023 11:38

Tgt Ion:107 Resp: 534695
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.6 29.4
 142 78.4 57.7 86.5

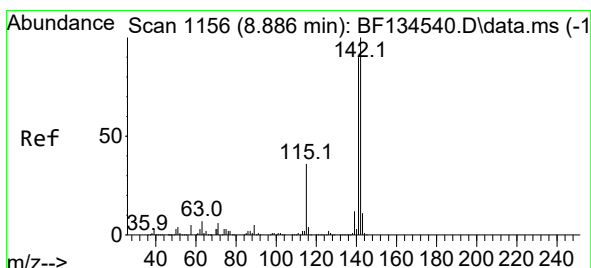
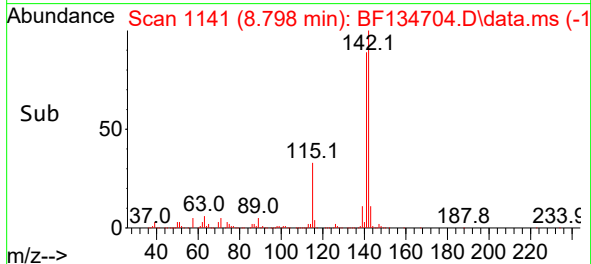
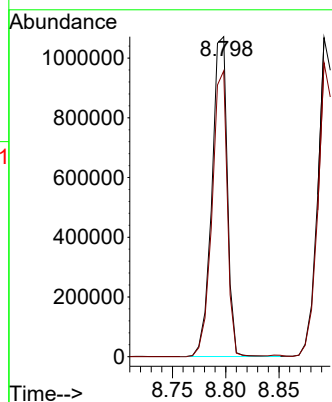
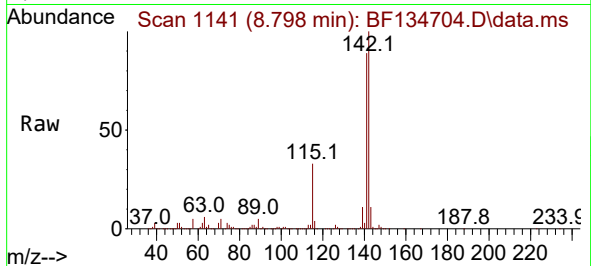




#37
2-Methylnaphthalene
Concen: 40.057 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

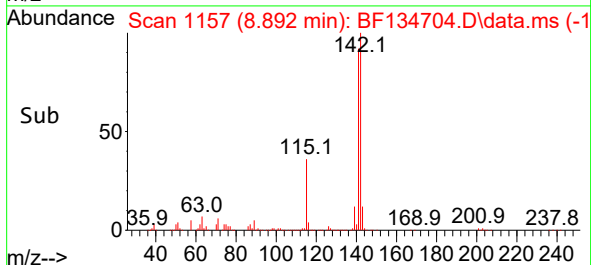
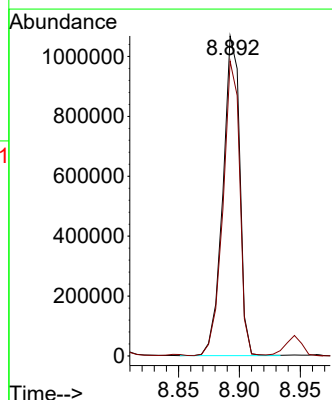
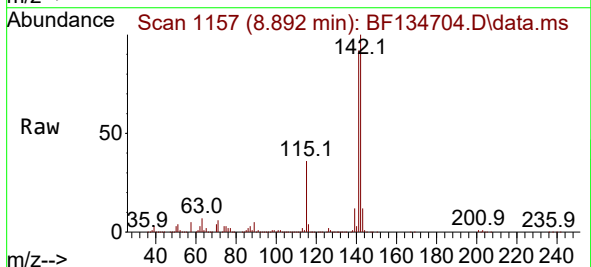
Instrument :
BNA_F
ClientSampleId :
PB154698BS

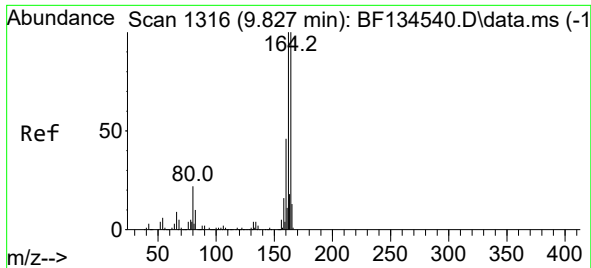
Tgt Ion:142 Resp: 1082177
Ion Ratio Lower Upper
142 100
141 89.3 70.8 106.2



#38
1-Methylnaphthalene
Concen: 41.116 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:142 Resp: 1032908
Ion Ratio Lower Upper
142 100
141 92.1 71.4 107.2

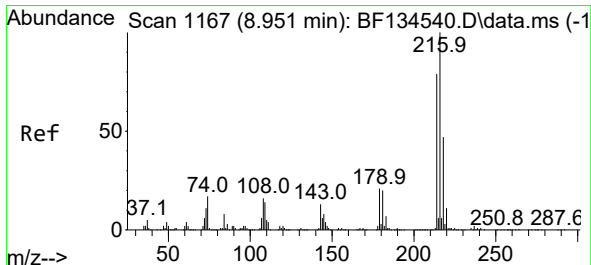
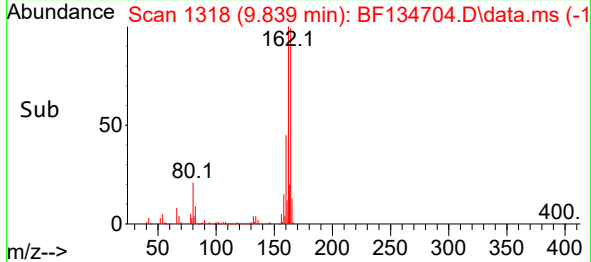
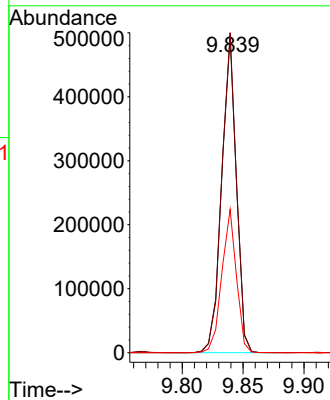
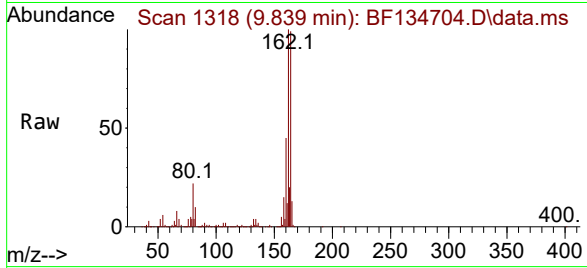




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1118
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

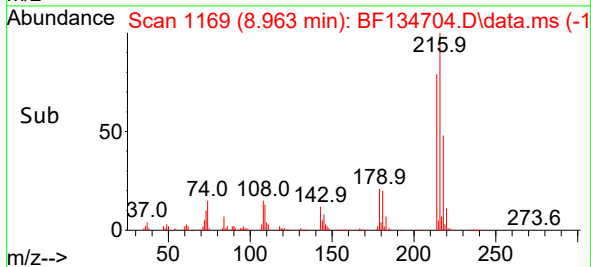
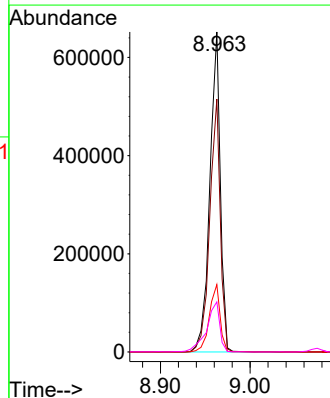
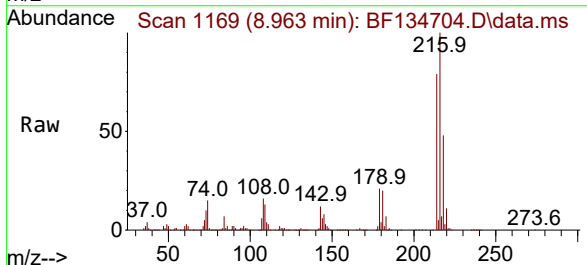
Instrument :
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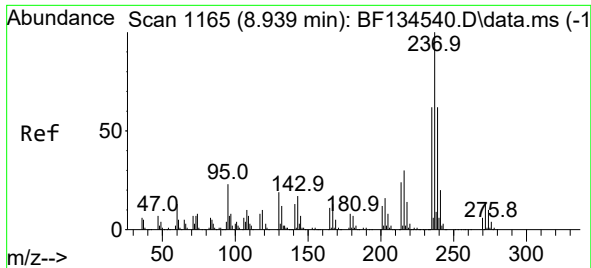
Tgt Ion:164 Resp: 414747
Ion Ratio Lower Upper
164 100
162 101.1 82.6 123.8
160 45.3 37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.872 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:216 Resp: 529118
Ion Ratio Lower Upper
216 100
214 79.7 62.3 93.5
179 21.6 17.4 26.0
108 19.7 14.5 21.7

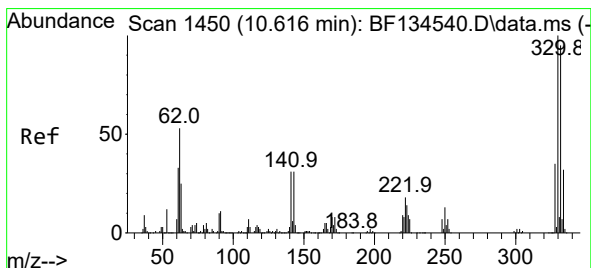
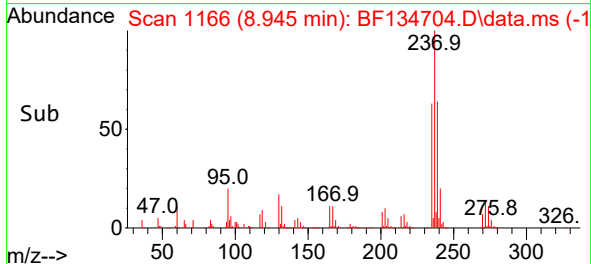
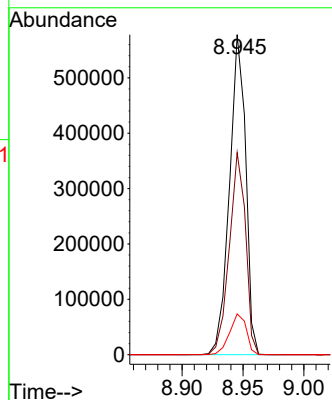
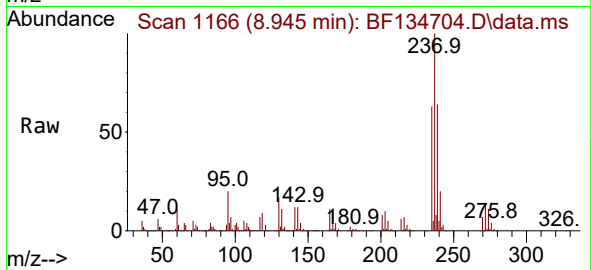




#41
Hexachlorocyclopentadiene
Concen: 91.161 ng
RT: 8.945 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

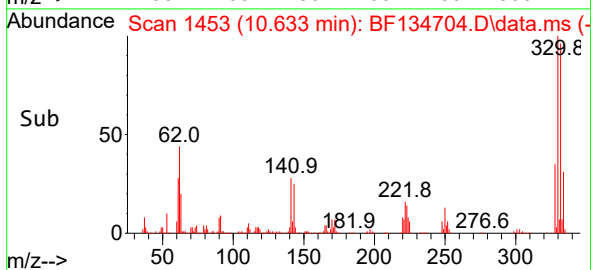
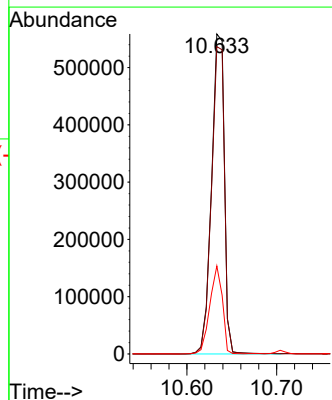
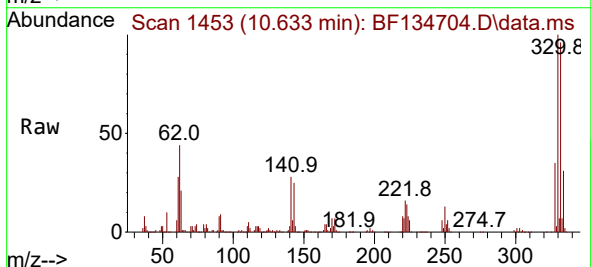
Instrument :
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ClientSampleId :
PB154698BS

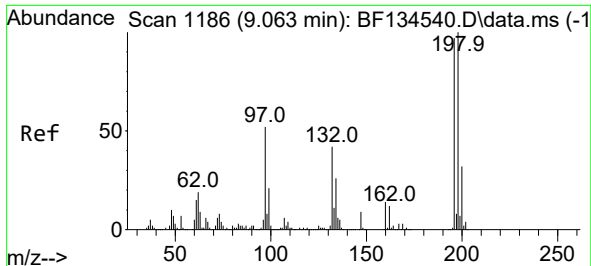
Tgt Ion:237 Resp: 534647
Ion Ratio Lower Upper
237 100
235 63.1 37.0 77.0
272 12.8 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 131.219 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:330 Resp: 554786
Ion Ratio Lower Upper
330 100
332 97.1 78.8 118.2
141 27.1 25.4 38.2

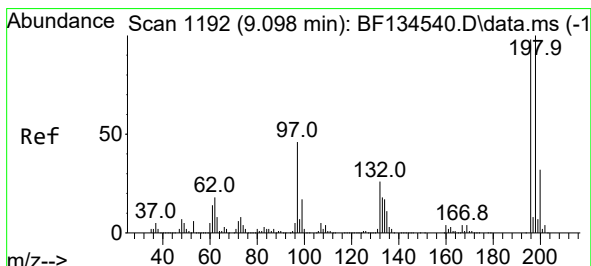
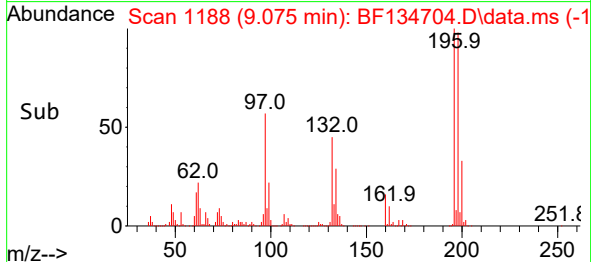
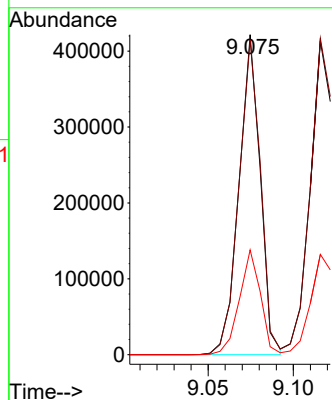
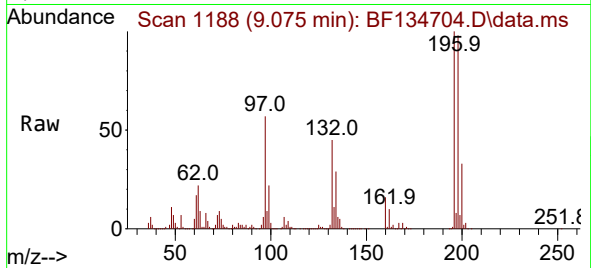




#43
2,4,6-Trichlorophenol
Concen: 46.201 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

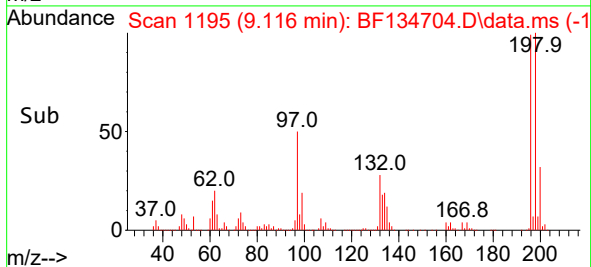
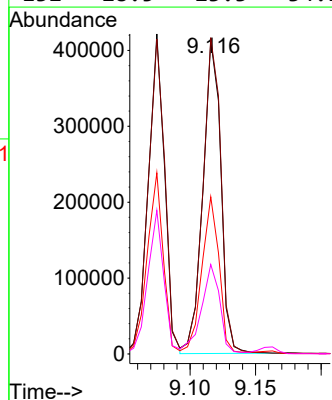
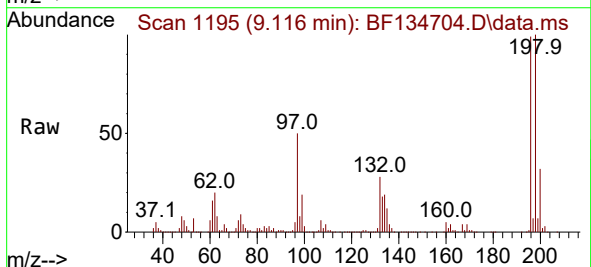
Instrument :
BNA_F
ClientSampleId :
PB154698BS

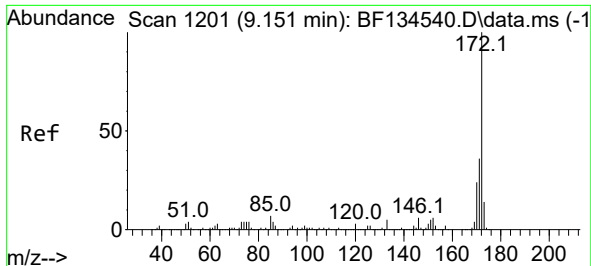
Tgt Ion:196 Resp: 364666
Ion Ratio Lower Upper
196 100
198 98.4 77.4 116.2
200 32.7 25.4 38.2



#44
2,4,5-Trichlorophenol
Concen: 43.570 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:196 Resp: 393053
Ion Ratio Lower Upper
196 100
198 100.9 73.0 109.4
97 50.1 40.8 61.2
132 28.5 23.3 34.9

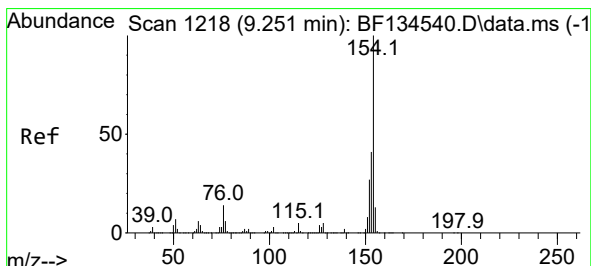
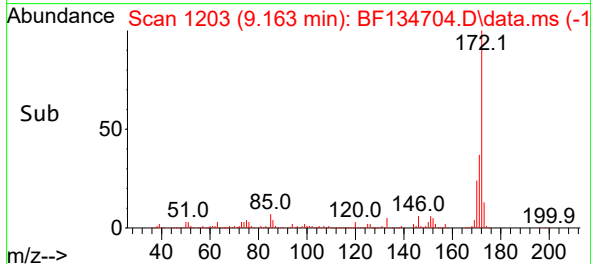
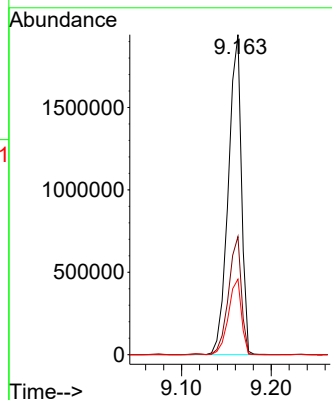
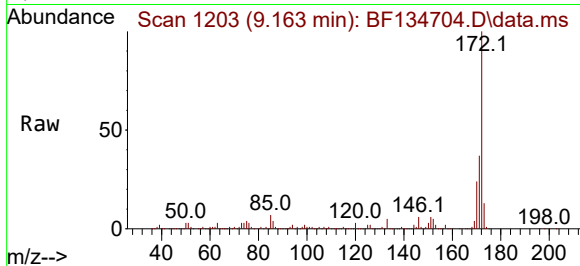




#45
2-Fluorobiphenyl
Concen: 78.939 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

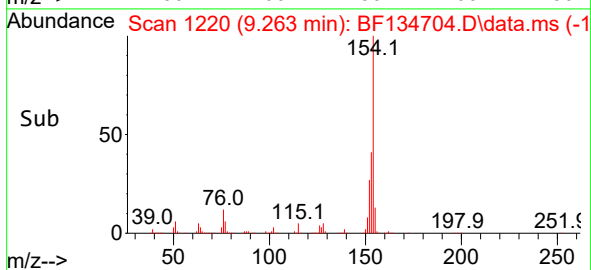
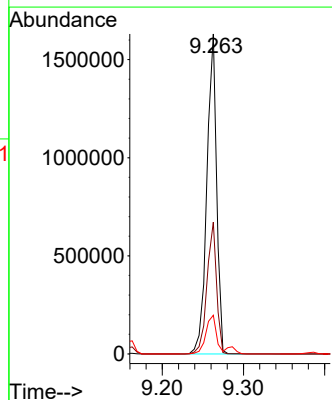
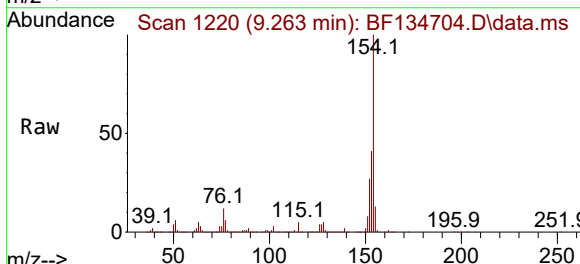
Instrument :
BNA_F
ClientSampleId :
PB154698BS

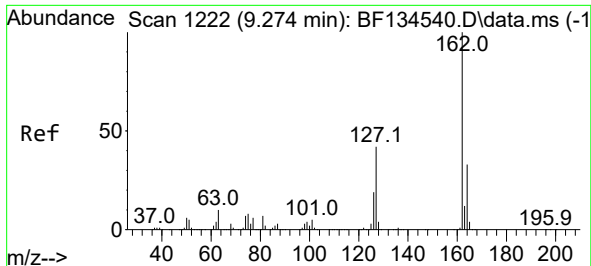
Tgt Ion:172 Resp: 1969078
Ion Ratio Lower Upper
172 100
171 36.9 28.8 43.2
170 23.6 18.7 28.1



#46
1,1'-Biphenyl
Concen: 42.150 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:154 Resp: 1359414
Ion Ratio Lower Upper
154 100
153 41.2 20.8 60.8
76 12.1 0.0 30.2





#47

2-Chloronaphthalene

Concen: 43.166 ng

RT: 9.286 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

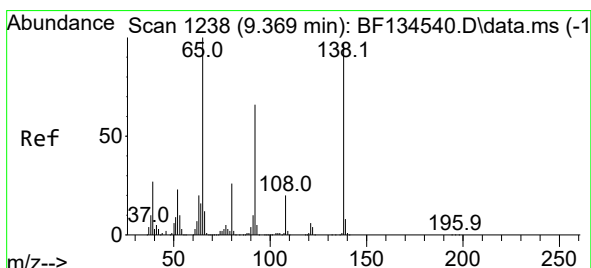
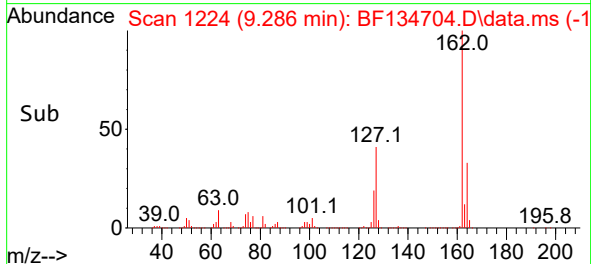
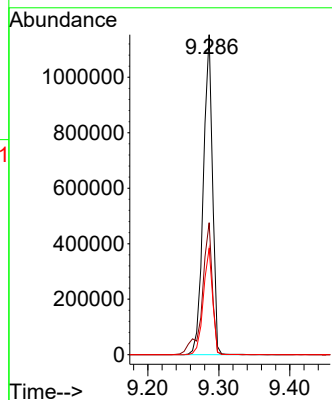
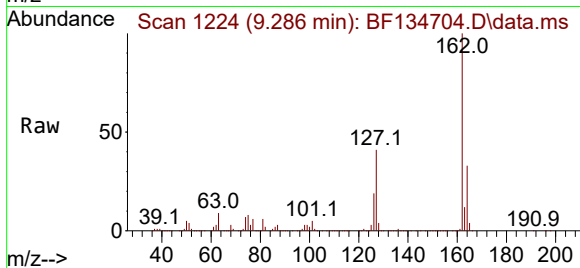
Tgt Ion:162 Resp: 1043155

Ion Ratio Lower Upper

162 100

127 41.2 34.0 51.0

164 33.2 25.7 38.5



#48

2-Nitroaniline

Concen: 45.848 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.006 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

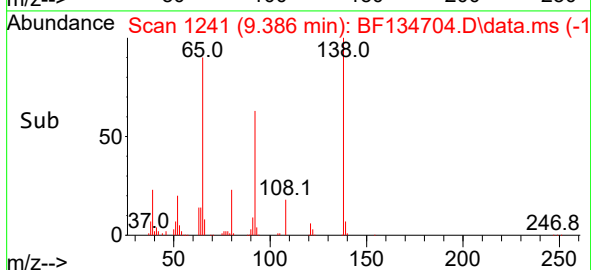
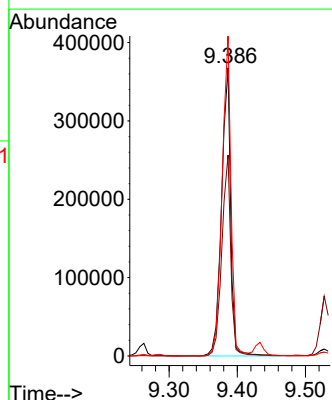
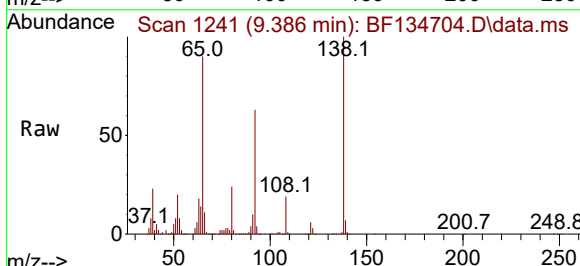
Tgt Ion: 65 Resp: 344285

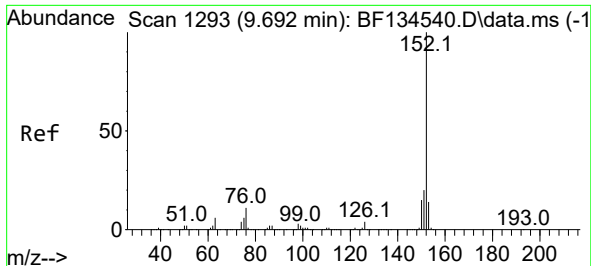
Ion Ratio Lower Upper

65 100

92 69.8 50.7 76.1

138 111.1 78.2 117.4

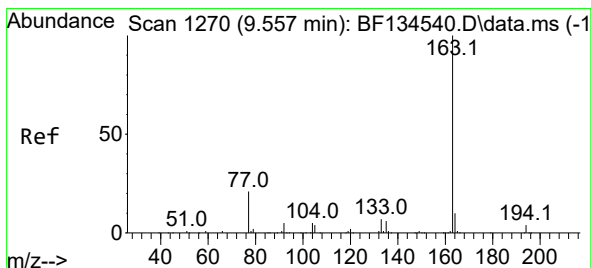
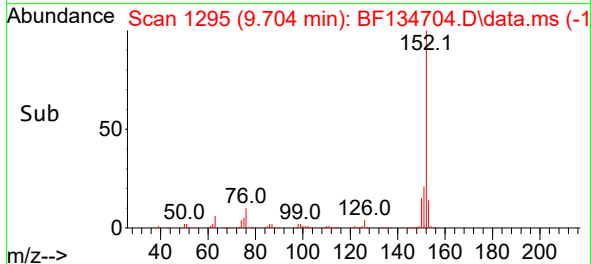
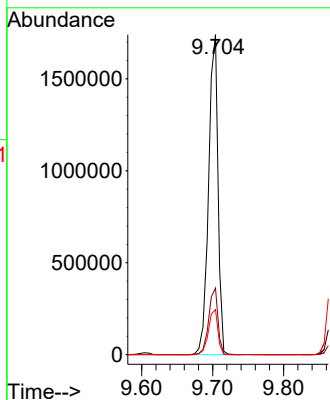
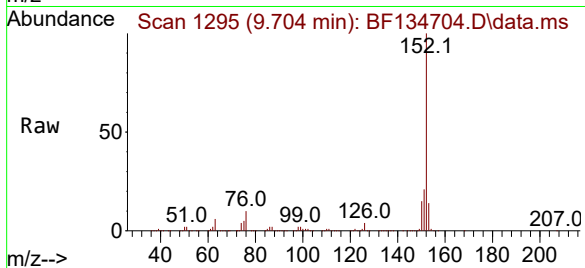




#49
Acenaphthylene
Concen: 42.332 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

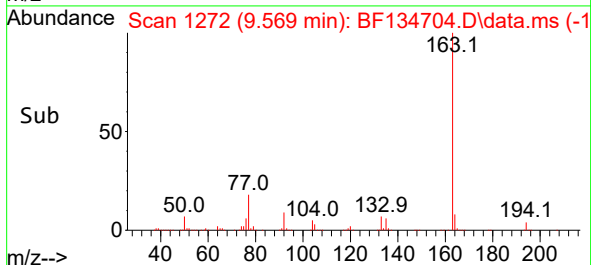
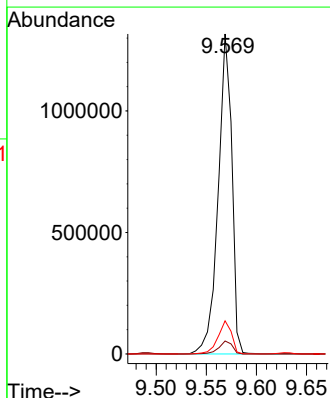
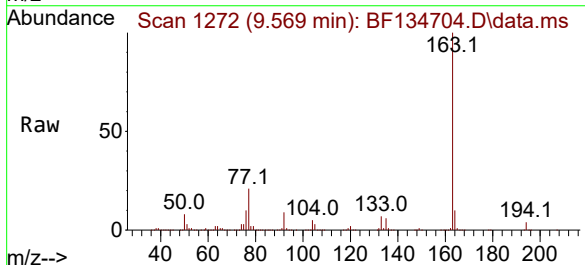
Instrument :
BNA_F
ClientSampleId :
PB154698BS

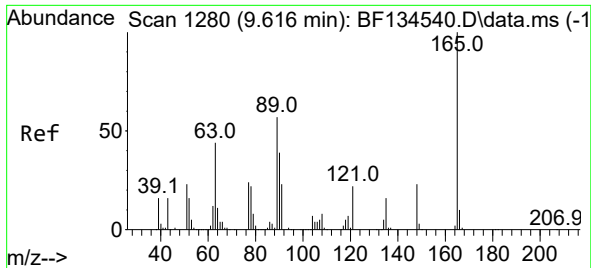
Tgt Ion:152 Resp: 1608073
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 14.1 10.9 16.3



#50
Dimethylphthalate
Concen: 44.002 ng
RT: 9.569 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:163 Resp: 1243848
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 7.5 11.3

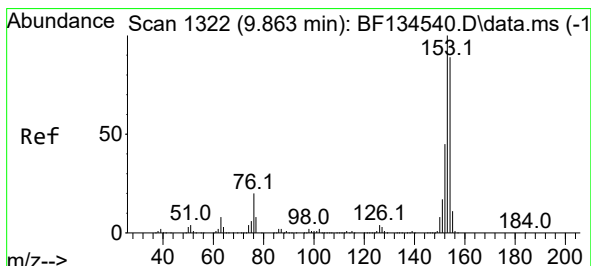
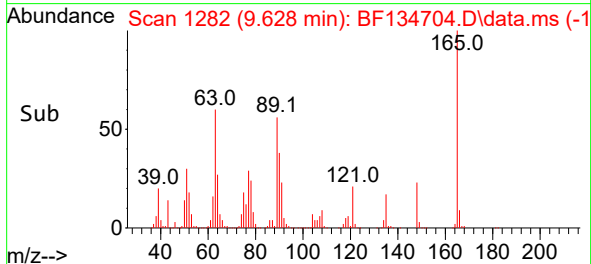
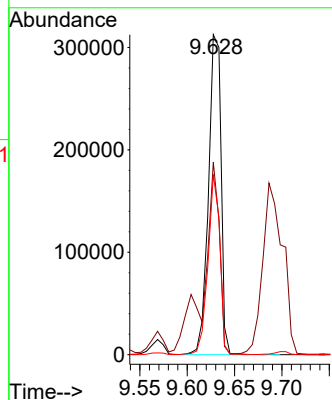
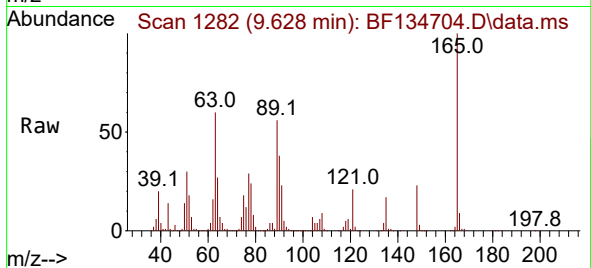




#51
2,6-Dinitrotoluene
Concen: 49.761 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

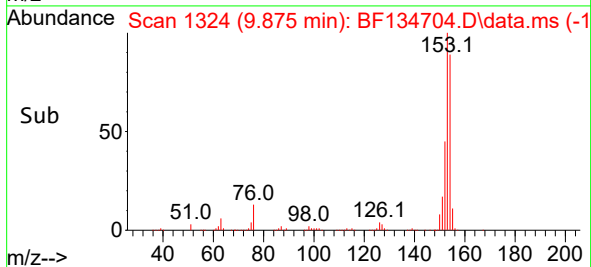
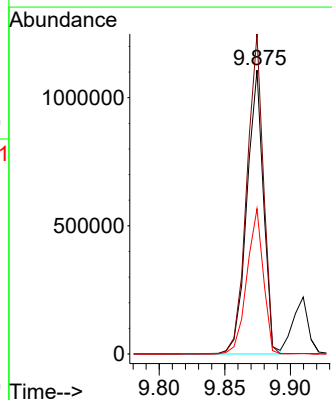
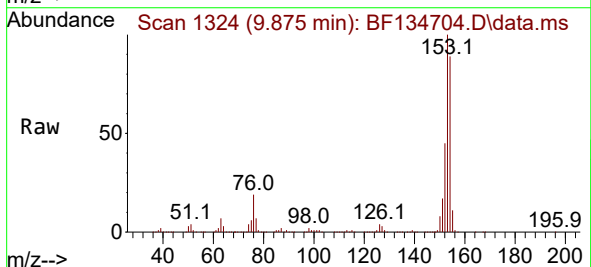
Instrument :
BNA_F
ClientSampleId :
PB154698BS

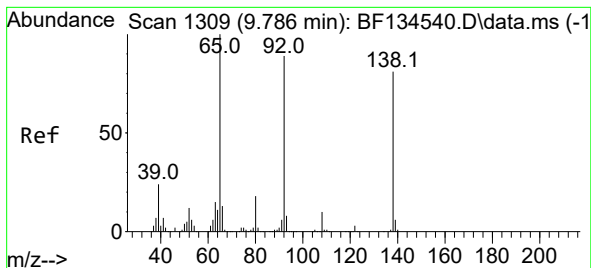
Tgt Ion:165 Resp: 288770
Ion Ratio Lower Upper
165 100
63 60.2 57.8 86.6
89 56.3 51.8 77.8



#52
Acenaphthene
Concen: 39.792 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:154 Resp: 979571
Ion Ratio Lower Upper
154 100
153 112.8 90.0 135.0
152 51.2 42.4 63.6

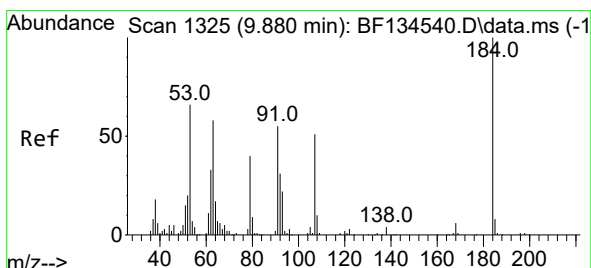
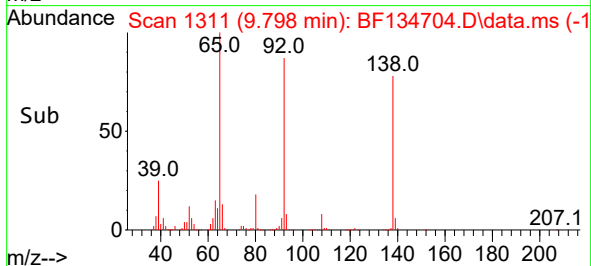
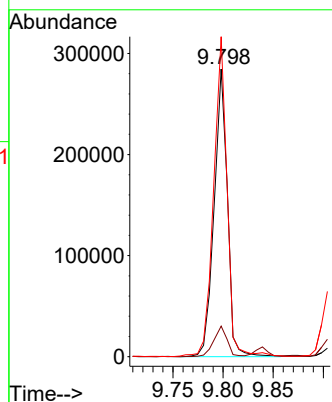
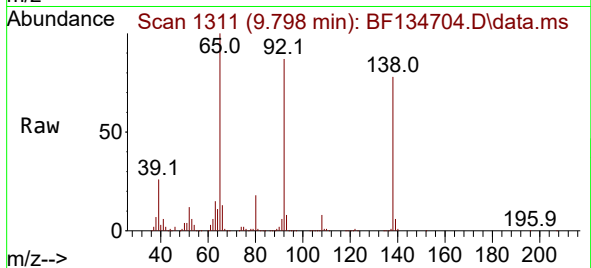




#53
3-Nitroaniline
Concen: 41.555 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

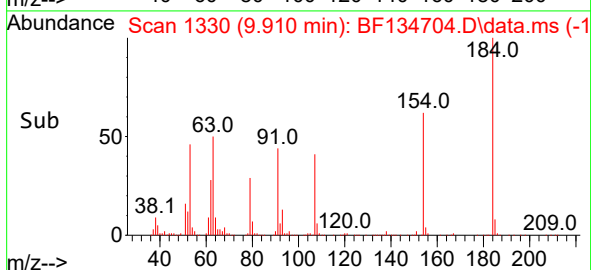
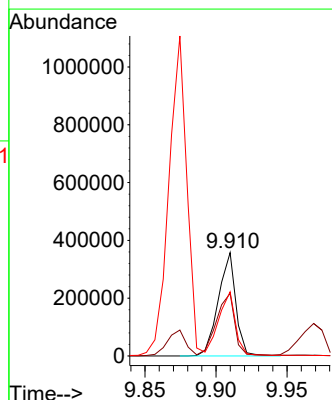
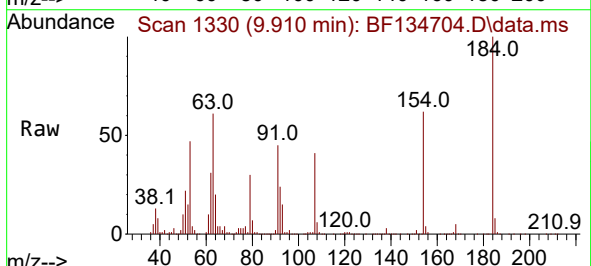
Instrument :
BNA_F
ClientSampleId :
PB154698BS

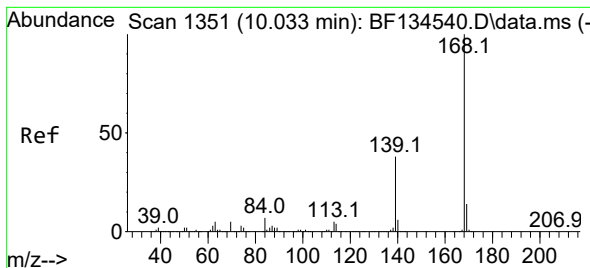
Tgt Ion:138 Resp: 261825
Ion Ratio Lower Upper
138 100
108 10.6 9.3 13.9
92 111.2 86.6 129.8



#54
2,4-Dinitrophenol
Concen: 113.512 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:184 Resp: 307190
Ion Ratio Lower Upper
184 100
63 60.5 57.1 85.7
154 62.1 59.1 88.7





#55

Dibenzenofuran

Concen: 40.956 ng

RT: 10.045 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

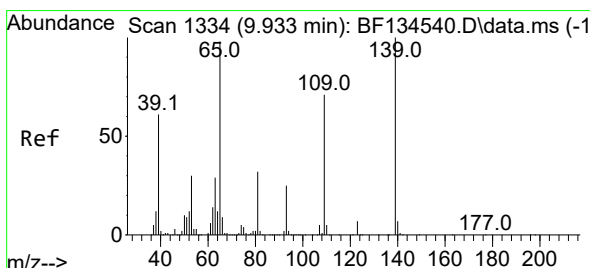
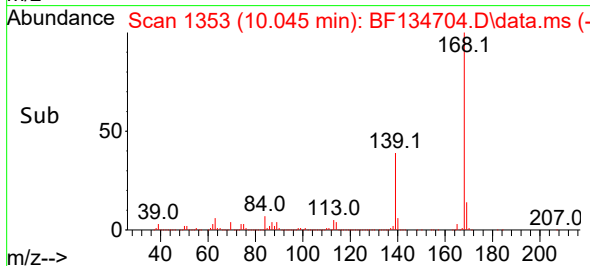
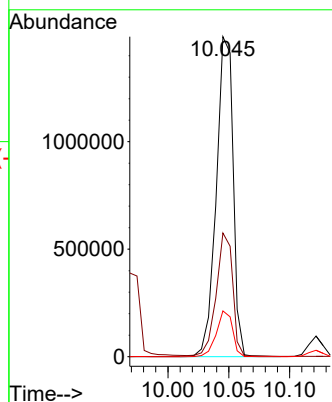
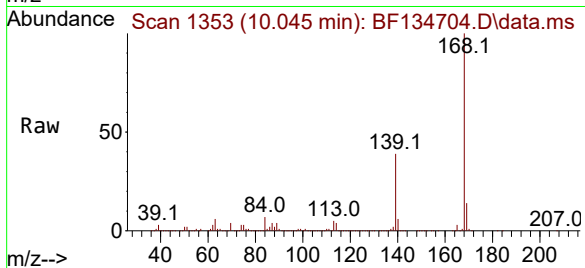
Tgt Ion:168 Resp: 1435251

Ion Ratio Lower Upper

168 100

139 38.6 33.4 50.2

169 14.3 10.6 15.8



#56

4-Nitrophenol

Concen: 91.653 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.018 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

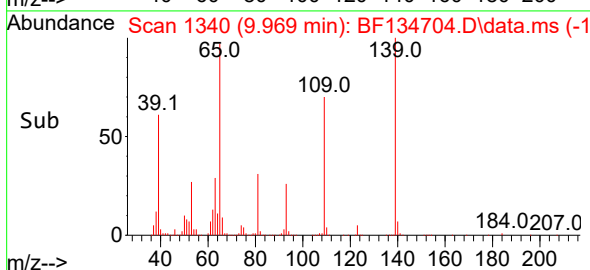
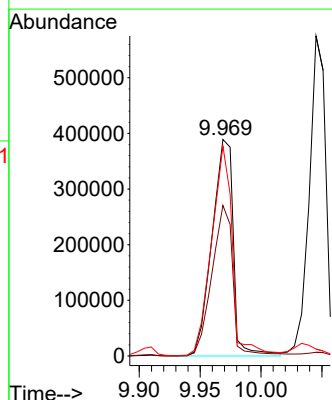
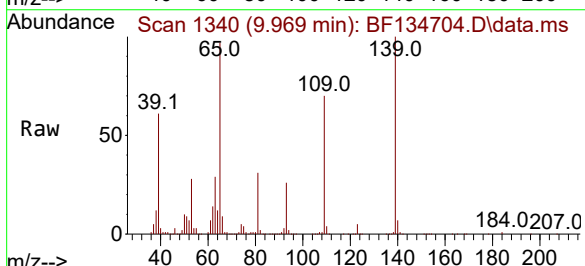
Tgt Ion:139 Resp: 472299

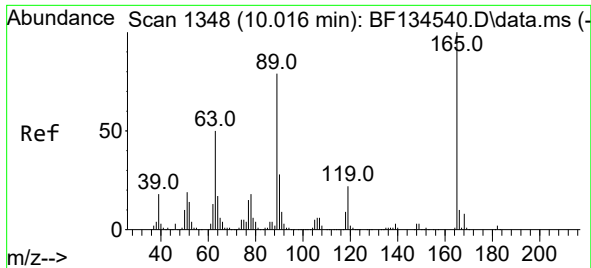
Ion Ratio Lower Upper

139 100

109 69.6 76.9 116.9#

65 97.0 98.5 138.5#

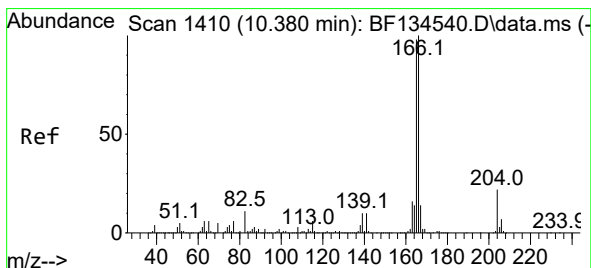
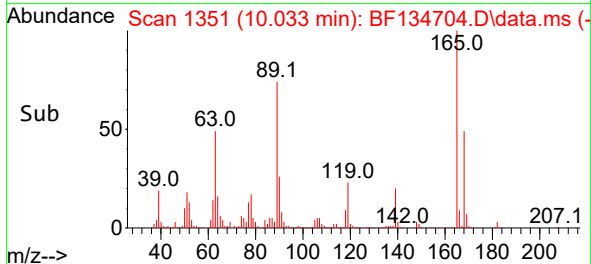
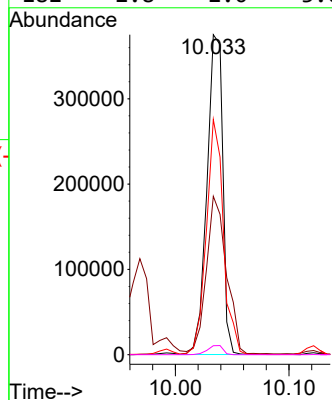
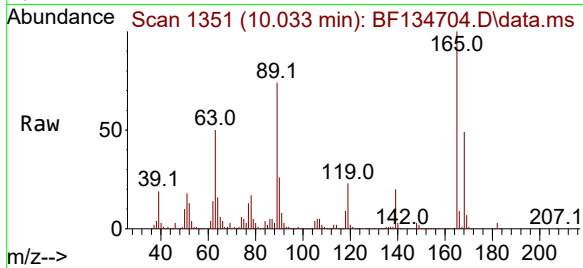




#57
2,4-Dinitrotoluene
Concen: 51.585 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

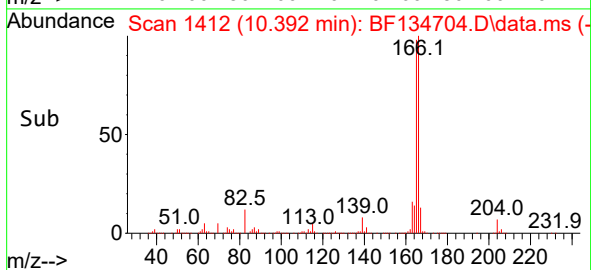
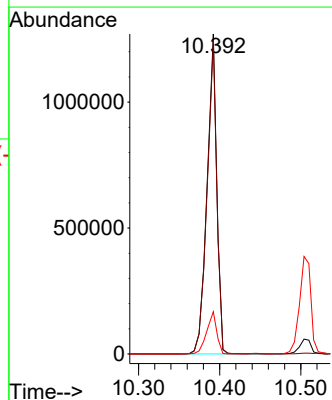
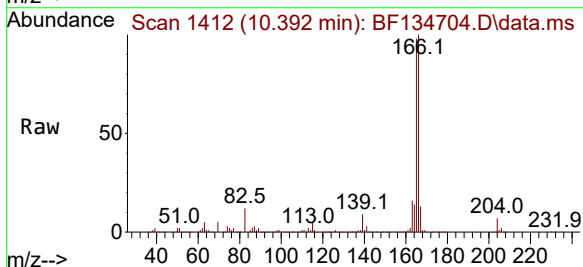
Instrument :
BNA_F
ClientSampleId :
PB154698BS

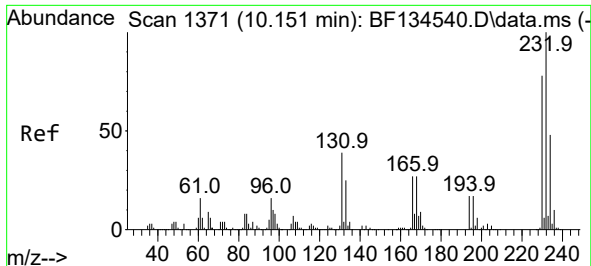
Tgt Ion:165 Resp: 362454
Ion Ratio Lower Upper
165 100
63 49.5 48.9 73.3
89 73.5 61.7 92.5
182 2.8 2.0 3.0



#58
Fluorene
Concen: 41.473 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:166 Resp: 1058623
Ion Ratio Lower Upper
166 100
165 97.9 74.5 111.7
167 13.2 10.6 16.0

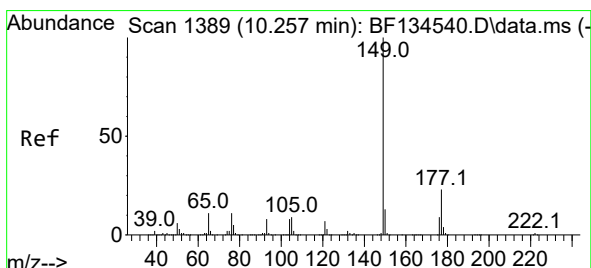
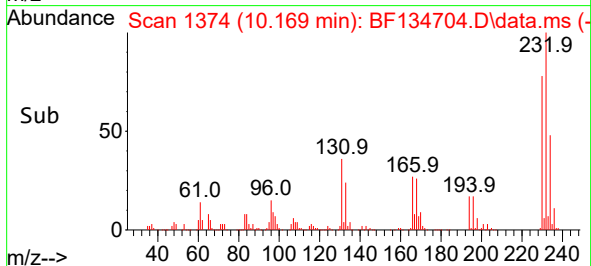
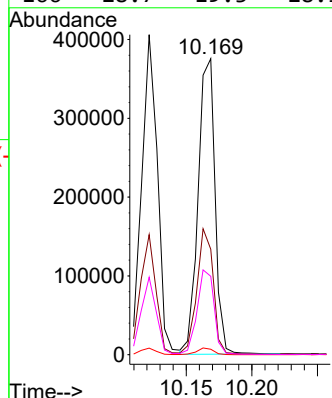
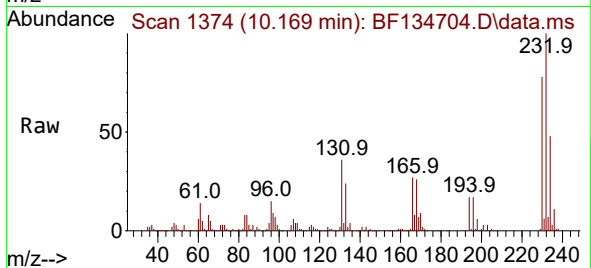




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.473 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.012 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

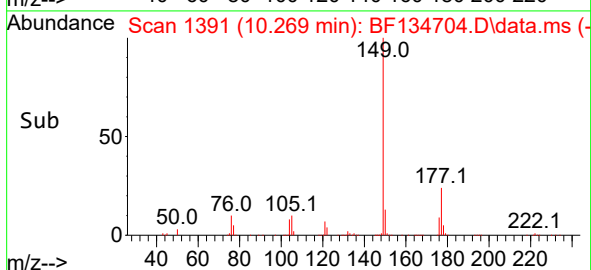
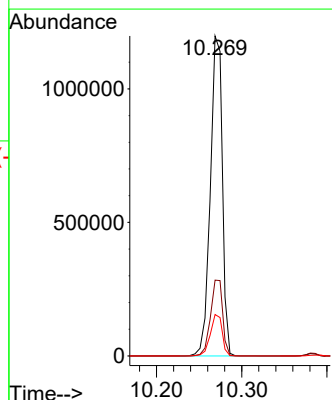
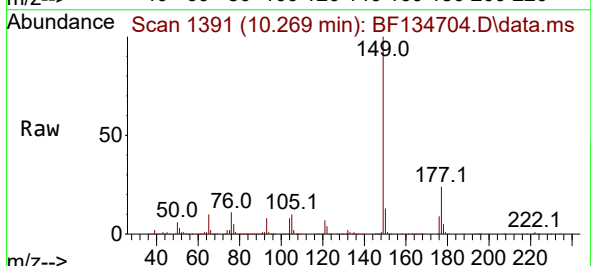
Instrument :
BNA_F
ClientSampleId :
PB154698BS

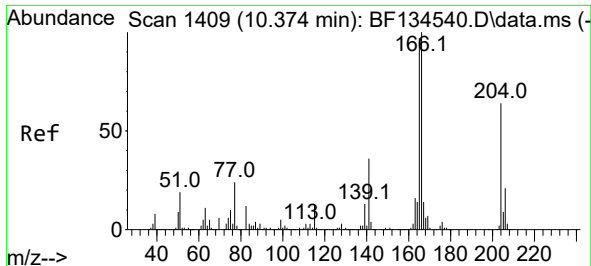
Tgt Ion:232 Resp: 338813
Ion Ratio Lower Upper
232 100
131 41.3 33.4 50.0
130 2.2 1.8 2.6
166 28.7 19.3 28.9



#60
Diethylphthalate
Concen: 43.913 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:149 Resp: 1176611
Ion Ratio Lower Upper
149 100
177 23.7 17.0 25.4
150 12.9 9.9 14.9

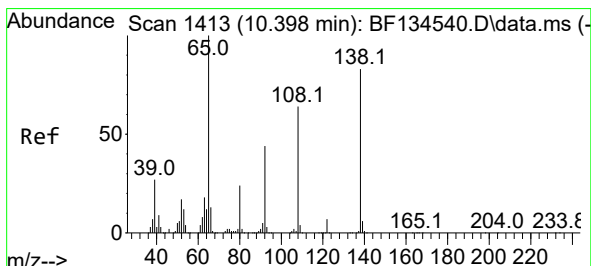
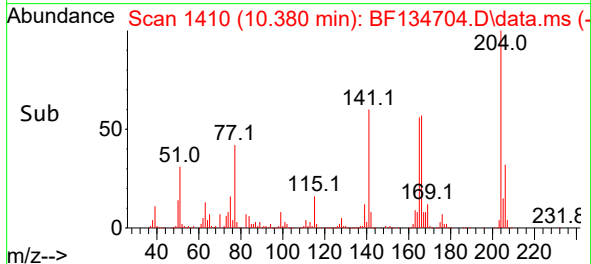
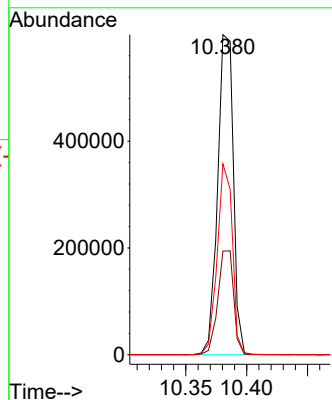
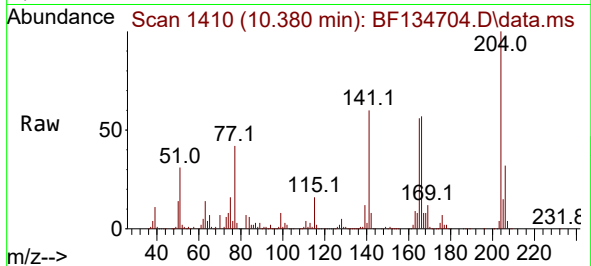




#61
4-Chlorophenyl-phenylether
Concen: 42.941 ng
RT: 10.380 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

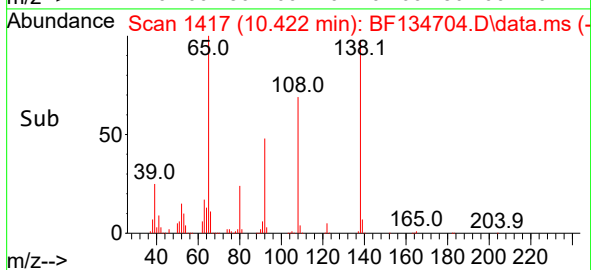
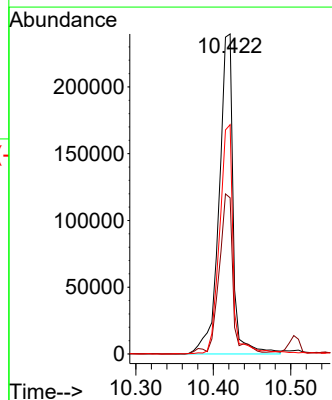
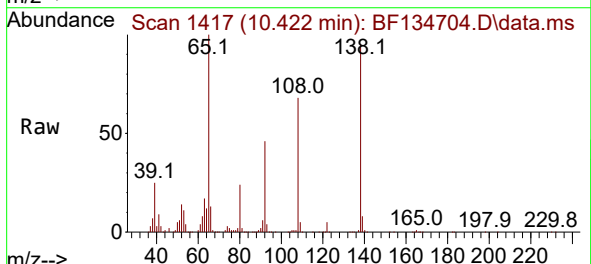
Instrument :
BNA_F
ClientSampleId :
PB154698BS

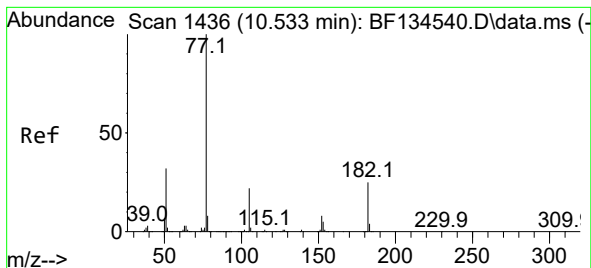
Tgt Ion:204 Resp: 538764
Ion Ratio Lower Upper
204 100
206 32.4 26.0 39.0
141 59.6 52.2 78.4



#62
4-Nitroaniline
Concen: 48.894 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.012 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:138 Resp: 301948
Ion Ratio Lower Upper
138 100
92 48.8 27.0 67.0
108 71.7 70.4 110.4





#63

Azobenzene

Concen: 40.814 ng

RT: 10.545 min Scan# 1436

Delta R.T. 0.006 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

Tgt Ion: 77 Resp: 1174937

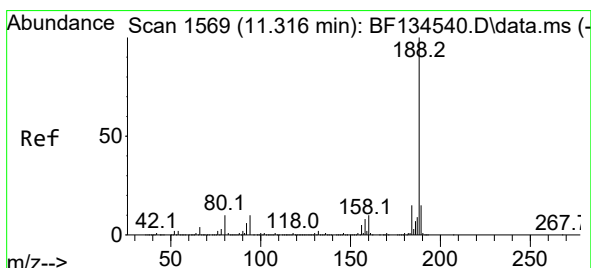
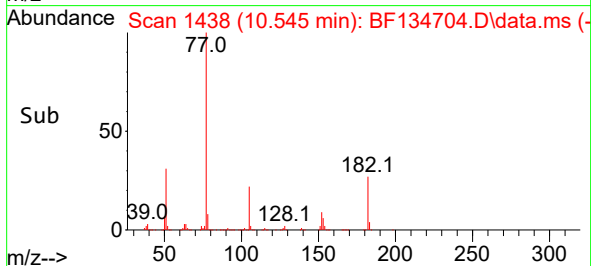
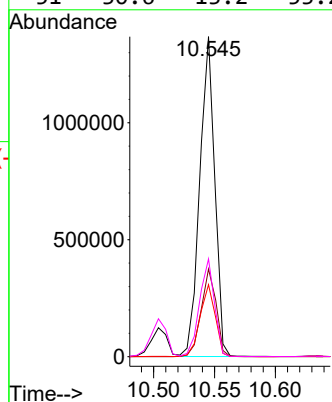
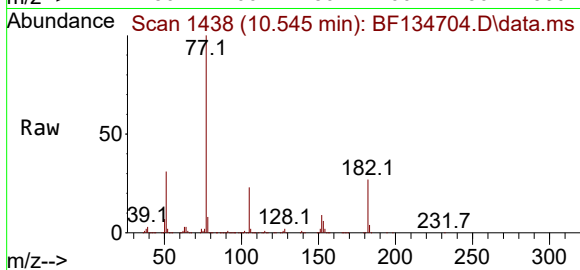
Ion Ratio Lower Upper

77 100

182 27.4 7.5 47.5

105 22.5 1.9 41.9

51 30.6 13.2 53.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1571

Delta R.T. 0.006 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

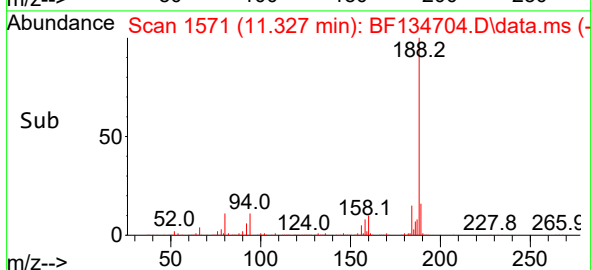
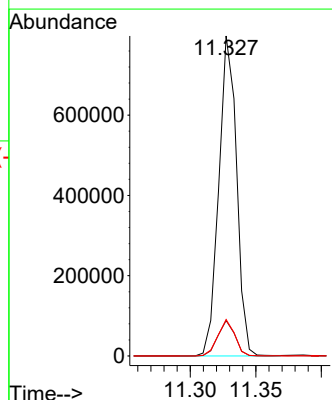
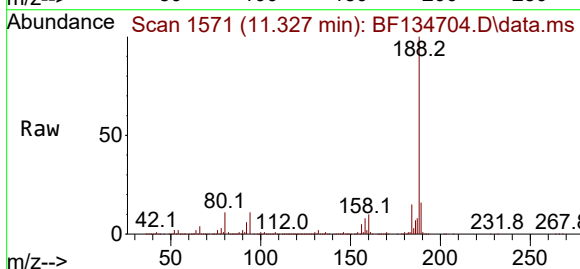
Tgt Ion:188 Resp: 751163

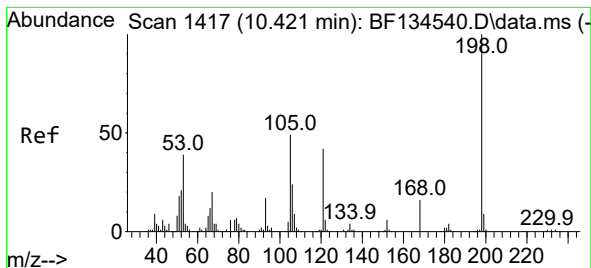
Ion Ratio Lower Upper

188 100

94 11.1 5.1 7.7#

80 11.4 6.6 9.8#

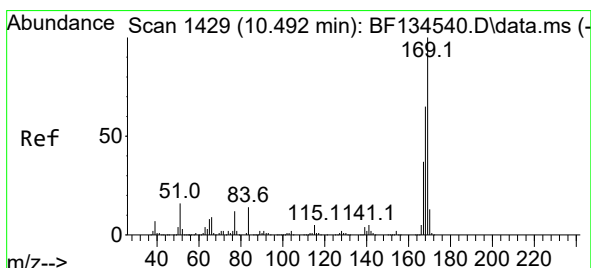
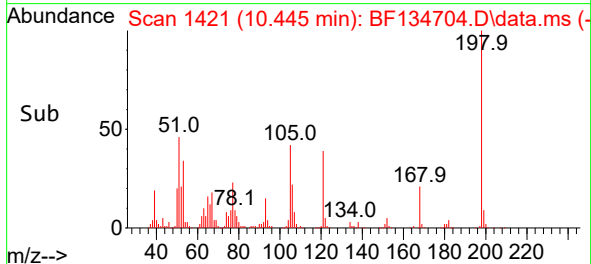
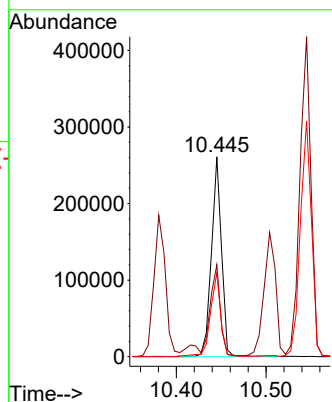
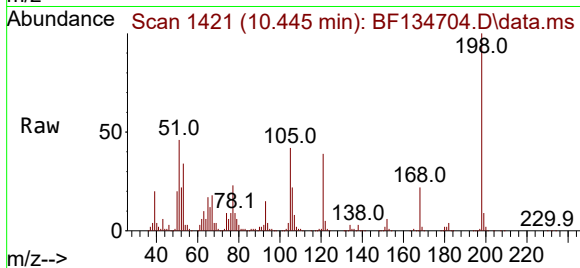




#65
4,6-Dinitro-2-methylphenol
Concen: 63.656 ng
RT: 10.445 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

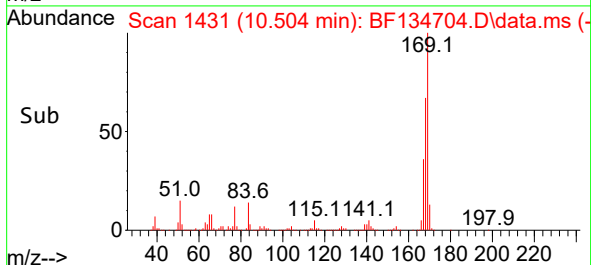
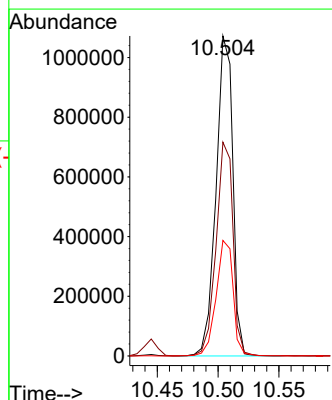
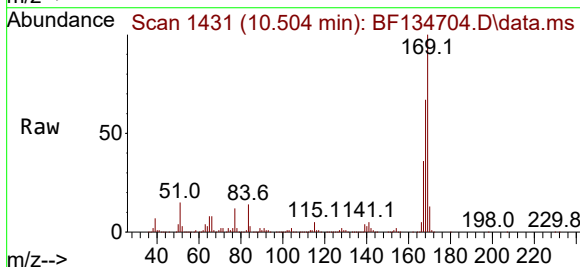
Instrument :
BNA_F
ClientSampleId :
PB154698BS

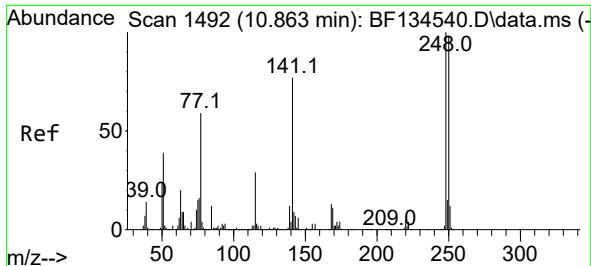
Tgt Ion:198 Resp: 203785
Ion Ratio Lower Upper
198 100
51 46.0 38.6 78.6
105 42.0 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 43.021 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:169 Resp: 1028576
Ion Ratio Lower Upper
169 100
168 66.8 52.6 78.8
167 36.1 29.8 44.8

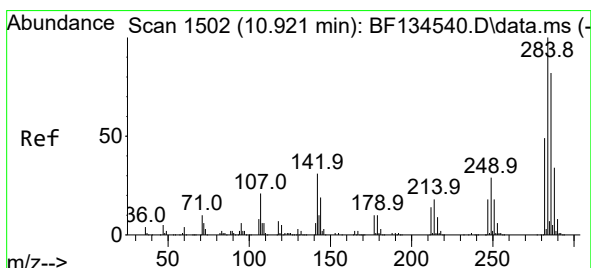
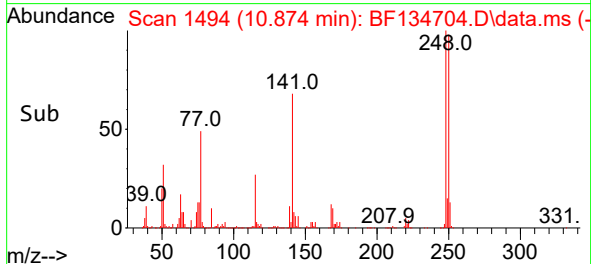
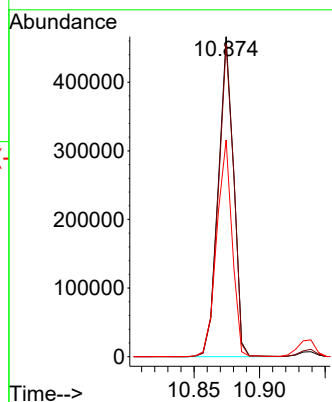
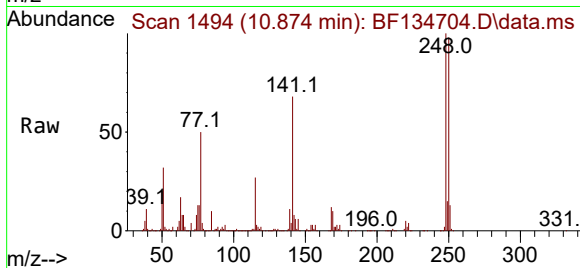




#67
4-Bromophenyl-phenylether
Concen: 45.972 ng
RT: 10.874 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

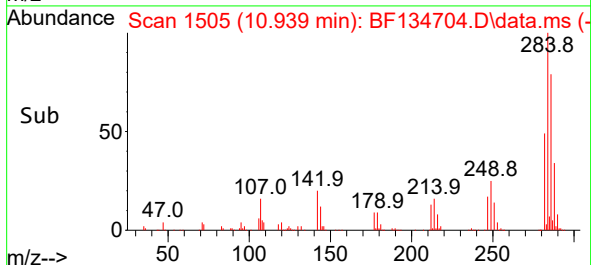
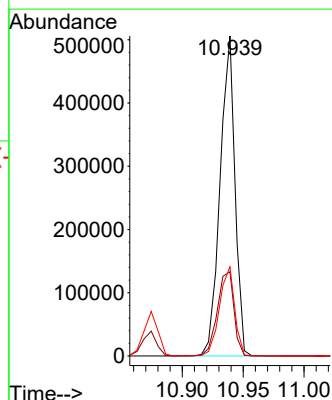
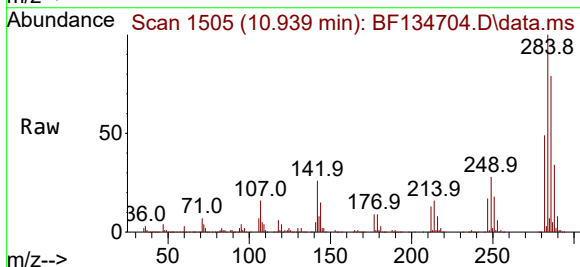
Instrument :
BNA_F
ClientSampleId :
PB154698BS

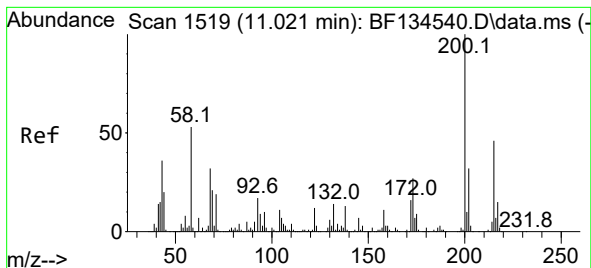
Tgt Ion:248 Resp: 378023
Ion Ratio Lower Upper
248 100
250 97.7 79.6 119.4
141 67.7 59.6 89.4



#68
Hexachlorobenzene
Concen: 49.740 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:284 Resp: 431898
Ion Ratio Lower Upper
284 100
142 26.3 26.5 39.7#
249 27.8 23.8 35.8





#69

Atrazine

Concen: 56.363 ng

RT: 11.039 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

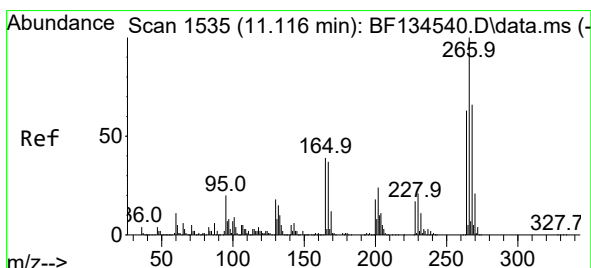
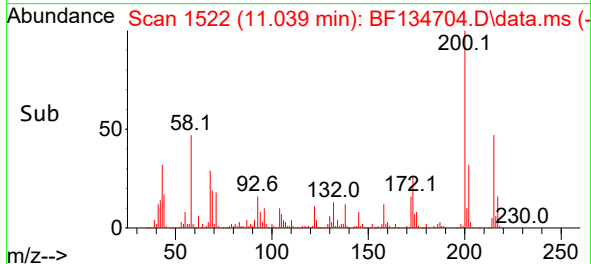
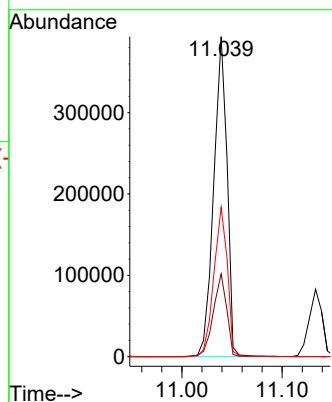
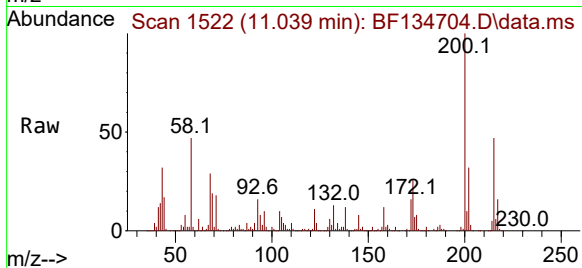
Tgt Ion:200 Resp: 363218

Ion Ratio Lower Upper

200 100

173 25.9 6.1 46.1

215 46.7 29.7 69.7



#70

Pentachlorophenol

Concen: 78.735 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.006 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

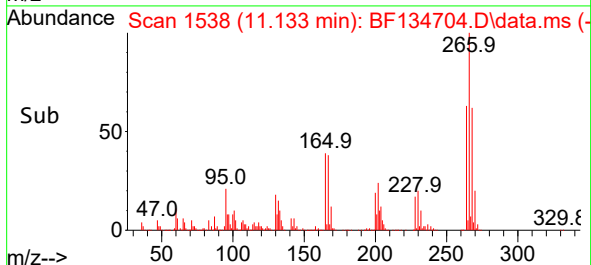
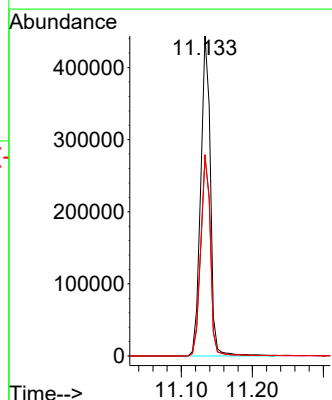
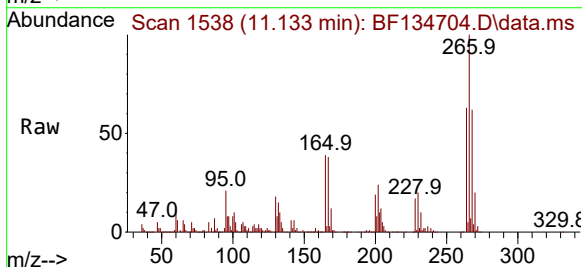
Tgt Ion:266 Resp: 423307

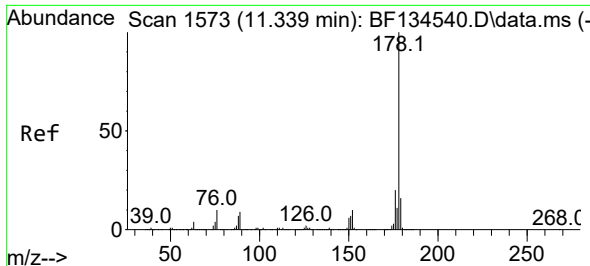
Ion Ratio Lower Upper

266 100

268 62.1 52.9 79.3

264 63.0 47.8 71.6

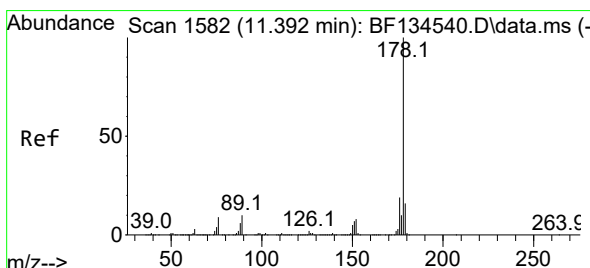
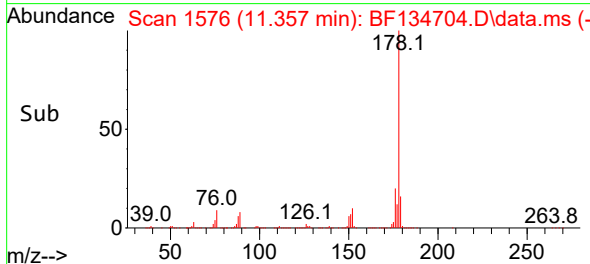
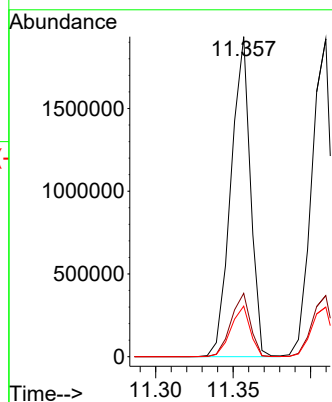
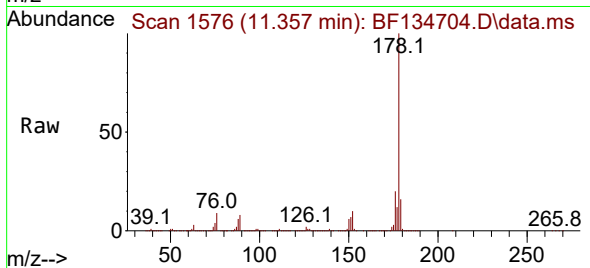




#71
Phenanthrene
Concen: 42.361 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

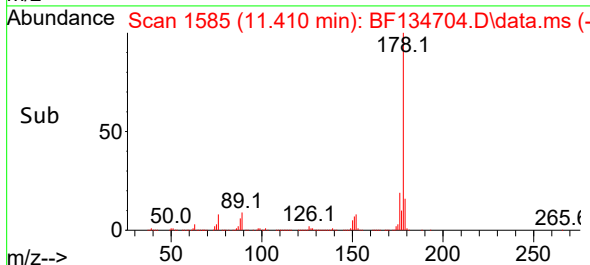
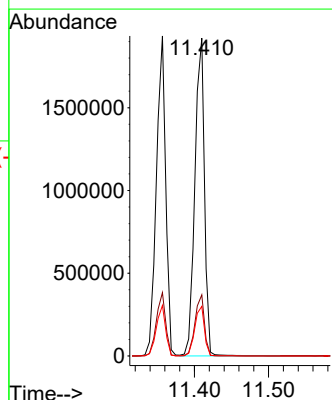
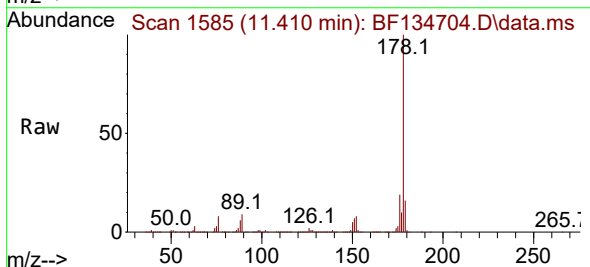
Instrument :
BNA_F
ClientSampleId :
PB154698BS

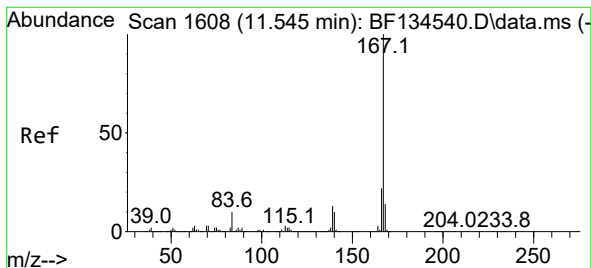
Tgt Ion:178 Resp: 1690148
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.8 12.7 19.1



#72
Anthracene
Concen: 42.142 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:178 Resp: 1717465
Ion Ratio Lower Upper
178 100
176 19.2 14.6 21.8
179 15.6 12.3 18.5





#73

Carbazole

Concen: 42.430 ng

RT: 11.563 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

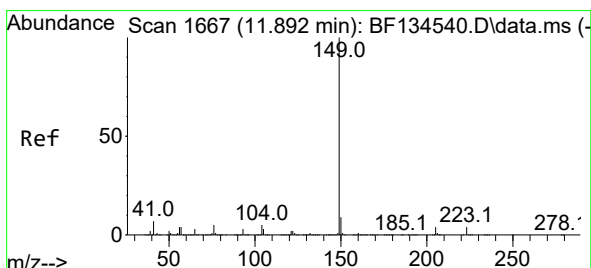
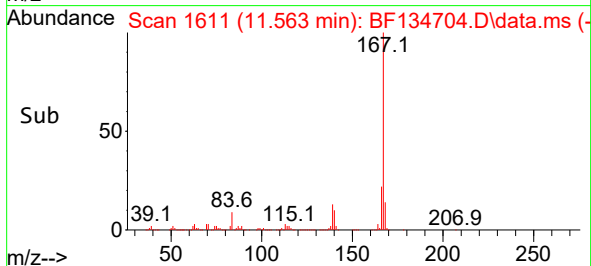
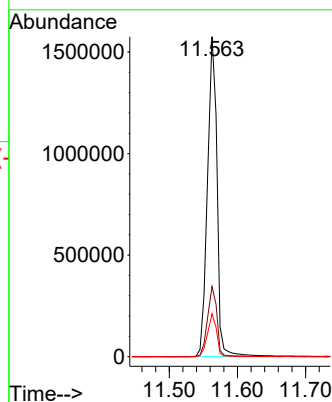
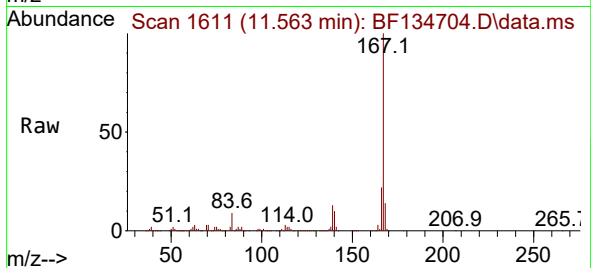
Tgt Ion:167 Resp: 1543986

Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

139 13.4 11.0 16.4



#74

Di-n-butylphthalate

Concen: 47.685 ng

RT: 11.898 min Scan# 1668

Delta R.T. 0.000 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

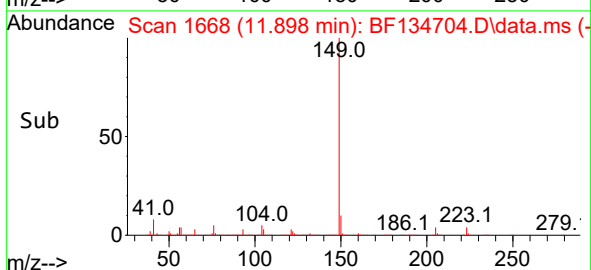
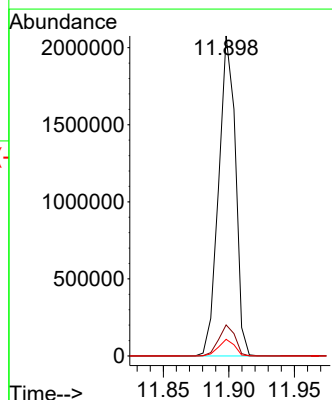
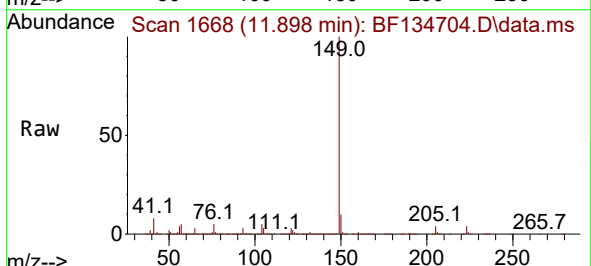
Tgt Ion:149 Resp: 1843468

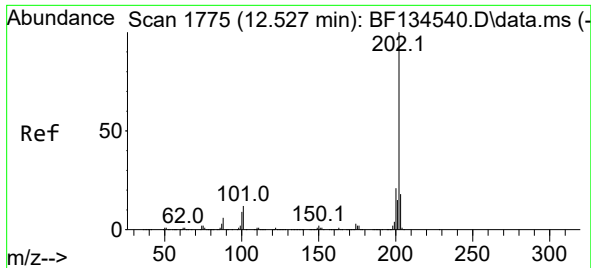
Ion Ratio Lower Upper

149 100

150 9.7 7.2 10.8

104 5.2 3.8 5.8

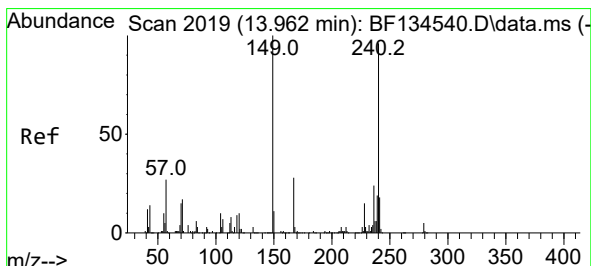
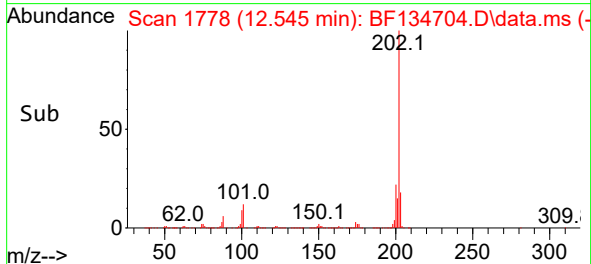
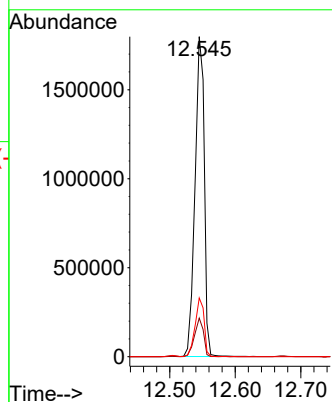
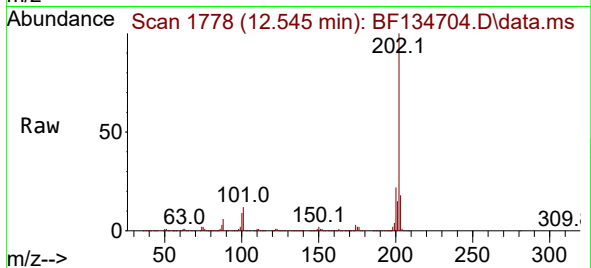




#75
Fluoranthene
Concen: 41.915 ng
RT: 12.545 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

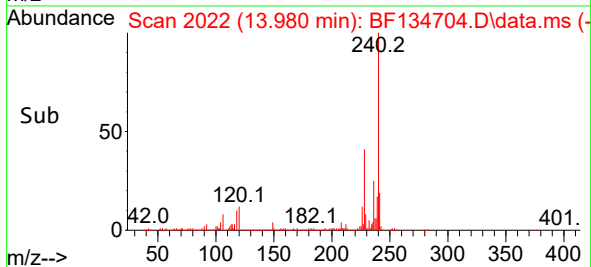
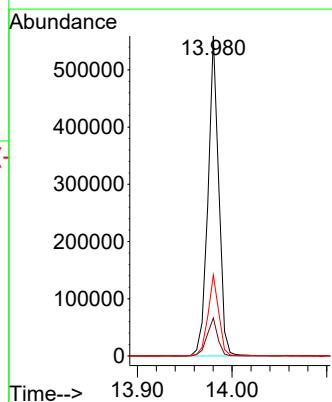
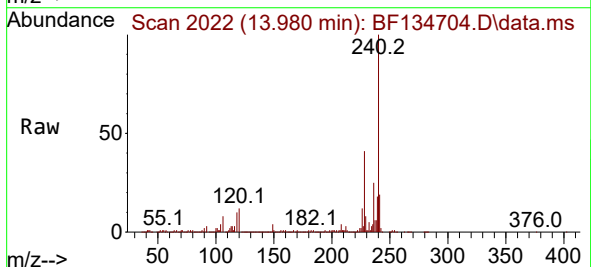
Instrument :
BNA_F
ClientSampleId :
PB154698BS

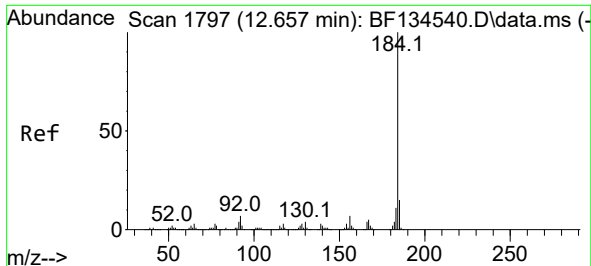
Tgt Ion:202 Resp: 1766512
Ion Ratio Lower Upper
202 100
101 12.0 0.0 28.5
203 18.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:240 Resp: 438824
Ion Ratio Lower Upper
240 100
120 11.9 6.6 10.0#
236 25.3 20.2 30.2

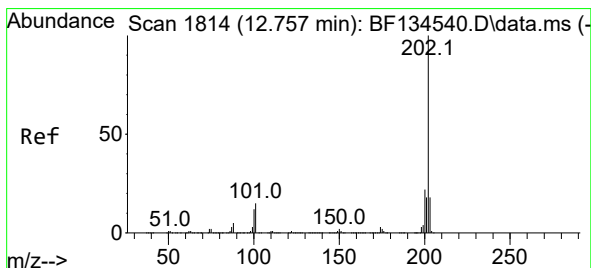
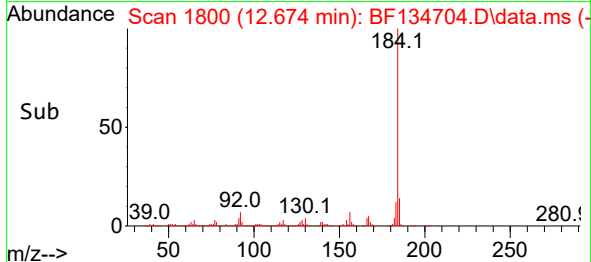
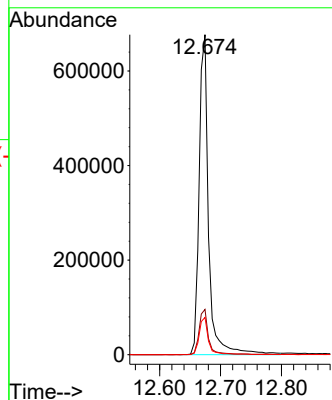
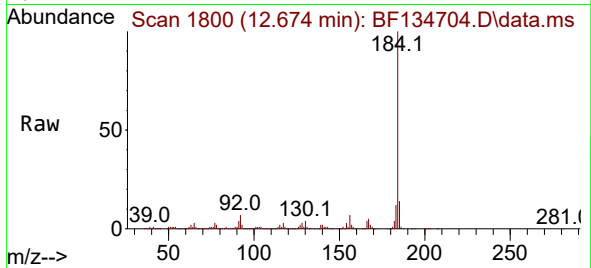




#77
Benzidine
Concen: 76.284 ng
RT: 12.674 min Scan# 1800
Delta R.T. 0.012 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

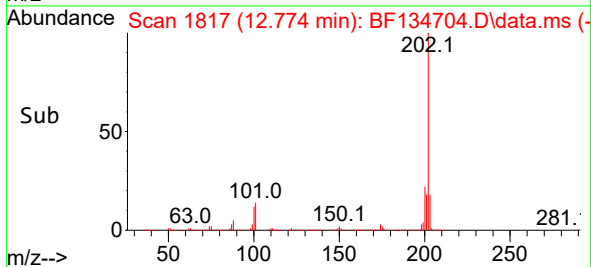
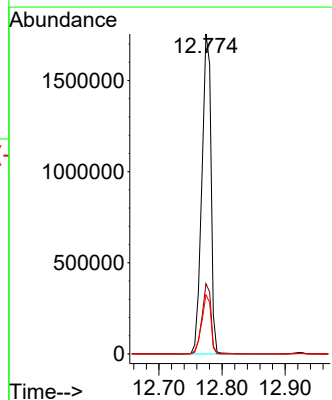
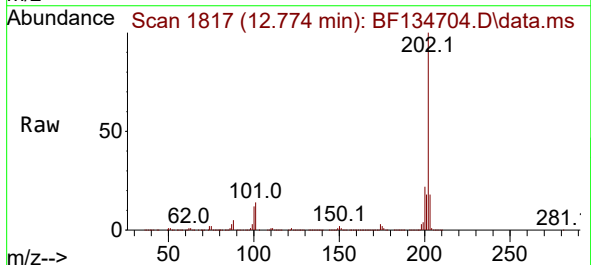
Instrument :
BNA_F
ClientSampleId :
PB154698BS

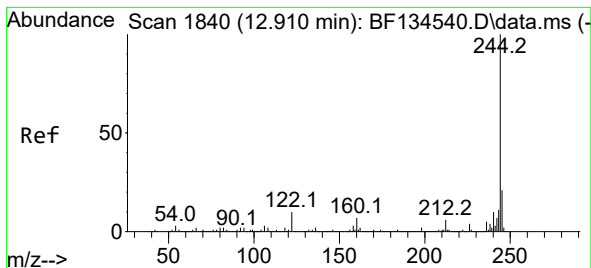
Tgt Ion:184 Resp: 726680
Ion Ratio Lower Upper
184 100
185 14.1 11.2 16.8
183 11.7 8.6 13.0



#78
Pyrene
Concen: 46.610 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:202 Resp: 1769895
Ion Ratio Lower Upper
202 100
200 22.0 15.8 23.8
203 18.5 13.5 20.3





#79

Terphenyl-d14

Concen: 96.287 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

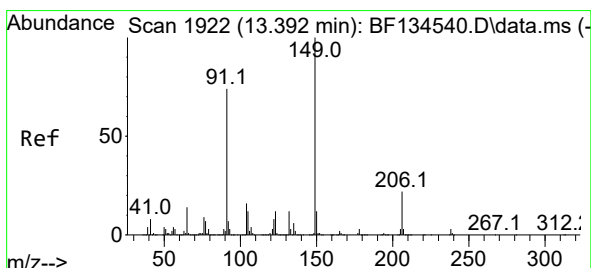
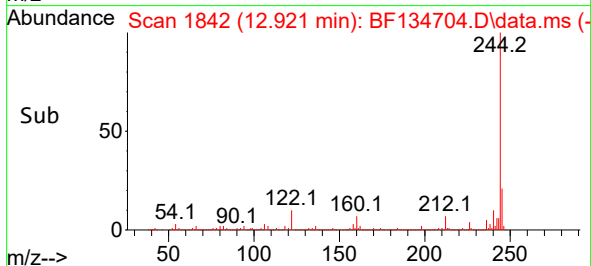
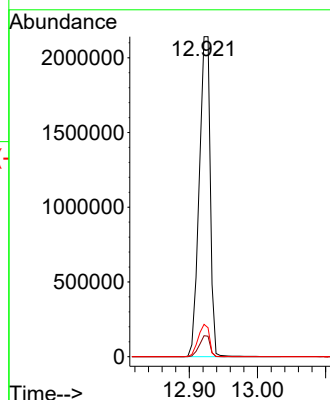
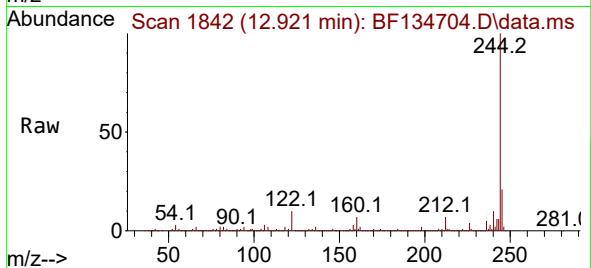
Tgt Ion:244 Resp: 2396834

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 10.1 8.0 12.0



#80

Butylbenzylphthalate

Concen: 52.322 ng

RT: 13.404 min Scan# 1924

Delta R.T. 0.006 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

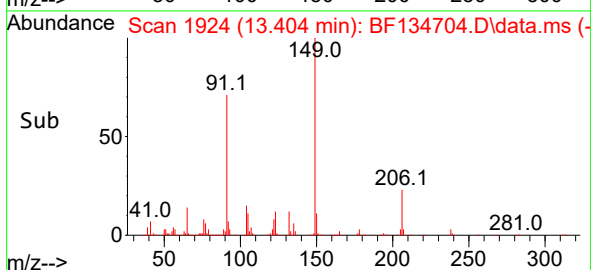
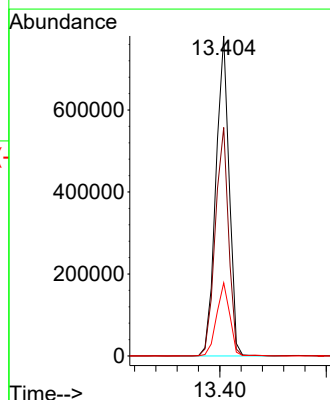
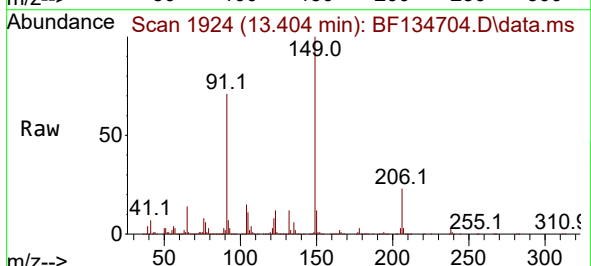
Tgt Ion:149 Resp: 671815

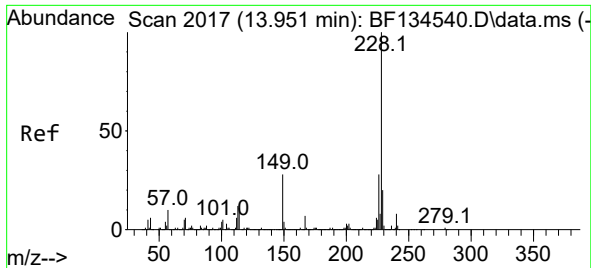
Ion Ratio Lower Upper

149 100

91 71.4 55.8 83.6

206 22.8 14.6 21.8#

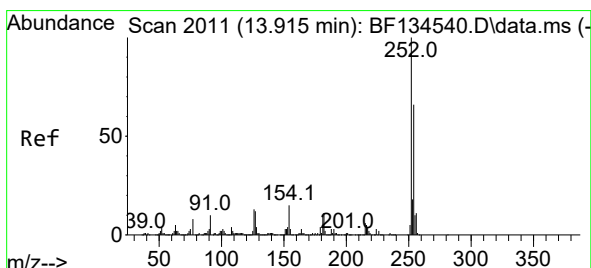
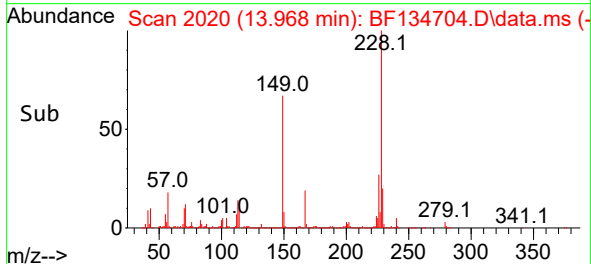
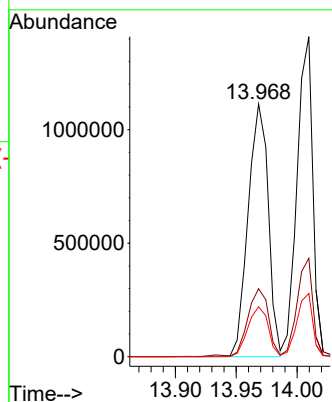
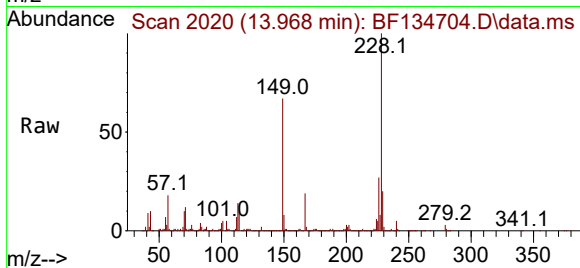




#81
Benzo(a)anthracene
Concen: 40.855 ng
RT: 13.968 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

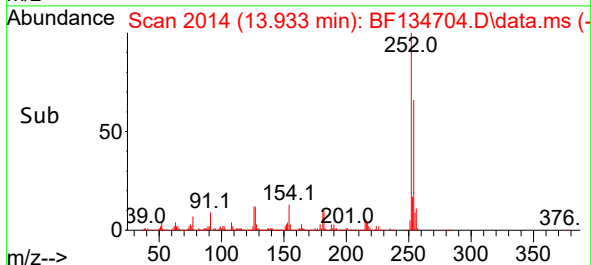
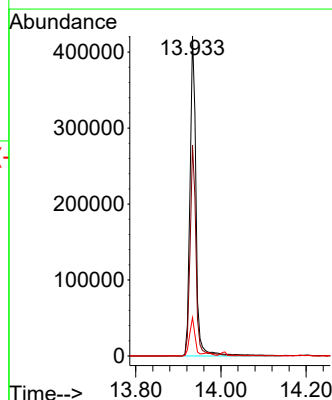
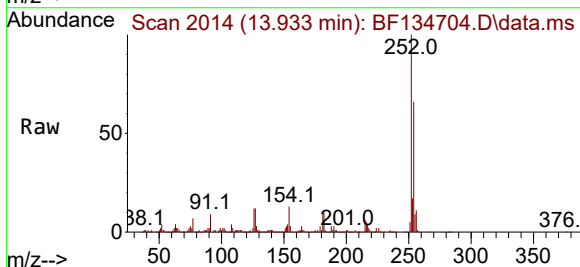
Instrument :
BNA_F
ClientSampleId :
PB154698BS

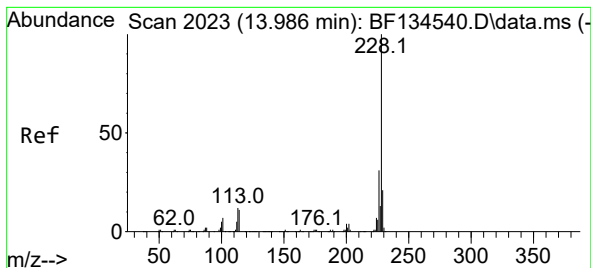
Tgt Ion:228 Resp: 1281962
Ion Ratio Lower Upper
228 100
226 26.9 22.3 33.5
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 45.494 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:252 Resp: 413786
Ion Ratio Lower Upper
252 100
254 65.9 52.7 79.1
126 12.0 7.2 10.8#





#83

Chrysene

Concen: 41.744 ng

RT: 14.010 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

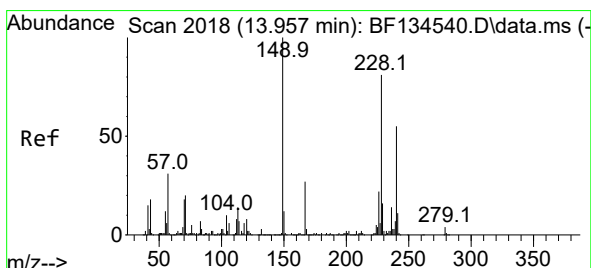
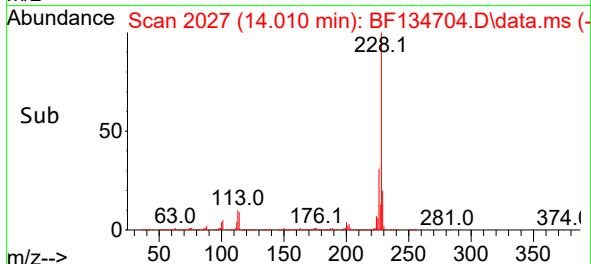
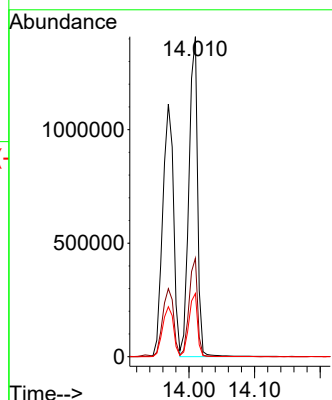
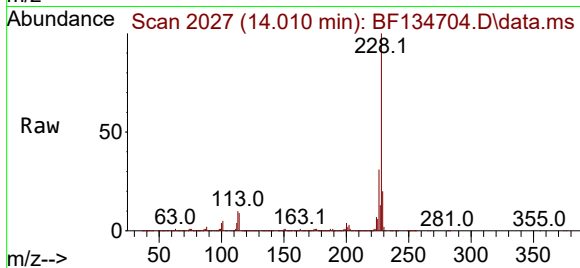
Tgt Ion:228 Resp: 1276123

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.781 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

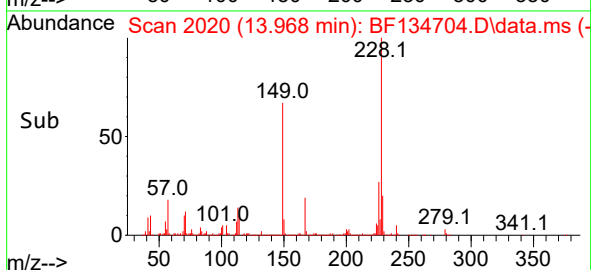
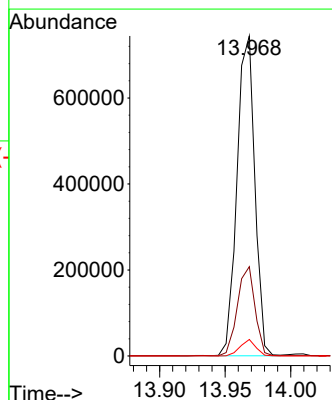
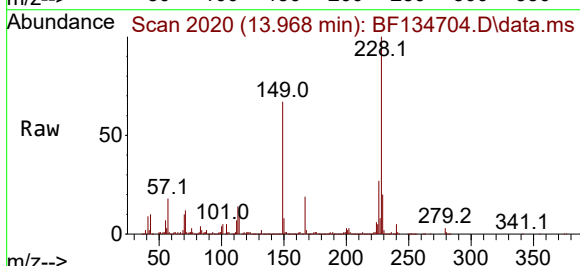
Tgt Ion:149 Resp: 706875

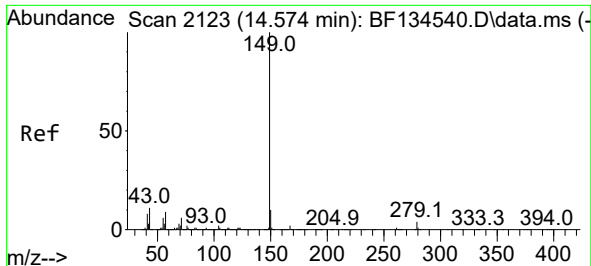
Ion Ratio Lower Upper

149 100

167 27.9 21.6 32.4

279 5.2 3.5 5.3

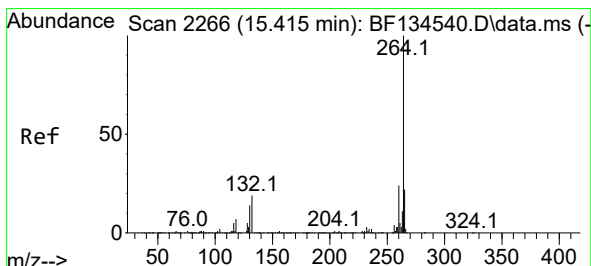
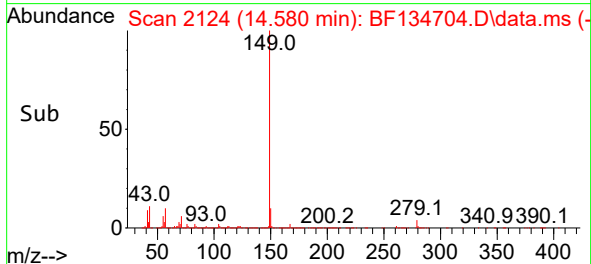
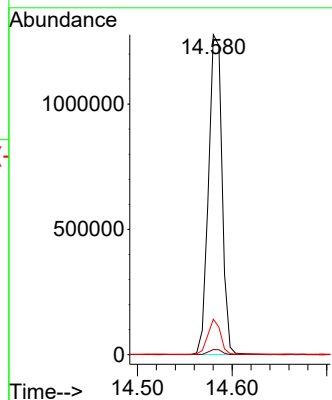
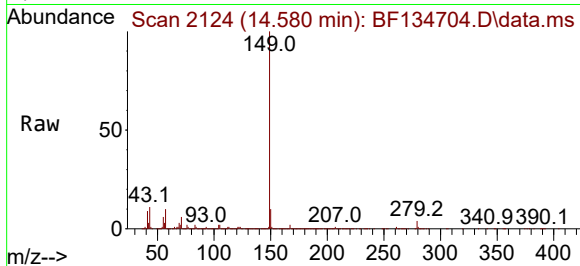




#85
Di-n-octyl phthalate
Concen: 54.931 ng
RT: 14.580 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

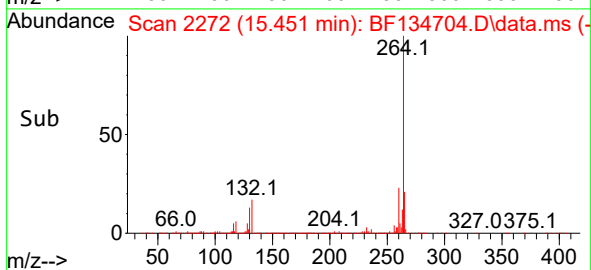
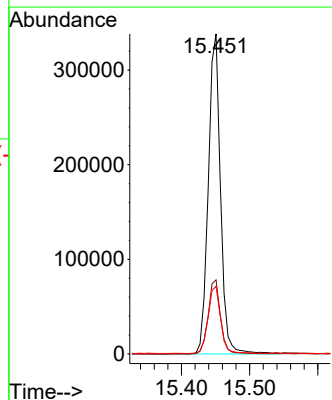
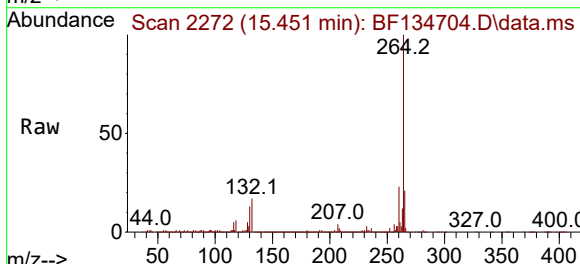
Instrument :
BNA_F
ClientSampleId :
PB154698BS

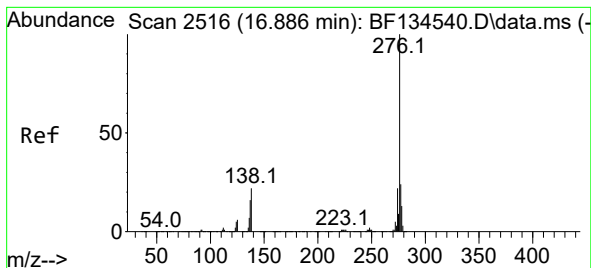
Tgt Ion:149 Resp: 1262206
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.1 8.1 12.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.012 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:264 Resp: 421198
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 21.1 15.8 23.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.341 ng

RT: 16.951 min Scan# 2199

Delta R.T. 0.024 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

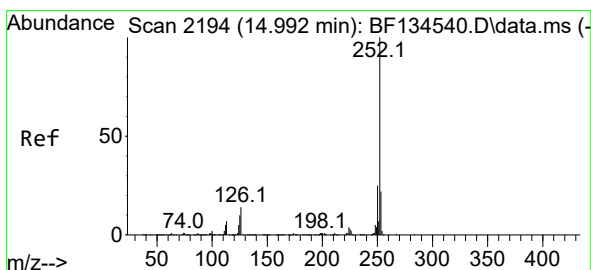
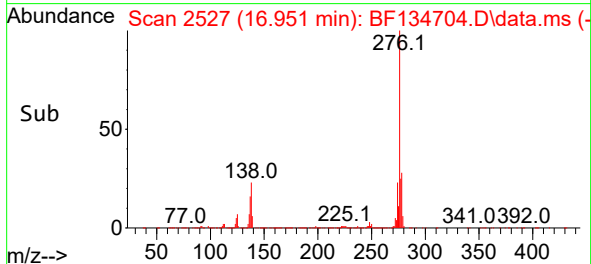
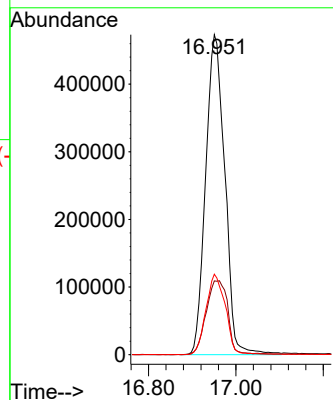
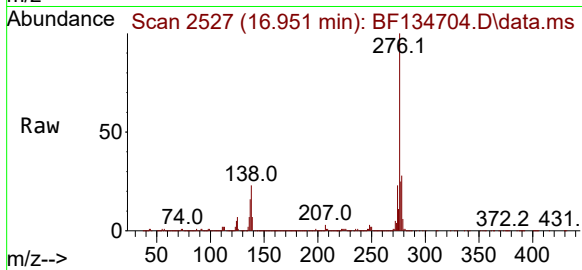
Tgt Ion:276 Resp: 1445206

Ion Ratio Lower Upper

276 100

138 25.9 14.2 21.4#

277 25.5 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 45.153 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

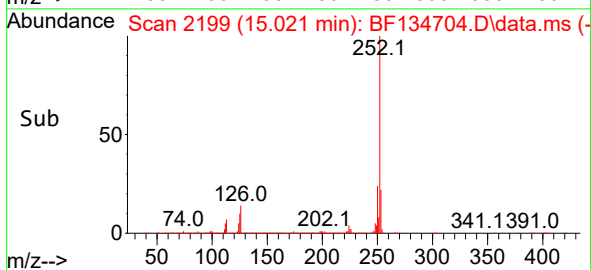
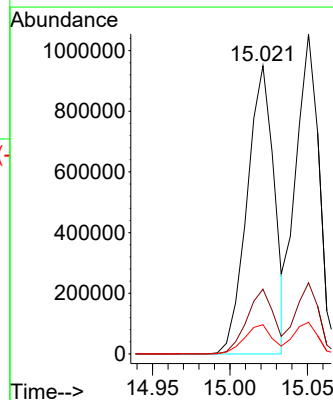
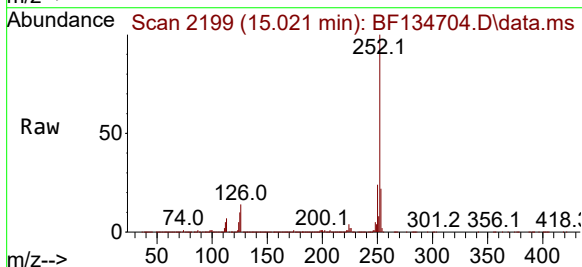
Tgt Ion:252 Resp: 1159917

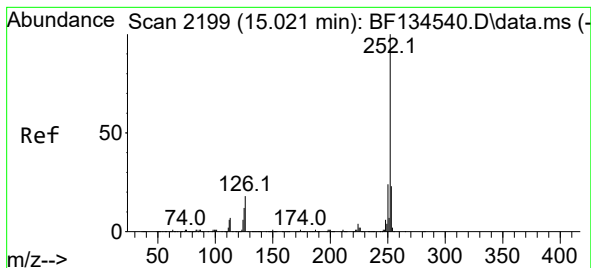
Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 10.1 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 43.219 ng

RT: 15.051 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

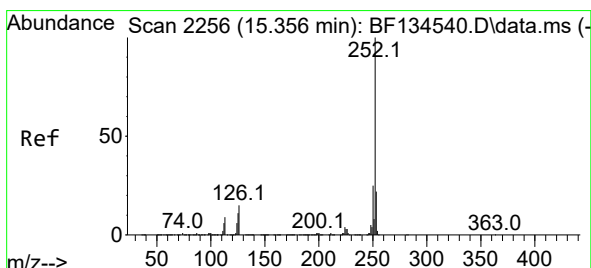
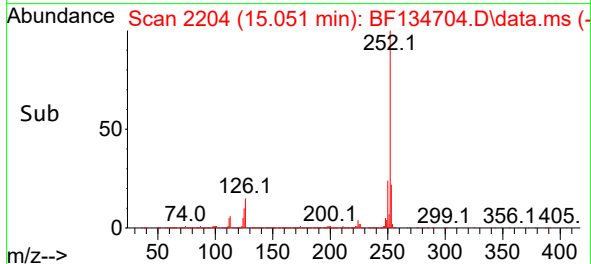
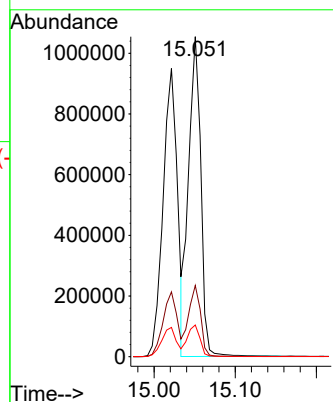
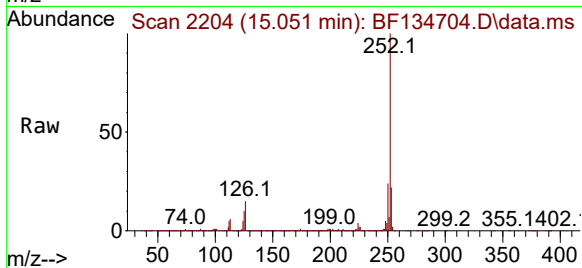
Tgt Ion:252 Resp: 1105963

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 9.9 6.3 9.5#



#90

Benzo(a)pyrene

Concen: 42.865 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

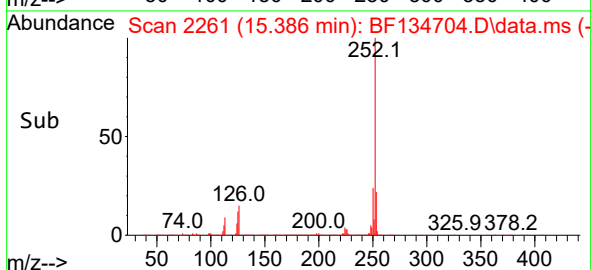
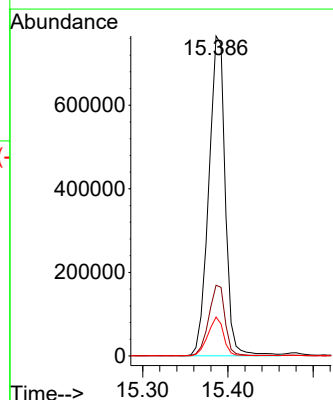
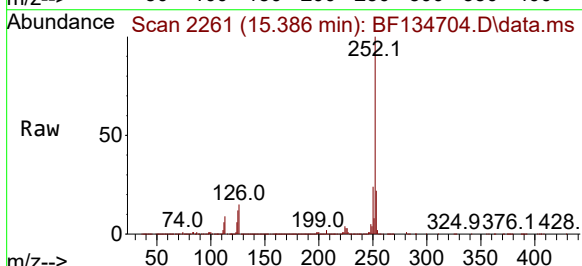
Tgt Ion:252 Resp: 1026672

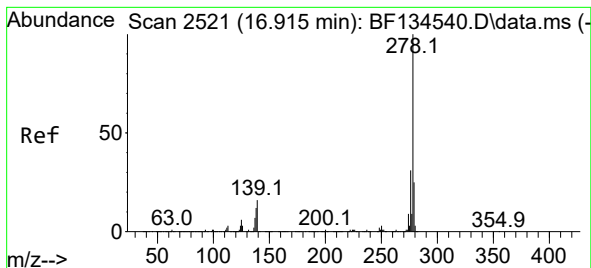
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

125 12.2 6.2 9.4#





#91

Dibenzo(a,h)anthracene

Concen: 59.738 ng

RT: 16.974 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

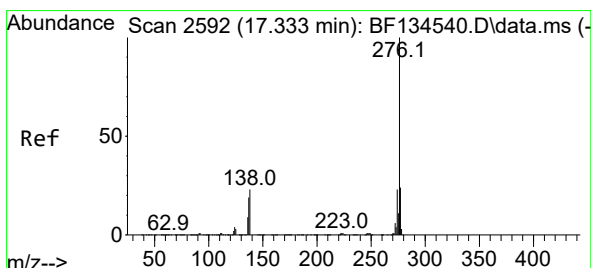
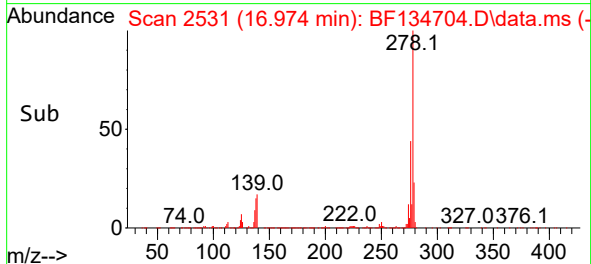
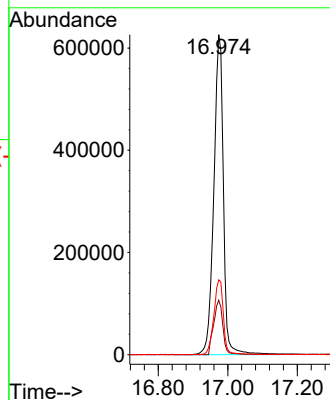
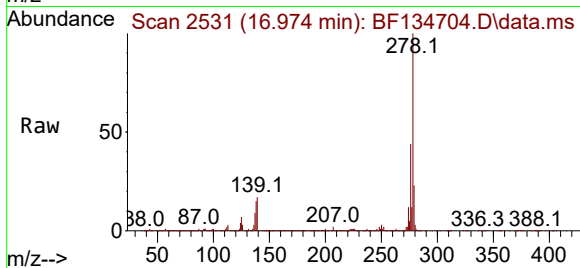
Tgt Ion:278 Resp: 1195914

Ion Ratio Lower Upper

278 100

139 17.0 10.0 15.0#

279 23.4 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 57.566 ng

RT: 17.409 min Scan# 2605

Delta R.T. 0.035 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Tgt Ion:276 Resp: 1175551

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.6

138 22.4 12.2 18.2#

