

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
 Data File : BF134073.D
 Acq On : 05 Jul 2023 18:31
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 00:20:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	111412	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	407794	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	203417	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	393836	20.000	ng	0.00
76) Chrysene-d12	14.045	240	239418	20.000	ng	0.00
86) Perylene-d12	15.545	264	199000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	533253	80.064	ng	0.00
7) Phenol-d6	6.487	99	639402	78.062	ng	0.00
23) Nitrobenzene-d5	7.416	82	610952	80.760	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	204163	80.050	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1083172	77.418	ng	0.00
79) Terphenyl-d14	12.980	244	1176717	79.101	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	110087	40.086	ng	99
3) Pyridine	3.422	79	295375	41.292	ng	99
4) n-Nitrosodimethylamine	3.387	42	167607	41.025	ng	97
6) Aniline	6.516	93	401155	40.247	ng	96
8) 2-Chlorophenol	6.634	128	266341	39.393	ng	97
9) Benzaldehyde	6.404	77	170688	37.238	ng	96
10) Phenol	6.504	94	342800	39.804	ng	95
11) bis(2-Chloroethyl)ether	6.592	93	245722	38.755	ng	97
12) 1,3-Dichlorobenzene	6.792	146	283181	39.287	ng	97
13) 1,4-Dichlorobenzene	6.869	146	286544	39.358	ng	98
14) 1,2-Dichlorobenzene	7.022	146	271472	39.814	ng	98
15) Benzyl Alcohol	6.992	79	252868	40.046	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	417980	37.263	ng	97
17) 2-Methylphenol	7.104	107	236367	39.041	ng	99
18) Hexachloroethane	7.357	117	108590	40.226	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	194583	37.460	ng	99
20) 3+4-Methylphenols	7.257	107	286612	39.022	ng	97
22) Acetophenone	7.257	105	366879	39.559	ng	97
24) Nitrobenzene	7.434	77	306181	40.052	ng	97
25) Isophorone	7.669	82	530332	38.573	ng	98
26) 2-Nitrophenol	7.745	139	149440	40.750	ng	94
27) 2,4-Dimethylphenol	7.786	122	226666	39.047	ng	98
28) bis(2-Chloroethoxy)met...	7.881	93	303716	38.150	ng	98
29) 2,4-Dichlorophenol	7.986	162	227215	39.472	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	234646	39.505	ng	97
31) Naphthalene	8.151	128	762281	38.699	ng	99
32) Benzoic acid	7.898	122	128315	29.499	ng	99
33) 4-Chloroaniline	8.204	127	332490	39.460	ng	97
34) Hexachlorobutadiene	8.263	225	150340	40.126	ng	99
35) Caprolactam	8.581	113	72304	38.148	ng	99
36) 4-Chloro-3-methylphenol	8.686	107	259203	40.083	ng	100
37) 2-Methylnaphthalene	8.845	142	535582	38.450	ng	99
38) 1-Methylnaphthalene	8.939	142	497142	38.391	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	241005	39.991	ng	99
41) Hexachlorocyclopentadiene	8.992	237	97158	33.982	ng	97
43) 2,4,6-Trichlorophenol	9.122	196	160706	39.172	ng	99

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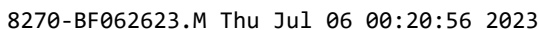
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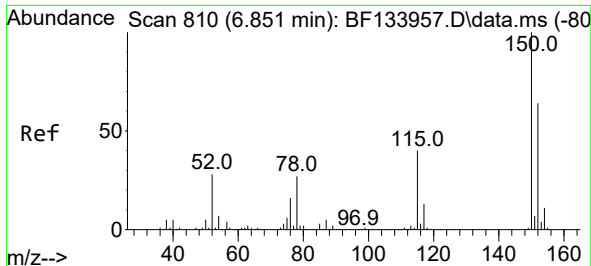
Quant Time: Jul 06 00:20:51 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	185937	38.530	ng	99
46) 1,1'-Biphenyl	9.310	154	637496	39.069	ng	98
47) 2-Chloronaphthalene	9.333	162	460913	38.606	ng	96
48) 2-Nitroaniline	9.433	65	175640	40.367	ng	98
49) Acenaphthylene	9.751	152	784269	38.455	ng	99
50) Dimethylphthalate	9.610	163	569006	38.535	ng	100
51) 2,6-Dinitrotoluene	9.675	165	125071	39.326	ng	# 86
52) Acenaphthene	9.922	154	459019	38.788	ng	99
53) 3-Nitroaniline	9.845	138	151117	39.607	ng	98
54) 2,4-Dinitrophenol	9.957	184	62746	36.376	ng	96
55) Dibenzofuran	10.098	168	711256	38.457	ng	98
56) 4-Nitrophenol	10.010	139	99348	37.225	ng	97
57) 2,4-Dinitrotoluene	10.086	165	166814	39.717	ng	99
58) Fluorene	10.439	166	558289	38.801	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	147034	38.627	ng	99
60) Diethylphthalate	10.310	149	591409	38.443	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	268391	38.706	ng	95
62) 4-Nitroaniline	10.463	138	151072	39.289	ng	95
63) Azobenzene	10.592	77	562940	38.685	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	91957	42.827	ng	79
66) n-Nitrosodiphenylamine	10.551	169	502662	39.947	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	168903	40.349	ng	94
68) Hexachlorobenzene	10.986	284	180701	40.657	ng	94
69) Atrazine	11.080	200	137412	39.479	ng	98
70) Pentachlorophenol	11.186	266	105605	39.739	ng	99
71) Phenanthrene	11.410	178	777144	39.197	ng	99
72) Anthracene	11.463	178	819100	39.720	ng	100
73) Carbazole	11.616	167	760367	40.284	ng	98
74) Di-n-butylphthalate	11.945	149	893812	39.820	ng	99
75) Fluoranthene	12.604	202	861621	40.199	ng	99
77) Benzidine	12.727	184	270559	47.493	ng	99
78) Pyrene	12.833	202	868329	38.972	ng	99
80) Butylbenzylphthalate	13.457	149	330584	39.560	ng	97
81) Benzo(a)anthracene	14.033	228	649086	39.092	ng	98
82) 3,3'-Dichlorobenzidine	13.998	252	200713	38.155	ng	100
83) Chrysene	14.068	228	617879	38.420	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	371028	38.640	ng	99
85) Di-n-octyl phthalate	14.639	149	497119	35.234	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	559527	40.520	ng	98
88) Benzo(b)fluoranthene	15.104	252	462464	39.522	ng	99
89) Benzo(k)fluoranthene	15.133	252	480566	40.337	ng	99
90) Benzo(a)pyrene	15.486	252	443869	39.228	ng	98
91) Dibenzo(a,h)anthracene	17.115	278	449075	39.816	ng	99
92) Benzo(g,h,i)perylene	17.568	276	467406	40.186	ng	100

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

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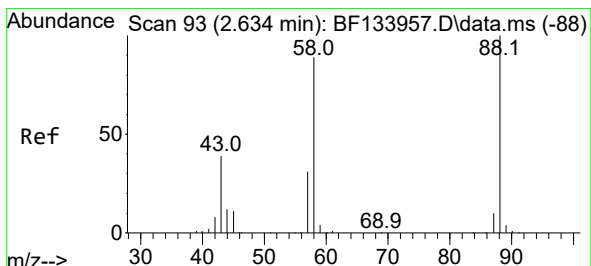
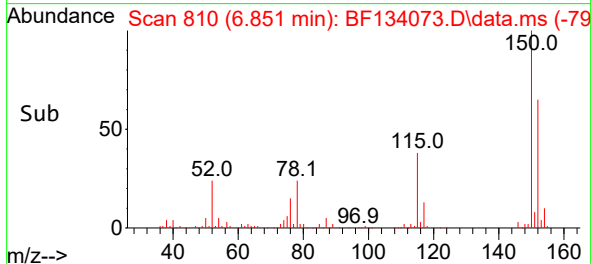
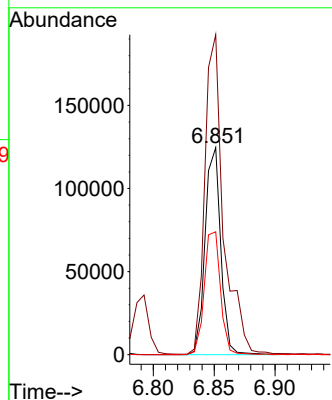
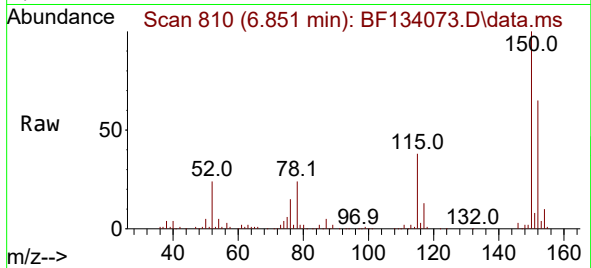




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

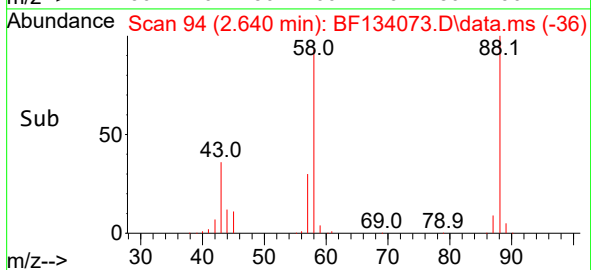
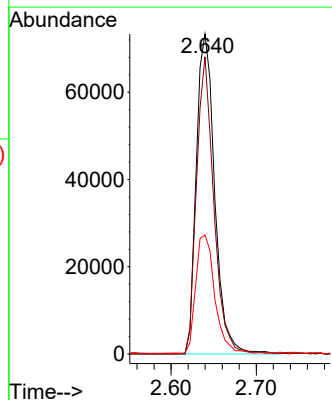
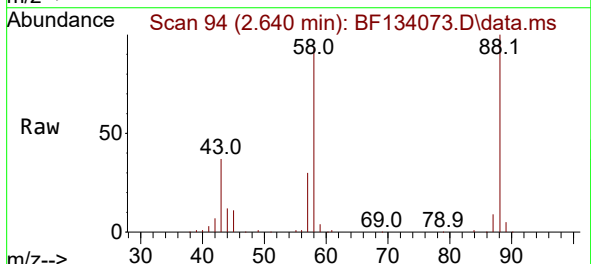
Instrument :
BNA_F
ClientSampleId :

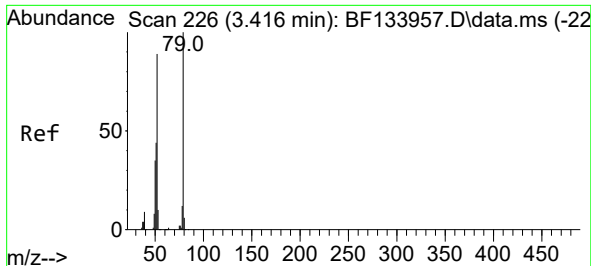
Tgt Ion:152 Resp: 111412
Ion Ratio Lower Upper
152 100
150 154.6 124.5 186.7
115 59.3 50.2 75.2



#2
1,4-Dioxane
Concen: 40.086 ng
RT: 2.640 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

Tgt Ion: 88 Resp: 110087
Ion Ratio Lower Upper
88 100
58 87.2 68.8 103.2
43 38.0 30.7 46.1

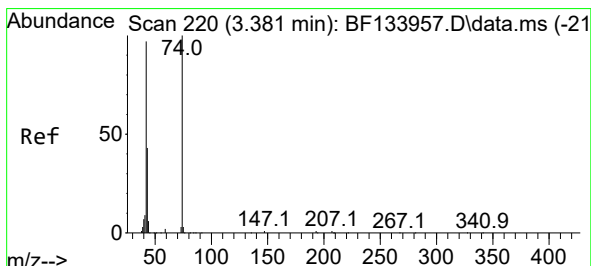
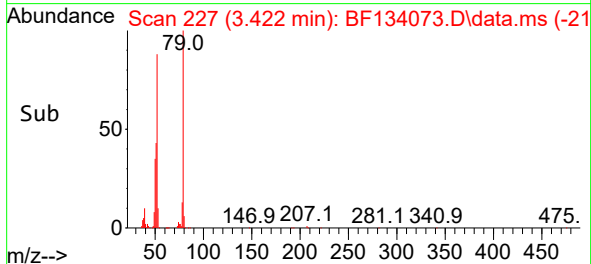
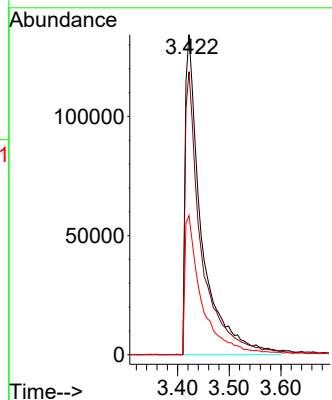
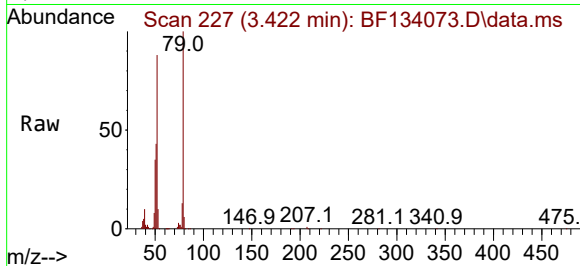




#3
 Pyridine
 Concen: 41.292 ng
 RT: 3.422 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF134073.D
 Acq: 05 Jul 2023 18:31

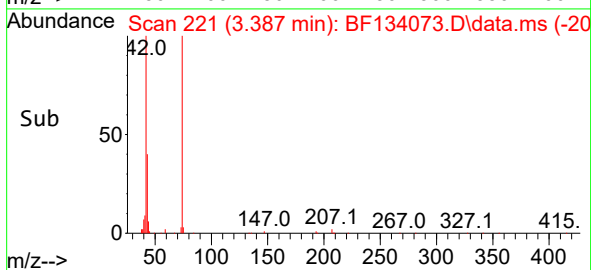
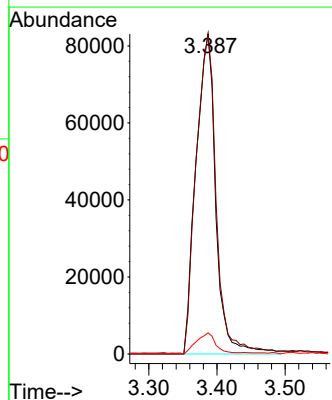
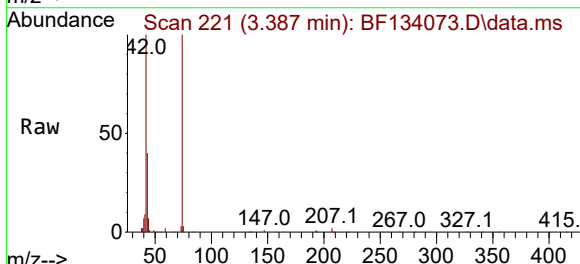
Instrument :
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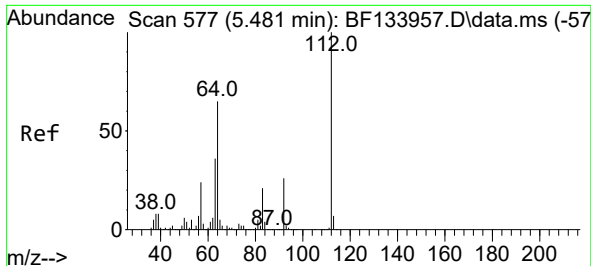
Tgt Ion: 79 Resp: 295375
 Ion Ratio Lower Upper
 79 100
 52 88.5 71.1 106.7
 51 43.5 35.2 52.8



#4
 n-Nitrosodimethylamine
 Concen: 41.025 ng
 RT: 3.387 min Scan# 221
 Delta R.T. -0.018 min
 Lab File: BF134073.D
 Acq: 05 Jul 2023 18:31

Tgt Ion: 42 Resp: 167607
 Ion Ratio Lower Upper
 42 100
 74 99.9 82.4 123.6
 44 6.6 4.9 7.3

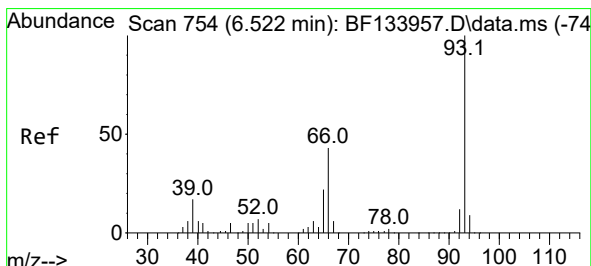
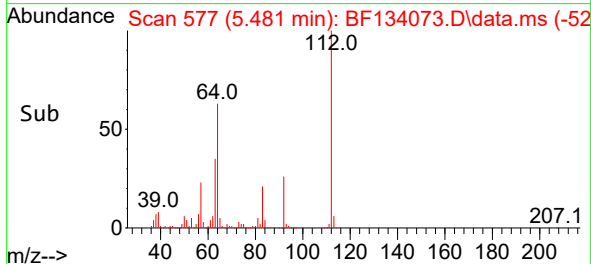
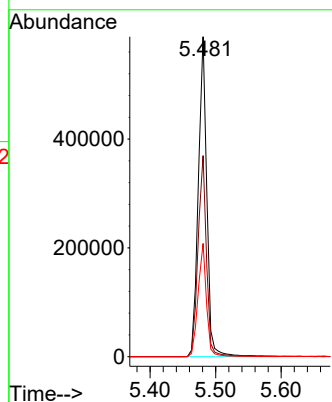
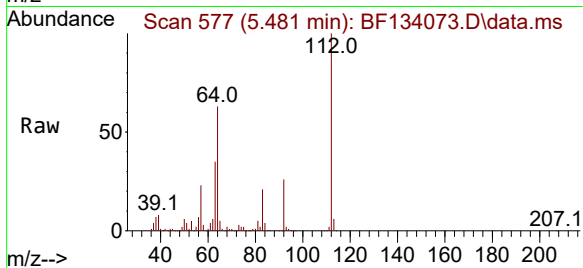




#5
2-Fluorophenol
Concen: 80.064 ng
RT: 5.481 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

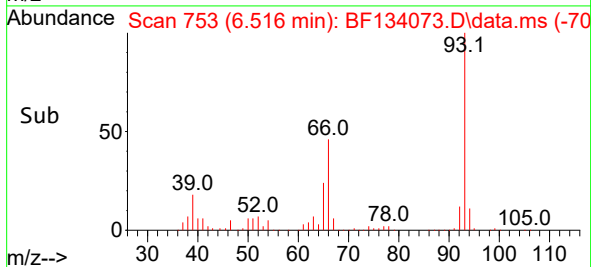
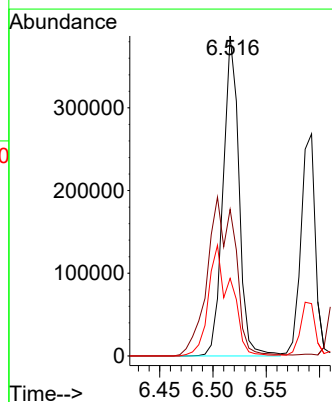
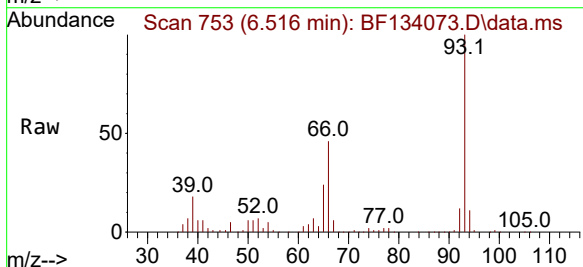
Instrument :
BNA_F
ClientSampleId :

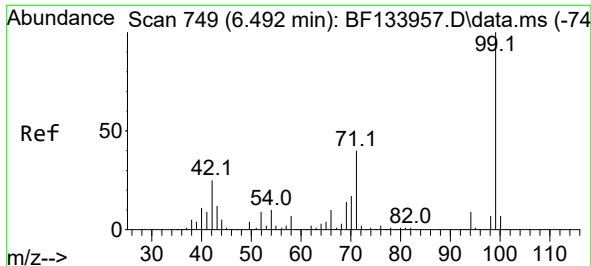
Tgt Ion:112 Resp: 533253
Ion Ratio Lower Upper
112 100
64 62.9 52.1 78.1
63 35.4 28.6 42.8



#6
Aniline
Concen: 40.247 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

Tgt Ion: 93 Resp: 401155
Ion Ratio Lower Upper
93 100
66 45.8 34.5 51.7
65 24.3 17.8 26.6

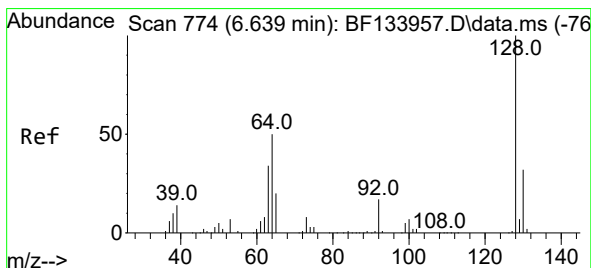
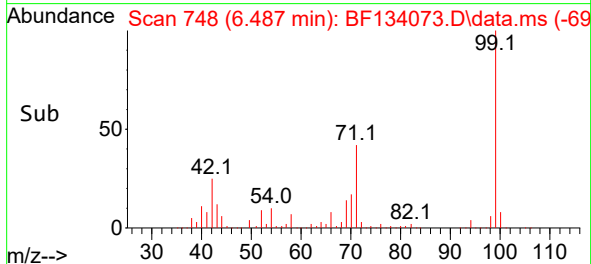
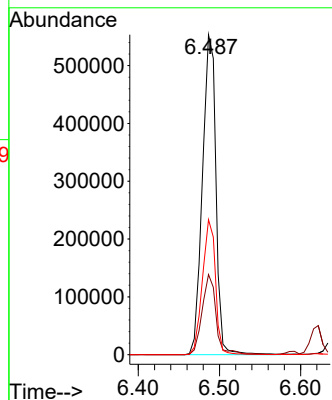
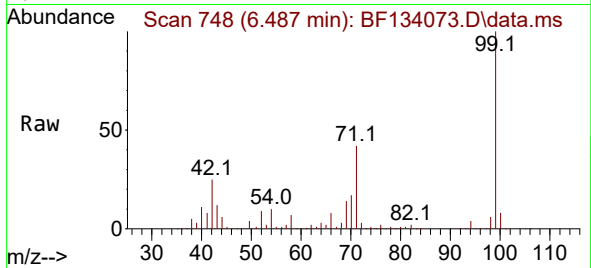




#7
Phenol-d6
Concen: 78.062 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

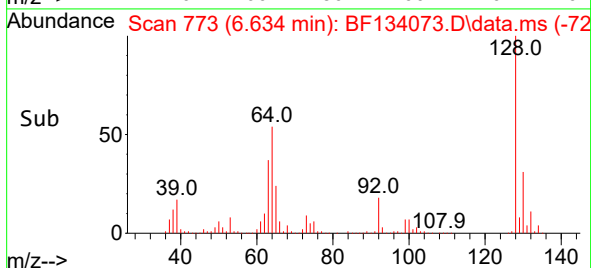
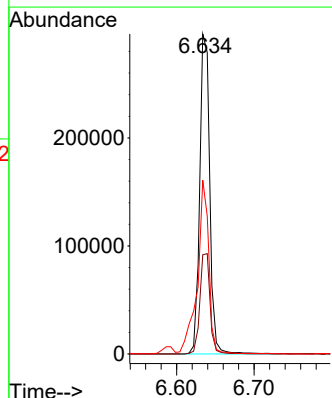
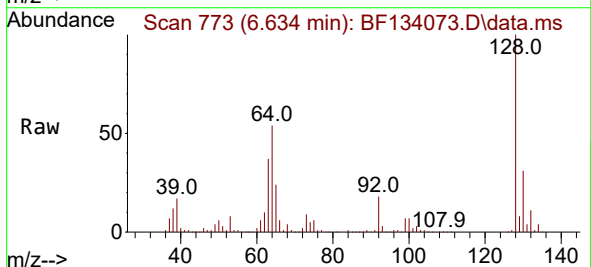
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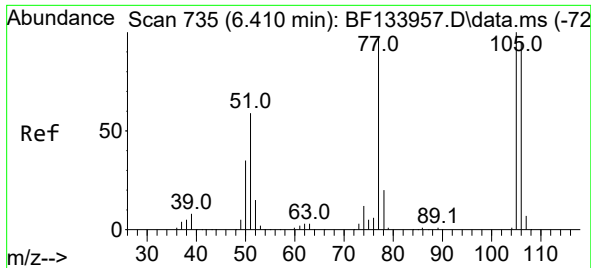
Tgt Ion: 99 Resp: 639402
Ion Ratio Lower Upper
99 100
42 25.0 19.8 29.6
71 42.2 31.9 47.9



#8
2-Chlorophenol
Concen: 39.393 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

Tgt Ion:128 Resp: 266341
Ion Ratio Lower Upper
128 100
130 31.0 11.7 51.7
64 54.3 31.3 71.3





#9

Benzaldehyde

Concen: 37.238 ng

RT: 6.404 min Scan# 735

Delta R.T. -0.006 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

Instrument :

BNA_F

ClientSampleId :

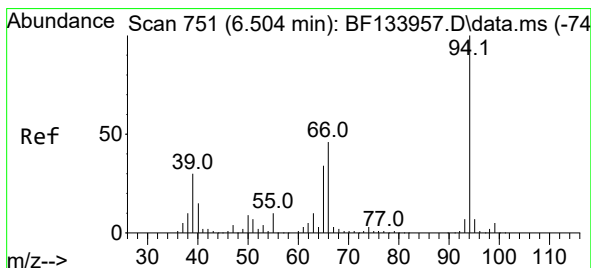
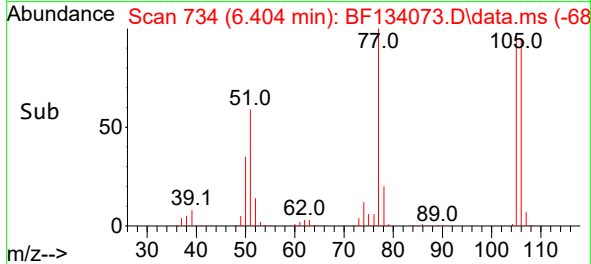
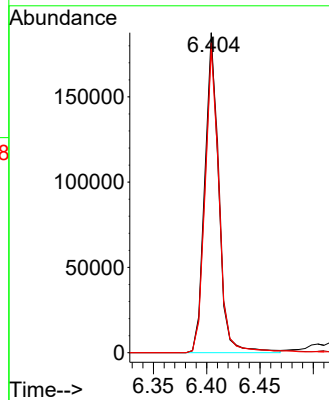
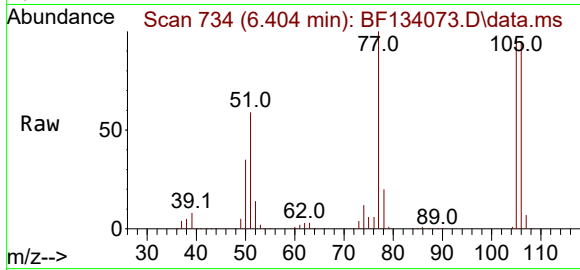
Tgt Ion: 77 Resp: 170688

Ion Ratio Lower Upper

77 100

105 96.9 82.0 122.0

106 94.8 76.9 116.9



#10

Phenol

Concen: 39.804 ng

RT: 6.504 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

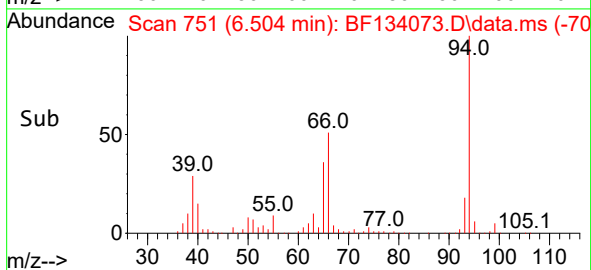
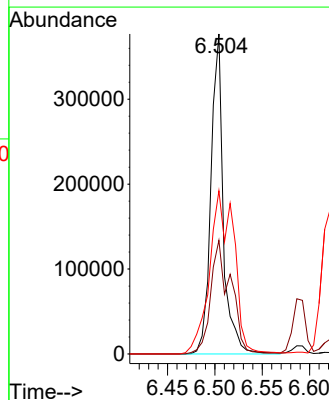
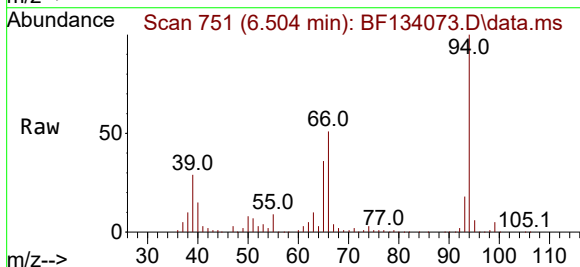
Tgt Ion: 94 Resp: 342800

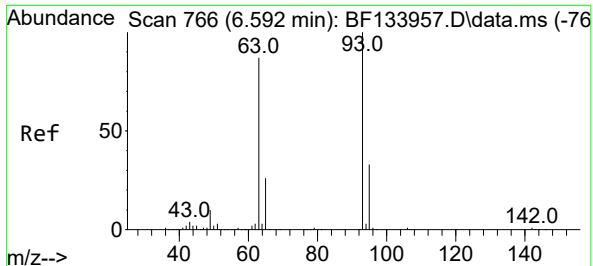
Ion Ratio Lower Upper

94 100

65 35.5 14.2 54.2

66 51.0 26.4 66.4





#11

bis(2-Chloroethyl)ether

Concen: 38.755 ng

RT: 6.592 min Scan# 766

Delta R.T. -0.000 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

Instrument :

BNA_F

ClientSampleId :

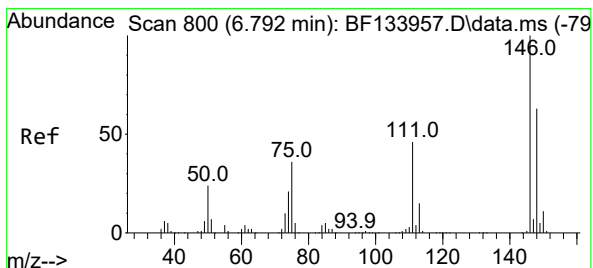
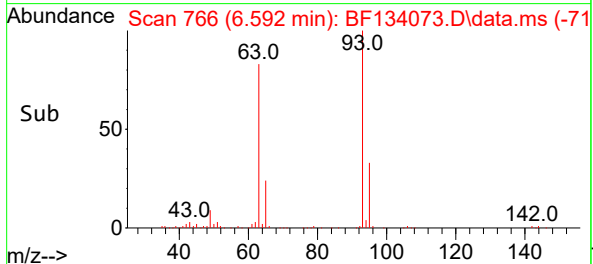
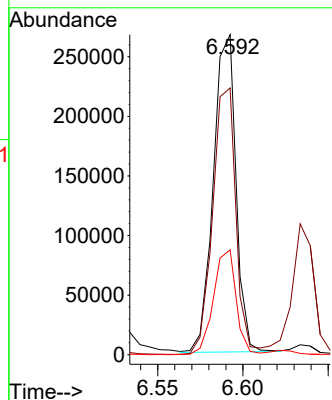
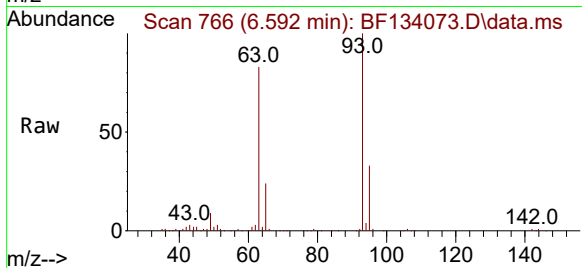
Tgt Ion: 93 Resp: 245722

Ion Ratio Lower Upper

93 100

63 83.3 66.5 106.5

95 32.7 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 39.287 ng

RT: 6.792 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

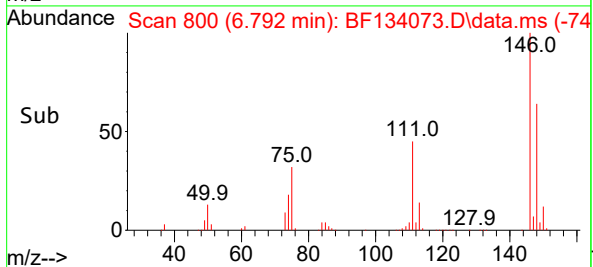
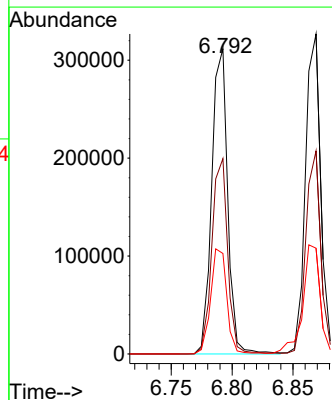
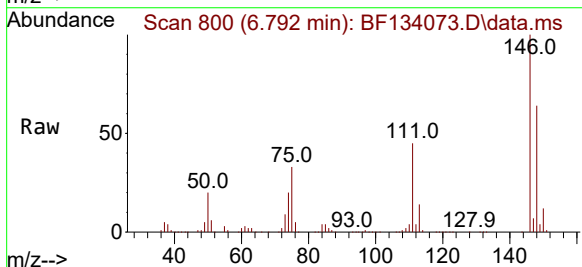
Tgt Ion:146 Resp: 283181

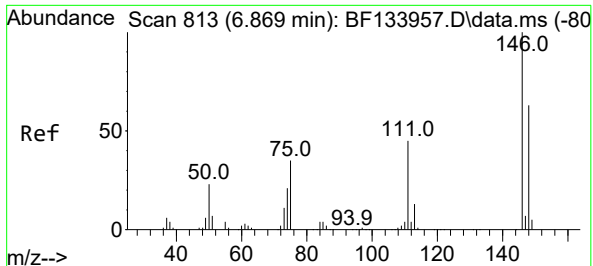
Ion Ratio Lower Upper

146 100

148 64.0 50.5 75.7

75 32.9 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 39.358 ng

RT: 6.869 min Scan# 813

Delta R.T. -0.000 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

Instrument :

BNA_F

ClientSampleId :

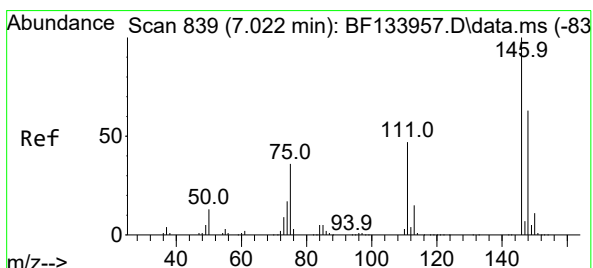
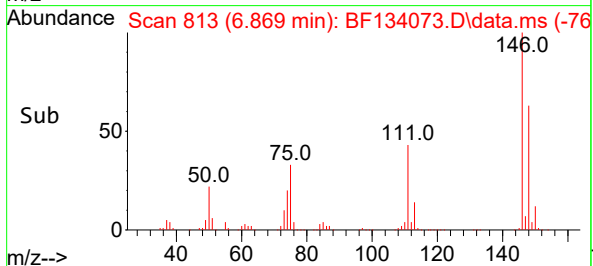
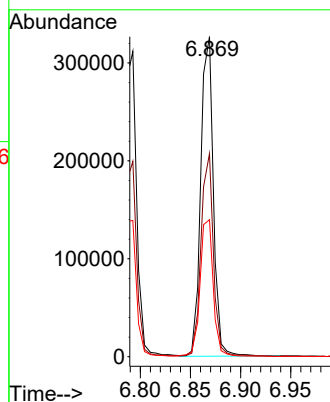
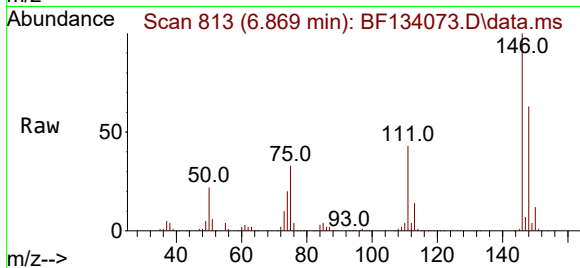
Tgt Ion:146 Resp: 286544

Ion Ratio Lower Upper

146 100

148 63.4 50.2 75.2

111 42.8 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 39.814 ng

RT: 7.022 min Scan# 839

Delta R.T. -0.000 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

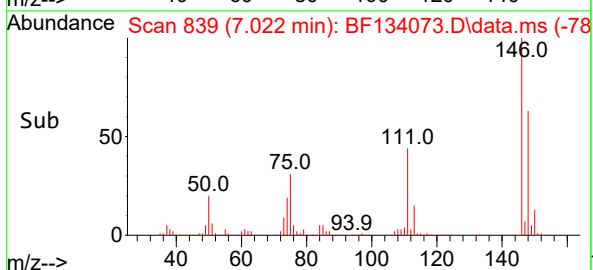
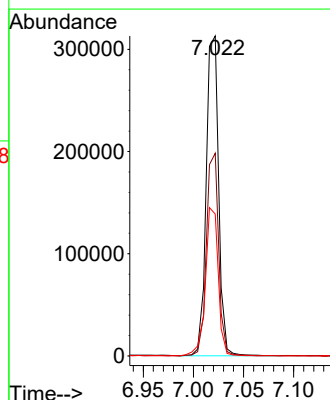
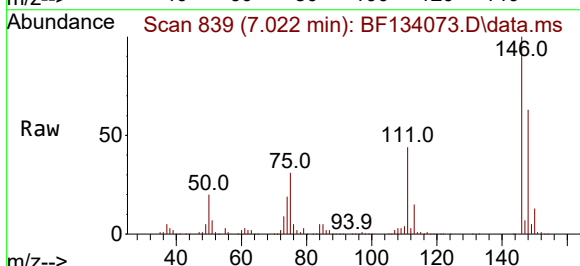
Tgt Ion:146 Resp: 271472

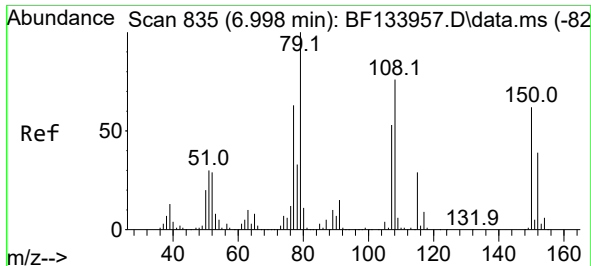
Ion Ratio Lower Upper

146 100

148 63.3 50.6 76.0

111 44.4 38.0 57.0

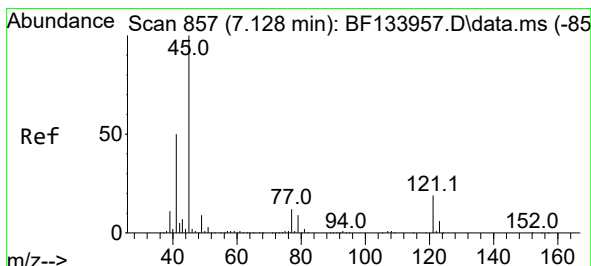
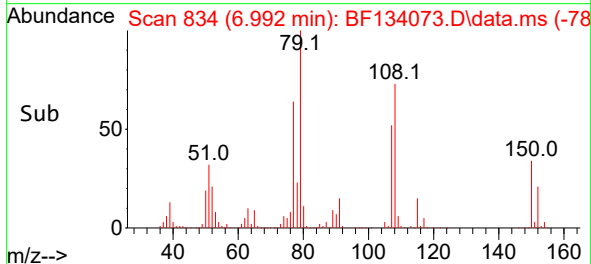
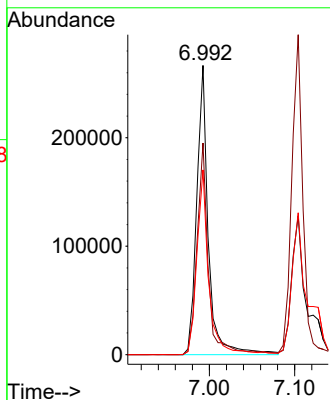
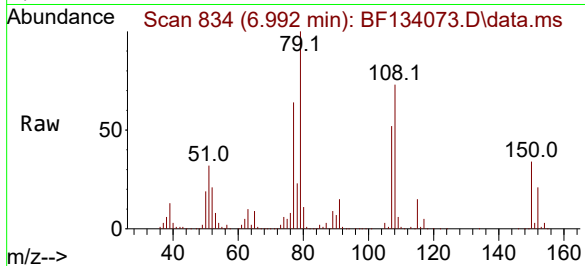




#15
Benzyl Alcohol
Concen: 40.046 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

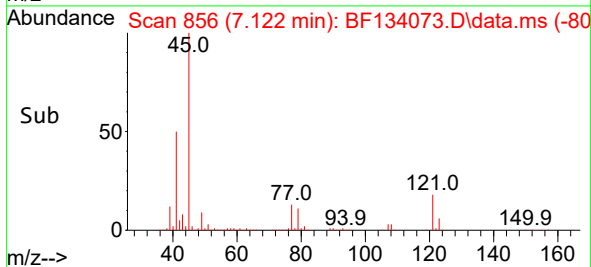
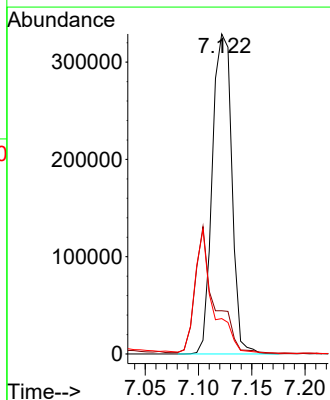
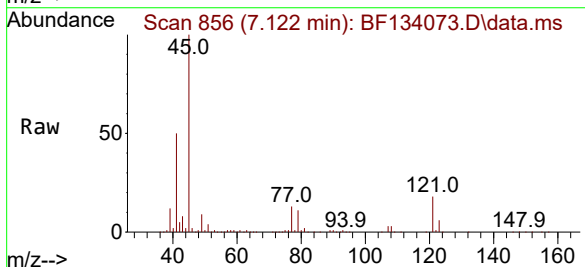
Instrument :
BNA_F
ClientSampleId :

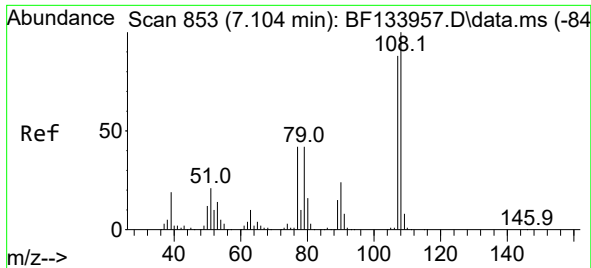
Tgt Ion: 79 Resp: 252868
Ion Ratio Lower Upper
79 100
108 73.2 60.7 91.1
77 63.9 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.263 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

Tgt Ion: 45 Resp: 417980
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.9
79 11.1 0.0 29.5

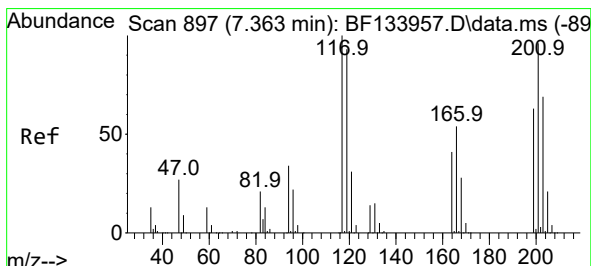
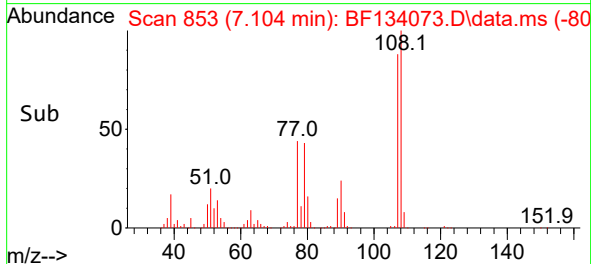
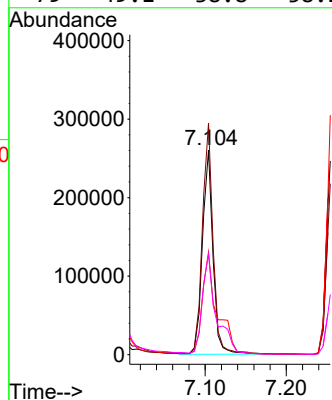
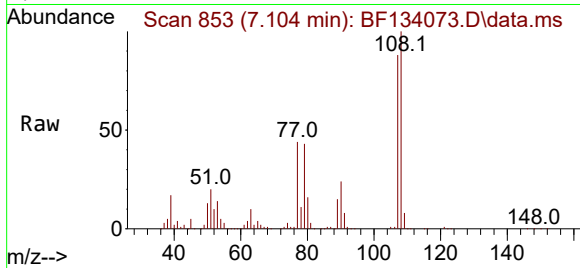




#17
2-Methylphenol
Concen: 39.041 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

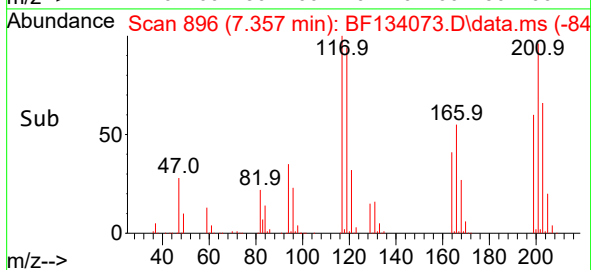
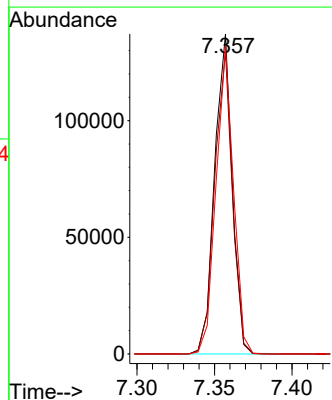
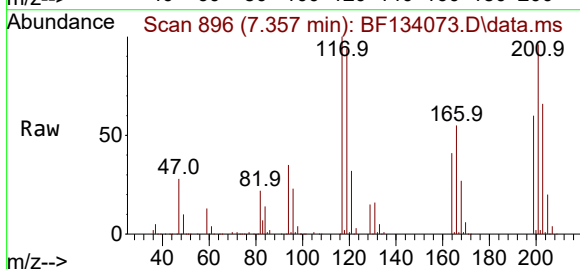
Instrument :
BNA_F
ClientSampleId :

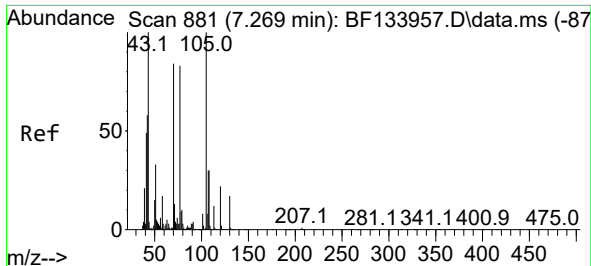
Tgt Ion:107 Resp: 236367
Ion Ratio Lower Upper
107 100
108 113.2 90.6 136.0
77 50.2 38.3 57.5
79 49.1 38.8 58.2



#18
Hexachloroethane
Concen: 40.226 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

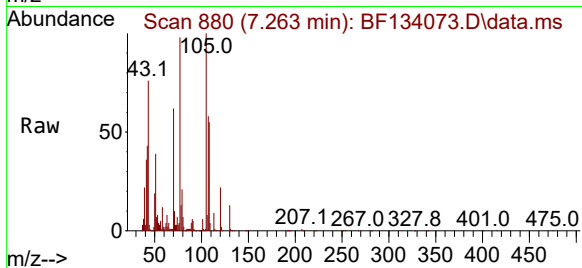
Tgt Ion:117 Resp: 108590
Ion Ratio Lower Upper
117 100
119 94.5 74.2 111.4
201 96.2 77.2 115.8



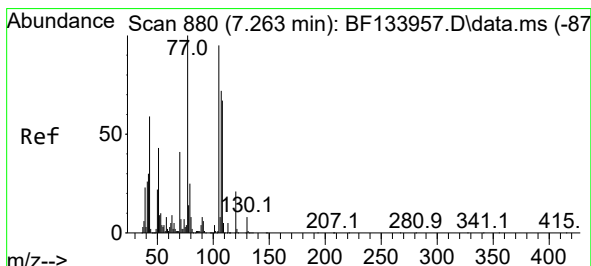
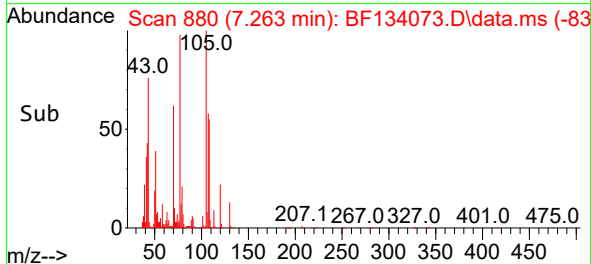
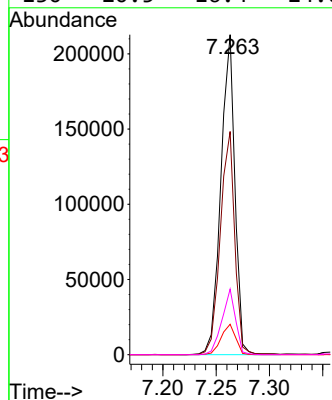


#19
n-Nitroso-di-n-propylamine
Concen: 37.460 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

Instrument :
BNA_F
ClientSampleId :

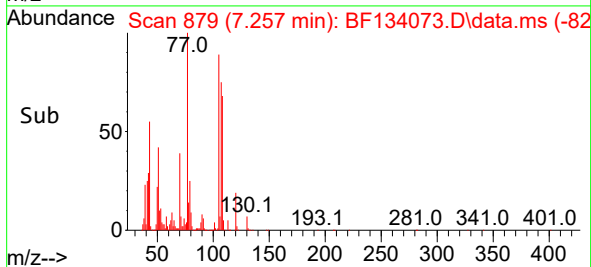
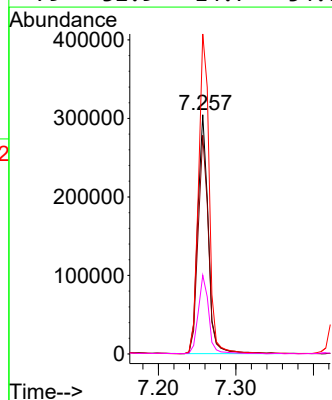
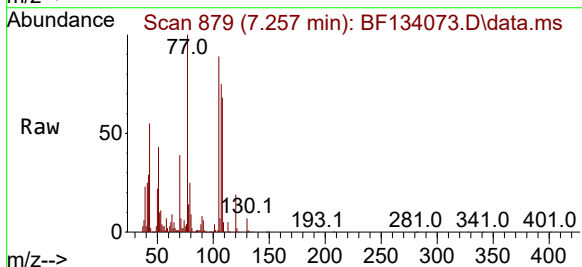


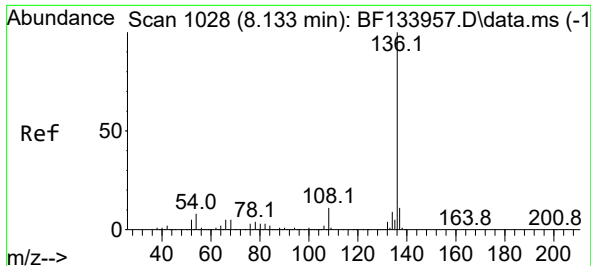
Tgt Ion: 70 Resp: 194583
Ion Ratio Lower Upper
70 100
42 69.8 54.7 82.1
101 9.5 7.7 11.5
130 20.5 16.4 24.6



#20
3+4-Methylphenols
Concen: 39.022 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

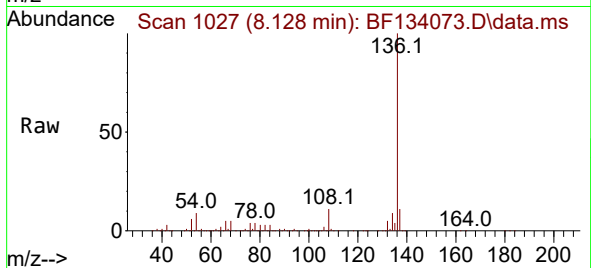
Tgt Ion: 107 Resp: 286612
Ion Ratio Lower Upper
107 100
108 91.4 73.2 113.2
77 133.8 118.3 158.3
79 32.9 14.7 54.7





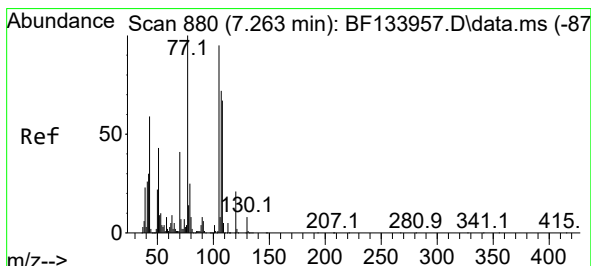
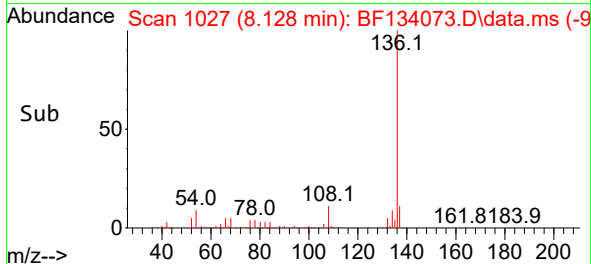
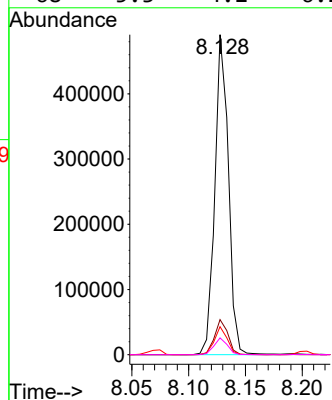
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 407794

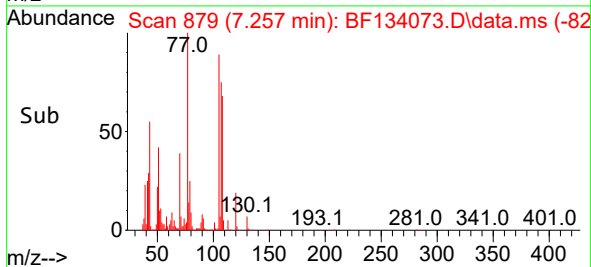
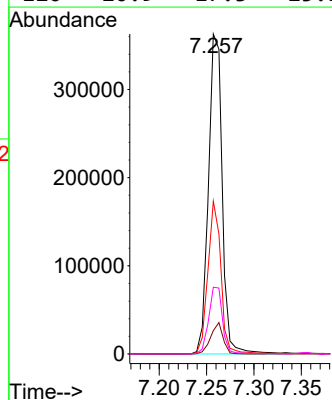
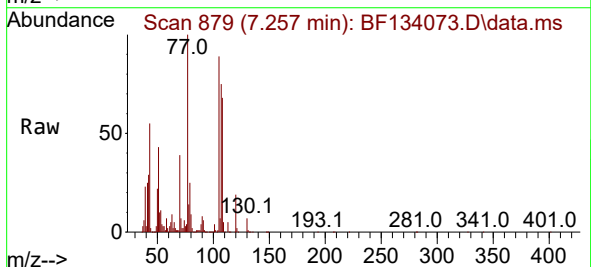
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	8.7	6.5	9.7
68	5.3	4.2	6.2

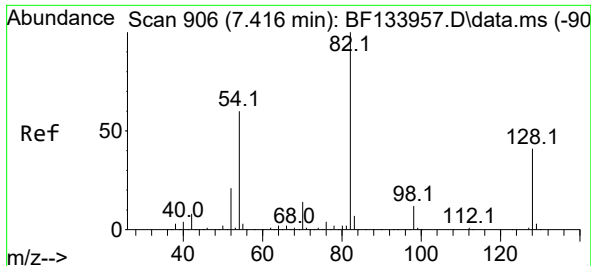


#22
Acetophenone
Concen: 39.559 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

Tgt Ion:105 Resp: 366879

Ion	Ratio	Lower	Upper
105	100		
71	7.3	5.5	8.3
51	47.7	36.5	54.7
120	20.9	17.3	25.9





#23

Nitrobenzene-d5

Concen: 80.760 ng

RT: 7.416 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

Instrument :

BNA_F

ClientSampleId :

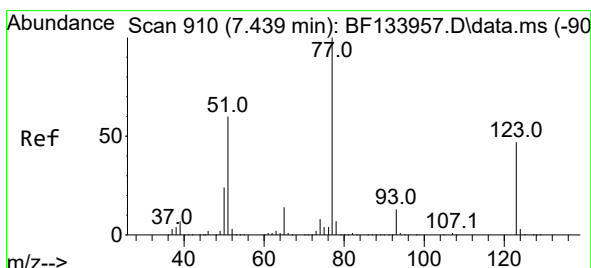
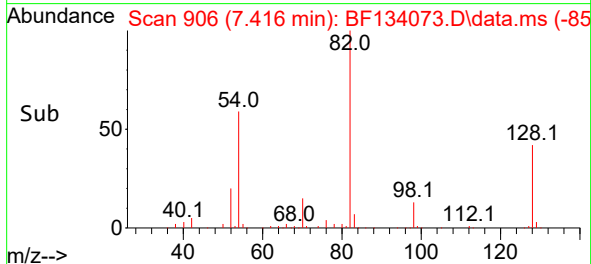
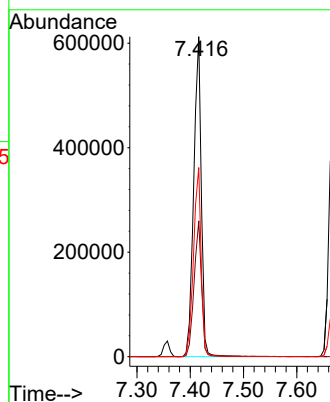
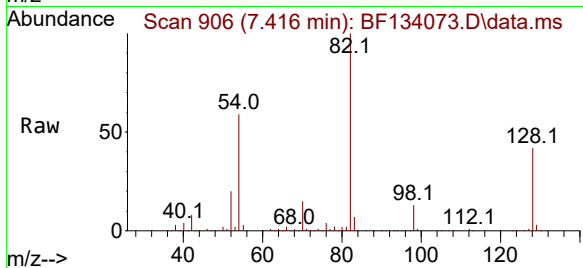
Tgt Ion: 82 Resp: 610952

Ion Ratio Lower Upper

82 100

128 42.4 32.5 48.7

54 59.1 48.2 72.2



#24

Nitrobenzene

Concen: 40.052 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

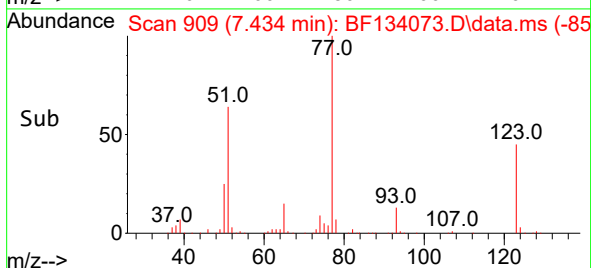
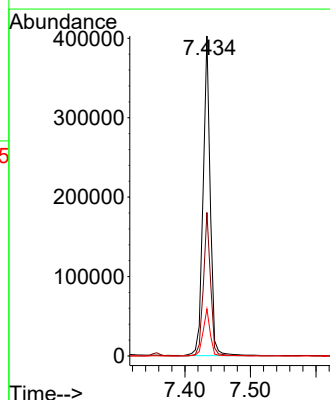
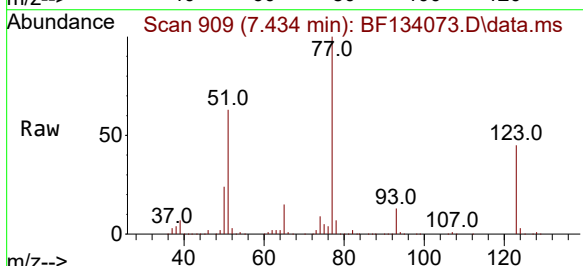
Tgt Ion: 77 Resp: 306181

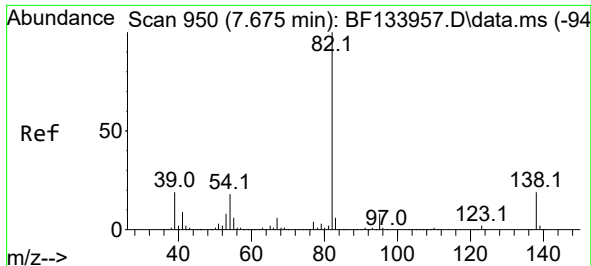
Ion Ratio Lower Upper

77 100

123 44.9 37.8 56.6

65 14.7 11.3 16.9

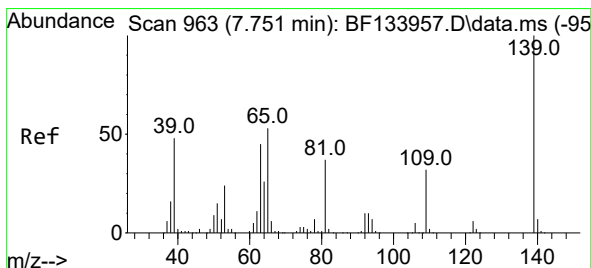
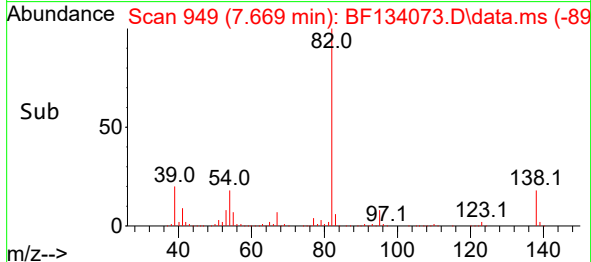
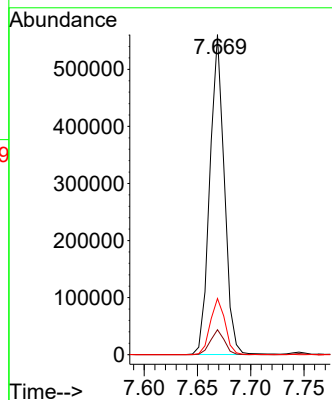
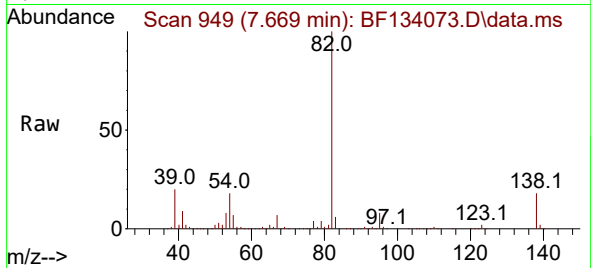




#25
Isophorone
Concen: 38.573 ng
RT: 7.669 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

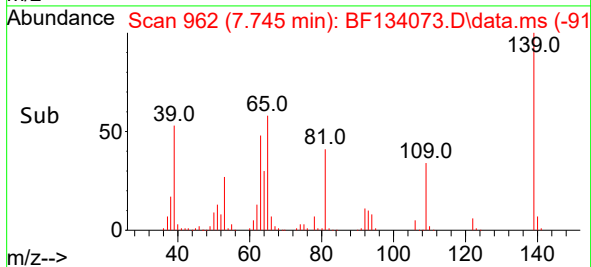
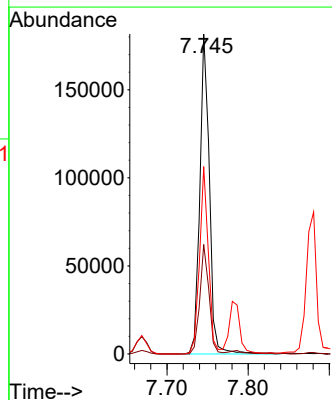
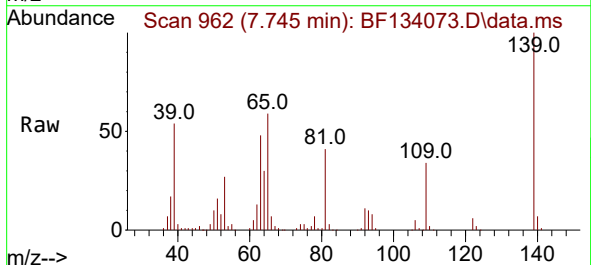
Instrument :
BNA_F
ClientSampleId :

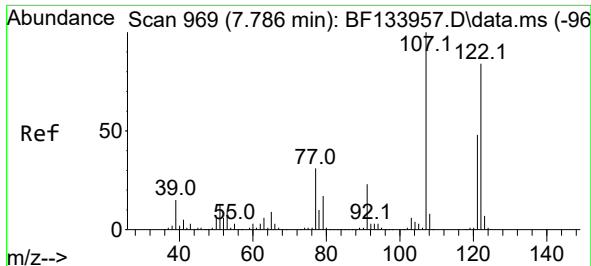
Tgt Ion: 82 Resp: 530332
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 17.5 15.2 22.8



#26
2-Nitrophenol
Concen: 40.750 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

Tgt Ion:139 Resp: 149440
Ion Ratio Lower Upper
139 100
109 34.2 25.8 38.8
65 58.5 42.4 63.6

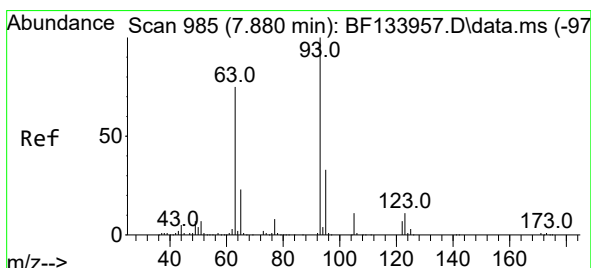
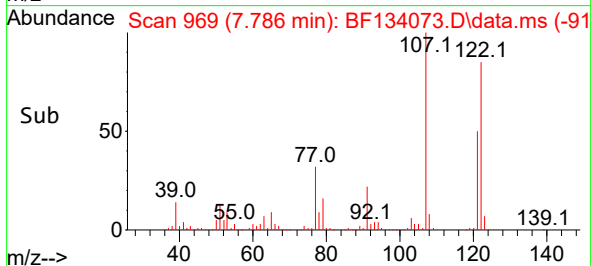
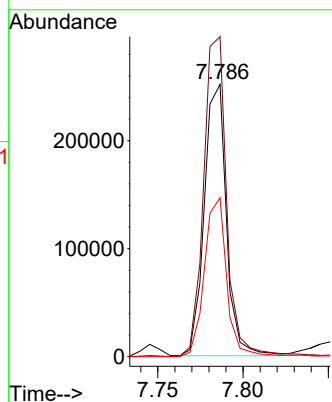
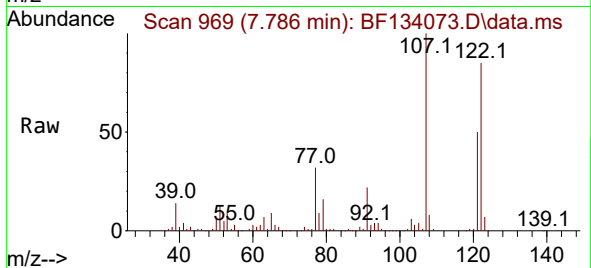




#27
2,4-Dimethylphenol
Concen: 39.047 ng
RT: 7.786 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

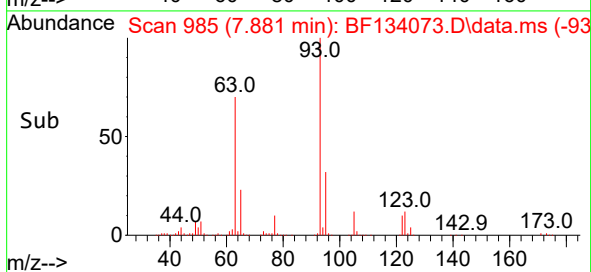
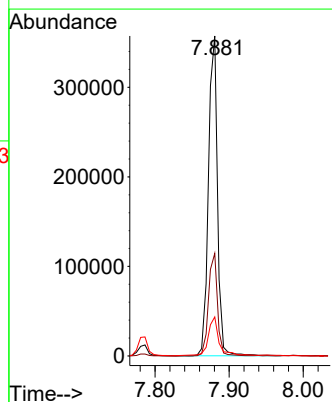
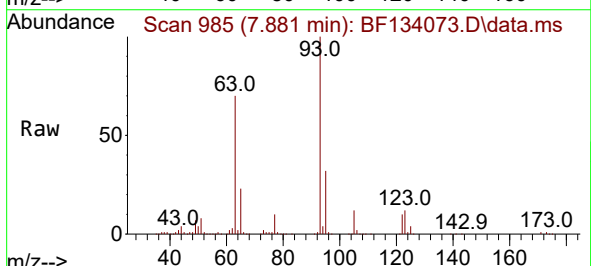
Instrument :
BNA_F
ClientSampleId :

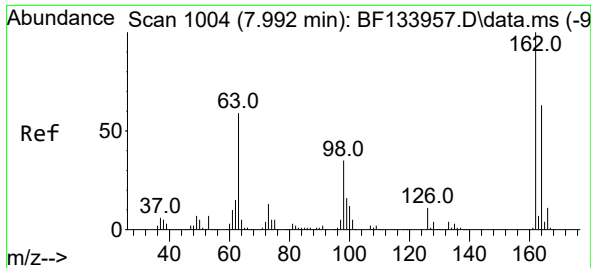
Tgt Ion:122 Resp: 226666
Ion Ratio Lower Upper
122 100
107 117.5 95.5 143.3
121 58.3 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 38.150 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

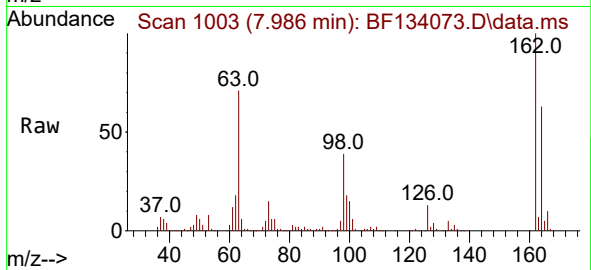
Tgt Ion: 93 Resp: 303716
Ion Ratio Lower Upper
93 100
95 32.1 26.5 39.7
123 12.2 9.1 13.7



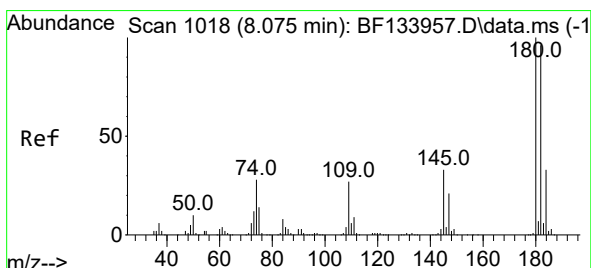
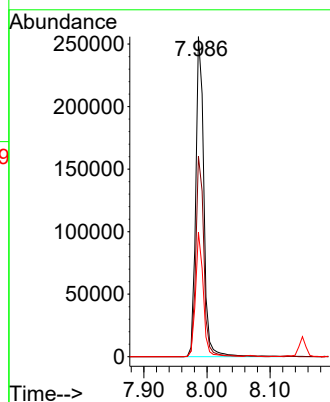
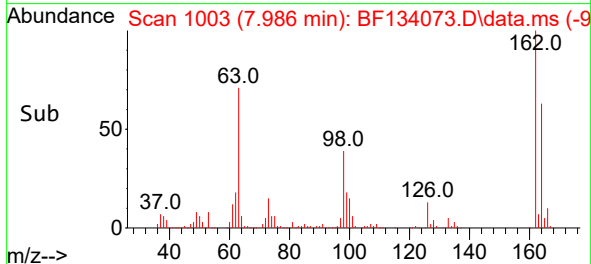


#29
2,4-Dichlorophenol
Concen: 39.472 ng
RT: 7.986 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

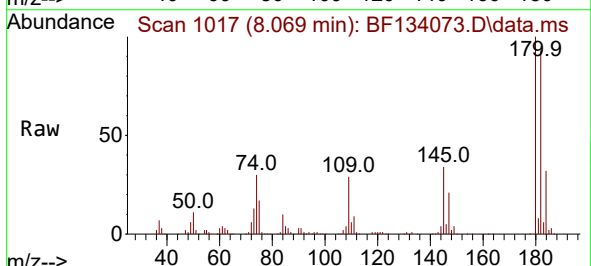
Instrument :
BNA_F
ClientSampleId :



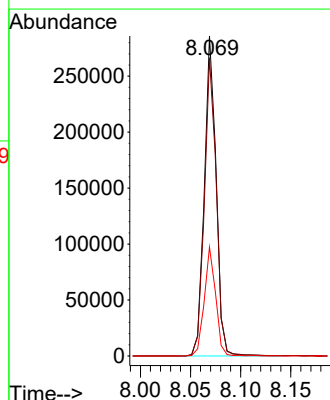
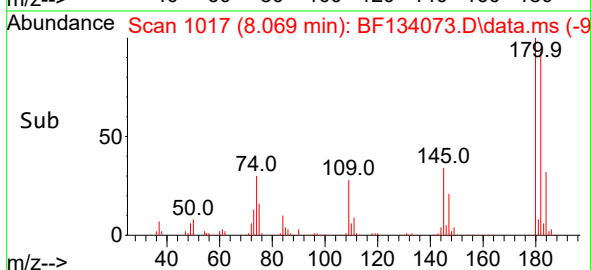
Tgt Ion:162 Resp: 227215
Ion Ratio Lower Upper
162 100
164 62.6 43.2 83.2
98 38.9 14.9 54.9

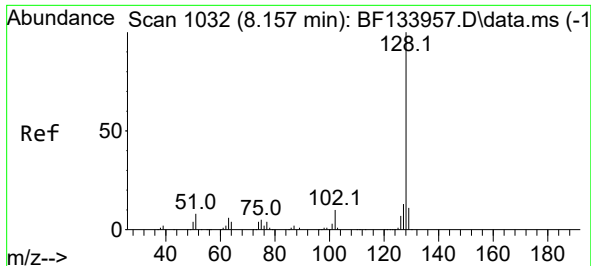


#30
1,2,4-Trichlorobenzene
Concen: 39.505 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31



Tgt Ion:180 Resp: 234646
Ion Ratio Lower Upper
180 100
182 93.2 77.1 115.7
145 34.0 26.0 39.0

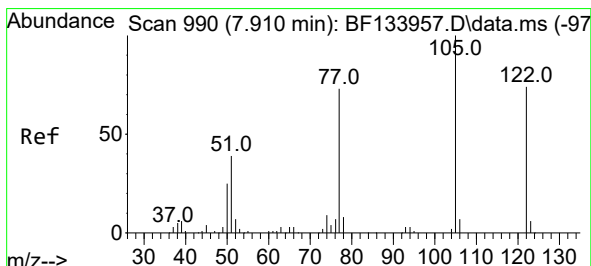
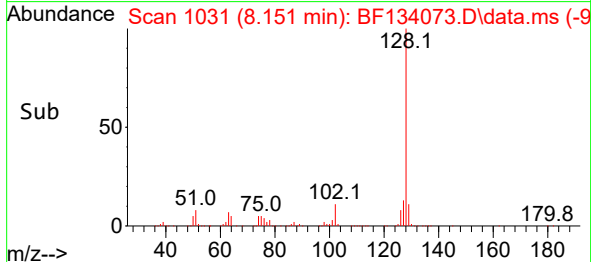
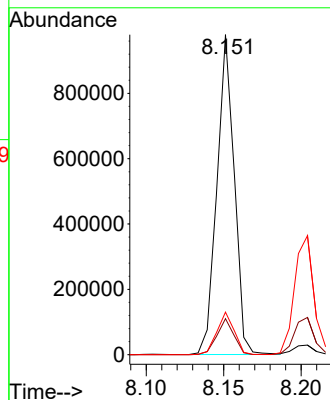
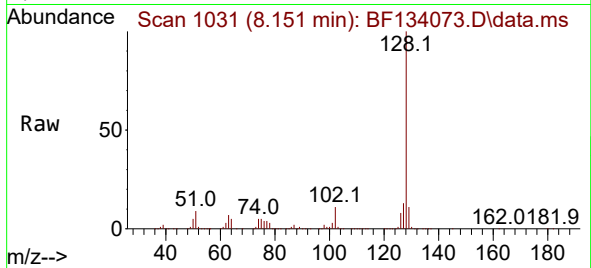




#31
Naphthalene
Concen: 38.699 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

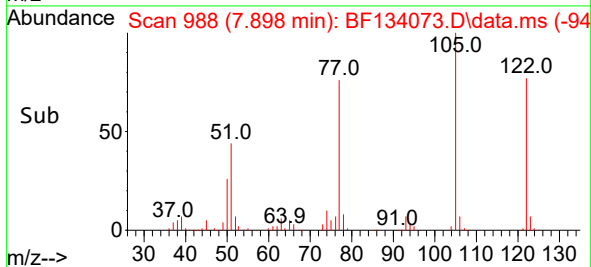
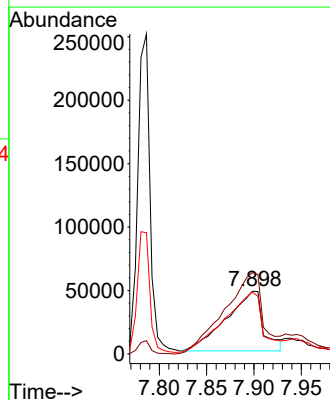
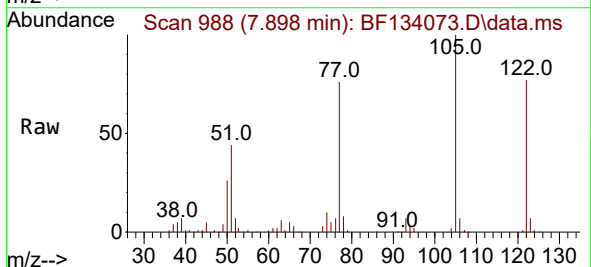
Instrument :
BNA_F
ClientSampleId :

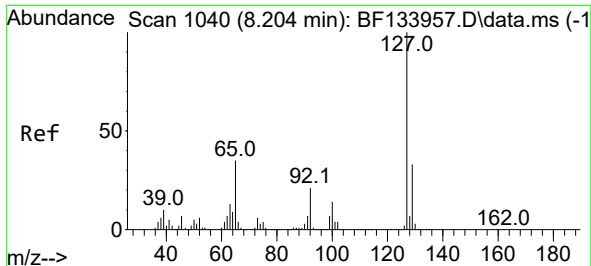
Tgt Ion:128 Resp: 762281
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 29.499 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.018 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

Tgt Ion:122 Resp: 128315
Ion Ratio Lower Upper
122 100
105 129.8 109.7 149.7
77 98.8 76.0 116.0

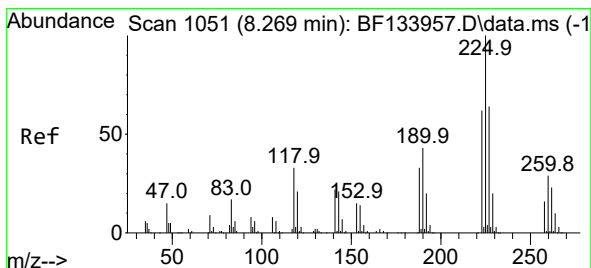
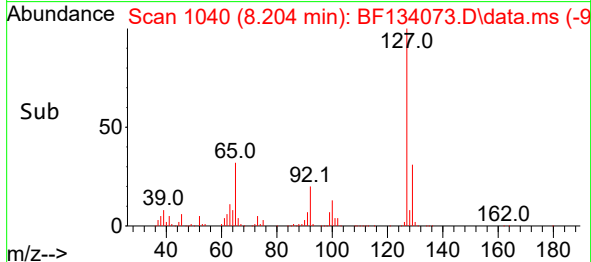
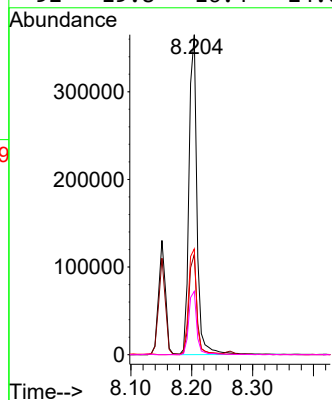
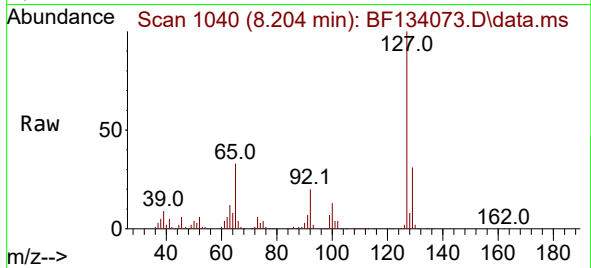




#33
4-Chloroaniline
Concen: 39.460 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

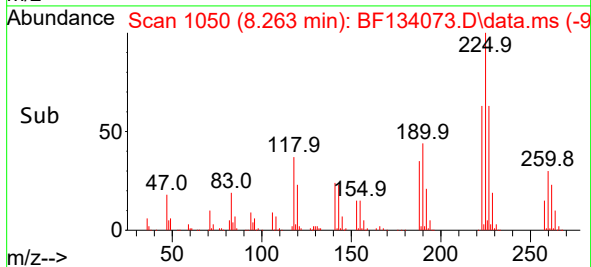
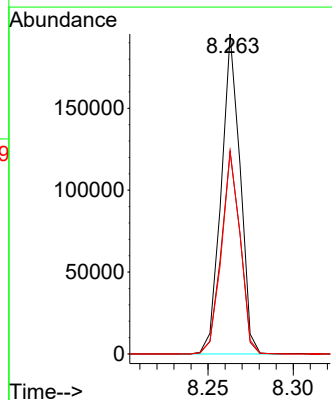
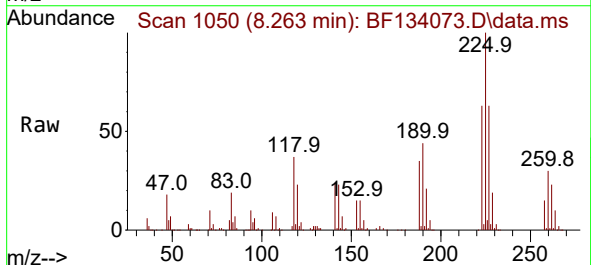
Instrument :
BNA_F
ClientSampleId :

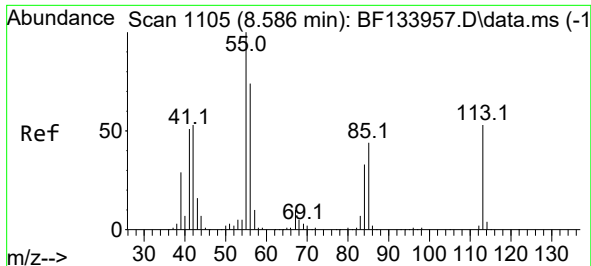
Tgt	Ion:127	Resp:	332490
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.4	39.6
65	33.1	27.8	41.8
92	19.8	16.4	24.6



#34
Hexachlorobutadiene
Concen: 40.126 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

Tgt	Ion:225	Resp:	150340
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.8	74.8
227	63.2	51.0	76.4

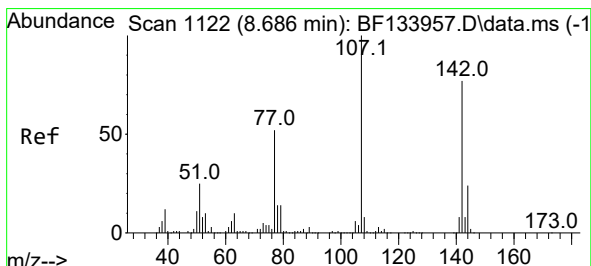
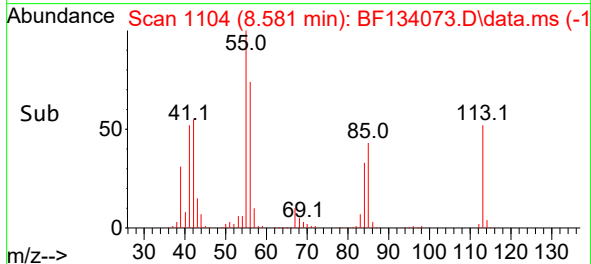
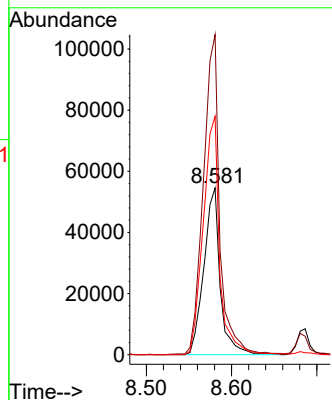
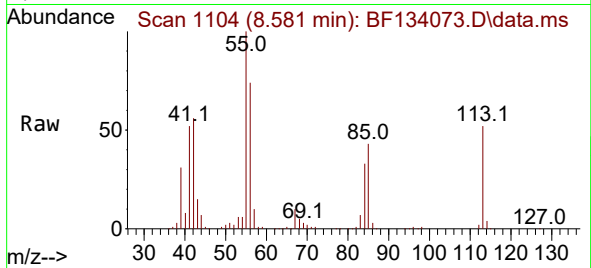




#35
 Caprolactam
 Concen: 38.148 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. -0.012 min
 Lab File: BF134073.D
 Acq: 05 Jul 2023 18:31

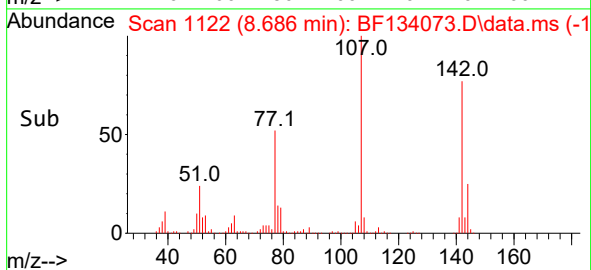
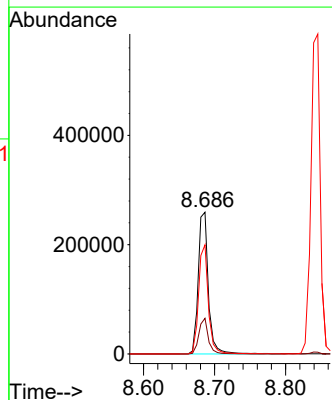
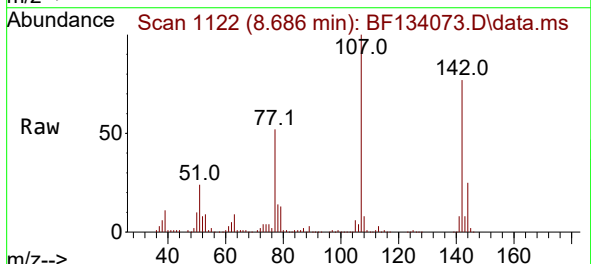
Instrument :
 BNA_F
 ClientSampleId :

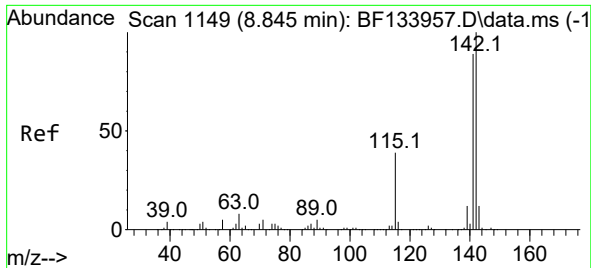
Tgt Ion:113 Resp: 72304
 Ion Ratio Lower Upper
 113 100
 55 191.8 170.2 210.2
 56 142.9 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 40.083 ng
 RT: 8.686 min Scan# 1122
 Delta R.T. -0.000 min
 Lab File: BF134073.D
 Acq: 05 Jul 2023 18:31

Tgt Ion:107 Resp: 259203
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.6 29.4
 142 77.0 61.4 92.2

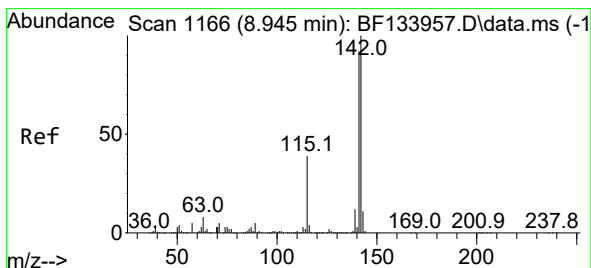
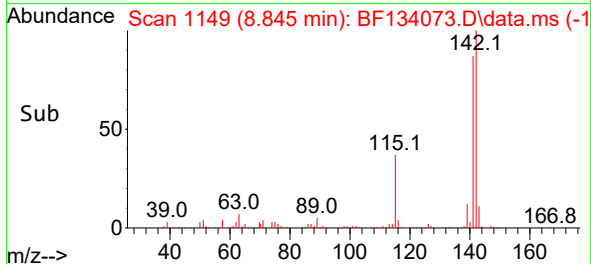
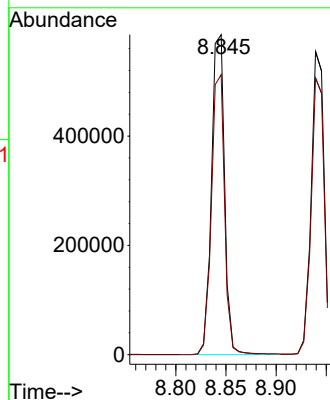
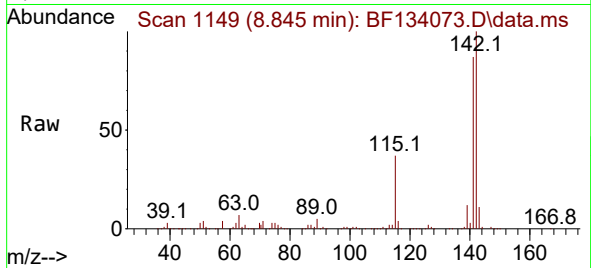




#37
2-Methylnaphthalene
Concen: 38.450 ng
RT: 8.845 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

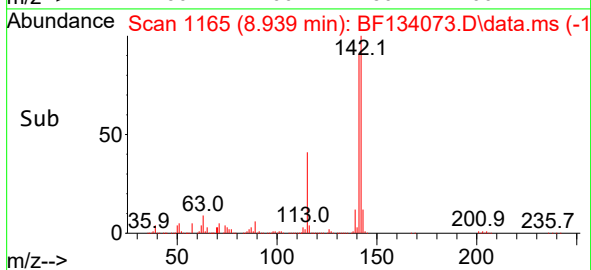
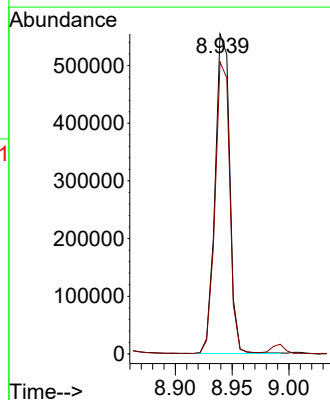
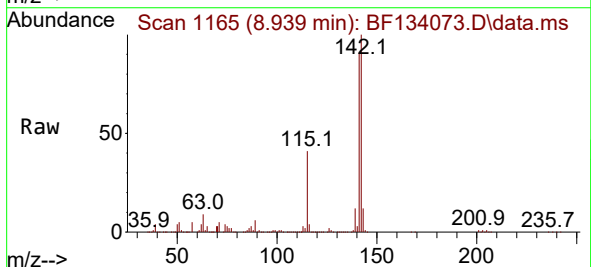
Instrument :
BNA_F
ClientSampleId :

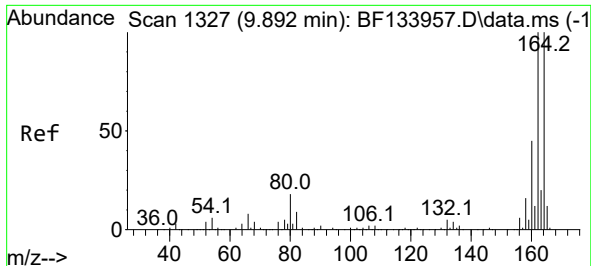
Tgt Ion:142 Resp: 535582
Ion Ratio Lower Upper
142 100
141 87.5 71.0 106.4



#38
1-Methylnaphthalene
Concen: 38.391 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

Tgt Ion:142 Resp: 497142
Ion Ratio Lower Upper
142 100
141 91.2 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.006 min

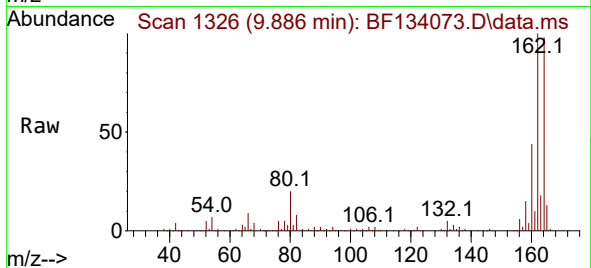
Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

Instrument :

BNA_F

ClientSampleId :



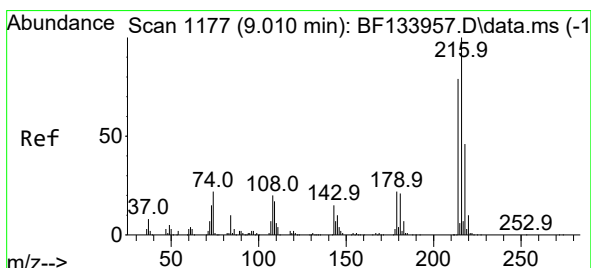
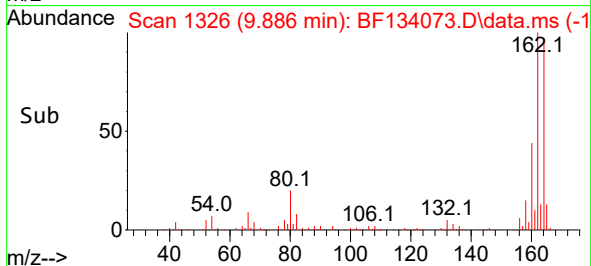
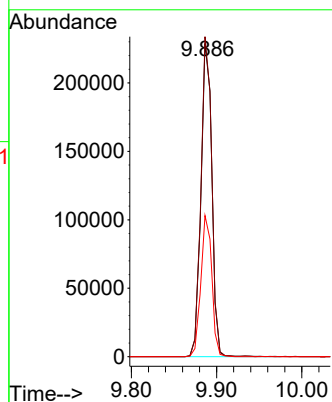
Tgt Ion:164 Resp: 203417

Ion Ratio Lower Upper

164 100

162 102.1 80.0 120.0

160 45.0 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.991 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

Tgt Ion:216 Resp: 241005

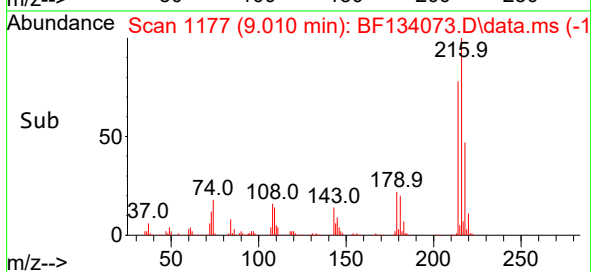
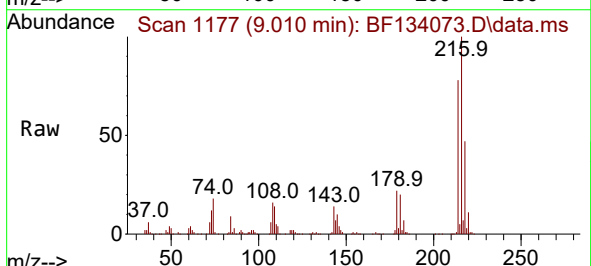
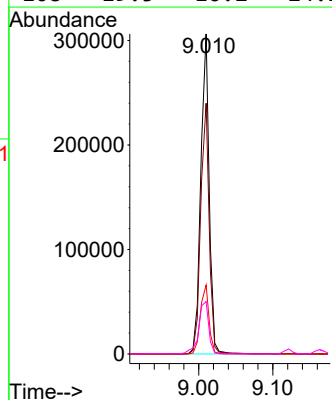
Ion Ratio Lower Upper

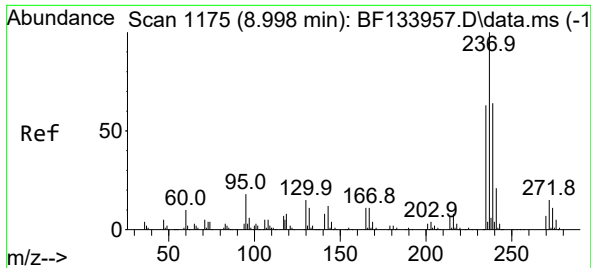
216 100

214 78.7 64.1 96.1

179 22.1 17.3 25.9

108 19.5 16.2 24.2

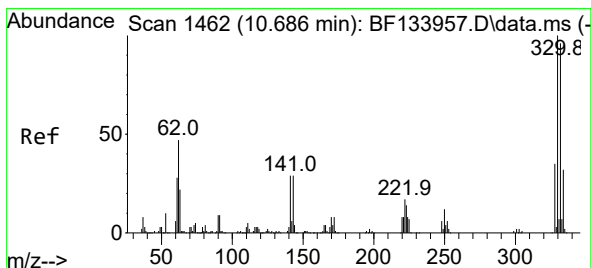
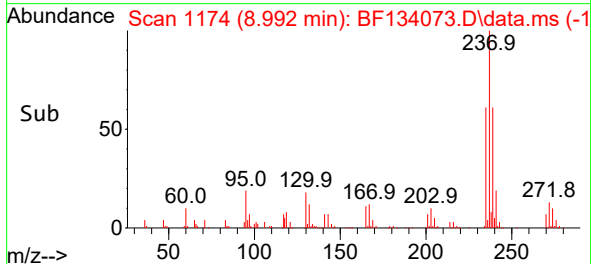
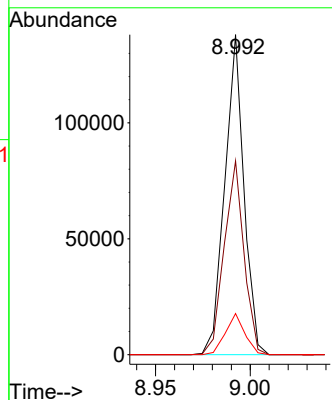
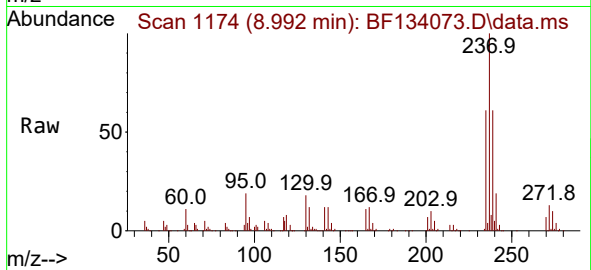




#41
Hexachlorocyclopentadiene
Concen: 33.982 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

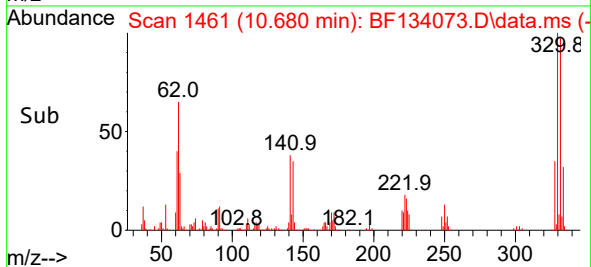
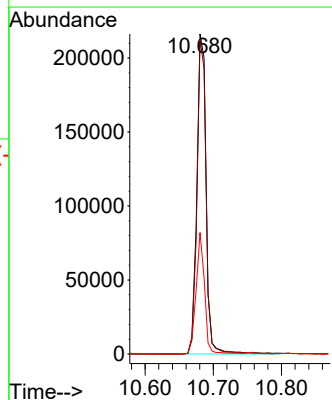
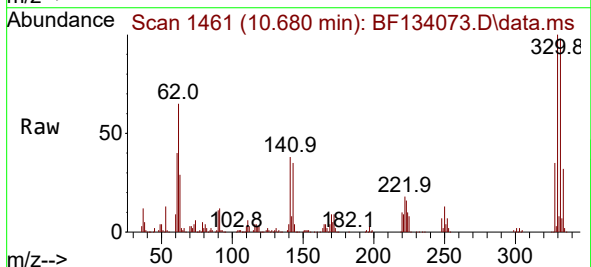
Instrument :
BNA_F
ClientSampleId :

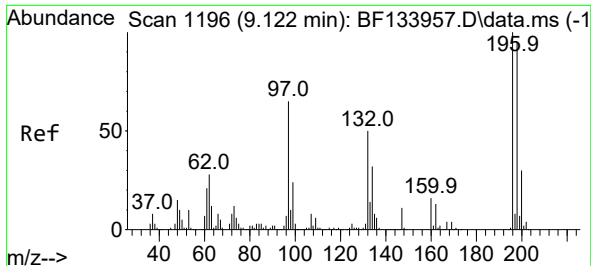
Tgt Ion:237 Resp: 97158
Ion Ratio Lower Upper
237 100
235 60.6 42.8 82.8
272 12.8 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 80.050 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

Tgt Ion:330 Resp: 204163
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 34.6 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 39.172 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

Instrument :

BNA_F

ClientSampleId :

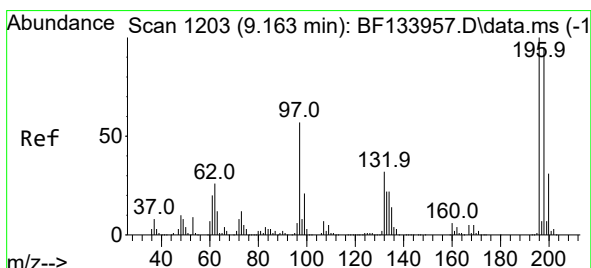
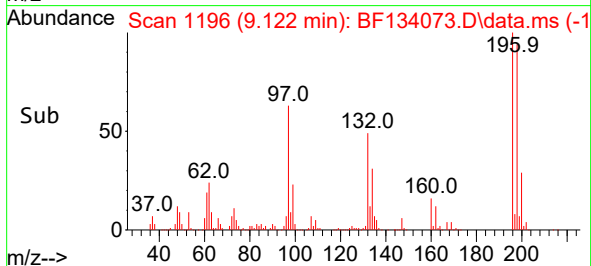
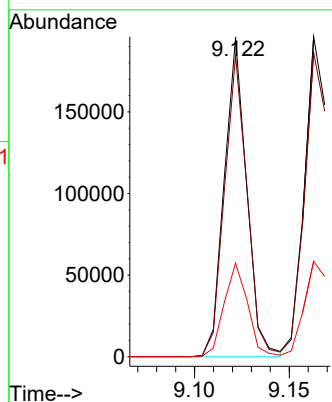
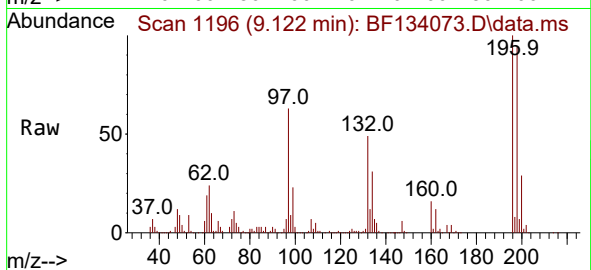
Tgt Ion:196 Resp: 160706

Ion Ratio Lower Upper

196 100

198 94.3 75.6 113.4

200 29.3 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 38.530 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

Tgt Ion:196 Resp: 185937

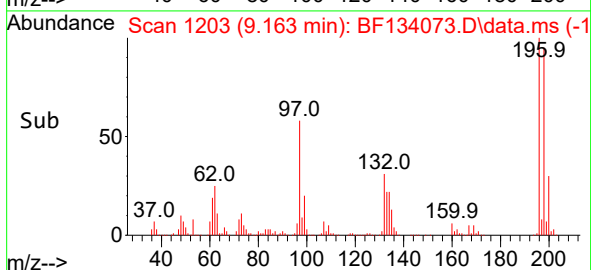
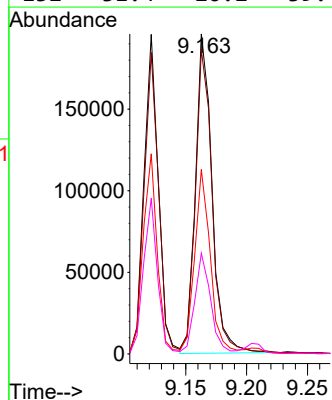
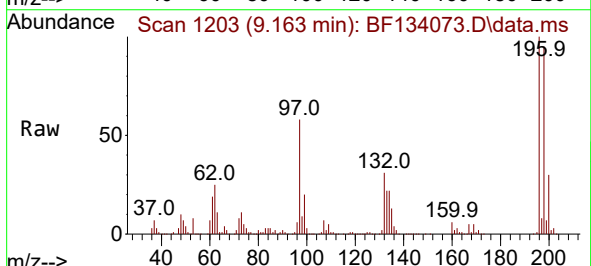
Ion Ratio Lower Upper

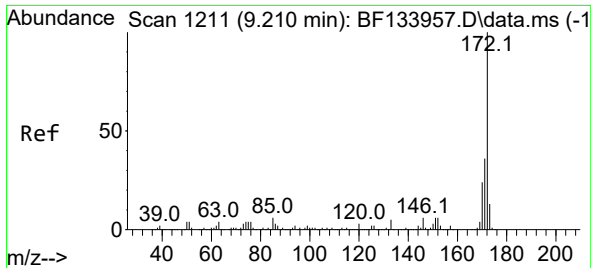
196 100

198 95.1 75.7 113.5

97 57.6 45.8 68.6

132 31.4 26.2 39.4

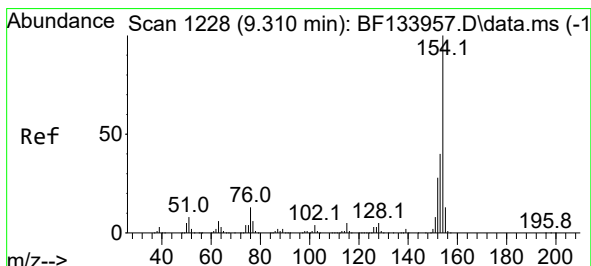
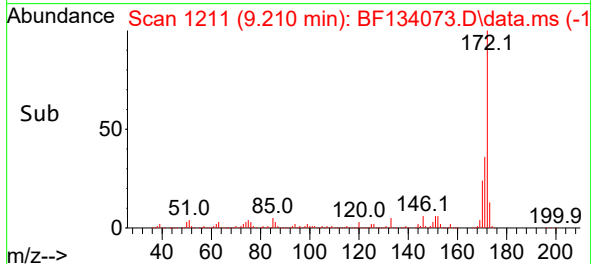
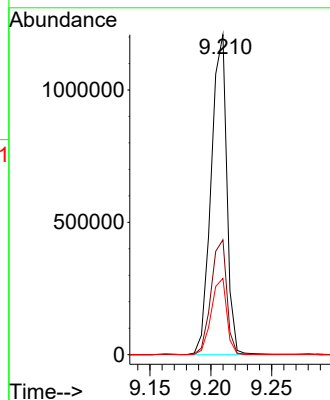
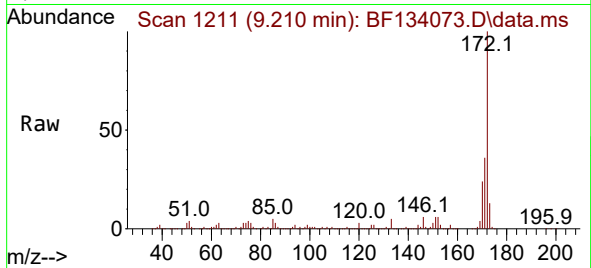




#45
2-Fluorobiphenyl
Concen: 77.418 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

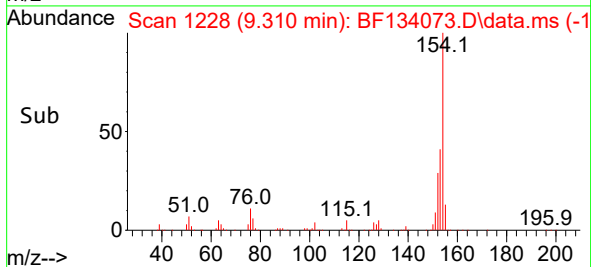
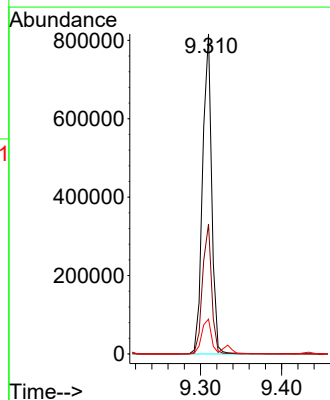
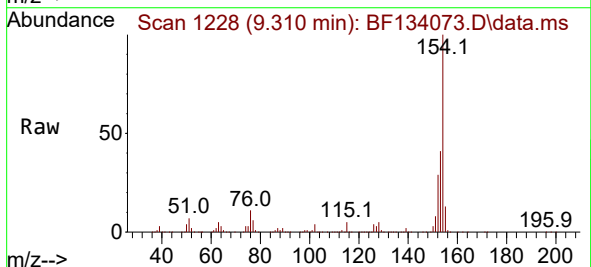
Instrument :
BNA_F
ClientSampleId :

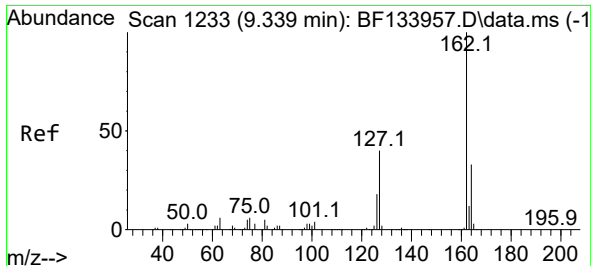
Tgt Ion:172 Resp: 1083172
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.9 19.4 29.0



#46
1,1'-Biphenyl
Concen: 39.069 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

Tgt Ion:154 Resp: 637496
Ion Ratio Lower Upper
154 100
153 40.6 19.8 59.8
76 10.9 0.0 32.9





#47

2-Chloronaphthalene

Concen: 38.606 ng

RT: 9.333 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

Instrument :

BNA_F

ClientSampleId :

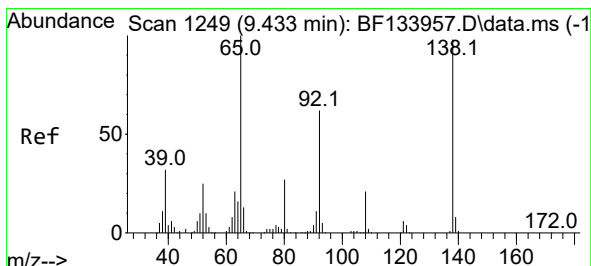
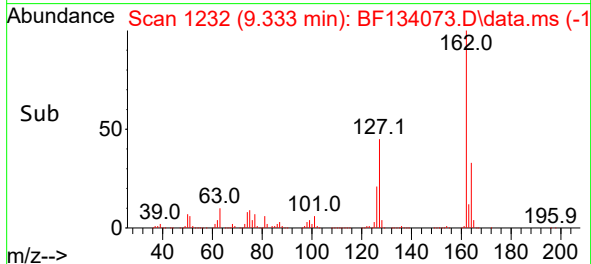
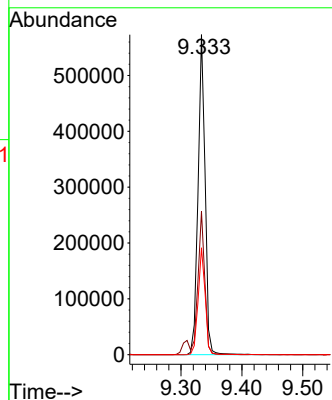
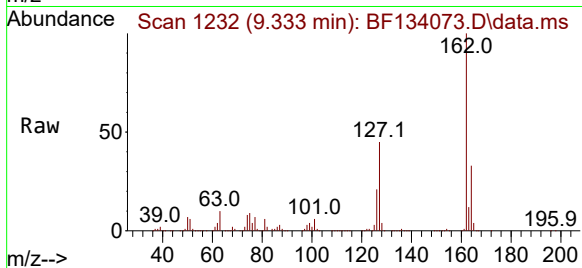
Tgt Ion:162 Resp: 460913

Ion Ratio Lower Upper

162 100

127 44.8 32.9 49.3

164 33.4 26.1 39.1



#48

2-Nitroaniline

Concen: 40.367 ng

RT: 9.433 min Scan# 1249

Delta R.T. -0.006 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

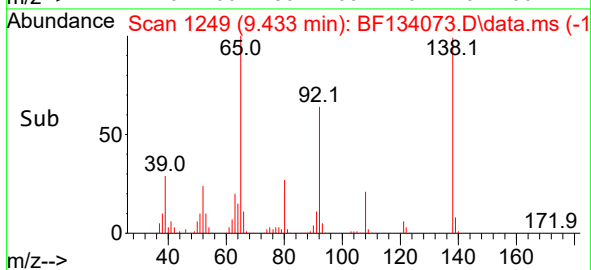
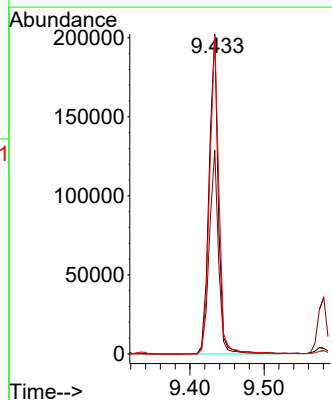
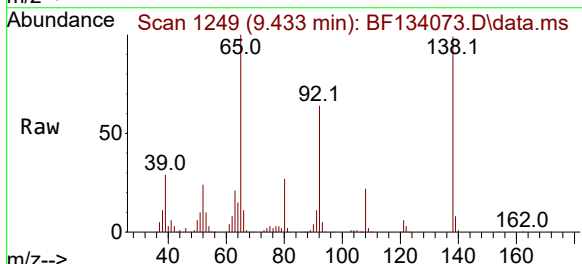
Tgt Ion: 65 Resp: 175640

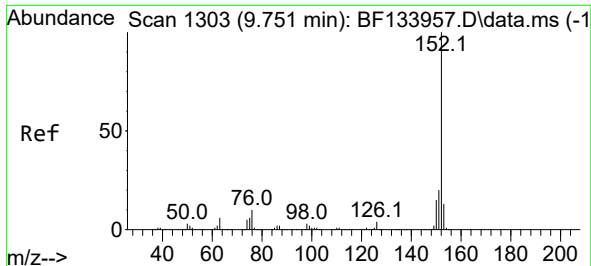
Ion Ratio Lower Upper

65 100

92 63.7 49.5 74.3

138 99.4 78.0 117.0





#49

Acenaphthylene

Concen: 38.455 ng

RT: 9.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

Instrument :

BNA_F

ClientSampleId :

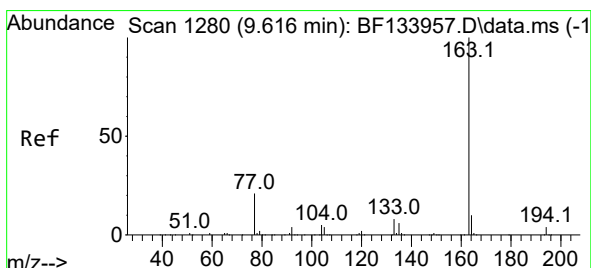
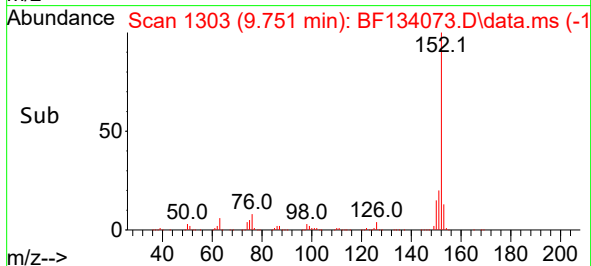
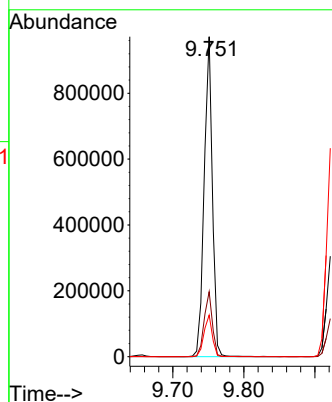
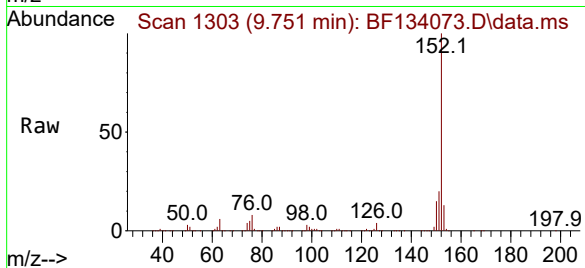
Tgt Ion:152 Resp: 784269

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.0 10.8 16.2



#50

Dimethylphthalate

Concen: 38.535 ng

RT: 9.610 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

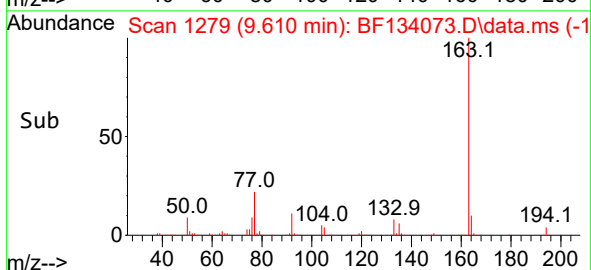
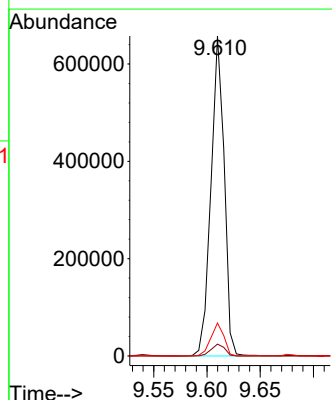
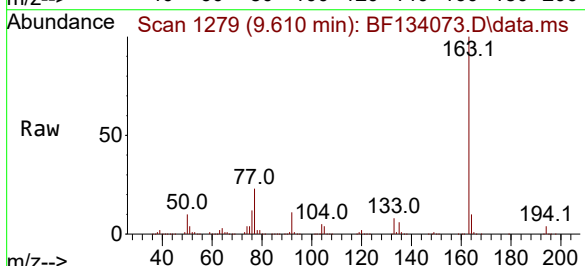
Tgt Ion:163 Resp: 569006

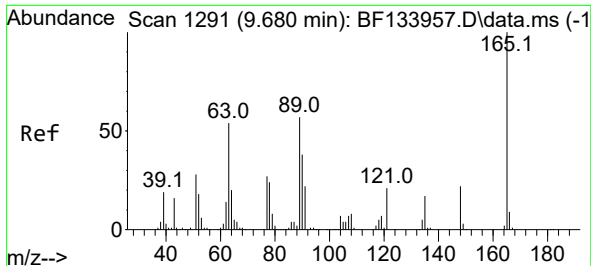
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

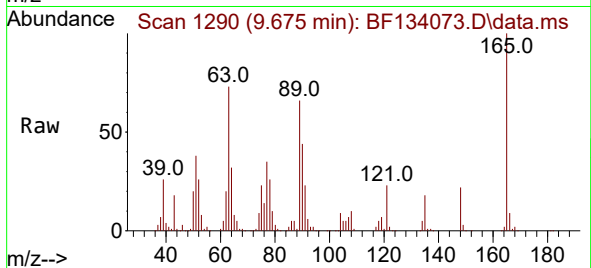
164 10.3 8.2 12.2



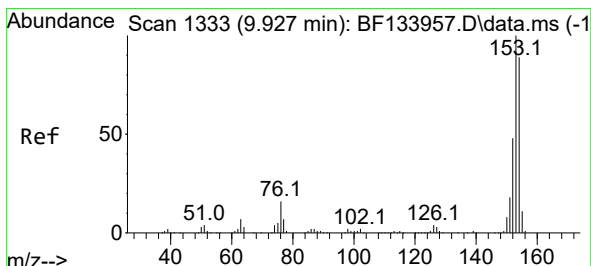
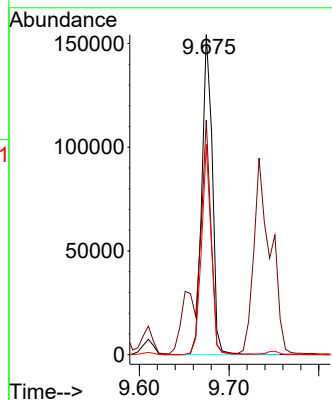
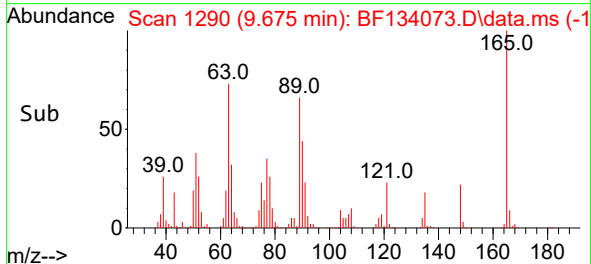


#51
2,6-Dinitrotoluene
Concen: 39.326 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

Instrument :
BNA_F
ClientSampleId :

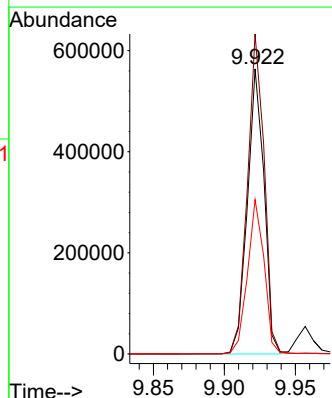
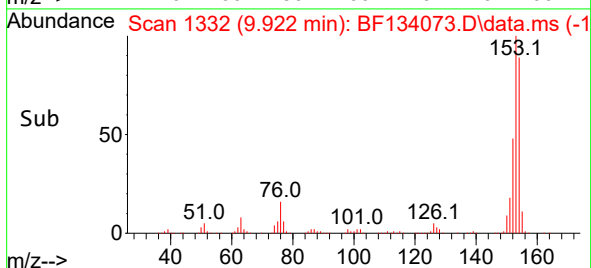
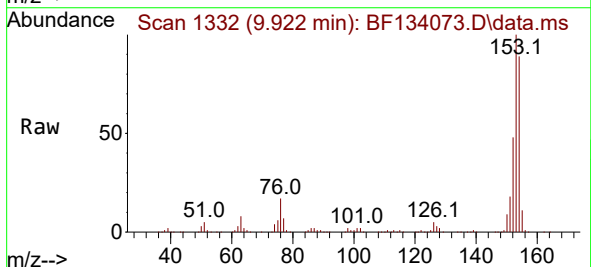


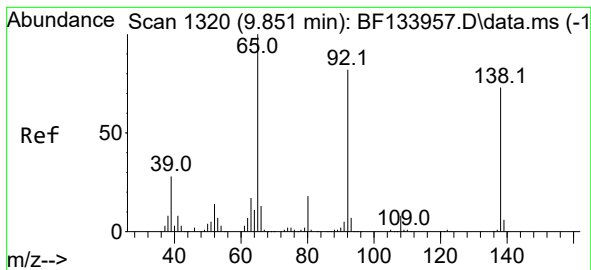
Tgt Ion:165 Resp: 125071
Ion Ratio Lower Upper
165 100
63 73.4 48.5 72.7#
89 65.7 45.5 68.3



#52
Acenaphthene
Concen: 38.788 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

Tgt Ion:154 Resp: 459019
Ion Ratio Lower Upper
154 100
153 112.2 89.4 134.2
152 54.1 42.8 64.2





#53

3-Nitroaniline

Concen: 39.607 ng

RT: 9.845 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

Instrument :

BNA_F

ClientSampleId :

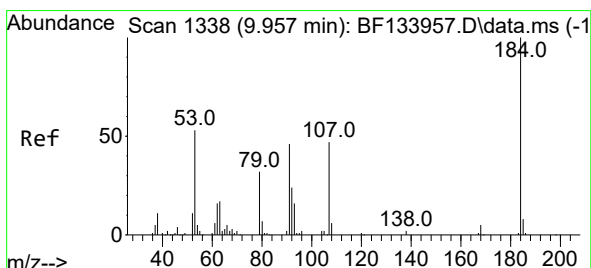
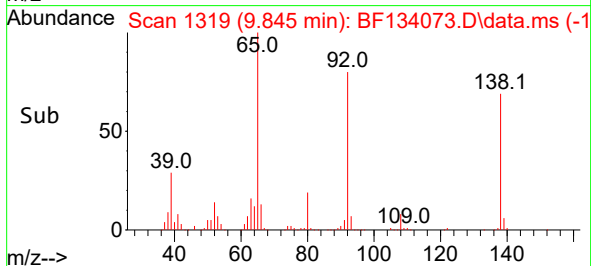
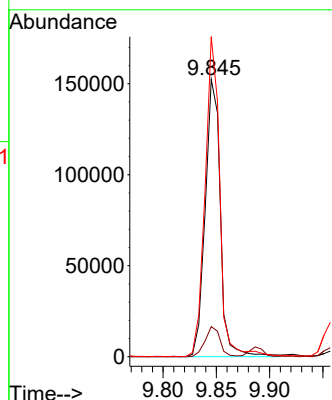
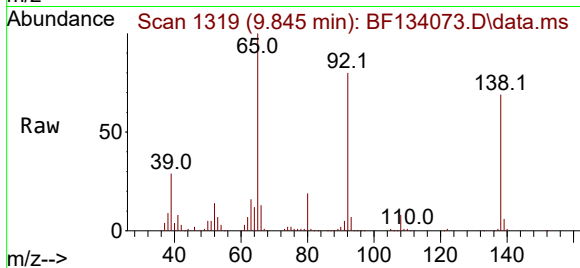
Tgt Ion:138 Resp: 151117

Ion Ratio Lower Upper

138 100

108 10.9 8.4 12.6

92 115.4 90.1 135.1



#54

2,4-Dinitrophenol

Concen: 36.376 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

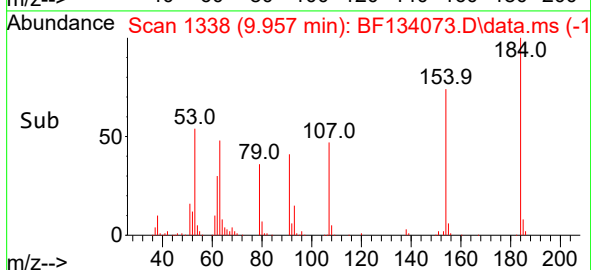
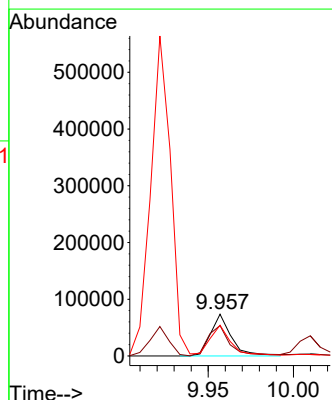
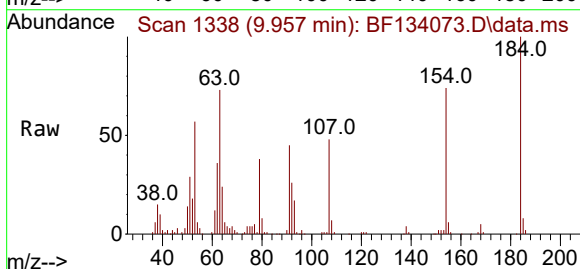
Tgt Ion:184 Resp: 62746

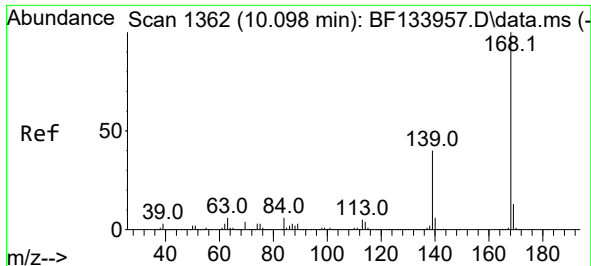
Ion Ratio Lower Upper

184 100

63 72.8 56.9 85.3

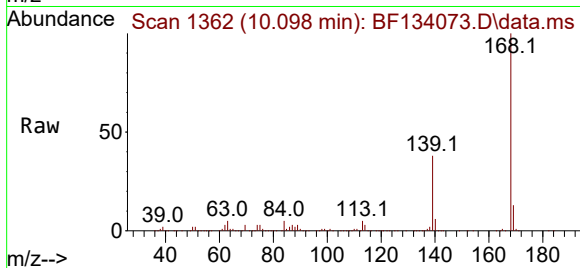
154 73.8 55.4 83.0



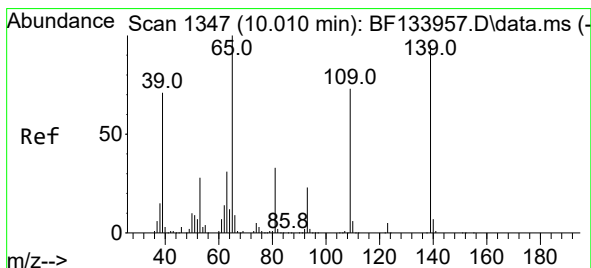
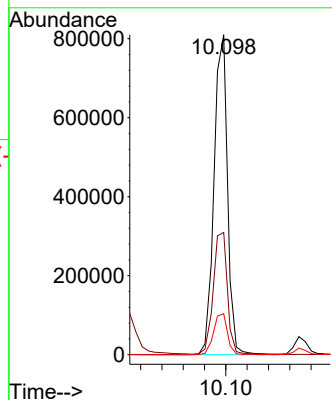
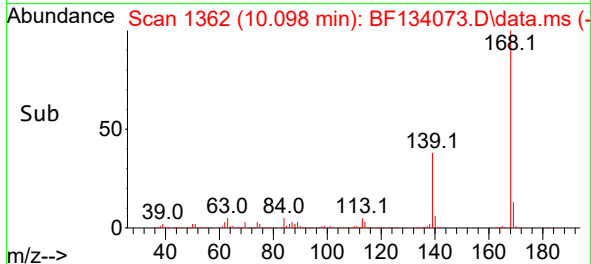


#55
Dibenzofuran
Concen: 38.457 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

Instrument :
BNA_F
ClientSampleId :

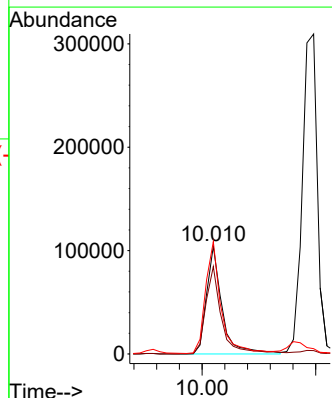
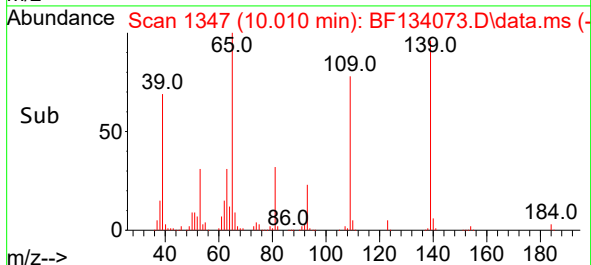
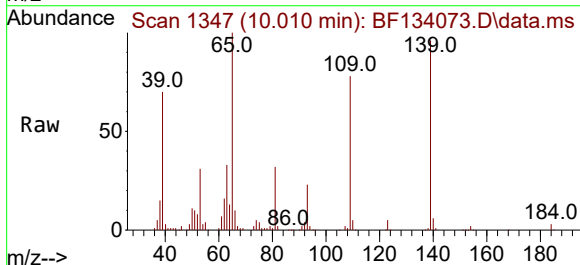


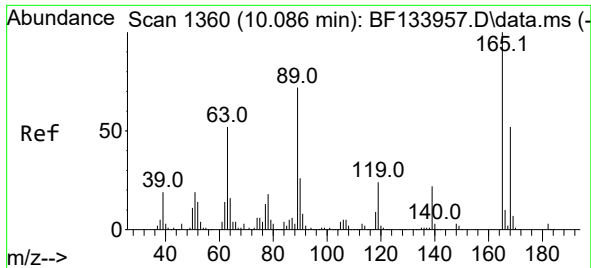
Tgt Ion:168 Resp: 711256
Ion Ratio Lower Upper
168 100
139 38.2 32.0 48.0
169 12.8 10.6 16.0



#56
4-Nitrophenol
Concen: 37.225 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

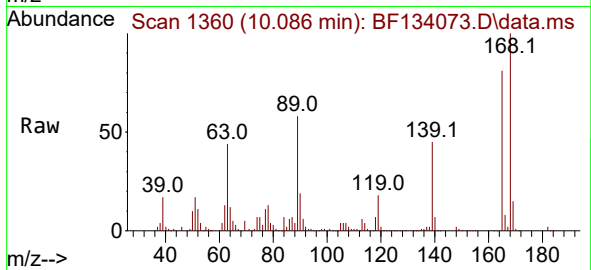
Tgt Ion:139 Resp: 99348
Ion Ratio Lower Upper
139 100
109 80.9 56.8 96.8
65 104.0 86.1 126.1



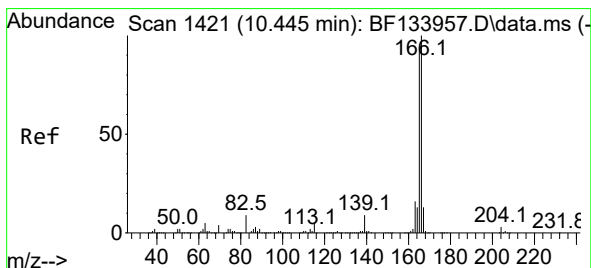
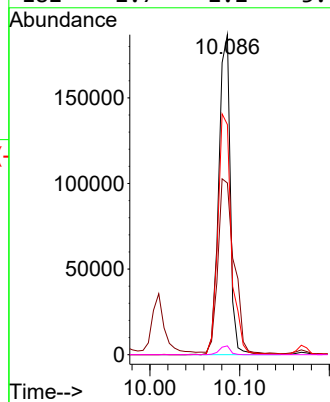
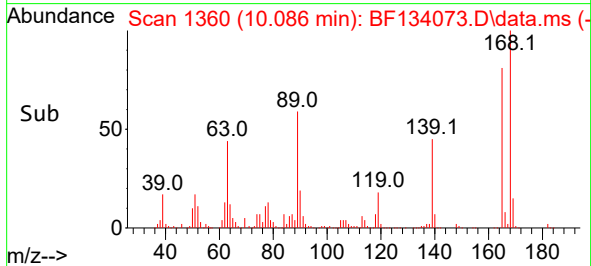


#57
2,4-Dinitrotoluene
Concen: 39.717 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

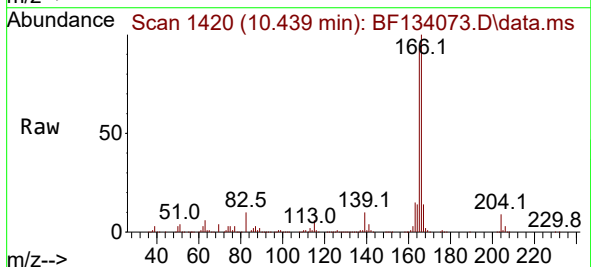
Instrument :
BNA_F
ClientSampleId :



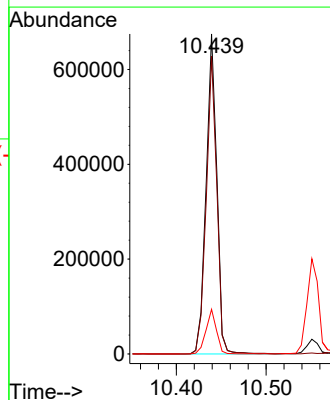
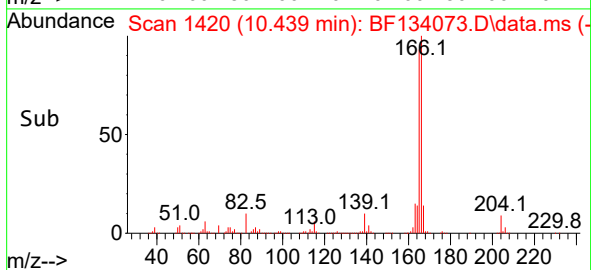
Tgt Ion:165 Resp: 166814
Ion Ratio Lower Upper
165 100
63 53.7 42.2 63.2
89 71.9 57.4 86.2
182 2.7 2.2 3.4

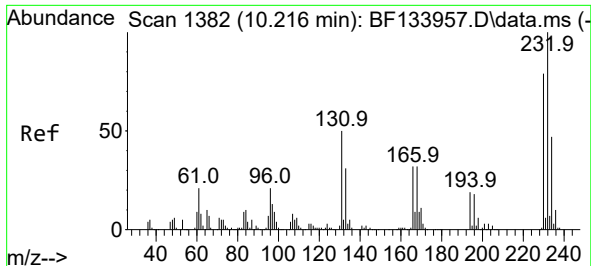


#58
Fluorene
Concen: 38.801 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31



Tgt Ion:166 Resp: 558289
Ion Ratio Lower Upper
166 100
165 93.0 75.0 112.4
167 14.0 10.6 15.8

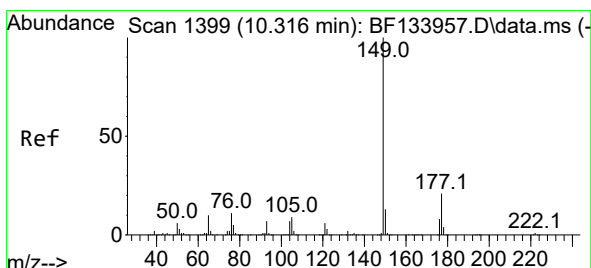
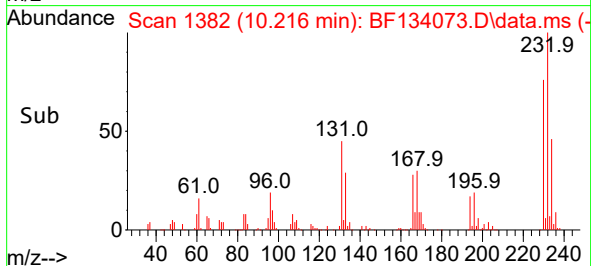
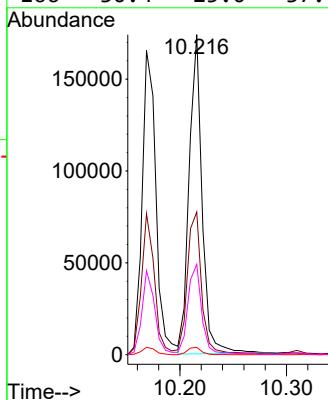
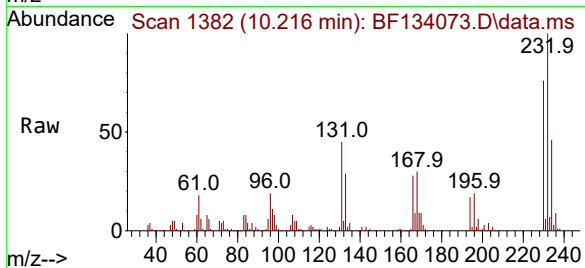




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.627 ng
RT: 10.216 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

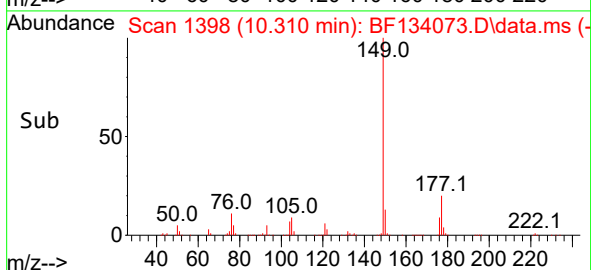
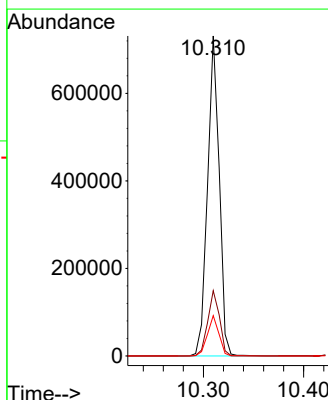
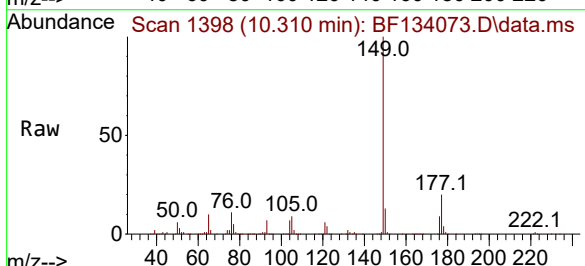
Instrument :
BNA_F
ClientSampleId :

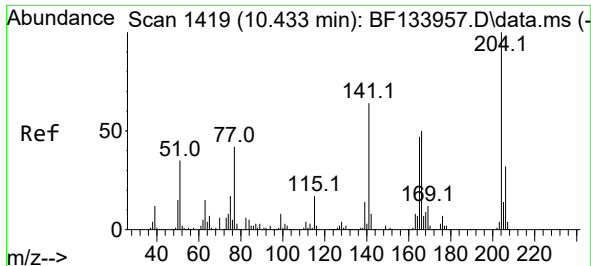
Tgt Ion:232 Resp: 147034
Ion Ratio Lower Upper
232 100
131 49.3 39.3 58.9
130 2.5 1.8 2.6
166 30.4 25.0 37.6



#60
Diethylphthalate
Concen: 38.443 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

Tgt Ion:149 Resp: 591409
Ion Ratio Lower Upper
149 100
177 20.4 17.0 25.6
150 12.6 10.2 15.2

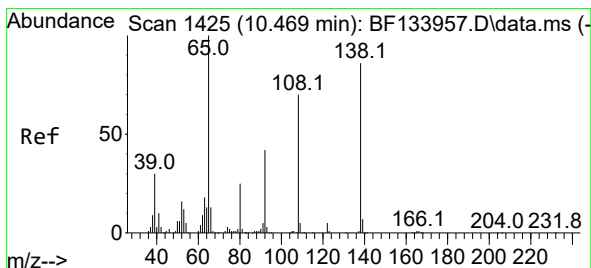
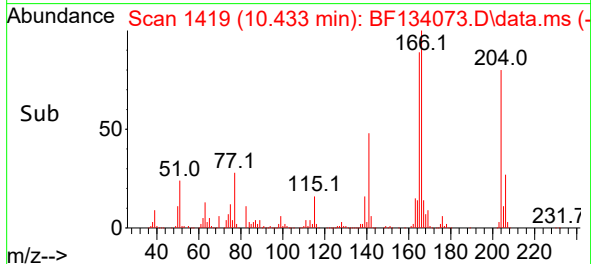
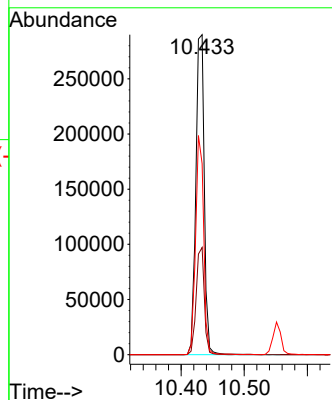
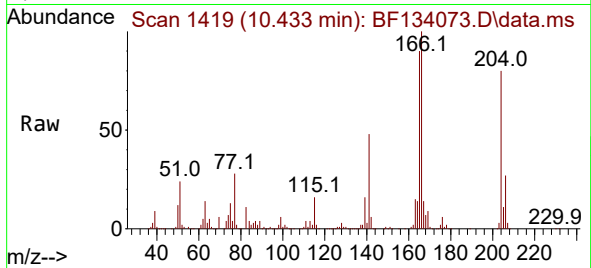




#61
4-Chlorophenyl-phenylether
Concen: 38.706 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

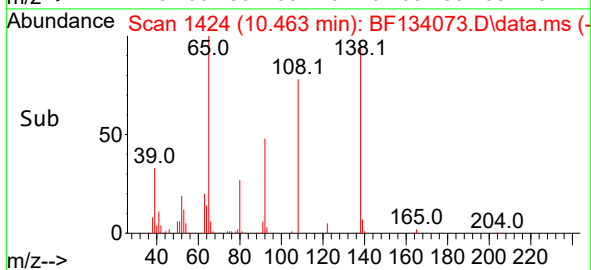
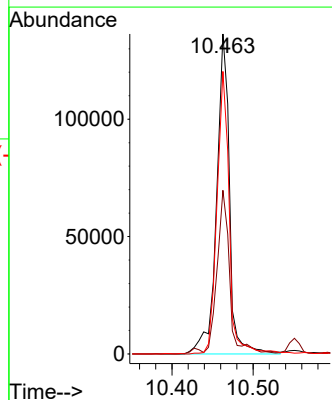
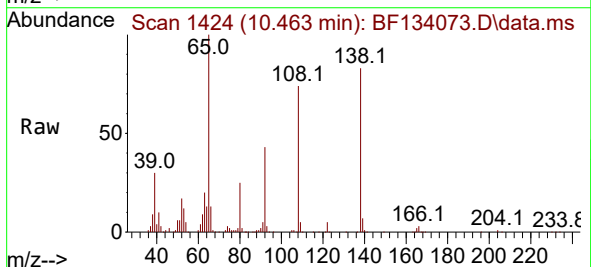
Instrument :
BNA_F
ClientSampleId :

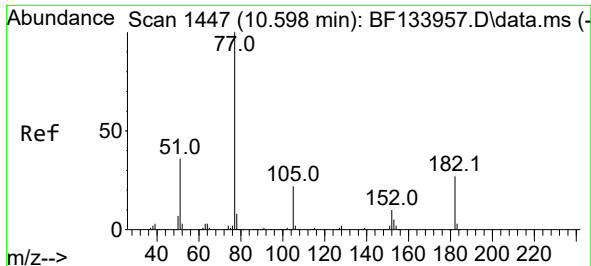
Tgt Ion:204 Resp: 268391
Ion Ratio Lower Upper
204 100
206 33.5 25.8 38.6
141 59.7 51.5 77.3



#62
4-Nitroaniline
Concen: 39.289 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

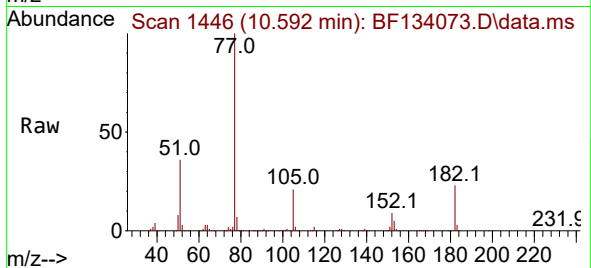
Tgt Ion:138 Resp: 151072
Ion Ratio Lower Upper
138 100
92 51.2 29.7 69.7
108 88.3 62.1 102.1



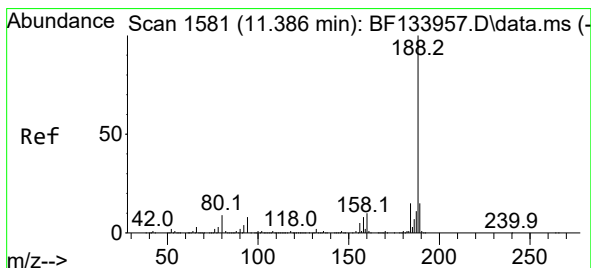
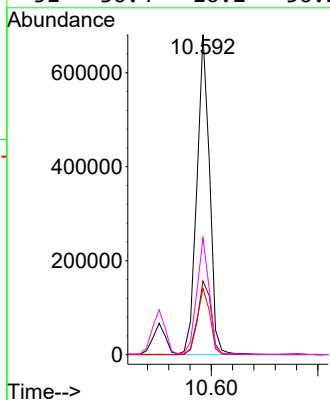
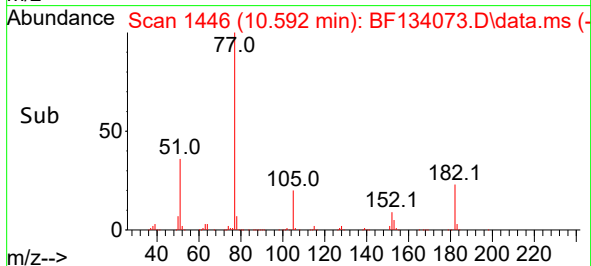


#63
Azobenzene
Concen: 38.685 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

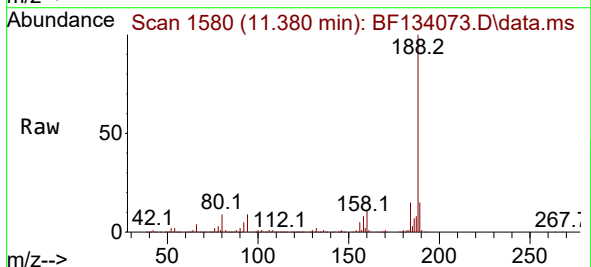
Instrument :
BNA_F
ClientSampleId :



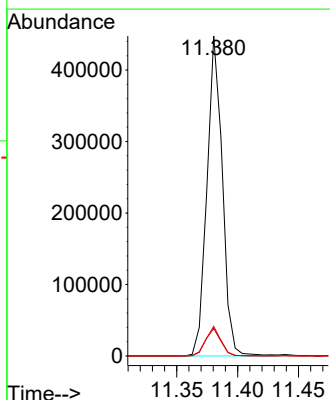
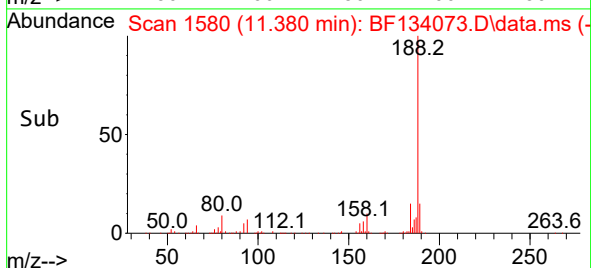
Tgt Ion: 77	Resp: 562940
Ion Ratio	Lower Upper
77 100	
182 23.0	6.8 46.8
105 20.7	2.3 42.3
51 36.4	16.2 56.2

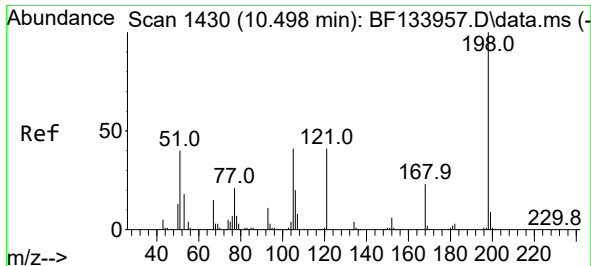


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31



Tgt Ion:188	Resp: 393836
Ion Ratio	Lower Upper
188 100	
94 8.6	6.4 9.6
80 9.3	7.3 10.9

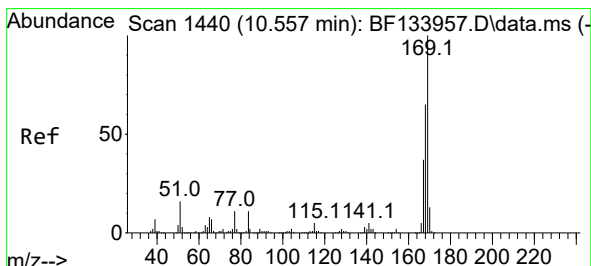
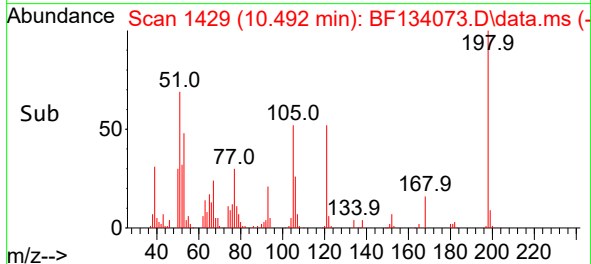
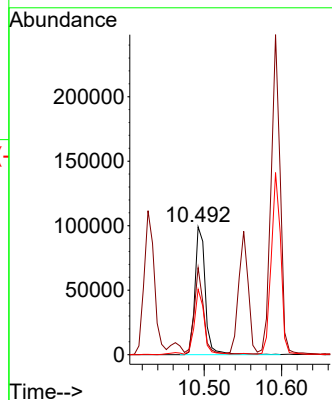
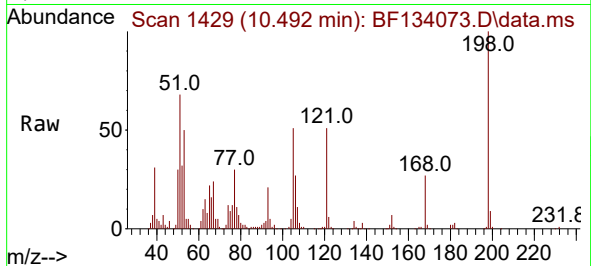




#65
4,6-Dinitro-2-methylphenol
Concen: 42.827 ng
RT: 10.492 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

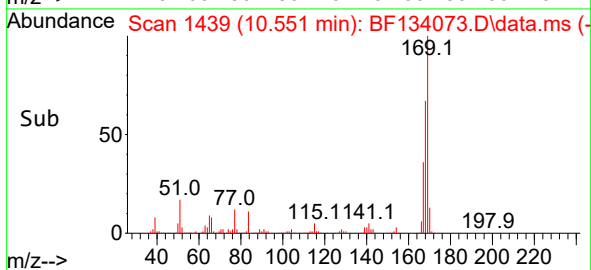
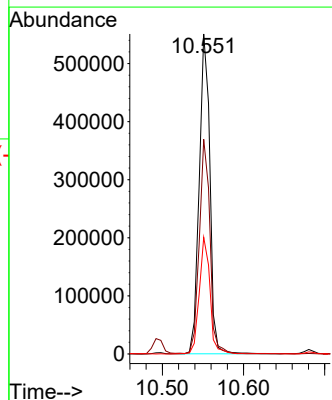
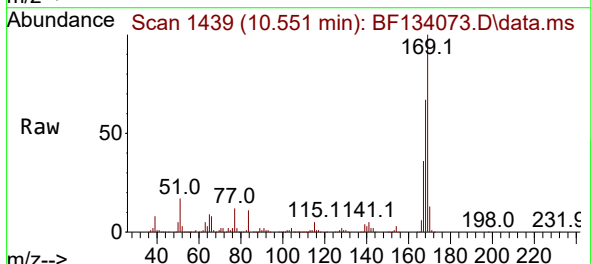
Instrument :
BNA_F
ClientSampleId :

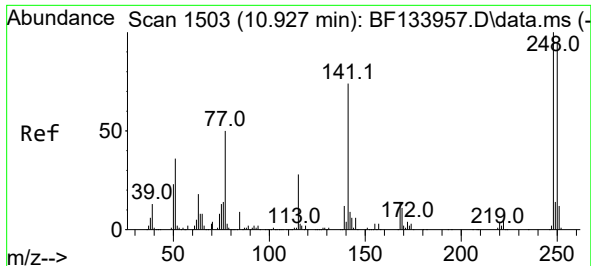
Tgt Ion:198 Resp: 91957
Ion Ratio Lower Upper
198 100
51 68.1 29.3 69.3
105 51.2 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 39.947 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

Tgt Ion:169 Resp: 502662
Ion Ratio Lower Upper
169 100
168 67.1 52.3 78.5
167 36.4 29.4 44.0

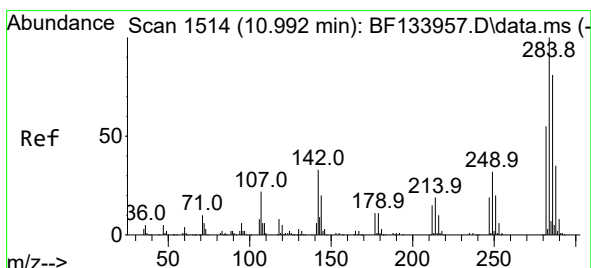
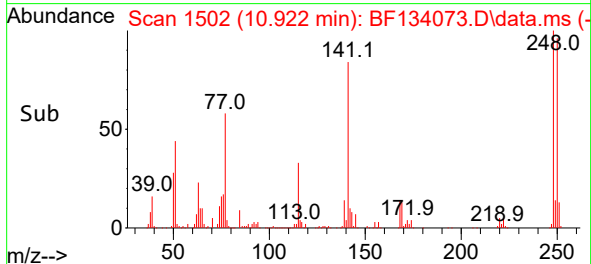
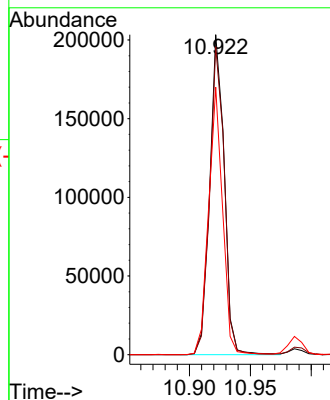
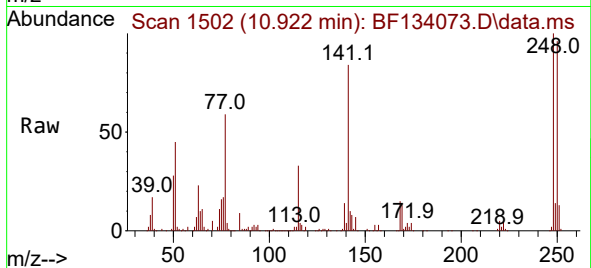




#67
4-Bromophenyl-phenylether
Concen: 40.349 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

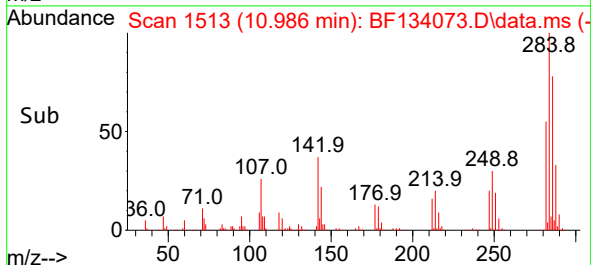
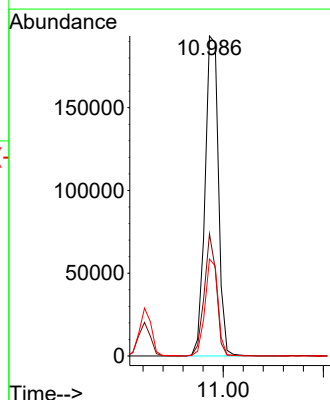
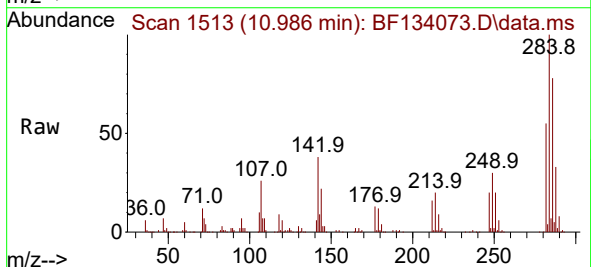
Instrument :
BNA_F
ClientSampleId :

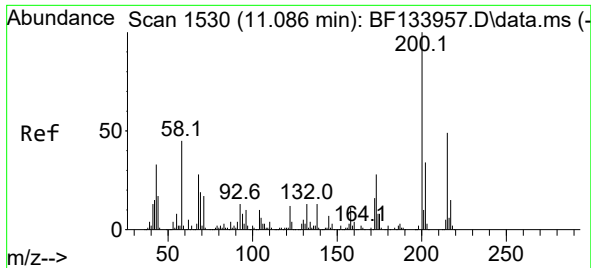
Tgt Ion:248 Resp: 168903
Ion Ratio Lower Upper
248 100
250 96.3 76.2 114.4
141 83.6 59.0 88.4



#68
Hexachlorobenzene
Concen: 40.657 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

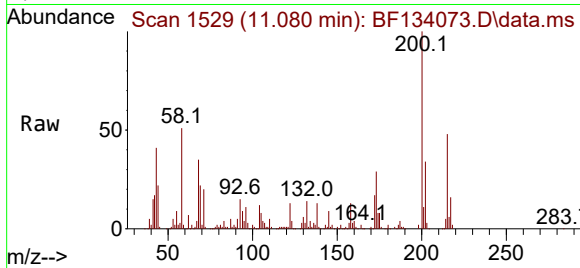
Tgt Ion:284 Resp: 180701
Ion Ratio Lower Upper
284 100
142 38.1 26.6 40.0
249 30.3 25.5 38.3



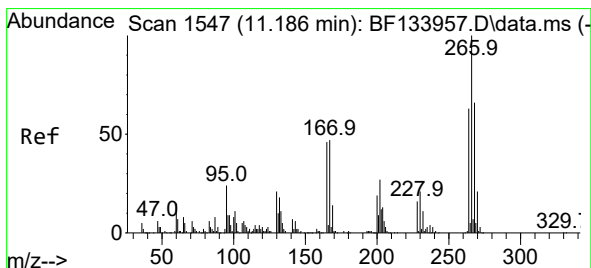
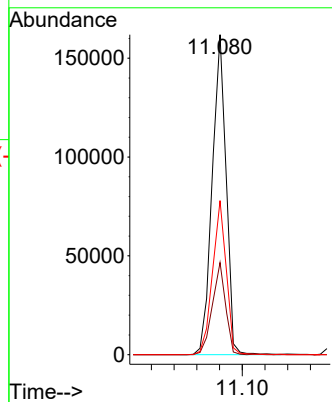
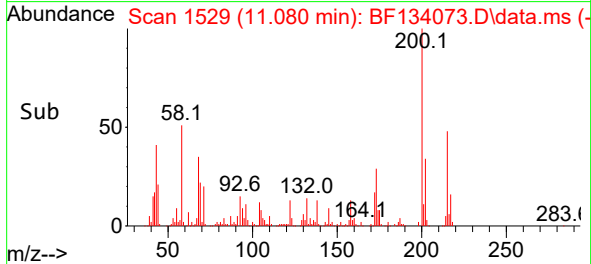


#69
Atrazine
Concen: 39.479 ng
RT: 11.080 min Scan# 1529
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

Instrument :
BNA_F
ClientSampleId :

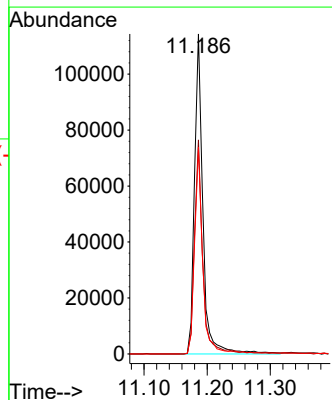
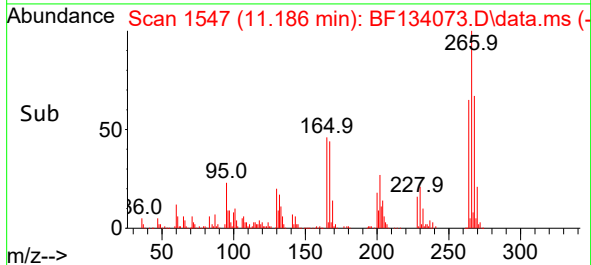
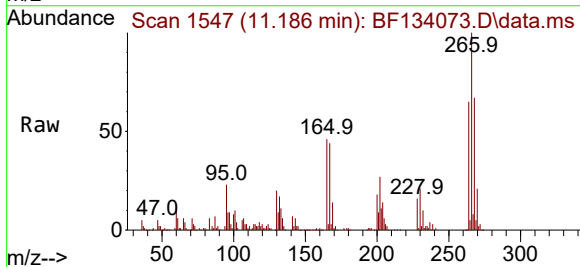


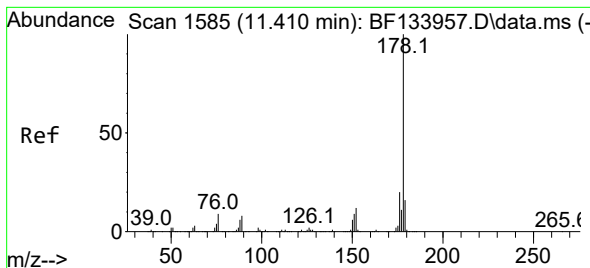
Tgt Ion:200 Resp: 137412
Ion Ratio Lower Upper
200 100
173 28.8 8.0 48.0
215 48.1 29.3 69.3



#70
Pentachlorophenol
Concen: 39.739 ng
RT: 11.186 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF134073.D
Acq: 05 Jul 2023 18:31

Tgt Ion:266 Resp: 105605
Ion Ratio Lower Upper
266 100
268 66.9 52.6 79.0
264 64.5 50.6 76.0





#71

Phenanthrene

Concen: 39.197 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.000 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

Instrument :

BNA_F

ClientSampleId :

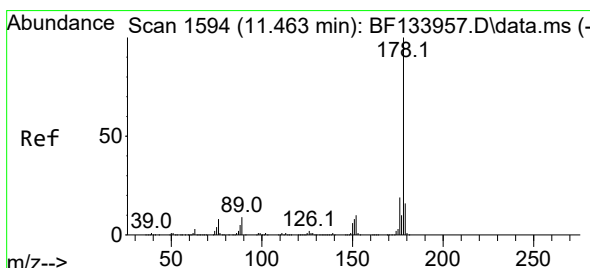
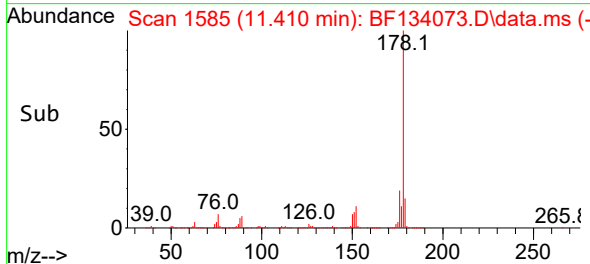
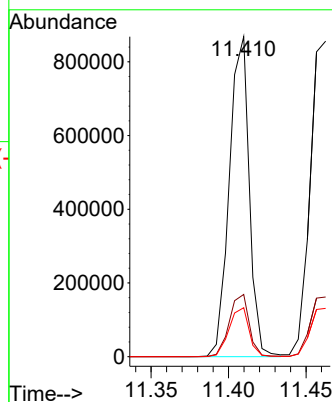
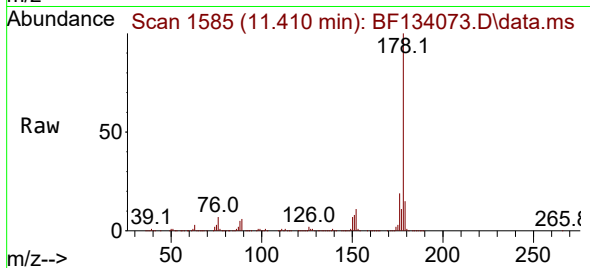
Tgt Ion:178 Resp: 777144

Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

179 15.3 12.4 18.6



#72

Anthracene

Concen: 39.720 ng

RT: 11.463 min Scan# 1594

Delta R.T. -0.000 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

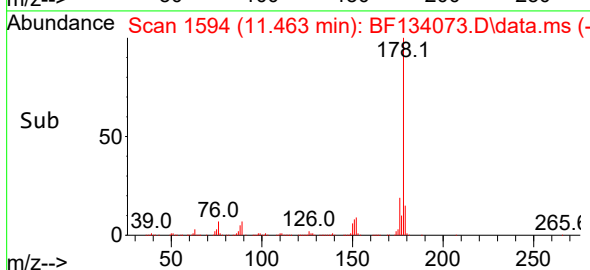
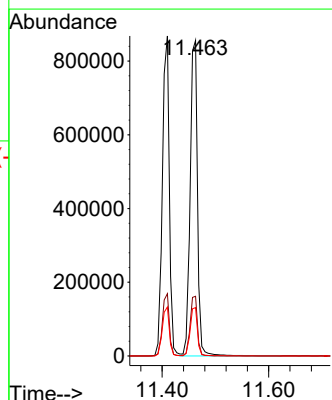
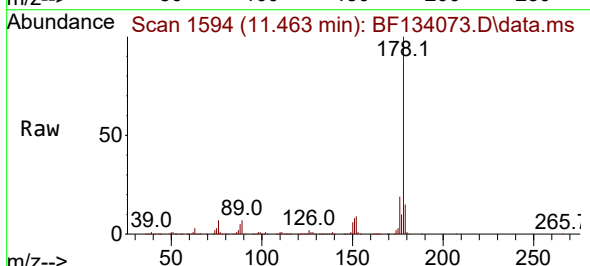
Tgt Ion:178 Resp: 819100

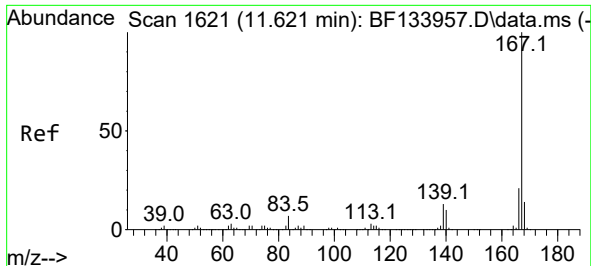
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

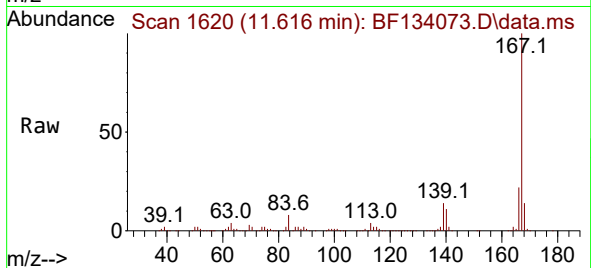
179 15.3 12.4 18.6



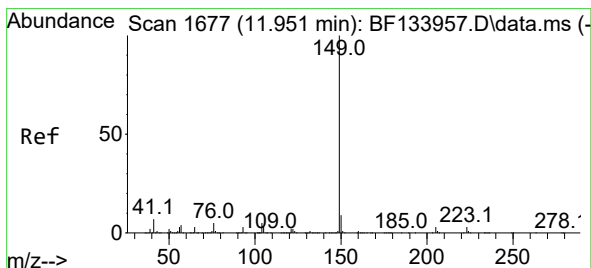
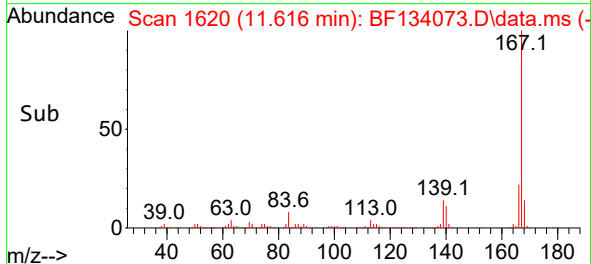
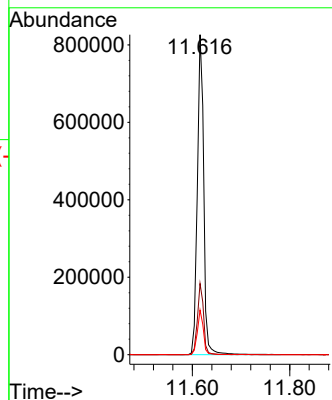


#73
 Carbazole
 Concen: 40.284 ng
 RT: 11.616 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF134073.D
 Acq: 05 Jul 2023 18:31

Instrument :
 BNA_F
 ClientSampleId :

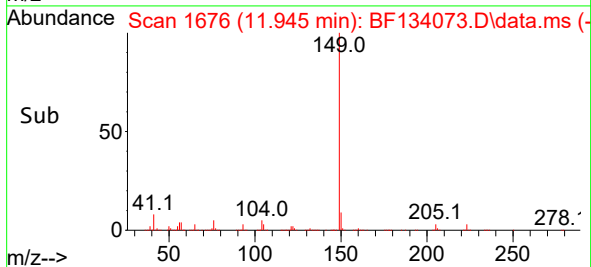
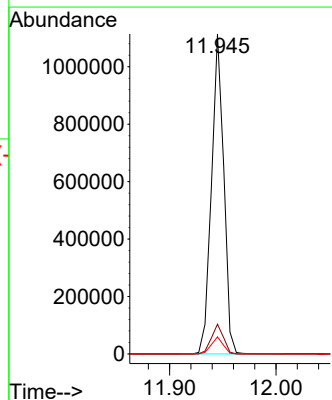
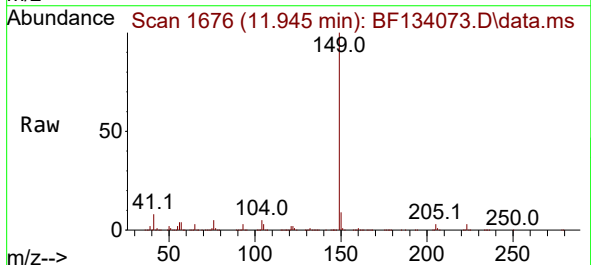


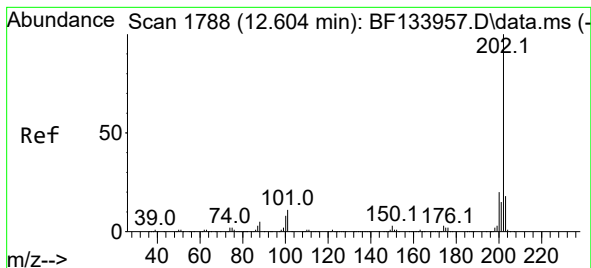
Tgt Ion:167 Resp: 760367
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.0 25.6
 139 14.0 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 39.820 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF134073.D
 Acq: 05 Jul 2023 18:31

Tgt Ion:149 Resp: 893812
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.1 10.7
 104 5.3 4.0 6.0





#75

Fluoranthene

Concen: 40.199 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

Instrument :

BNA_F

ClientSampleId :

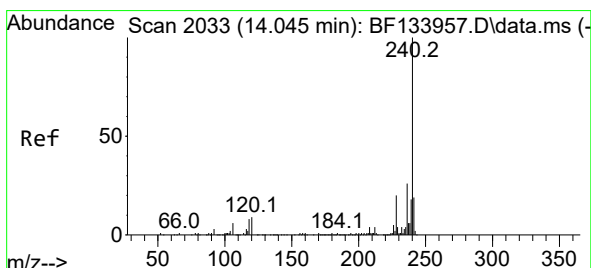
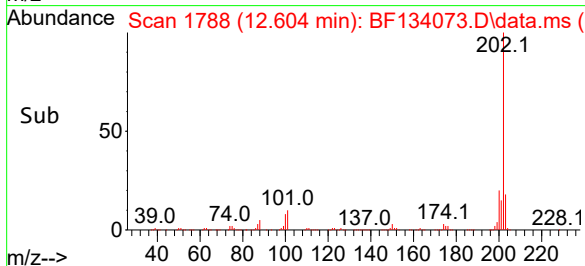
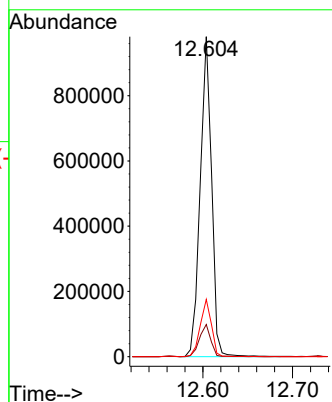
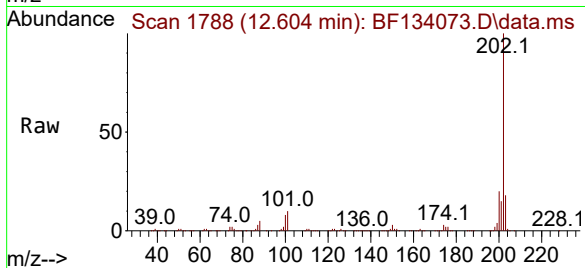
Tgt Ion:202 Resp: 861621

Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.0

203 17.9 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

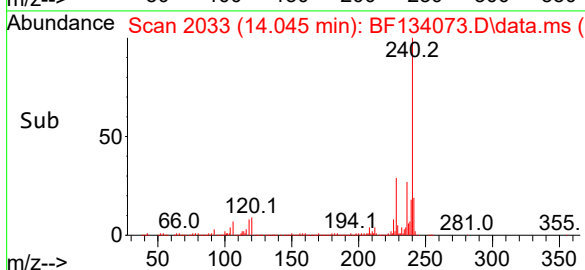
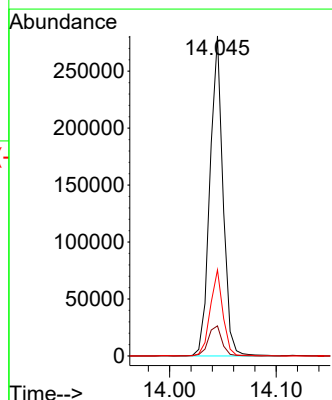
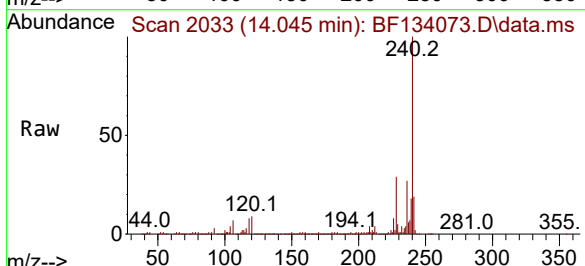
Tgt Ion:240 Resp: 239418

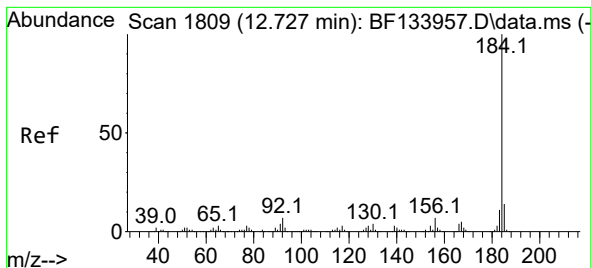
Ion Ratio Lower Upper

240 100

120 9.4 7.4 11.0

236 26.9 21.0 31.6





#77

Benzidine

Concen: 47.493 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.000 min

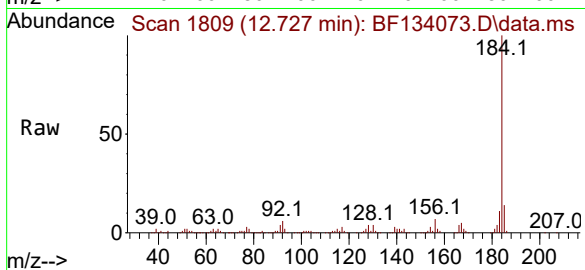
Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

Instrument :

BNA_F

ClientSampleId :



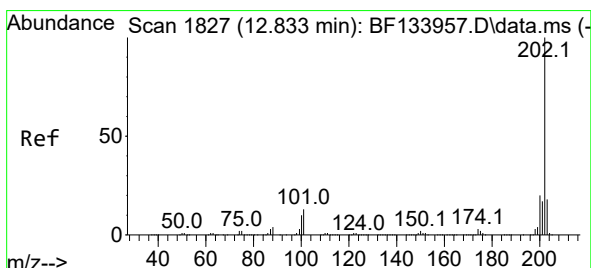
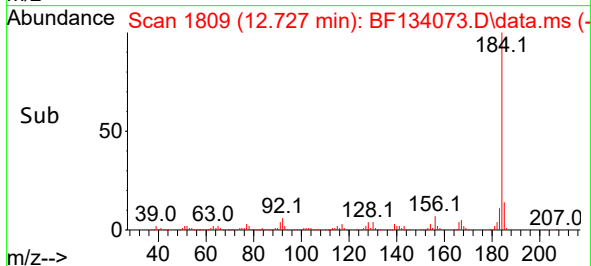
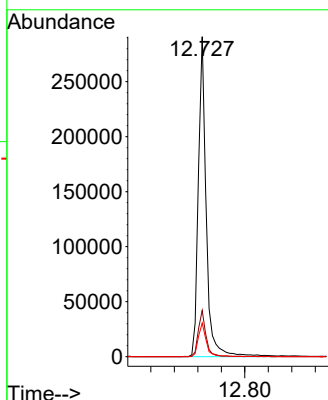
Tgt Ion:184 Resp: 270559

Ion Ratio Lower Upper

184 100

185 14.4 11.6 17.4

183 10.5 8.8 13.2



#78

Pyrene

Concen: 38.972 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

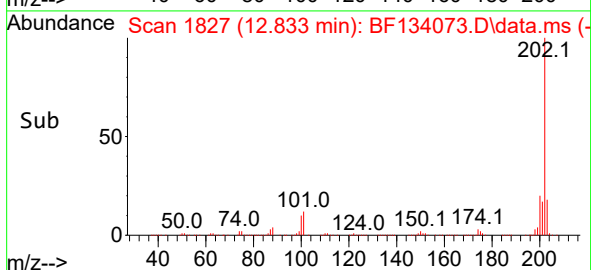
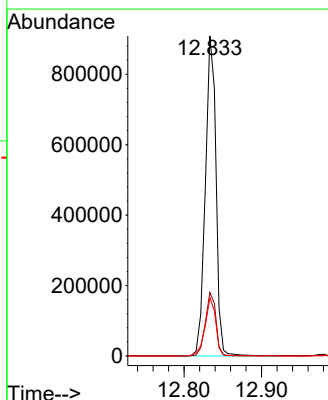
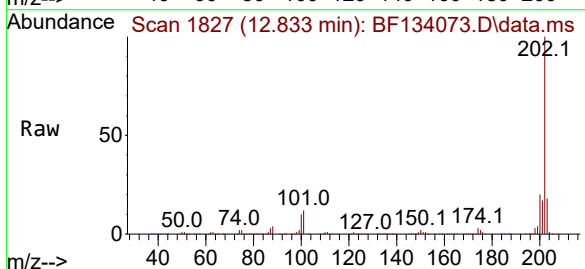
Tgt Ion:202 Resp: 868329

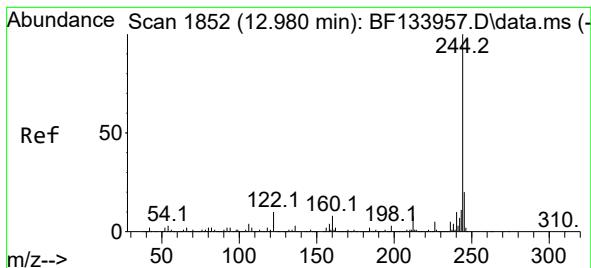
Ion Ratio Lower Upper

202 100

200 19.8 16.1 24.1

203 18.2 14.3 21.5





#79

Terphenyl-d14

Concen: 79.101 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

Instrument :

BNA_F

ClientSampleId :

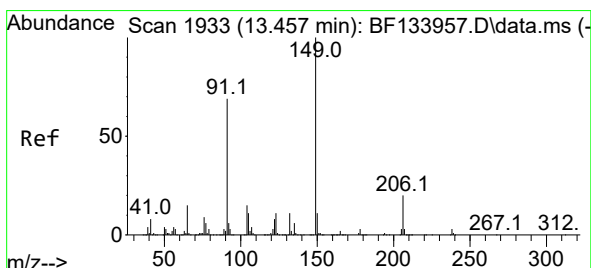
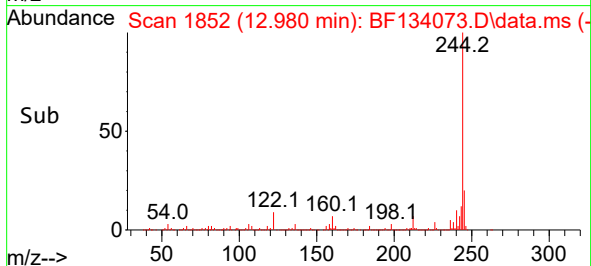
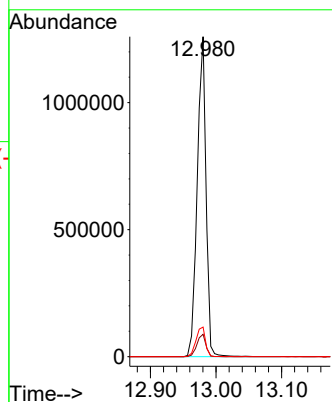
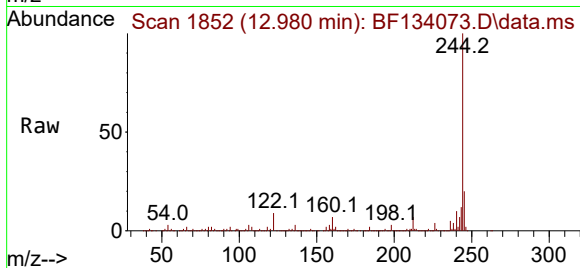
Tgt Ion:244 Resp: 1176717

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 9.2 8.3 12.5



#80

Butylbenzylphthalate

Concen: 39.560 ng

RT: 13.457 min Scan# 1933

Delta R.T. -0.000 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

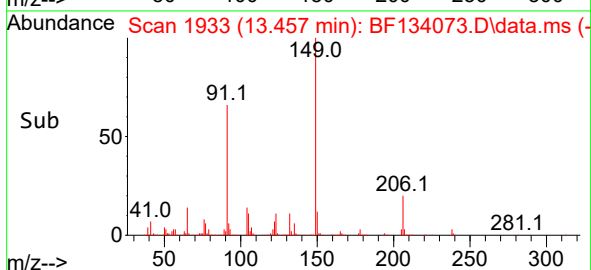
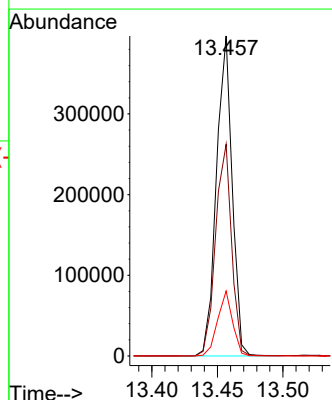
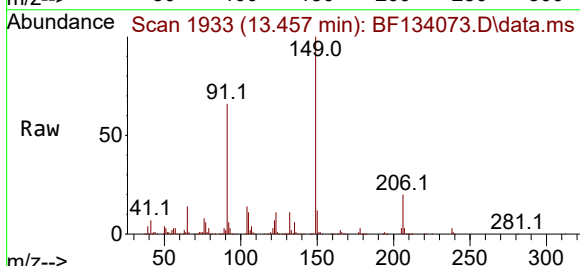
Tgt Ion:149 Resp: 330584

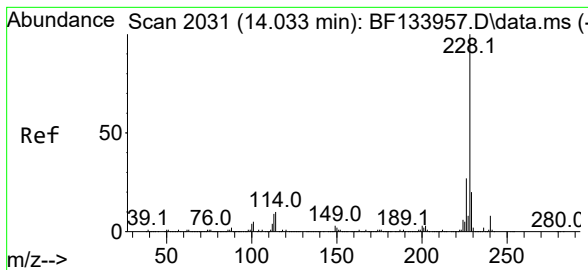
Ion Ratio Lower Upper

149 100

91 66.2 55.1 82.7

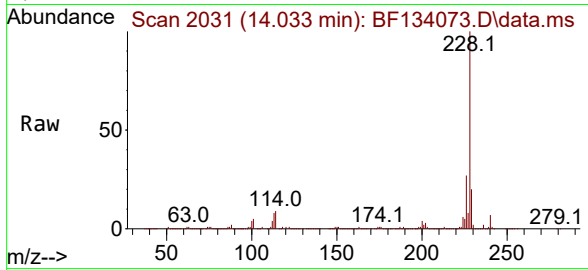
206 20.3 15.7 23.5





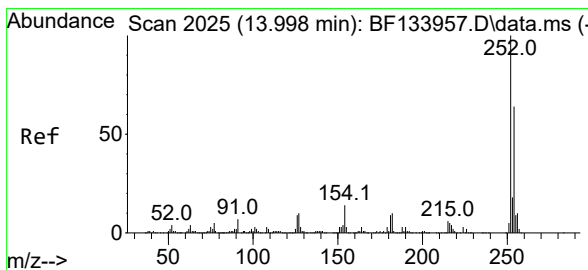
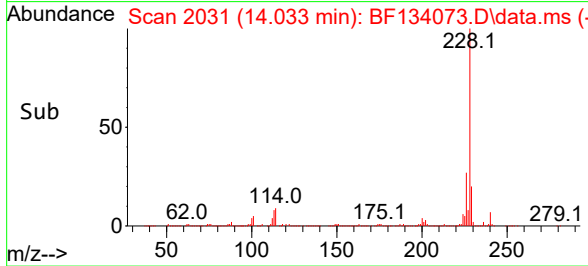
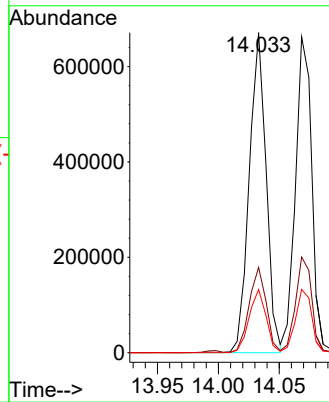
#81
 Benzo(a)anthracene
 Concen: 39.092 ng
 RT: 14.033 min Scan# 2031
 Delta R.T. -0.006 min
 Lab File: BF134073.D
 Acq: 05 Jul 2023 18:31

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:228 Resp: 649086

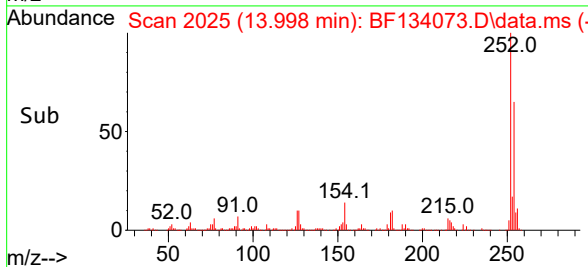
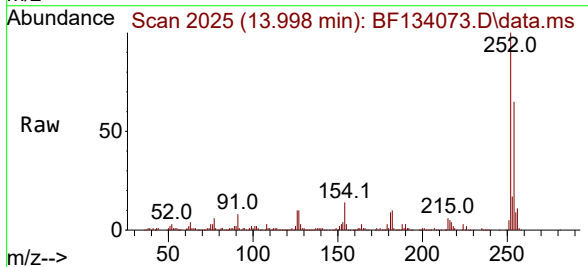
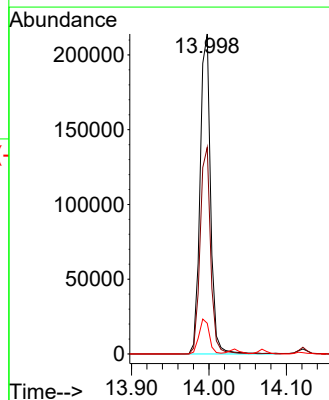
Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.0	33.0
229	19.7	16.3	24.5

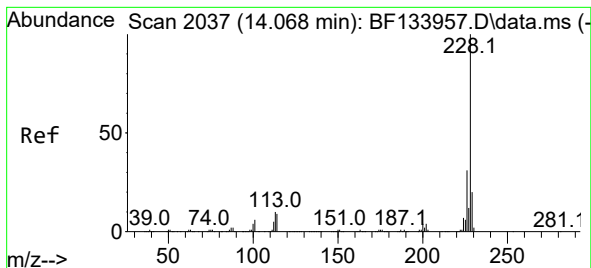


#82
 3,3'-Dichlorobenzidine
 Concen: 38.155 ng
 RT: 13.998 min Scan# 2025
 Delta R.T. -0.000 min
 Lab File: BF134073.D
 Acq: 05 Jul 2023 18:31

Tgt Ion:252 Resp: 200713

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.4	77.0
126	9.6	7.4	11.2





#83

Chrysene

Concen: 38.420 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

Instrument :

BNA_F

ClientSampleId :

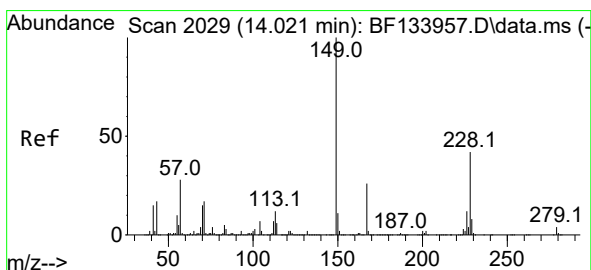
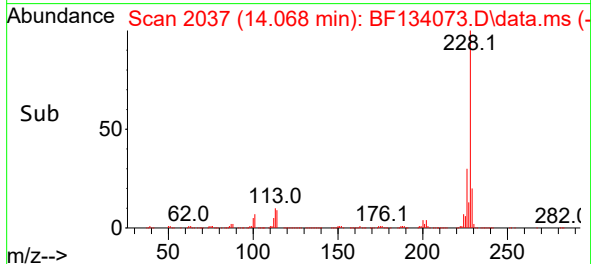
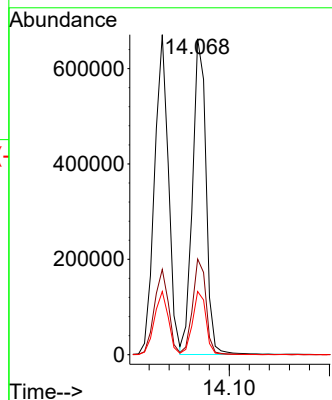
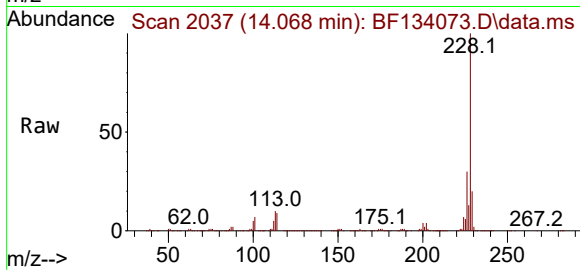
Tgt Ion:228 Resp: 617879

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 20.0 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.640 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

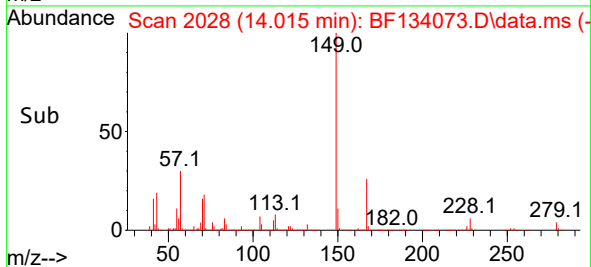
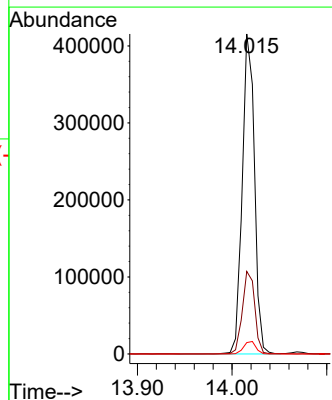
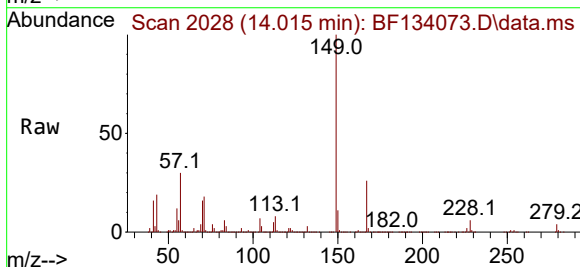
Tgt Ion:149 Resp: 371028

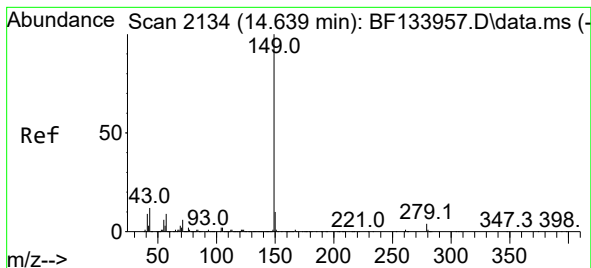
Ion Ratio Lower Upper

149 100

167 25.8 21.0 31.4

279 3.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 35.234 ng

RT: 14.639 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

Instrument :

BNA_F

ClientSampleId :

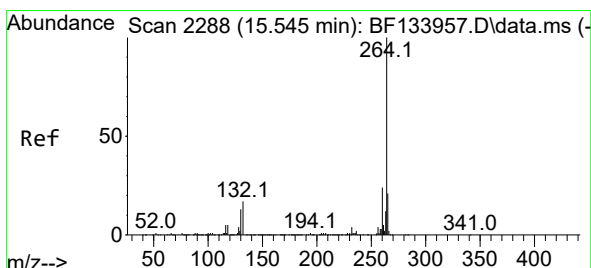
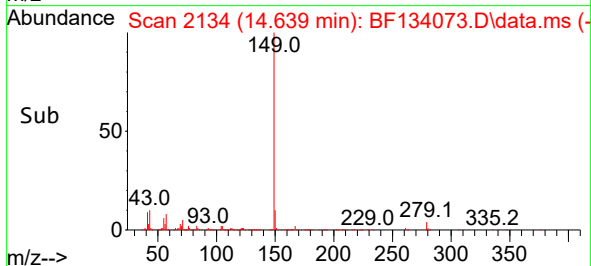
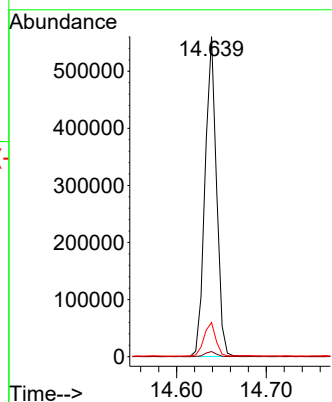
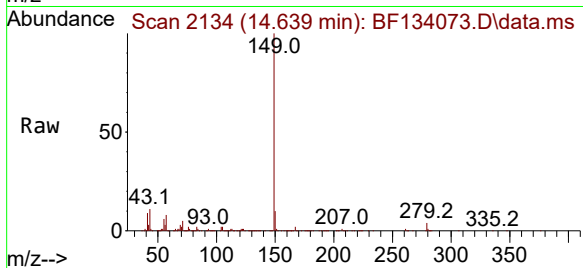
Tgt Ion:149 Resp: 497119

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.7 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

Delta R.T. -0.006 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

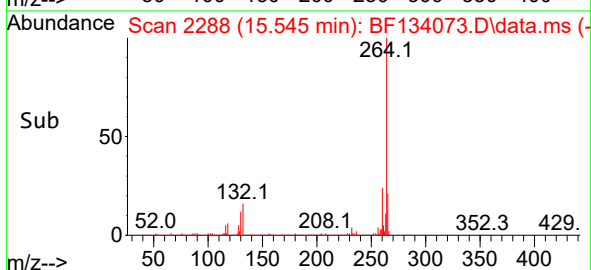
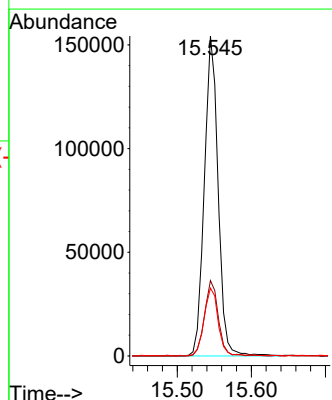
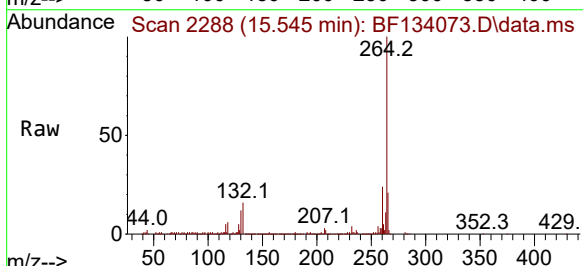
Tgt Ion:264 Resp: 199000

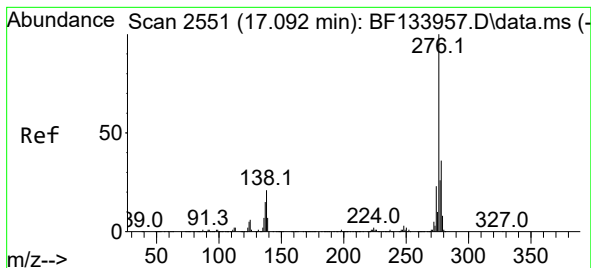
Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.2 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.520 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

Instrument :

BNA_F

ClientSampleId :

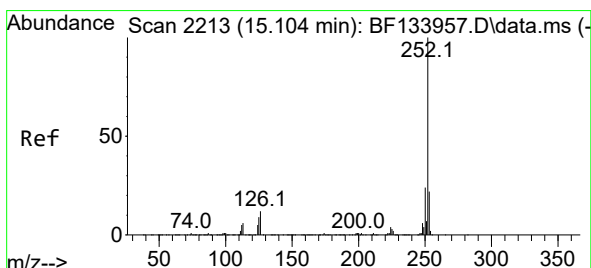
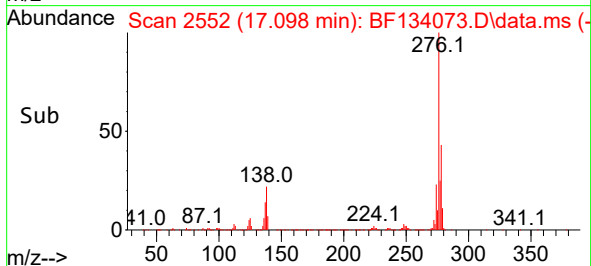
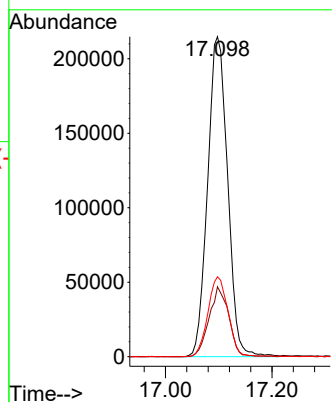
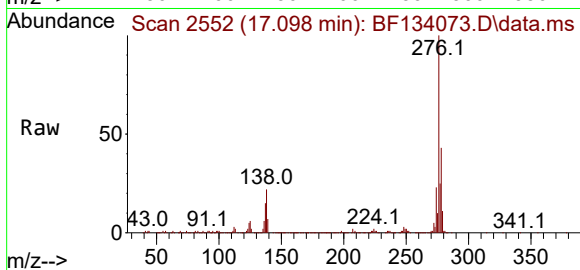
Tgt Ion:276 Resp: 559527

Ion Ratio Lower Upper

276 100

138 21.5 18.7 28.1

277 25.1 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 39.522 ng

RT: 15.104 min Scan# 2213

Delta R.T. -0.006 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

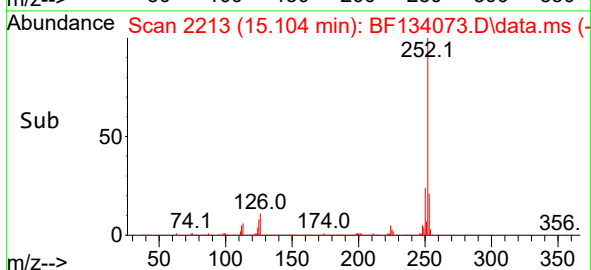
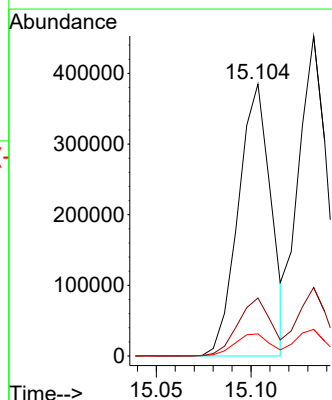
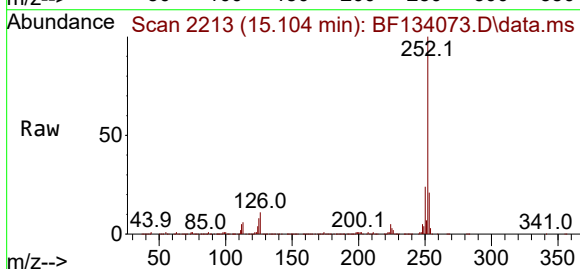
Tgt Ion:252 Resp: 462464

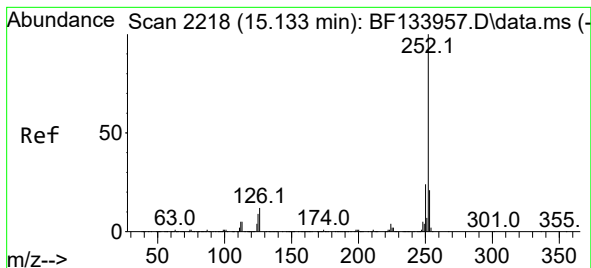
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 8.1 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 40.337 ng

RT: 15.133 min Scan# 2218

Delta R.T. -0.006 min

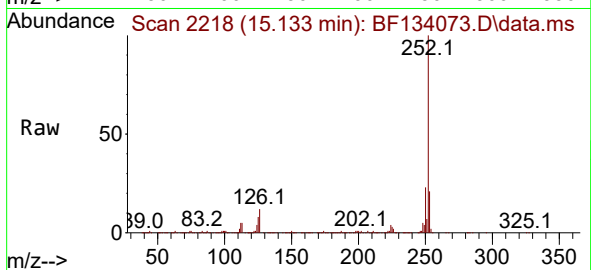
Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

Instrument :

BNA_F

ClientSampleId :



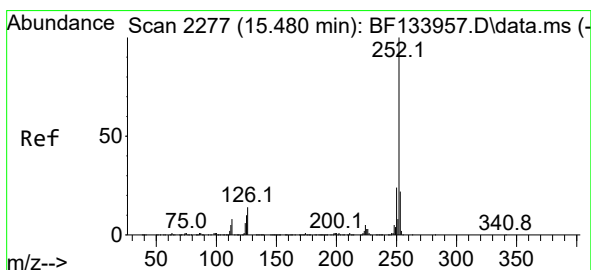
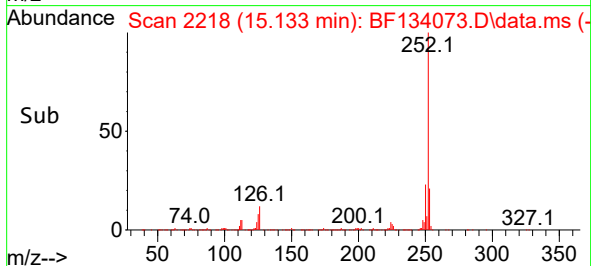
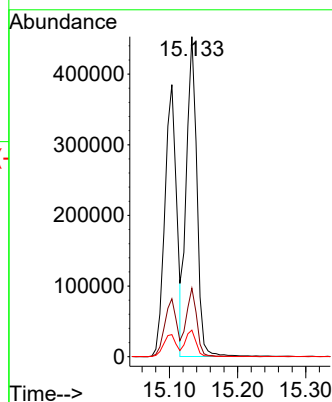
Tgt Ion:252 Resp: 480566

Ion Ratio Lower Upper

252 100

253 21.4 16.9 25.3

125 8.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 39.228 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF134073.D

Acq: 05 Jul 2023 18:31

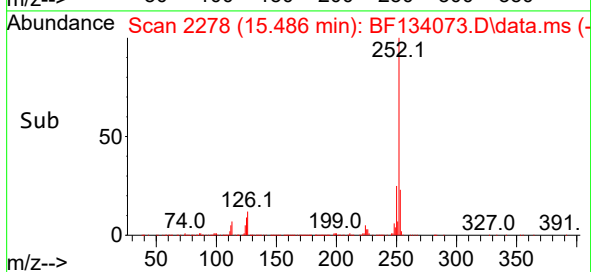
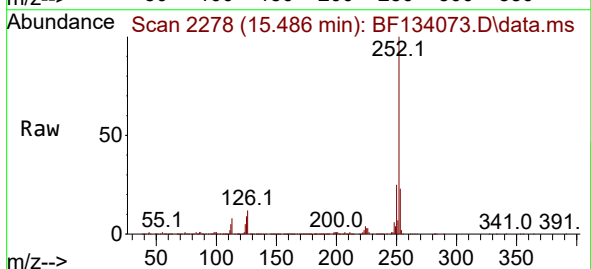
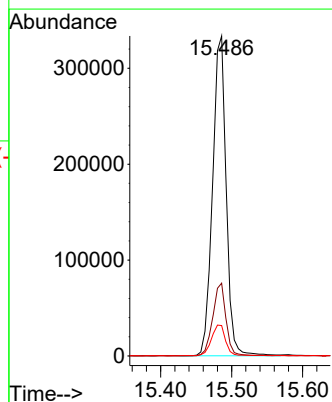
Tgt Ion:252 Resp: 443869

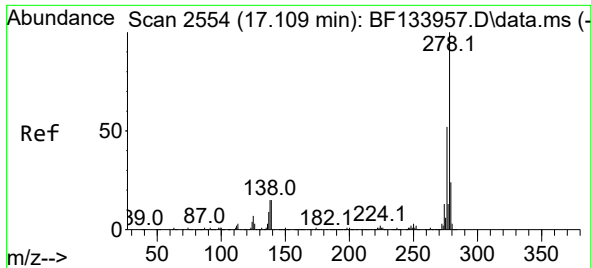
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

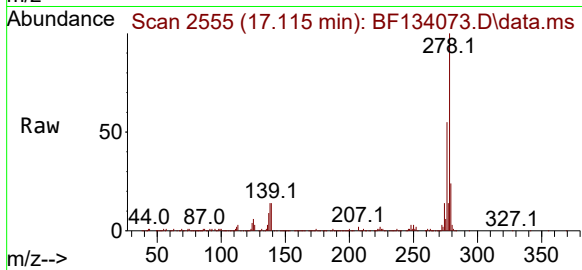
125 9.5 8.4 12.6



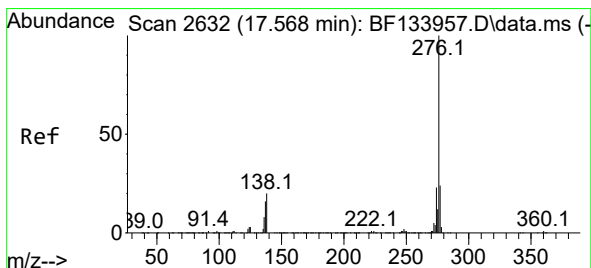
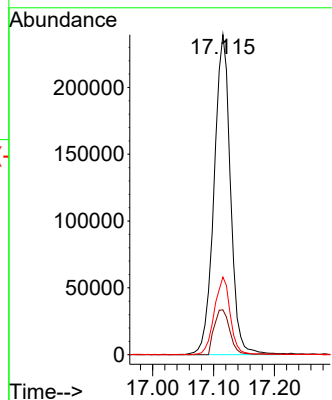
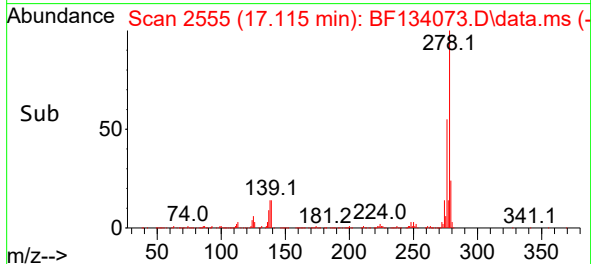


#91
 Dibenzo(a,h)anthracene
 Concen: 39.816 ng
 RT: 17.115 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF134073.D
 Acq: 05 Jul 2023 18:31

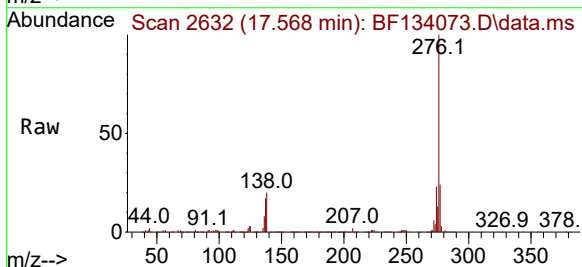
Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:278 Resp: 449075
 Ion Ratio Lower Upper
 278 100
 139 14.0 12.2 18.4
 279 24.2 19.4 29.2



#92
 Benzo(g,h,i)perylene
 Concen: 40.186 ng
 RT: 17.568 min Scan# 2632
 Delta R.T. -0.012 min
 Lab File: BF134073.D
 Acq: 05 Jul 2023 18:31



Tgt Ion:276 Resp: 467406
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.0 28.6
 138 19.8 16.2 24.2

