

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
 Data File : BF134682.D
 Acq On : 09 Aug 2023 10:30
 Operator : CG\JU
 Sample : 03781-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-1MS

Quant Time: Aug 10 01:36:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	197172	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	781999	20.000	ng	# 0.00
39) Acenaphthene-d10	9.839	164	399436	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	662804	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	335577	20.000	ng	0.02
86) Perylene-d12	15.468	264	437414	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1102755	85.017	ng	0.01
7) Phenol-d6	6.445	99	1538678	92.798	ng	0.00
23) Nitrobenzene-d5	7.369	82	931909	74.473	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	370063	90.883	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1663260	69.235	ng	0.00
79) Terphenyl-d14	12.927	244	1447710	76.052	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	205802	34.485	ng	# 94
3) Pyridine	3.346	79	533709	33.003	ng	91
4) n-Nitrosodimethylamine	3.310	42	298819	38.673	ng	# 60
6) Aniline	6.481	93	637662	29.320	ng	91
8) 2-Chlorophenol	6.592	128	614165	46.938	ng	95
9) Benzaldehyde	6.357	77	320820	40.374	ng	97
10) Phenol	6.463	94	736578	45.079	ng	87
11) bis(2-Chloroethyl)ether	6.545	93	587473	45.259	ng	93
12) 1,3-Dichlorobenzene	6.745	146	611108	45.141	ng	96
13) 1,4-Dichlorobenzene	6.822	146	618130	45.559	ng	98
14) 1,2-Dichlorobenzene	6.975	146	593607	46.956	ng	96
15) Benzyl Alcohol	6.951	79	514333	44.964	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.081	45	910185	44.758	ng	89
17) 2-Methylphenol	7.063	107	482007	41.687	ng	91
18) Hexachloroethane	7.310	117	222121	46.646	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	389592	39.244	ng	91
20) 3+4-Methylphenols	7.216	107	545762	39.139	ng	# 85
22) Acetophenone	7.216	105	735298	40.730	ng	# 94
24) Nitrobenzene	7.386	77	624361	46.184	ng	97
25) Isophorone	7.628	82	1174120	43.019	ng	99
26) 2-Nitrophenol	7.704	139	315951	54.231	ng	# 84
27) 2,4-Dimethylphenol	7.739	122	488370	40.103	ng	87
28) bis(2-Chloroethoxy)met...	7.839	93	721577	44.196	ng	99
29) 2,4-Dichlorophenol	7.945	162	506806	45.853	ng	97
30) 1,2,4-Trichlorobenzene	8.028	180	538163	45.660	ng	97
31) Naphthalene	8.104	128	1652869	42.056	ng	98
32) Benzoic acid	7.881	122	403669	50.353	ng	91
33) 4-Chloroaniline	8.157	127	351238	20.057	ng	97
34) Hexachlorobutadiene	8.222	225	311865	45.872	ng	96
35) Caprolactam	8.533	113	111422	31.246	ng	97
36) 4-Chloro-3-methylphenol	8.645	107	533852	45.607	ng	91
37) 2-Methylnaphthalene	8.798	142	1068155	41.003	ng	99
38) 1-Methylnaphthalene	8.898	142	1025849	42.348	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	524983	45.198	ng	98
41) Hexachlorocyclopentadiene	8.945	237	403640	71.461	ng	92
43) 2,4,6-Trichlorophenol	9.075	196	363514	47.820	ng	98

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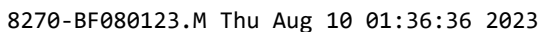
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	384122	44.212	ng	94
46) 1,1'-Biphenyl	9.263	154	1349533	43.447	ng	98
47) 2-Chloronaphthalene	9.286	162	1033702	44.414	ng	99
48) 2-Nitroaniline	9.386	65	347830	47.941	ng	92
49) Acenaphthylene	9.704	152	1550431	42.379	ng	99
50) Dimethylphthalate	9.569	163	1255279	46.109	ng	97
51) 2,6-Dinitrotoluene	9.633	165	280308	50.135	ng	# 77
52) Acenaphthene	9.875	154	961835	40.569	ng	98
53) 3-Nitroaniline	9.798	138	250474	41.278	ng	97
54) 2,4-Dinitrophenol	9.910	184	240601	98.728	ng	85
55) Dibenzofuran	10.051	168	1397698	41.413	ng	94
56) 4-Nitrophenol	9.969	139	466533	94.004	ng	# 75
57) 2,4-Dinitrotoluene	10.039	165	347721	51.397	ng	# 85
58) Fluorene	10.392	166	1012085	41.170	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.169	232	325475	47.352	ng	96
60) Diethylphthalate	10.269	149	1184073	45.886	ng	96
61) 4-Chlorophenyl-phenyle...	10.386	204	523438	43.319	ng	92
62) 4-Nitroaniline	10.416	138	276008	46.407	ng	84
63) Azobenzene	10.545	77	1125602	40.599	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	162325	58.311	ng	85
66) n-Nitrosodiphenylamine	10.504	169	979021	46.407	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	346377	47.739	ng	98
68) Hexachlorobenzene	10.939	284	373182	48.707	ng	96
69) Atrazine	11.039	200	337634	59.378	ng	98
70) Pentachlorophenol	11.133	266	362818	76.481	ng	95
71) Phenanthrene	11.357	178	1473081	41.842	ng	100
72) Anthracene	11.410	178	1496774	41.623	ng	99
73) Carbazole	11.563	167	1325853	41.293	ng	100
74) Di-n-butylphthalate	11.898	149	1589544	46.598	ng	98
75) Fluoranthene	12.551	202	1321406	35.533	ng	97
77) Benzidine	12.669	184	258047	35.423	ng	97
78) Pyrene	12.780	202	1274654	43.896	ng	97
80) Butylbenzylphthalate	13.410	149	444753	45.295	ng	# 95
81) Benzo(a)anthracene	13.980	228	976919	40.713	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	302433	43.482	ng	# 97
83) Chrysene	14.015	228	982458	42.025	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	540424	46.769	ng	97
85) Di-n-octyl phthalate	14.592	149	1120586	63.772	ng	# 90
87) Indeno(1,2,3-cd)pyrene	16.974	276	1150225	44.712	ng	# 91
88) Benzo(b)fluoranthene	15.039	252	1187335	44.507	ng	# 96
89) Benzo(k)fluoranthene	15.068	252	1105322	41.592	ng	# 97
90) Benzo(a)pyrene	15.410	252	1041672	41.879	ng	# 94
91) Dibenzo(a,h)anthracene	16.992	278	951922	45.787	ng	# 93
92) Benzo(g,h,i)perylene	17.427	276	869952	41.021	ng	# 91

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

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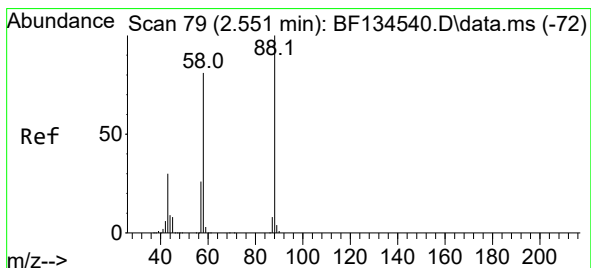
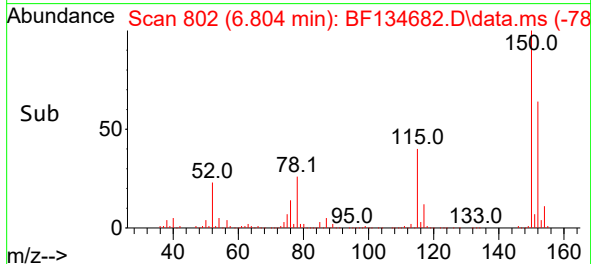
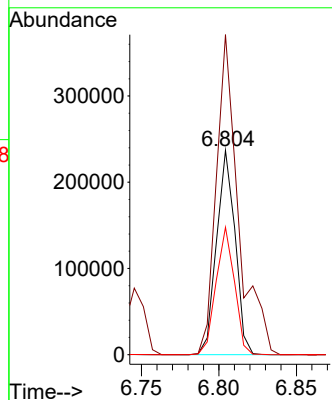
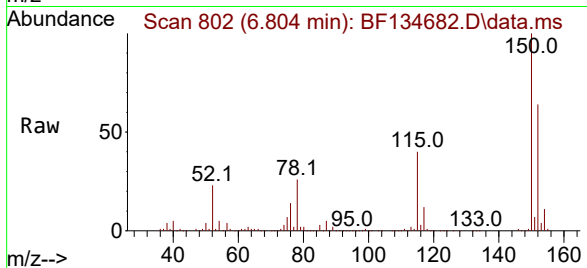




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF134682.D
 Acq: 09 Aug 2023 10:30

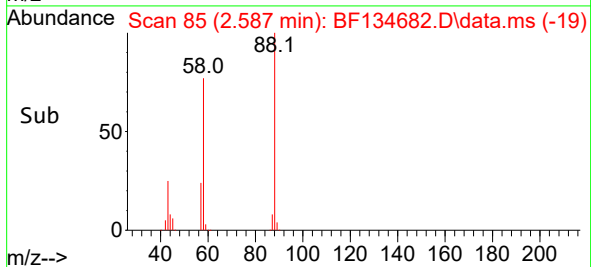
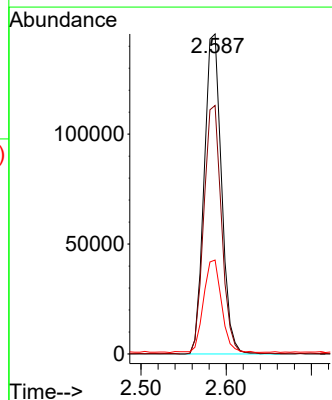
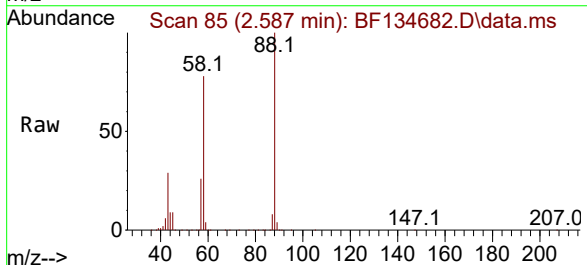
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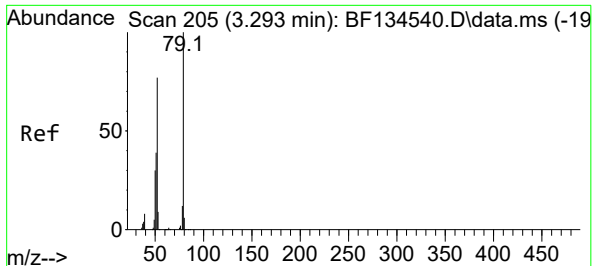
Tgt Ion:152 Resp: 197172
 Ion Ratio Lower Upper
 152 100
 150 156.6 128.3 192.5
 115 62.4 52.4 78.6



#2
 1,4-Dioxane
 Concen: 34.485 ng
 RT: 2.587 min Scan# 85
 Delta R.T. 0.035 min
 Lab File: BF134682.D
 Acq: 09 Aug 2023 10:30

Tgt Ion: 88 Resp: 205802
 Ion Ratio Lower Upper
 88 100
 58 79.3 65.1 97.7
 43 30.1 30.3 45.5#

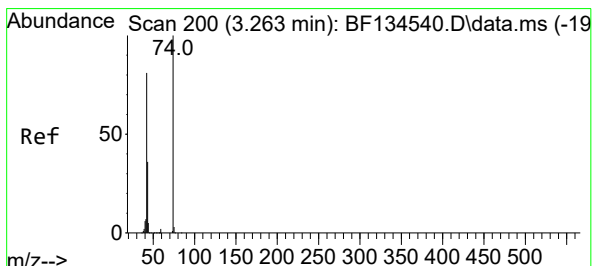
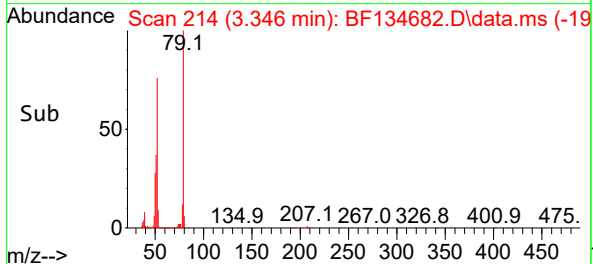
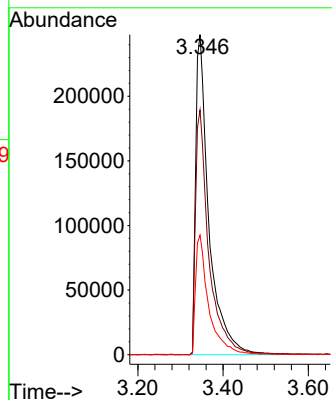
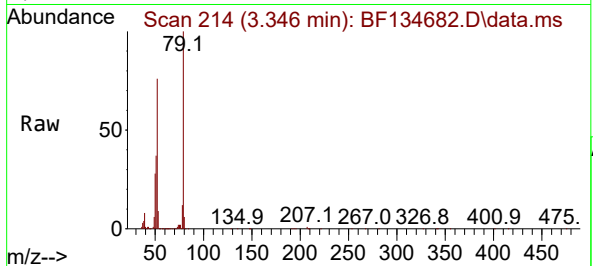




#3
Pyridine
Concen: 33.003 ng
RT: 3.346 min Scan# 214
Delta R.T. 0.041 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

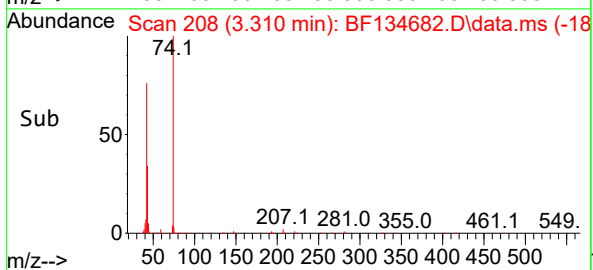
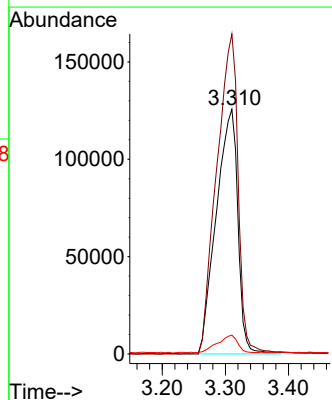
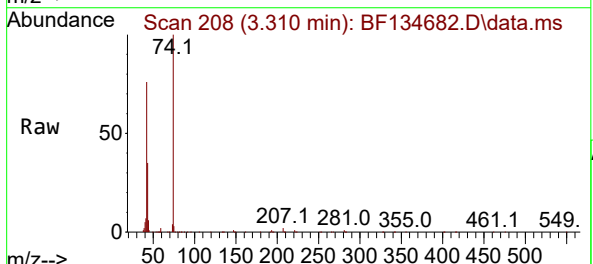
Instrument :
BNA_F
ClientSampleId :
OS-1MS

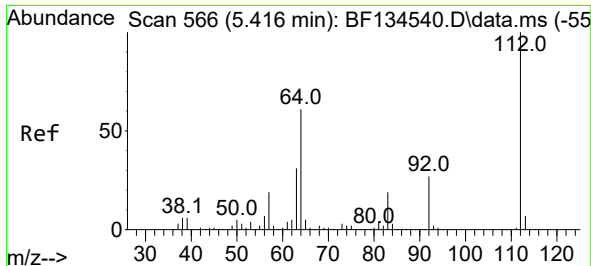
Tgt Ion: 79 Resp: 533709
Ion Ratio Lower Upper
79 100
52 76.5 66.6 100.0
51 37.4 36.5 54.7



#4
n-Nitrosodimethylamine
Concen: 38.673 ng
RT: 3.310 min Scan# 208
Delta R.T. 0.029 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion: 42 Resp: 298819
Ion Ratio Lower Upper
42 100
74 130.8 72.2 108.4#
44 7.7 5.4 8.0

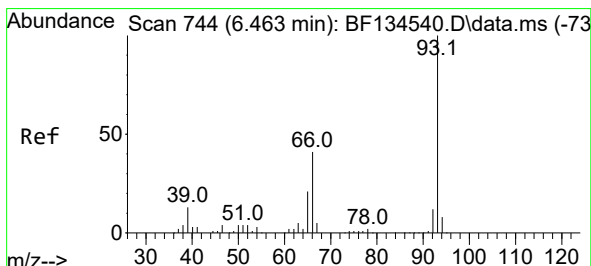
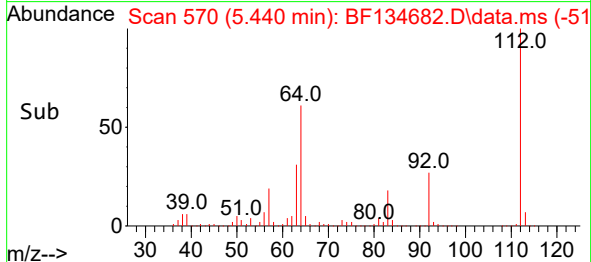
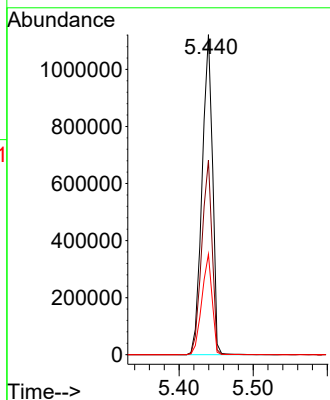
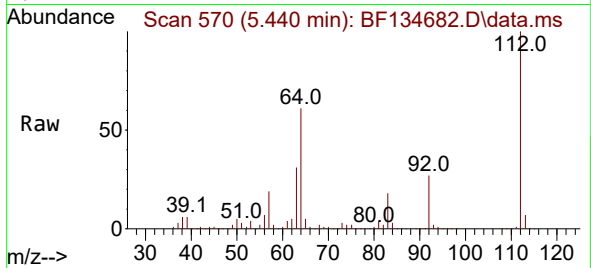




#5
2-Fluorophenol
Concen: 85.017 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

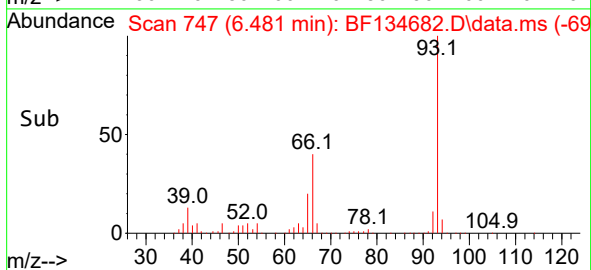
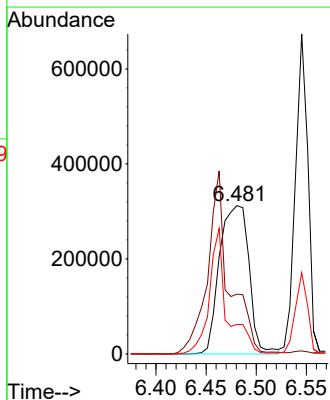
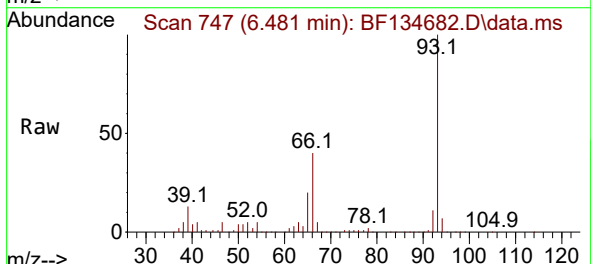
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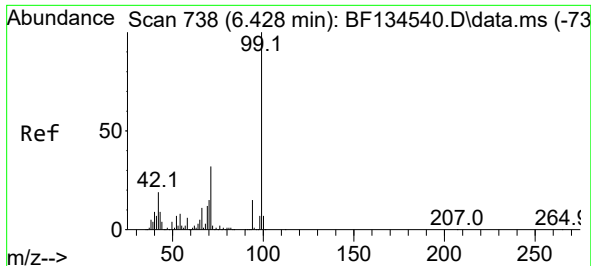
Tgt Ion:112 Resp: 1102755
Ion Ratio Lower Upper
112 100
64 60.8 44.9 67.3
63 31.4 25.4 38.0



#6
Aniline
Concen: 29.320 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.012 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion: 93 Resp: 637662
Ion Ratio Lower Upper
93 100
66 40.3 36.8 55.2
65 19.8 19.4 29.0

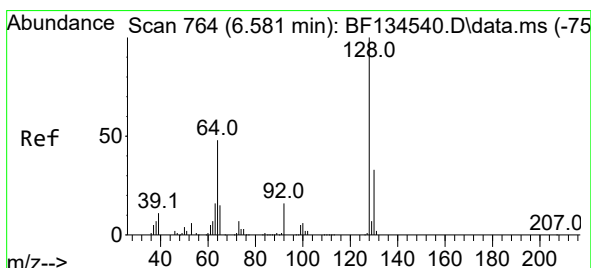
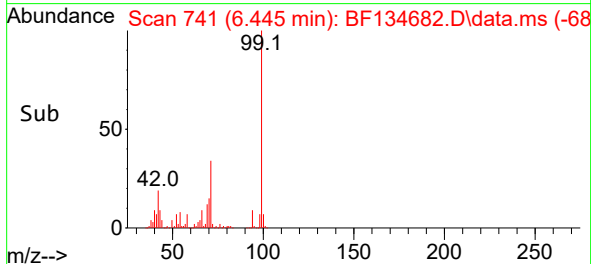
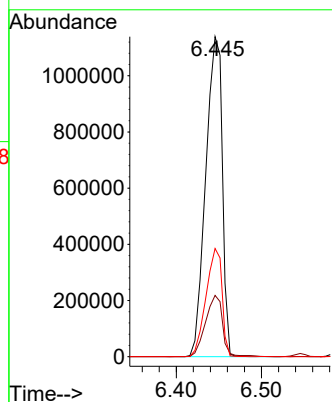
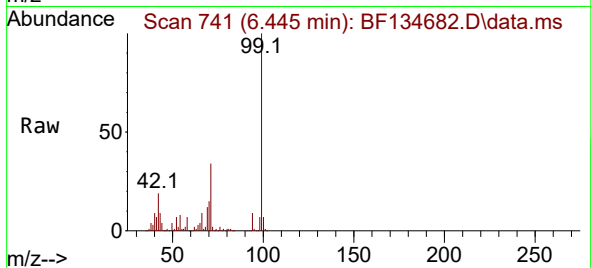




#7
Phenol-d6
Concen: 92.798 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

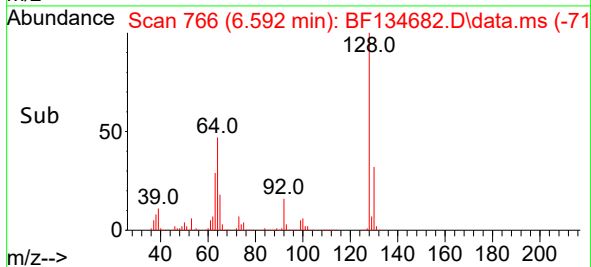
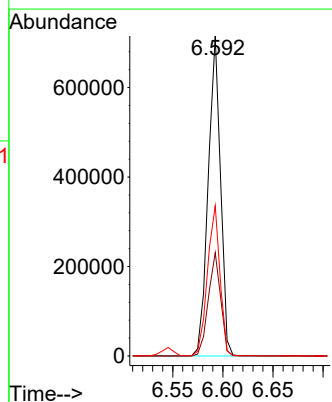
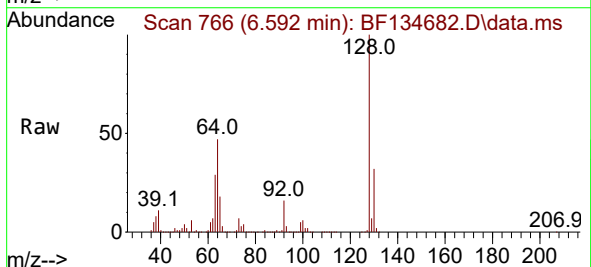
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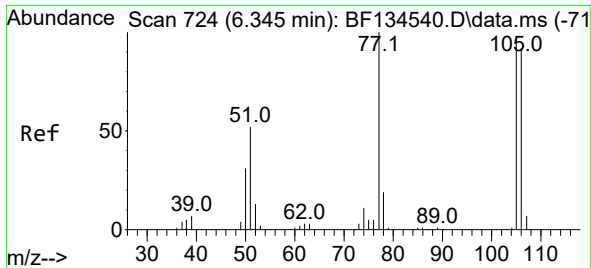
Tgt Ion: 99 Resp: 1538678
Ion Ratio Lower Upper
99 100
42 19.2 18.7 28.1
71 33.8 36.4 54.6#



#8
2-Chlorophenol
Concen: 46.938 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:128 Resp: 614165
Ion Ratio Lower Upper
128 100
130 32.3 11.1 51.1
64 47.0 31.9 71.9

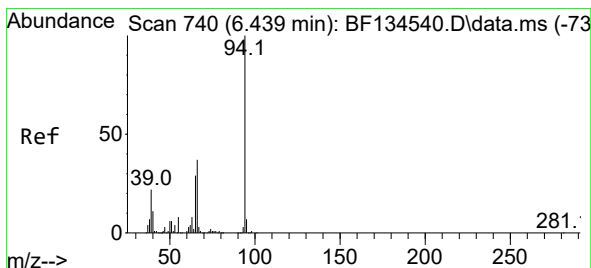
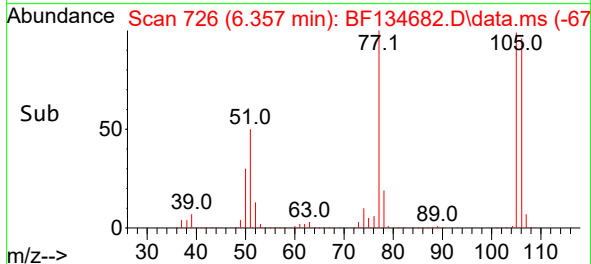
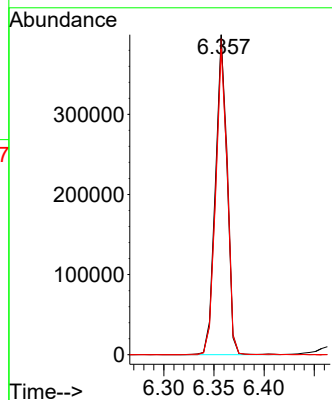
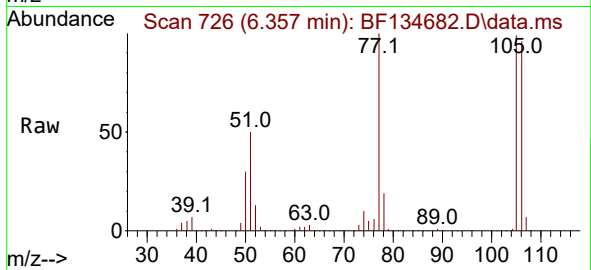




#9
Benzaldehyde
Concen: 40.374 ng
RT: 6.357 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

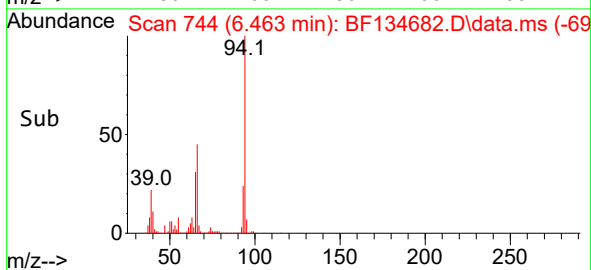
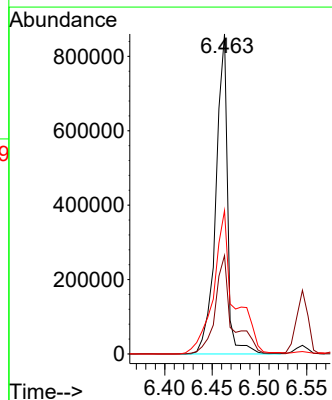
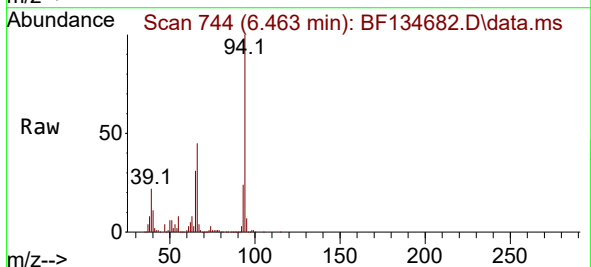
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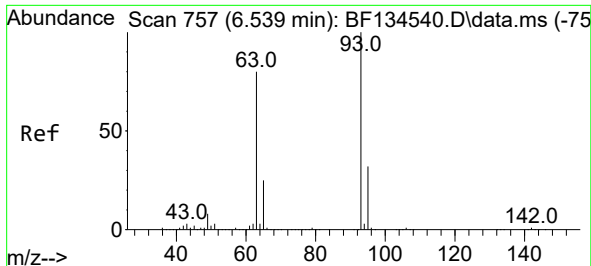
Tgt Ion: 77 Resp: 320820
Ion Ratio Lower Upper
77 100
105 98.7 77.1 117.1
106 95.6 71.4 111.4



#10
Phenol
Concen: 45.079 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.012 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion: 94 Resp: 736578
Ion Ratio Lower Upper
94 100
65 30.7 17.8 57.8
66 44.8 35.2 75.2

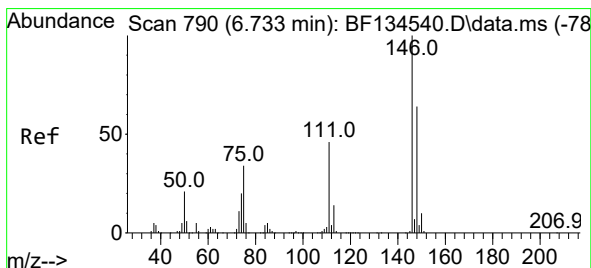
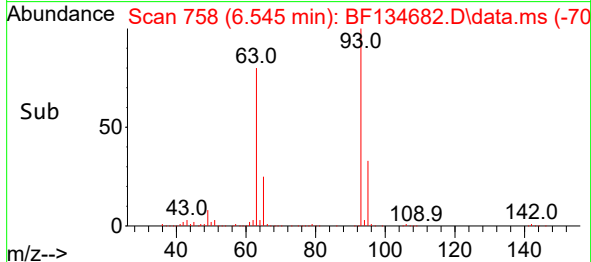
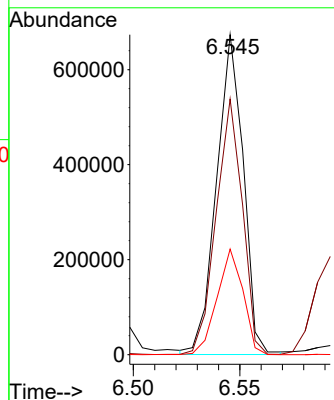
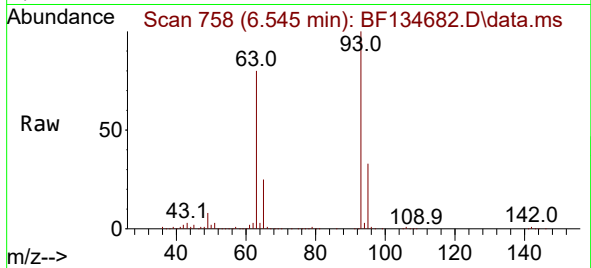




#11
bis(2-Chloroethyl)ether
Concen: 45.259 ng
RT: 6.545 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

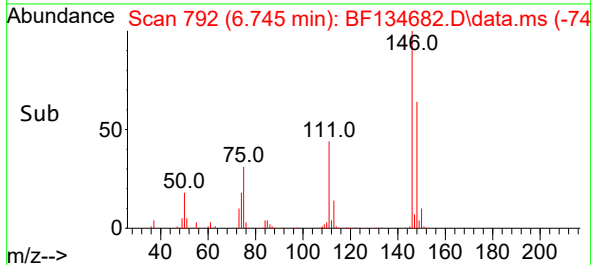
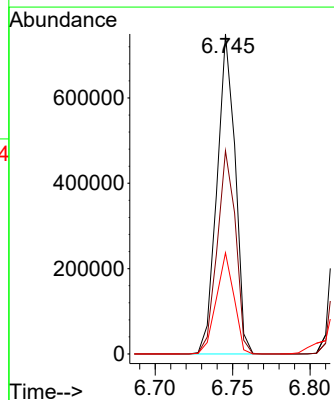
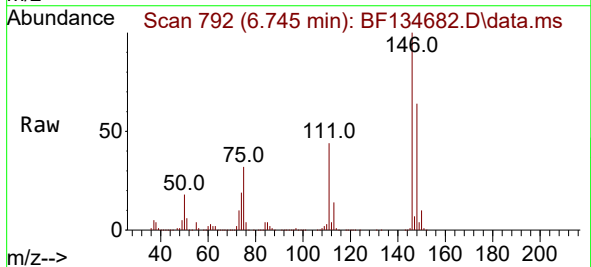
Instrument :
BNA_F
ClientSampleId :
OS-1MS

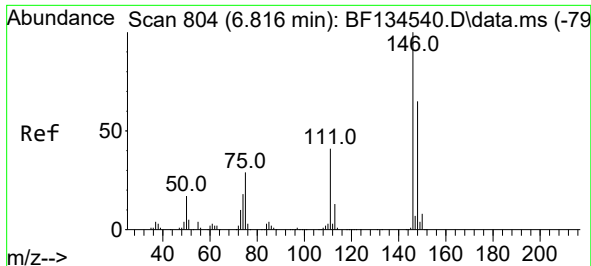
Tgt Ion: 93 Resp: 587473
Ion Ratio Lower Upper
93 100
63 79.9 68.4 108.4
95 33.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 45.141 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:146 Resp: 611108
Ion Ratio Lower Upper
146 100
148 63.5 49.7 74.5
75 31.6 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 45.559 ng

RT: 6.822 min Scan# 804

Delta R.T. 0.006 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

OS-1MS

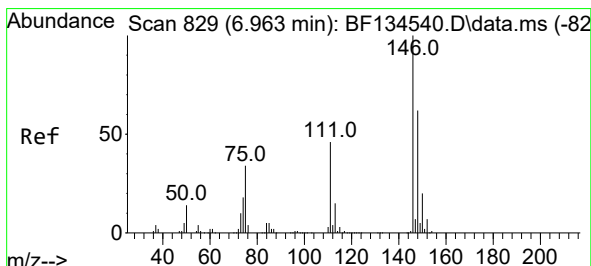
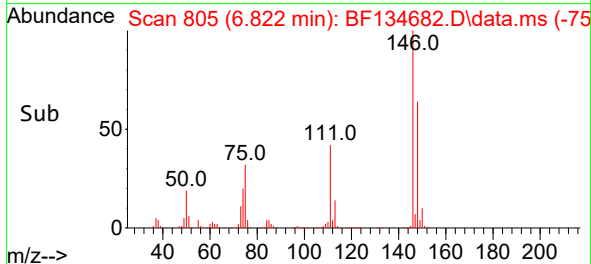
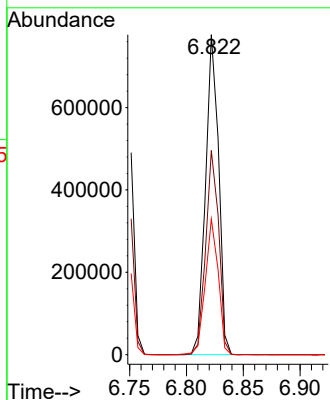
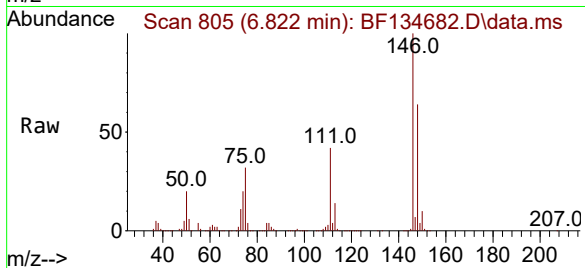
Tgt Ion:146 Resp: 618130

Ion Ratio Lower Upper

146 100

148 63.8 51.3 76.9

111 42.4 36.6 55.0



#14

1,2-Dichlorobenzene

Concen: 46.956 ng

RT: 6.975 min Scan# 831

Delta R.T. 0.006 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

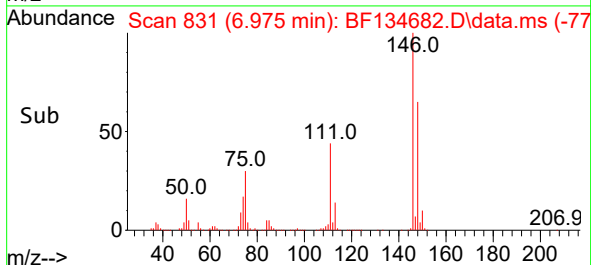
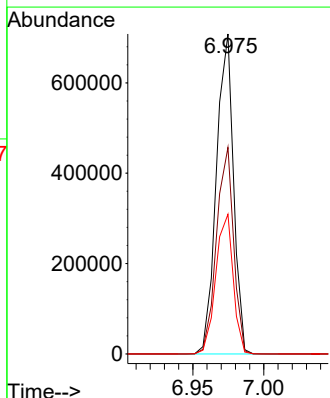
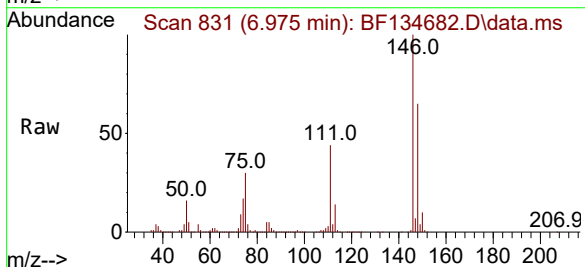
Tgt Ion:146 Resp: 593607

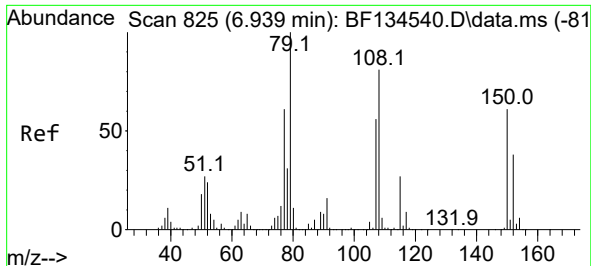
Ion Ratio Lower Upper

146 100

148 64.6 51.2 76.8

111 43.6 39.9 59.9

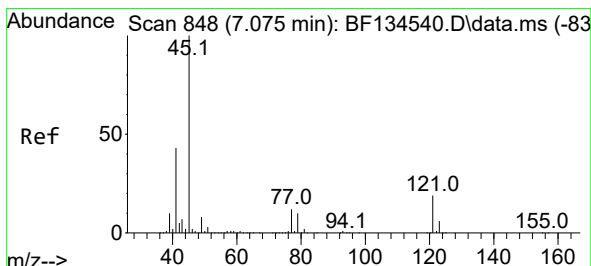
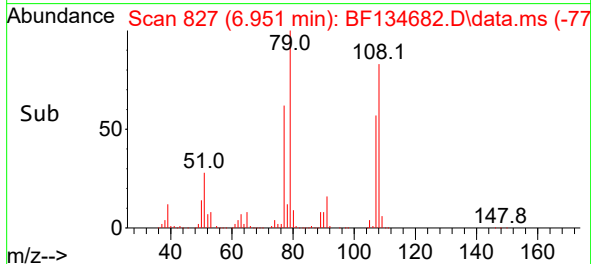
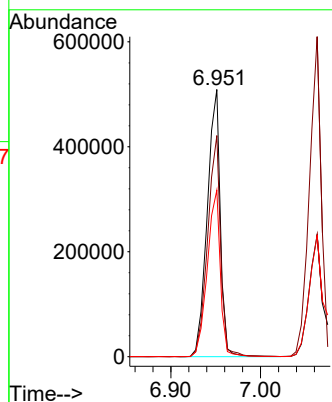
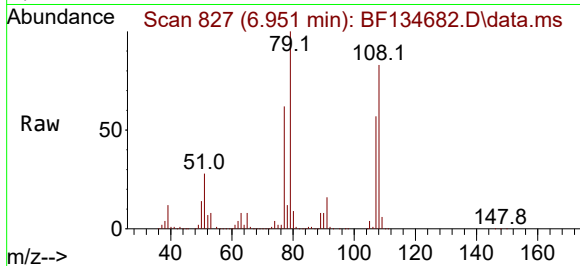




#15
Benzyl Alcohol
Concen: 44.964 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

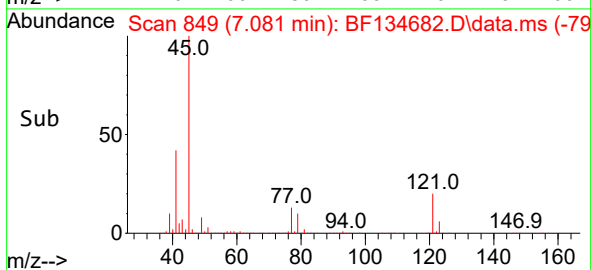
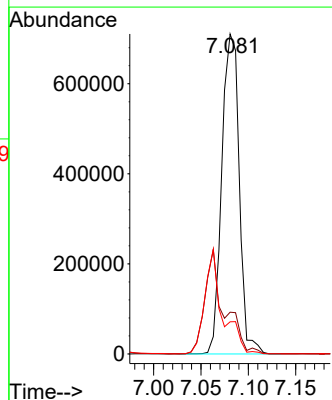
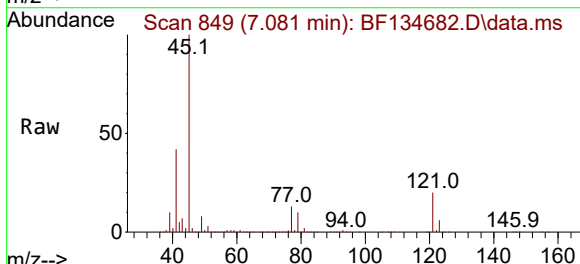
Instrument :
BNA_F
ClientSampleId :
OS-1MS

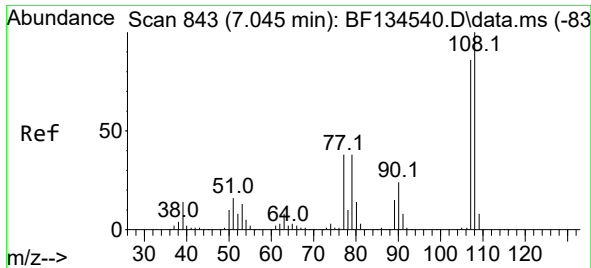
Tgt Ion: 79 Resp: 514333
Ion Ratio Lower Upper
79 100
108 82.7 56.3 84.5
77 62.3 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.758 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion: 45 Resp: 910185
Ion Ratio Lower Upper
45 100
77 13.0 0.0 37.8
79 10.0 0.0 34.5

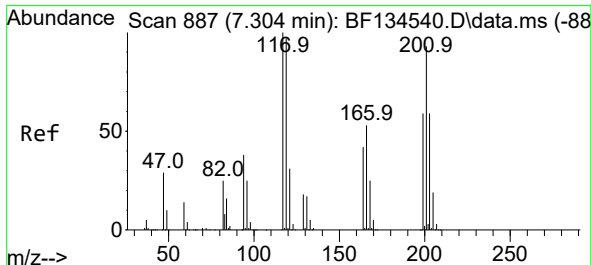
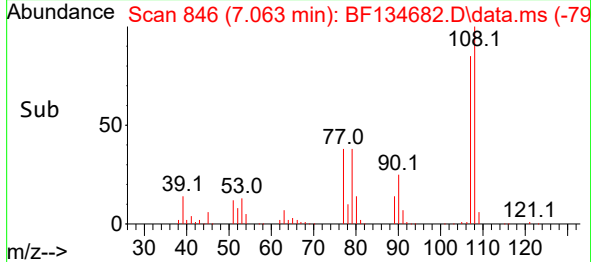
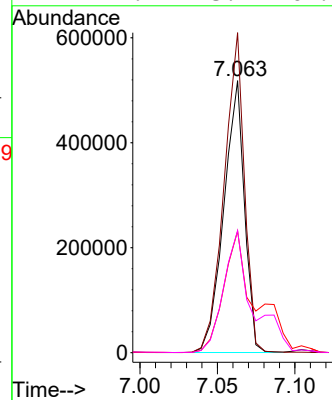
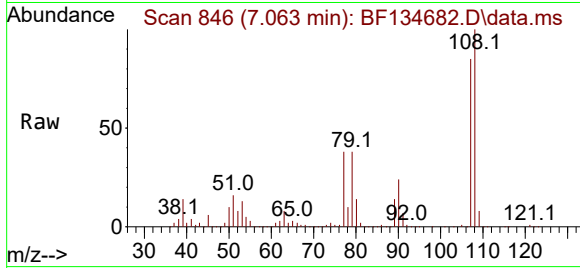




#17
2-Methylphenol
Concen: 41.687 ng
RT: 7.063 min Scan# 843
Delta R.T. 0.012 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

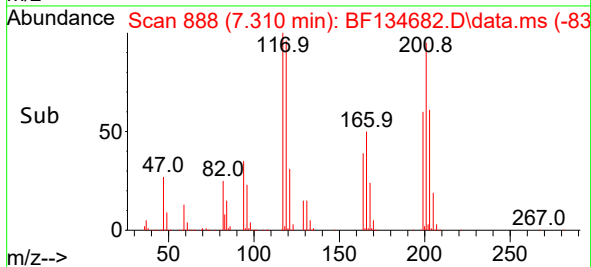
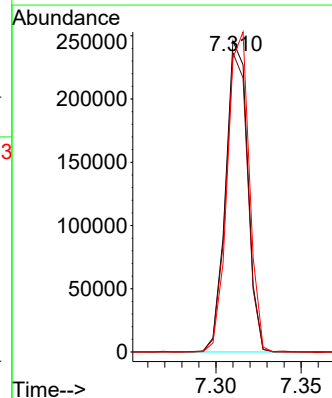
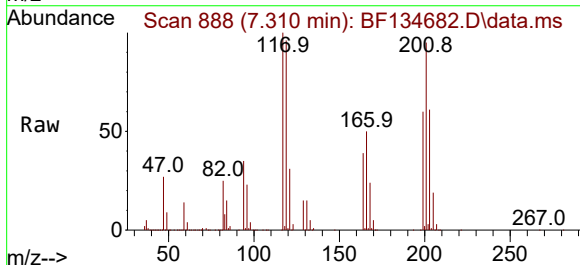
Instrument :
BNA_F
ClientSampleId :
OS-1MS

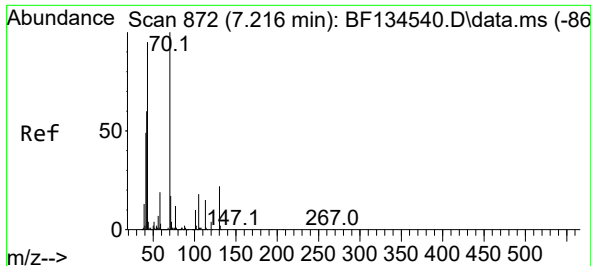
Tgt Ion:	107	Resp:	482007
Ion	Ratio	Lower	Upper
107	100		
108	117.6	89.4	134.2
77	44.7	42.4	63.6
79	44.9	43.1	64.7



#18
Hexachloroethane
Concen: 46.646 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:	117	Resp:	222121
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	94.6	73.6	110.4

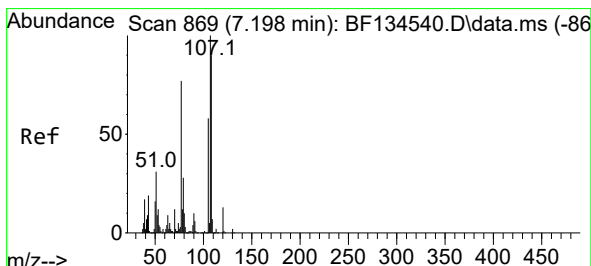
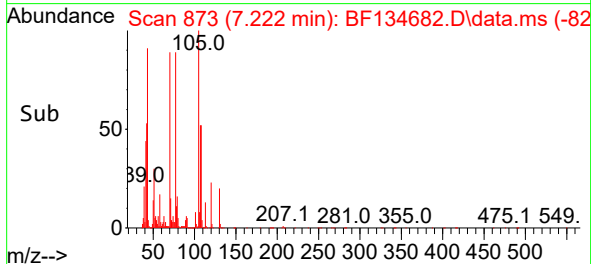
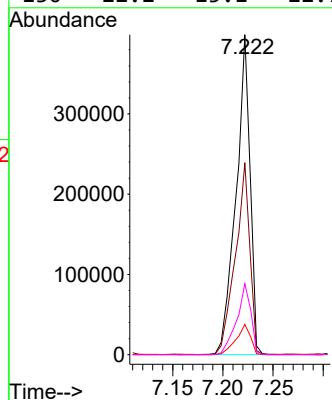
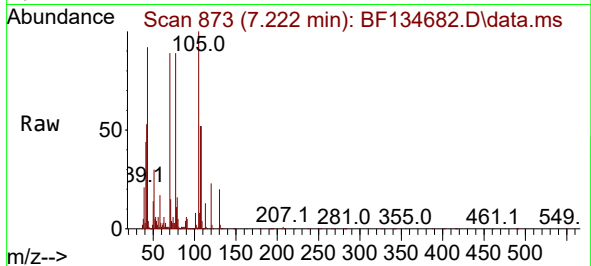




#19
n-Nitroso-di-n-propylamine
Concen: 39.244 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

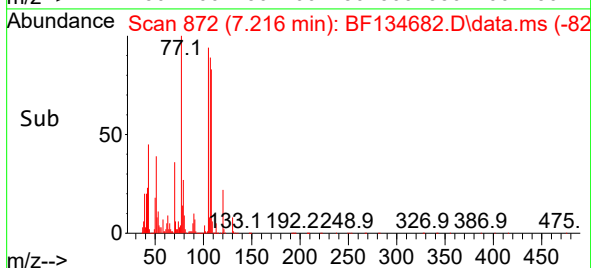
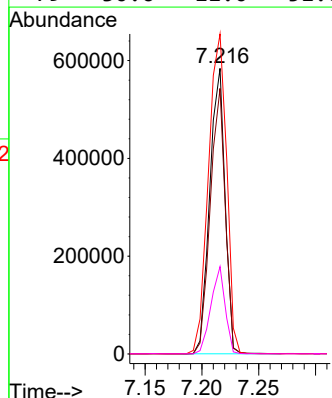
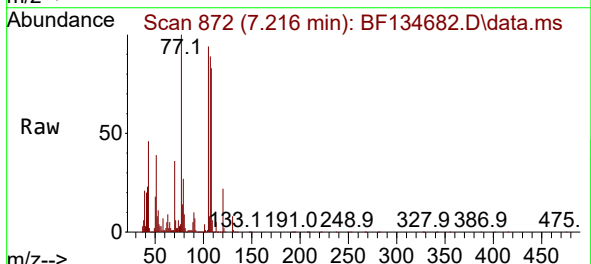
Instrument :
BNA_F
ClientSampleId :
OS-1MS

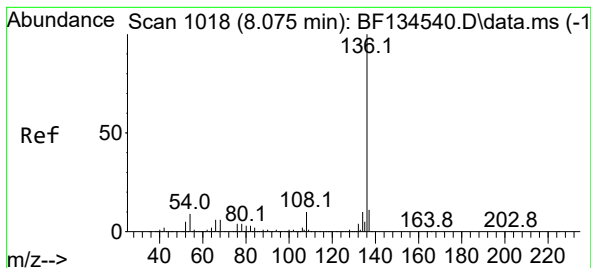
Tgt Ion: 70 Resp: 389592
Ion Ratio Lower Upper
70 100
42 60.0 54.7 82.1
101 9.4 8.2 12.2
130 22.2 15.1 22.7



#20
3+4-Methylphenols
Concen: 39.139 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion: 107 Resp: 545762
Ion Ratio Lower Upper
107 100
108 93.0 68.1 108.1
77 112.0 122.1 162.1#
79 30.6 11.0 51.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.086 min Scan# 1020

Delta R.T. 0.006 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

OS-1MS

Tgt Ion:136 Resp: 781999

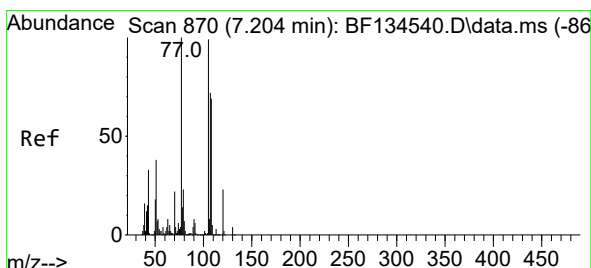
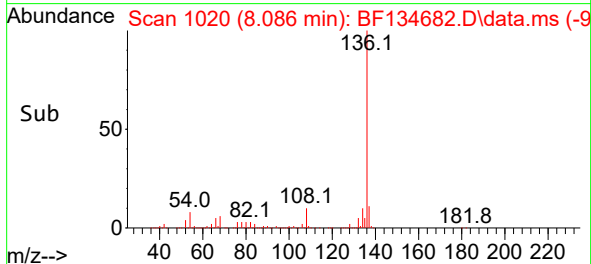
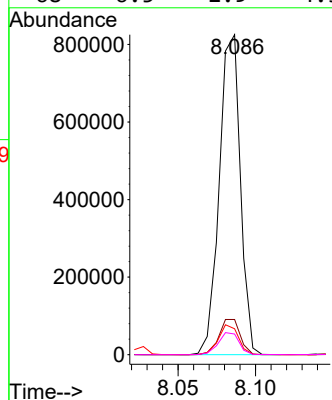
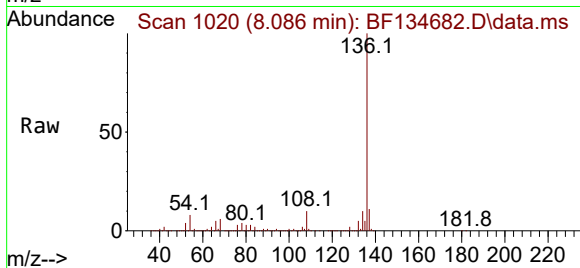
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 8.1 5.2 7.8#

68 6.5 2.9 4.3#



#22

Acetophenone

Concen: 40.730 ng

RT: 7.216 min Scan# 872

Delta R.T. 0.000 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

Tgt Ion:105 Resp: 735298

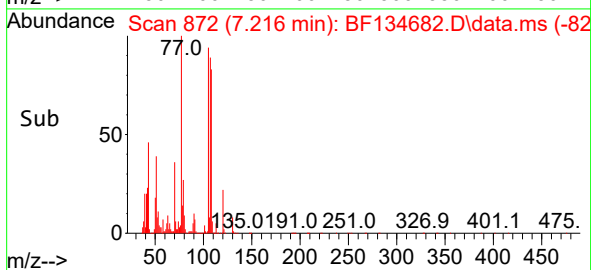
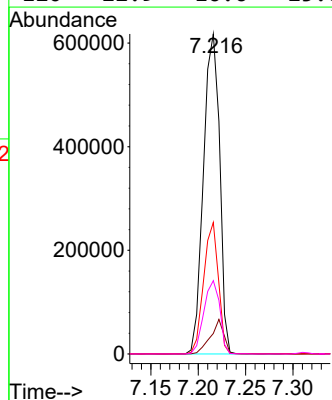
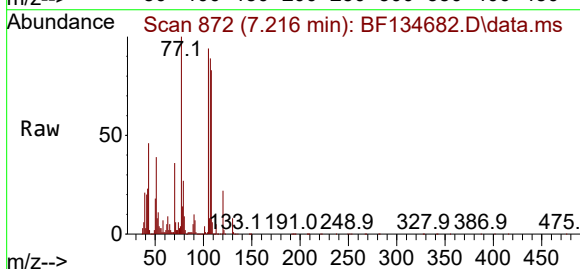
Ion Ratio Lower Upper

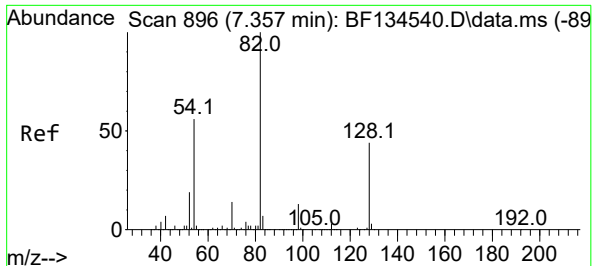
105 100

71 6.4 7.4 11.0#

51 41.1 36.4 54.6

120 22.9 16.6 25.0





#23

Nitrobenzene-d5

Concen: 74.473 ng

RT: 7.369 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

OS-1MS

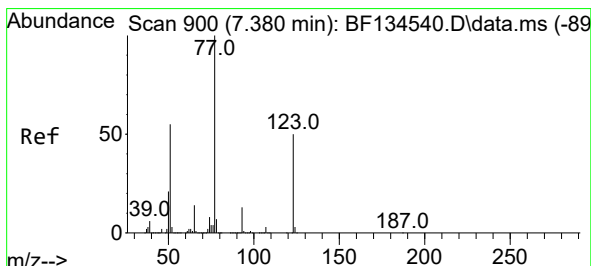
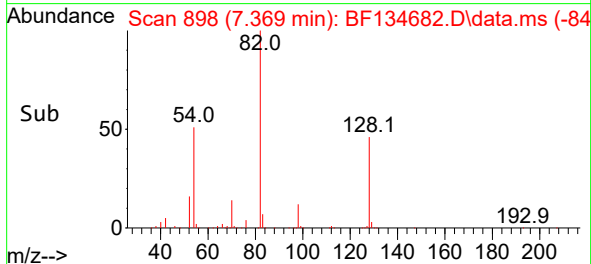
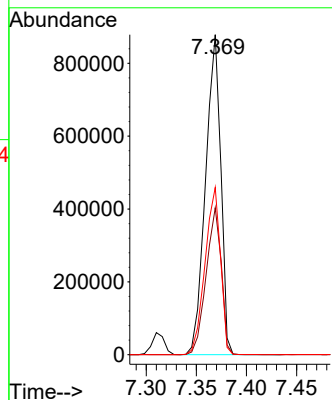
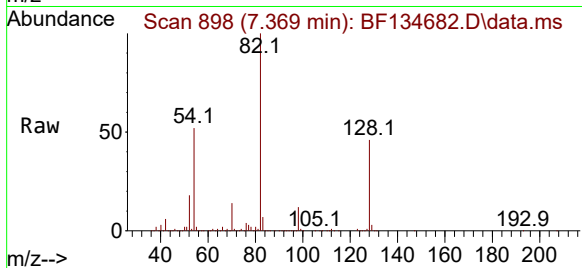
Tgt Ion: 82 Resp: 931909

Ion Ratio Lower Upper

82 100

128 45.9 34.3 51.5

54 52.3 43.8 65.6



#24

Nitrobenzene

Concen: 46.184 ng

RT: 7.386 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

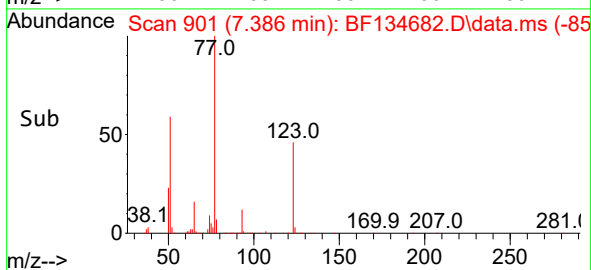
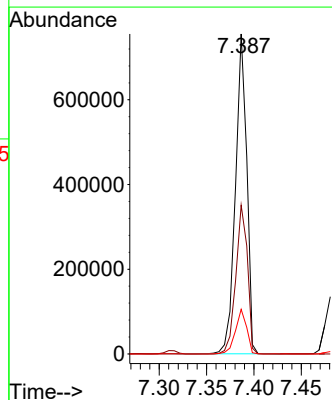
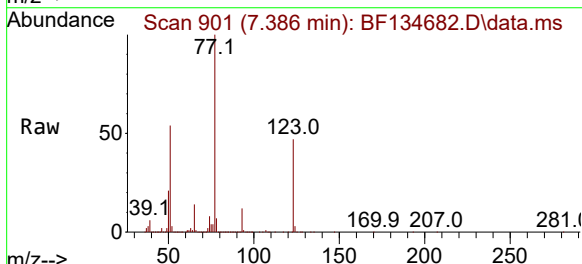
Tgt Ion: 77 Resp: 624361

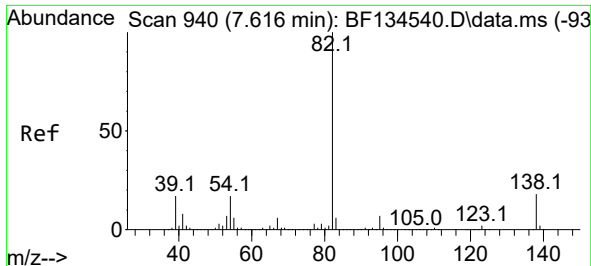
Ion Ratio Lower Upper

77 100

123 46.5 35.5 53.3

65 13.9 11.9 17.9

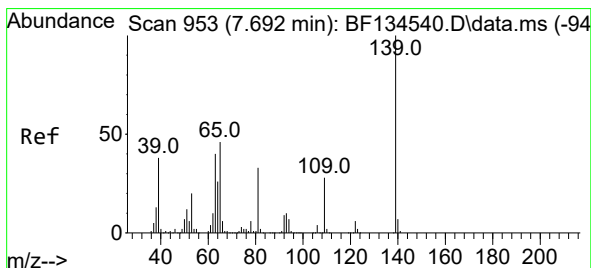
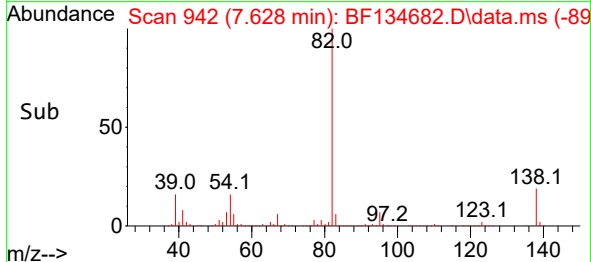
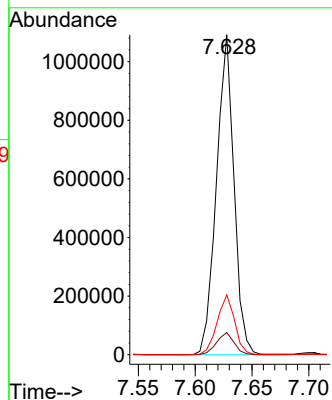
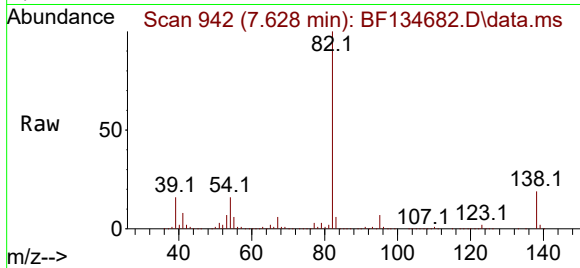




#25
Isophorone
Concen: 43.019 ng
RT: 7.628 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

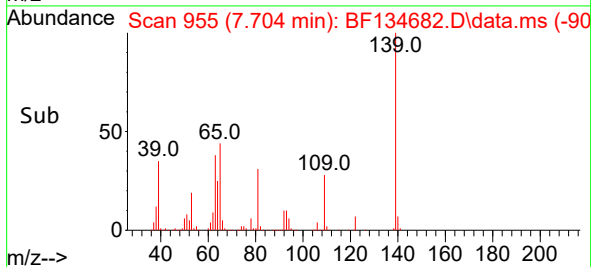
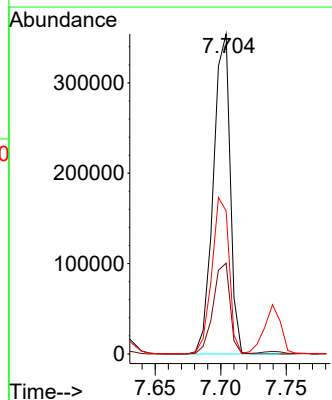
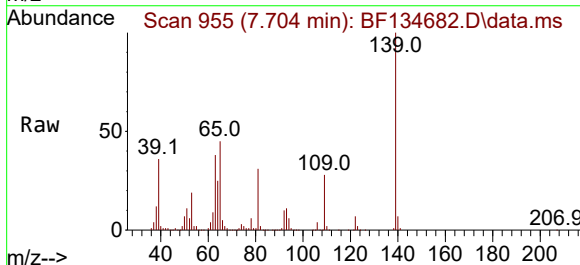
Instrument :
BNA_F
ClientSampleId :
OS-1MS

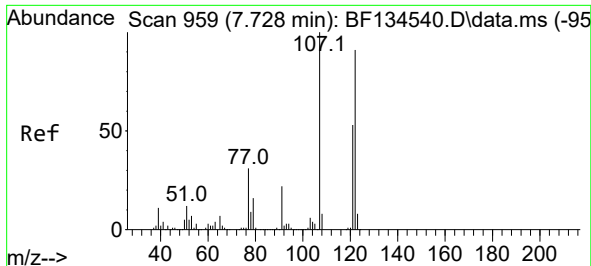
Tgt Ion: 82 Resp: 1174120
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 18.7 14.6 22.0



#26
2-Nitrophenol
Concen: 54.231 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion: 139 Resp: 315951
Ion Ratio Lower Upper
139 100
109 28.3 29.8 44.6#
65 44.7 45.4 68.2#

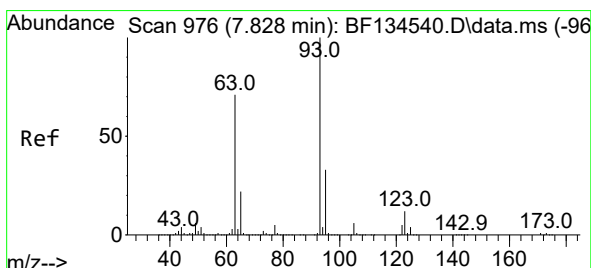
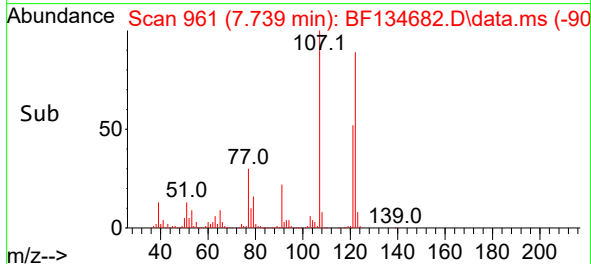
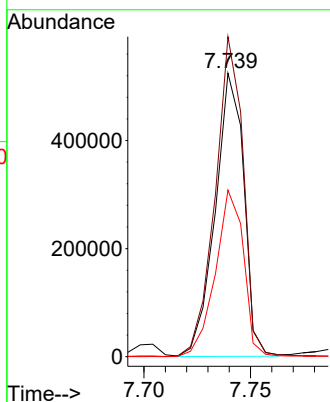
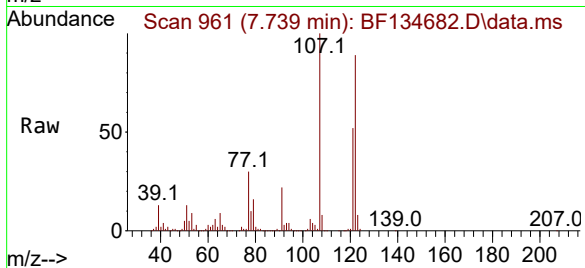




#27
2,4-Dimethylphenol
Concen: 40.103 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

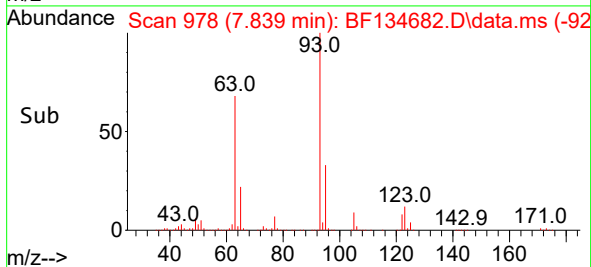
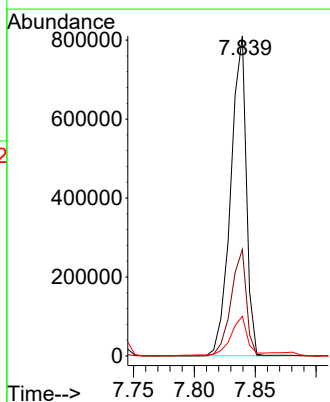
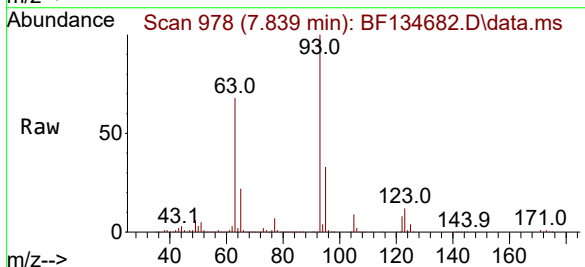
Instrument :
BNA_F
ClientSampleId :
OS-1MS

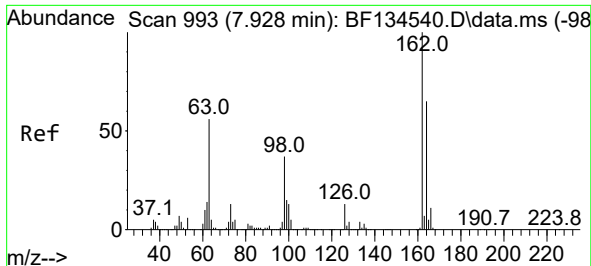
Tgt Ion:122 Resp: 488370
Ion Ratio Lower Upper
122 100
107 112.9 106.7 160.1
121 58.8 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.196 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion: 93 Resp: 721577
Ion Ratio Lower Upper
93 100
95 33.3 26.5 39.7
123 12.4 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 45.853 ng

RT: 7.945 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

OS-1MS

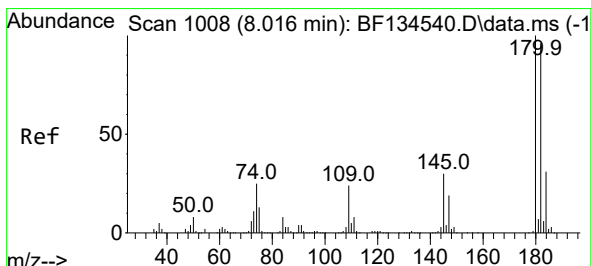
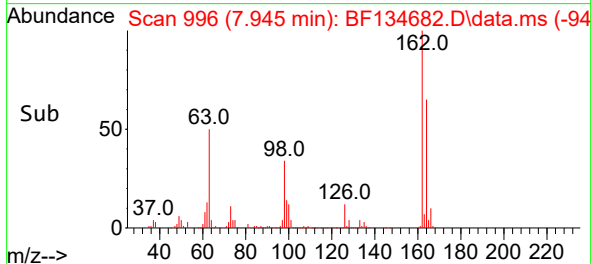
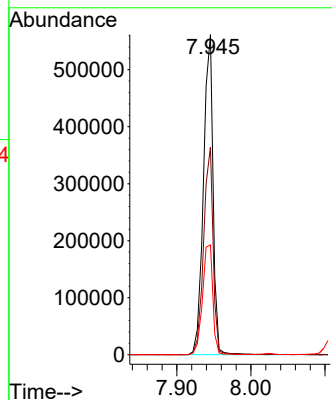
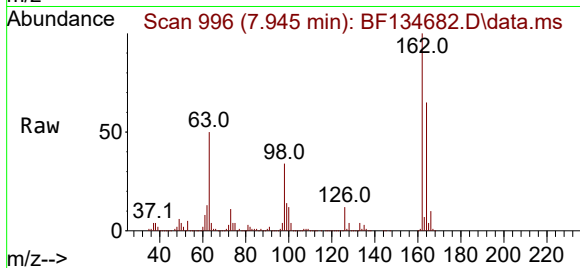
Tgt Ion:162 Resp: 506806

Ion Ratio Lower Upper

162 100

164 64.9 42.2 82.2

98 34.3 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 45.660 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.006 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

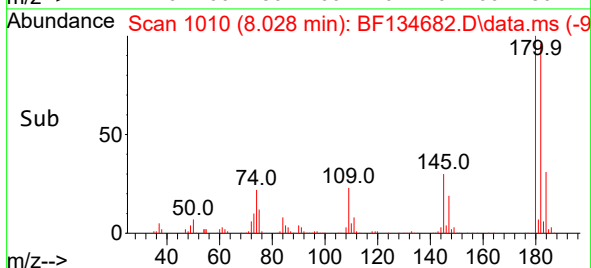
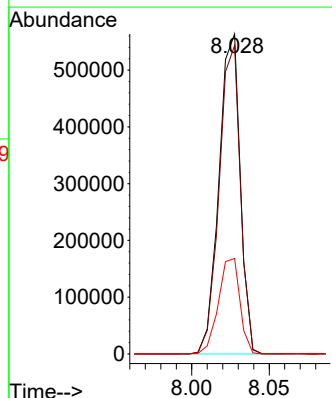
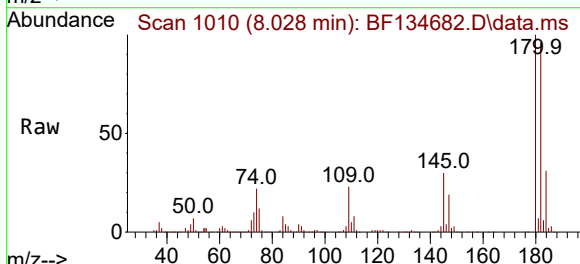
Tgt Ion:180 Resp: 538163

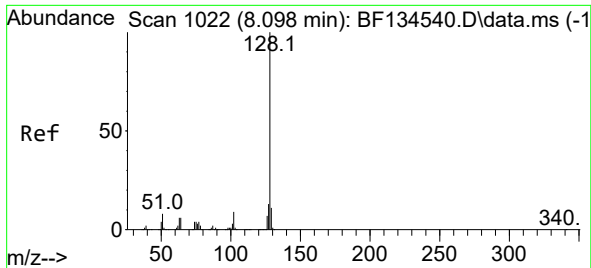
Ion Ratio Lower Upper

180 100

182 96.4 75.0 112.6

145 29.9 25.5 38.3





#31

Naphthalene

Concen: 42.056 ng

RT: 8.104 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

OS-1MS

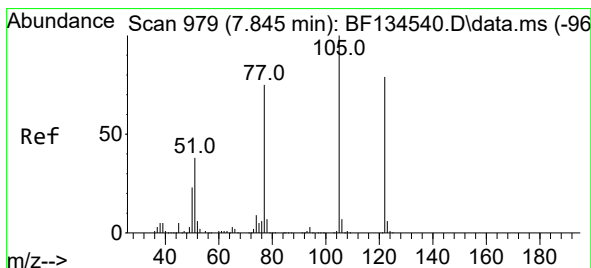
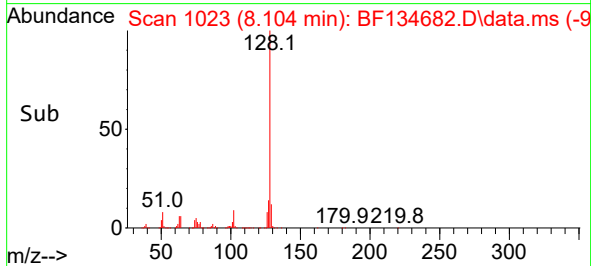
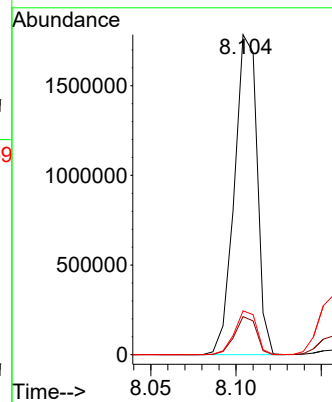
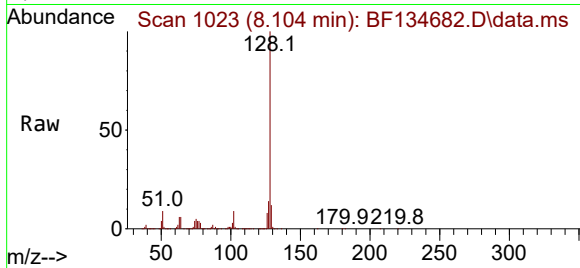
Tgt Ion:128 Resp: 1652869

Ion Ratio Lower Upper

128 100

129 11.9 8.4 12.6

127 13.7 10.7 16.1



#32

Benzoic acid

Concen: 50.353 ng

RT: 7.881 min Scan# 985

Delta R.T. 0.018 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

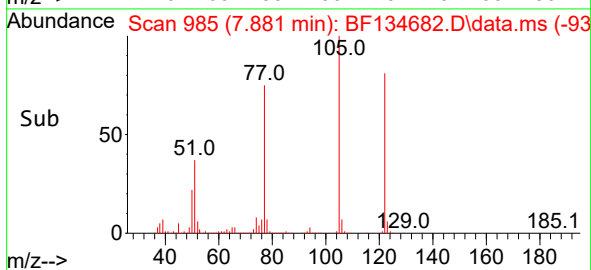
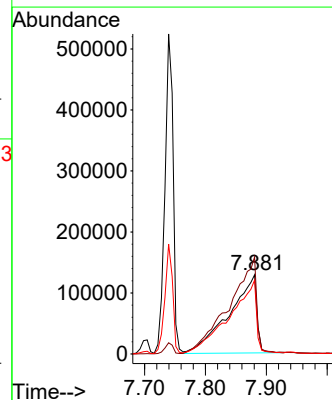
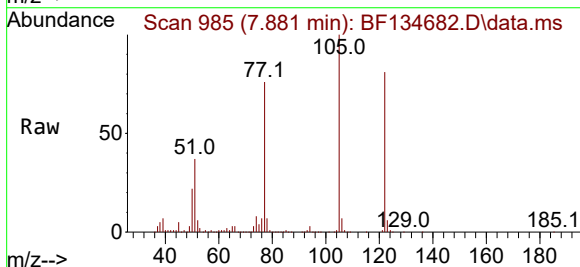
Tgt Ion:122 Resp: 403669

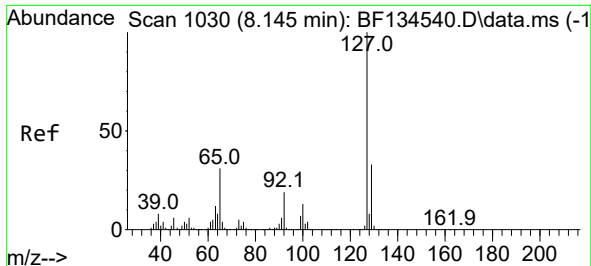
Ion Ratio Lower Upper

122 100

105 122.7 87.5 127.5

77 93.4 71.4 111.4

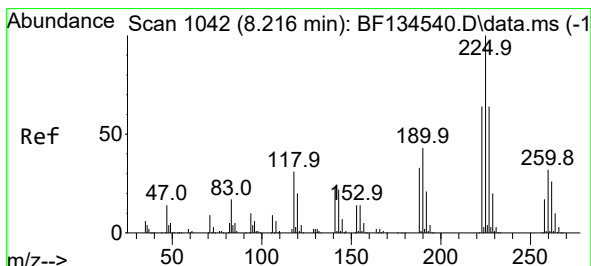
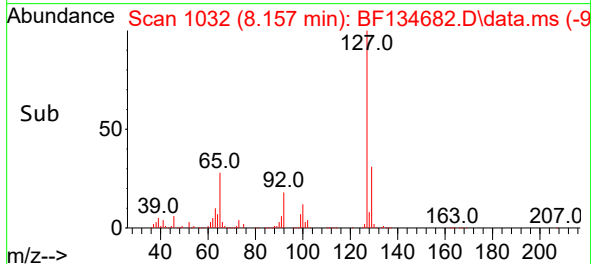
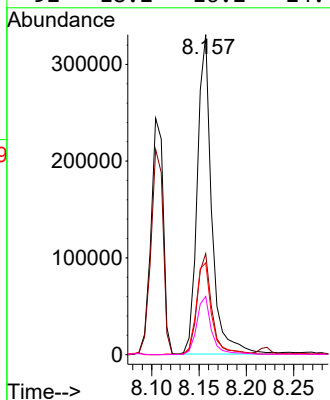
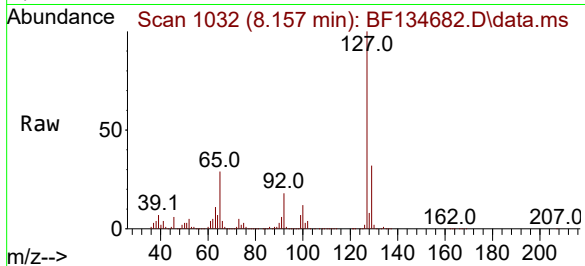




#33
4-Chloroaniline
Concen: 20.057 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

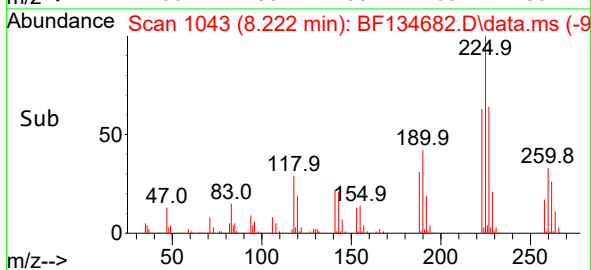
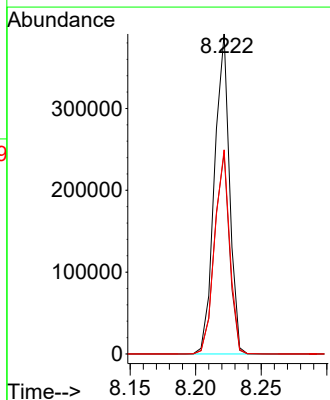
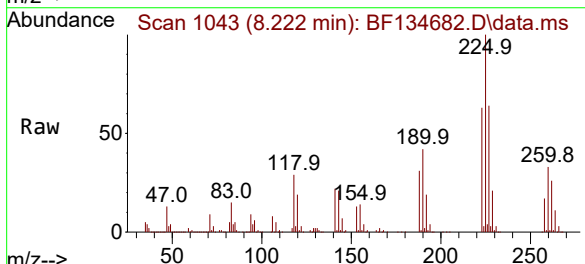
Instrument :
BNA_F
ClientSampleId :
OS-1MS

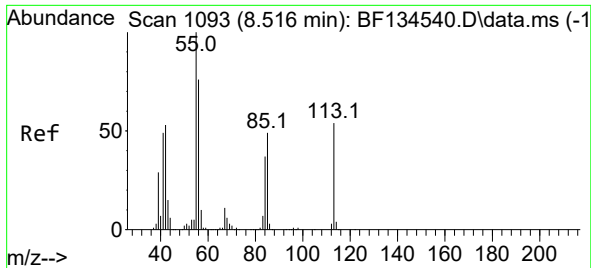
Tgt Ion:	127	Resp:	351238
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.6	38.4
65	28.7	25.4	38.0
92	18.2	16.2	24.4



#34
Hexachlorobutadiene
Concen: 45.872 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:	225	Resp:	311865
Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.2	72.4
227	63.8	48.5	72.7

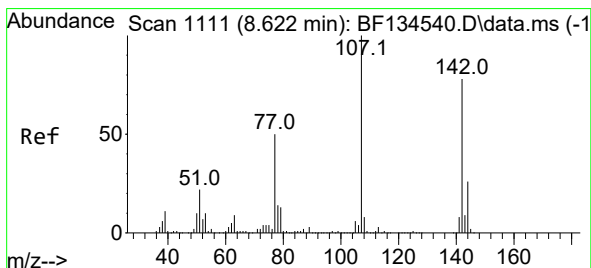
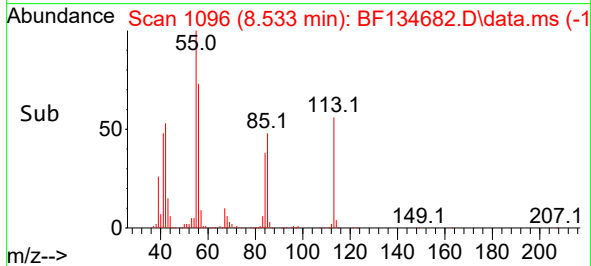
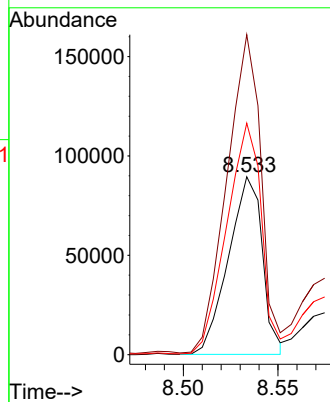
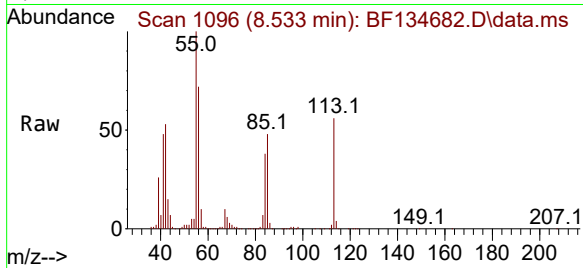




#35
 Caprolactam
 Concen: 31.246 ng
 RT: 8.533 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF134682.D
 Acq: 09 Aug 2023 10:30

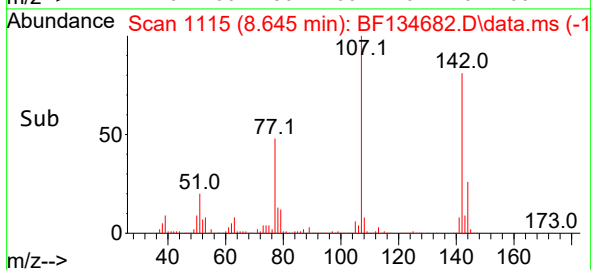
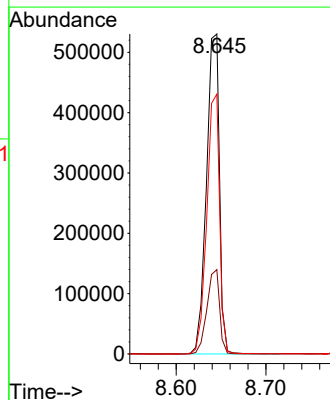
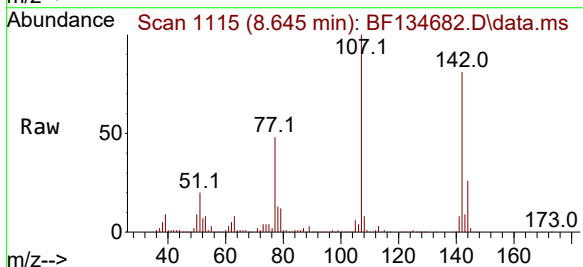
Instrument :
 BNA_F
 ClientSampleId :
 OS-1MS

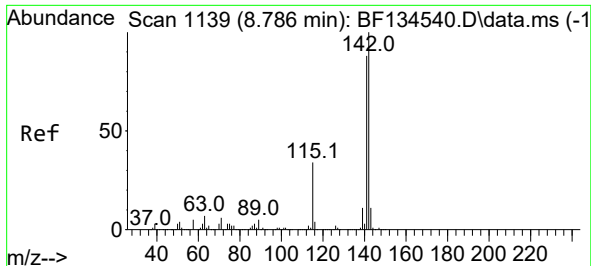
Tgt Ion:113 Resp: 111422
 Ion Ratio Lower Upper
 113 100
 55 179.8 161.5 201.5
 56 130.1 117.8 157.8



#36
 4-Chloro-3-methylphenol
 Concen: 45.607 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.012 min
 Lab File: BF134682.D
 Acq: 09 Aug 2023 10:30

Tgt Ion:107 Resp: 533852
 Ion Ratio Lower Upper
 107 100
 144 26.4 19.6 29.4
 142 81.2 57.7 86.5

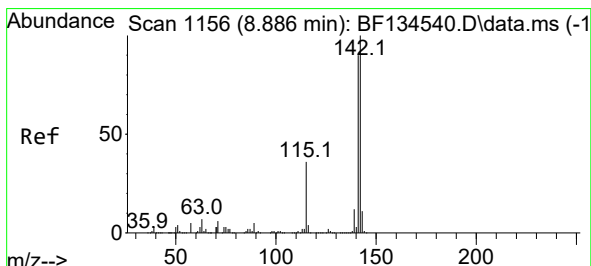
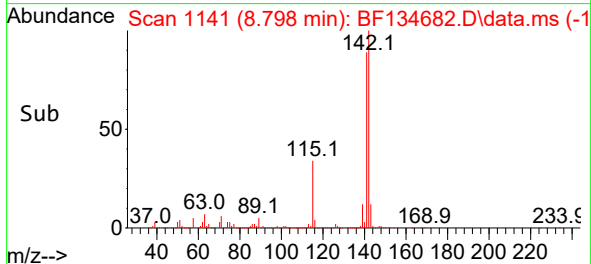
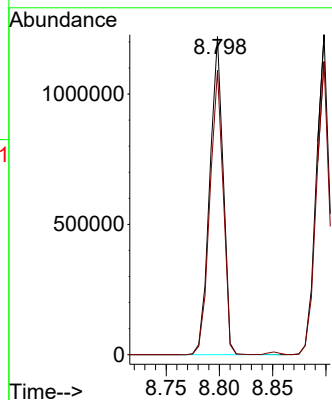
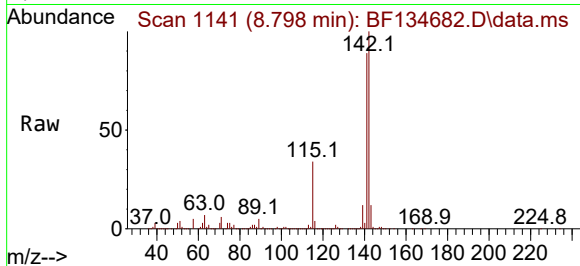




#37
2-Methylnaphthalene
Concen: 41.003 ng
RT: 8.798 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

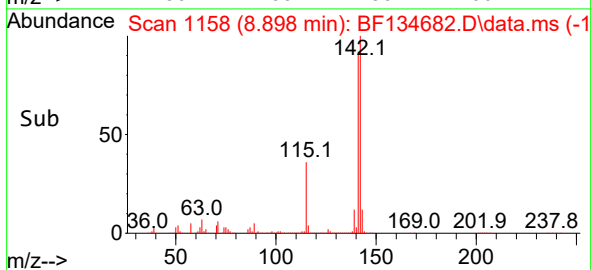
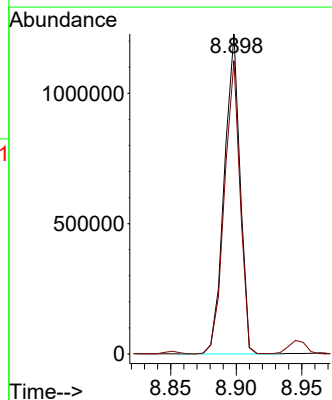
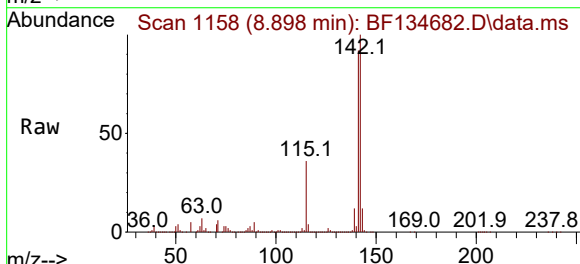
Instrument :
BNA_F
ClientSampleId :
OS-1MS

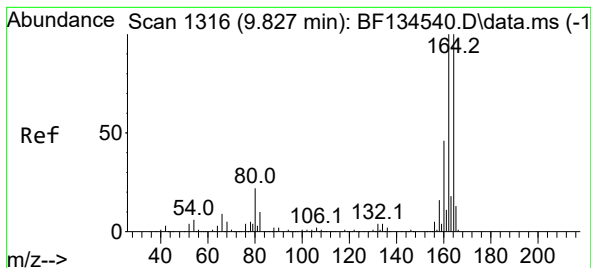
Tgt Ion:142 Resp: 1068155
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2



#38
1-Methylnaphthalene
Concen: 42.348 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:142 Resp: 1025849
Ion Ratio Lower Upper
142 100
141 91.7 71.4 107.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1118

Delta R.T. 0.006 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

OS-1MS

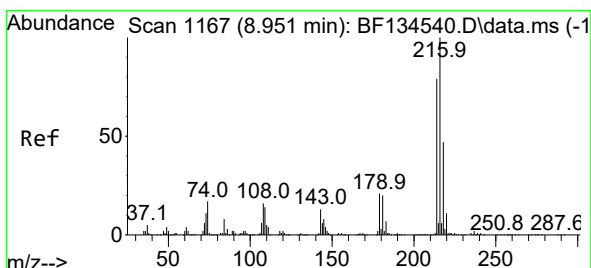
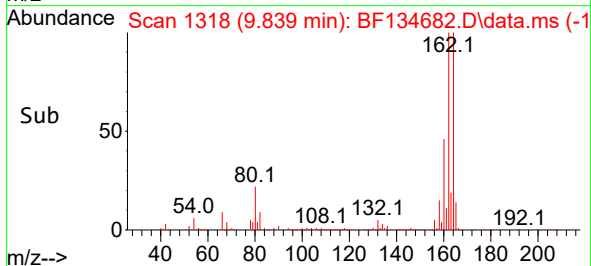
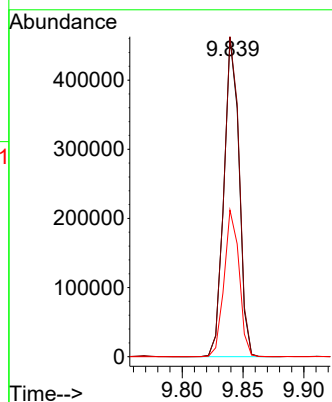
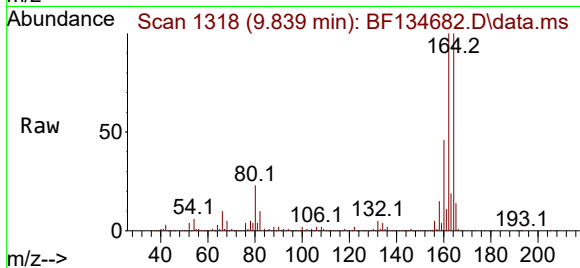
Tgt Ion:164 Resp: 399436

Ion Ratio Lower Upper

164 100

162 100.4 82.6 123.8

160 46.0 37.2 55.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.198 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.006 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

Tgt Ion:216 Resp: 524983

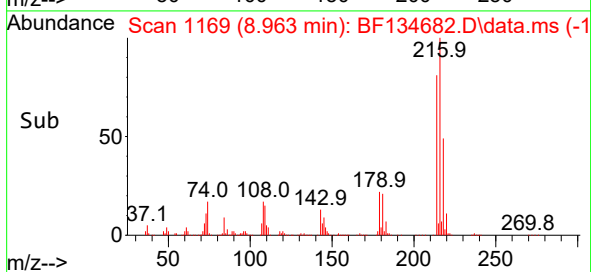
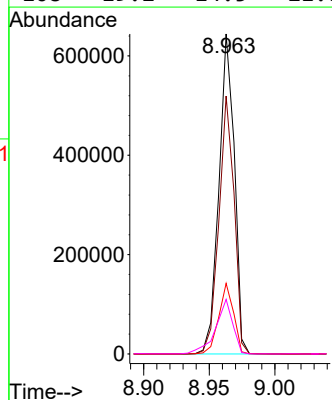
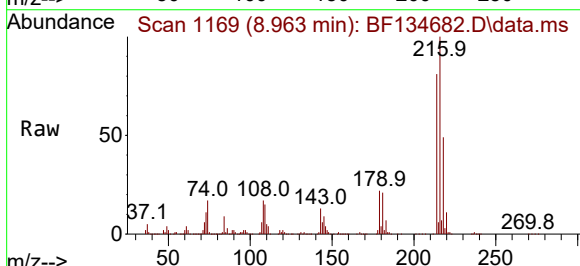
Ion Ratio Lower Upper

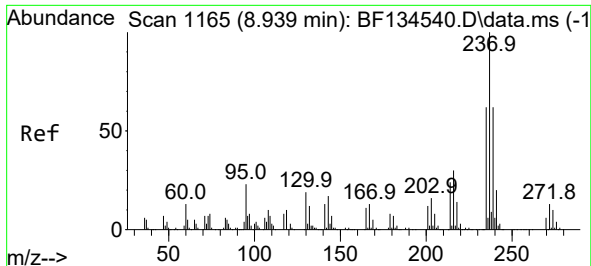
216 100

214 79.4 62.3 93.5

179 21.3 17.4 26.0

108 19.2 14.5 21.7

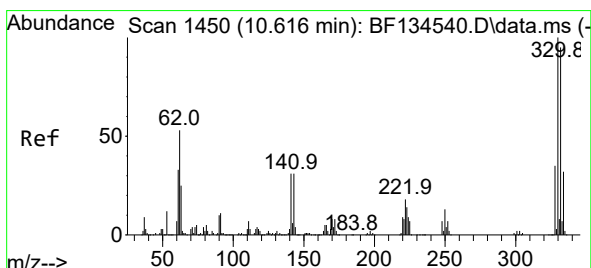
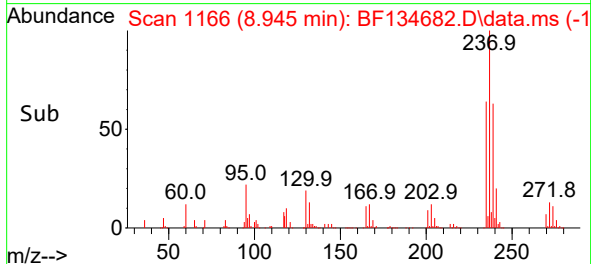
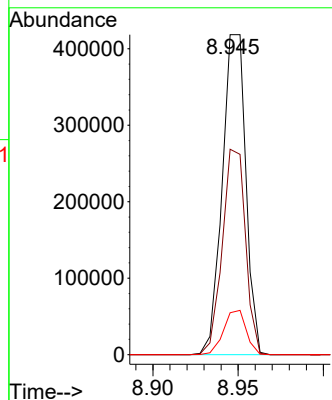
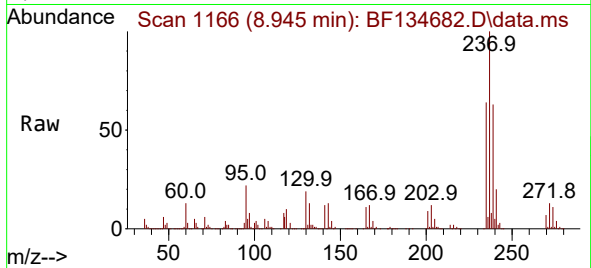




#41
Hexachlorocyclopentadiene
Concen: 71.461 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

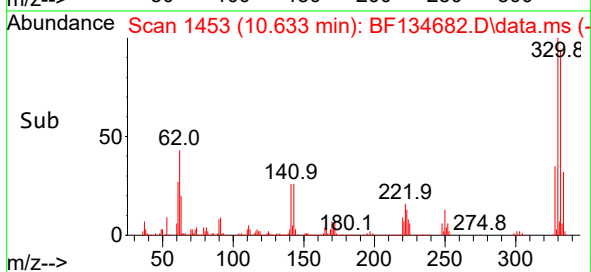
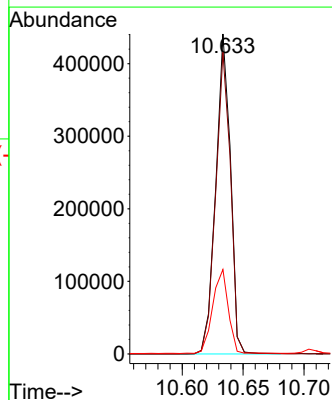
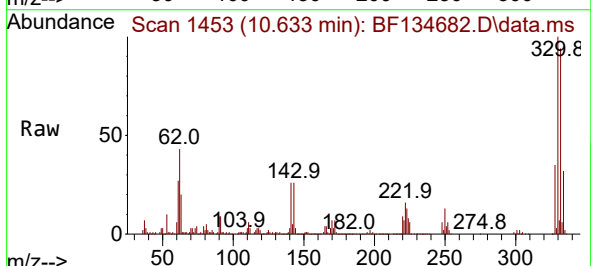
Instrument :
BNA_F
ClientSampleId :
OS-1MS

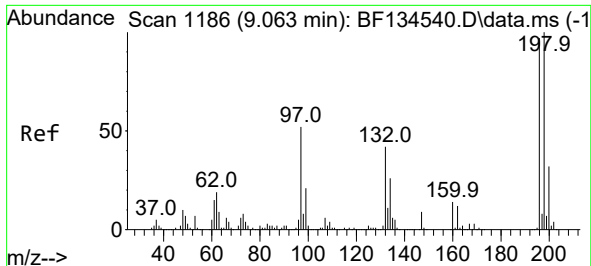
Tgt Ion:237 Resp: 403640
Ion Ratio Lower Upper
237 100
235 64.2 37.0 77.0
272 13.1 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 90.883 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:330 Resp: 370063
Ion Ratio Lower Upper
330 100
332 95.2 78.8 118.2
141 27.9 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 47.820 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

OS-1MS

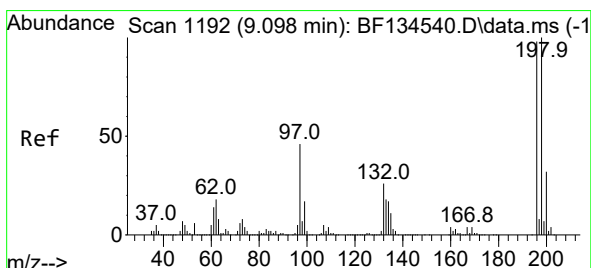
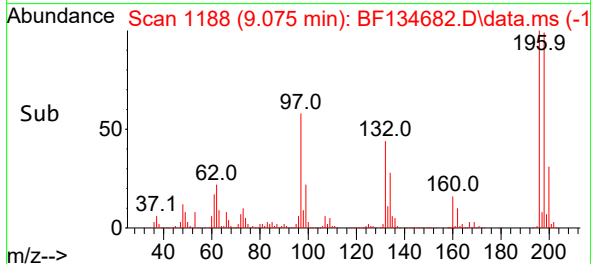
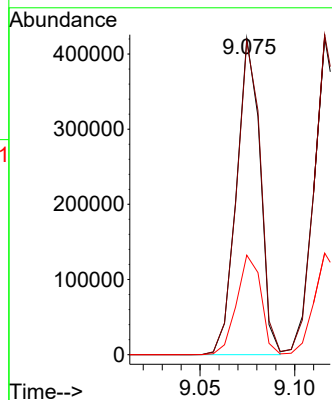
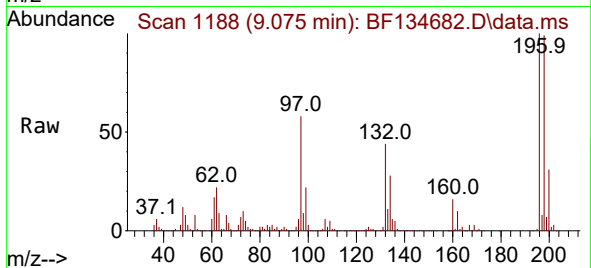
Tgt Ion:196 Resp: 363514

Ion Ratio Lower Upper

196 100

198 99.0 77.4 116.2

200 31.4 25.4 38.2



#44

2,4,5-Trichlorophenol

Concen: 44.212 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

Tgt Ion:196 Resp: 384122

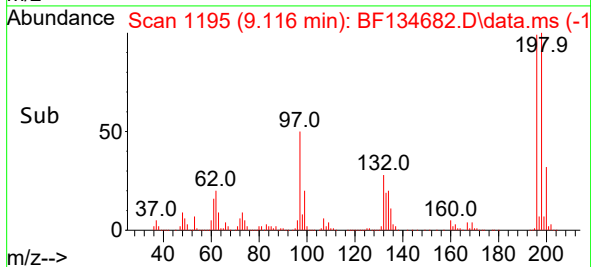
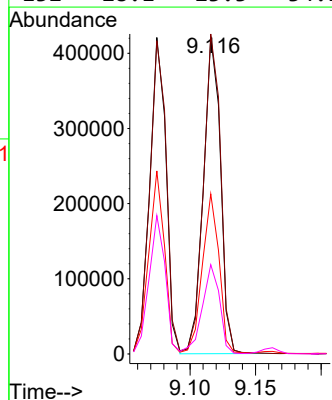
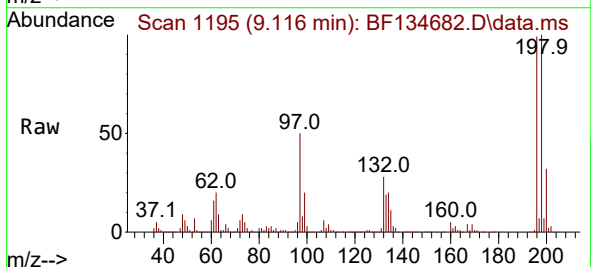
Ion Ratio Lower Upper

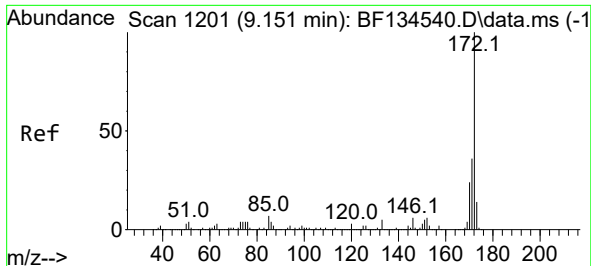
196 100

198 100.8 73.0 109.4

97 50.4 40.8 61.2

132 28.1 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 69.235 ng

RT: 9.163 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

OS-1MS

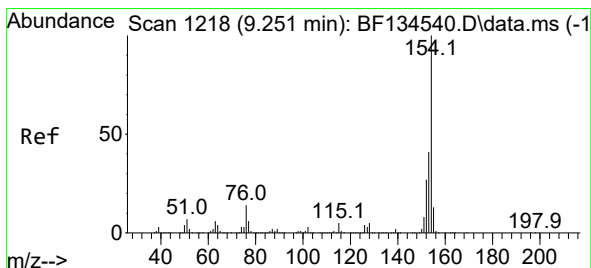
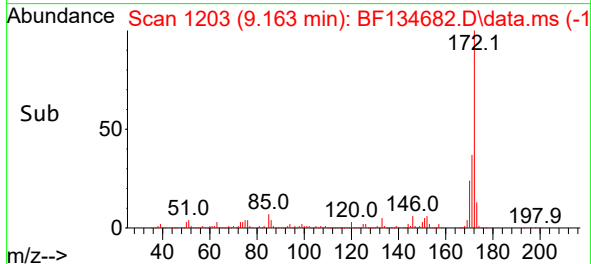
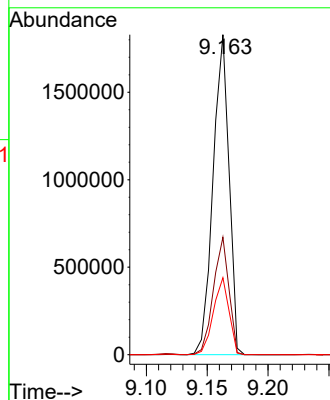
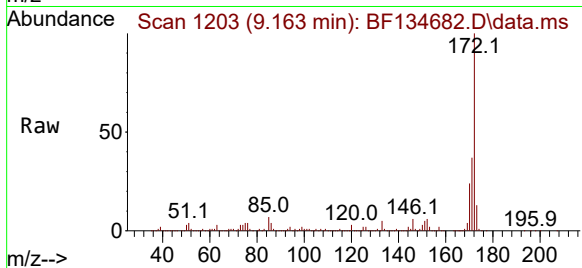
Tgt Ion:172 Resp: 1663260

Ion Ratio Lower Upper

172 100

171 36.7 28.8 43.2

170 24.1 18.7 28.1



#46

1,1'-Biphenyl

Concen: 43.447 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

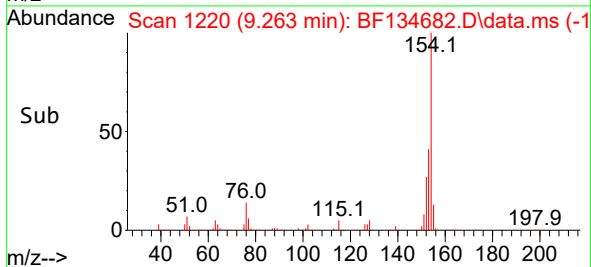
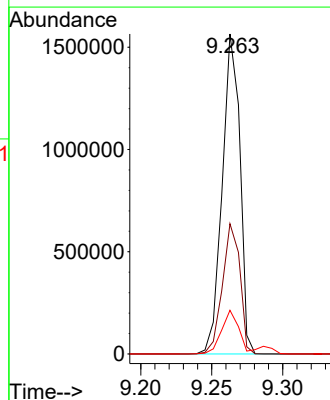
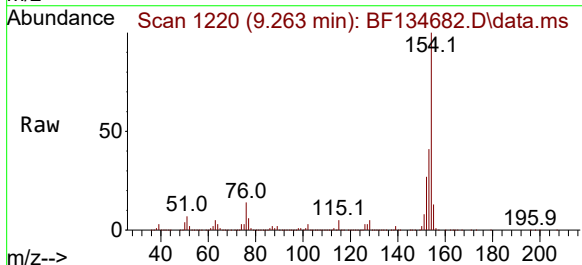
Tgt Ion:154 Resp: 1349533

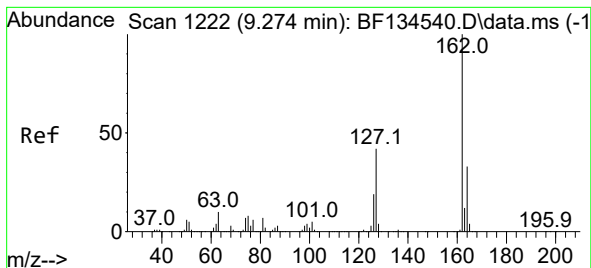
Ion Ratio Lower Upper

154 100

153 40.7 20.8 60.8

76 13.6 0.0 30.2





#47

2-Chloronaphthalene

Concen: 44.414 ng

RT: 9.286 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

OS-1MS

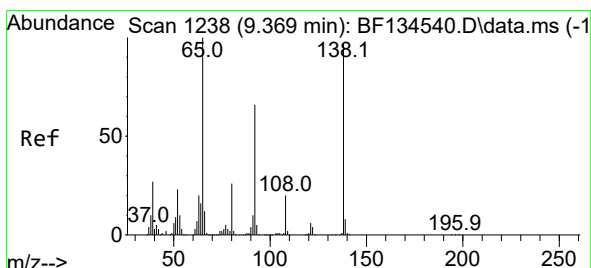
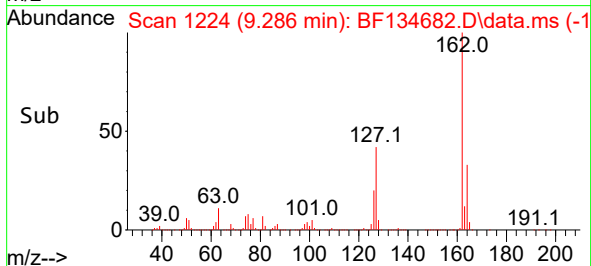
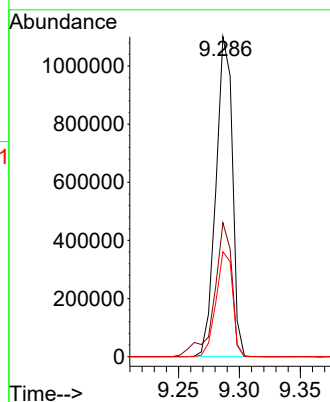
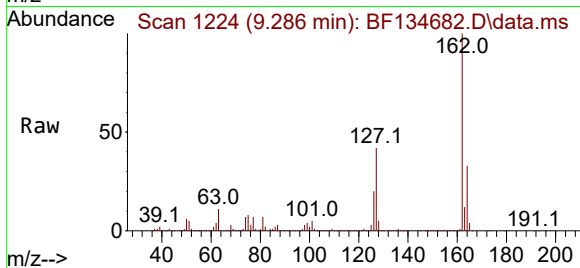
Tgt Ion:162 Resp: 1033702

Ion Ratio Lower Upper

162 100

127 41.9 34.0 51.0

164 32.8 25.7 38.5



#48

2-Nitroaniline

Concen: 47.941 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.006 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

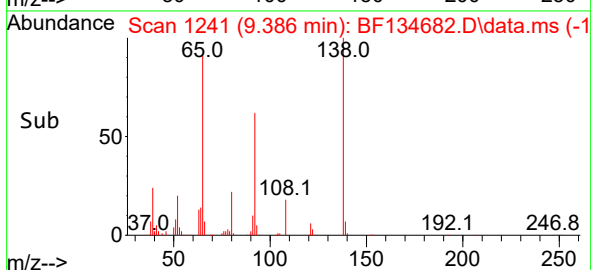
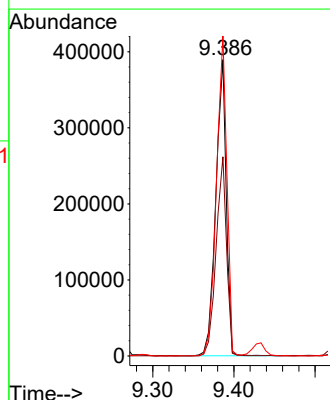
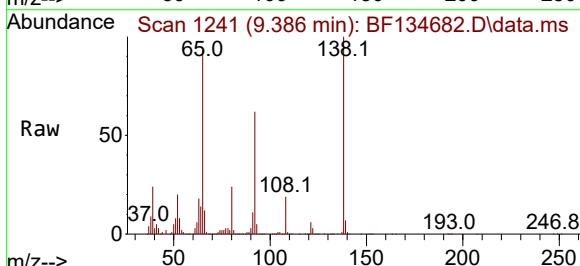
Tgt Ion: 65 Resp: 347830

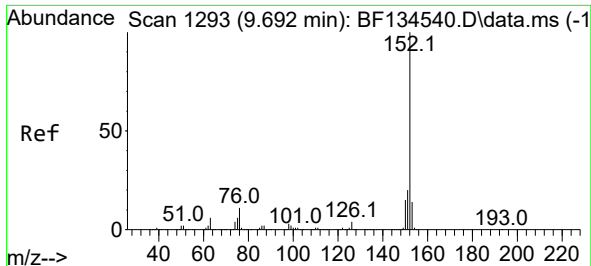
Ion Ratio Lower Upper

65 100

92 67.3 50.7 76.1

138 108.0 78.2 117.4





#49

Acenaphthylene

Concen: 42.379 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

OS-1MS

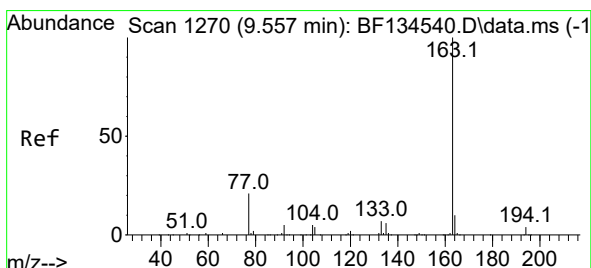
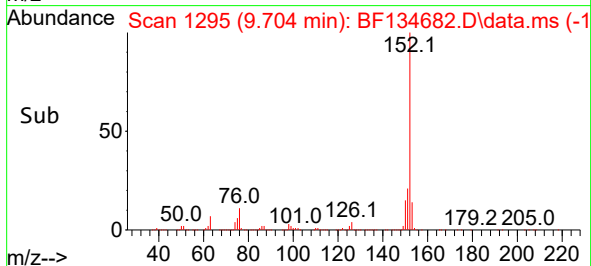
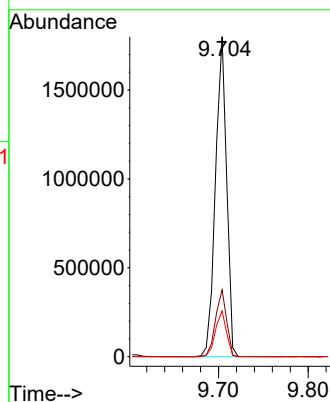
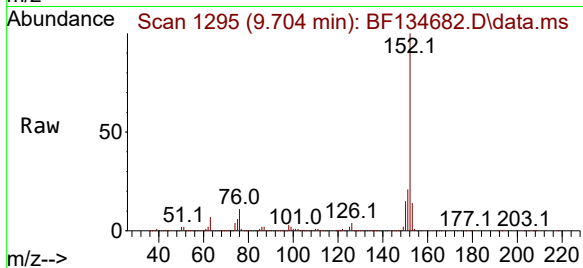
Tgt Ion:152 Resp: 1550431

Ion Ratio Lower Upper

152 100

151 20.9 16.4 24.6

153 14.3 10.9 16.3



#50

Dimethylphthalate

Concen: 46.109 ng

RT: 9.569 min Scan# 1272

Delta R.T. 0.000 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

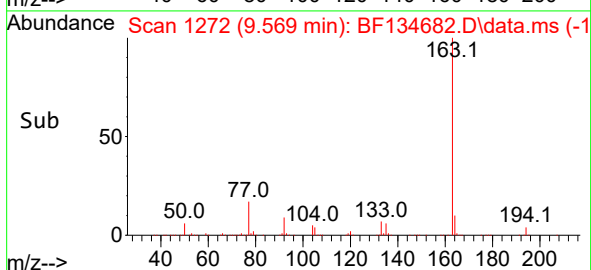
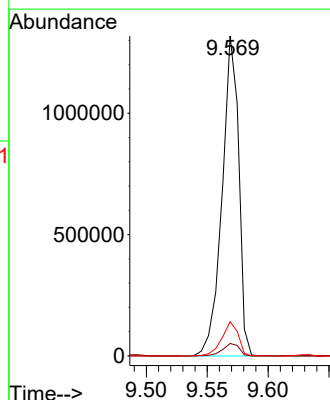
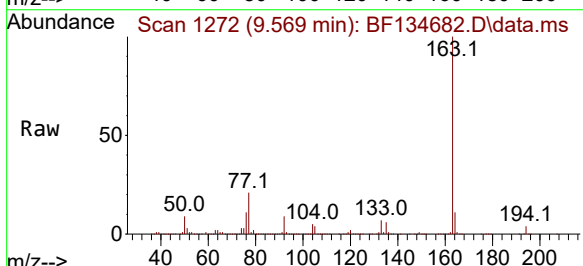
Tgt Ion:163 Resp: 1255279

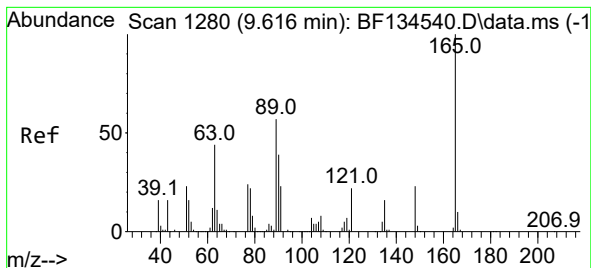
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.7 7.5 11.3





#51

2,6-Dinitrotoluene

Concen: 50.135 ng

RT: 9.633 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

OS-1MS

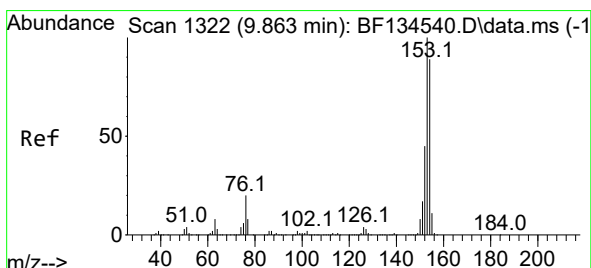
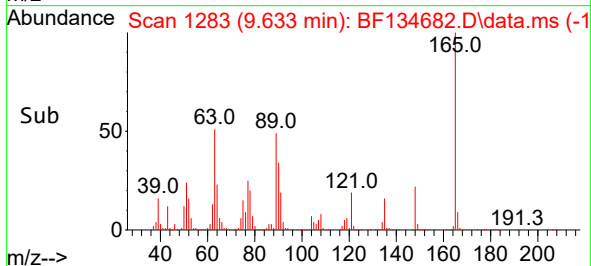
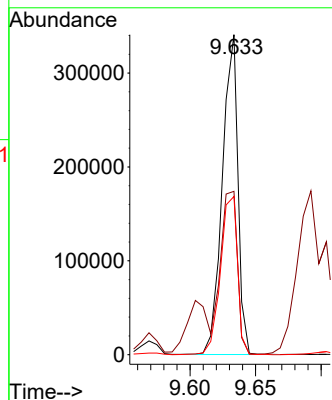
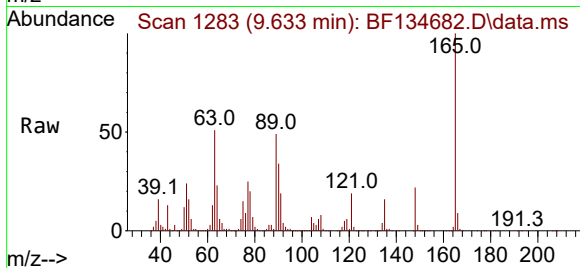
Tgt Ion:165 Resp: 280308

Ion Ratio Lower Upper

165 100

63 51.0 57.8 86.6#

89 49.4 51.8 77.8#



#52

Acenaphthene

Concen: 40.569 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

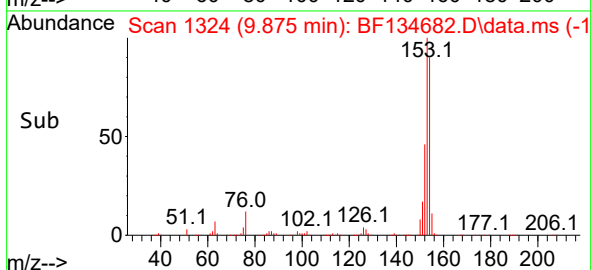
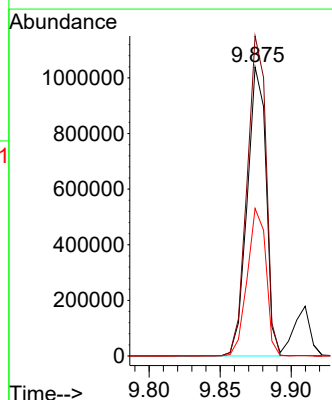
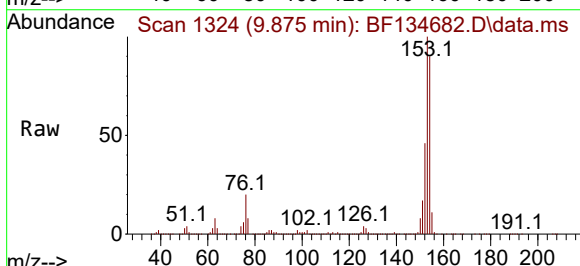
Tgt Ion:154 Resp: 961835

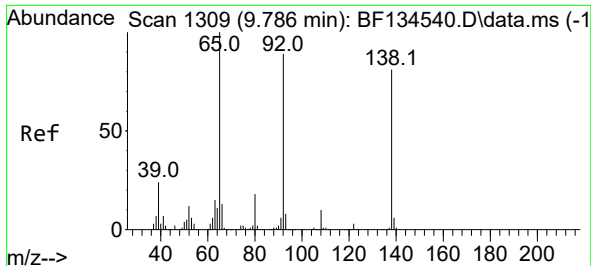
Ion Ratio Lower Upper

154 100

153 110.7 90.0 135.0

152 51.1 42.4 63.6

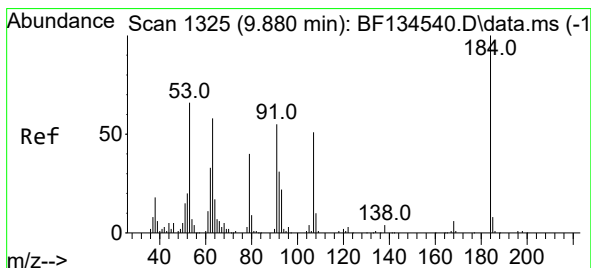
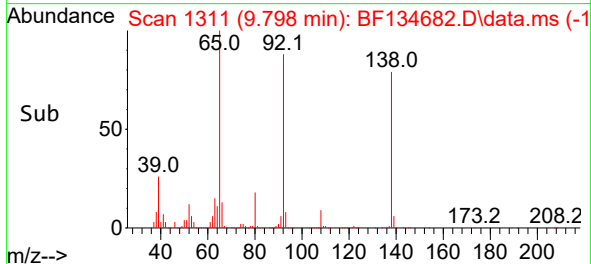
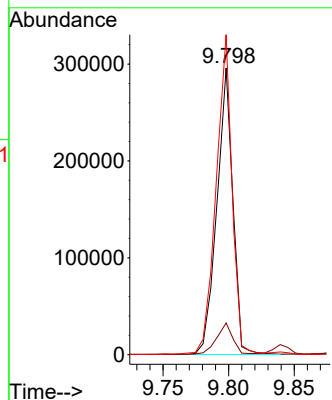
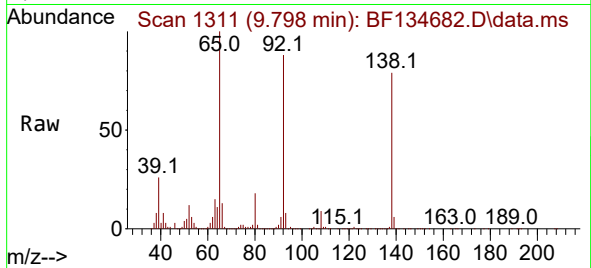




#53
3-Nitroaniline
Concen: 41.278 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

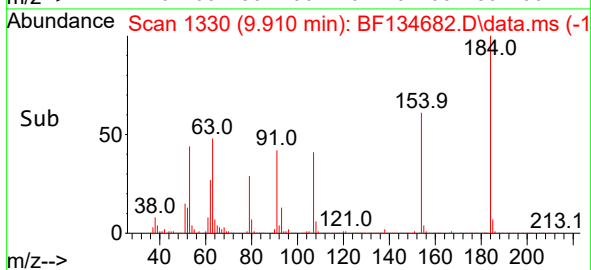
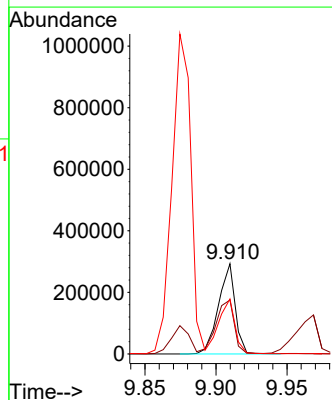
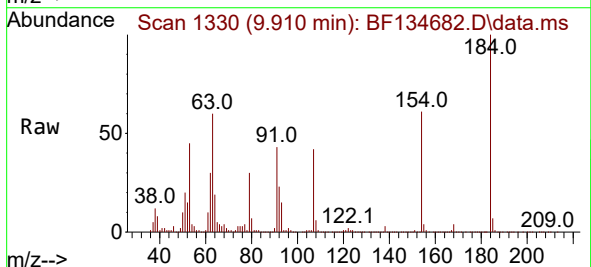
Instrument :
BNA_F
ClientSampleId :
OS-1MS

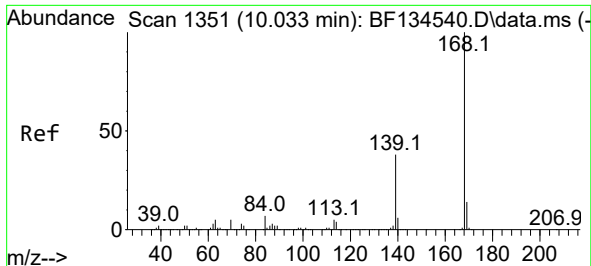
Tgt Ion:138 Resp: 250474
Ion Ratio Lower Upper
138 100
108 11.1 9.3 13.9
92 111.7 86.6 129.8



#54
2,4-Dinitrophenol
Concen: 98.728 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:184 Resp: 240601
Ion Ratio Lower Upper
184 100
63 59.8 57.1 85.7
154 61.0 59.1 88.7

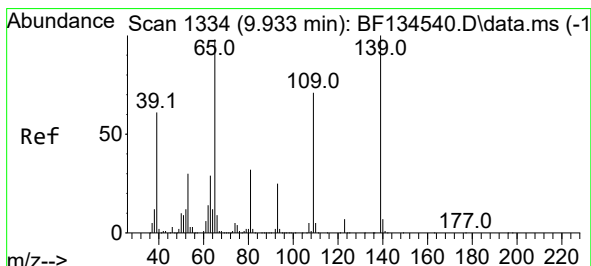
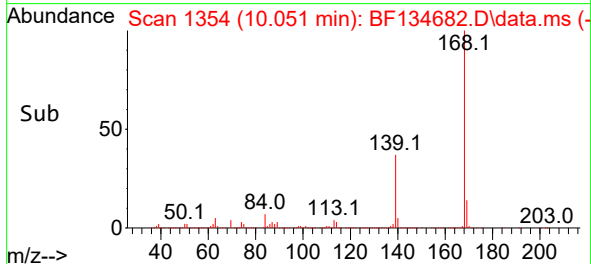
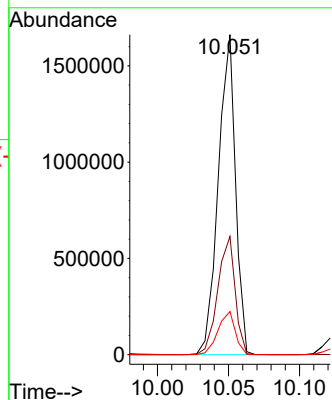
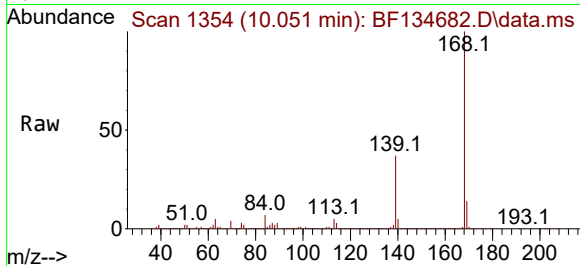




#55
Dibenzenofuran
Concen: 41.413 ng
RT: 10.051 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

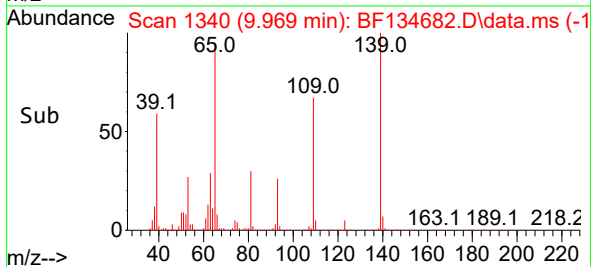
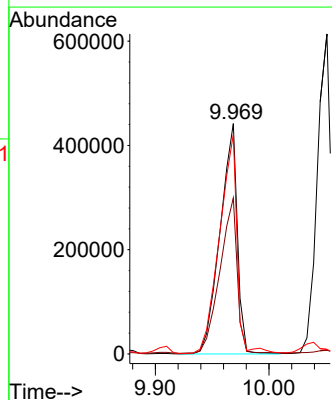
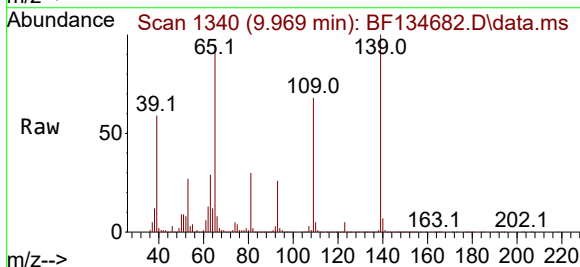
Instrument :
BNA_F
ClientSampleId :
OS-1MS

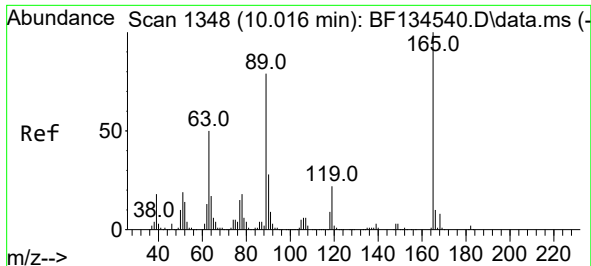
Tgt Ion:168 Resp: 1397698
Ion Ratio Lower Upper
168 100
139 36.9 33.4 50.2
169 13.5 10.6 15.8



#56
4-Nitrophenol
Concen: 94.004 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.018 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:139 Resp: 466533
Ion Ratio Lower Upper
139 100
109 67.7 76.9 116.9#
65 95.2 98.5 138.5#

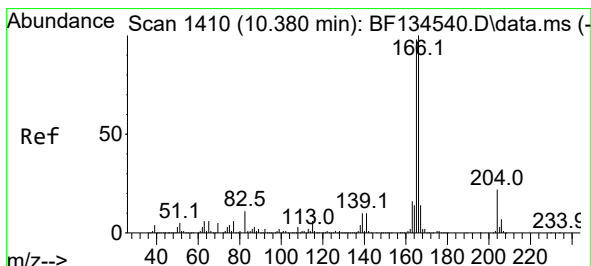
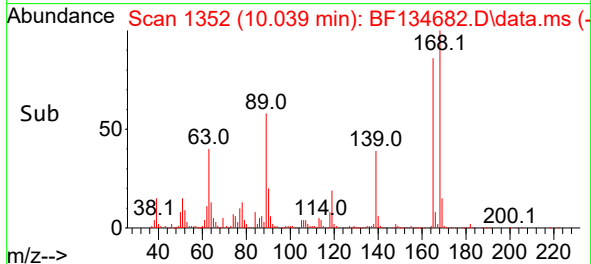
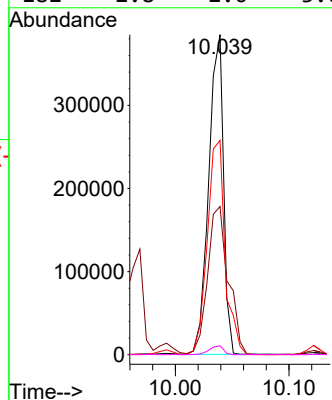
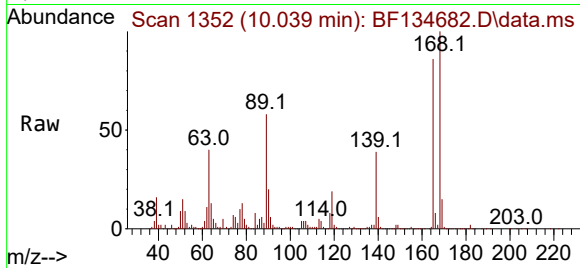




#57
2,4-Dinitrotoluene
Concen: 51.397 ng
RT: 10.039 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

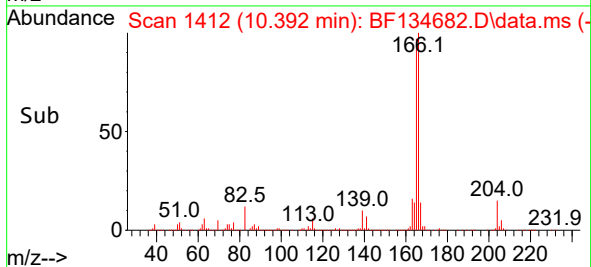
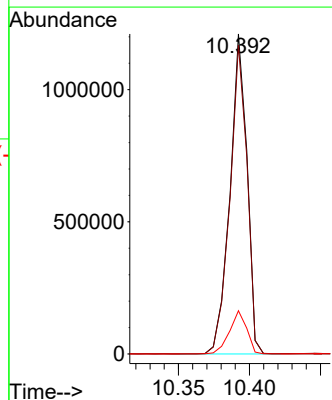
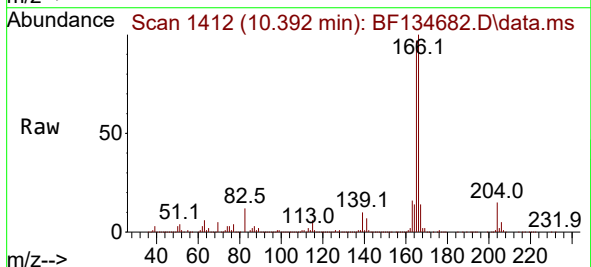
Instrument :
BNA_F
ClientSampleId :
OS-1MS

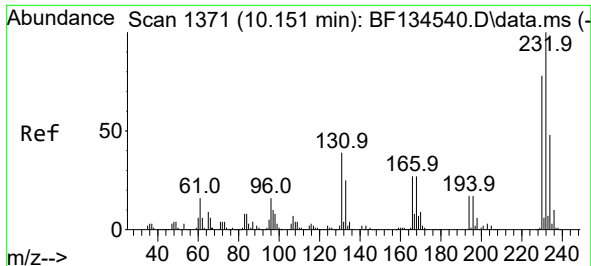
Tgt Ion:165 Resp: 347721
Ion Ratio Lower Upper
165 100
63 46.3 48.9 73.3#
89 66.9 61.7 92.5
182 2.8 2.0 3.0



#58
Fluorene
Concen: 41.170 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:166 Resp: 1012085
Ion Ratio Lower Upper
166 100
165 96.6 74.5 111.7
167 13.5 10.6 16.0

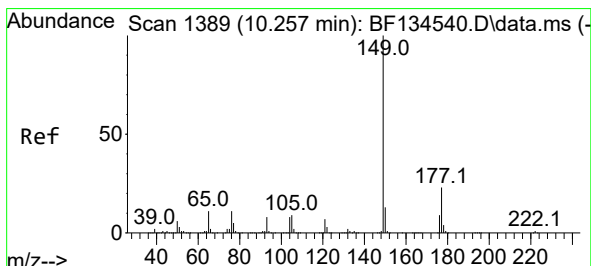
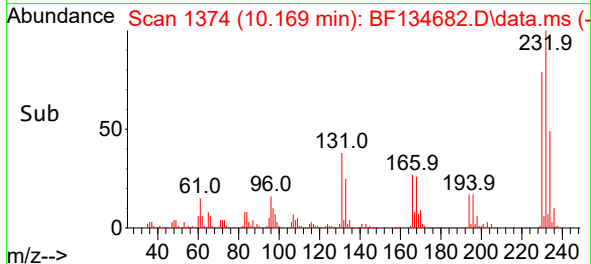
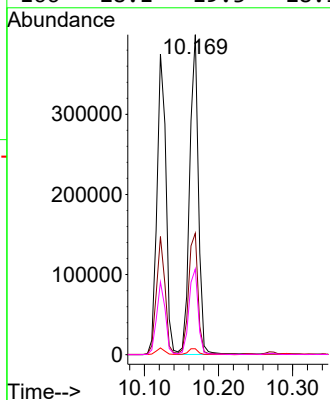
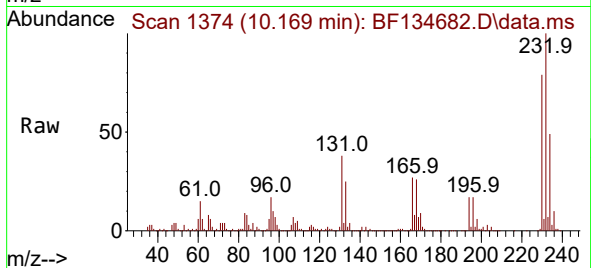




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.352 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.012 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

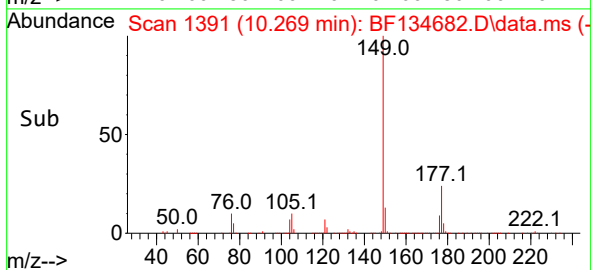
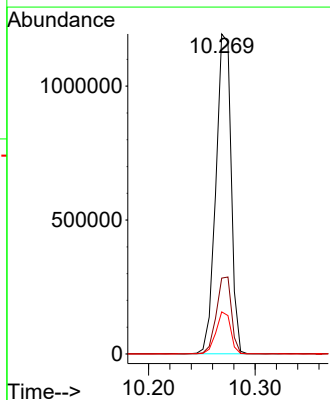
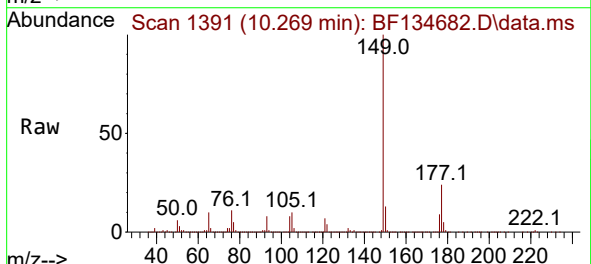
Instrument :
BNA_F
ClientSampleId :
OS-1MS

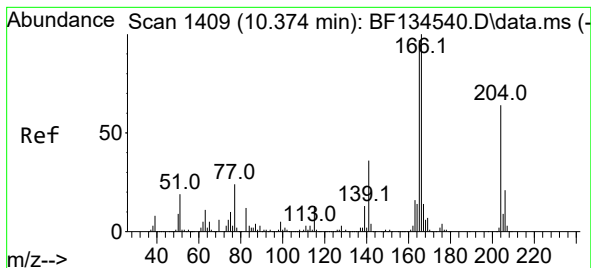
Tgt Ion:232 Resp: 325475
Ion Ratio Lower Upper
232 100
131 40.8 33.4 50.0
130 2.1 1.8 2.6
166 28.1 19.3 28.9



#60
Diethylphthalate
Concen: 45.886 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:149 Resp: 1184073
Ion Ratio Lower Upper
149 100
177 23.7 17.0 25.4
150 13.2 9.9 14.9

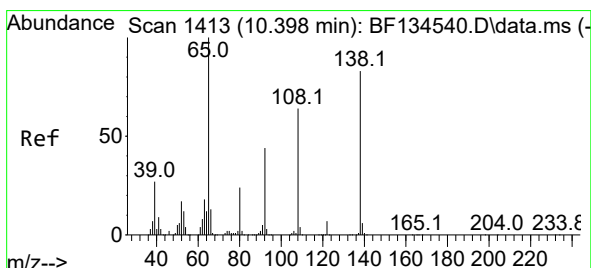
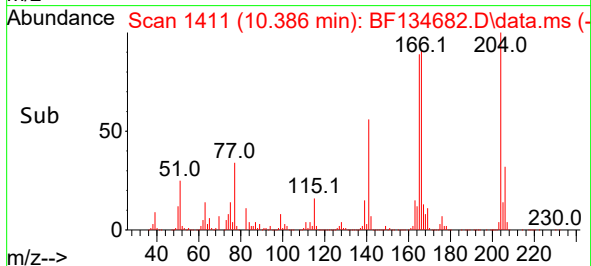
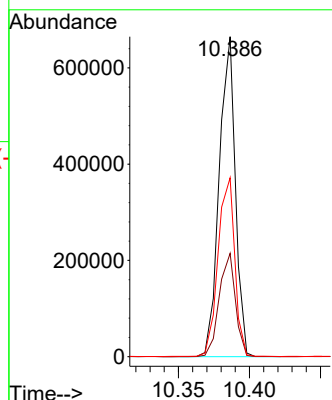
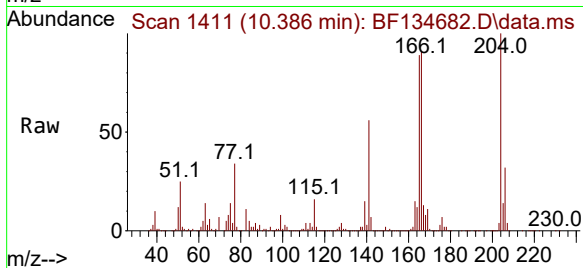




#61
4-Chlorophenyl-phenylether
Concen: 43.319 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

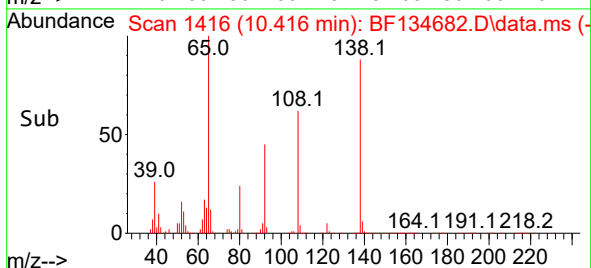
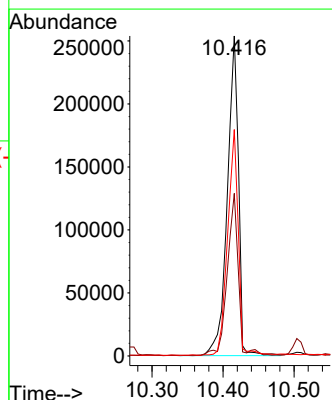
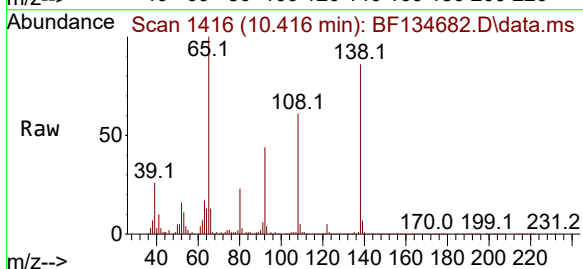
Instrument :
BNA_F
ClientSampleId :
OS-1MS

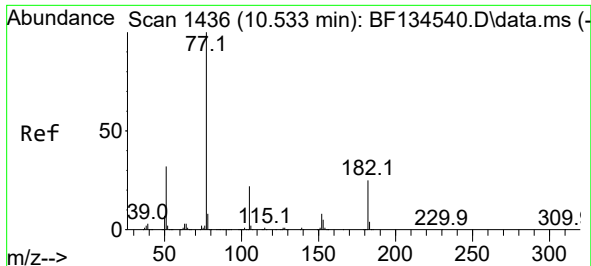
Tgt Ion:204 Resp: 523438
Ion Ratio Lower Upper
204 100
206 32.3 26.0 39.0
141 55.9 52.2 78.4



#62
4-Nitroaniline
Concen: 46.407 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:138 Resp: 276008
Ion Ratio Lower Upper
138 100
92 50.8 27.0 67.0
108 70.7 70.4 110.4



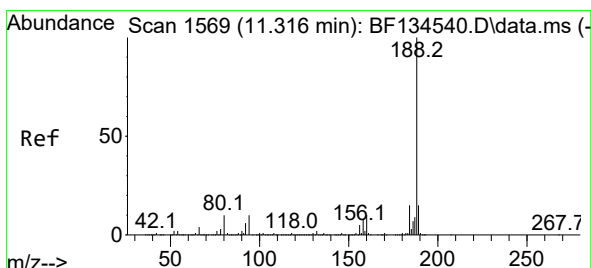
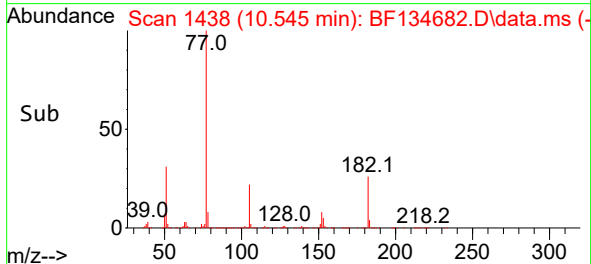
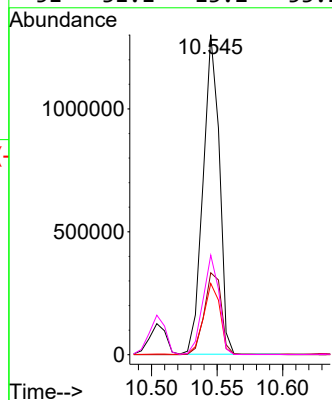
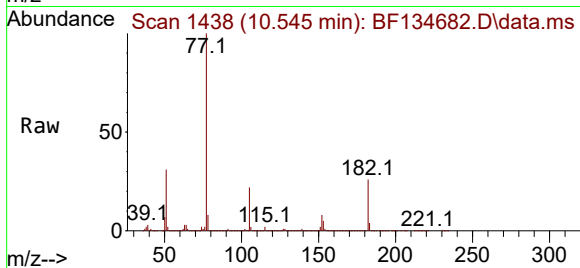


#63
 Azobenzene
 Concen: 40.599 ng
 RT: 10.545 min Scan# 1436
 Delta R.T. 0.006 min
 Lab File: BF134682.D
 Acq: 09 Aug 2023 10:30

Instrument :
 BNA_F
 ClientSampleId :
 OS-1MS

Tgt Ion: 77 Resp: 1125602

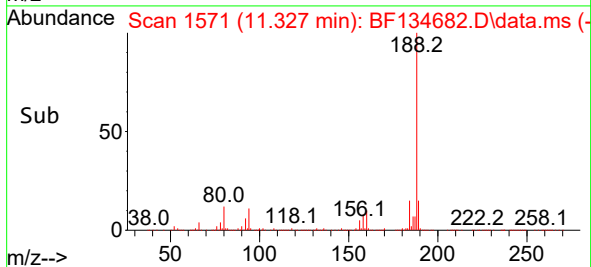
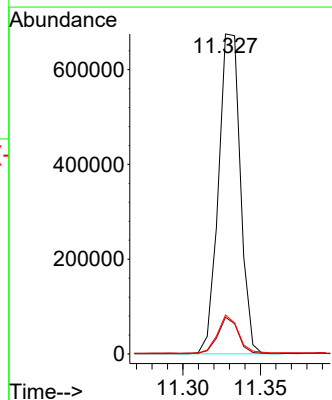
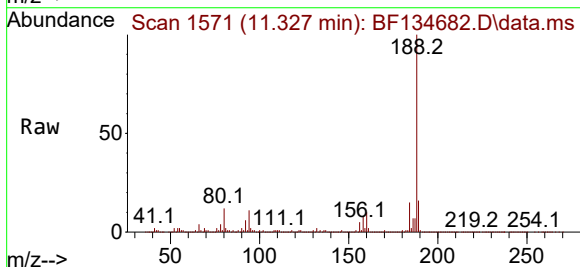
Ion	Ratio	Lower	Upper
77	100		
182	25.6	7.5	47.5
105	22.2	1.9	41.9
51	31.1	13.2	53.2

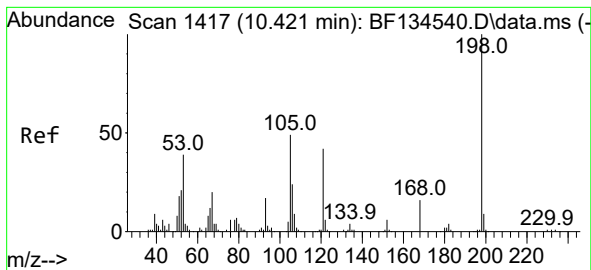


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.327 min Scan# 1571
 Delta R.T. 0.006 min
 Lab File: BF134682.D
 Acq: 09 Aug 2023 10:30

Tgt Ion: 188 Resp: 662804

Ion	Ratio	Lower	Upper
188	100		
94	11.4	5.1	7.7#
80	12.2	6.6	9.8#

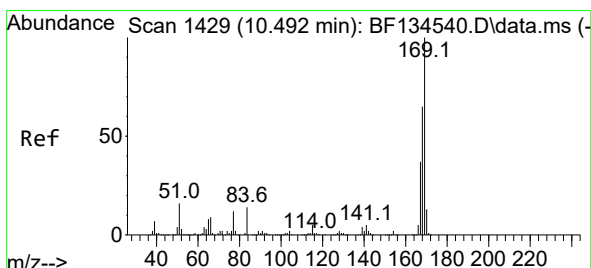
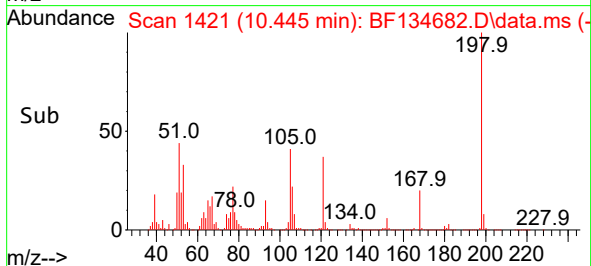
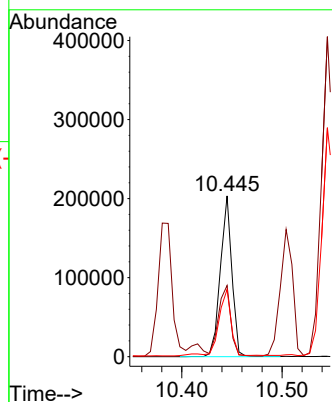
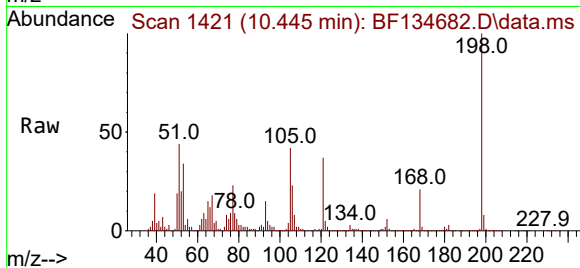




#65
4,6-Dinitro-2-methylphenol
Concen: 58.311 ng
RT: 10.445 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

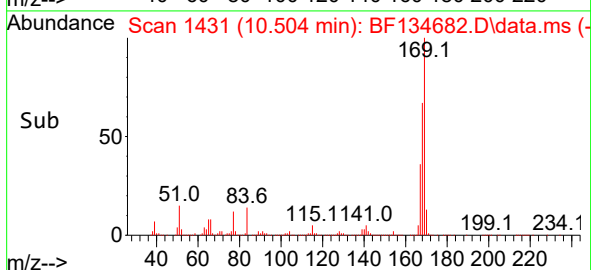
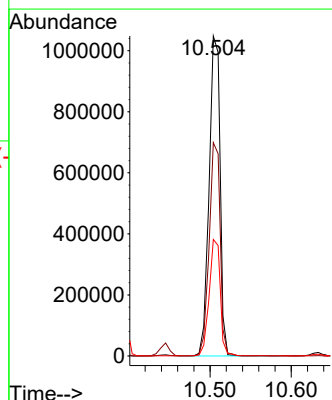
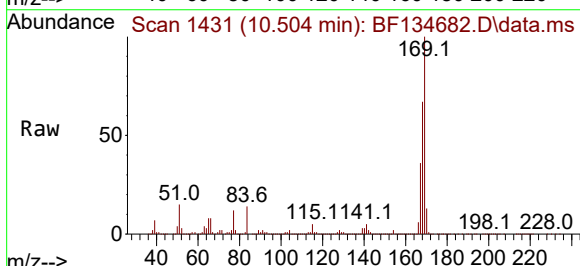
Instrument :
BNA_F
ClientSampleId :
OS-1MS

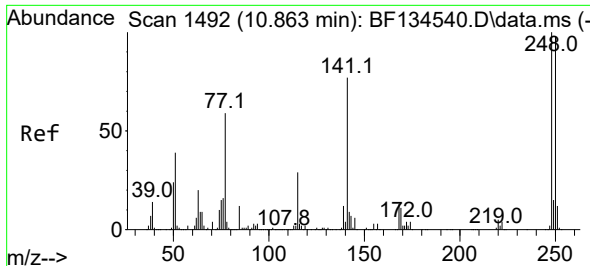
Tgt Ion:198 Resp: 162325
Ion Ratio Lower Upper
198 100
51 44.2 38.6 78.6
105 41.8 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 46.407 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:169 Resp: 979021
Ion Ratio Lower Upper
169 100
168 66.7 52.6 78.8
167 36.4 29.8 44.8

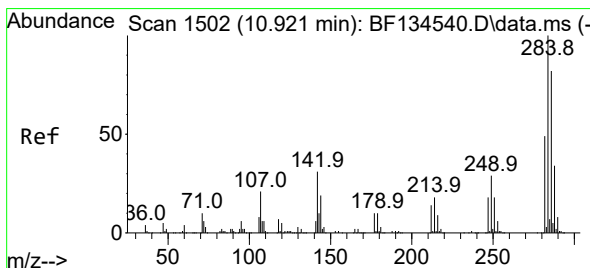
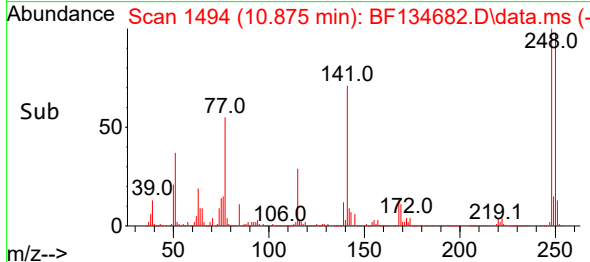
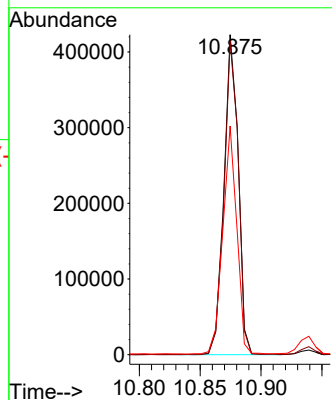
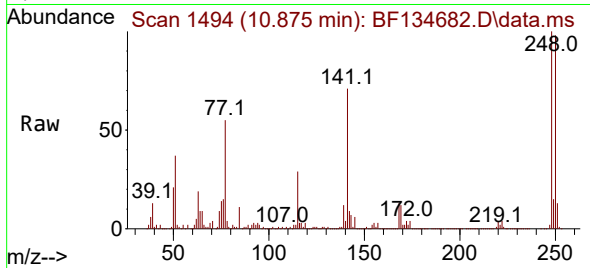




#67
4-Bromophenyl-phenylether
Concen: 47.739 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

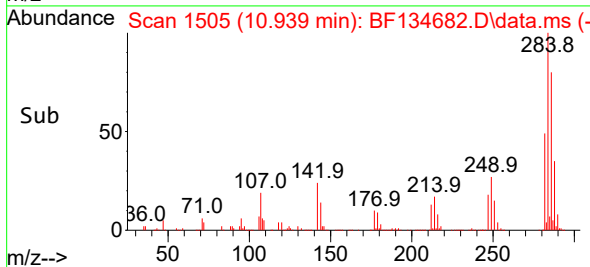
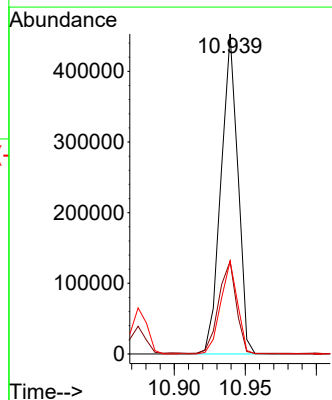
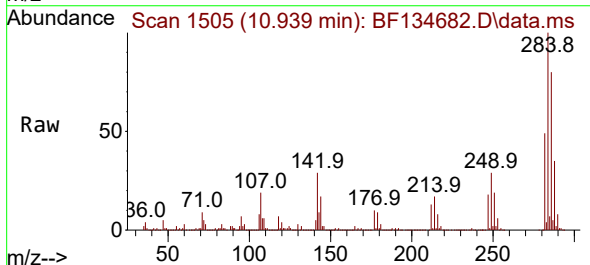
Instrument :
BNA_F
ClientSampleId :
OS-1MS

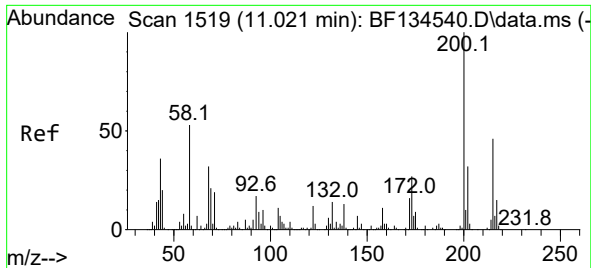
Tgt Ion:248 Resp: 346377
Ion Ratio Lower Upper
248 100
250 98.0 79.6 119.4
141 71.4 59.6 89.4



#68
Hexachlorobenzene
Concen: 48.707 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:284 Resp: 373182
Ion Ratio Lower Upper
284 100
142 29.0 26.5 39.7
249 29.0 23.8 35.8

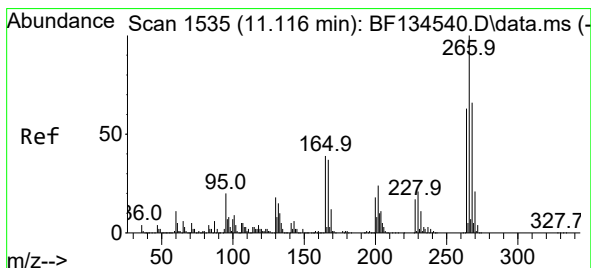
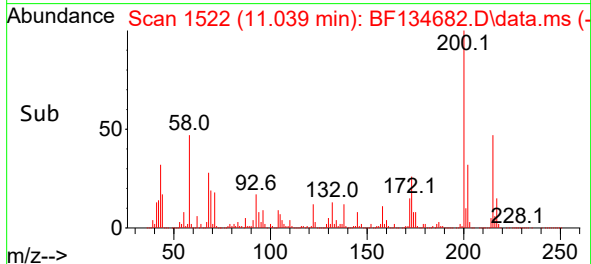
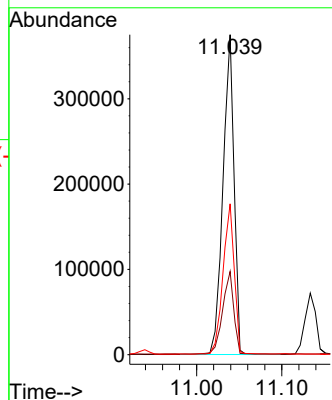
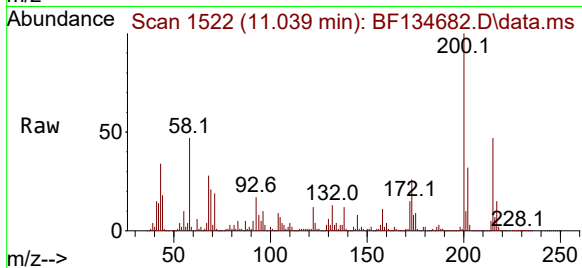




#69
 Atrazine
 Concen: 59.378 ng
 RT: 11.039 min Scan# 1522
 Delta R.T. 0.006 min
 Lab File: BF134682.D
 Acq: 09 Aug 2023 10:30

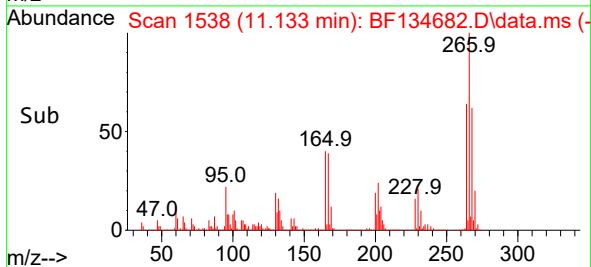
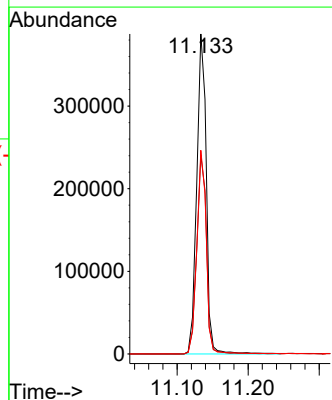
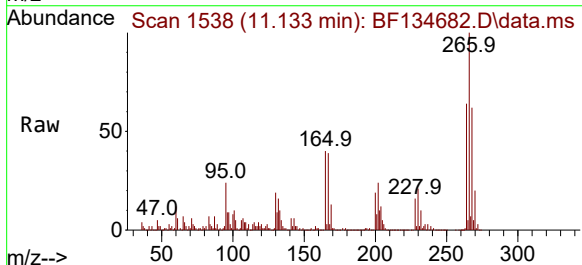
Instrument :
 BNA_F
 ClientSampleId :
 OS-1MS

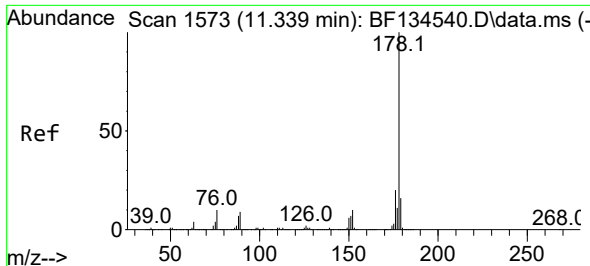
Tgt Ion:200 Resp: 337634
 Ion Ratio Lower Upper
 200 100
 173 26.0 6.1 46.1
 215 47.2 29.7 69.7



#70
 Pentachlorophenol
 Concen: 76.481 ng
 RT: 11.133 min Scan# 1538
 Delta R.T. 0.006 min
 Lab File: BF134682.D
 Acq: 09 Aug 2023 10:30

Tgt Ion:266 Resp: 362818
 Ion Ratio Lower Upper
 266 100
 268 62.1 52.9 79.3
 264 63.6 47.8 71.6

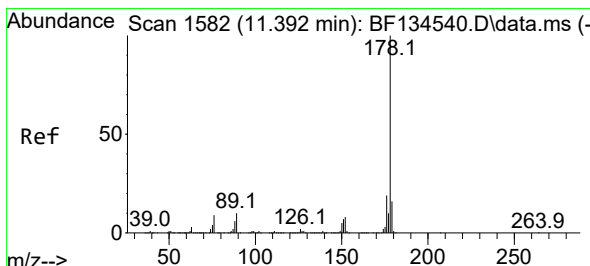
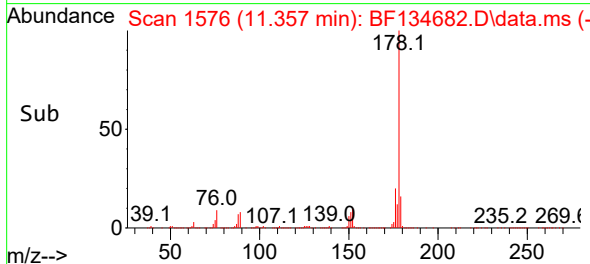
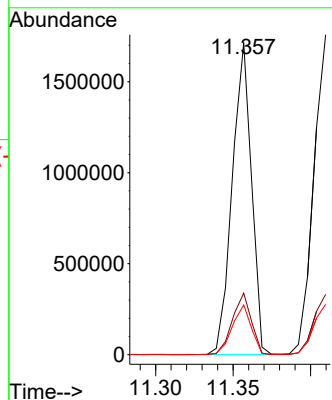
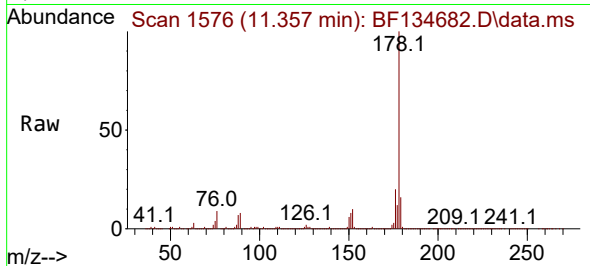




#71
Phenanthrene
Concen: 41.842 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

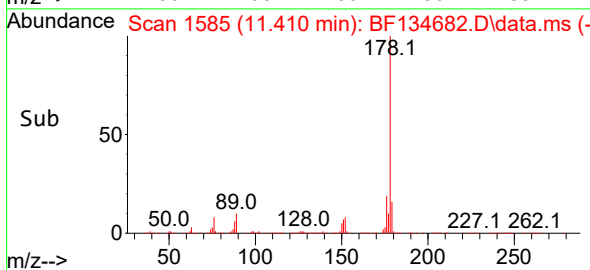
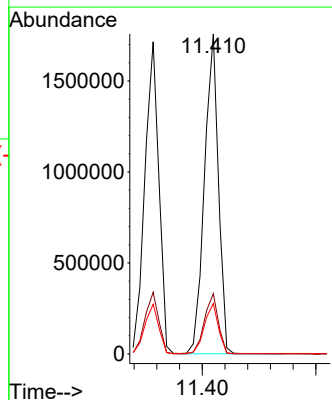
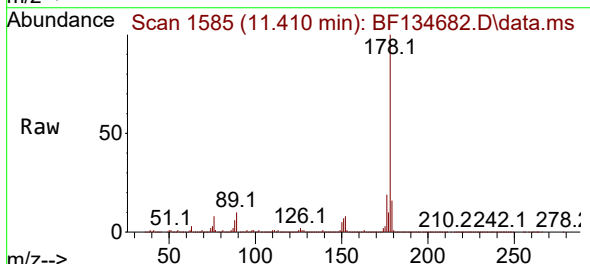
Instrument :
BNA_F
ClientSampleId :
OS-1MS

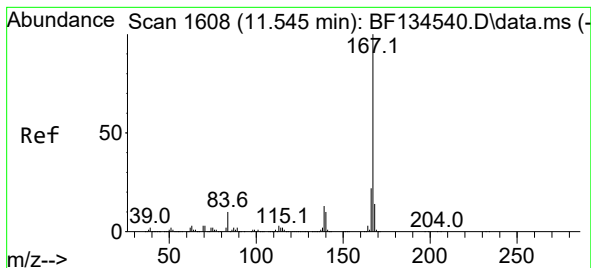
Tgt Ion:178 Resp: 1473081
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.9 12.7 19.1



#72
Anthracene
Concen: 41.623 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:178 Resp: 1496774
Ion Ratio Lower Upper
178 100
176 18.9 14.6 21.8
179 15.8 12.3 18.5





#73

Carbazole

Concen: 41.293 ng

RT: 11.563 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

OS-1MS

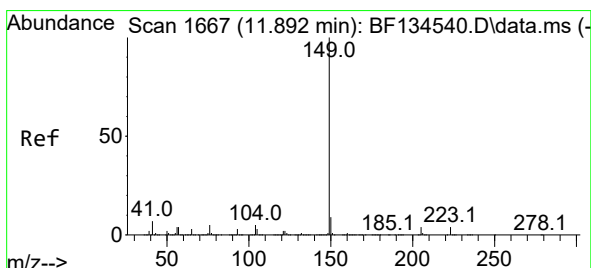
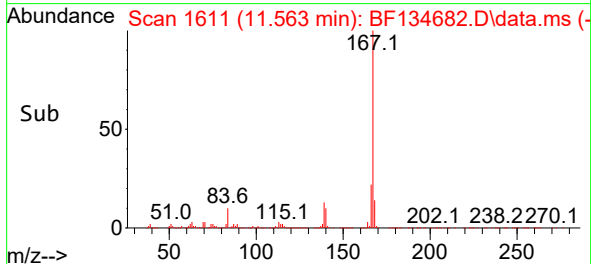
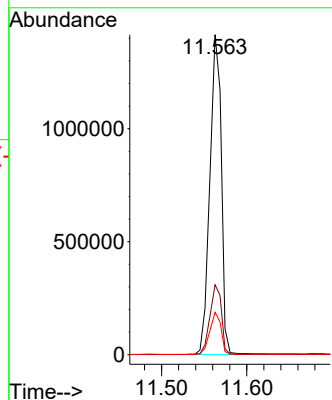
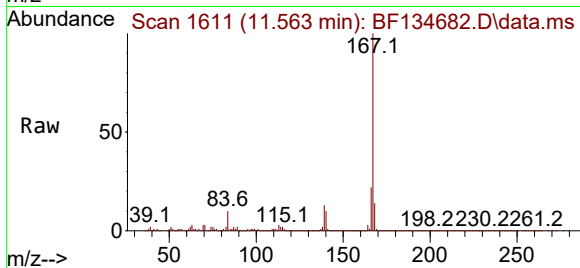
Tgt Ion:167 Resp: 1325853

Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

139 13.2 11.0 16.4



#74

Di-n-butylphthalate

Concen: 46.598 ng

RT: 11.898 min Scan# 1668

Delta R.T. 0.000 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

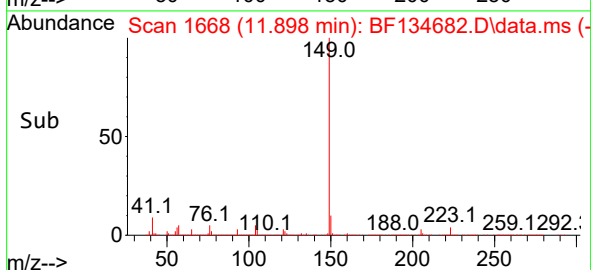
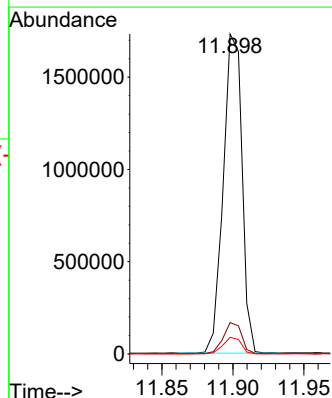
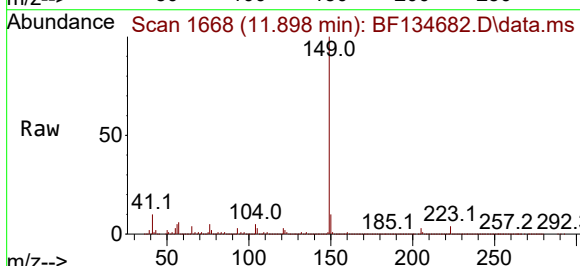
Tgt Ion:149 Resp: 1589544

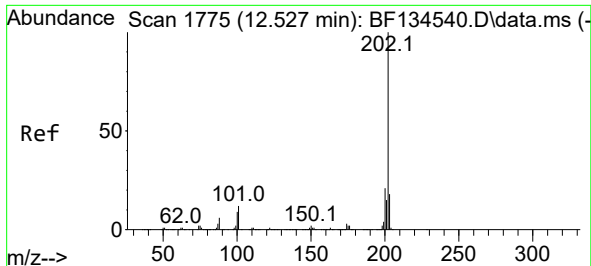
Ion Ratio Lower Upper

149 100

150 9.8 7.2 10.8

104 5.2 3.8 5.8

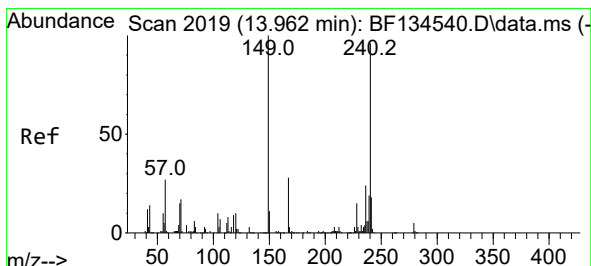
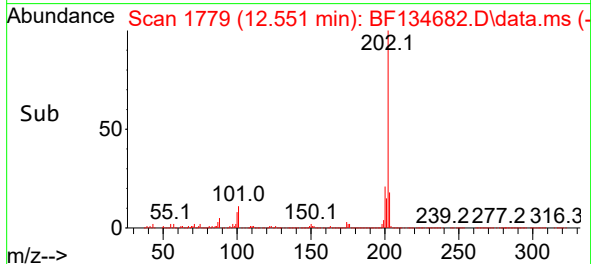
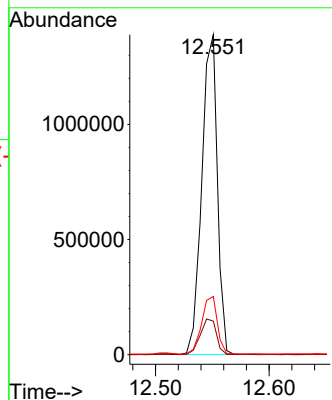
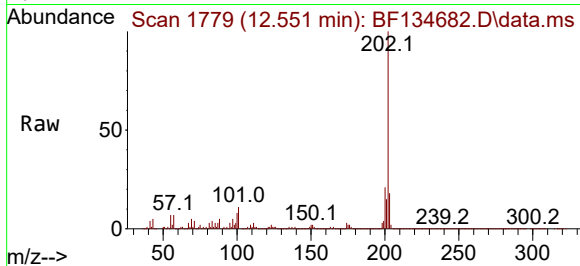




#75
Fluoranthene
Concen: 35.533 ng
RT: 12.551 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

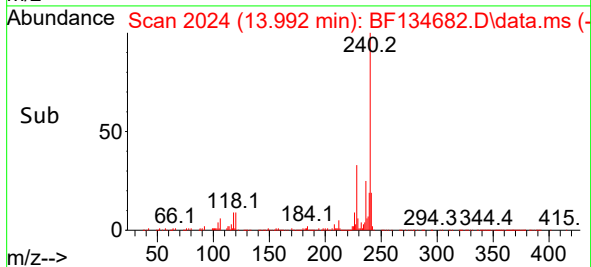
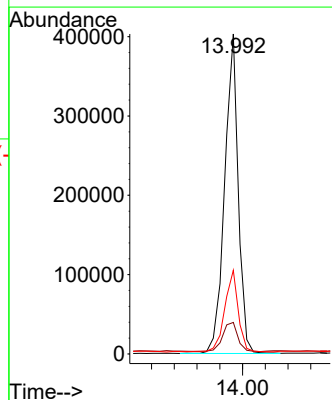
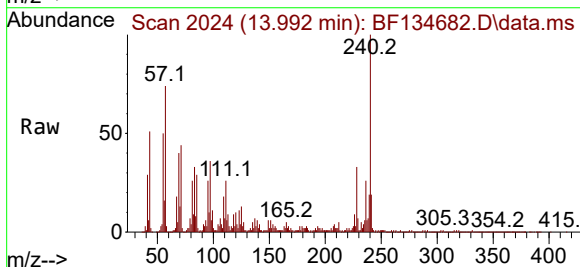
Instrument :
BNA_F
ClientSampleId :
OS-1MS

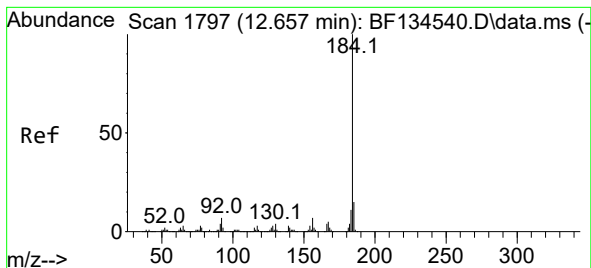
Tgt Ion:202 Resp: 1321406
Ion Ratio Lower Upper
202 100
101 10.5 0.0 28.5
203 18.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.018 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:240 Resp: 335577
Ion Ratio Lower Upper
240 100
120 9.9 6.6 10.0
236 26.2 20.2 30.2





#77

Benzidine

Concen: 35.423 ng

RT: 12.669 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

OS-1MS

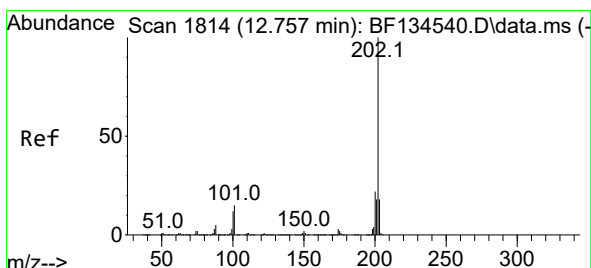
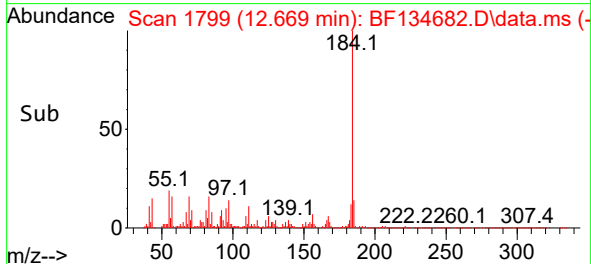
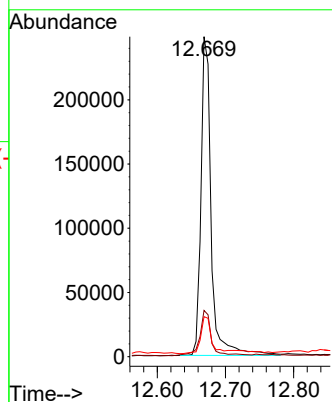
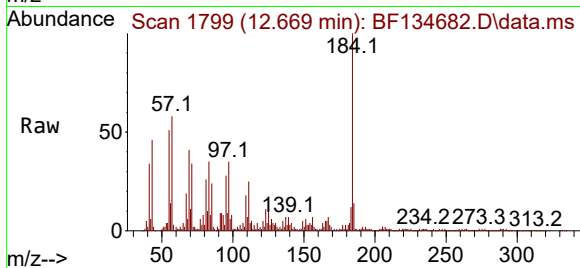
Tgt Ion:184 Resp: 258047

Ion Ratio Lower Upper

184 100

185 14.5 11.2 16.8

183 12.5 8.6 13.0



#78

Pyrene

Concen: 43.896 ng

RT: 12.780 min Scan# 1818

Delta R.T. 0.012 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

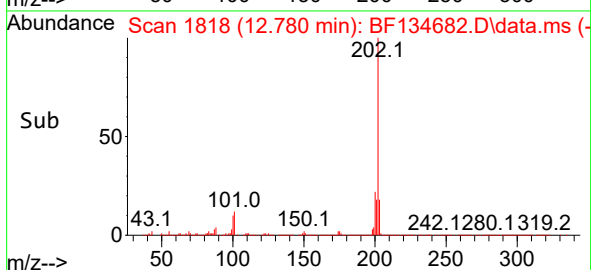
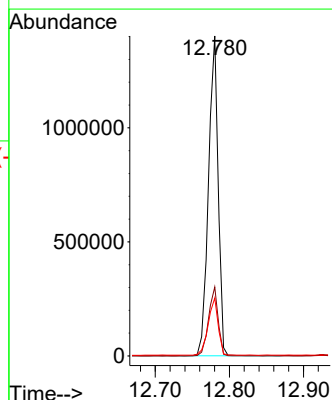
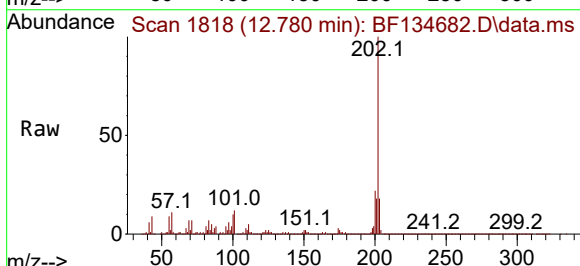
Tgt Ion:202 Resp: 1274654

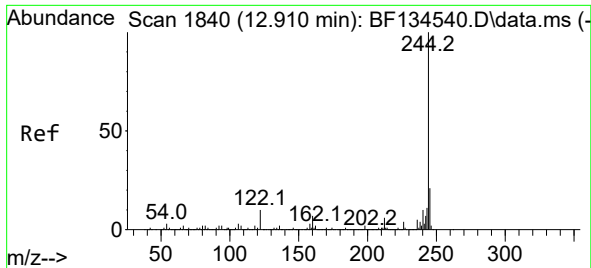
Ion Ratio Lower Upper

202 100

200 21.5 15.8 23.8

203 18.1 13.5 20.3

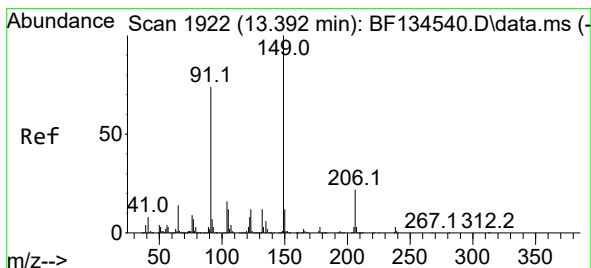
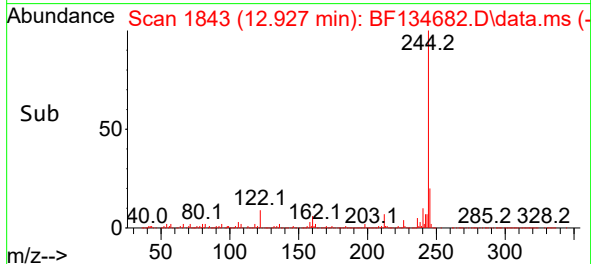
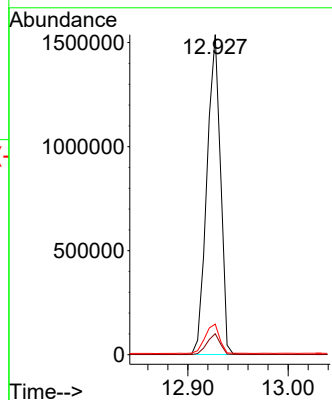
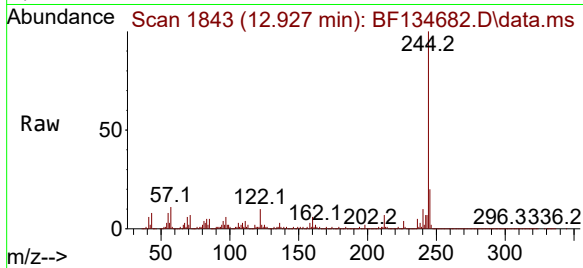




#79
 Terphenyl-d14
 Concen: 76.052 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF134682.D
 Acq: 09 Aug 2023 10:30

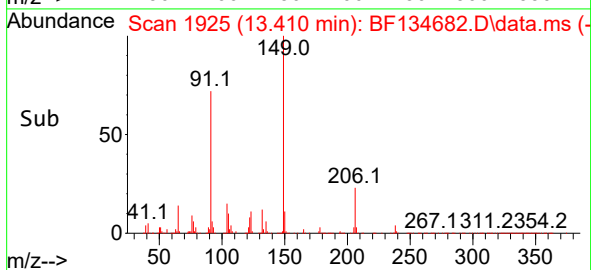
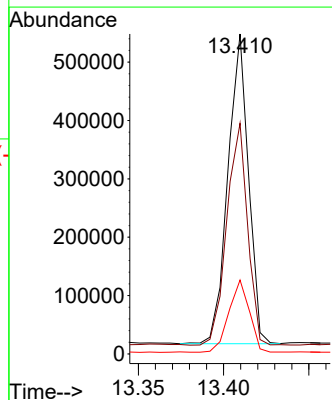
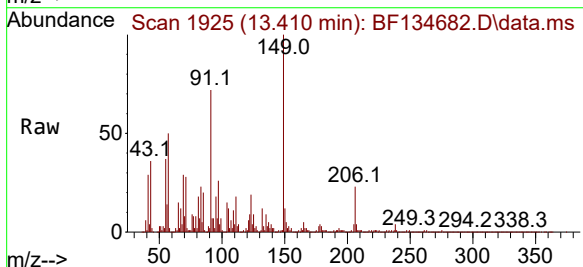
Instrument :
 BNA_F
 ClientSampleId :
 OS-1MS

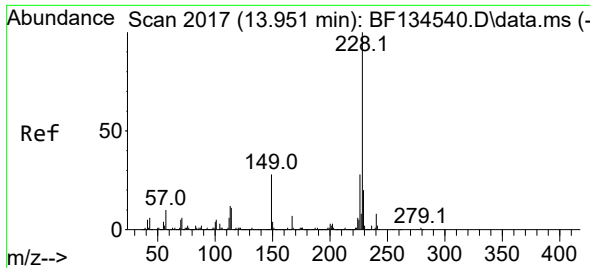
Tgt Ion:244 Resp: 1447710
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 9.6 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 45.295 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. 0.012 min
 Lab File: BF134682.D
 Acq: 09 Aug 2023 10:30

Tgt Ion:149 Resp: 444753
 Ion Ratio Lower Upper
 149 100
 91 72.1 55.8 83.6
 206 23.1 14.6 21.8#

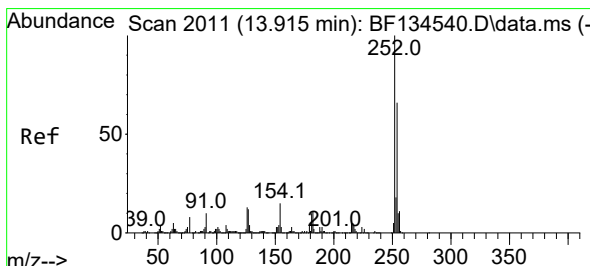
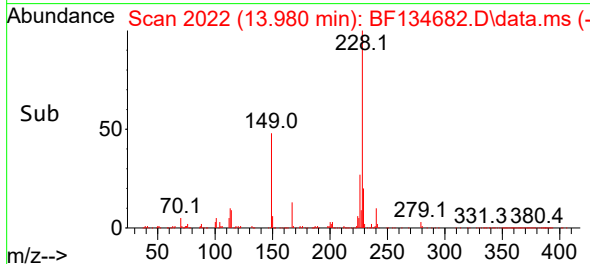
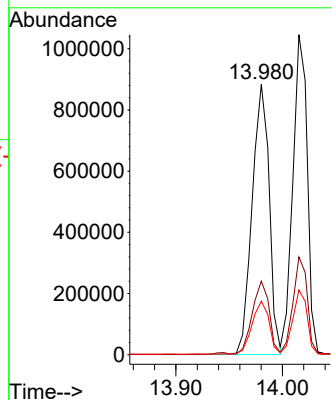
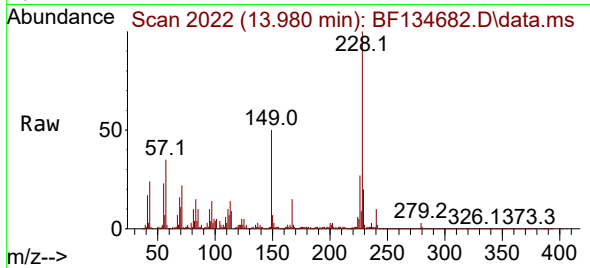




#81
Benzo(a)anthracene
Concen: 40.713 ng
RT: 13.980 min Scan# 2017
Delta R.T. 0.018 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

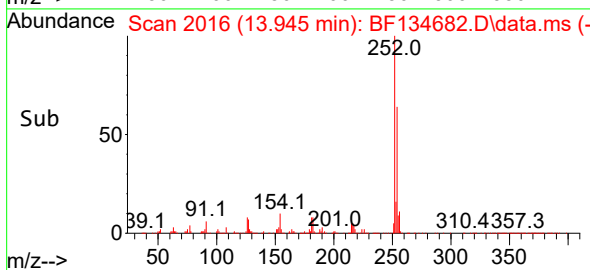
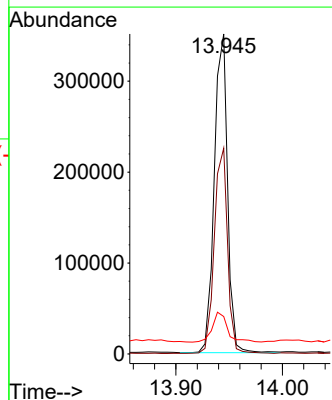
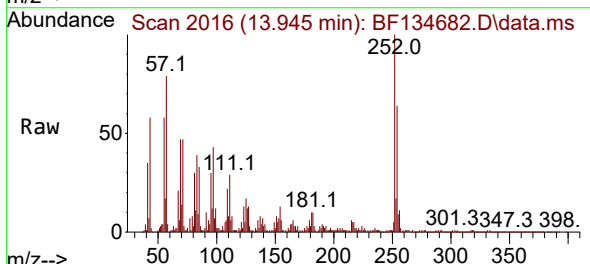
Instrument :
BNA_F
ClientSampleId :
OS-1MS

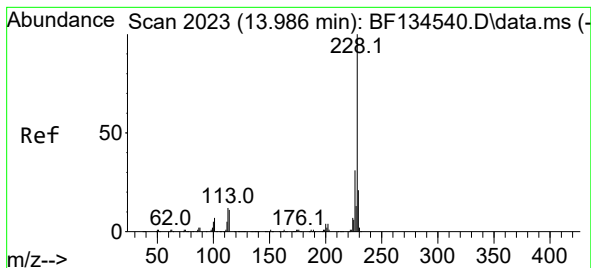
Tgt Ion:228 Resp: 976919
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 43.482 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.018 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:252 Resp: 302433
Ion Ratio Lower Upper
252 100
254 64.3 52.7 79.1
126 11.7 7.2 10.8#





#83

Chrysene

Concen: 42.025 ng

RT: 14.015 min Scan# 2021

Delta R.T. 0.018 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

OS-1MS

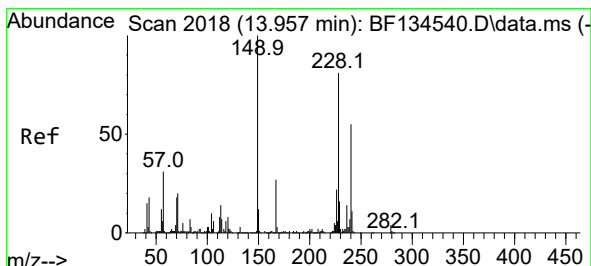
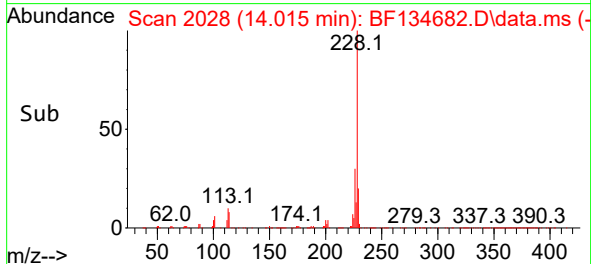
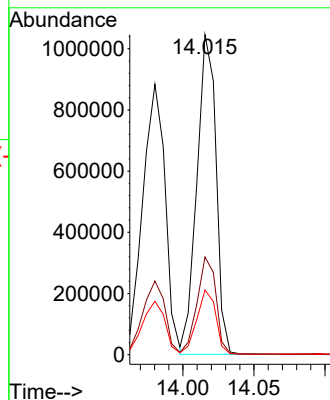
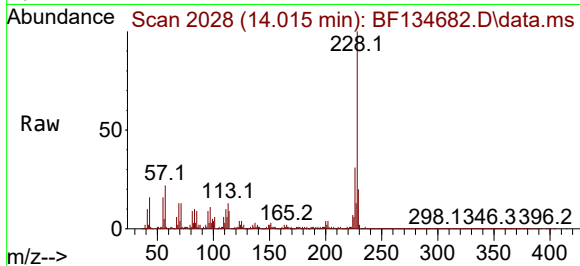
Tgt Ion:228 Resp: 982458

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 20.2 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.769 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.012 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

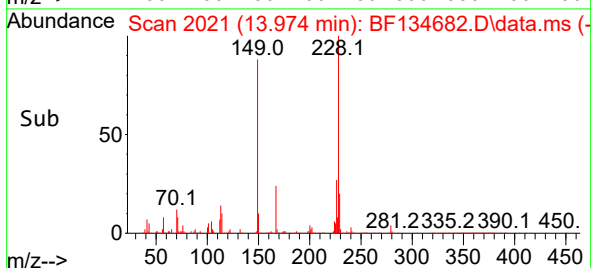
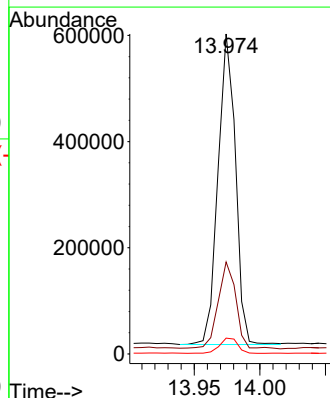
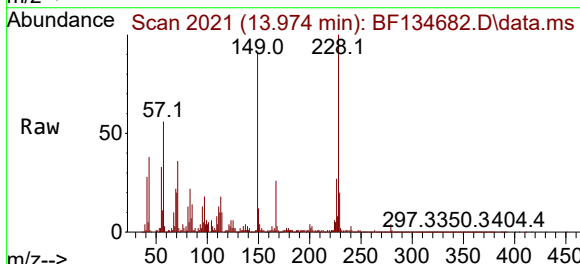
Tgt Ion:149 Resp: 540424

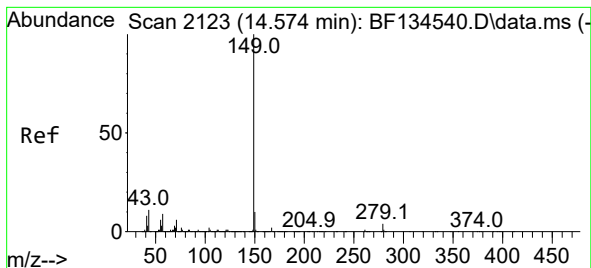
Ion Ratio Lower Upper

149 100

167 28.8 21.6 32.4

279 4.9 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 63.772 ng

RT: 14.592 min Scan# 2126

Delta R.T. 0.012 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

OS-1MS

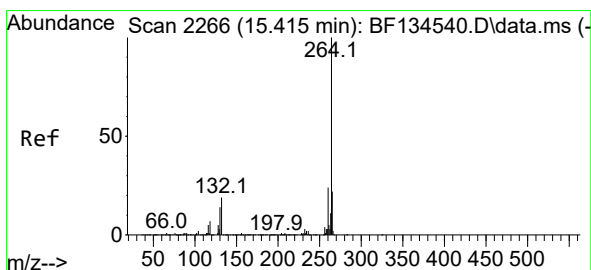
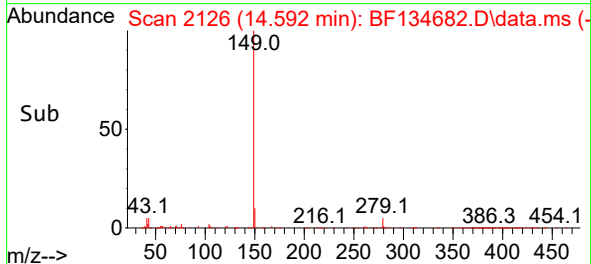
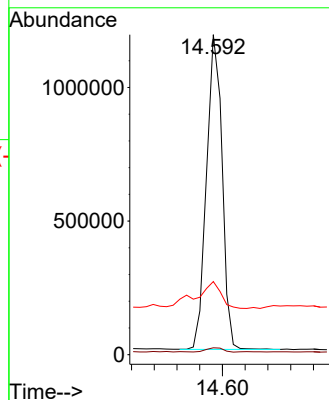
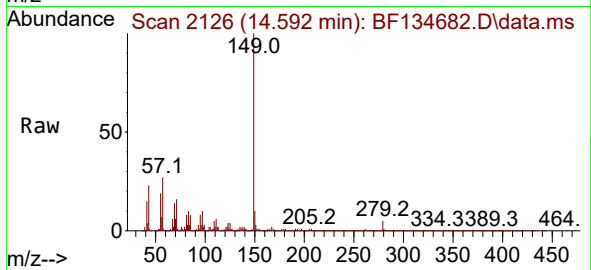
Tgt Ion:149 Resp: 1120586

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 14.4 8.1 12.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. 0.029 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

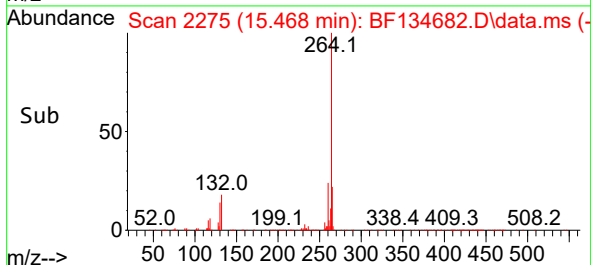
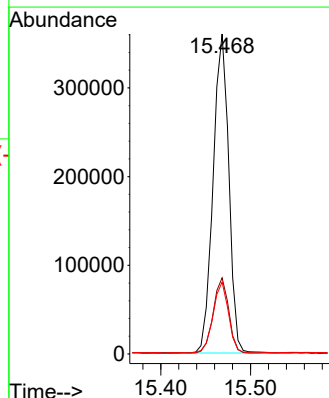
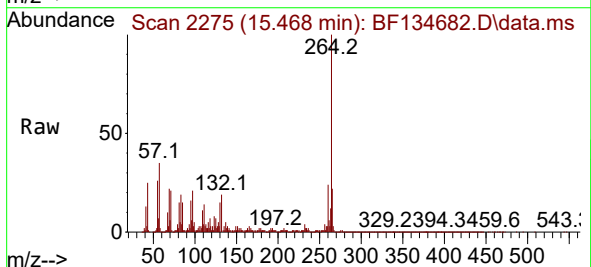
Tgt Ion:264 Resp: 437414

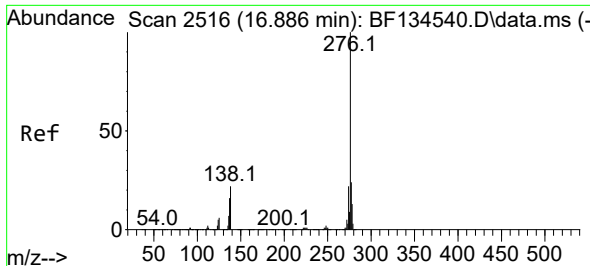
Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 22.4 15.8 23.8

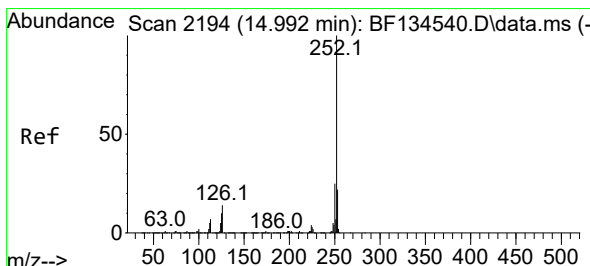
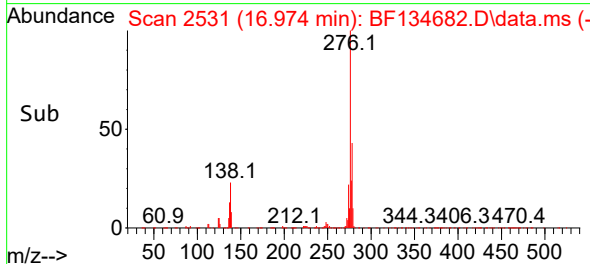
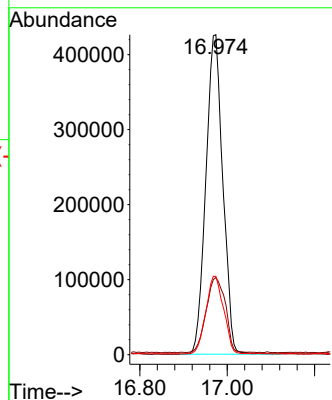
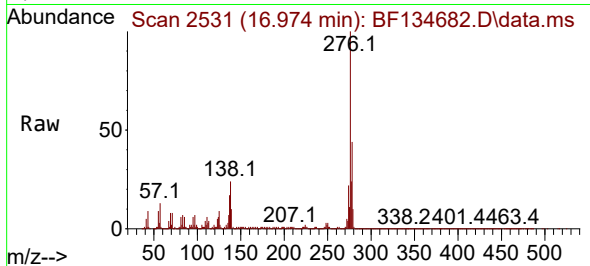




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.712 ng
RT: 16.974 min Scan# 211
Delta R.T. 0.047 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

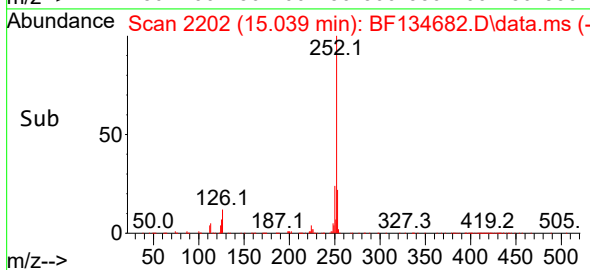
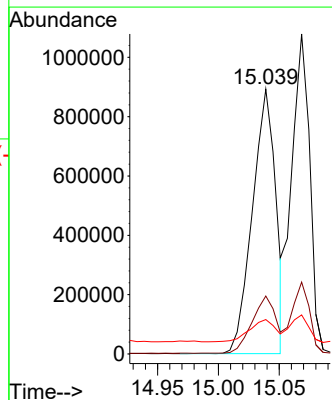
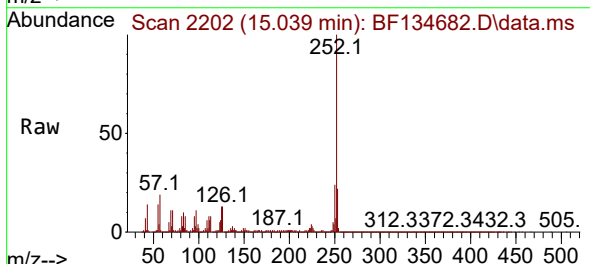
Instrument :
BNA_F
ClientSampleId :
OS-1MS

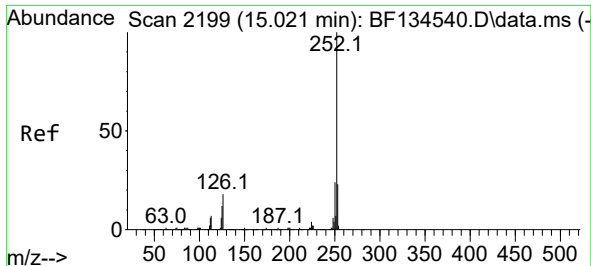
Tgt Ion:276 Resp: 1150225
Ion Ratio Lower Upper
276 100
138 26.6 14.2 21.4#
277 25.3 19.9 29.9



#88
Benzo(b)fluoranthene
Concen: 44.507 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.029 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:252 Resp: 1187335
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 13.0 6.0 9.0#

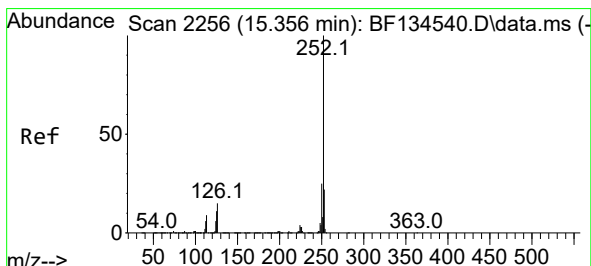
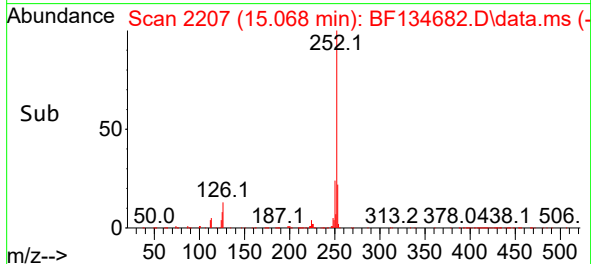
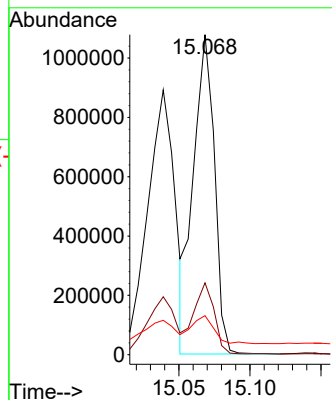
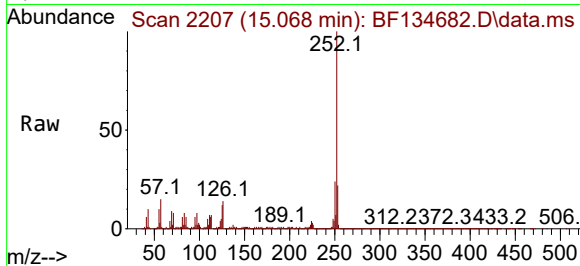




#89
Benzo(k)fluoranthene
Concen: 41.592 ng
RT: 15.068 min Scan# 2199
Delta R.T. 0.029 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

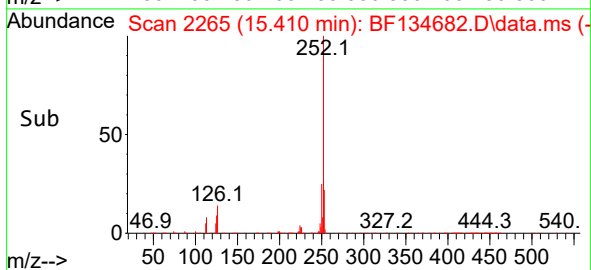
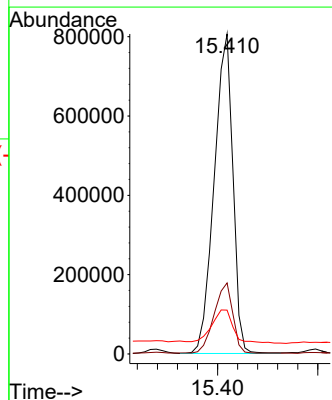
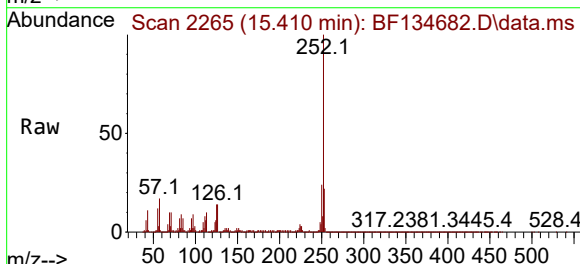
Instrument :
BNA_F
ClientSampleId :
OS-1MS

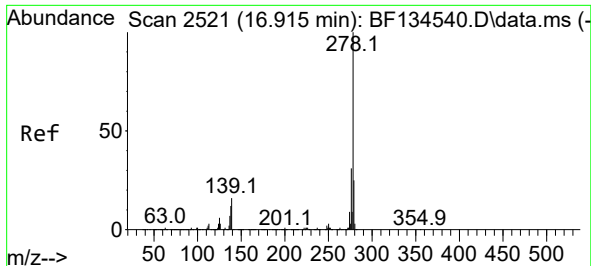
Tgt Ion:252 Resp: 1105322
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 12.2 6.3 9.5#



#90
Benzo(a)pyrene
Concen: 41.879 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.029 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:252 Resp: 1041672
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 13.7 6.2 9.4#

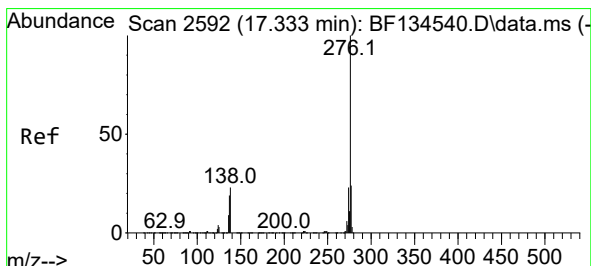
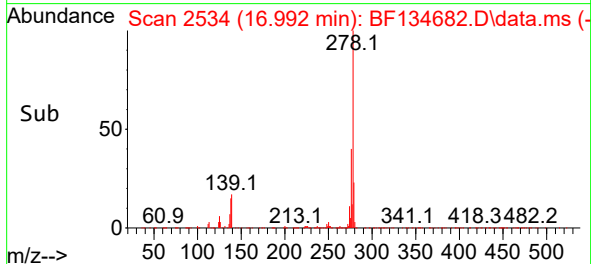
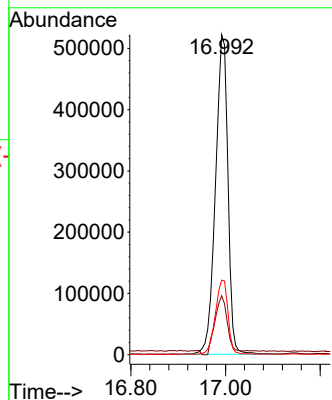
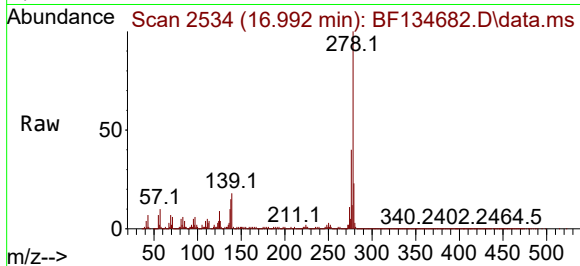




#91
Dibenzo(a,h)anthracene
Concen: 45.787 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Instrument :
BNA_F
ClientSampleId :
OS-1MS

Tgt Ion:278 Resp: 951922
Ion Ratio Lower Upper
278 100
139 18.4 10.0 15.0#
279 23.3 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 41.021 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.053 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:276 Resp: 869952
Ion Ratio Lower Upper
276 100
277 24.4 19.0 28.6
138 23.9 12.2 18.2#

