

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
 Data File : BF134683.D
 Acq On : 09 Aug 2023 11:02
 Operator : CG\JU
 Sample : 03781-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-1MSD

Quant Time: Aug 10 01:37:09 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	198638	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	807407	20.000	ng	# 0.00
39) Acenaphthene-d10	9.839	164	408444	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	672480	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	332766	20.000	ng	0.02
86) Perylene-d12	15.468	264	436384	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1129807	86.460	ng	0.01
7) Phenol-d6	6.445	99	1551475	92.879	ng	0.00
23) Nitrobenzene-d5	7.369	82	940728	72.812	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	371114	89.131	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1674829	68.179	ng	0.00
79) Terphenyl-d14	12.927	244	1440442	76.309	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	209121	34.782	ng	# 94
3) Pyridine	3.345	79	544435	33.418	ng	92
4) n-Nitrosodimethylamine	3.310	42	295471	37.957	ng	# 53
6) Aniline	6.481	93	650321	29.682	ng	93
8) 2-Chlorophenol	6.592	128	623935	47.333	ng	95
9) Benzaldehyde	6.357	77	331964	42.180	ng	96
10) Phenol	6.463	94	753064	45.748	ng	89
11) bis(2-Chloroethyl)ether	6.545	93	592439	45.305	ng	94
12) 1,3-Dichlorobenzene	6.745	146	622349	45.632	ng	94
13) 1,4-Dichlorobenzene	6.822	146	629949	46.087	ng	98
14) 1,2-Dichlorobenzene	6.975	146	602984	47.346	ng	95
15) Benzyl Alcohol	6.951	79	527598	45.784	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.081	45	921824	44.996	ng	89
17) 2-Methylphenol	7.063	107	497784	42.734	ng	93
18) Hexachloroethane	7.310	117	225495	47.005	ng	99
19) n-Nitroso-di-n-propyla...	7.222	70	397976	39.793	ng	92
20) 3+4-Methylphenols	7.216	107	553615	39.409	ng	# 85
22) Acetophenone	7.216	105	744940	39.965	ng	# 93
24) Nitrobenzene	7.386	77	632557	45.318	ng	97
25) Isophorone	7.628	82	1191593	42.285	ng	100
26) 2-Nitrophenol	7.704	139	327894	54.486	ng	# 83
27) 2,4-Dimethylphenol	7.739	122	493663	39.262	ng	85
28) bis(2-Chloroethoxy)met...	7.839	93	728874	43.238	ng	99
29) 2,4-Dichlorophenol	7.945	162	512220	44.884	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	544059	44.707	ng	97
31) Naphthalene	8.110	128	1690289	41.655	ng	99
32) Benzoic acid	7.880	122	418984	50.578	ng	93
33) 4-Chloroaniline	8.157	127	344507	19.054	ng	96
34) Hexachlorobutadiene	8.222	225	316937	45.151	ng	96
35) Caprolactam	8.533	113	117814	31.999	ng	95
36) 4-Chloro-3-methylphenol	8.639	107	545174	45.109	ng	94
37) 2-Methylnaphthalene	8.798	142	1086208	40.384	ng	99
38) 1-Methylnaphthalene	8.898	142	1033113	41.306	ng	98
40) 1,2,4,5-Tetrachloroben...	8.963	216	528990	44.538	ng	98
41) Hexachlorocyclopentadiene	8.951	237	403284	69.824	ng	92
43) 2,4,6-Trichlorophenol	9.075	196	370495	47.664	ng	97

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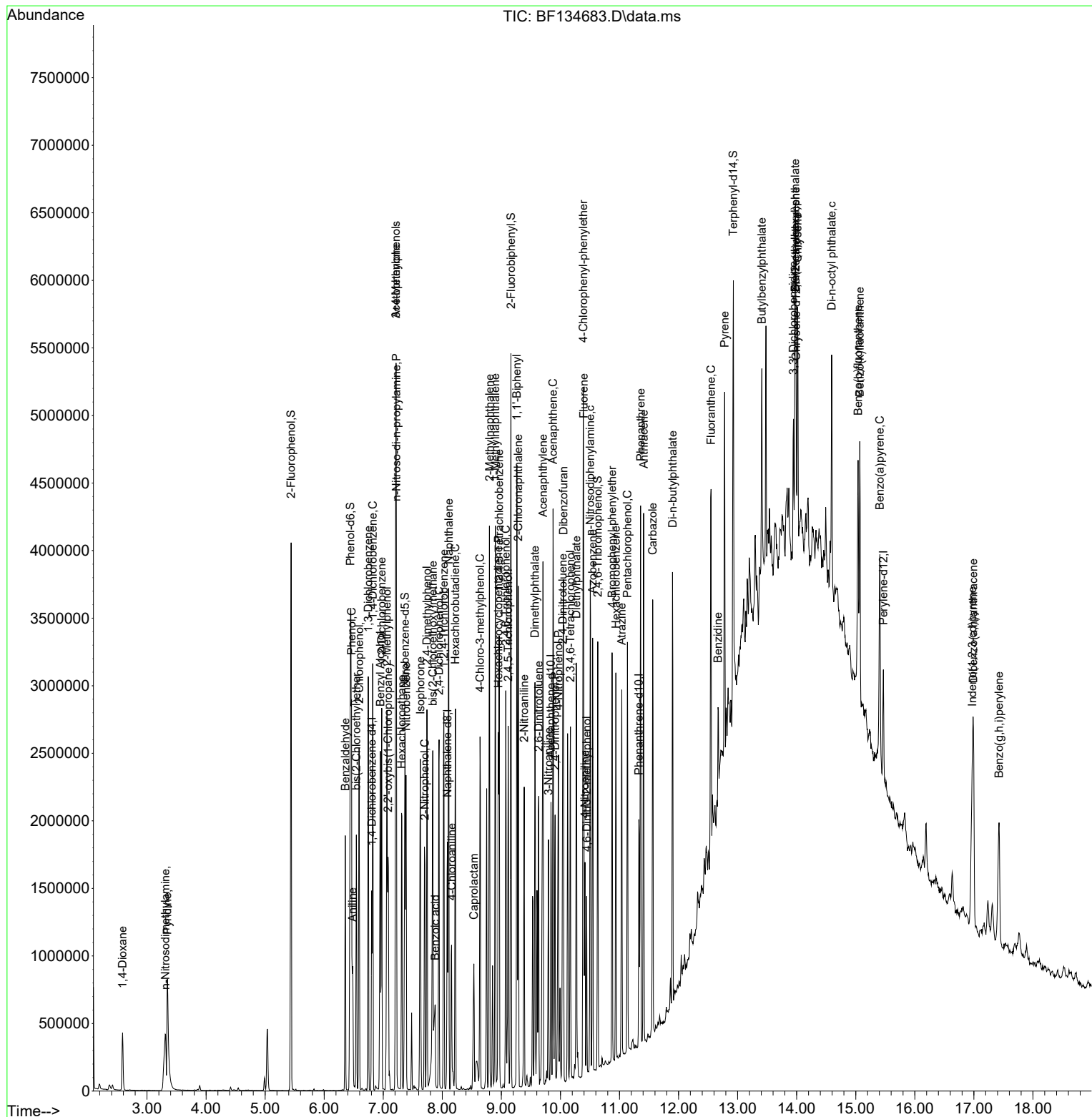
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	393438	44.286	ng	94
46) 1,1'-Biphenyl	9.263	154	1361203	42.857	ng	97
47) 2-Chloronaphthalene	9.286	162	1041150	43.748	ng	99
48) 2-Nitroaniline	9.386	65	350564	47.298	ng	89
49) Acenaphthylene	9.704	152	1584149	42.346	ng	99
50) Dimethylphthalate	9.569	163	1283772	46.115	ng	98
51) 2,6-Dinitrotoluene	9.633	165	289600	50.629	ng	# 77
52) Acenaphthene	9.874	154	964772	39.795	ng	98
53) 3-Nitroaniline	9.798	138	257368	41.478	ng	98
54) 2,4-Dinitrophenol	9.910	184	248733	99.466	ng	84
55) Dibenzofuran	10.051	168	1418003	41.088	ng	94
56) 4-Nitrophenol	9.969	139	479745	94.534	ng	# 73
57) 2,4-Dinitrotoluene	10.039	165	362046	52.282	ng	# 85
58) Fluorene	10.392	166	1032250	41.064	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.169	232	325097	46.254	ng	96
60) Diethylphthalate	10.269	149	1192676	45.200	ng	97
61) 4-Chlorophenyl-phenyle...	10.386	204	526073	42.577	ng	92
62) 4-Nitroaniline	10.416	138	281536	46.292	ng	85
63) Azobenzene	10.545	77	1147345	40.470	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	165778	58.638	ng	85
66) n-Nitrosodiphenylamine	10.504	169	1007572	47.073	ng	98
67) 4-Bromophenyl-phenylether	10.874	248	352658	47.905	ng	100
68) Hexachlorobenzene	10.939	284	374006	48.112	ng	96
69) Atrazine	11.039	200	345244	59.842	ng	98
70) Pentachlorophenol	11.133	266	360989	75.000	ng	95
71) Phenanthrene	11.357	178	1506204	42.168	ng	100
72) Anthracene	11.410	178	1508485	41.345	ng	99
73) Carbazole	11.563	167	1349542	41.426	ng	99
74) Di-n-butylphthalate	11.898	149	1624194	46.929	ng	98
75) Fluoranthene	12.551	202	1344612	35.637	ng	98
77) Benzidine	12.668	184	321664	44.529	ng	98
78) Pyrene	12.780	202	1266881	43.997	ng	97
80) Butylbenzylphthalate	13.410	149	456203	46.854	ng	# 97
81) Benzo(a)anthracene	13.980	228	968927	40.721	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	311875	45.218	ng	# 98
83) Chrysene	14.015	228	982228	42.370	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	535303	46.717	ng	97
85) Di-n-octyl phthalate	14.592	149	1109433	63.670	ng	# 87
87) Indeno(1,2,3-cd)pyrene	16.974	276	1148621	44.755	ng	# 91
88) Benzo(b)fluoranthene	15.039	252	1191435	44.766	ng	# 95
89) Benzo(k)fluoranthene	15.068	252	1101122	41.532	ng	# 96
90) Benzo(a)pyrene	15.409	252	1042557	42.013	ng	# 95
91) Dibenzo(a,h)anthracene	16.992	278	949691	45.788	ng	# 95
92) Benzo(g,h,i)perylene	17.427	276	867055	40.981	ng	# 92

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

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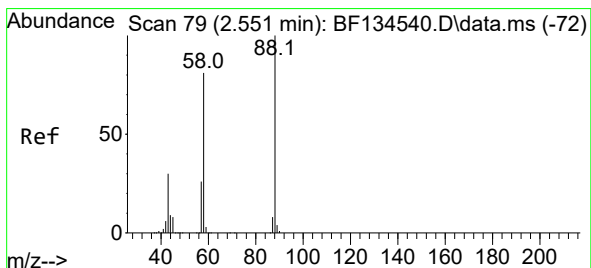
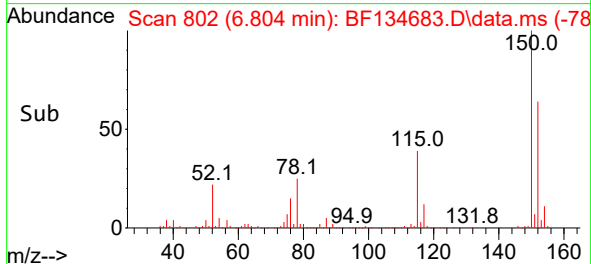
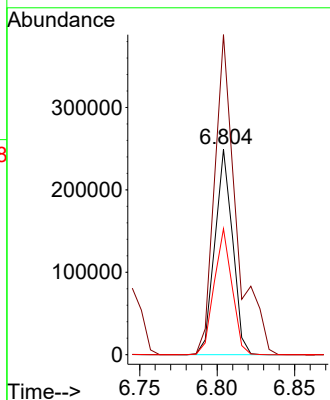
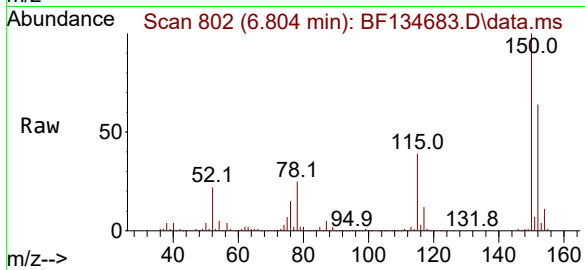




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF134683.D
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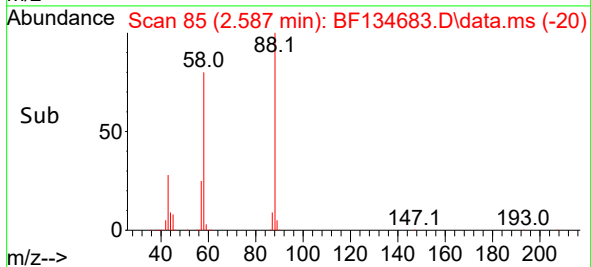
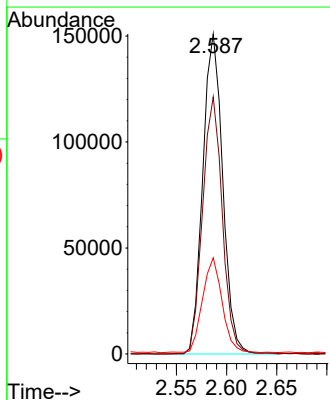
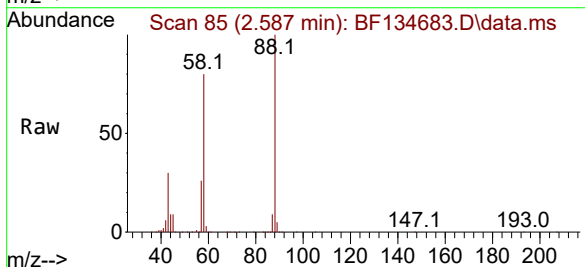
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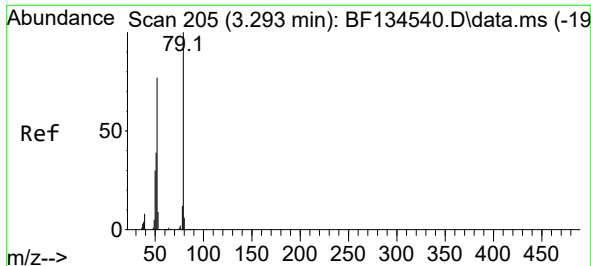
Tgt Ion:152 Resp: 198638
 Ion Ratio Lower Upper
 152 100
 150 155.7 128.3 192.5
 115 61.3 52.4 78.6



#2
 1,4-Dioxane
 Concen: 34.782 ng
 RT: 2.587 min Scan# 85
 Delta R.T. 0.035 min
 Lab File: BF134683.D
 Acq: 09 Aug 2023 11:02

Tgt Ion: 88 Resp: 209121
 Ion Ratio Lower Upper
 88 100
 58 79.6 65.1 97.7
 43 29.3 30.3 45.5





#3

Pyridine

Concen: 33.418 ng

RT: 3.345 min Scan# 214

Delta R.T. 0.041 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

OS-1MSD

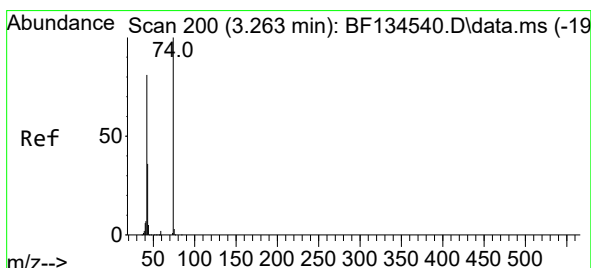
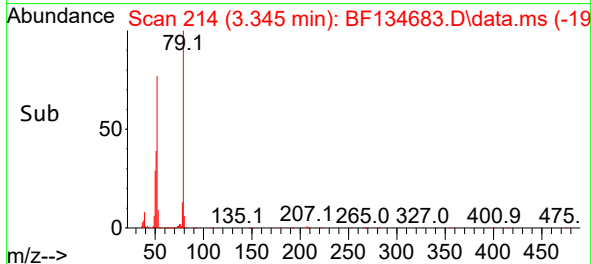
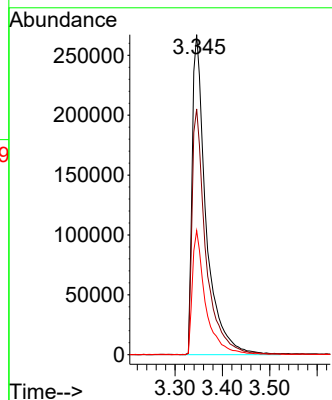
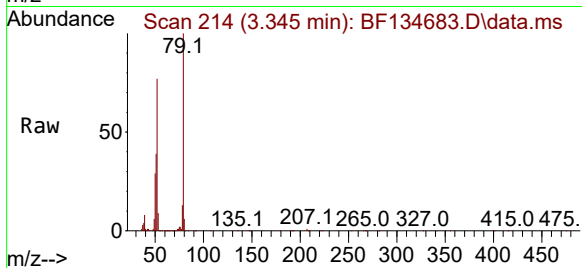
Tgt Ion: 79 Resp: 544435

Ion Ratio Lower Upper

79 100

52 76.8 66.6 100.0

51 38.8 36.5 54.7



#4

n-Nitrosodimethylamine

Concen: 37.957 ng

RT: 3.310 min Scan# 208

Delta R.T. 0.029 min

Lab File: BF134683.D

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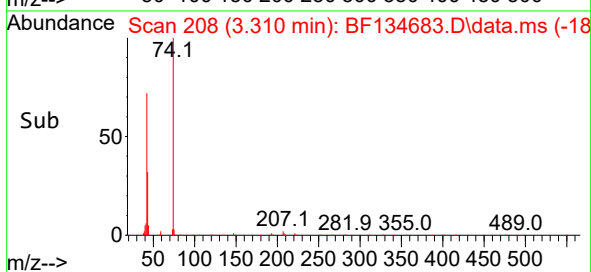
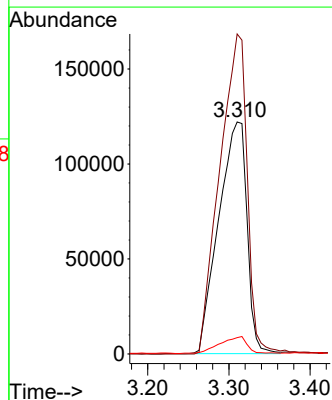
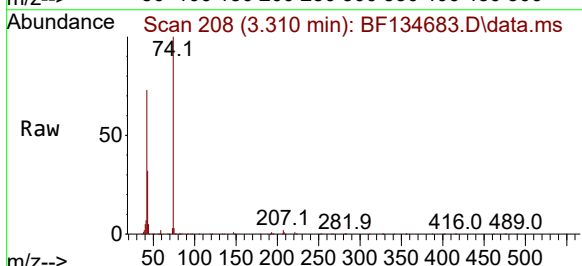
Tgt Ion: 42 Resp: 295471

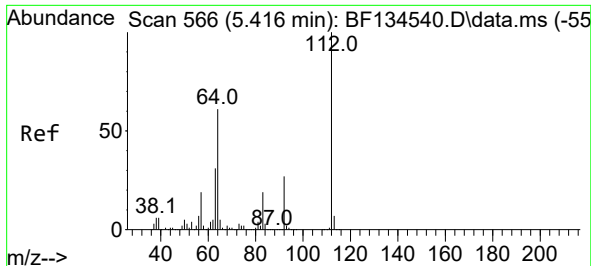
Ion Ratio Lower Upper

42 100

74 137.9 72.2 108.4#

44 7.0 5.4 8.0

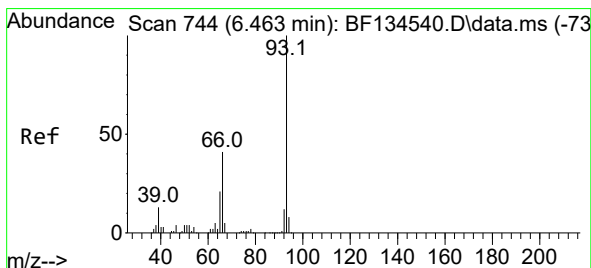
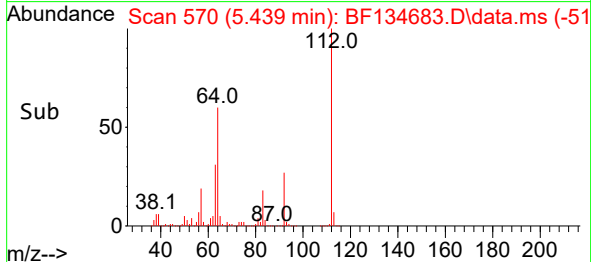
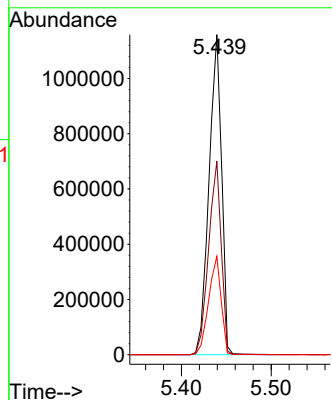
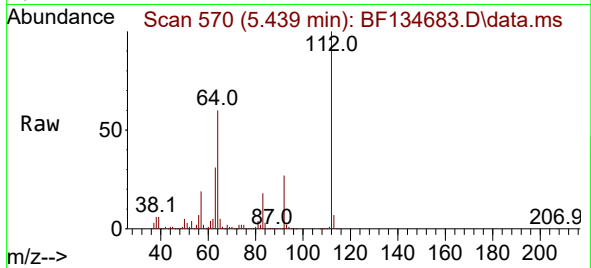




#5
2-Fluorophenol
Concen: 86.460 ng
RT: 5.439 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

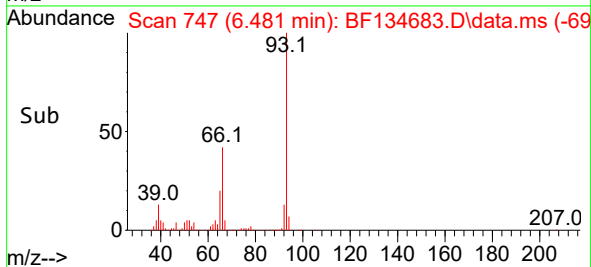
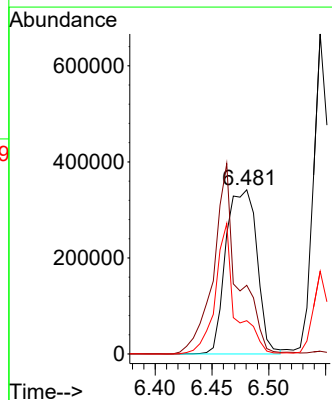
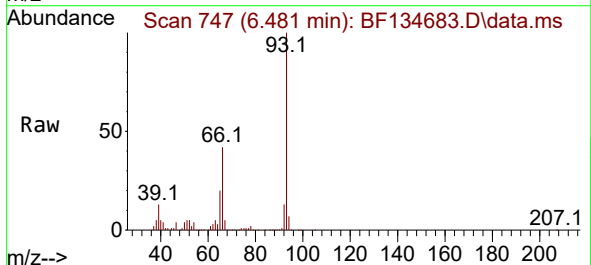
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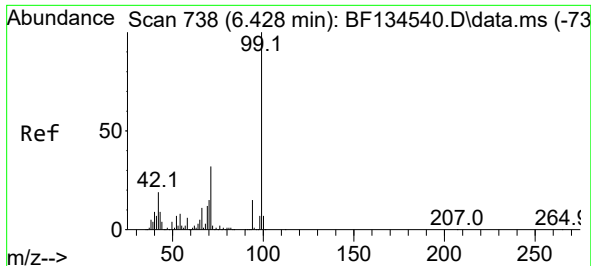
Tgt Ion:112 Resp: 1129807
Ion Ratio Lower Upper
112 100
64 60.4 44.9 67.3
63 30.7 25.4 38.0



#6
Aniline
Concen: 29.682 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.012 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion: 93 Resp: 650321
Ion Ratio Lower Upper
93 100
66 41.9 36.8 55.2
65 20.3 19.4 29.0

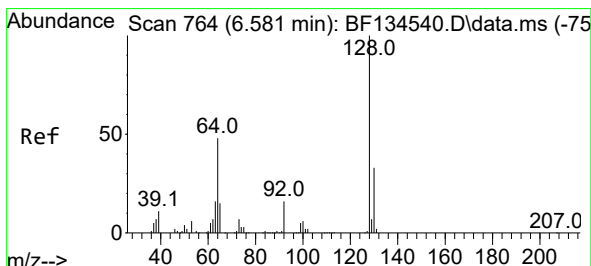
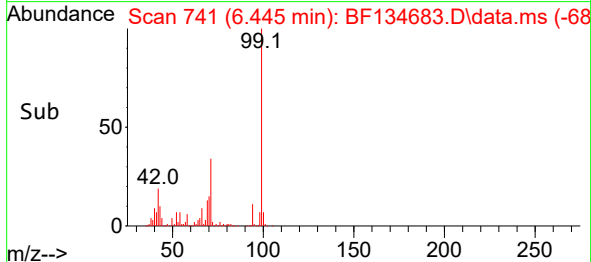
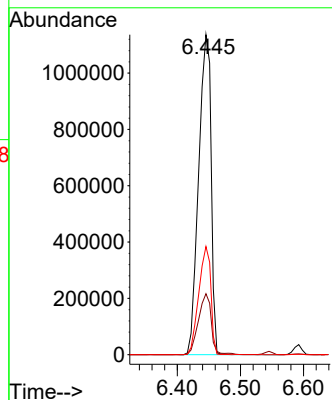
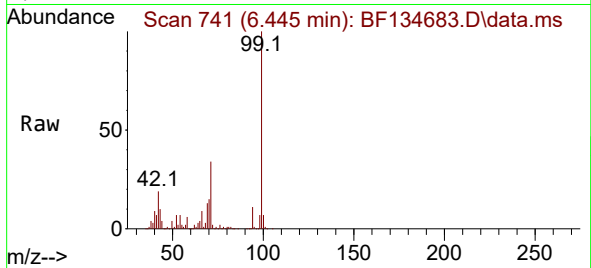




#7
Phenol-d6
Concen: 92.879 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

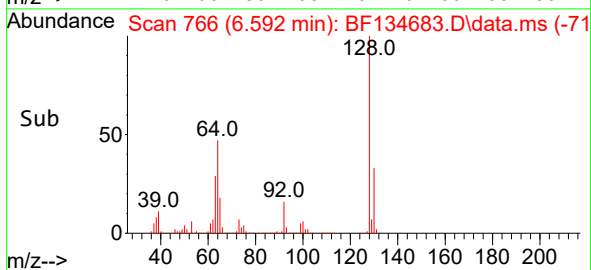
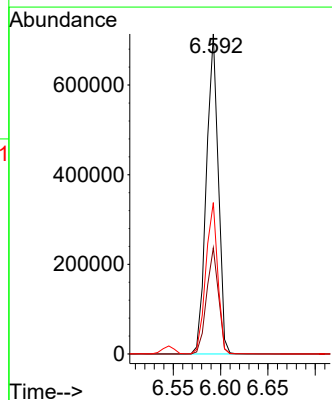
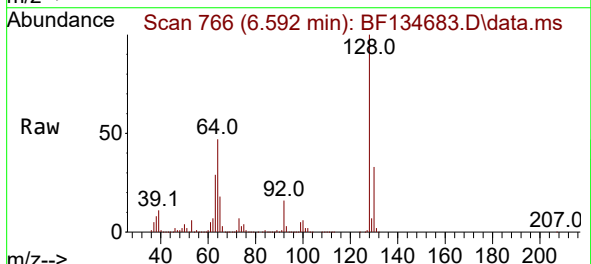
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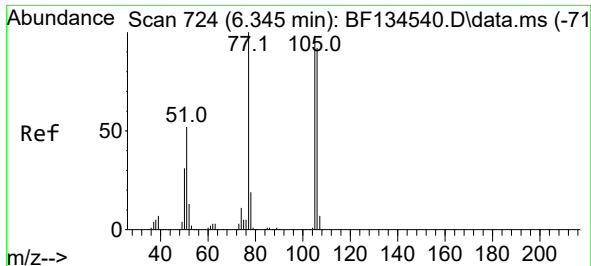
Tgt Ion: 99 Resp: 1551475
Ion Ratio Lower Upper
99 100
42 19.1 18.7 28.1
71 33.8 36.4 54.6#



#8
2-Chlorophenol
Concen: 47.333 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.006 min
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Tgt Ion: 128 Resp: 623935
Ion Ratio Lower Upper
128 100
130 33.2 11.1 51.1
64 47.3 31.9 71.9

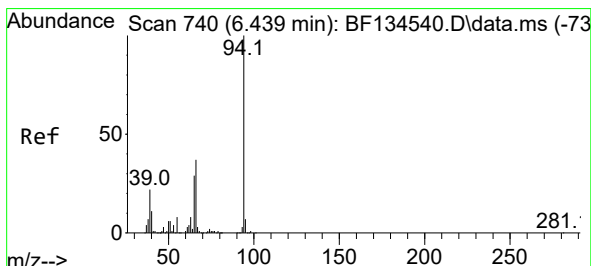
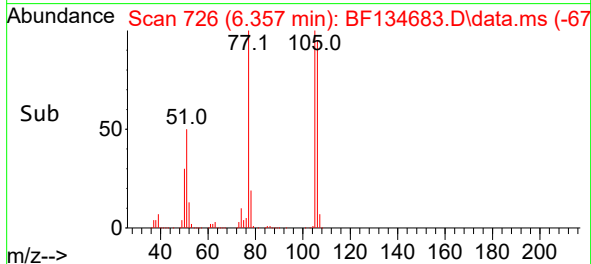
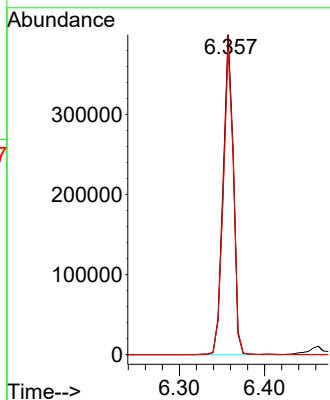
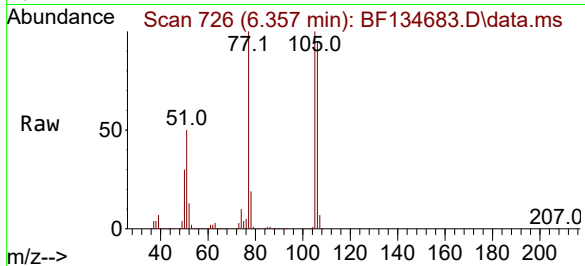




#9
Benzaldehyde
Concen: 42.180 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.000 min
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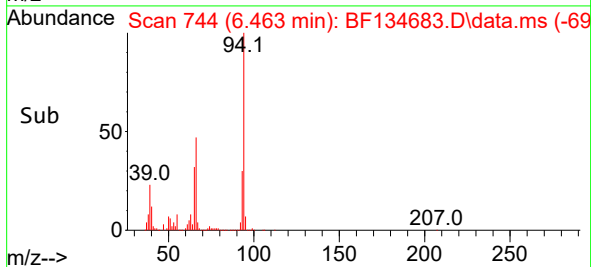
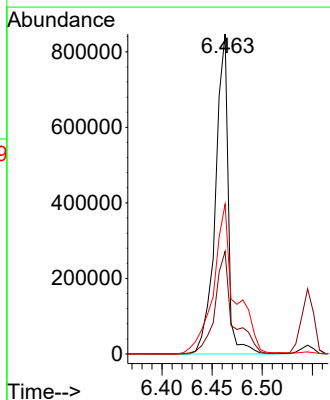
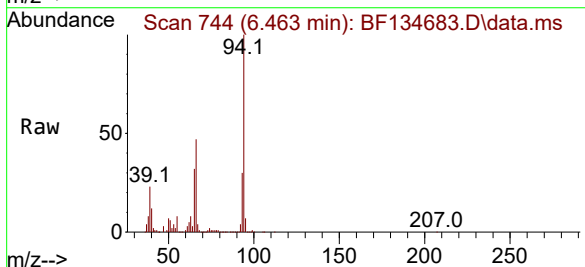
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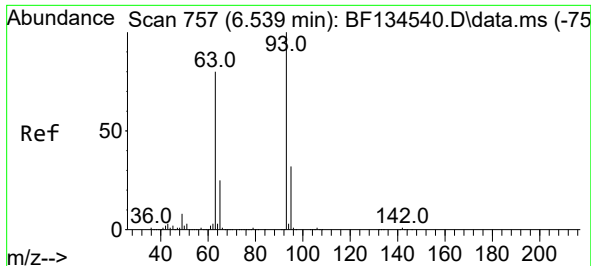
Tgt Ion: 77 Resp: 331964
Ion Ratio Lower Upper
77 100
105 100.1 77.1 117.1
106 95.3 71.4 111.4



#10
Phenol
Concen: 45.748 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.012 min
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Tgt Ion: 94 Resp: 753064
Ion Ratio Lower Upper
94 100
65 32.0 17.8 57.8
66 46.8 35.2 75.2

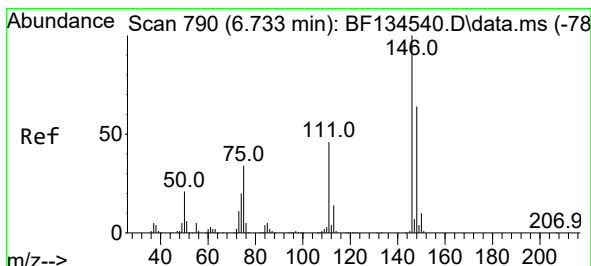
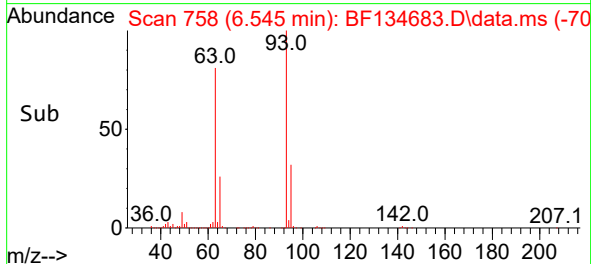
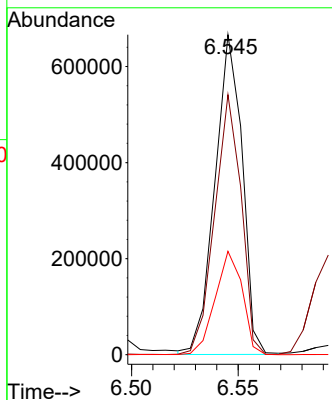
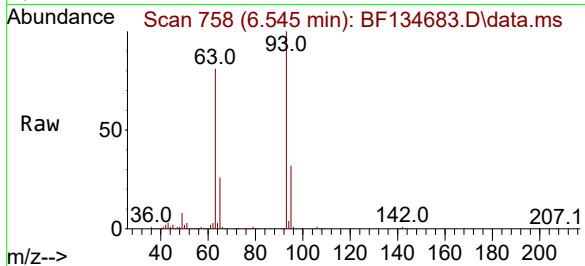




#11
bis(2-Chloroethyl)ether
Concen: 45.305 ng
RT: 6.545 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

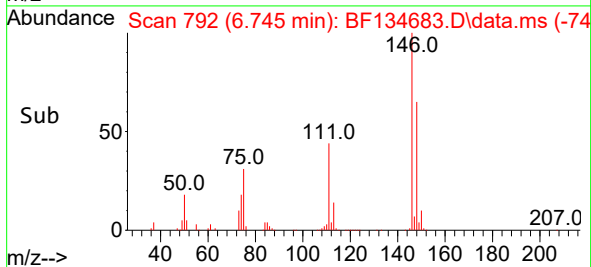
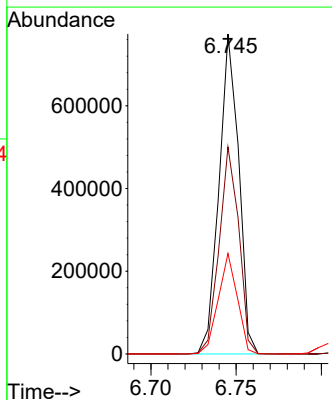
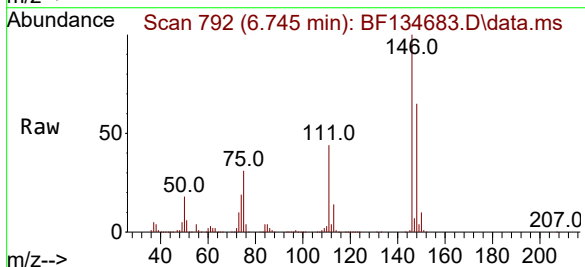
Instrument :
BNA_F
ClientSampleId :
OS-1MSD

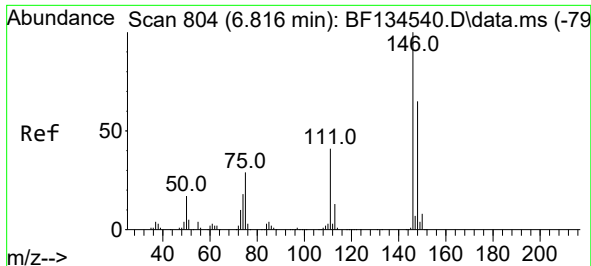
Tgt Ion: 93 Resp: 592439
Ion Ratio Lower Upper
93 100
63 81.2 68.4 108.4
95 32.3 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 45.632 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion:146 Resp: 622349
Ion Ratio Lower Upper
146 100
148 64.7 49.7 74.5
75 31.4 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 46.087 ng

RT: 6.822 min Scan# 804

Delta R.T. 0.006 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

OS-1MSD

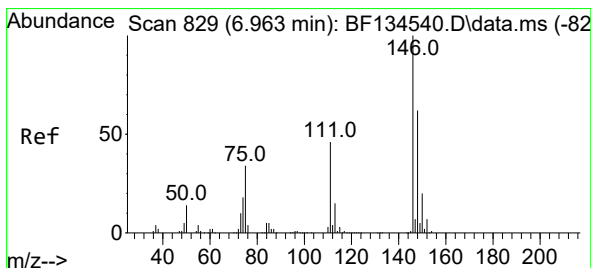
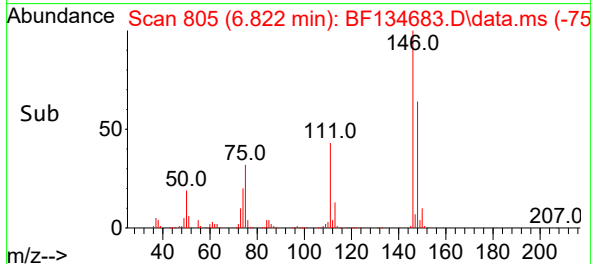
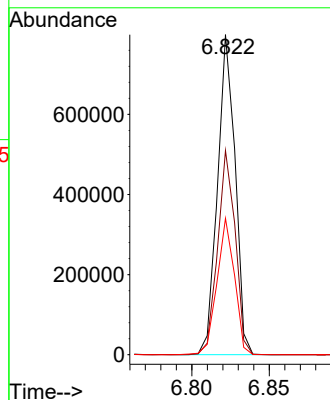
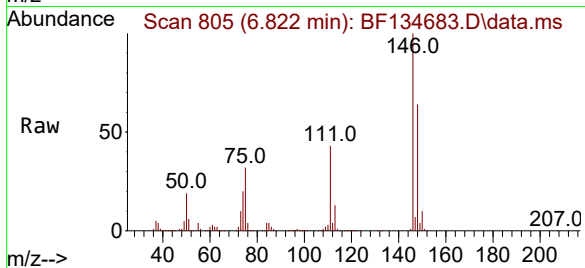
Tgt Ion:146 Resp: 629949

Ion Ratio Lower Upper

146 100

148 63.8 51.3 76.9

111 42.6 36.6 55.0



#14

1,2-Dichlorobenzene

Concen: 47.346 ng

RT: 6.975 min Scan# 831

Delta R.T. 0.006 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

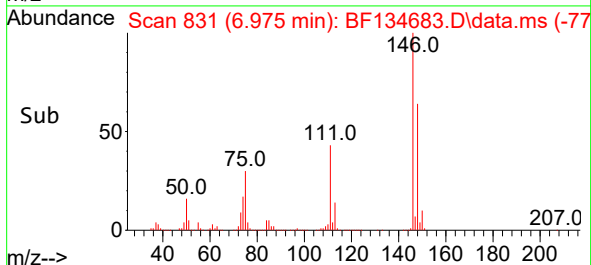
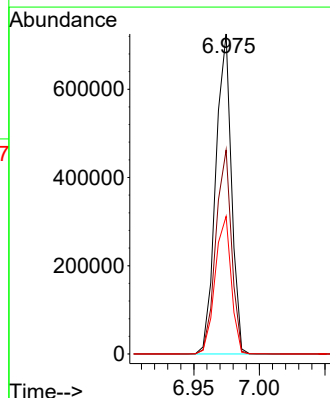
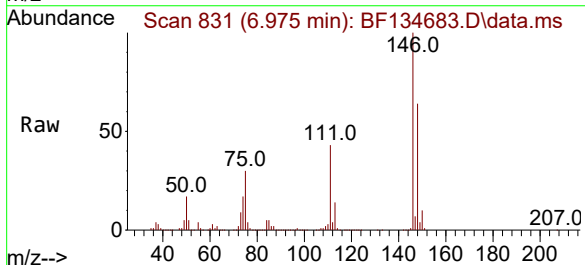
Tgt Ion:146 Resp: 602984

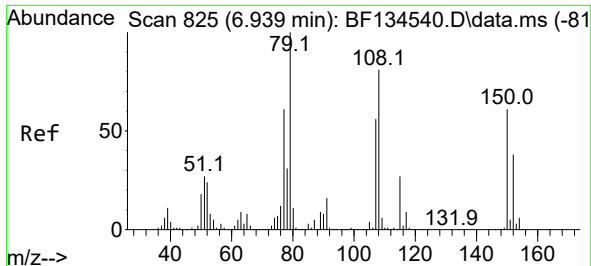
Ion Ratio Lower Upper

146 100

148 63.8 51.2 76.8

111 43.0 39.9 59.9

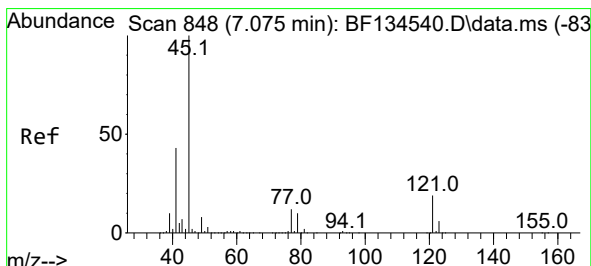
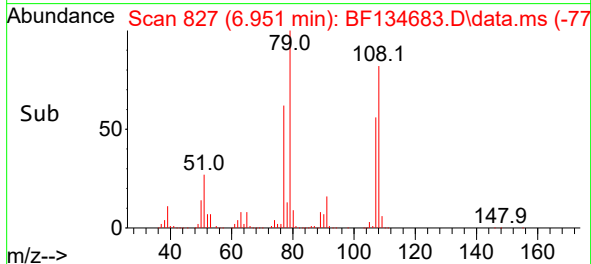
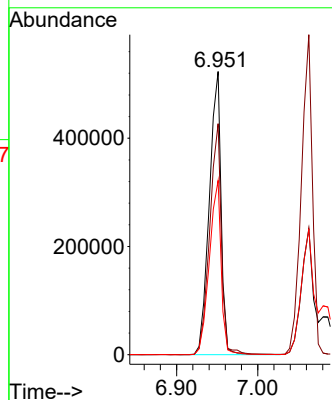
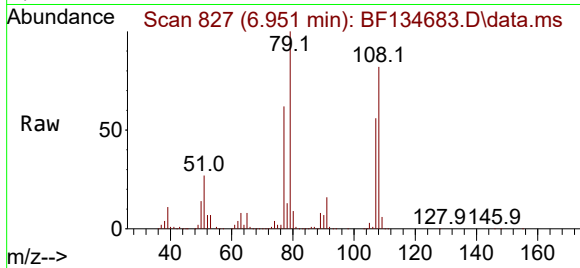




#15
Benzyl Alcohol
Concen: 45.784 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

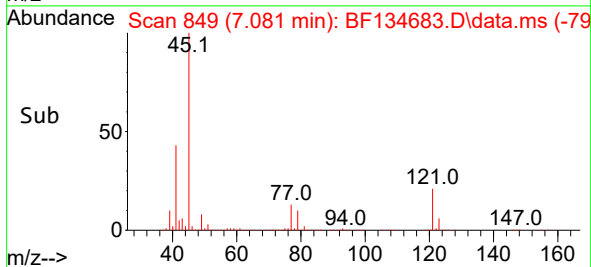
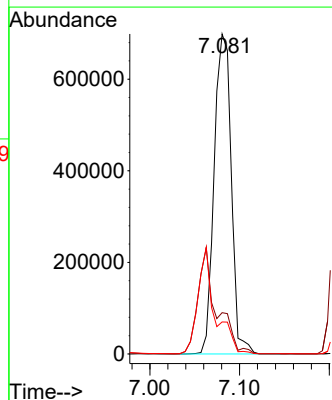
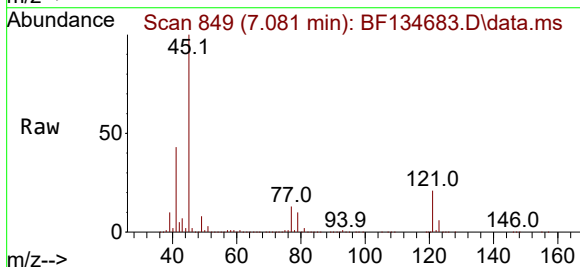
Instrument :
BNA_F
ClientSampleId :
OS-1MSD

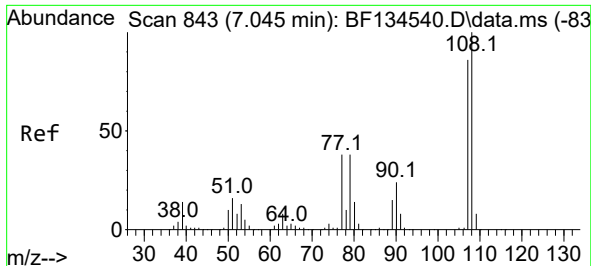
Tgt Ion: 79 Resp: 527598
Ion Ratio Lower Upper
79 100
108 81.6 56.3 84.5
77 61.6 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.996 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion: 45 Resp: 921824
Ion Ratio Lower Upper
45 100
77 12.9 0.0 37.8
79 10.0 0.0 34.5

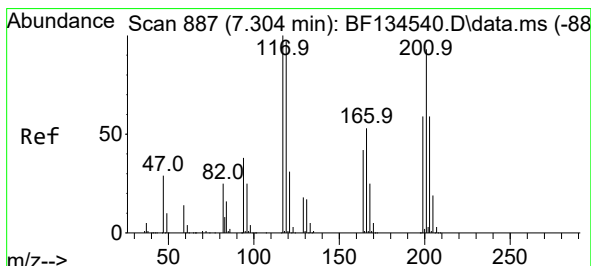
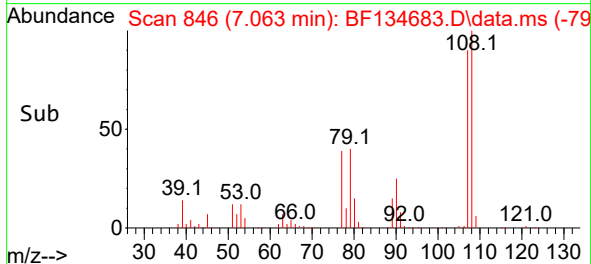
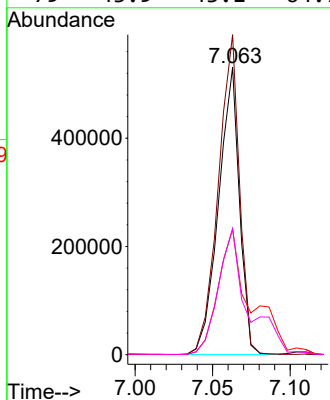
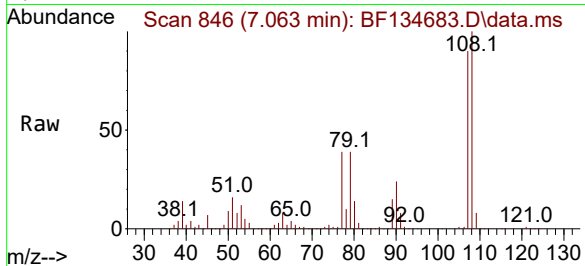




#17
2-Methylphenol
Concen: 42.734 ng
RT: 7.063 min Scan# 843
Delta R.T. 0.012 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

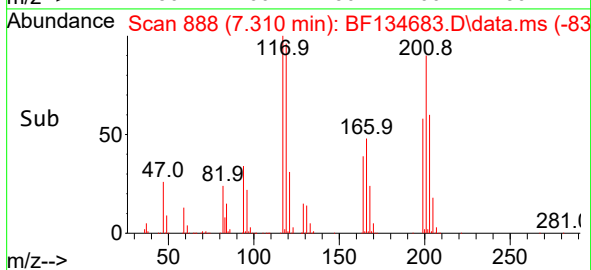
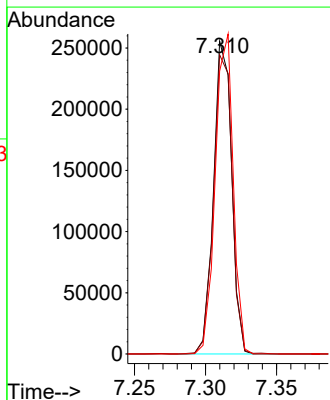
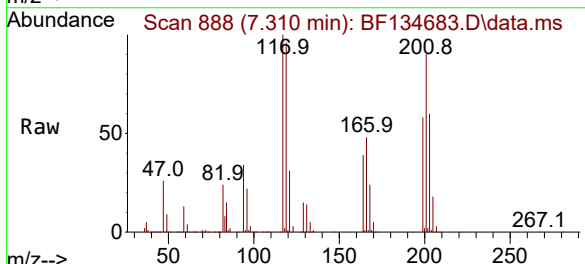
Instrument :
BNA_F
ClientSampleId :
OS-1MSD

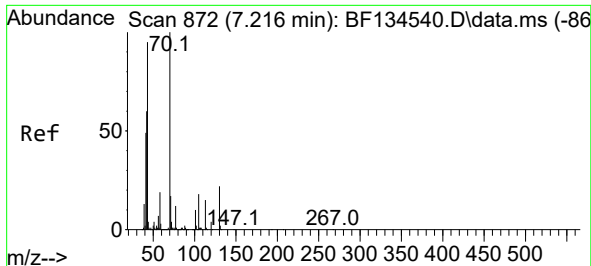
Tgt Ion:107 Resp: 497784
Ion Ratio Lower Upper
107 100
108 111.4 89.4 134.2
77 43.7 42.4 63.6
79 43.9 43.1 64.7



#18
Hexachloroethane
Concen: 47.005 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion:117 Resp: 225495
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.8
201 90.4 73.6 110.4

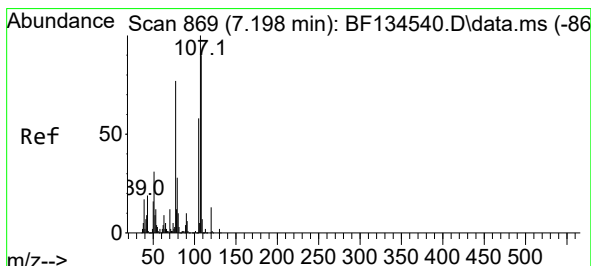
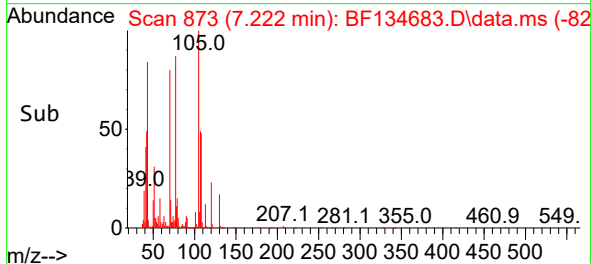
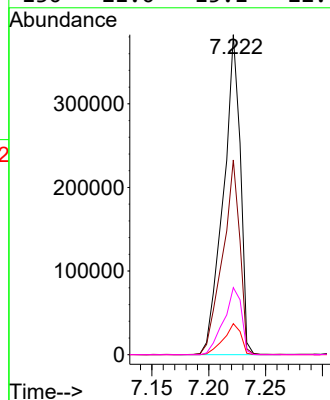
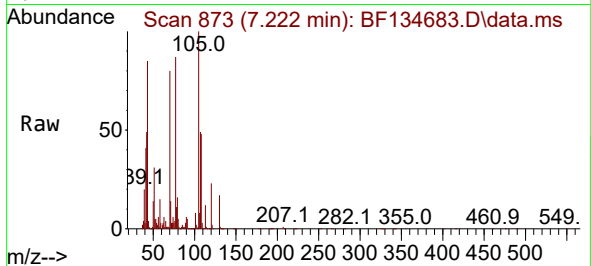




#19
n-Nitroso-di-n-propylamine
Concen: 39.793 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

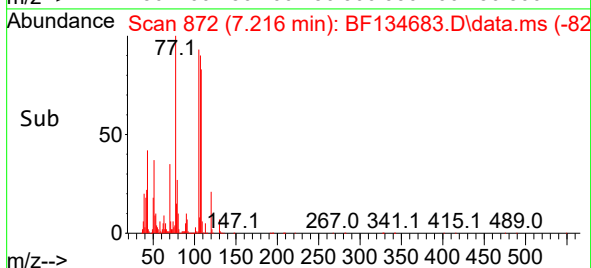
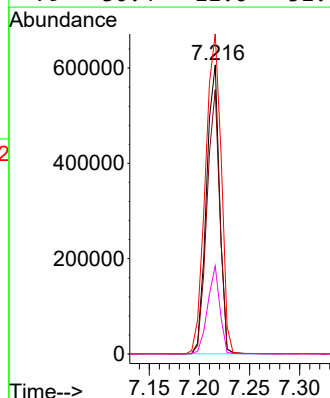
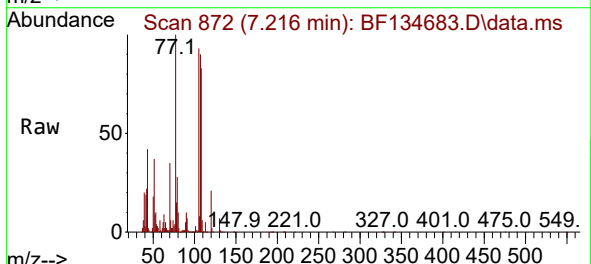
Instrument :
BNA_F
ClientSampleId :
OS-1MSD

Tgt Ion: 70 Resp: 397976
Ion Ratio Lower Upper
70 100
42 60.9 54.7 82.1
101 9.7 8.2 12.2
130 21.0 15.1 22.7



#20
3+4-Methylphenols
Concen: 39.409 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion: 107 Resp: 553615
Ion Ratio Lower Upper
107 100
108 91.5 68.1 108.1
77 110.7 122.1 162.1#
79 30.4 11.0 51.0

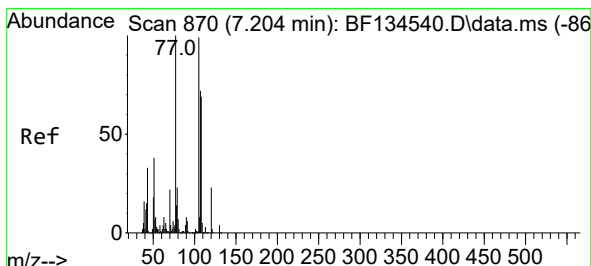
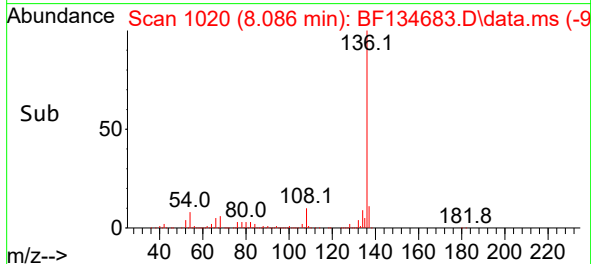
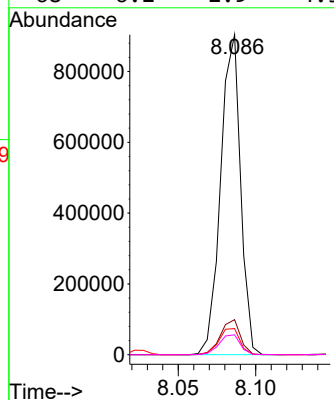
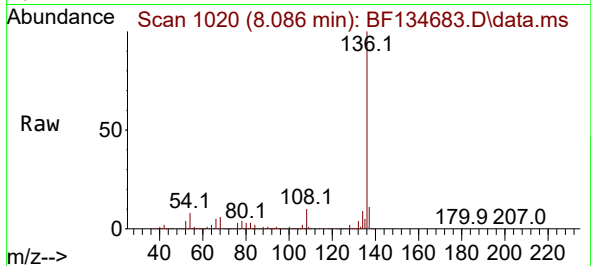




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

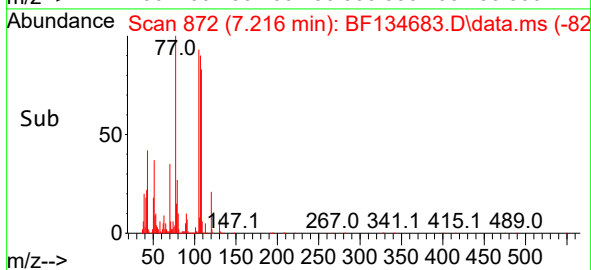
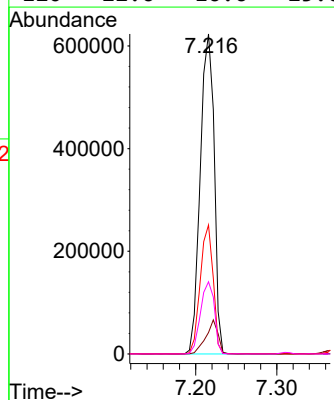
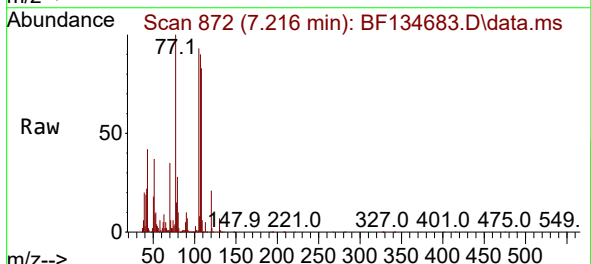
Instrument :
BNA_F
ClientSampleId :
OS-1MSD

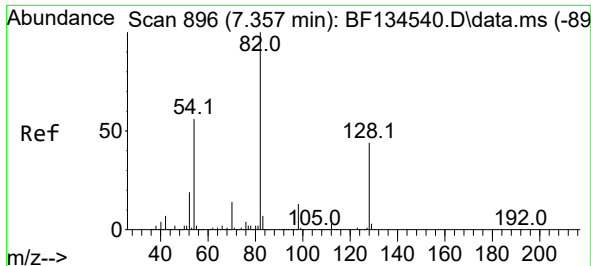
Tgt Ion:136 Resp: 807407
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.2 5.2 7.8#
68 6.2 2.9 4.3#



#22
Acetophenone
Concen: 39.965 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion:105 Resp: 744940
Ion Ratio Lower Upper
105 100
71 6.7 7.4 11.0#
51 40.3 36.4 54.6
120 22.6 16.6 25.0





#23

Nitrobenzene-d5

Concen: 72.812 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

OS-1MSD

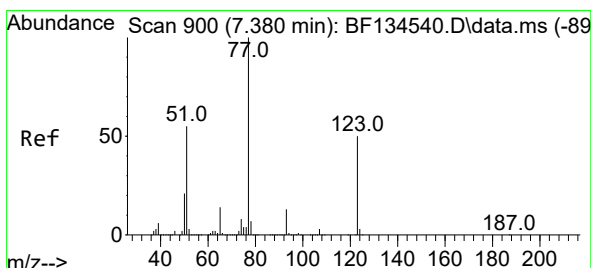
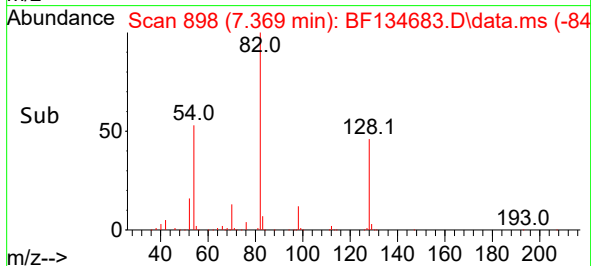
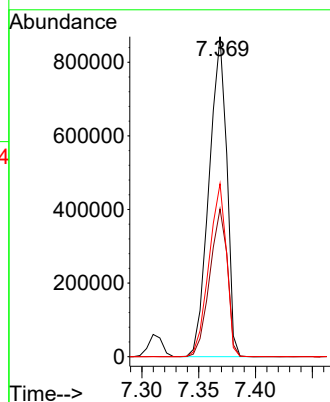
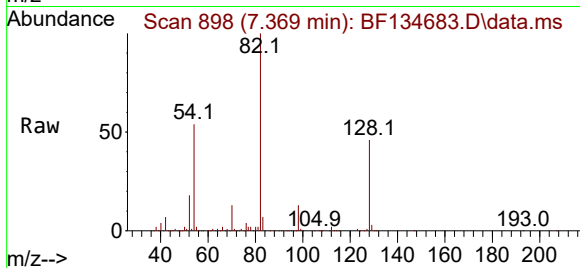
Tgt Ion: 82 Resp: 940728

Ion Ratio Lower Upper

82 100

128 46.2 34.3 51.5

54 54.1 43.8 65.6



#24

Nitrobenzene

Concen: 45.318 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

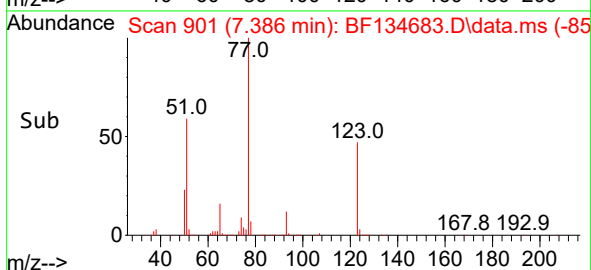
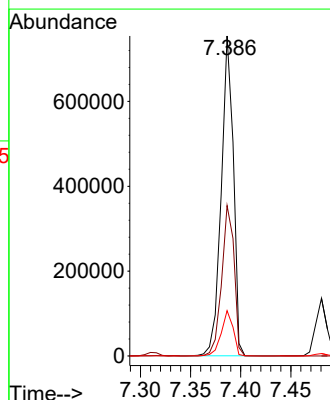
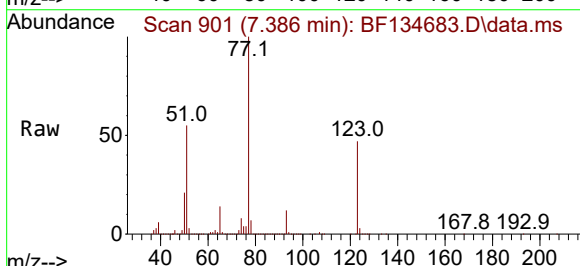
Tgt Ion: 77 Resp: 632557

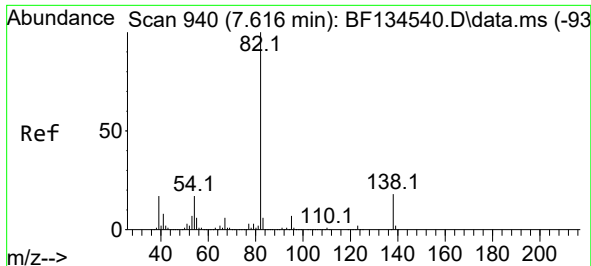
Ion Ratio Lower Upper

77 100

123 47.0 35.5 53.3

65 14.2 11.9 17.9

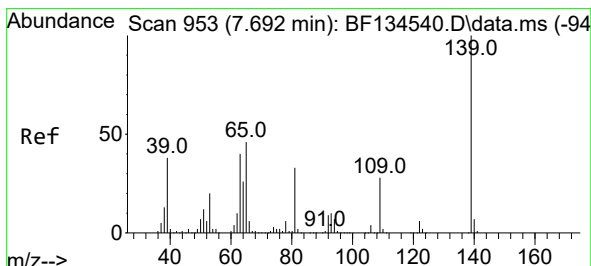
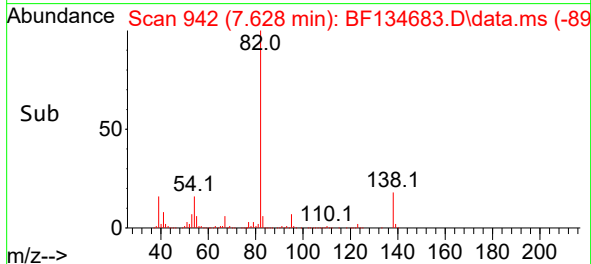
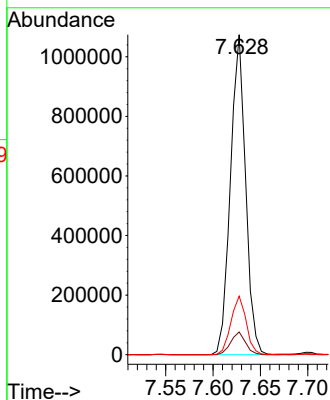
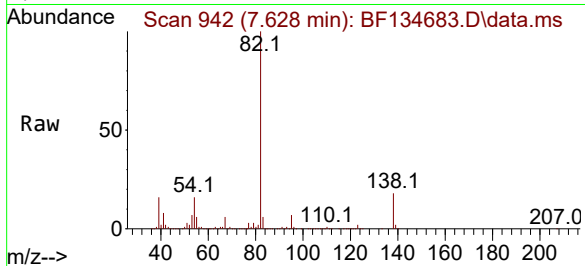




#25
Isophorone
Concen: 42.285 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

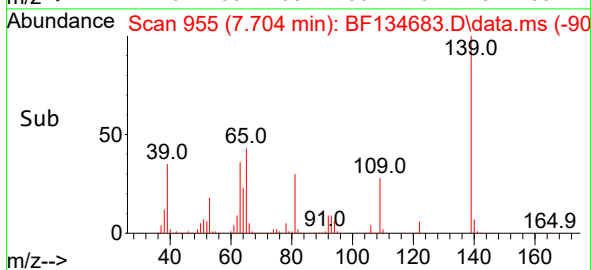
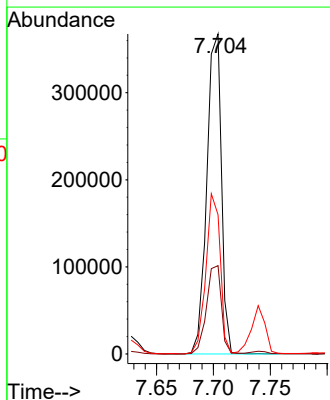
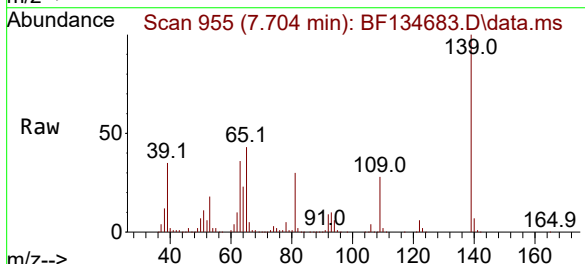
Instrument :
BNA_F
ClientSampleId :
OS-1MSD

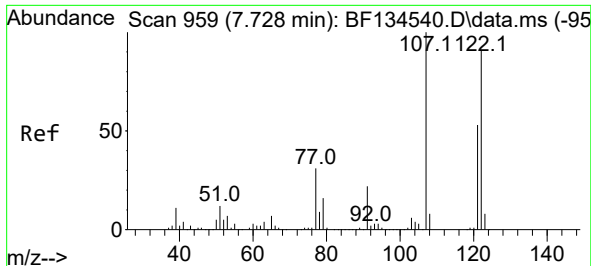
Tgt Ion: 82 Resp: 1191593
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 18.3 14.6 22.0



#26
2-Nitrophenol
Concen: 54.486 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion: 139 Resp: 327894
Ion Ratio Lower Upper
139 100
109 27.6 29.8 44.6#
65 43.5 45.4 68.2#





#27

2,4-Dimethylphenol

Concen: 39.262 ng

RT: 7.739 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

OS-1MSD

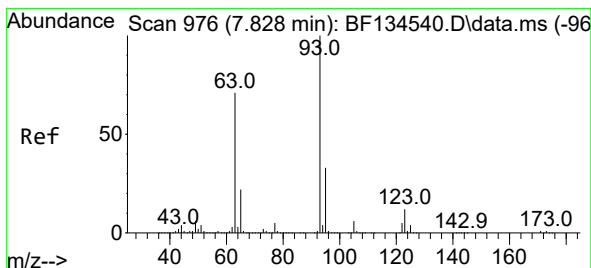
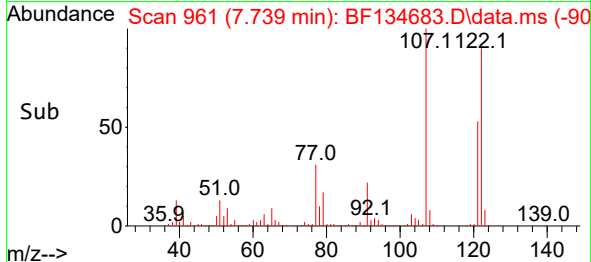
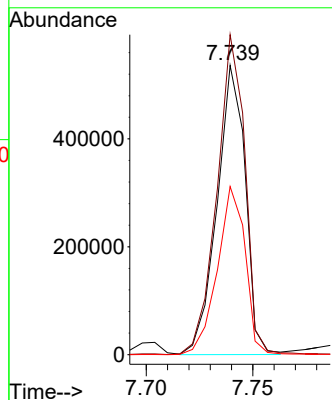
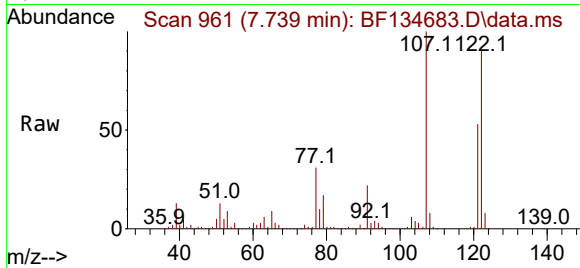
Tgt Ion:122 Resp: 493663

Ion Ratio Lower Upper

122 100

107 110.6 106.7 160.1

121 58.1 49.0 73.6



#28

bis(2-Chloroethoxy)methane

Concen: 43.238 ng

RT: 7.839 min Scan# 978

Delta R.T. 0.006 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

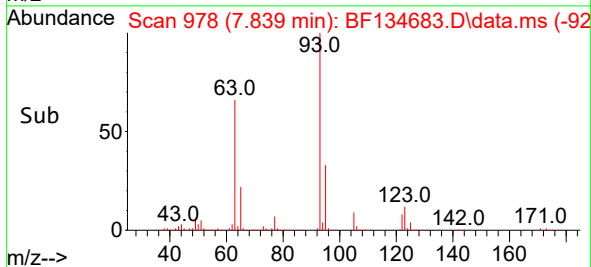
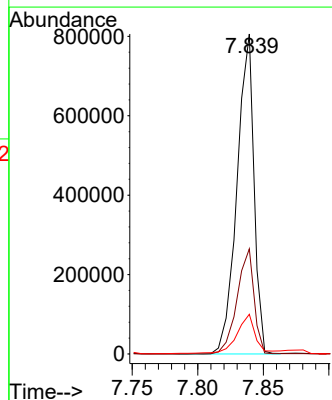
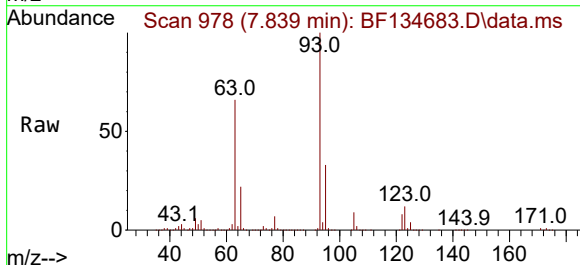
Tgt Ion: 93 Resp: 728874

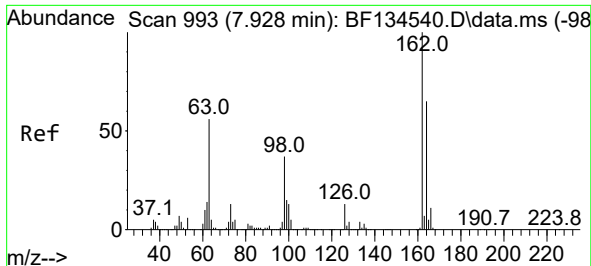
Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

123 12.4 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 44.884 ng

RT: 7.945 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

OS-1MSD

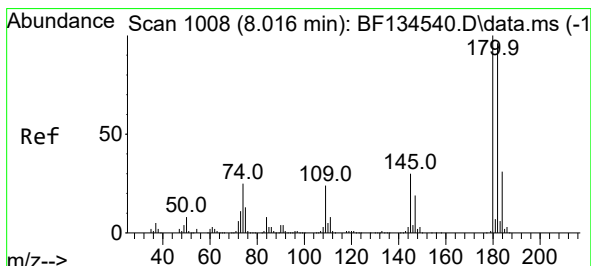
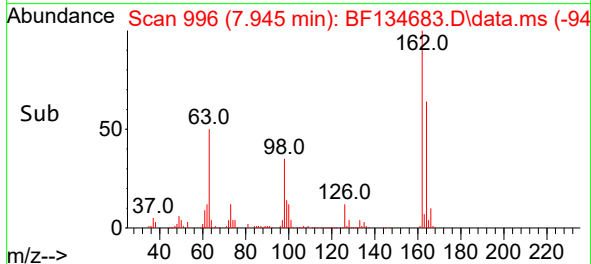
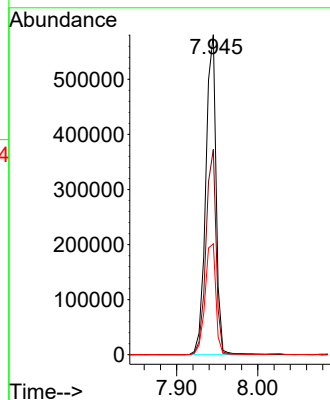
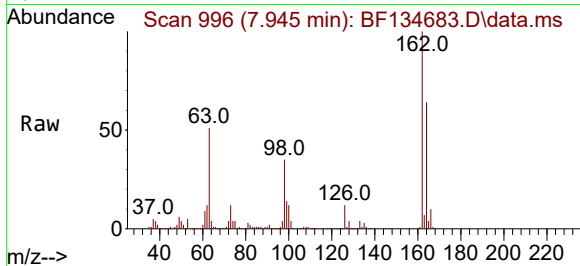
Tgt Ion:162 Resp: 512220

Ion Ratio Lower Upper

162 100

164 64.2 42.2 82.2

98 34.7 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 44.707 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.006 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

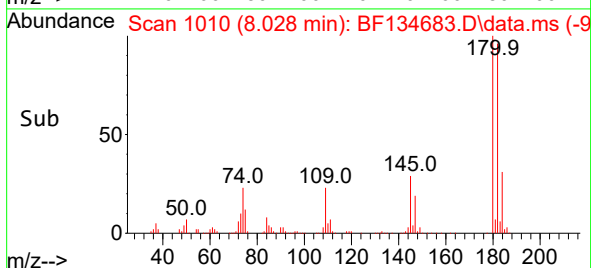
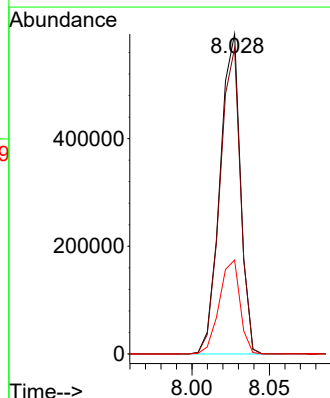
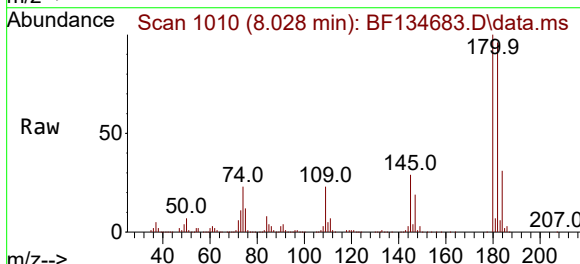
Tgt Ion:180 Resp: 544059

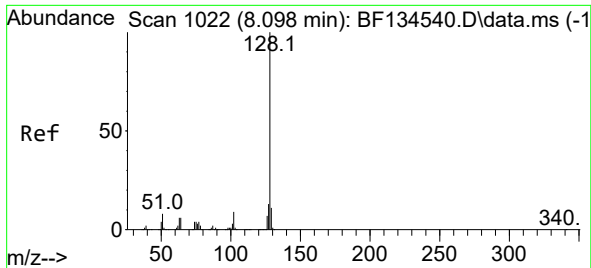
Ion Ratio Lower Upper

180 100

182 95.6 75.0 112.6

145 29.3 25.5 38.3

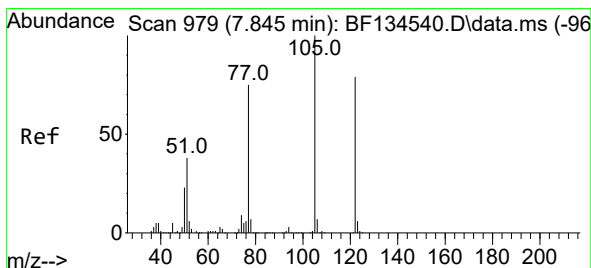
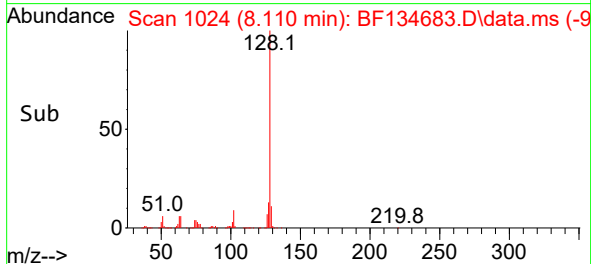
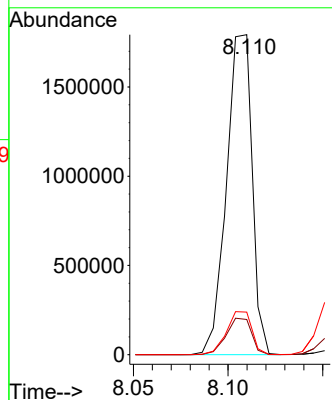
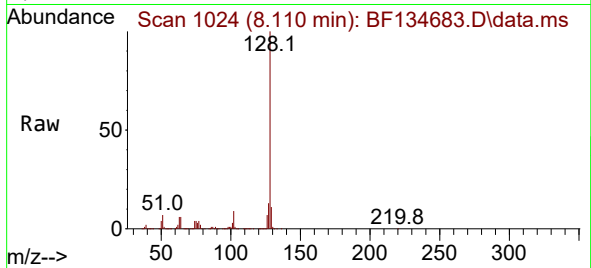




#31
Naphthalene
Concen: 41.655 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

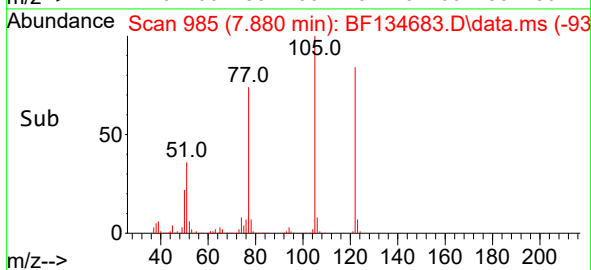
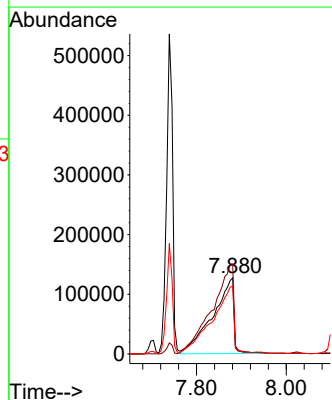
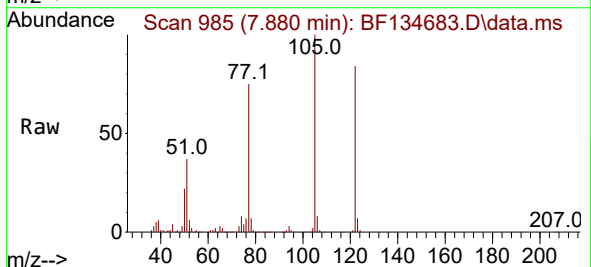
Instrument :
BNA_F
ClientSampleId :
OS-1MSD

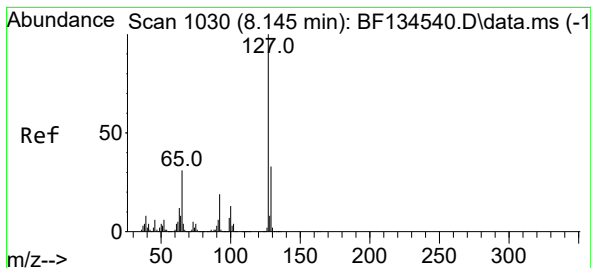
Tgt Ion:128 Resp: 1690289
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 50.578 ng
RT: 7.880 min Scan# 985
Delta R.T. 0.018 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion:122 Resp: 418984
Ion Ratio Lower Upper
122 100
105 118.5 87.5 127.5
77 89.1 71.4 111.4





#33

4-Chloroaniline

Concen: 19.054 ng

RT: 8.157 min Scan# 1032

Delta R.T. 0.006 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

OS-1MSD

Tgt Ion:127 Resp: 344507

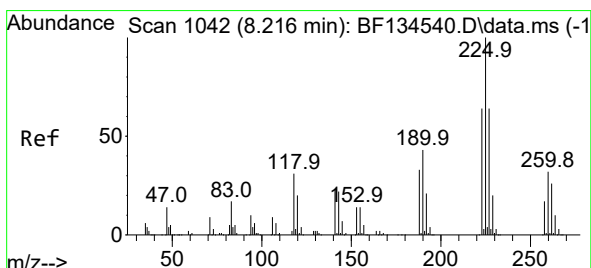
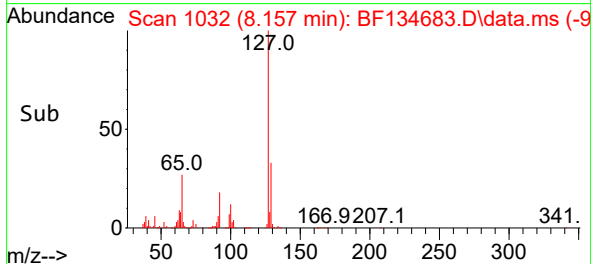
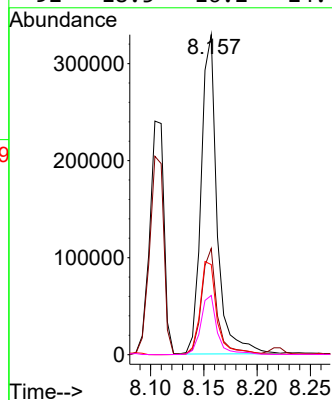
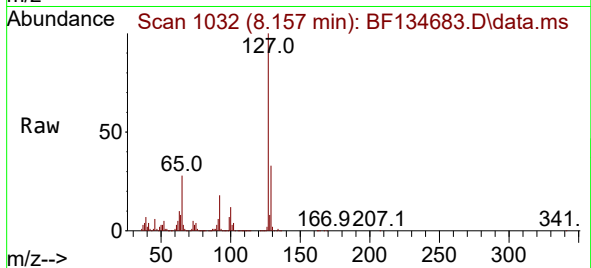
Ion Ratio Lower Upper

127 100

129 33.2 25.6 38.4

65 28.1 25.4 38.0

92 18.5 16.2 24.4



#34

Hexachlorobutadiene

Concen: 45.151 ng

RT: 8.222 min Scan# 1043

Delta R.T. 0.006 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

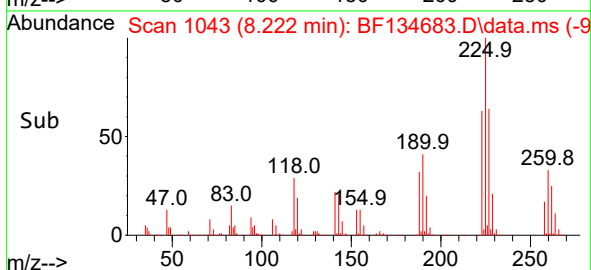
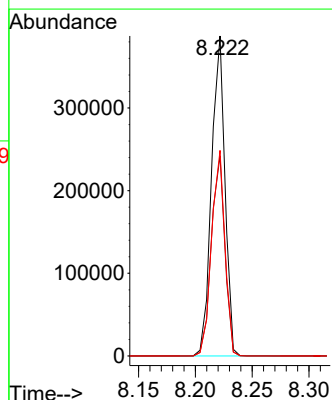
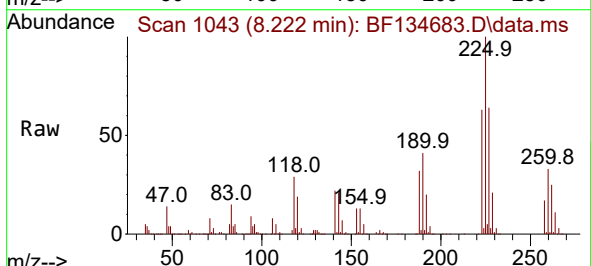
Tgt Ion:225 Resp: 316937

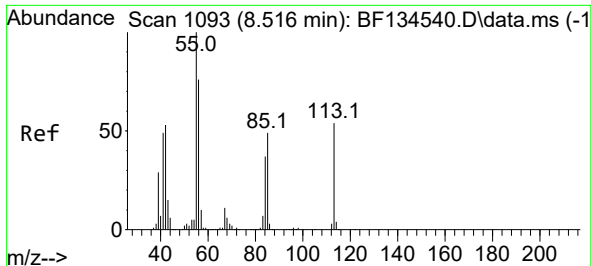
Ion Ratio Lower Upper

225 100

223 62.6 48.2 72.4

227 64.3 48.5 72.7

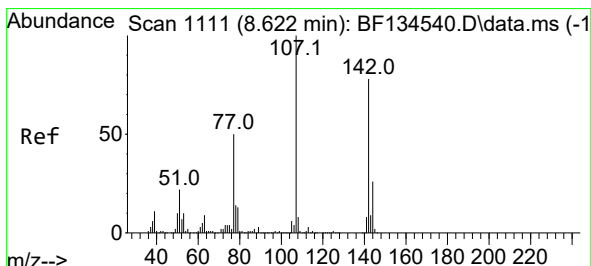
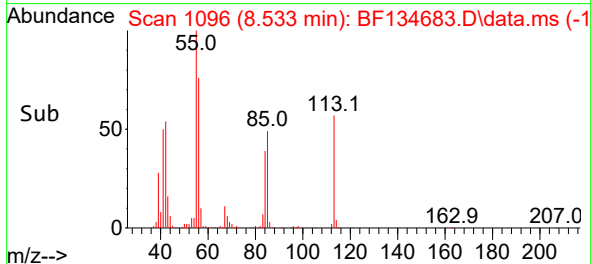
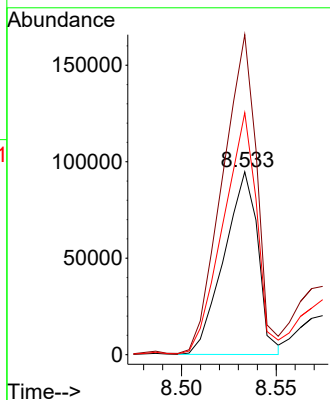
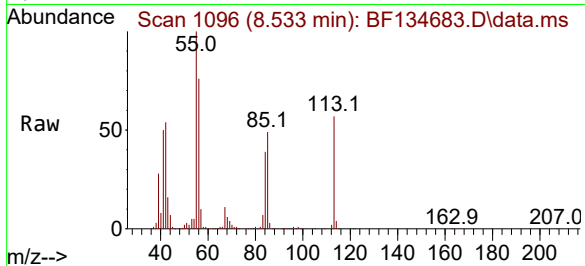




#35
 Caprolactam
 Concen: 31.999 ng
 RT: 8.533 min Scan# 1096
 Delta R.T. -0.000 min
 Lab File: BF134683.D
 Acq: 09 Aug 2023 11:02

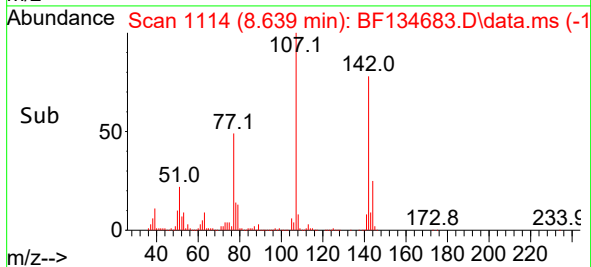
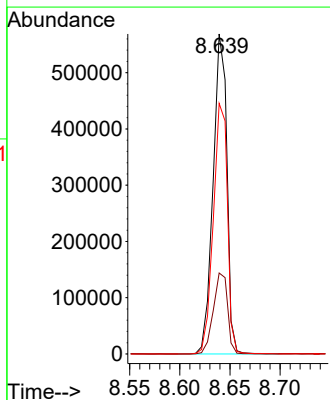
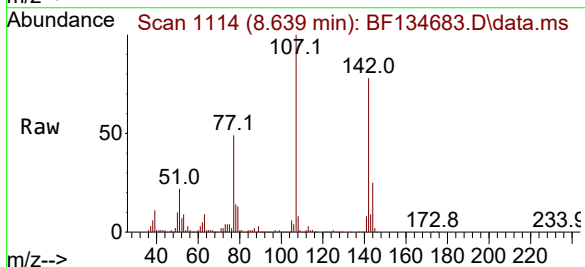
Instrument :
 BNA_F
 ClientSampleId :
 OS-1MSD

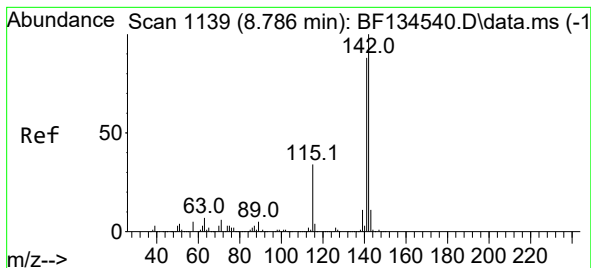
Tgt Ion:113 Resp: 117814
 Ion Ratio Lower Upper
 113 100
 55 174.9 161.5 201.5
 56 132.3 117.8 157.8



#36
 4-Chloro-3-methylphenol
 Concen: 45.109 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF134683.D
 Acq: 09 Aug 2023 11:02

Tgt Ion:107 Resp: 545174
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.6 29.4
 142 78.3 57.7 86.5

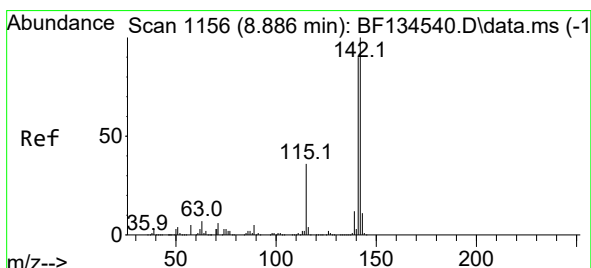
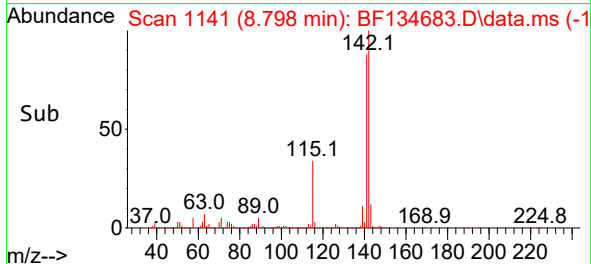
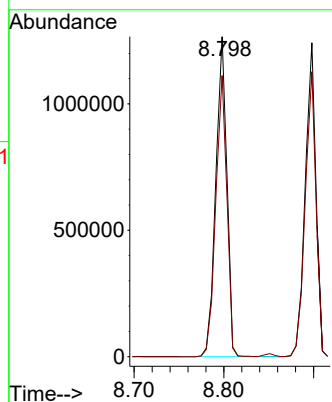
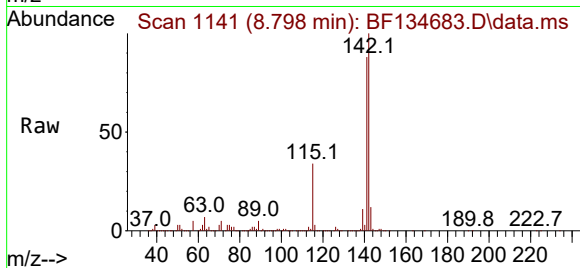




#37
2-Methylnaphthalene
Concen: 40.384 ng
RT: 8.798 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

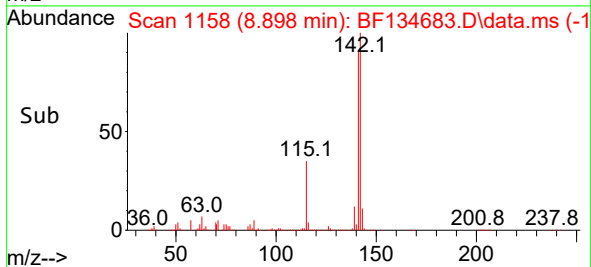
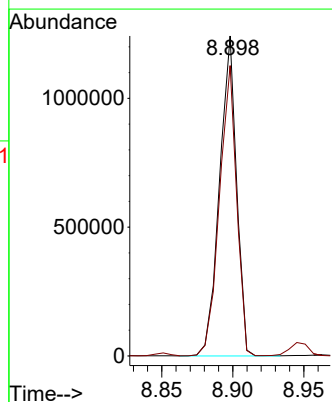
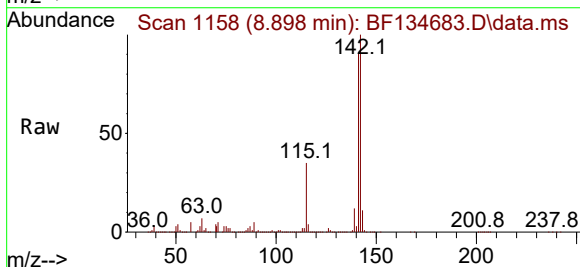
Instrument :
BNA_F
ClientSampleId :
OS-1MSD

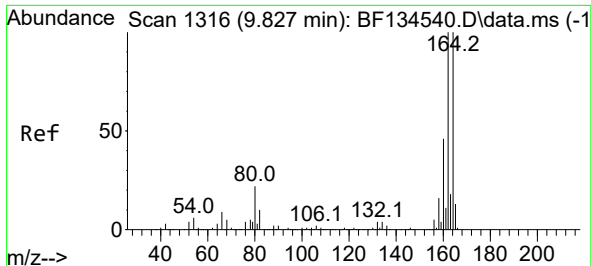
Tgt Ion:142 Resp: 1086208
Ion Ratio Lower Upper
142 100
141 87.9 70.8 106.2



#38
1-Methylnaphthalene
Concen: 41.306 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion:142 Resp: 1033113
Ion Ratio Lower Upper
142 100
141 90.8 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: BF134683.D

Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

OS-1MSD

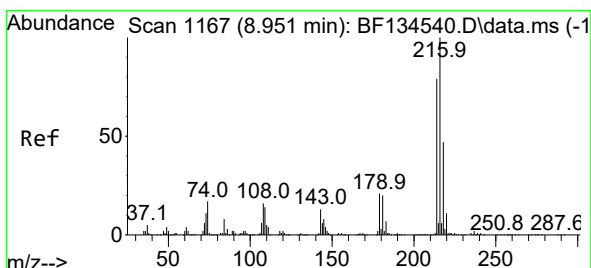
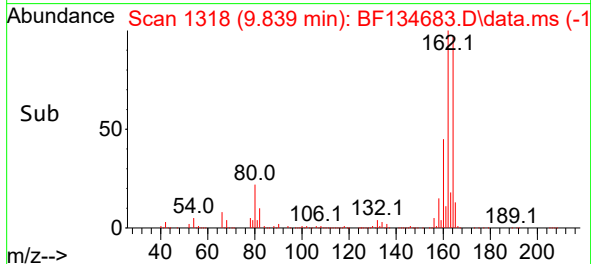
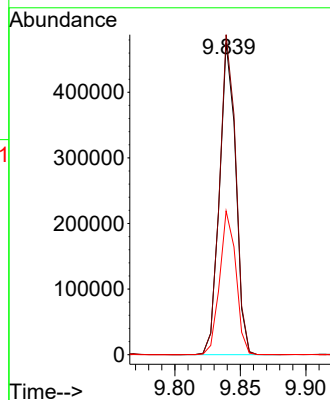
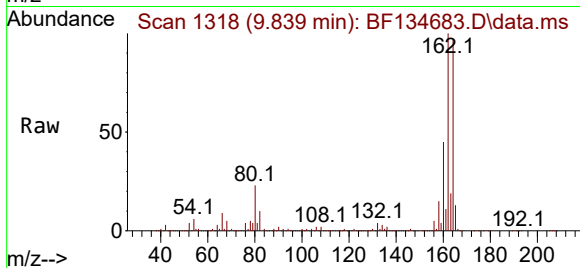
Tgt Ion:164 Resp: 408444

Ion Ratio Lower Upper

164 100

162 102.6 82.6 123.8

160 46.1 37.2 55.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.538 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.006 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

Tgt Ion:216 Resp: 528990

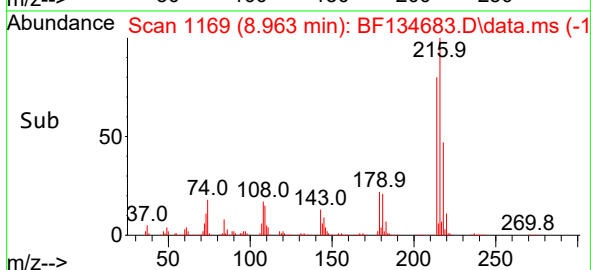
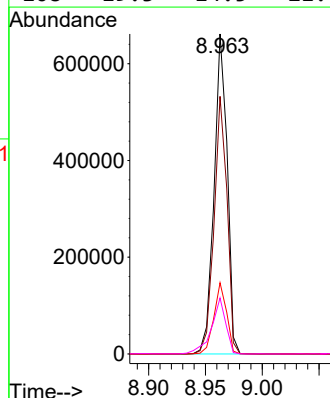
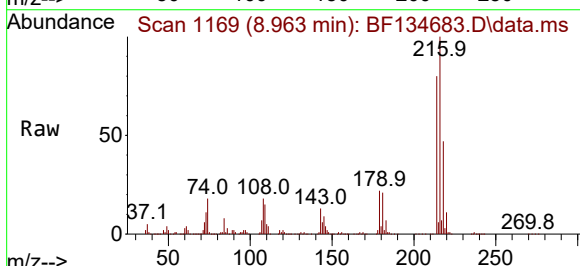
Ion Ratio Lower Upper

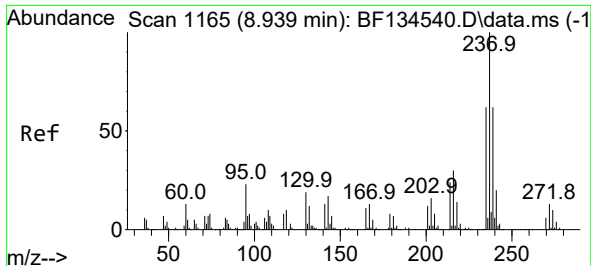
216 100

214 79.4 62.3 93.5

179 21.6 17.4 26.0

108 19.3 14.5 21.7

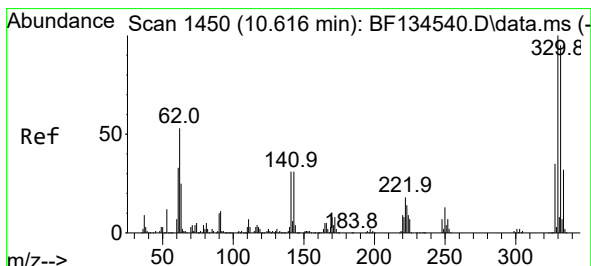
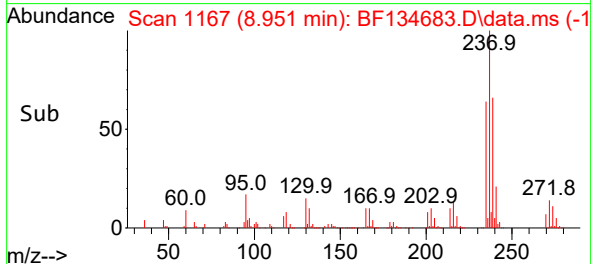
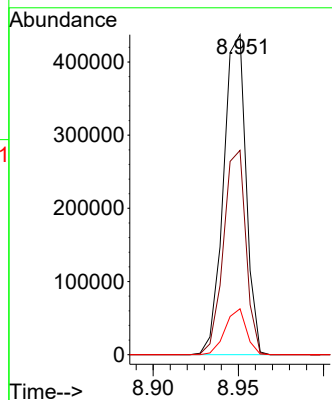
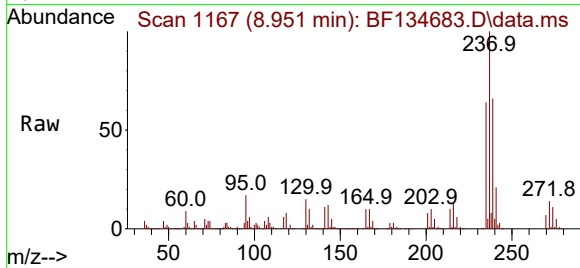




#41
Hexachlorocyclopentadiene
Concen: 69.824 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

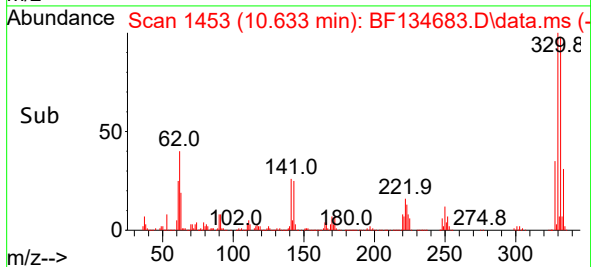
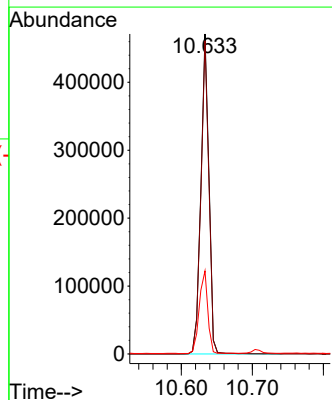
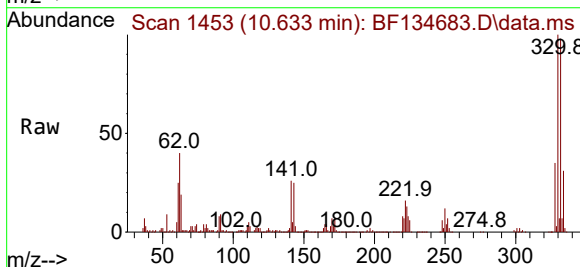
Instrument :
BNA_F
ClientSampleId :
OS-1MSD

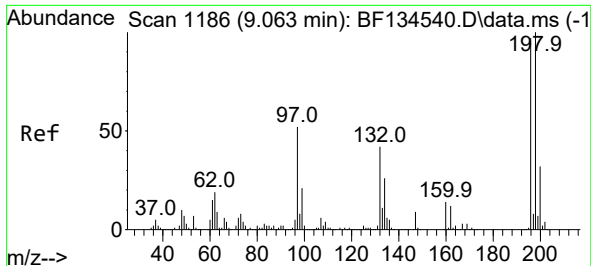
Tgt Ion:237 Resp: 403284
Ion Ratio Lower Upper
237 100
235 63.8 37.0 77.0
272 14.3 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 89.131 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion:330 Resp: 371114
Ion Ratio Lower Upper
330 100
332 97.2 78.8 118.2
141 27.5 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 47.664 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

OS-1MSD

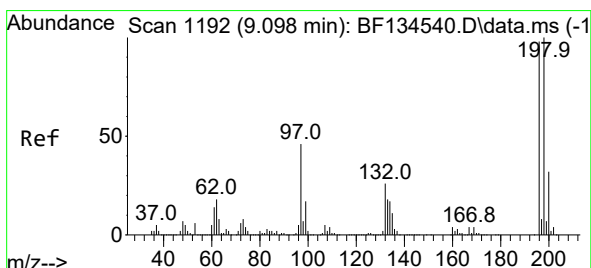
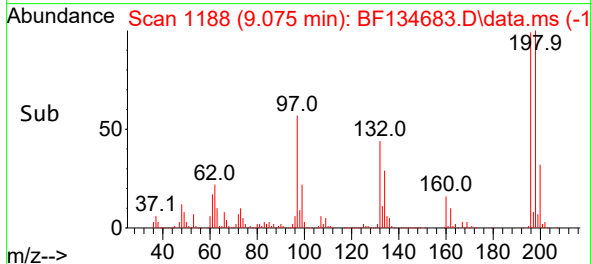
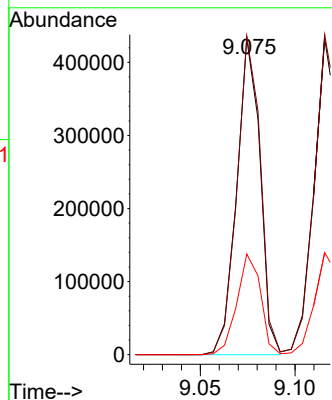
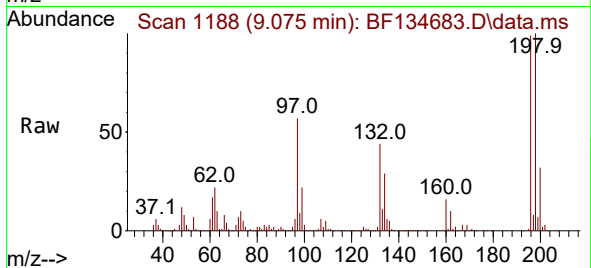
Tgt Ion:196 Resp: 370495

Ion Ratio Lower Upper

196 100

198 100.8 77.4 116.2

200 31.8 25.4 38.2



#44

2,4,5-Trichlorophenol

Concen: 44.286 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

Tgt Ion:196 Resp: 393438

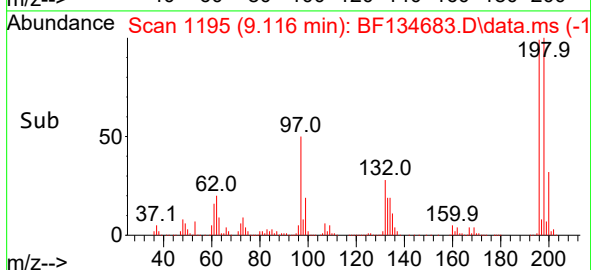
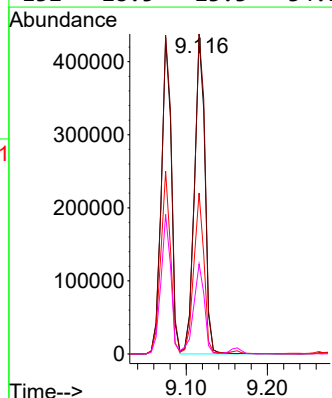
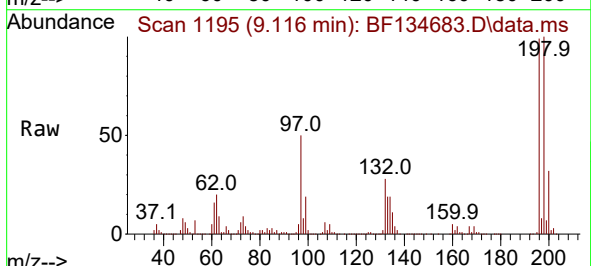
Ion Ratio Lower Upper

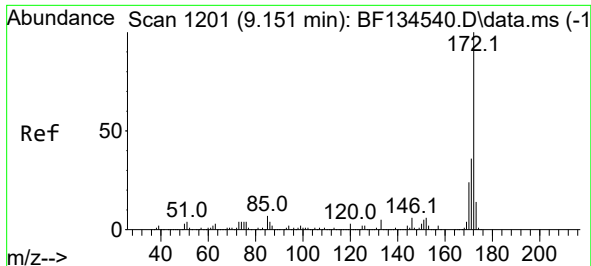
196 100

198 101.2 73.0 109.4

97 50.9 40.8 61.2

132 28.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 68.179 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

OS-1MSD

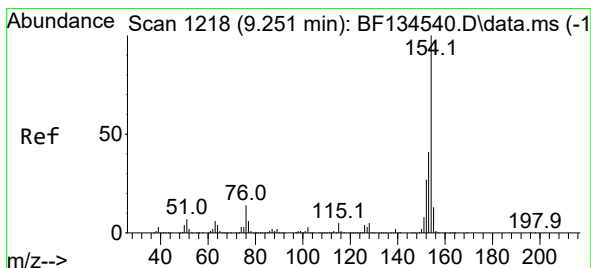
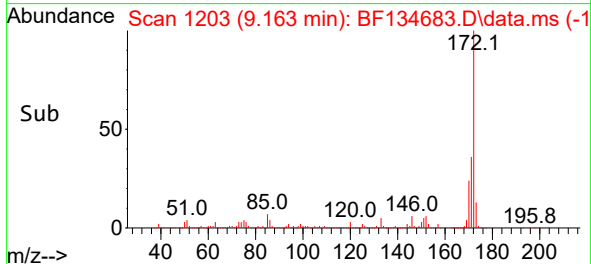
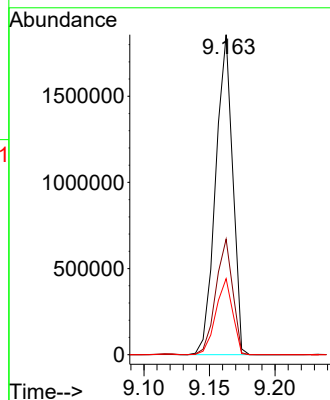
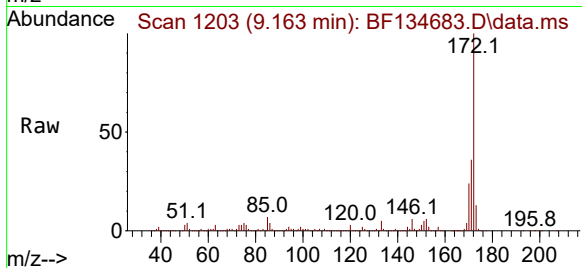
Tgt Ion:172 Resp: 1674829

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.7 18.7 28.1



#46

1,1'-Biphenyl

Concen: 42.857 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.000 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

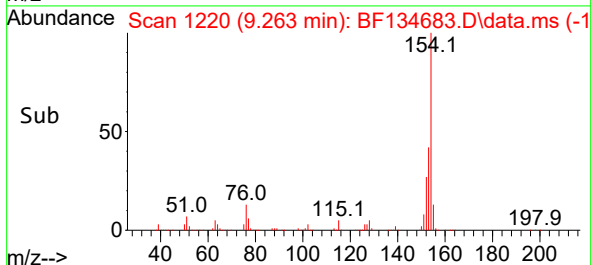
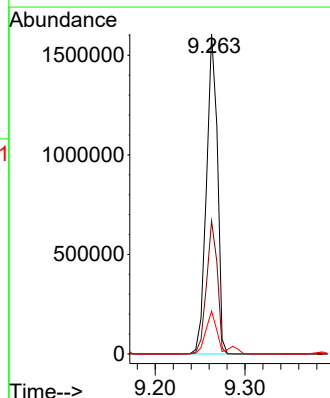
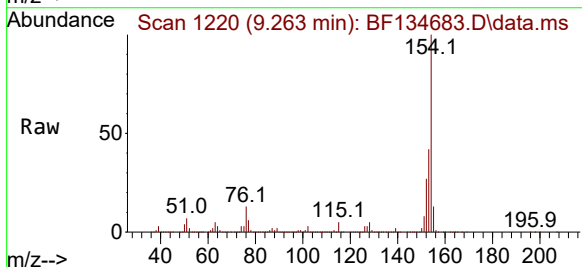
Tgt Ion:154 Resp: 1361203

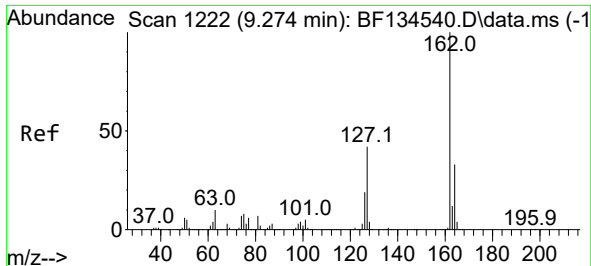
Ion Ratio Lower Upper

154 100

153 41.6 20.8 60.8

76 13.4 0.0 30.2

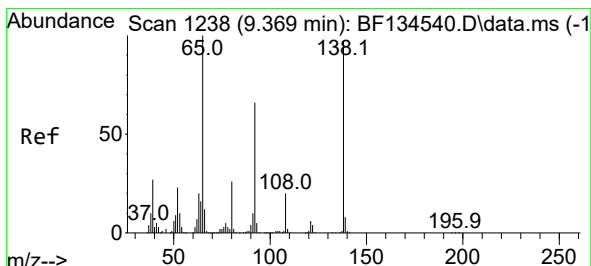
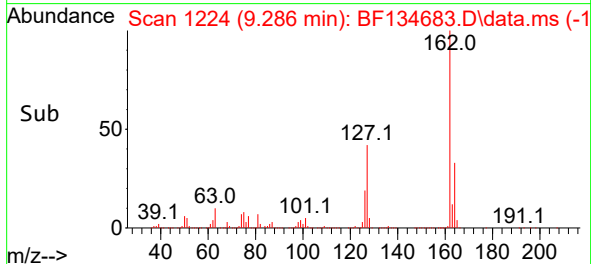
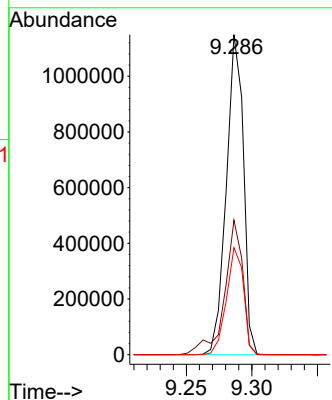
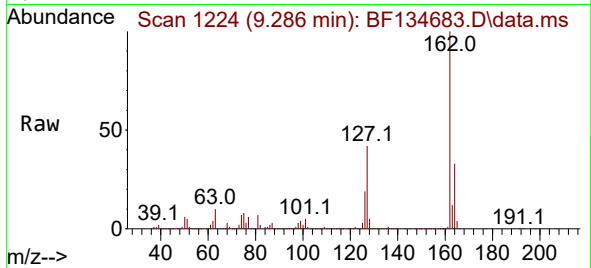




#47
2-Chloronaphthalene
Concen: 43.748 ng
RT: 9.286 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

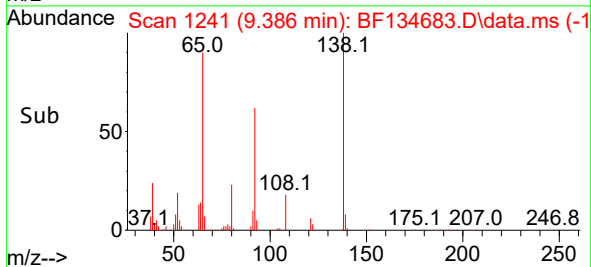
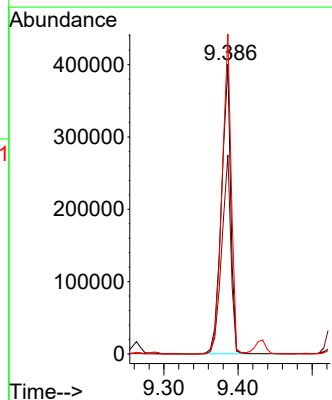
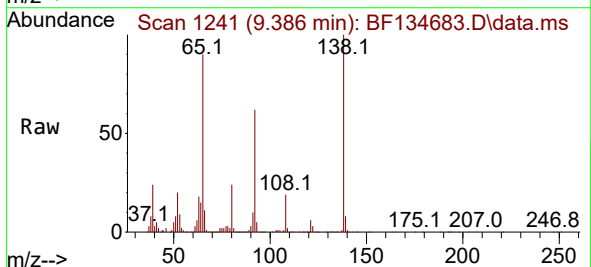
Instrument :
BNA_F
ClientSampleId :
OS-1MSD

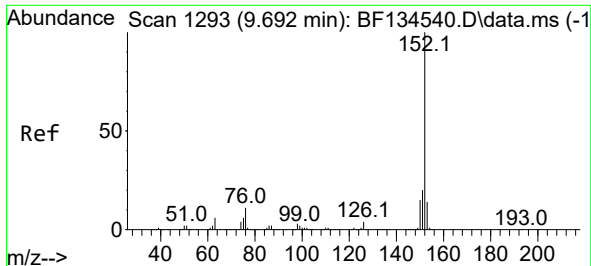
Tgt Ion:162 Resp: 1041150
Ion Ratio Lower Upper
162 100
127 42.0 34.0 51.0
164 33.5 25.7 38.5



#48
2-Nitroaniline
Concen: 47.298 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion: 65 Resp: 350564
Ion Ratio Lower Upper
65 100
92 68.7 50.7 76.1
138 110.5 78.2 117.4

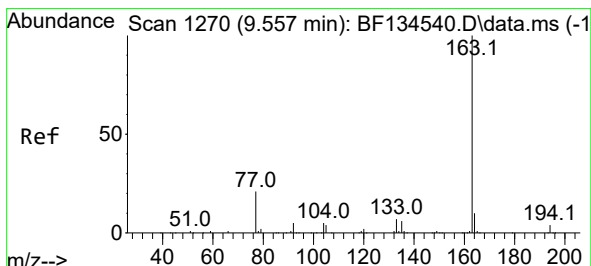
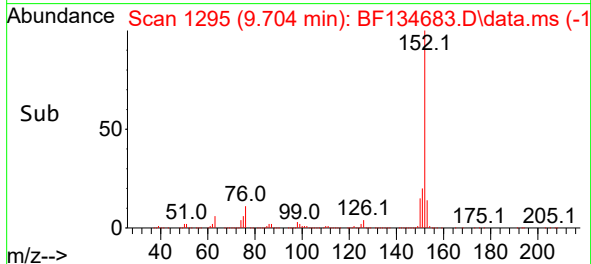
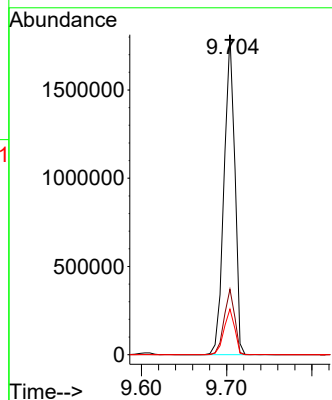
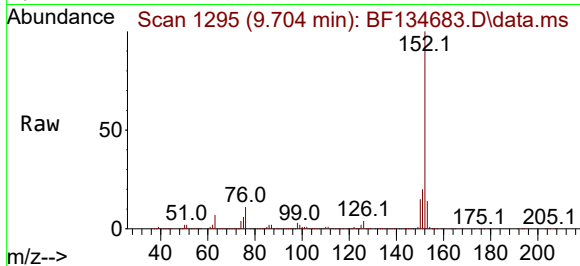




#49
Acenaphthylene
Concen: 42.346 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

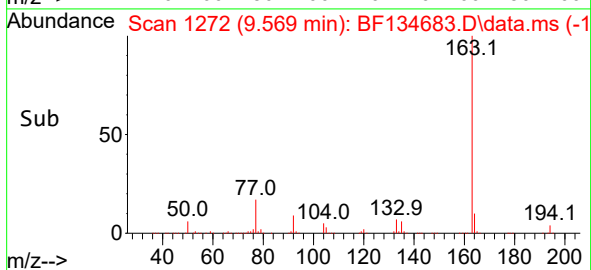
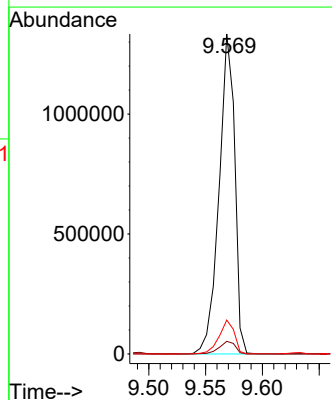
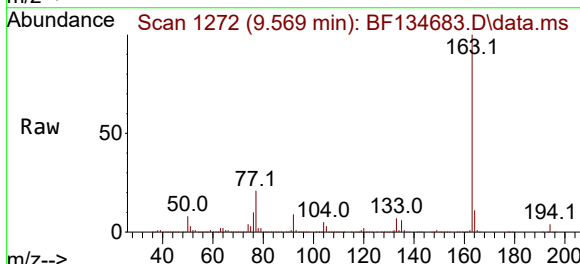
Instrument :
BNA_F
ClientSampleId :
OS-1MSD

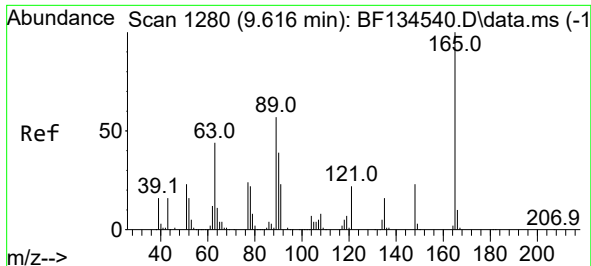
Tgt Ion:152 Resp: 1584149
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 14.2 10.9 16.3



#50
Dimethylphthalate
Concen: 46.115 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion:163 Resp: 1283772
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.6 7.5 11.3

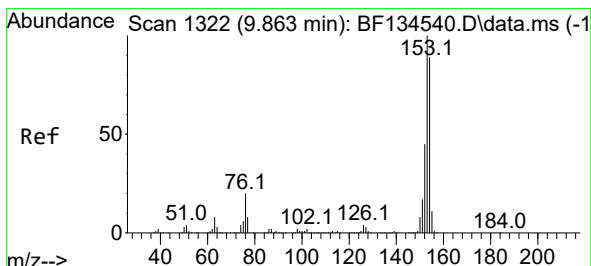
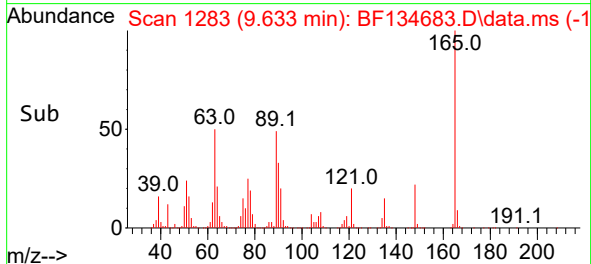
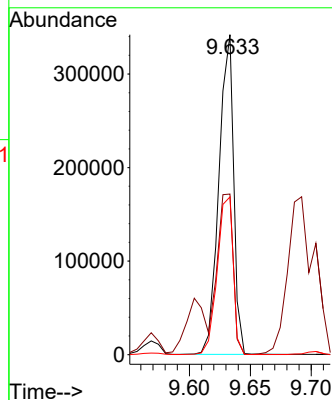
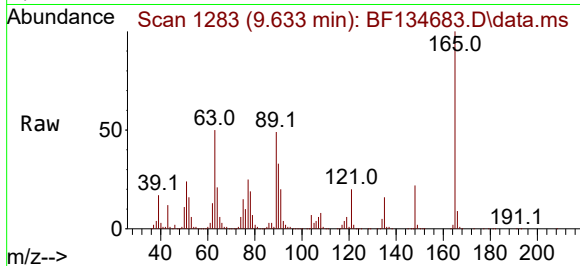




#51
2,6-Dinitrotoluene
Concen: 50.629 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

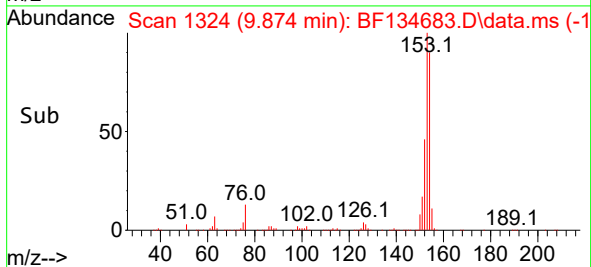
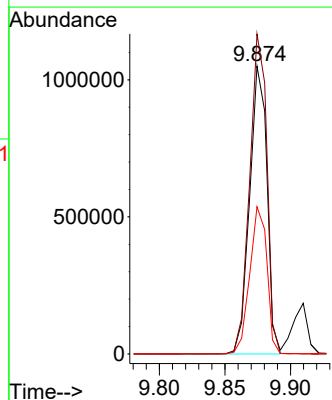
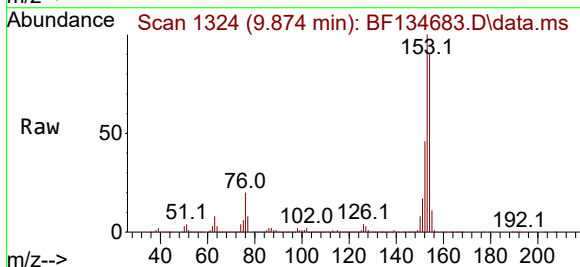
Instrument :
BNA_F
ClientSampleId :
OS-1MSD

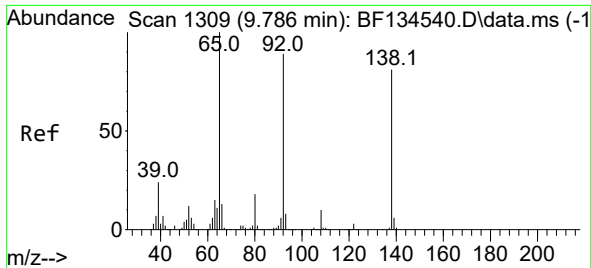
Tgt Ion:165 Resp: 289600
Ion Ratio Lower Upper
165 100
63 50.2 57.8 86.6#
89 49.3 51.8 77.8#



#52
Acenaphthene
Concen: 39.795 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion:154 Resp: 964772
Ion Ratio Lower Upper
154 100
153 111.2 90.0 135.0
152 51.1 42.4 63.6

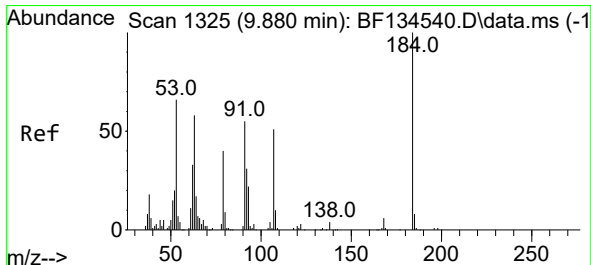
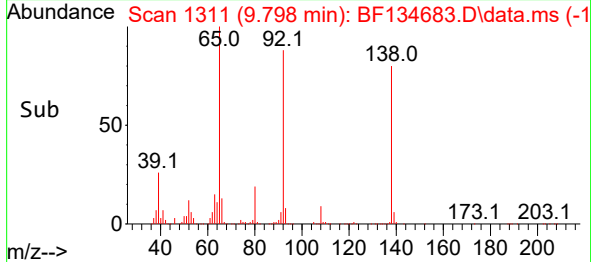
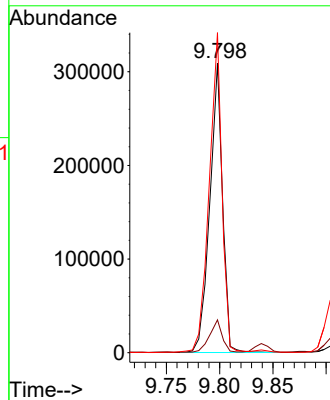
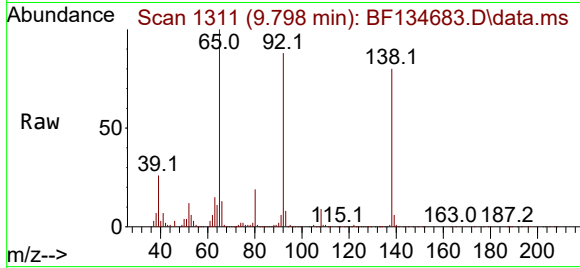




#53
3-Nitroaniline
Concen: 41.478 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

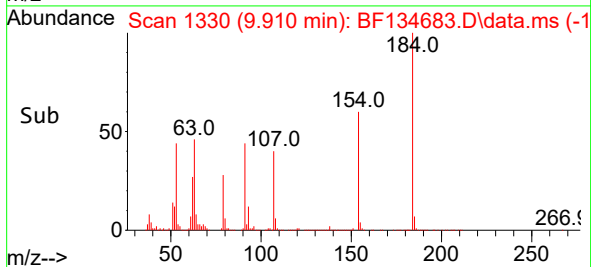
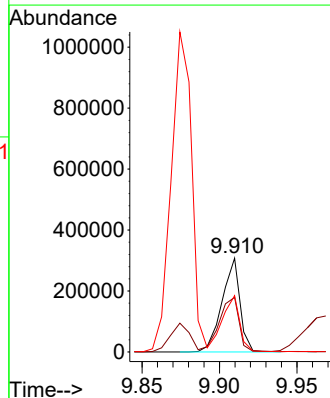
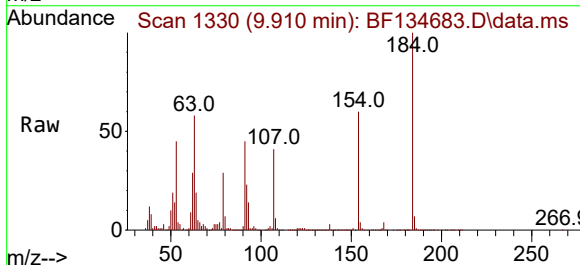
Instrument :
BNA_F
ClientSampleId :
OS-1MSD

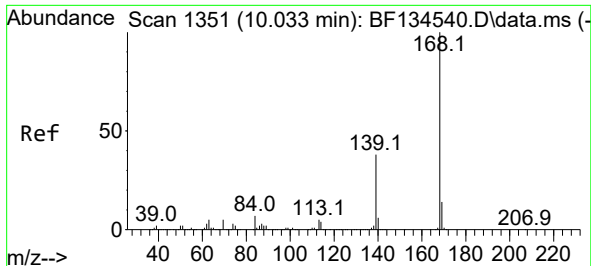
Tgt Ion:138 Resp: 257368
Ion Ratio Lower Upper
138 100
108 11.4 9.3 13.9
92 110.5 86.6 129.8



#54
2,4-Dinitrophenol
Concen: 99.466 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion:184 Resp: 248733
Ion Ratio Lower Upper
184 100
63 58.1 57.1 85.7
154 60.0 59.1 88.7

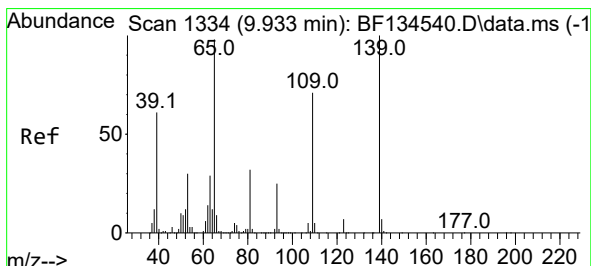
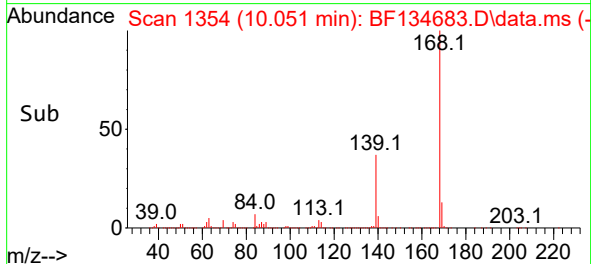
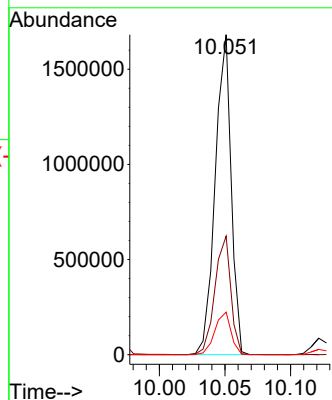
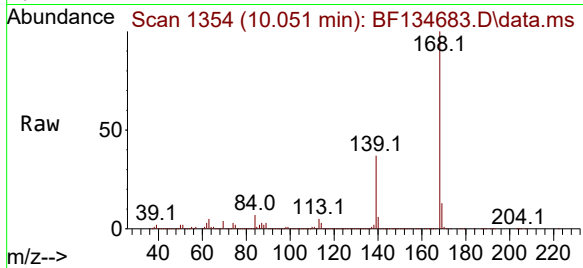




#55
Dibenzofuran
Concen: 41.088 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

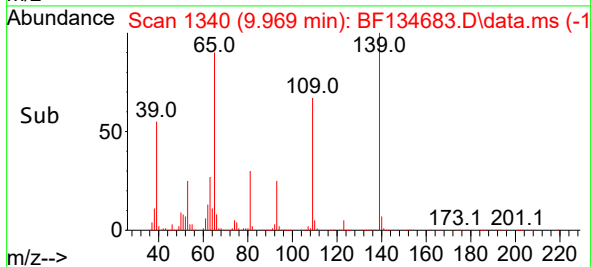
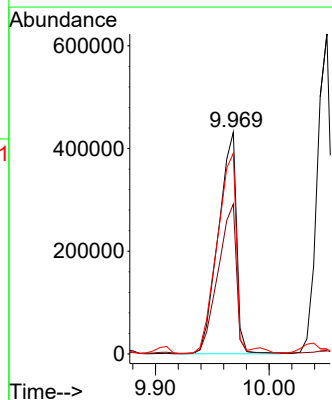
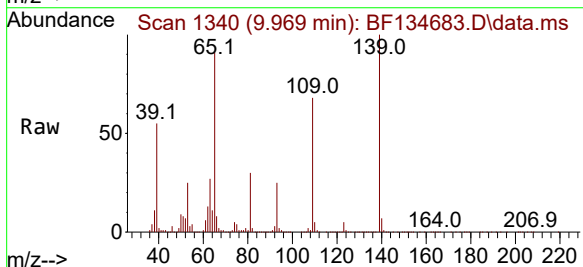
Instrument :
BNA_F
ClientSampleId :
OS-1MSD

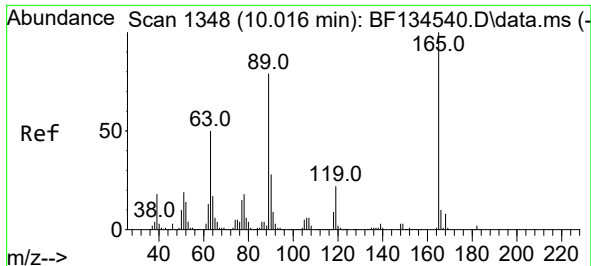
Tgt Ion:168 Resp: 1418003
Ion Ratio Lower Upper
168 100
139 37.1 33.4 50.2
169 13.3 10.6 15.8



#56
4-Nitrophenol
Concen: 94.534 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.018 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion:139 Resp: 479745
Ion Ratio Lower Upper
139 100
109 67.6 76.9 116.9#
65 90.5 98.5 138.5#

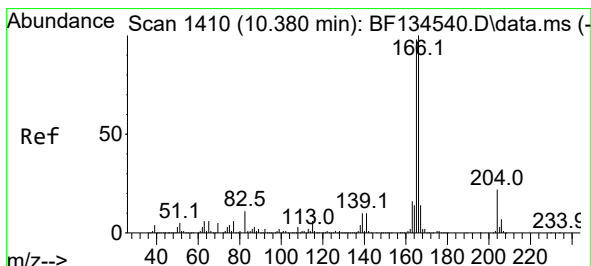
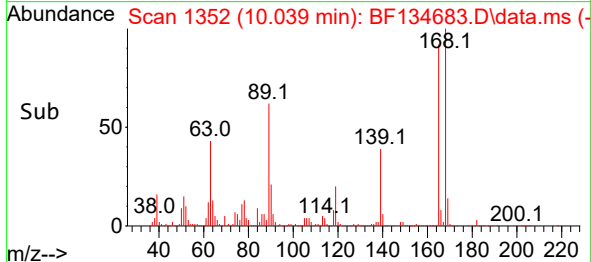
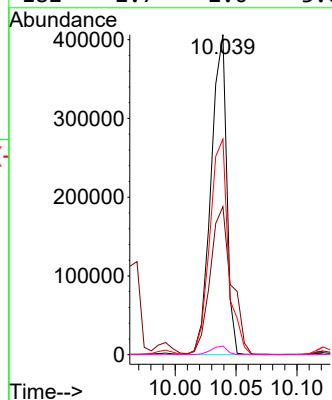
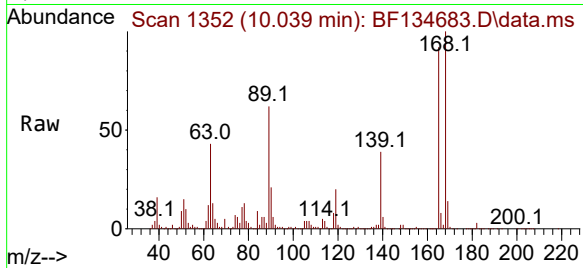




#57
 2,4-Dinitrotoluene
 Concen: 52.282 ng
 RT: 10.039 min Scan# 1412
 Delta R.T. 0.012 min
 Lab File: BF134683.D
 Acq: 09 Aug 2023 11:02

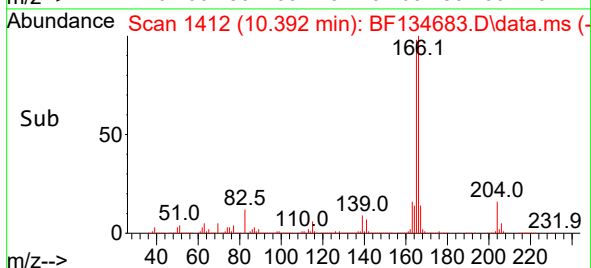
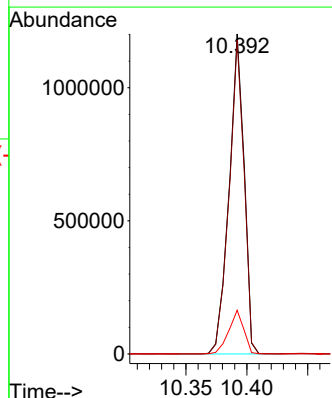
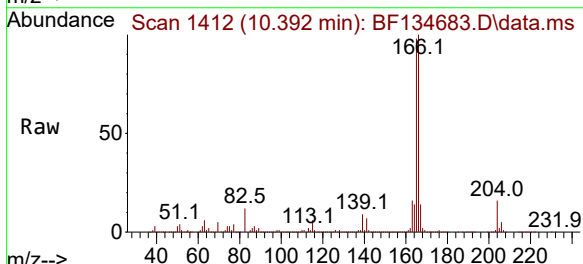
Instrument :
 BNA_F
 ClientSampleId :
 OS-1MSD

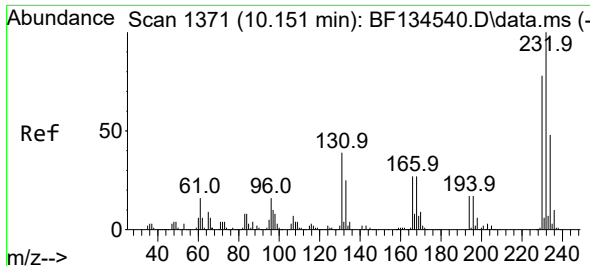
Tgt Ion:165 Resp: 362046
 Ion Ratio Lower Upper
 165 100
 63 46.3 48.9 73.3#
 89 67.3 61.7 92.5
 182 2.7 2.0 3.0



#58
 Fluorene
 Concen: 41.064 ng
 RT: 10.392 min Scan# 1412
 Delta R.T. 0.006 min
 Lab File: BF134683.D
 Acq: 09 Aug 2023 11:02

Tgt Ion:166 Resp: 1032250
 Ion Ratio Lower Upper
 166 100
 165 98.1 74.5 111.7
 167 13.6 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.254 ng

RT: 10.169 min Scan# 1371

Delta R.T. 0.012 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

OS-1MSD

Tgt Ion:232 Resp: 325097

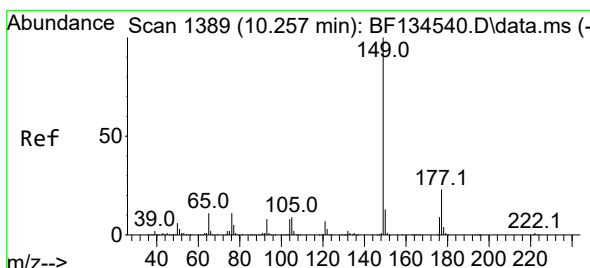
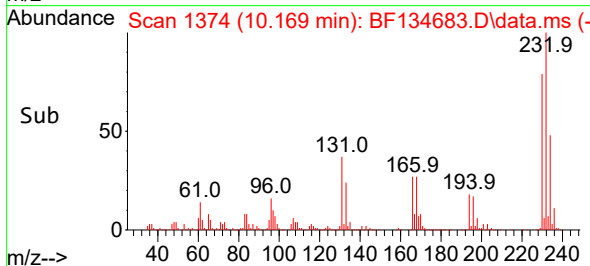
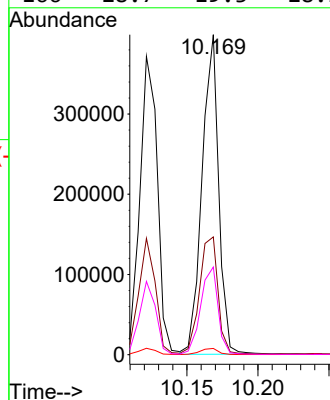
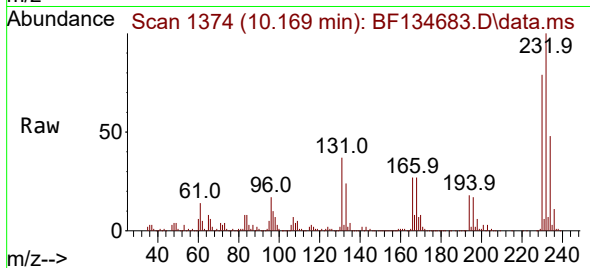
Ion Ratio Lower Upper

232 100

131 41.0 33.4 50.0

130 2.1 1.8 2.6

166 28.7 19.3 28.9



#60

Diethylphthalate

Concen: 45.200 ng

RT: 10.269 min Scan# 1391

Delta R.T. -0.000 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

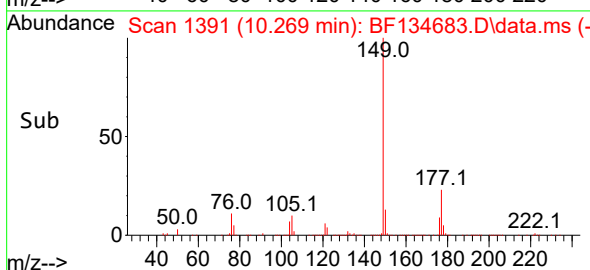
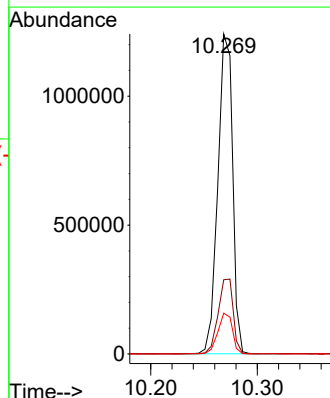
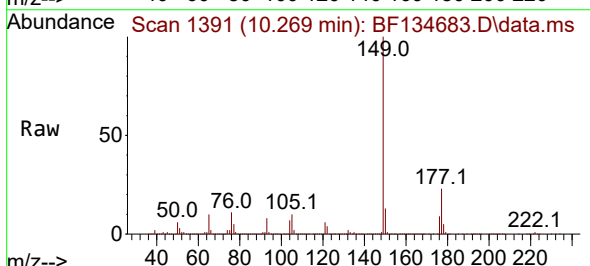
Tgt Ion:149 Resp: 1192676

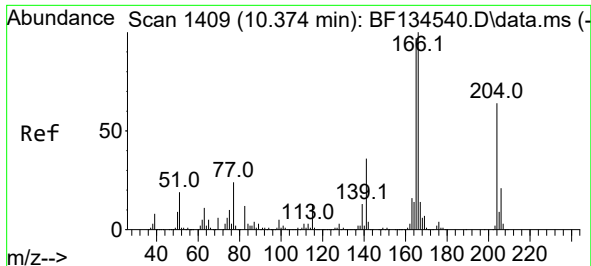
Ion Ratio Lower Upper

149 100

177 23.2 17.0 25.4

150 12.8 9.9 14.9

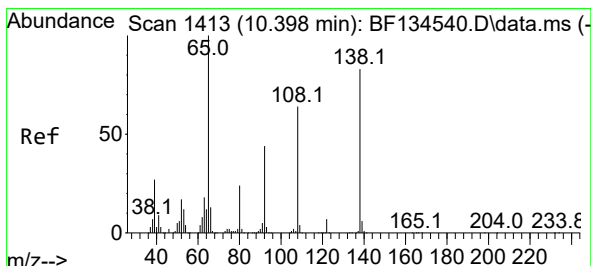
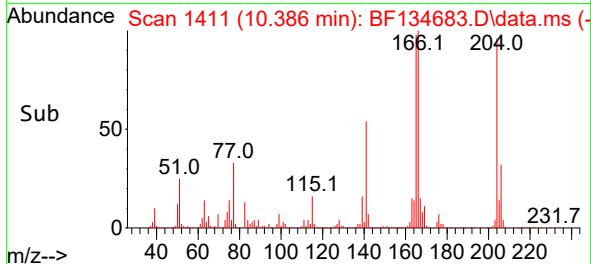
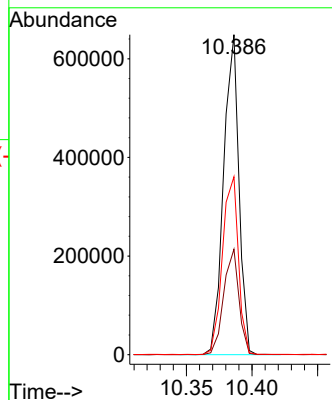
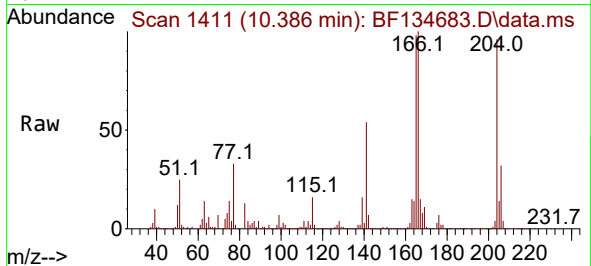




#61
4-Chlorophenyl-phenylether
Concen: 42.577 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

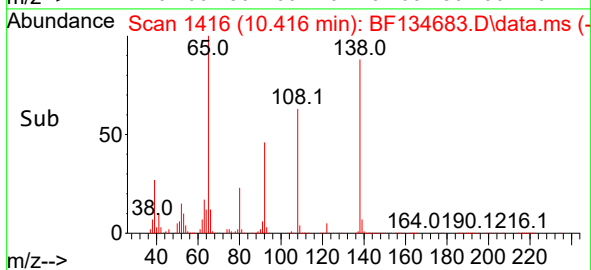
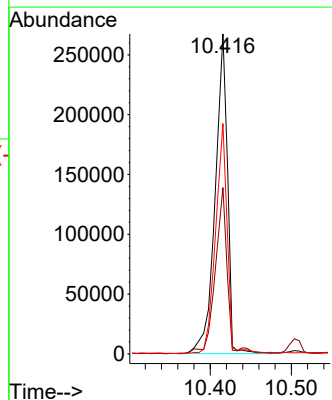
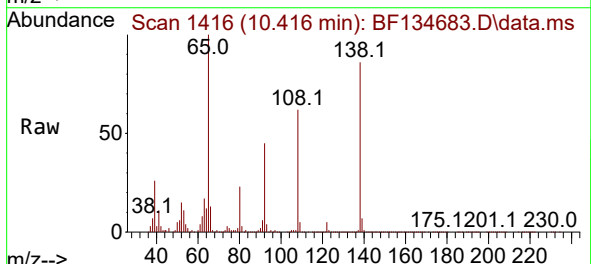
Instrument :
BNA_F
ClientSampleId :
OS-1MSD

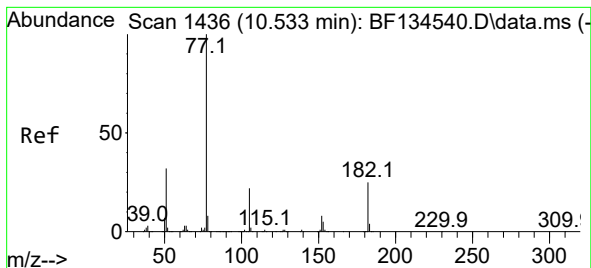
Tgt Ion:204 Resp: 526073
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 55.6 52.2 78.4



#62
4-Nitroaniline
Concen: 46.292 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion:138 Resp: 281536
Ion Ratio Lower Upper
138 100
92 52.0 27.0 67.0
108 72.0 70.4 110.4





#63

Azobenzene

Concen: 40.470 ng

RT: 10.545 min Scan# 1436

Delta R.T. 0.006 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

OS-1MSD

Tgt Ion: 77 Resp: 1147345

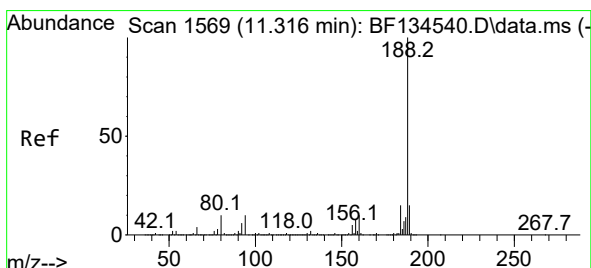
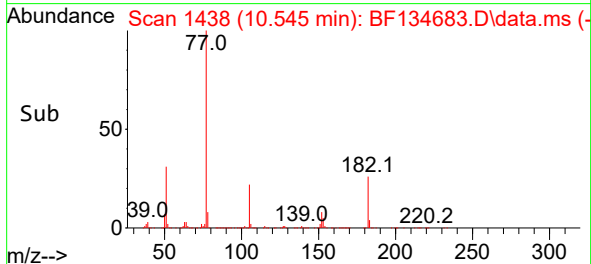
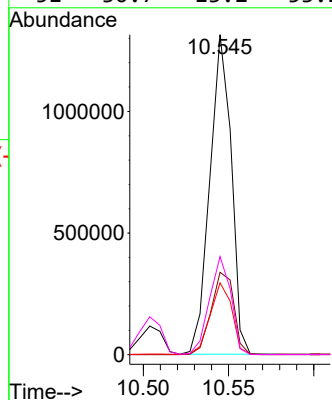
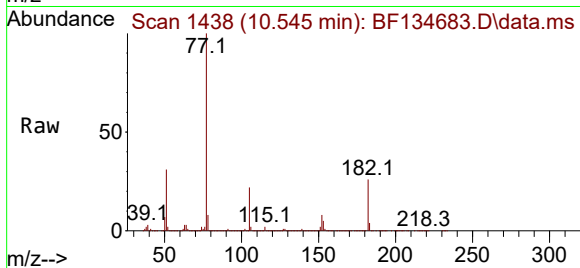
Ion Ratio Lower Upper

77 100

182 25.7 7.5 47.5

105 22.5 1.9 41.9

51 30.7 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: BF134683.D

Acq: 09 Aug 2023 11:02

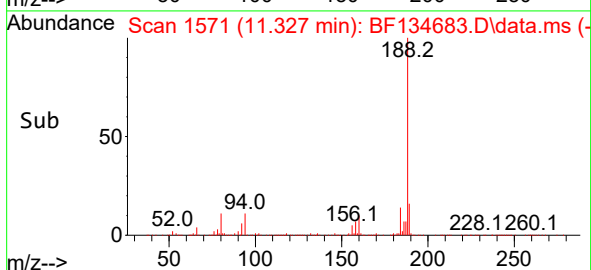
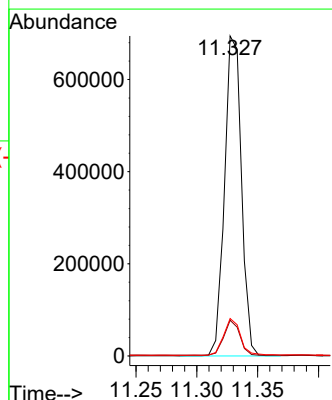
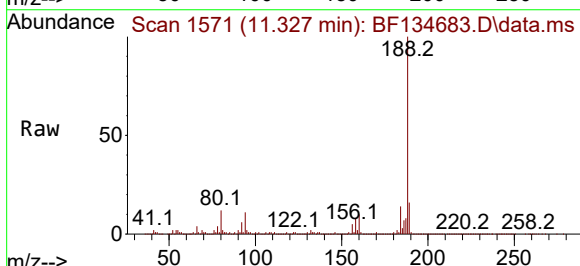
Tgt Ion:188 Resp: 672480

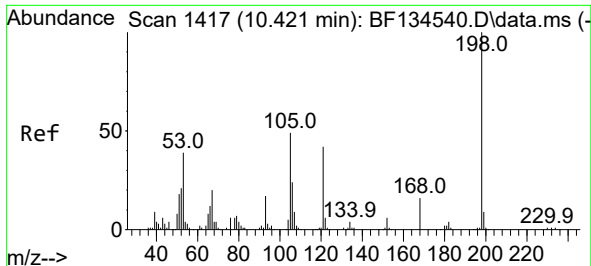
Ion Ratio Lower Upper

188 100

94 11.2 5.1 7.7#

80 11.7 6.6 9.8#

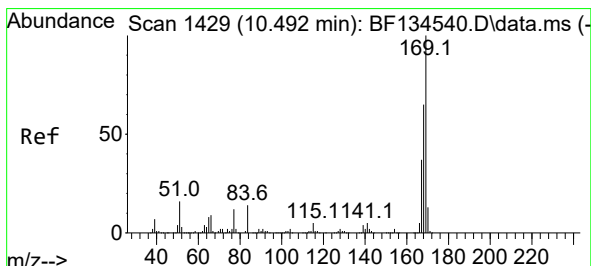
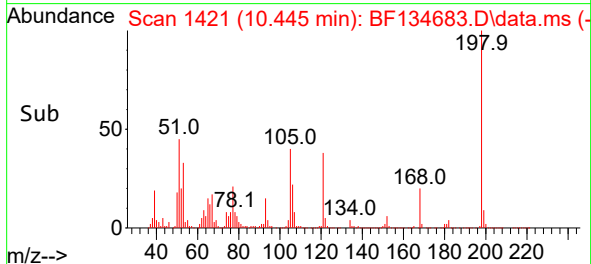
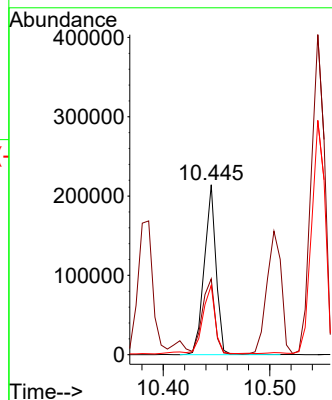
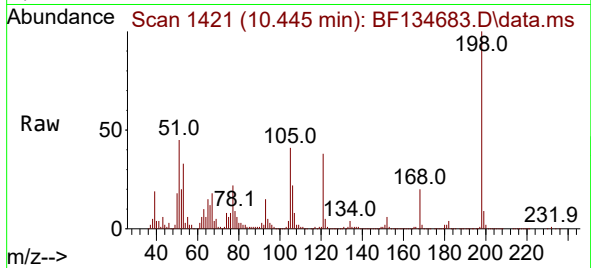




#65
4,6-Dinitro-2-methylphenol
Concen: 58.638 ng
RT: 10.445 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

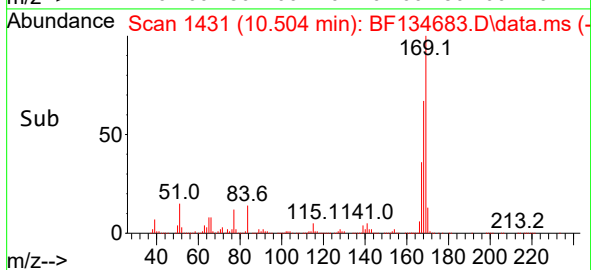
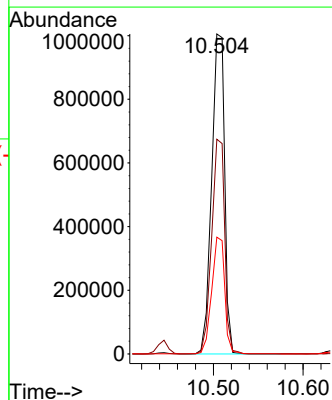
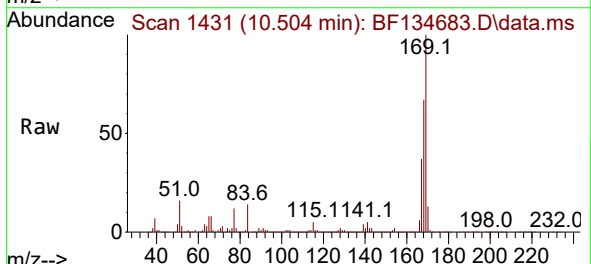
Instrument :
BNA_F
ClientSampleId :
OS-1MSD

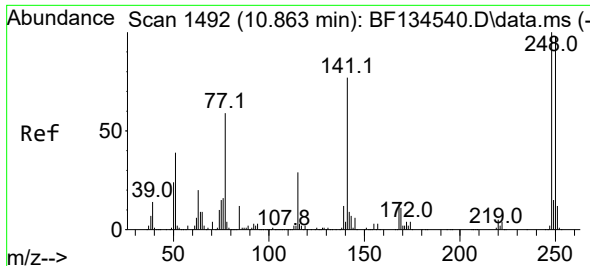
Tgt Ion:198 Resp: 165778
Ion Ratio Lower Upper
198 100
51 44.7 38.6 78.6
105 40.8 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 47.073 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion:169 Resp: 1007572
Ion Ratio Lower Upper
169 100
168 67.1 52.6 78.8
167 36.5 29.8 44.8

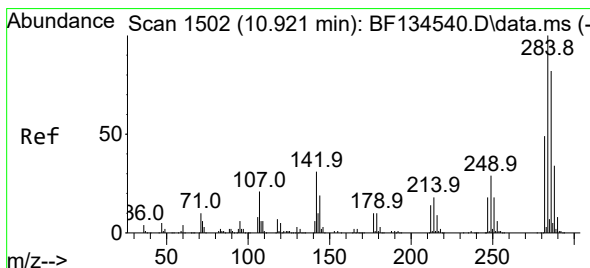
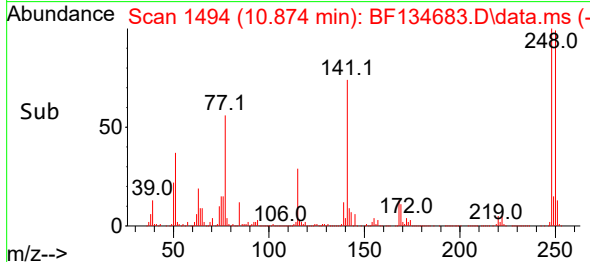
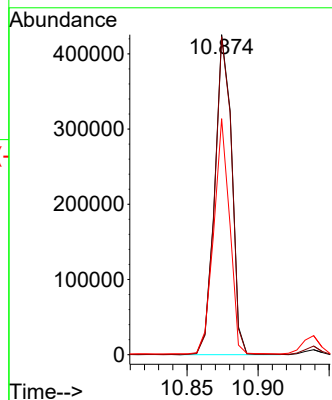
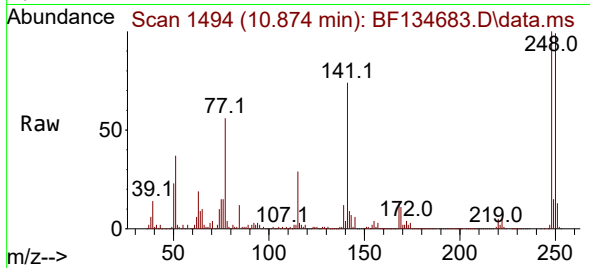




#67
4-Bromophenyl-phenylether
Concen: 47.905 ng
RT: 10.874 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

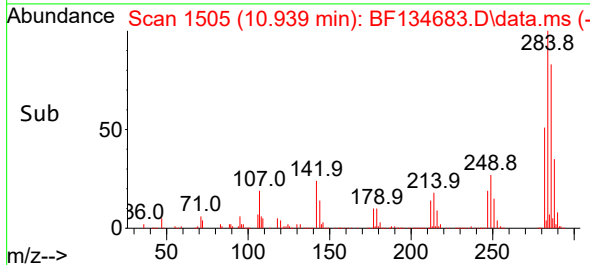
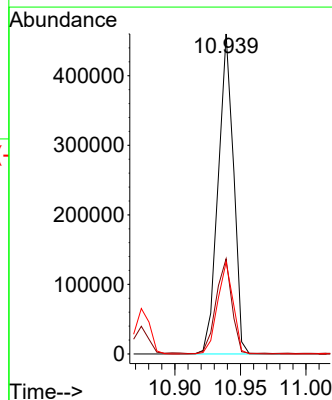
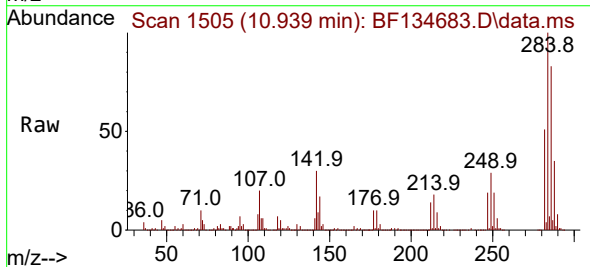
Instrument :
BNA_F
ClientSampleId :
OS-1MSD

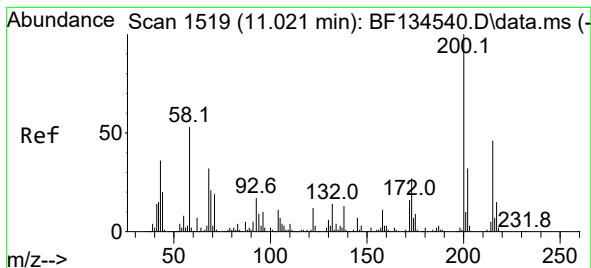
Tgt Ion:248 Resp: 352658
Ion Ratio Lower Upper
248 100
250 99.3 79.6 119.4
141 73.7 59.6 89.4



#68
Hexachlorobenzene
Concen: 48.112 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion:284 Resp: 374006
Ion Ratio Lower Upper
284 100
142 29.8 26.5 39.7
249 28.7 23.8 35.8





#69

Atrazine

Concen: 59.842 ng

RT: 11.039 min Scan# 1522

Delta R.T. 0.006 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

OS-1MSD

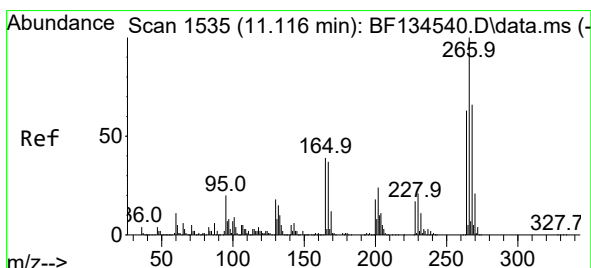
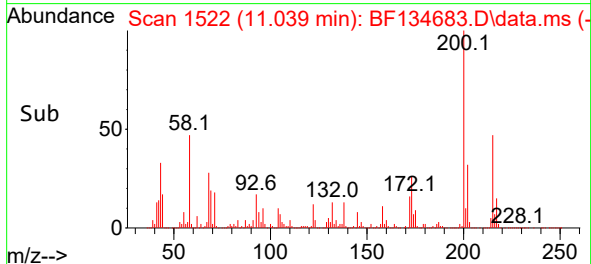
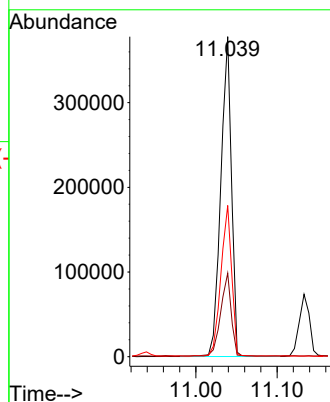
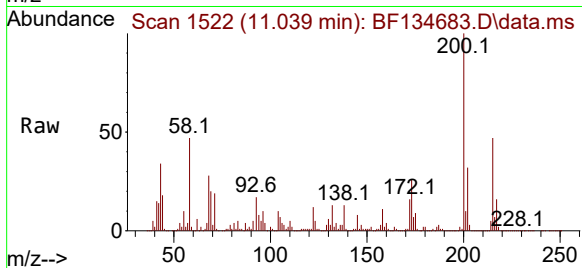
Tgt Ion:200 Resp: 345244

Ion Ratio Lower Upper

200 100

173 26.1 6.1 46.1

215 47.2 29.7 69.7



#70

Pentachlorophenol

Concen: 75.000 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.006 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

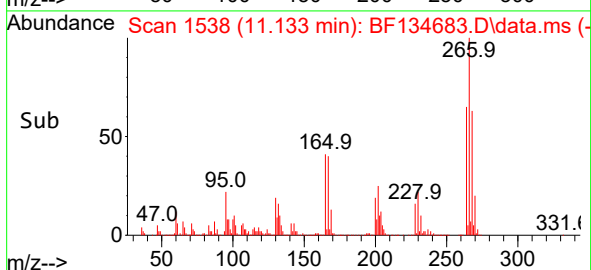
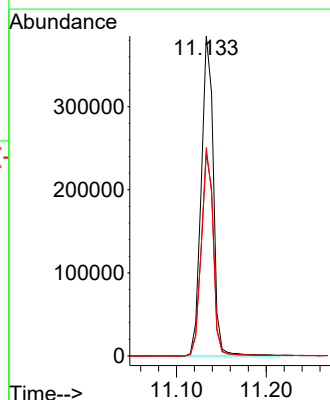
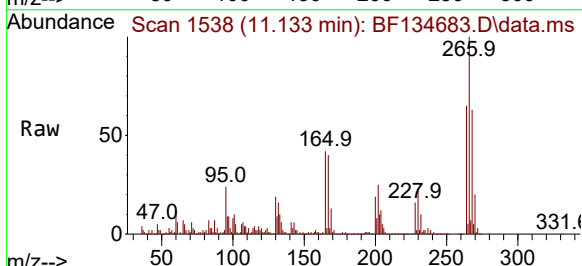
Tgt Ion:266 Resp: 360989

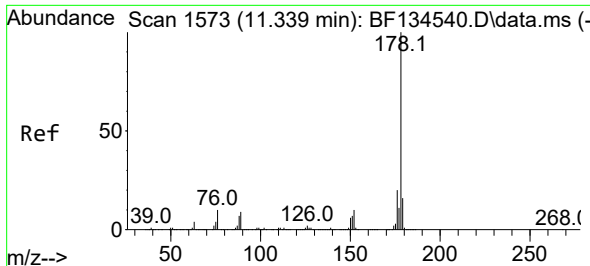
Ion Ratio Lower Upper

266 100

268 63.2 52.9 79.3

264 65.1 47.8 71.6

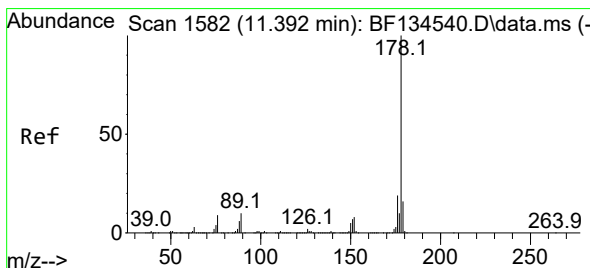
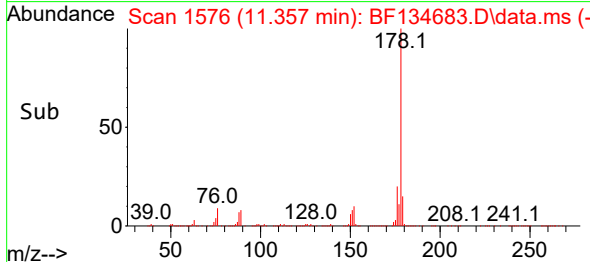
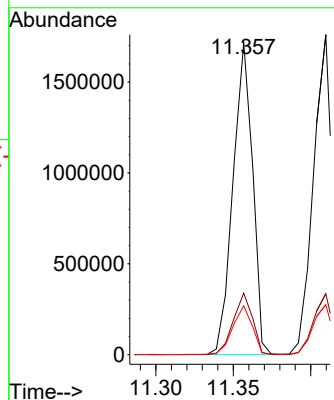
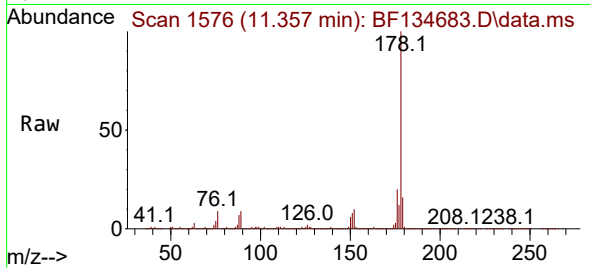




#71
Phenanthrene
Concen: 42.168 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

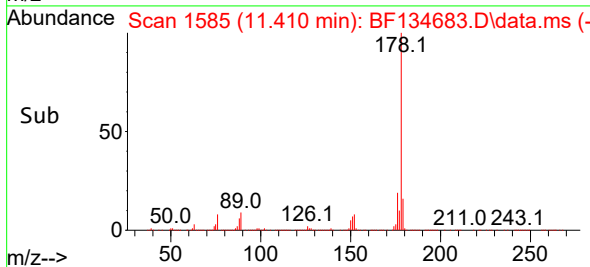
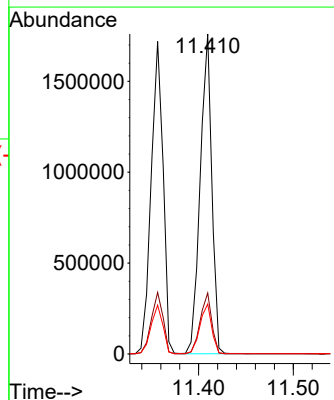
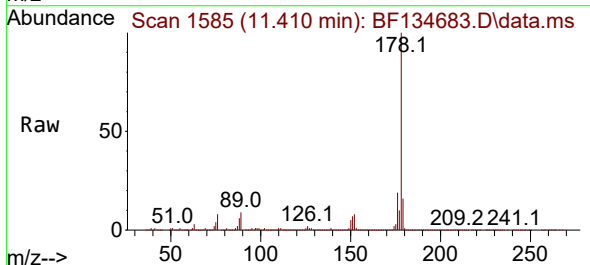
Instrument :
BNA_F
ClientSampleId :
OS-1MSD

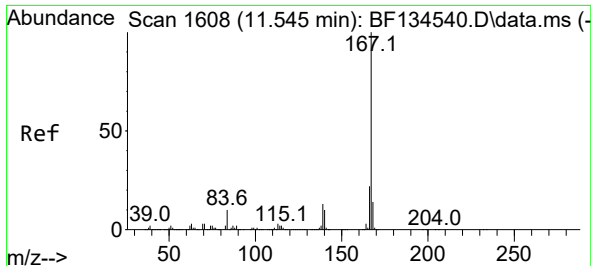
Tgt Ion:178 Resp: 1506204
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.6 12.7 19.1



#72
Anthracene
Concen: 41.345 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion:178 Resp: 1508485
Ion Ratio Lower Upper
178 100
176 19.0 14.6 21.8
179 15.6 12.3 18.5

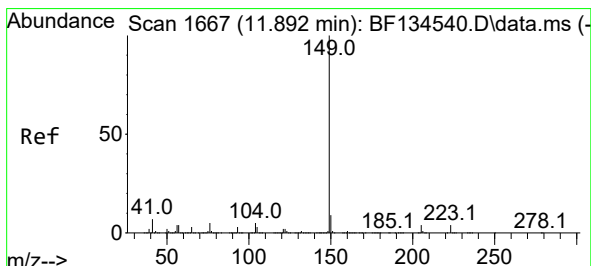
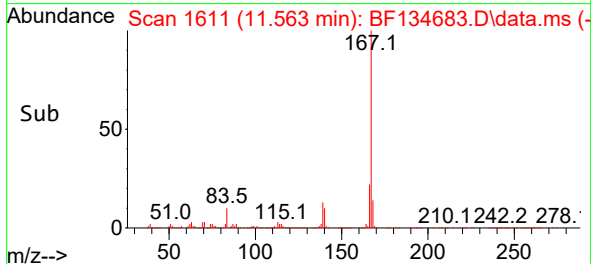
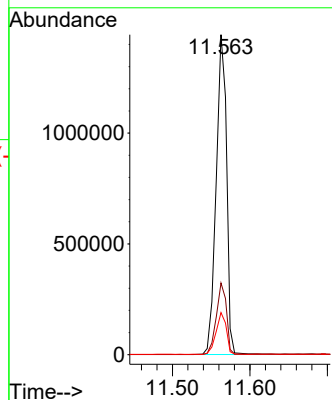
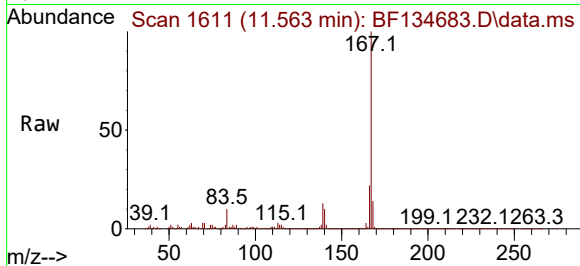




#73
 Carbazole
 Concen: 41.426 ng
 RT: 11.563 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: BF134683.D
 Acq: 09 Aug 2023 11:02

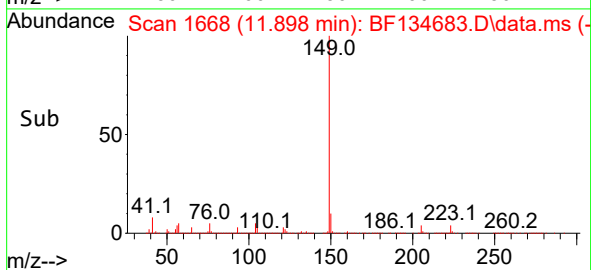
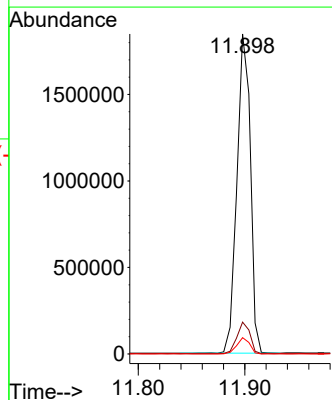
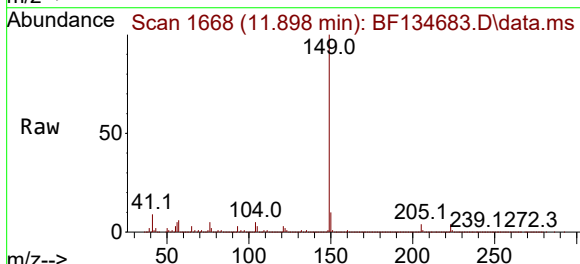
Instrument :
 BNA_F
 ClientSampleId :
 OS-1MSD

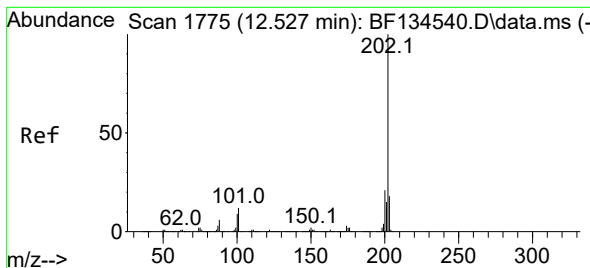
Tgt Ion:167 Resp: 1349542
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.5 26.3
 139 13.2 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 46.929 ng
 RT: 11.898 min Scan# 1668
 Delta R.T. -0.000 min
 Lab File: BF134683.D
 Acq: 09 Aug 2023 11:02

Tgt Ion:149 Resp: 1624194
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.2 10.8
 104 5.1 3.8 5.8





#75

Fluoranthene

Concen: 35.637 ng

RT: 12.551 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

OS-1MSD

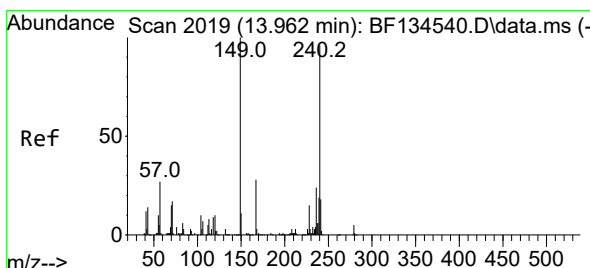
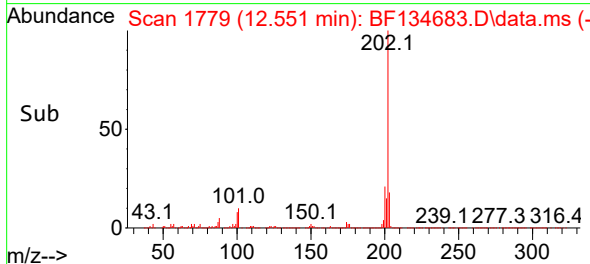
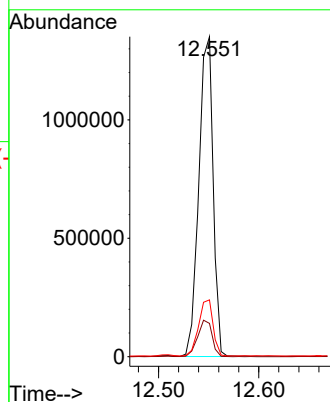
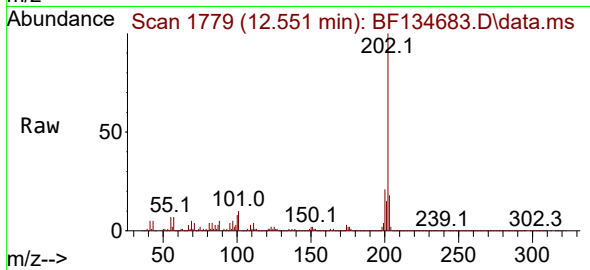
Tgt Ion:202 Resp: 1344612

Ion Ratio Lower Upper

202 100

101 10.4 0.0 28.5

203 17.8 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: BF134683.D

Acq: 09 Aug 2023 11:02

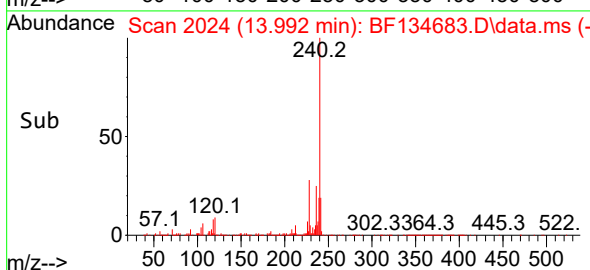
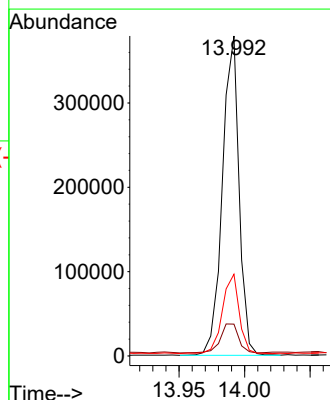
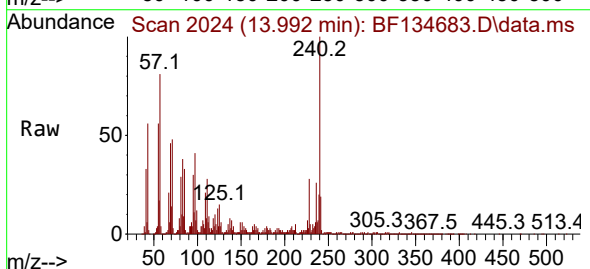
Tgt Ion:240 Resp: 332766

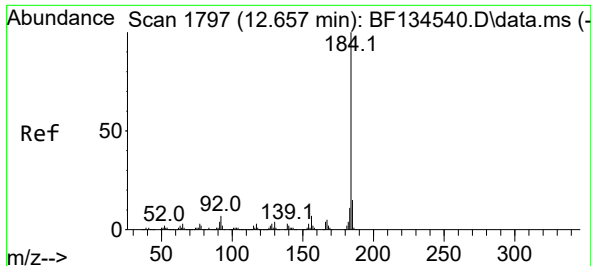
Ion Ratio Lower Upper

240 100

120 9.9 6.6 10.0

236 25.5 20.2 30.2

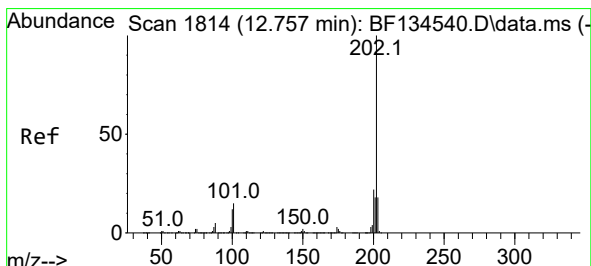
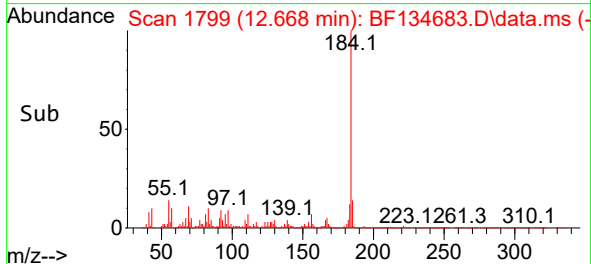
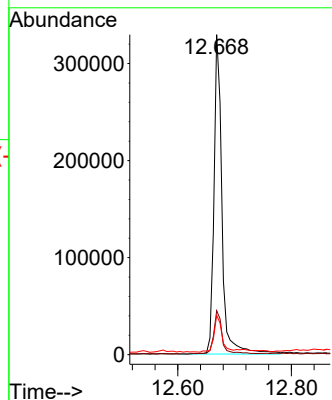
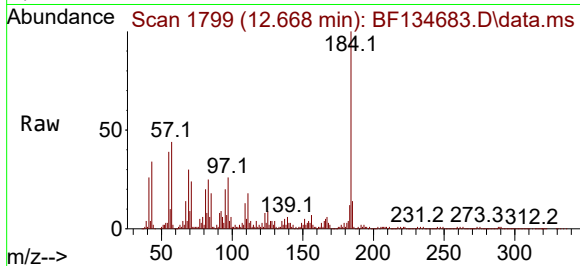




#77
Benzidine
Concen: 44.529 ng
RT: 12.668 min Scan# 1797
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

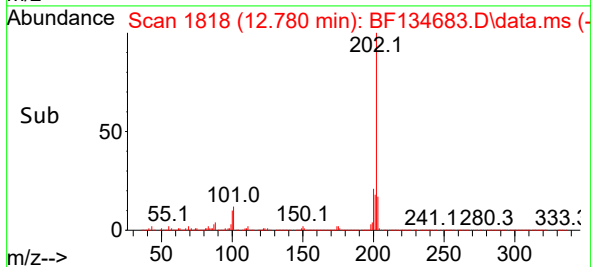
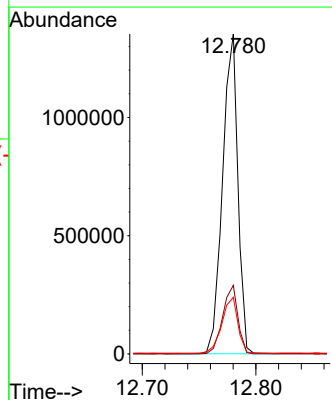
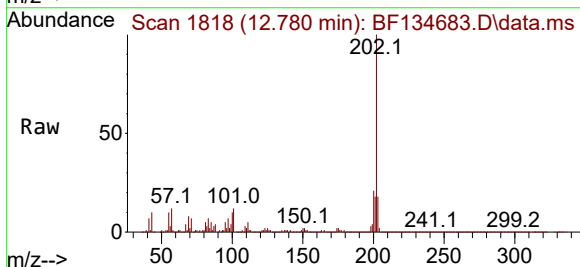
Instrument :
BNA_F
ClientSampleId :
OS-1MSD

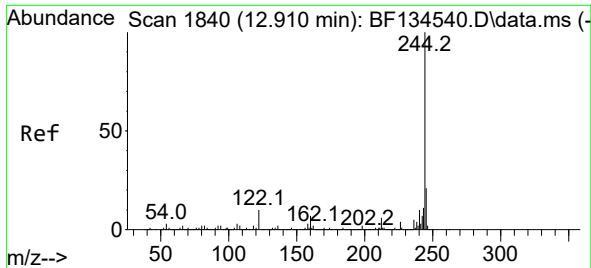
Tgt Ion:184 Resp: 321664
Ion Ratio Lower Upper
184 100
185 13.7 11.2 16.8
183 12.3 8.6 13.0



#78
Pyrene
Concen: 43.997 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.012 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion:202 Resp: 1266881
Ion Ratio Lower Upper
202 100
200 21.4 15.8 23.8
203 17.7 13.5 20.3

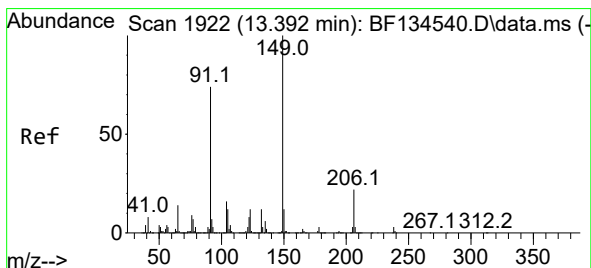
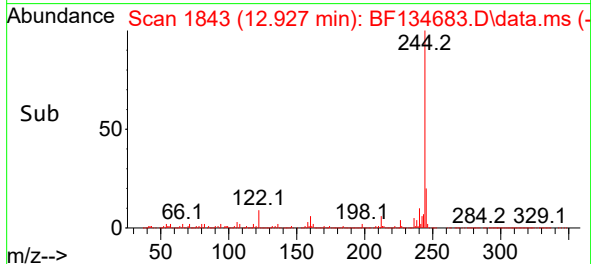
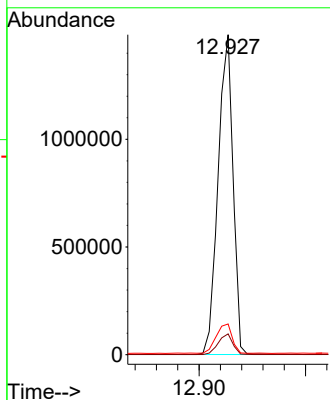
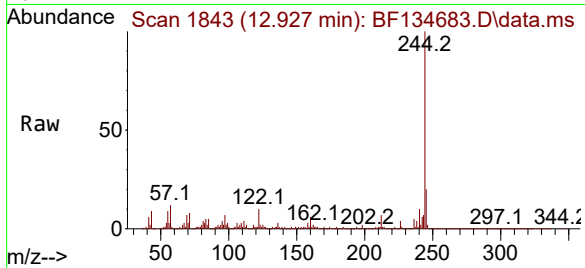




#79
 Terphenyl-d14
 Concen: 76.309 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF134683.D
 Acq: 09 Aug 2023 11:02

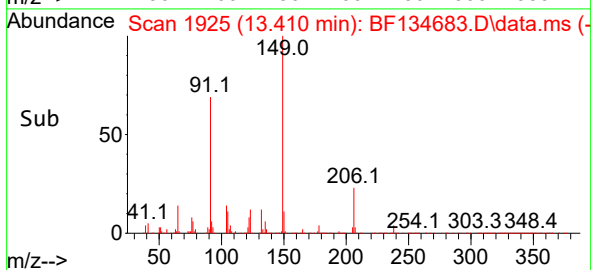
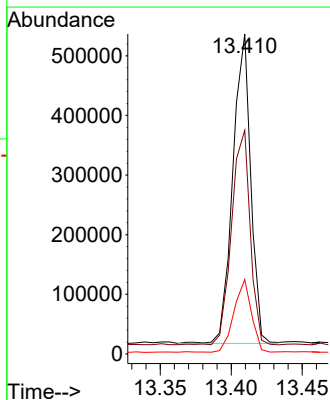
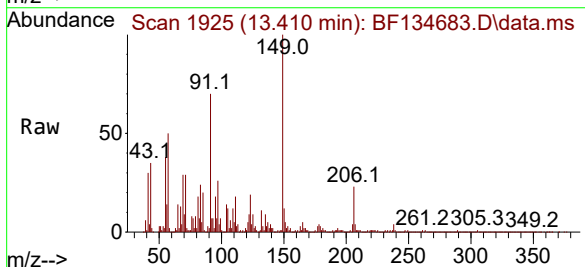
Instrument :
 BNA_F
 ClientSampleId :
 OS-1MSD

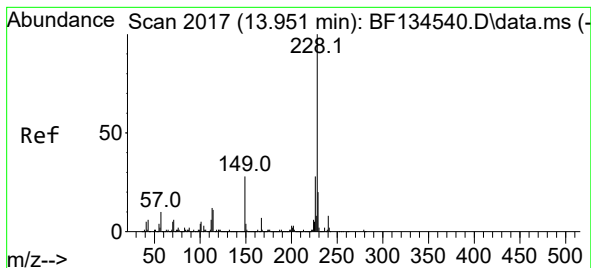
Tgt Ion:244 Resp: 1440442
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 9.6 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 46.854 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. 0.012 min
 Lab File: BF134683.D
 Acq: 09 Aug 2023 11:02

Tgt Ion:149 Resp: 456203
 Ion Ratio Lower Upper
 149 100
 91 69.9 55.8 83.6
 206 23.3 14.6 21.8#





#81

Benzo(a)anthracene

Concen: 40.721 ng

RT: 13.980 min Scan# 2016

Delta R.T. 0.018 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

OS-1MSD

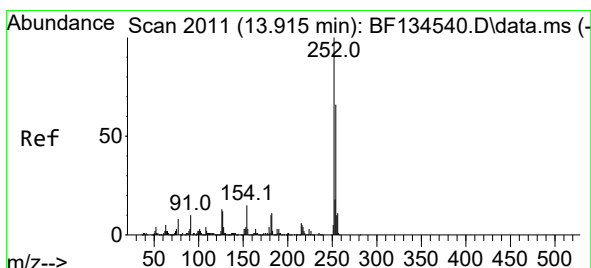
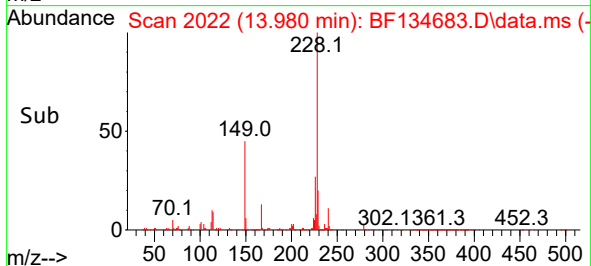
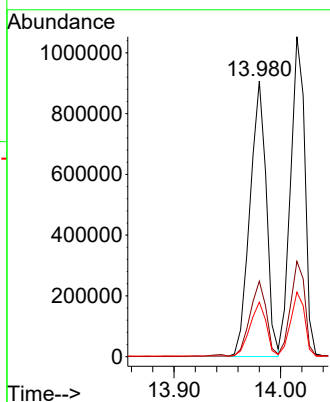
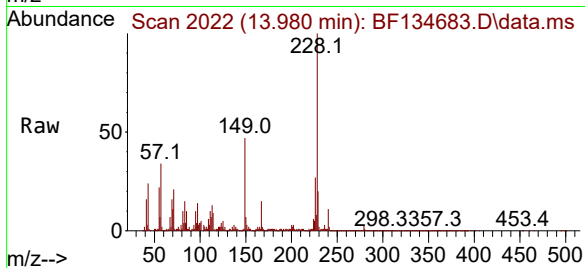
Tgt Ion:228 Resp: 968927

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 45.218 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.018 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

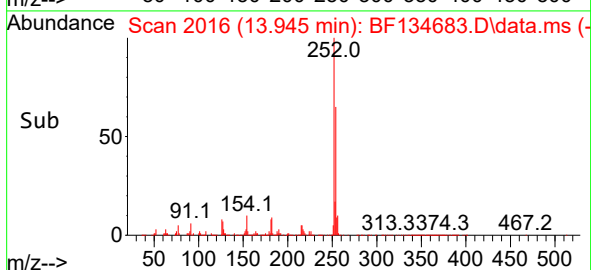
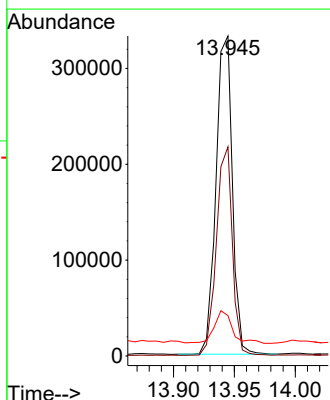
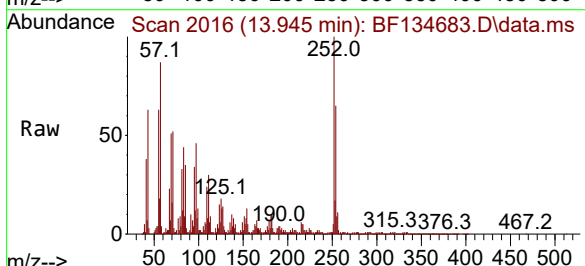
Tgt Ion:252 Resp: 311875

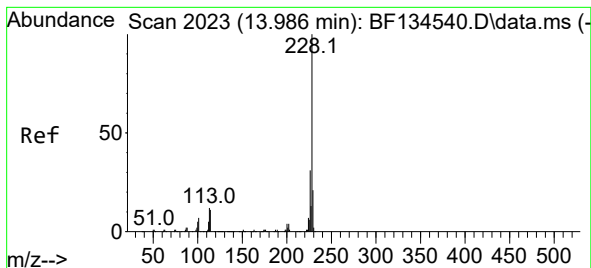
Ion Ratio Lower Upper

252 100

254 65.4 52.7 79.1

126 12.6 7.2 10.8#





#83

Chrysene

Concen: 42.370 ng

RT: 14.015 min Scan# 2021

Delta R.T. 0.018 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

OS-1MSD

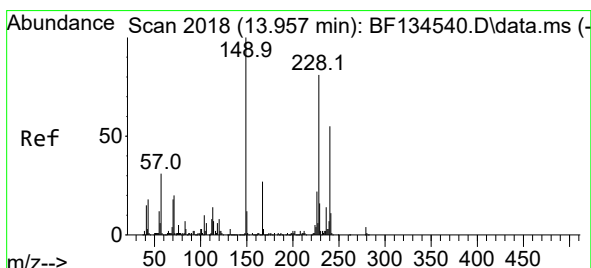
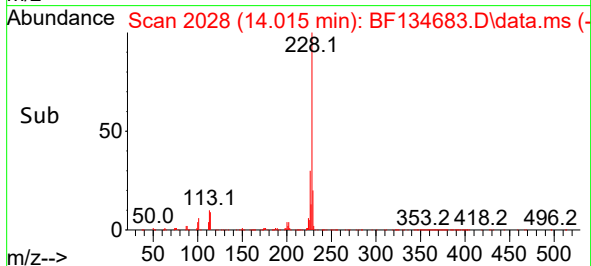
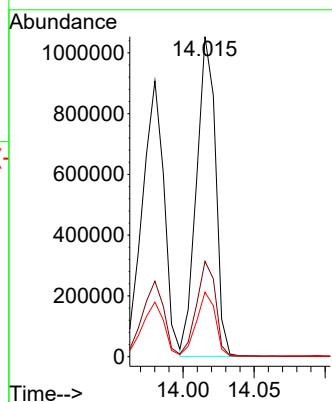
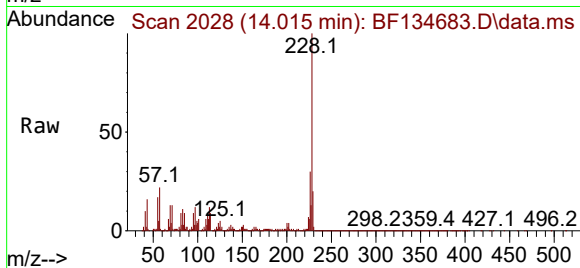
Tgt Ion:228 Resp: 982228

Ion Ratio Lower Upper

228 100

226 29.8 24.5 36.7

229 20.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.717 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.012 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

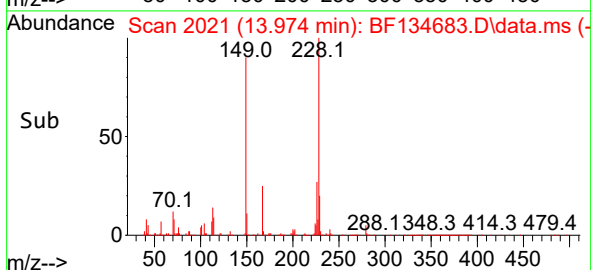
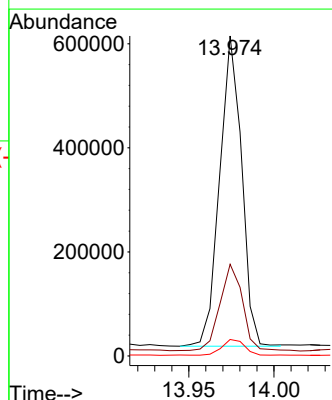
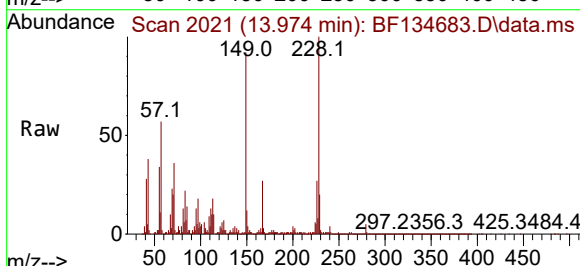
Tgt Ion:149 Resp: 535303

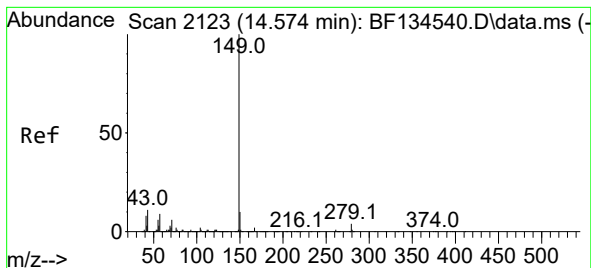
Ion Ratio Lower Upper

149 100

167 28.7 21.6 32.4

279 5.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 63.670 ng

RT: 14.592 min Scan# 2126

Delta R.T. 0.012 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

OS-1MSD

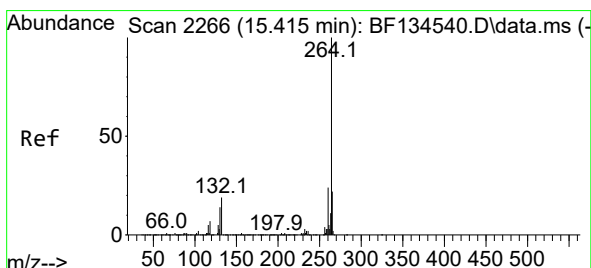
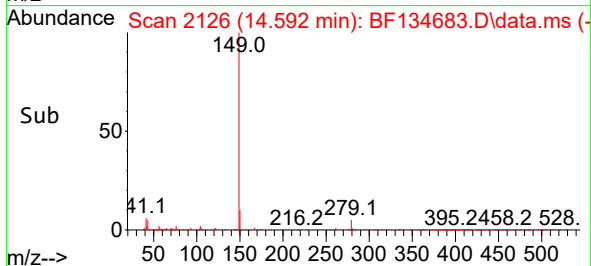
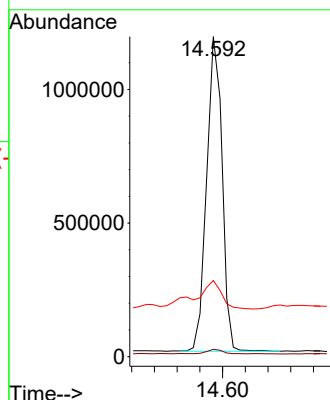
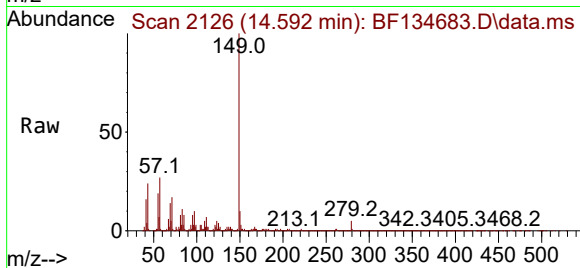
Tgt Ion:149 Resp: 1109433

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 15.7 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: BF134683.D

Acq: 09 Aug 2023 11:02

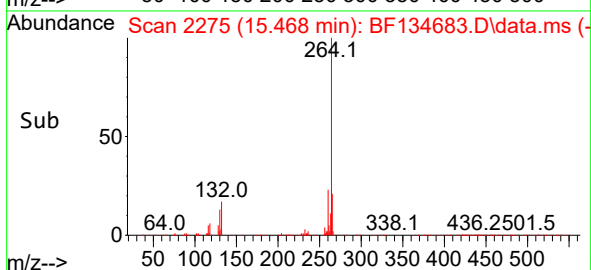
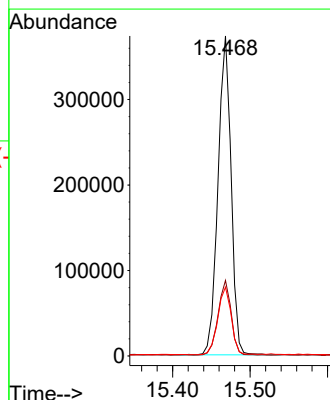
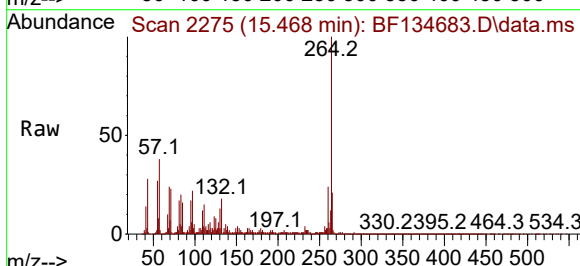
Tgt Ion:264 Resp: 436384

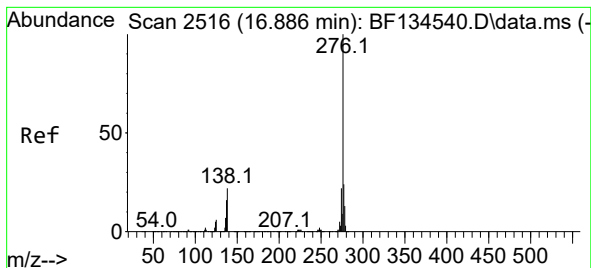
Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 21.5 15.8 23.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.755 ng

RT: 16.974 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

OS-1MSD

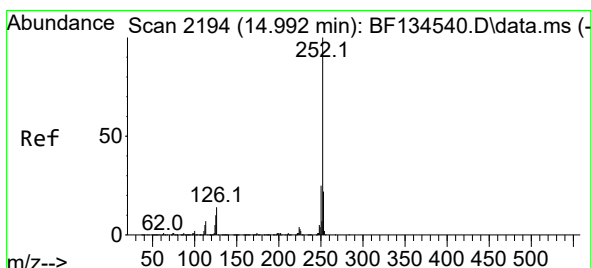
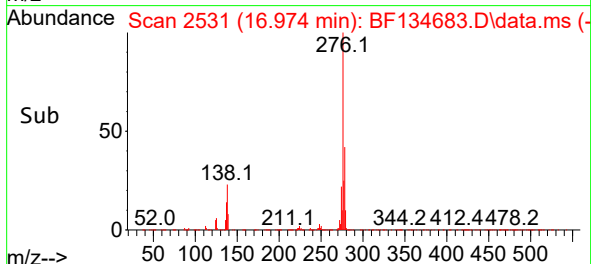
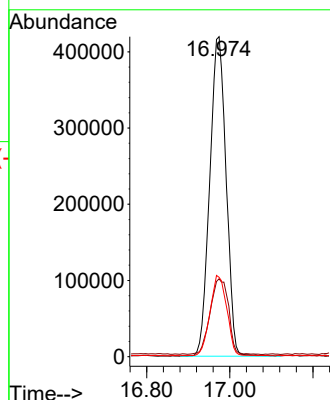
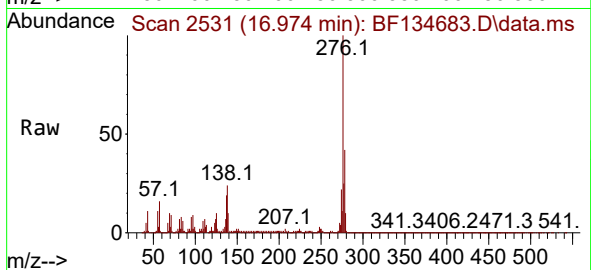
Tgt Ion:276 Resp: 1148621

Ion Ratio Lower Upper

276 100

138 26.4 14.2 21.4#

277 25.6 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 44.766 ng

RT: 15.039 min Scan# 2202

Delta R.T. 0.029 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

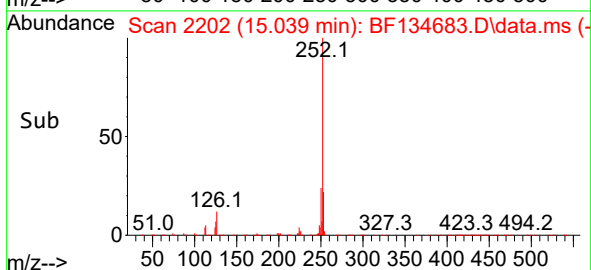
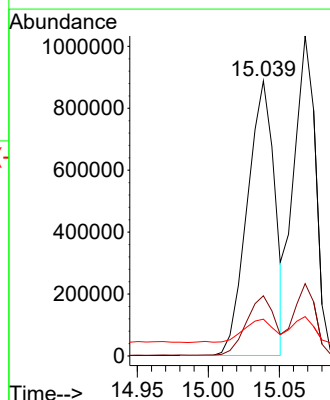
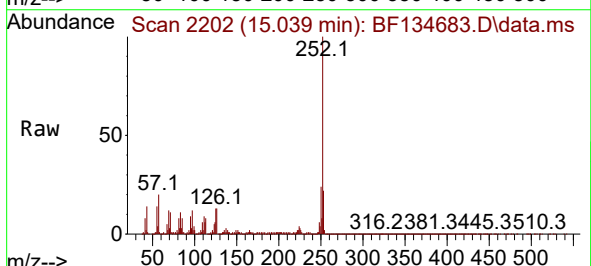
Tgt Ion:252 Resp: 1191435

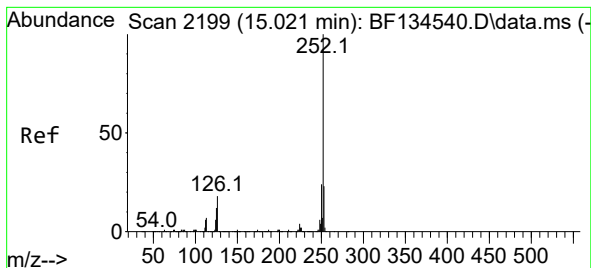
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 13.4 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 41.532 ng

RT: 15.068 min Scan# 2199

Delta R.T. 0.029 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

OS-1MSD

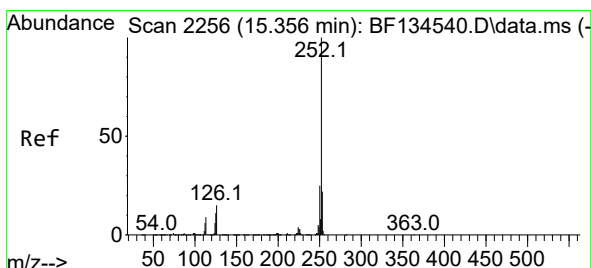
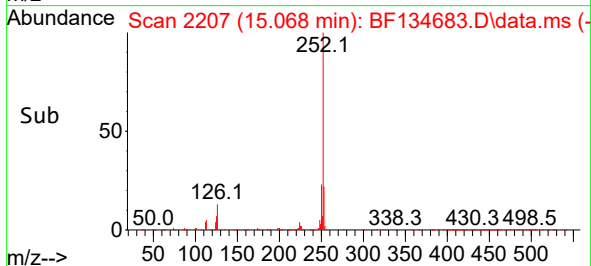
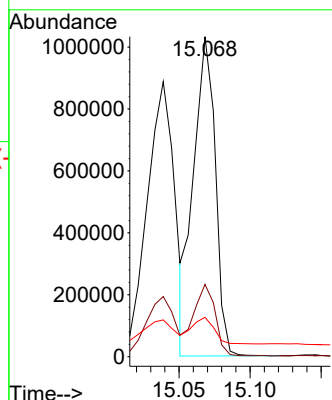
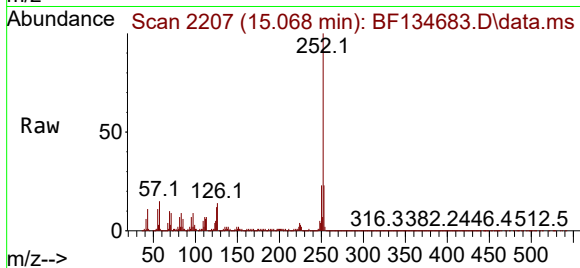
Tgt Ion:252 Resp: 1101122

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

125 12.3 6.3 9.5#



#90

Benzo(a)pyrene

Concen: 42.013 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.029 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

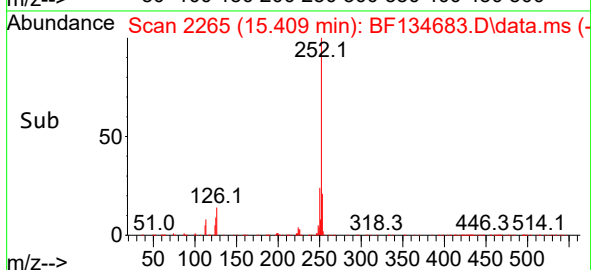
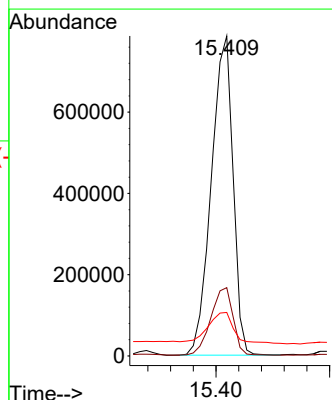
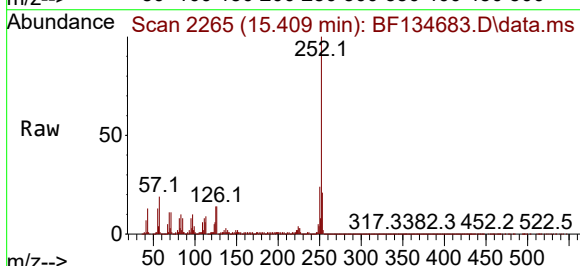
Tgt Ion:252 Resp: 1042557

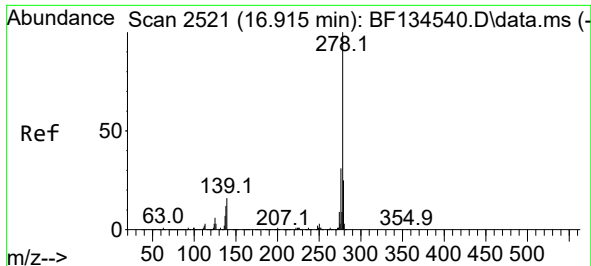
Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.4

125 13.6 6.2 9.4#

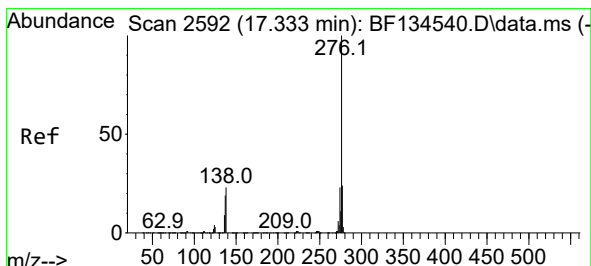
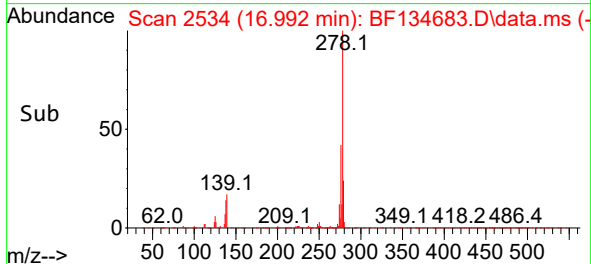
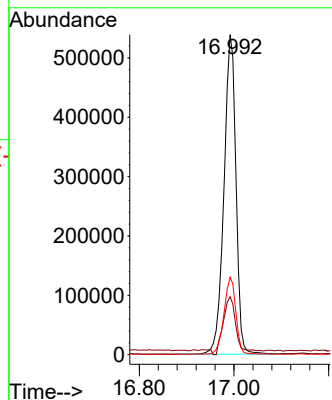
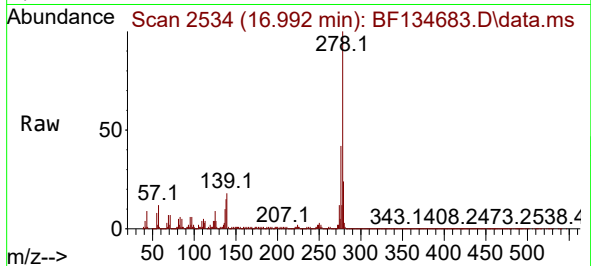




#91
Dibenzo(a,h)anthracene
Concen: 45.788 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Instrument :
BNA_F
ClientSampleId :
OS-1MSD

Tgt Ion:278 Resp: 949691
Ion Ratio Lower Upper
278 100
139 18.1 10.0 15.0#
279 24.1 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 40.981 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.053 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion:276 Resp: 867055
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 23.3 12.2 18.2#

