

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136762.D
 Acq On : 27 Dec 2023 17:18
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 27 22:43:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	79086	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	285442	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	138803	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	247328	20.000	ng	0.00
76) Chrysene-d12	13.968	240	142131	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	147467	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	405133	79.929	ng	0.00
7) Phenol-d6	6.434	99	504089	76.752	ng	0.00
23) Nitrobenzene-d5	7.351	82	452707	81.157	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	127673	78.101	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	849018	82.269	ng	-0.01
79) Terphenyl-d14	12.904	244	774525	76.153	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	84252	39.894	ng	96
3) Pyridine	3.293	79	203095	39.414	ng	94
4) n-Nitrosodimethylamine	3.269	42	107997	39.247	ng	99
6) Aniline	6.451	93	243623	37.101	ng	# 37
8) 2-Chlorophenol	6.575	128	217091	39.138	ng	96
9) Benzaldehyde	6.340	77	143140	38.316	ng	98
10) Phenol	6.445	94	267759	38.190	ng	95
11) bis(2-Chloroethyl)ether	6.528	93	200766	37.654	ng	98
12) 1,3-Dichlorobenzene	6.728	146	241122	39.848	ng	98
13) 1,4-Dichlorobenzene	6.804	146	241891	39.123	ng	96
14) 1,2-Dichlorobenzene	6.957	146	224970	39.104	ng	98
15) Benzyl Alcohol	6.934	79	171282	38.656	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	319932	36.701	ng	89
17) 2-Methylphenol	7.045	107	170547	37.114	ng	99
18) Hexachloroethane	7.292	117	88984	39.629	ng	91
19) n-Nitroso-di-n-propyla...	7.204	70	143635	36.077	ng	96
20) 3+4-Methylphenols	7.198	107	213282	37.152	ng	93
22) Acetophenone	7.198	105	289468	40.459	ng	# 98
24) Nitrobenzene	7.369	77	228609	40.912	ng	97
25) Isophorone	7.604	82	397572	39.169	ng	99
26) 2-Nitrophenol	7.681	139	114615	42.871	ng	96
27) 2,4-Dimethylphenol	7.722	122	130612	40.129	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	244048	39.556	ng	99
29) 2,4-Dichlorophenol	7.928	162	171649	40.963	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	191449	41.006	ng	98
31) Naphthalene	8.086	128	636101	40.564	ng	100
32) Benzoic acid	7.857	122	98519	31.283	ng	97
33) 4-Chloroaniline	8.139	127	226428	39.108	ng	96
34) Hexachlorobutadiene	8.198	225	118026	41.608	ng	97
35) Caprolactam	8.522	113	52538	38.006	ng	87
36) 4-Chloro-3-methylphenol	8.628	107	183069	38.808	ng	99
37) 2-Methylnaphthalene	8.775	142	390985	38.742	ng	99
38) 1-Methylnaphthalene	8.875	142	384981	38.882	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	183515	42.691	ng	98
41) Hexachlorocyclopentadiene	8.928	237	42314	33.880	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	115102	41.752	ng	96

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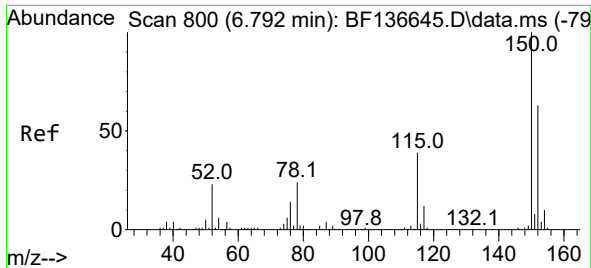
Quant Time: Dec 27 22:43:47 2023
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 QLast Update : Thu Dec 21 01:54:25 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	129168	42.046	ng	97
46) 1,1'-Biphenyl	9.239	154	480861	41.284	ng	97
47) 2-Chloronaphthalene	9.269	162	375802	42.441	ng	98
48) 2-Nitroaniline	9.369	65	113458	40.917	ng	97
49) Acenaphthylene	9.681	152	553756	40.915	ng	99
50) Dimethylphthalate	9.545	163	400202	39.473	ng	98
51) 2,6-Dinitrotoluene	9.610	165	92502	40.202	ng	# 87
52) Acenaphthene	9.857	154	339811	40.503	ng	99
53) 3-Nitroaniline	9.781	138	95356	39.122	ng	94
54) 2,4-Dinitrophenol	9.892	184	39352	33.153	ng	95
55) Dibenzofuran	10.028	168	502494	39.512	ng	100
56) 4-Nitrophenol	9.951	139	56833	34.540	ng	96
57) 2,4-Dinitrotoluene	10.016	165	118389	39.634	ng	98
58) Fluorene	10.369	166	402224	39.860	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	94212	39.839	ng	99
60) Diethylphthalate	10.245	149	414245	39.379	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	192092	39.163	ng	97
62) 4-Nitroaniline	10.398	138	91538	38.957	ng	93
63) Azobenzene	10.522	77	377526	38.425	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	61644	43.490	ng	96
66) n-Nitrosodiphenylamine	10.486	169	337467	42.003	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	114043	41.519	ng	92
68) Hexachlorobenzene	10.922	284	129586	42.334	ng	95
69) Atrazine	11.016	200	86642	42.163	ng	97
70) Pentachlorophenol	11.116	266	56405	39.533	ng	99
71) Phenanthrene	11.339	178	529360	41.713	ng	99
72) Anthracene	11.386	178	528572	41.127	ng	99
73) Carbazole	11.545	167	490093	40.446	ng	100
74) Di-n-butylphthalate	11.880	149	595202	40.255	ng	99
75) Fluoranthene	12.527	202	534321	39.362	ng	97
77) Benzidine	12.657	184	154765	36.929	ng	99
78) Pyrene	12.763	202	539008	38.632	ng	99
80) Butylbenzylphthalate	13.386	149	206091	40.594	ng	97
81) Benzo(a)anthracene	13.957	228	405342	41.071	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	125733	44.859	ng	98
83) Chrysene	13.992	228	389452	40.352	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	274342	42.948	ng	98
85) Di-n-octyl phthalate	14.563	149	448575	45.398	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	437845	41.123	ng	99
88) Benzo(b)fluoranthene	15.010	252	395481	40.153	ng	99
89) Benzo(k)fluoranthene	15.039	252	343684	36.928	ng	100
90) Benzo(a)pyrene	15.380	252	333509	40.114	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	356580	40.822	ng	98
92) Benzo(g,h,i)perylene	17.404	276	367659	41.095	ng	99

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

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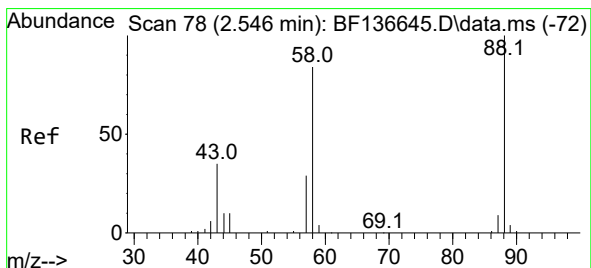
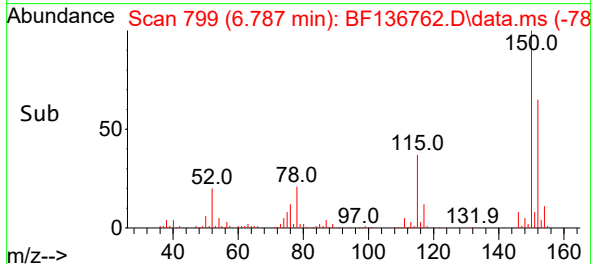
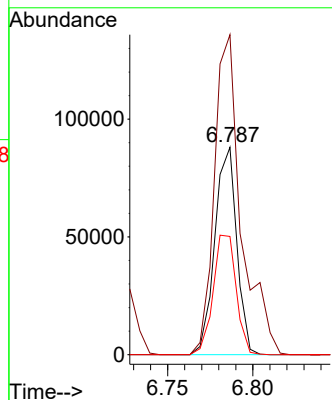
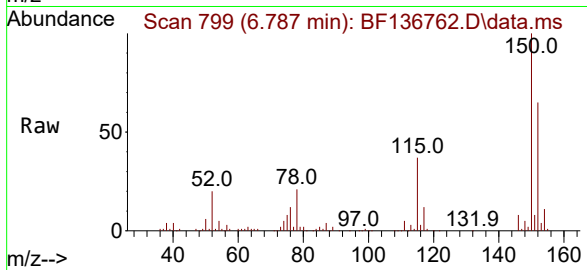




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF136762.D
 Acq: 27 Dec 2023 17:18

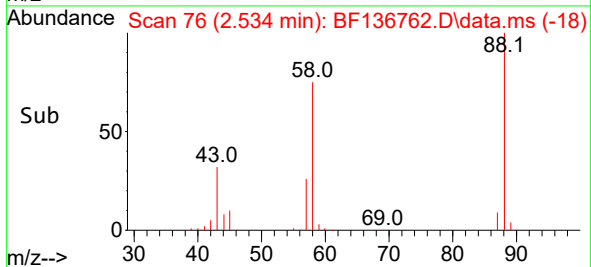
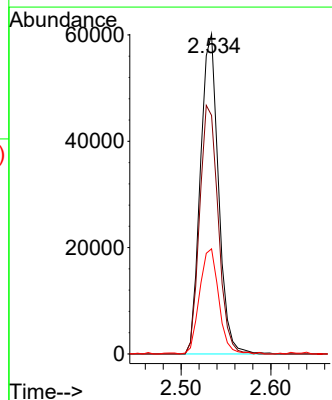
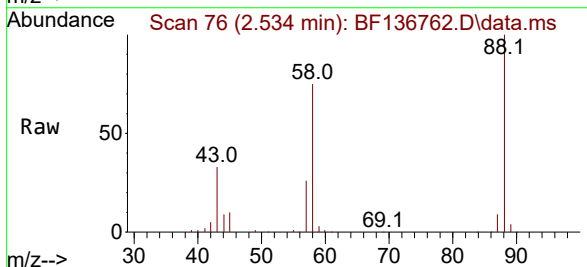
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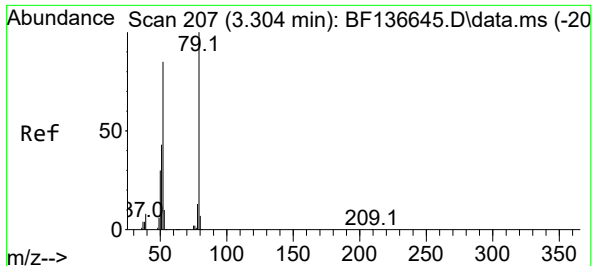
Tgt Ion:152 Resp: 79086
 Ion Ratio Lower Upper
 152 100
 150 154.3 127.0 190.6
 115 57.0 49.0 73.4



#2
 1,4-Dioxane
 Concen: 39.894 ng
 RT: 2.534 min Scan# 76
 Delta R.T. -0.012 min
 Lab File: BF136762.D
 Acq: 27 Dec 2023 17:18

Tgt Ion: 88 Resp: 84252
 Ion Ratio Lower Upper
 88 100
 58 79.6 67.4 101.0
 43 34.7 27.7 41.5

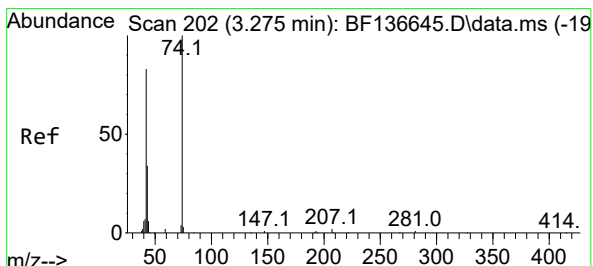
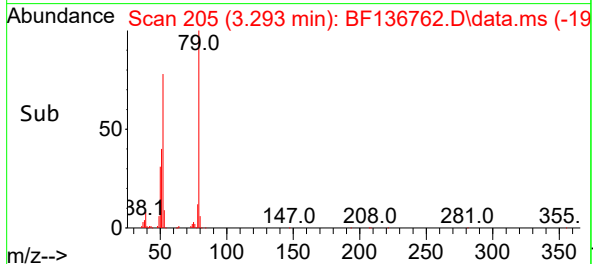
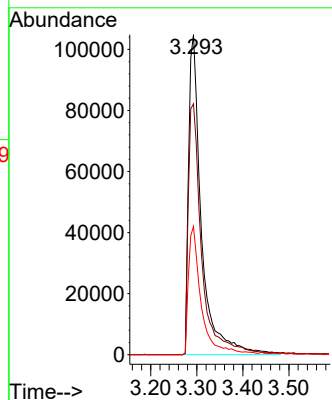
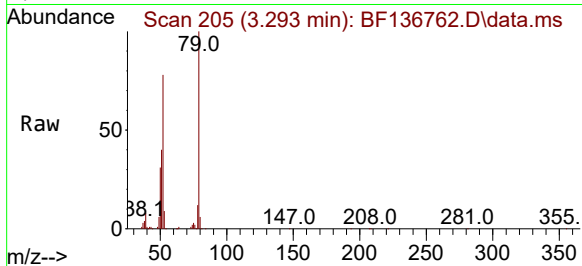




#3
 Pyridine
 Concen: 39.414 ng
 RT: 3.293 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF136762.D
 Acq: 27 Dec 2023 17:18

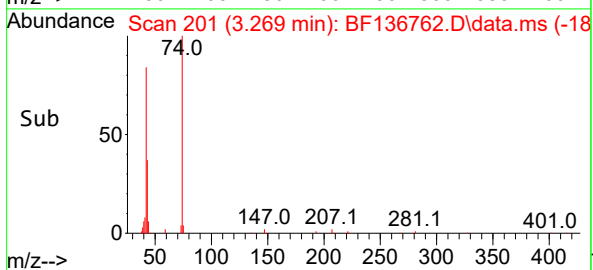
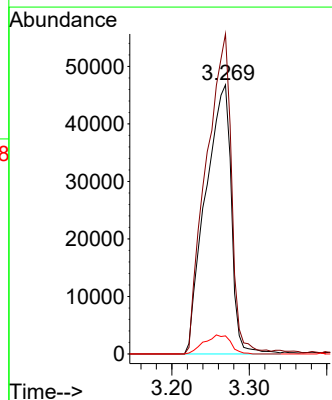
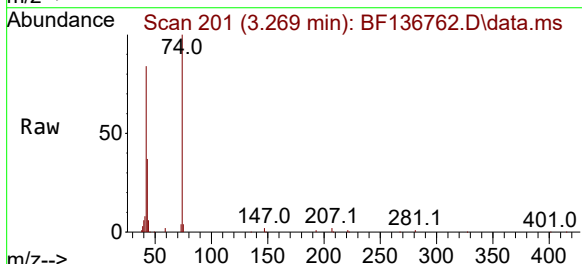
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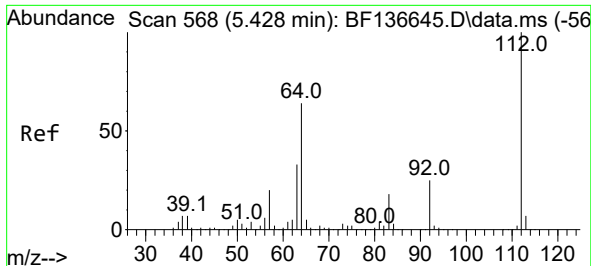
Tgt Ion: 79 Resp: 203095
 Ion Ratio Lower Upper
 79 100
 52 78.4 67.7 101.5
 51 40.1 34.0 51.0



#4
 n-Nitrosodimethylamine
 Concen: 39.247 ng
 RT: 3.269 min Scan# 201
 Delta R.T. -0.006 min
 Lab File: BF136762.D
 Acq: 27 Dec 2023 17:18

Tgt Ion: 42 Resp: 107997
 Ion Ratio Lower Upper
 42 100
 74 118.9 96.0 144.0
 44 6.7 5.4 8.2

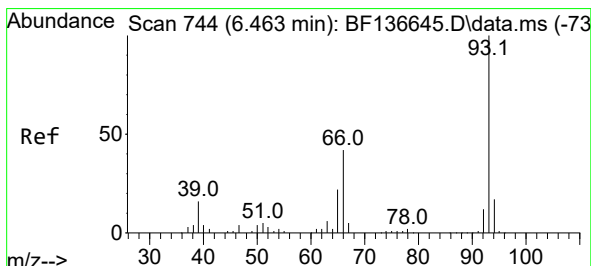
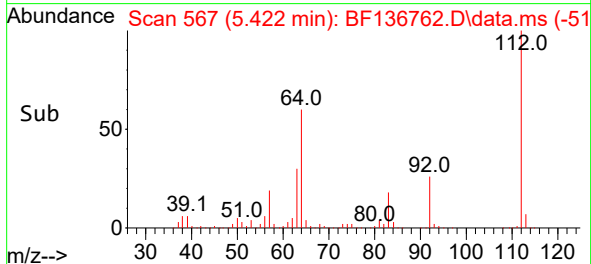
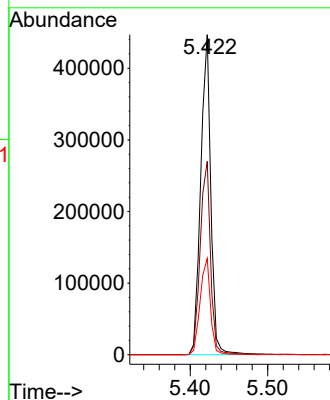
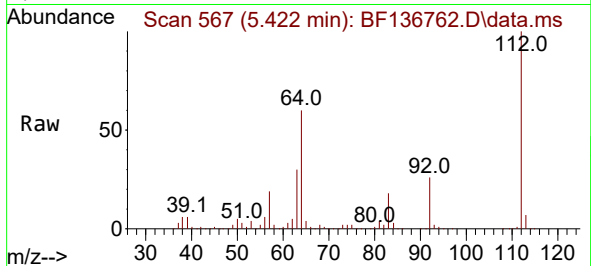




#5
2-Fluorophenol
Concen: 79.929 ng
RT: 5.422 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

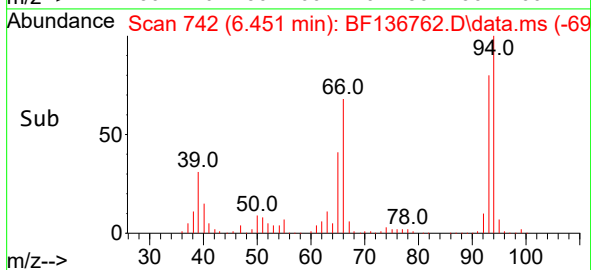
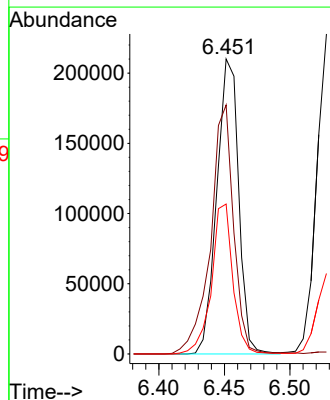
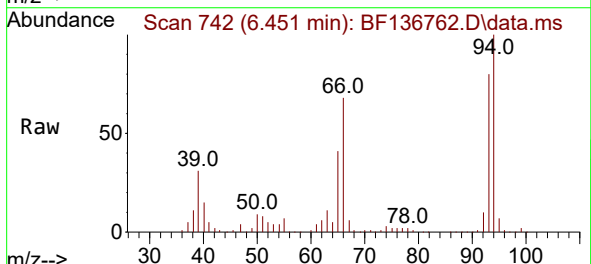
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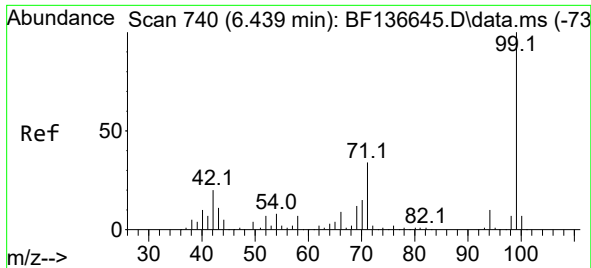
Tgt Ion:112 Resp: 405133
Ion Ratio Lower Upper
112 100
64 60.4 51.1 76.7
63 30.0 26.1 39.1



#6
Aniline
Concen: 37.101 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

Tgt Ion: 93 Resp: 243623
Ion Ratio Lower Upper
93 100
66 84.4 34.6 51.8#
65 50.8 17.8 26.8#

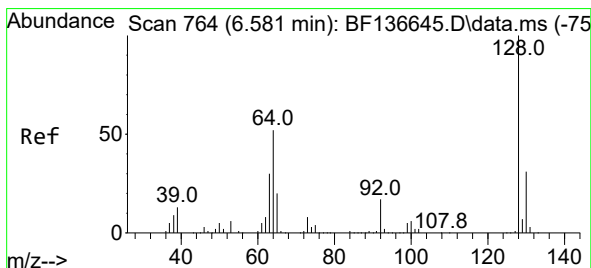
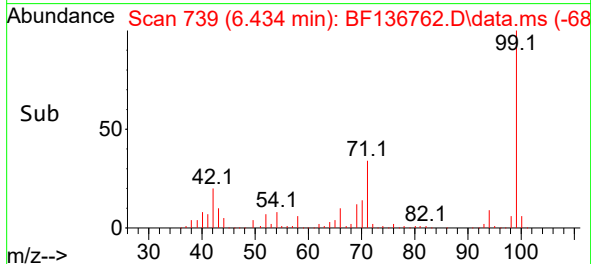
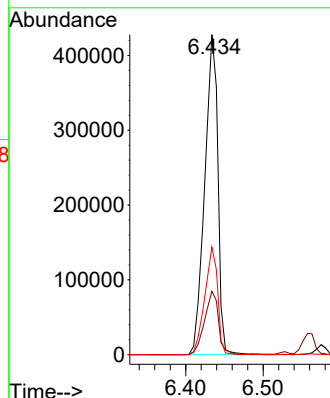
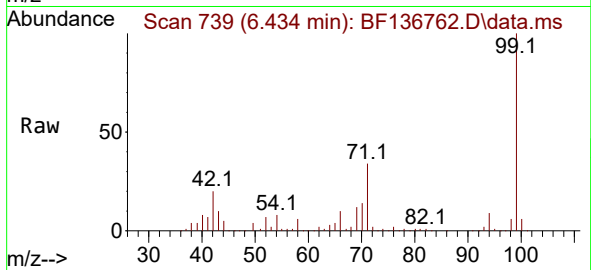




#7
Phenol-d6
Concen: 76.752 ng
RT: 6.434 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

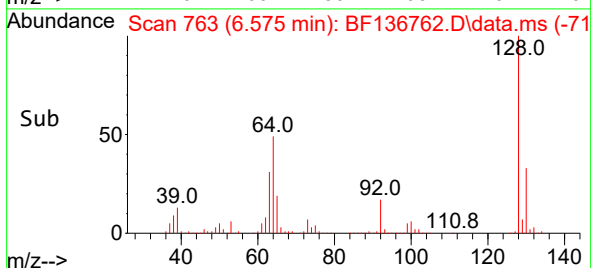
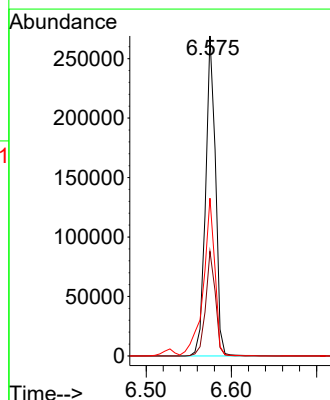
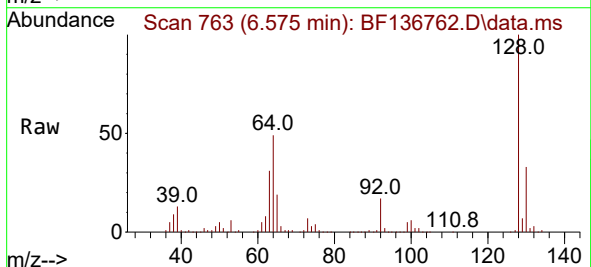
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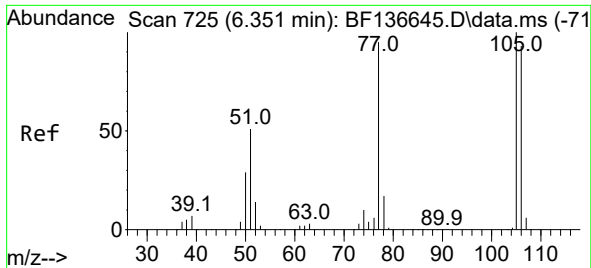
Tgt Ion: 99 Resp: 504089
Ion Ratio Lower Upper
99 100
42 19.8 16.1 24.1
71 33.6 27.4 41.2



#8
2-Chlorophenol
Concen: 39.138 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

Tgt Ion: 128 Resp: 217091
Ion Ratio Lower Upper
128 100
130 32.7 11.3 51.3
64 49.3 32.5 72.5





#9

Benzaldehyde

Concen: 38.316 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

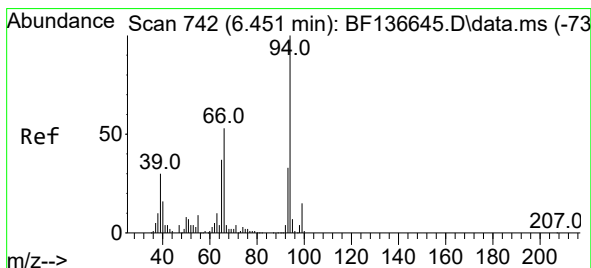
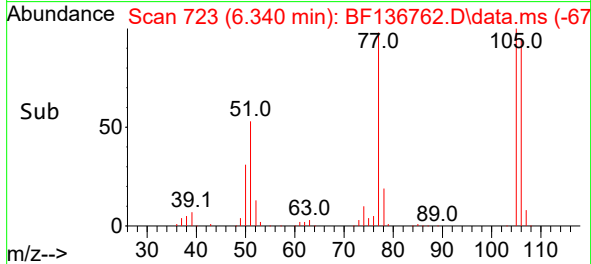
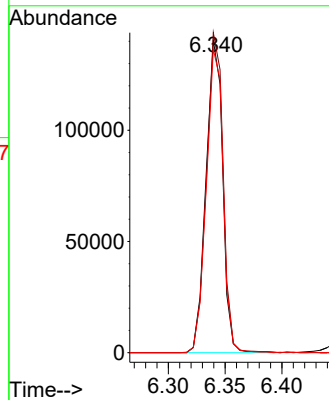
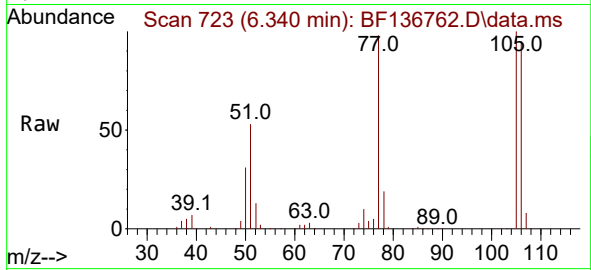
Tgt Ion: 77 Resp: 143140

Ion Ratio Lower Upper

77 100

105 102.4 84.8 124.8

106 97.1 77.8 117.8



#10

Phenol

Concen: 38.190 ng

RT: 6.445 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

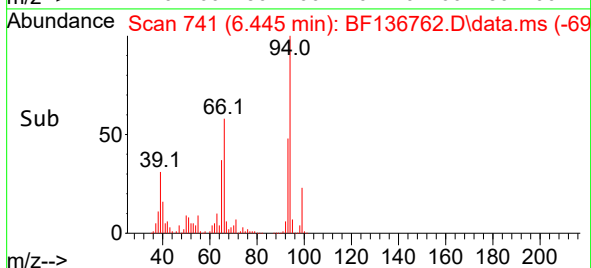
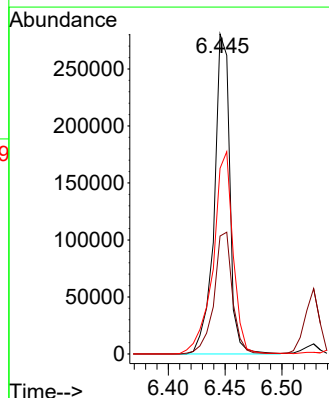
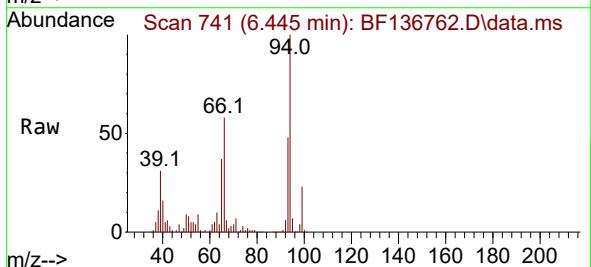
Tgt Ion: 94 Resp: 267759

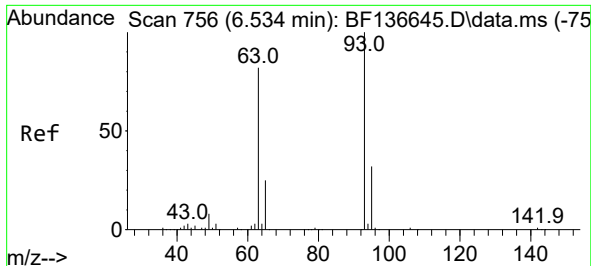
Ion Ratio Lower Upper

94 100

65 36.9 16.6 56.6

66 58.0 32.6 72.6

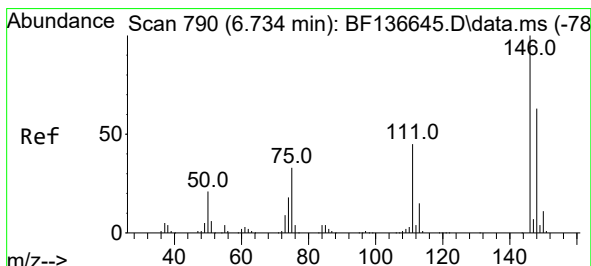
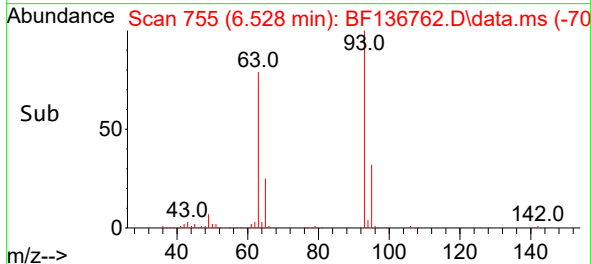
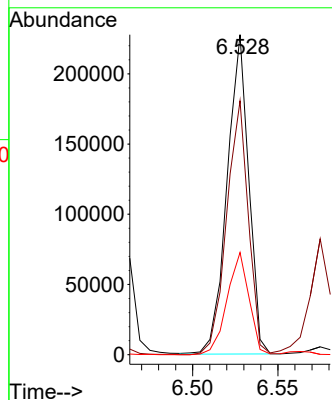
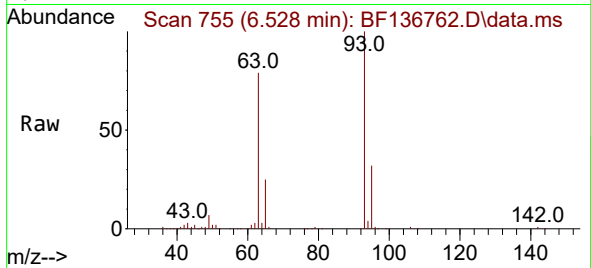




#11
bis(2-Chloroethyl)ether
Concen: 37.654 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

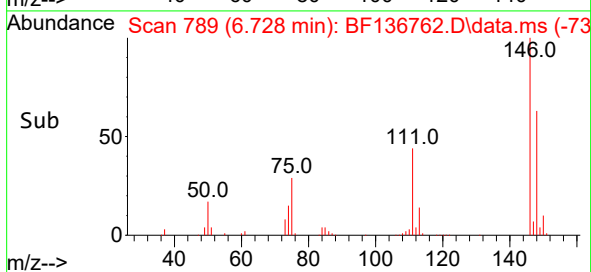
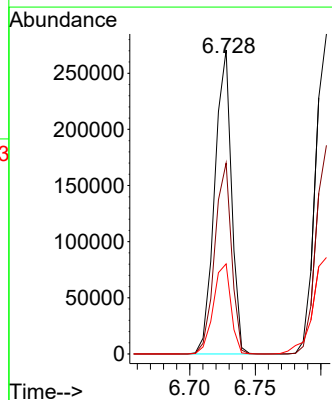
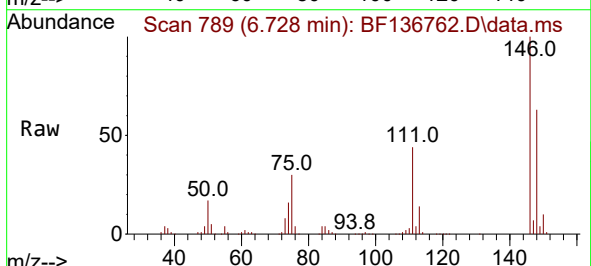
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

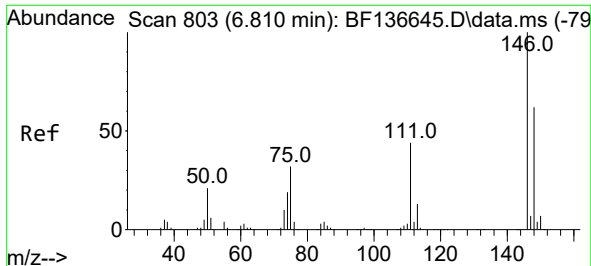
Tgt Ion: 93 Resp: 200766
Ion Ratio Lower Upper
93 100
63 79.3 61.2 101.2
95 31.9 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 39.848 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

Tgt Ion:146 Resp: 241122
Ion Ratio Lower Upper
146 100
148 62.8 50.5 75.7
75 29.6 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 39.123 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

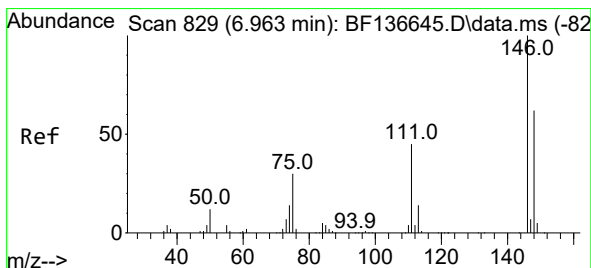
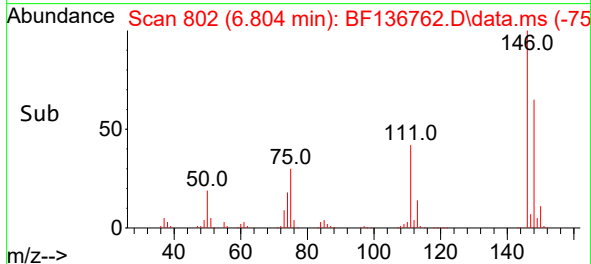
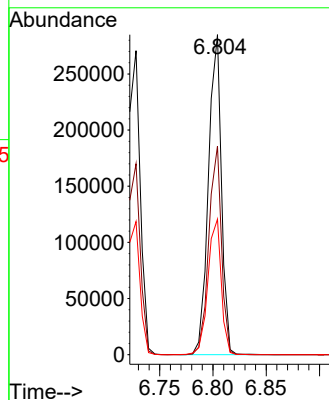
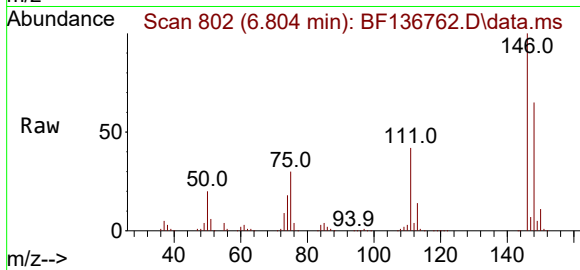
Tgt Ion:146 Resp: 241891

Ion Ratio Lower Upper

146 100

148 65.2 49.2 73.8

111 42.4 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 39.104 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

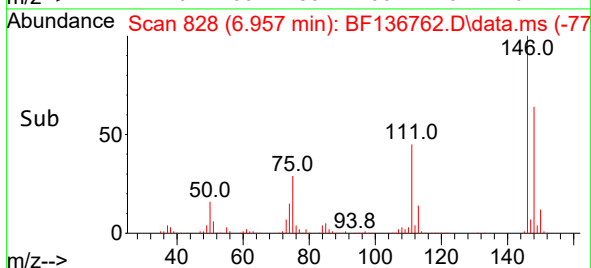
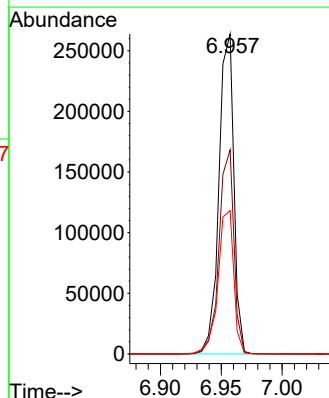
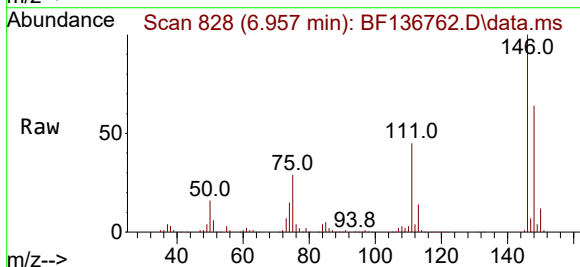
Tgt Ion:146 Resp: 224970

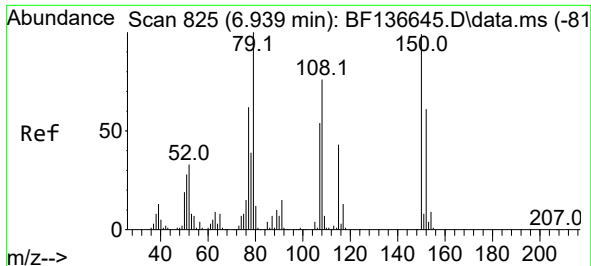
Ion Ratio Lower Upper

146 100

148 63.8 49.6 74.4

111 44.8 36.2 54.2

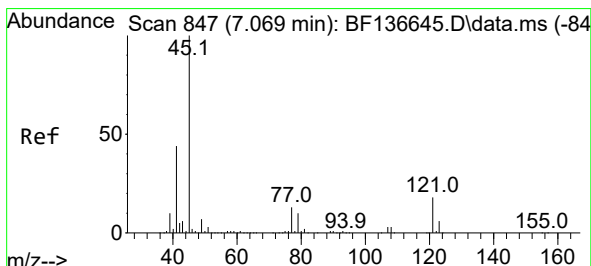
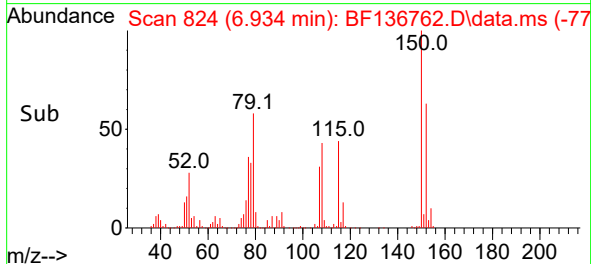
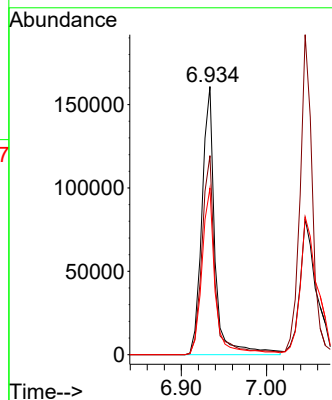
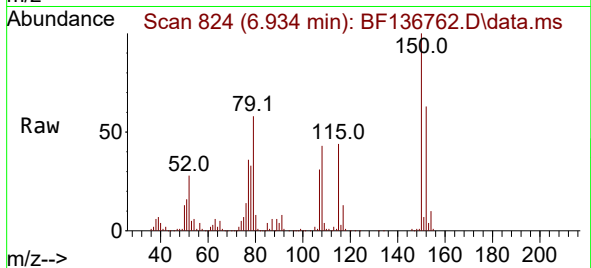




#15
Benzyl Alcohol
Concen: 38.656 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

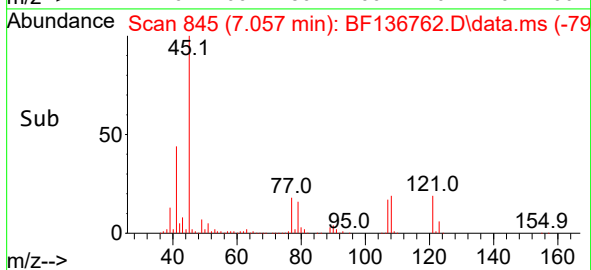
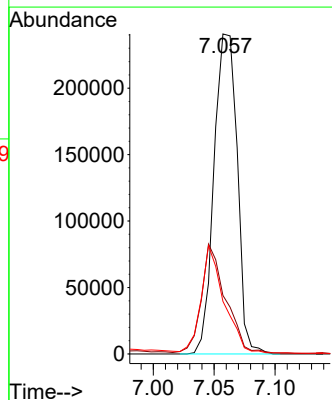
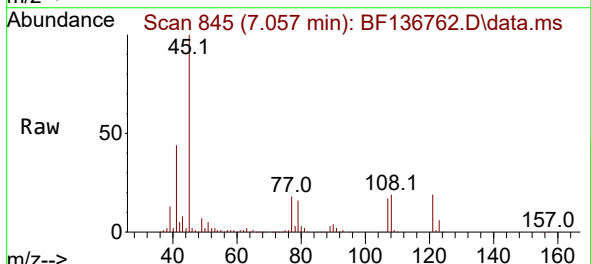
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

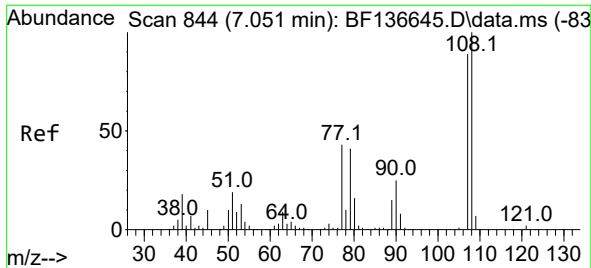
Tgt Ion: 79 Resp: 171282
Ion Ratio Lower Upper
79 100
108 74.2 61.0 91.6
77 62.1 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.701 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

Tgt Ion: 45 Resp: 319932
Ion Ratio Lower Upper
45 100
77 18.3 0.0 34.3
79 16.5 0.0 31.4



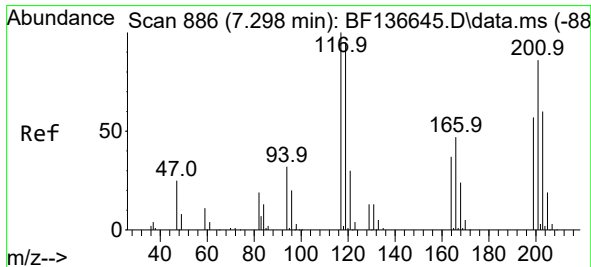
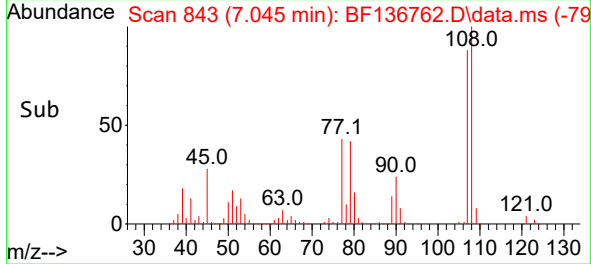
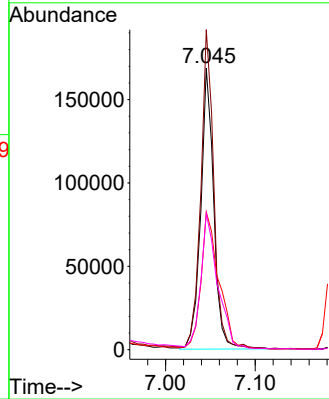
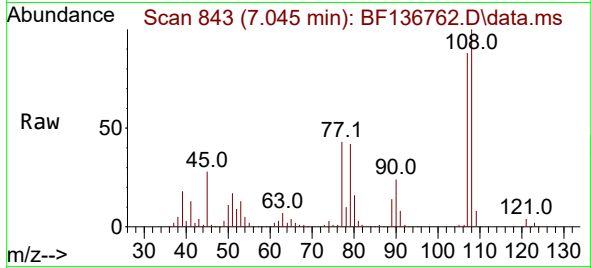


#17
2-Methylphenol
Concen: 37.114 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 170547

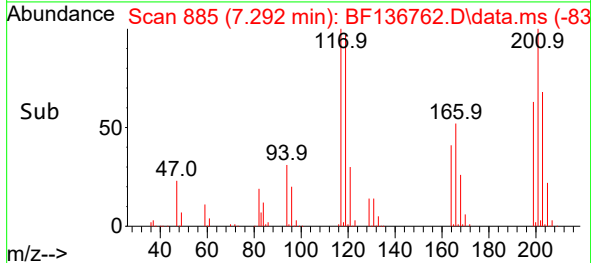
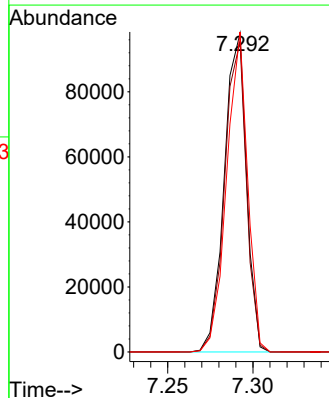
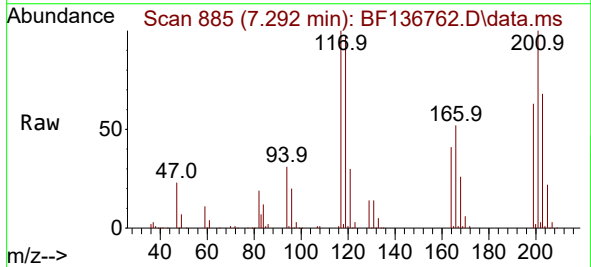
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.3	135.5
77	48.9	38.7	58.1
79	48.3	37.8	56.6

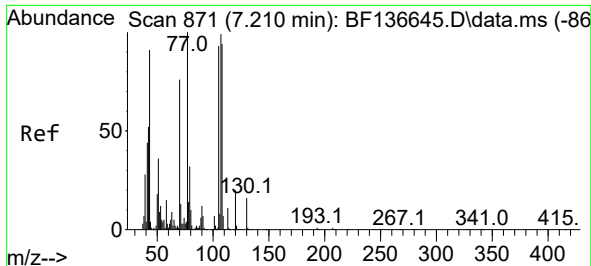


#18
Hexachloroethane
Concen: 39.629 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

Tgt Ion:117 Resp: 88984

Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.8	113.6
201	100.4	69.1	103.7

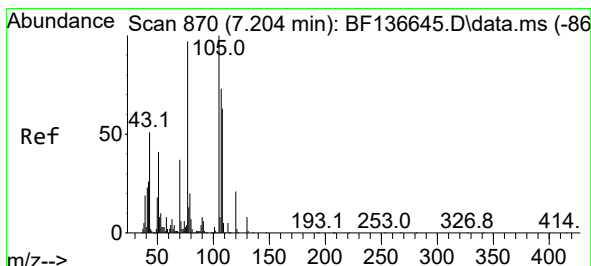
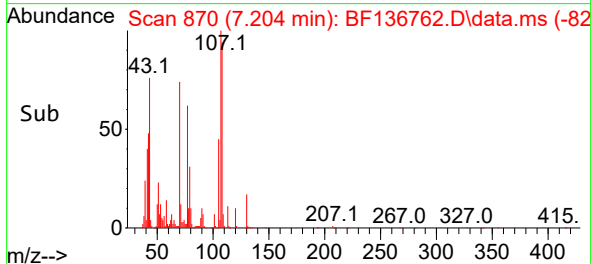
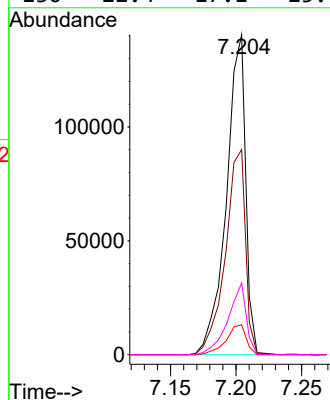
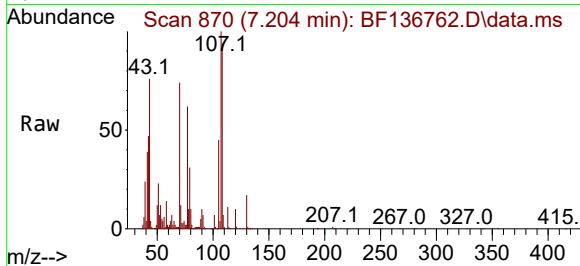




#19
n-Nitroso-di-n-propylamine
Concen: 36.077 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

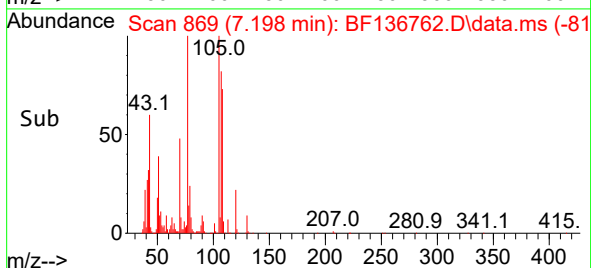
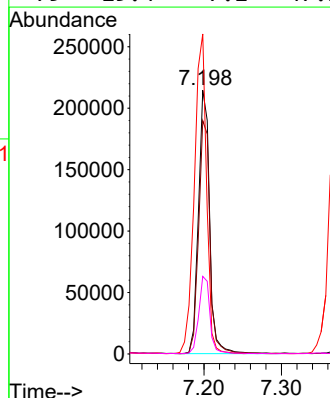
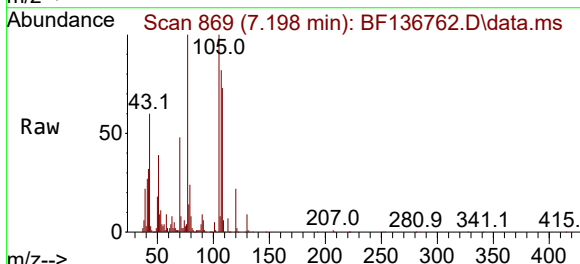
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

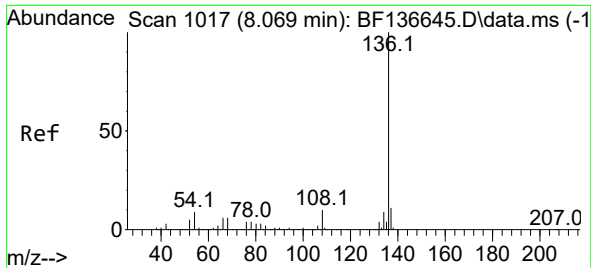
Tgt Ion: 70 Resp: 143635
Ion Ratio Lower Upper
70 100
42 64.1 54.2 81.4
101 9.4 7.6 11.4
130 22.4 17.1 25.7



#20
3+4-Methylphenols
Concen: 37.152 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

Tgt Ion: 107 Resp: 213282
Ion Ratio Lower Upper
107 100
108 88.5 66.0 106.0
77 121.3 114.2 154.2
79 29.4 7.2 47.2

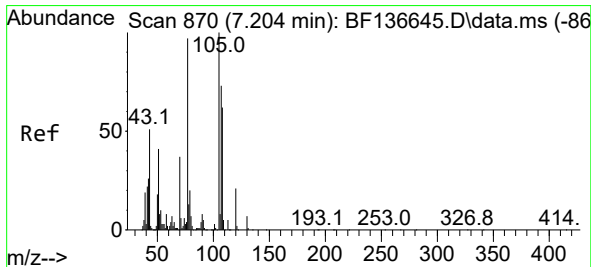
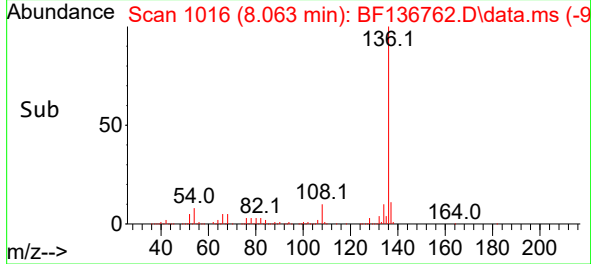
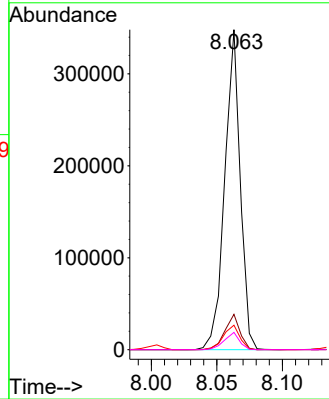
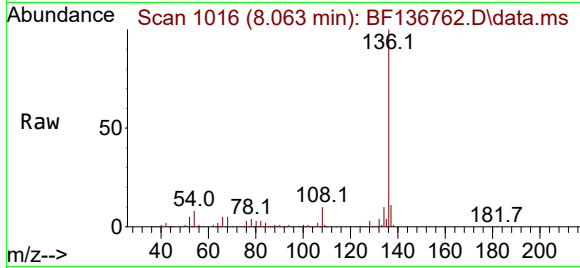




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

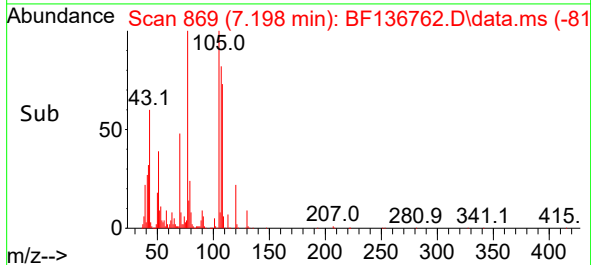
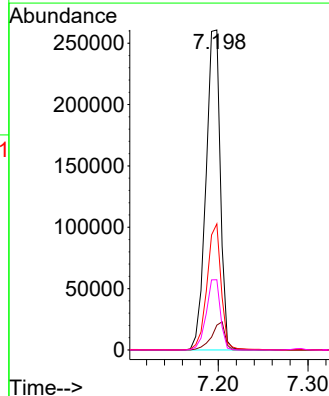
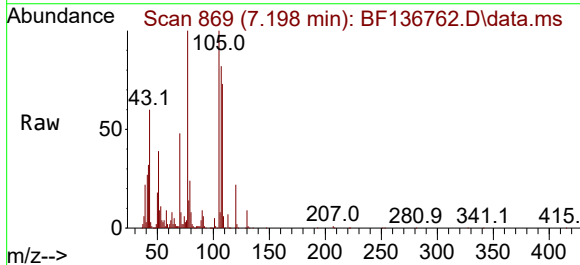
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

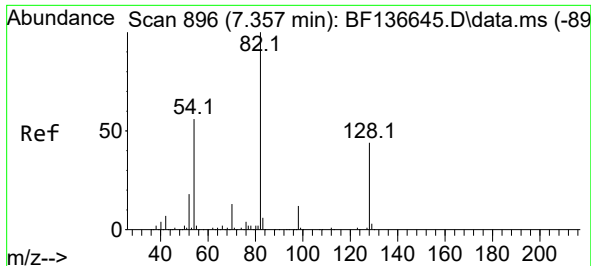
Tgt Ion:136	Resp: 285442
Ion Ratio	Lower Upper
136 100	
137 11.0	9.0 13.4
54 7.6	7.2 10.8
68 5.4	4.9 7.3



#22
Acetophenone
Concen: 40.459 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

Tgt	Ion:105	Resp:	289468
Ion	Ratio	Lower	Upper
105	100		
71	7.8	4.8	7.2#
51	39.4	32.8	49.2
120	22.0	17.0	25.6





#23

Nitrobenzene-d5

Concen: 81.157 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

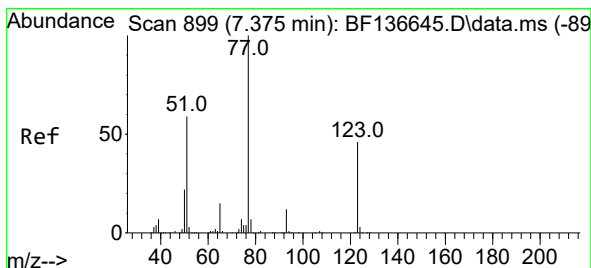
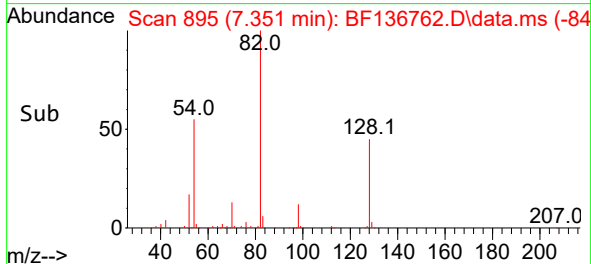
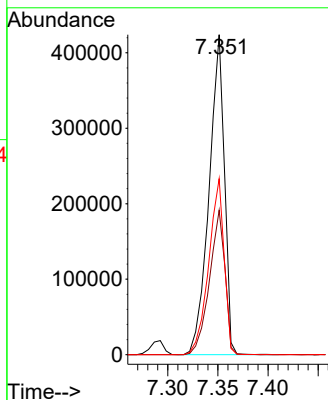
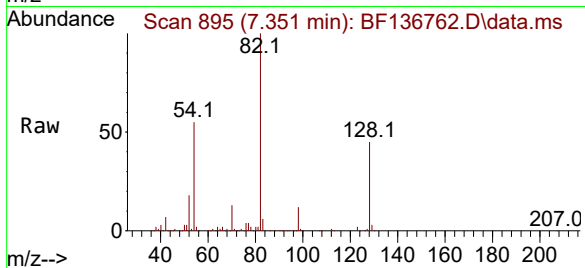
Tgt Ion: 82 Resp: 452707

Ion Ratio Lower Upper

82 100

128 45.1 35.3 52.9

54 55.0 44.5 66.7



#24

Nitrobenzene

Concen: 40.912 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

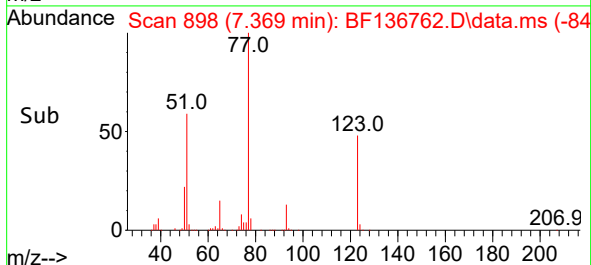
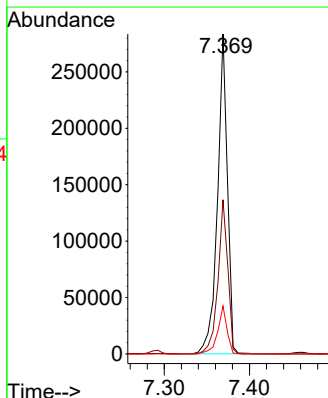
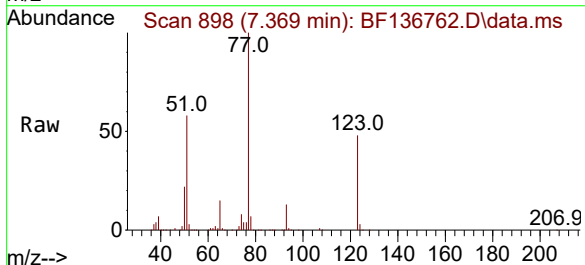
Tgt Ion: 77 Resp: 228609

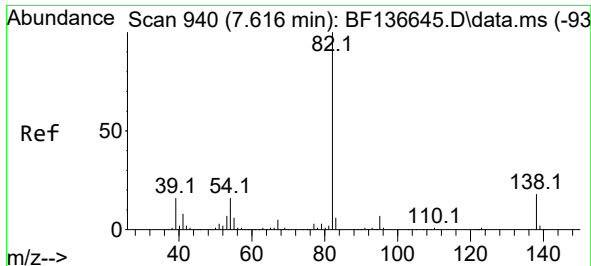
Ion Ratio Lower Upper

77 100

123 48.2 36.7 55.1

65 15.0 11.8 17.6

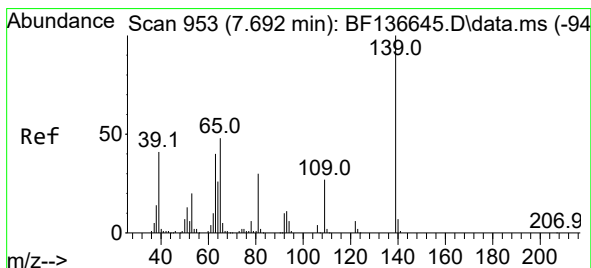
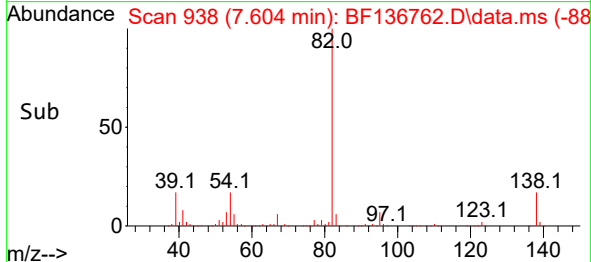
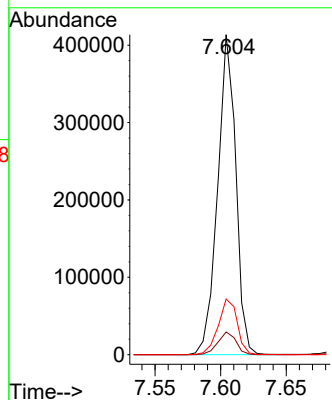
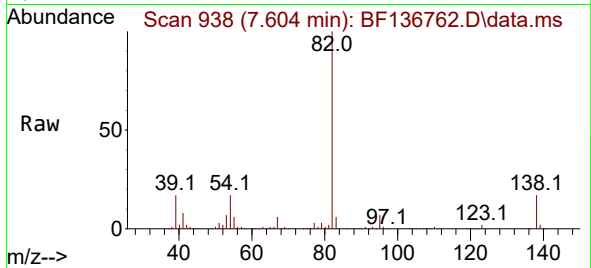




#25
Isophorone
Concen: 39.169 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

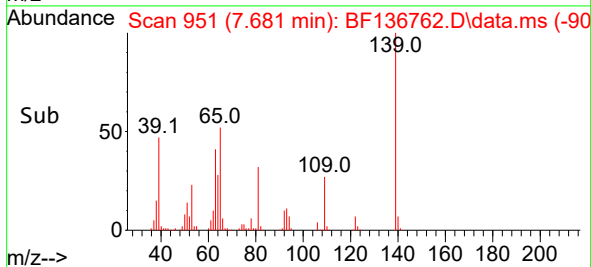
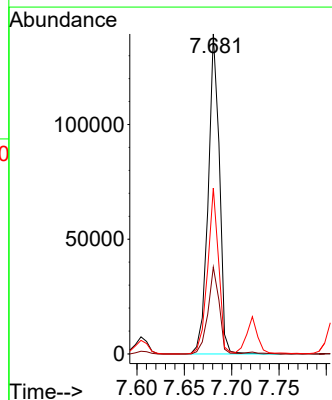
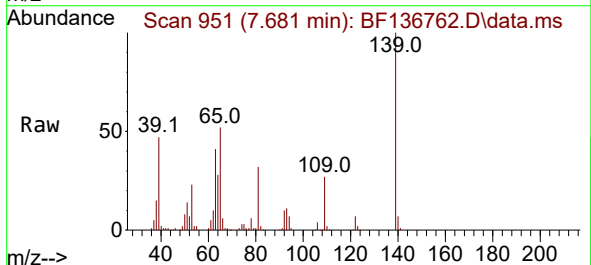
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

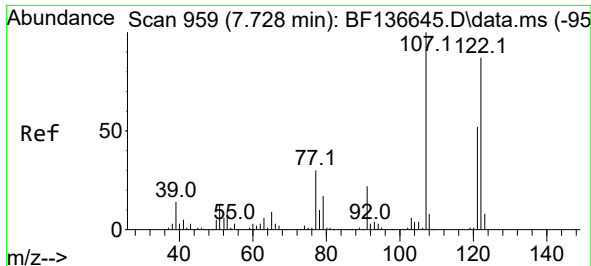
Tgt Ion: 82 Resp: 397572
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.4 14.5 21.7



#26
2-Nitrophenol
Concen: 42.871 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

Tgt Ion: 139 Resp: 114615
Ion Ratio Lower Upper
139 100
109 27.2 21.9 32.9
65 51.9 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 40.129 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

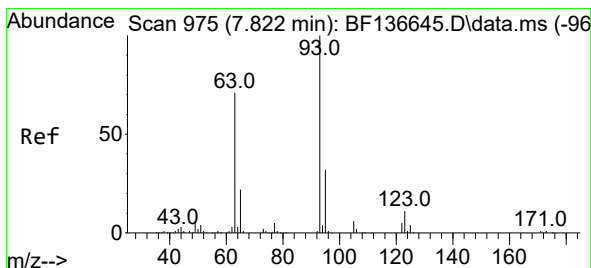
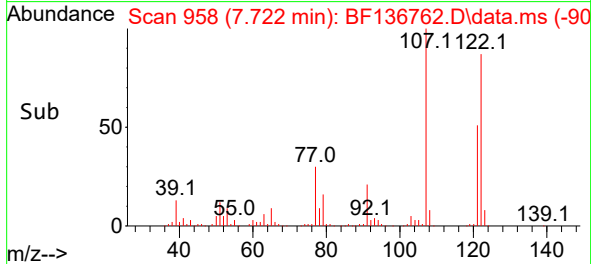
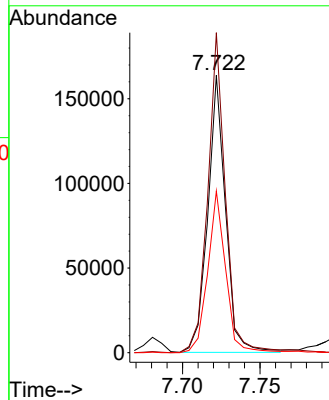
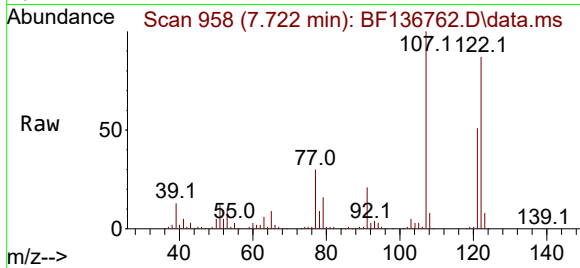
Tgt Ion:122 Resp: 130612

Ion Ratio Lower Upper

122 100

107 115.3 92.0 138.0

121 58.3 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.556 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

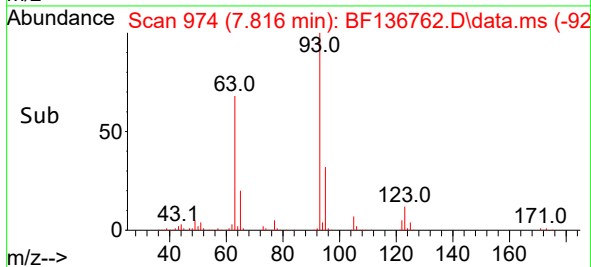
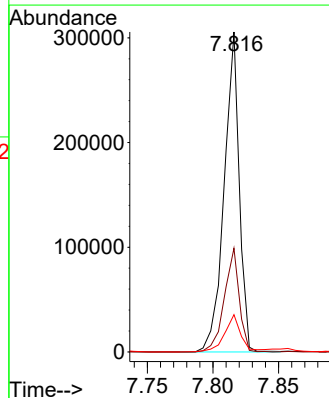
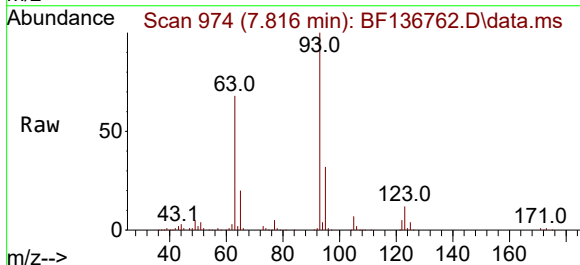
Tgt Ion: 93 Resp: 244048

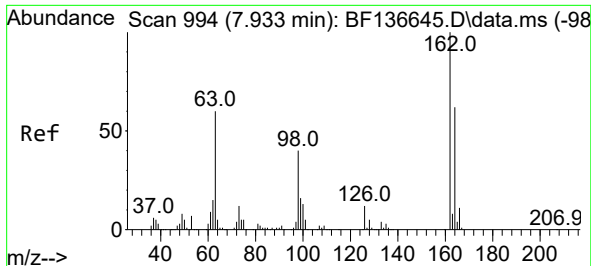
Ion Ratio Lower Upper

93 100

95 32.4 25.5 38.3

123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.963 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

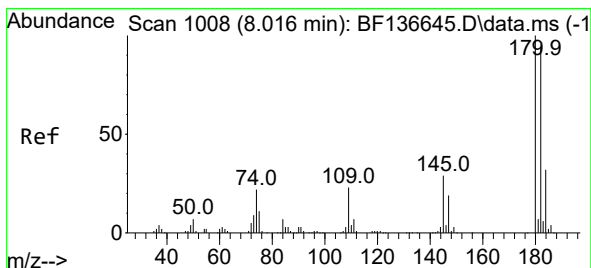
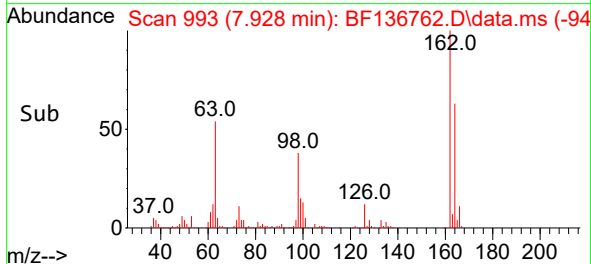
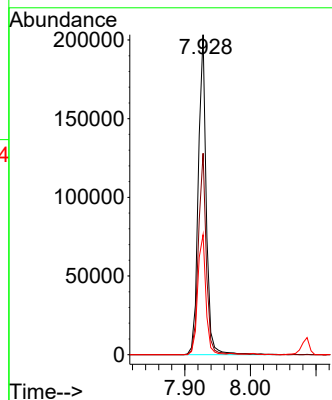
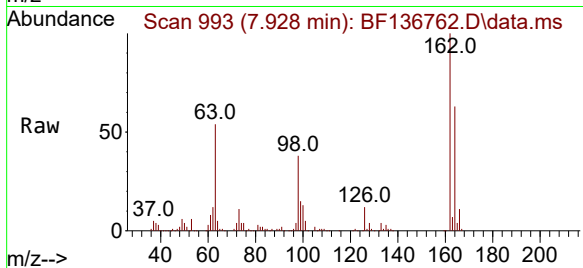
Tgt Ion:162 Resp: 171649

Ion Ratio Lower Upper

162 100

164 63.0 41.7 81.7

98 37.5 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 41.006 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

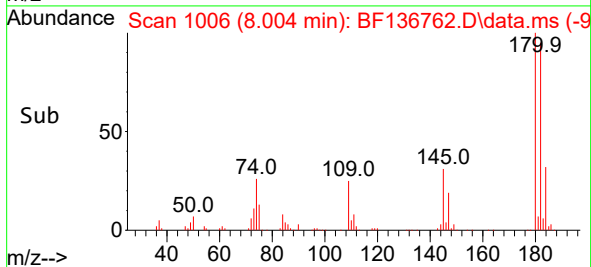
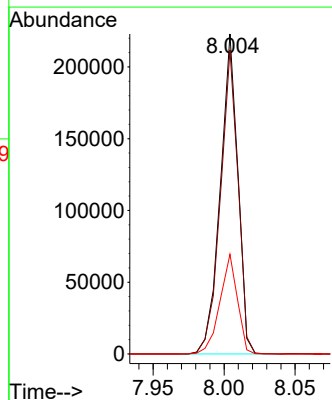
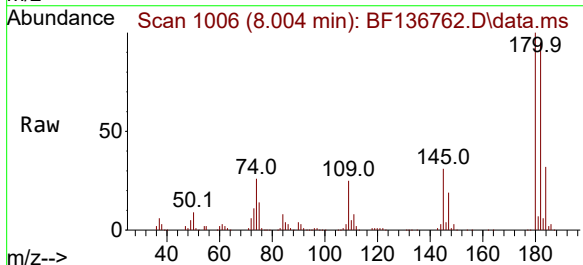
Tgt Ion:180 Resp: 191449

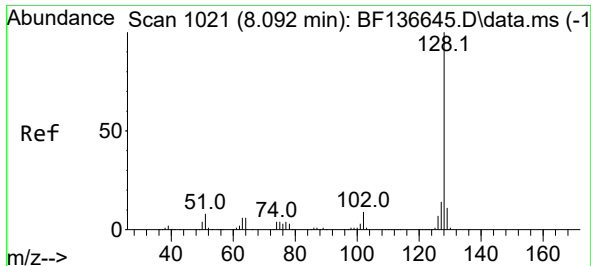
Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.0

145 31.1 23.1 34.7

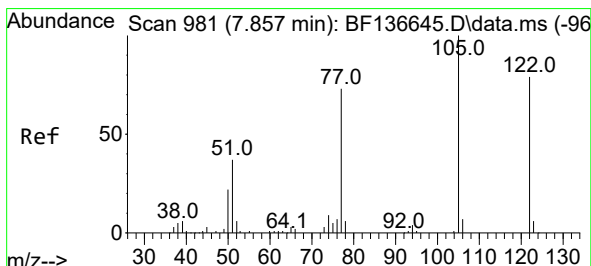
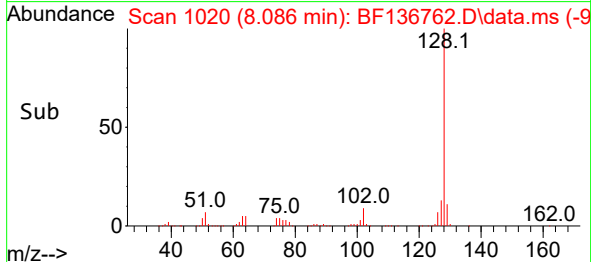
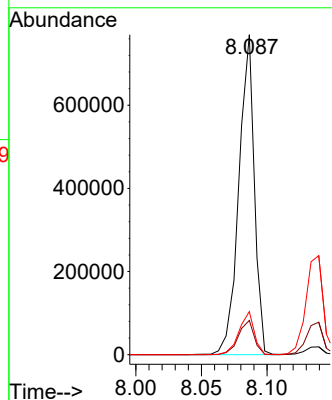
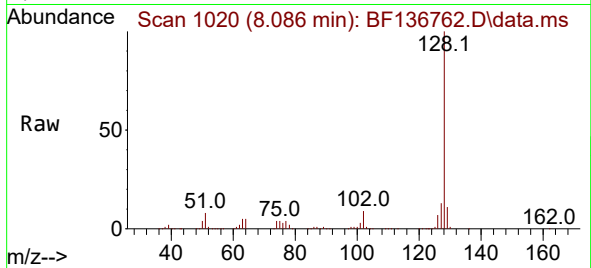




#31
Naphthalene
Concen: 40.564 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

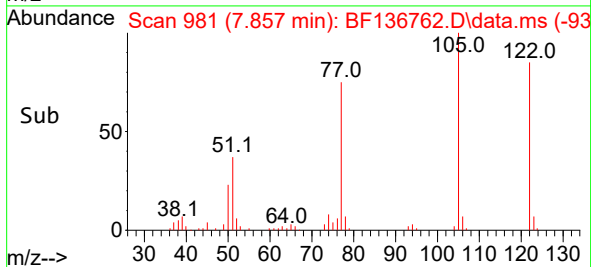
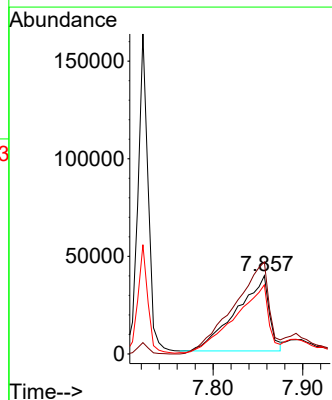
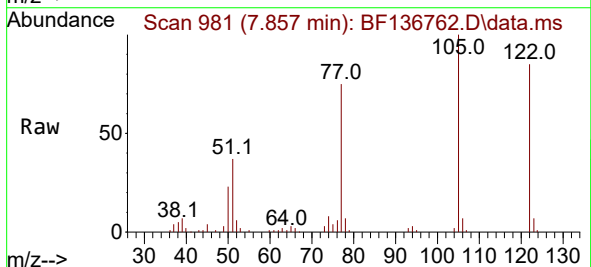
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

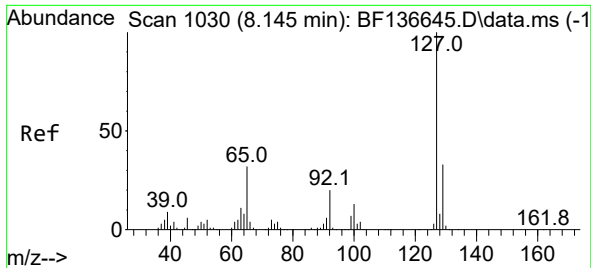
Tgt Ion:128 Resp: 636101
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 31.283 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

Tgt Ion:122 Resp: 98519
Ion Ratio Lower Upper
122 100
105 117.6 100.8 140.8
77 88.4 70.9 110.9

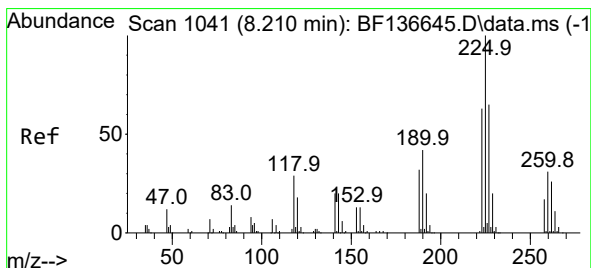
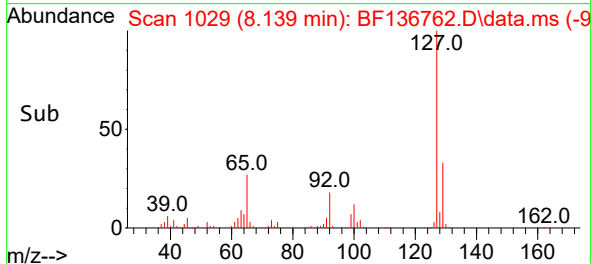
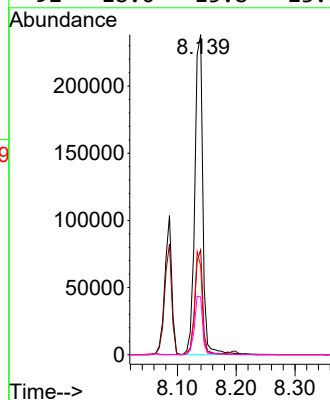
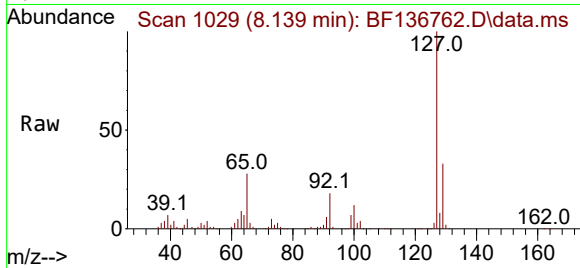




#33
4-Chloroaniline
Concen: 39.108 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

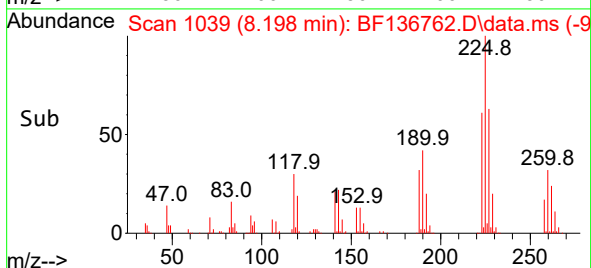
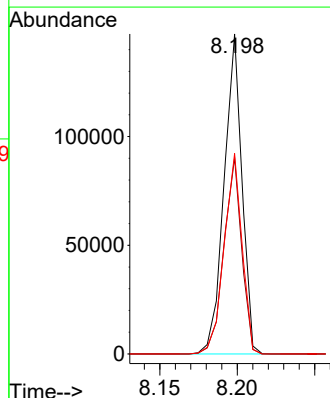
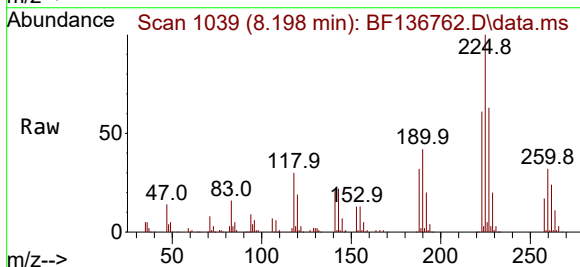
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

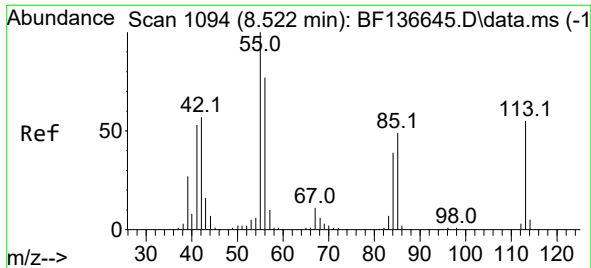
Tgt Ion:	127	Resp:	226428
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	27.7	25.8	38.8
92	18.0	15.8	23.6



#34
Hexachlorobutadiene
Concen: 41.608 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

Tgt Ion:	225	Resp:	118026
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.6	76.0
227	62.6	51.9	77.9

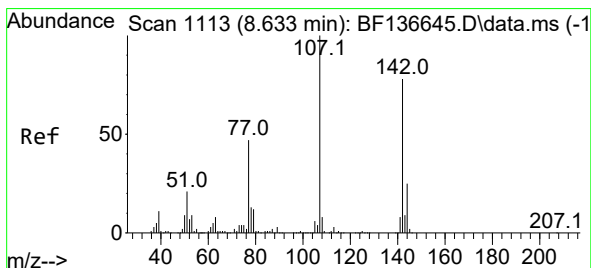
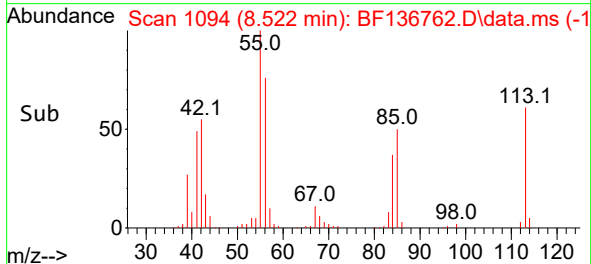
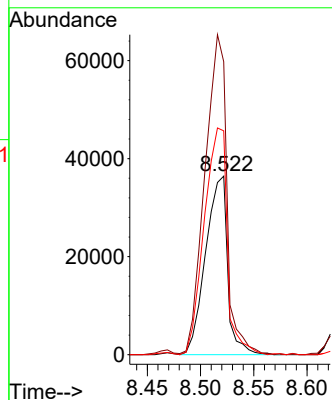
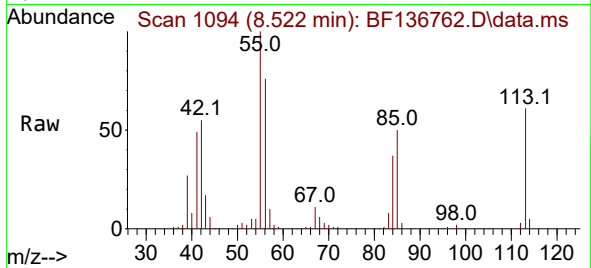




#35
 Caprolactam
 Concen: 38.006 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.000 min
 Lab File: BF136762.D
 Acq: 27 Dec 2023 17:18

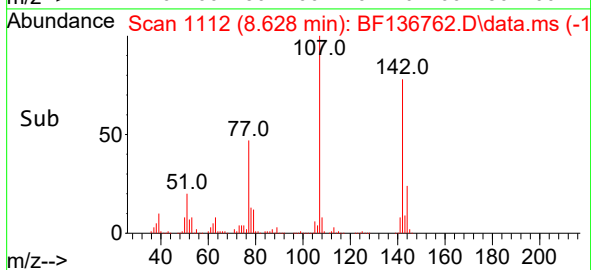
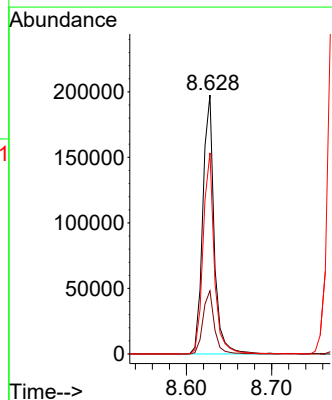
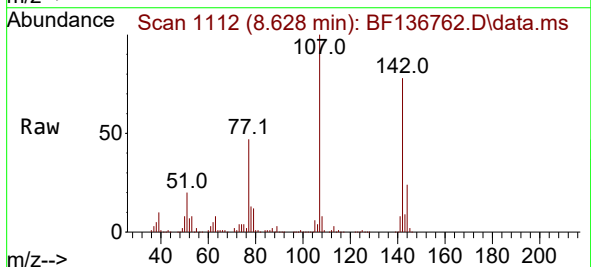
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

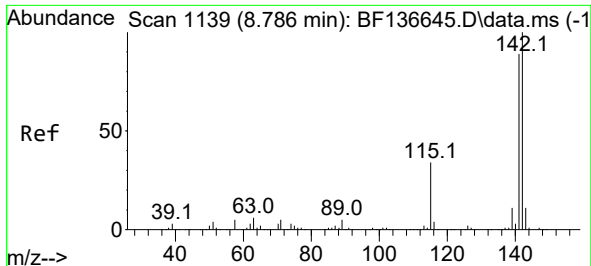
Tgt Ion:113 Resp: 52538
 Ion Ratio Lower Upper
 113 100
 55 164.1 163.1 203.1
 56 125.4 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.808 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF136762.D
 Acq: 27 Dec 2023 17:18

Tgt Ion:107 Resp: 183069
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.2 30.2
 142 77.7 62.3 93.5





#37

2-Methylnaphthalene

Concen: 38.742 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

Instrument :

BNA_F

ClientSampleId :

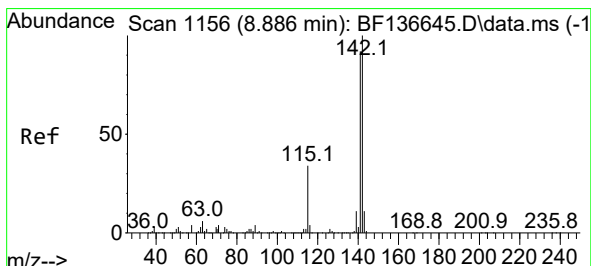
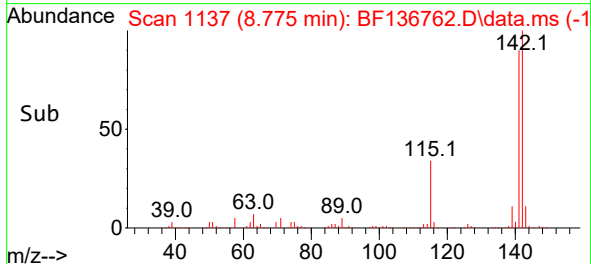
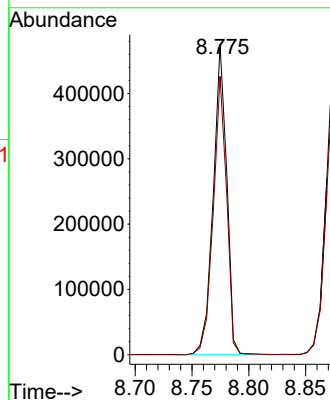
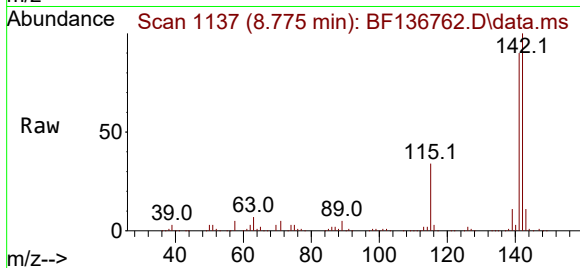
SSTDCCC040

Tgt Ion:142 Resp: 390985

Ion Ratio Lower Upper

142 100

141 89.7 71.1 106.7



#38

1-Methylnaphthalene

Concen: 38.882 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136762.D

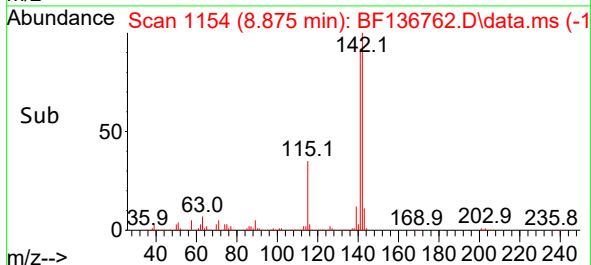
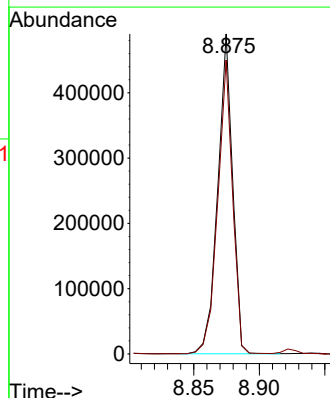
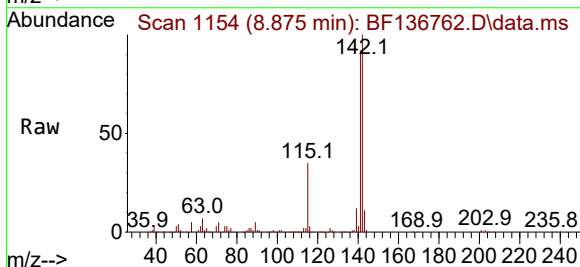
Acq: 27 Dec 2023 17:18

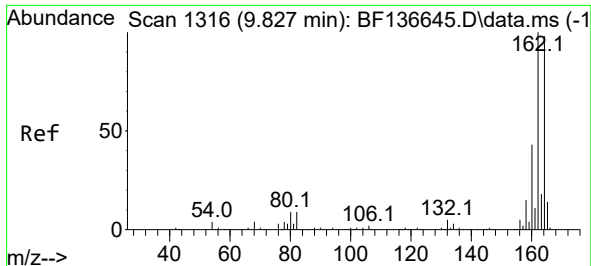
Tgt Ion:142 Resp: 384981

Ion Ratio Lower Upper

142 100

141 91.9 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

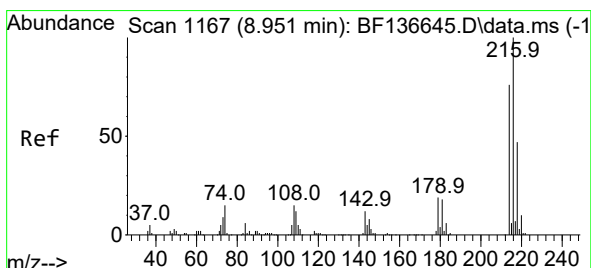
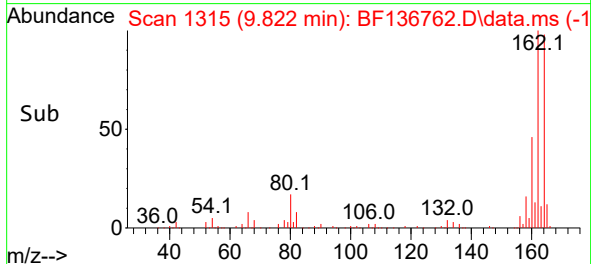
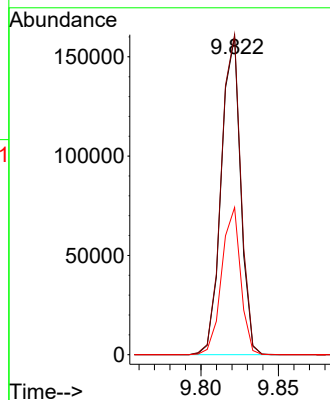
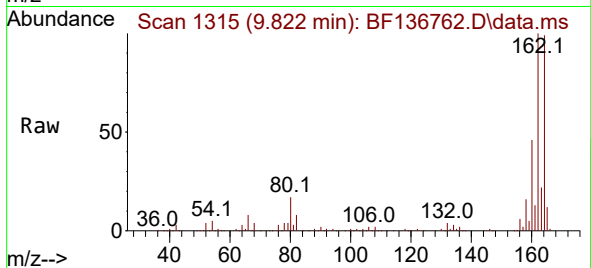
Tgt Ion:164 Resp: 138803

Ion Ratio Lower Upper

164 100

162 100.7 81.6 122.4

160 46.3 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.691 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

Tgt Ion:216 Resp: 183515

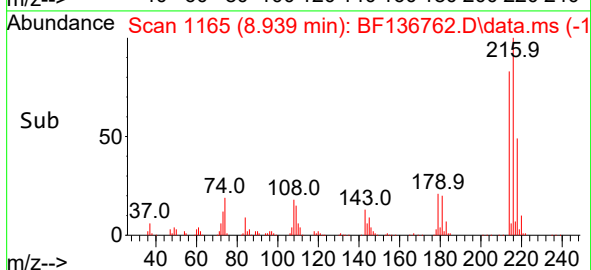
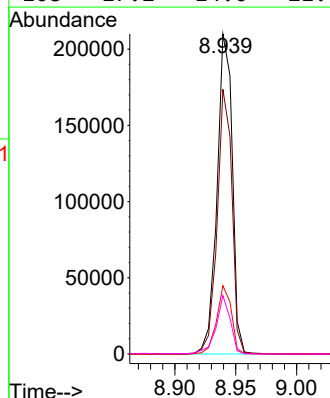
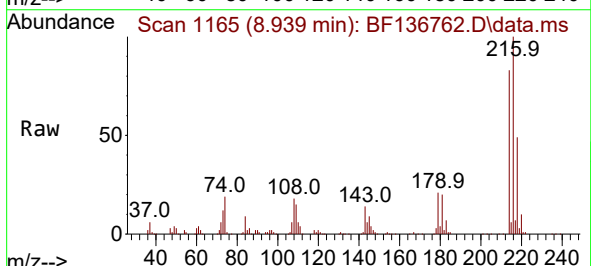
Ion Ratio Lower Upper

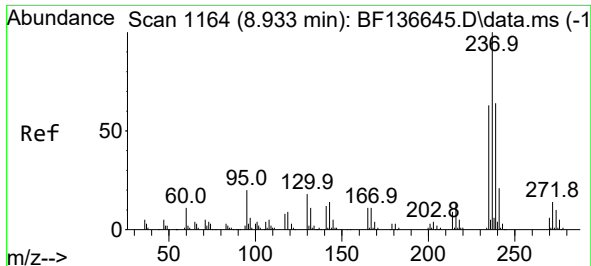
216 100

214 79.9 62.3 93.5

179 20.6 16.4 24.6

108 17.2 14.0 21.0

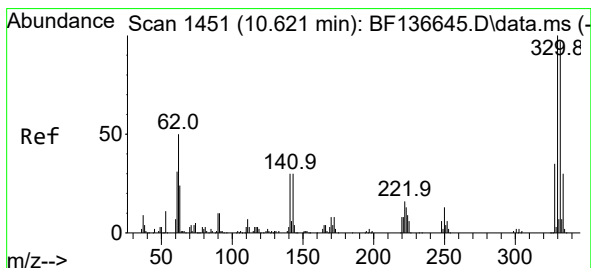
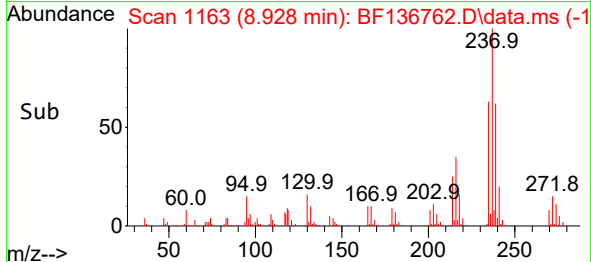
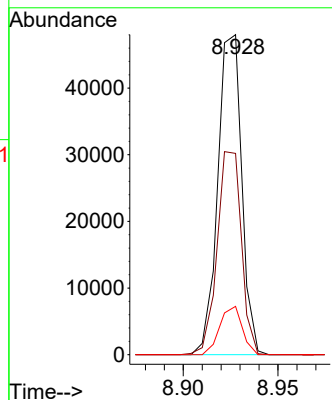
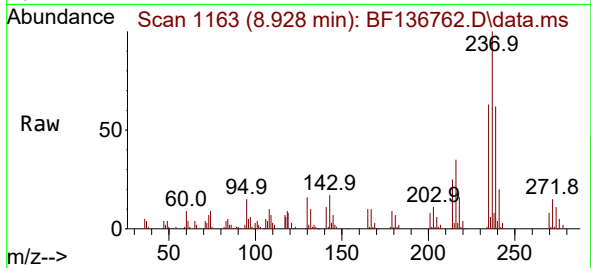




#41
Hexachlorocyclopentadiene
Concen: 33.880 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

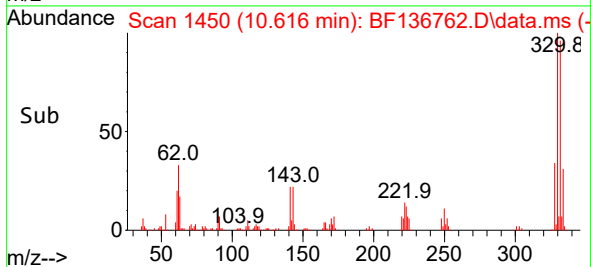
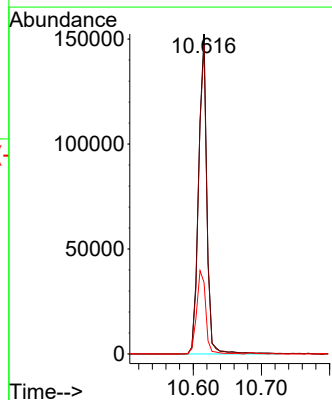
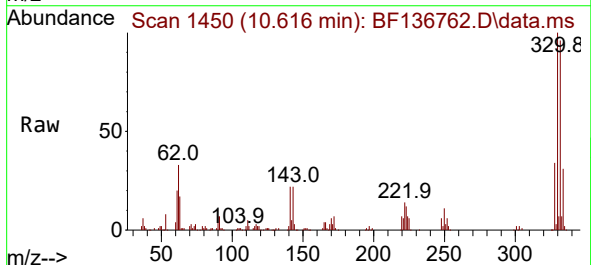
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

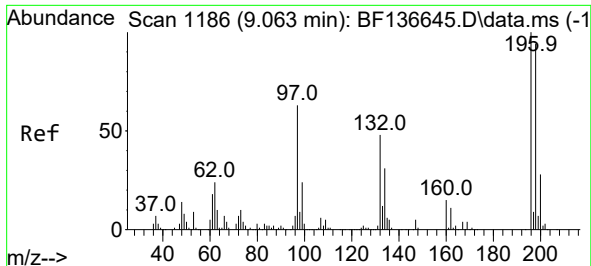
Tgt Ion:237 Resp: 42314
Ion Ratio Lower Upper
237 100
235 62.9 43.2 83.2
272 15.1 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 78.101 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

Tgt Ion:330 Resp: 127673
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 28.6 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 41.752 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

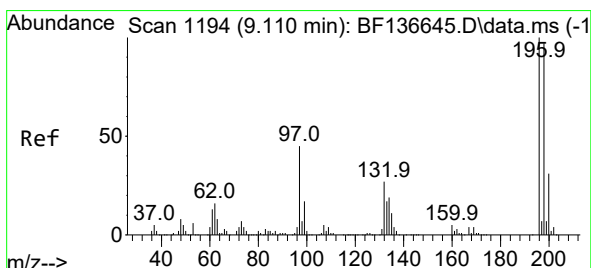
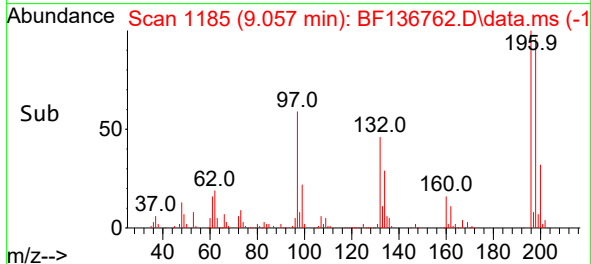
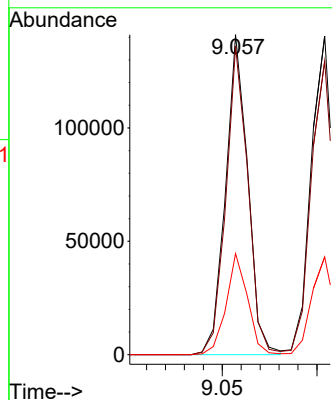
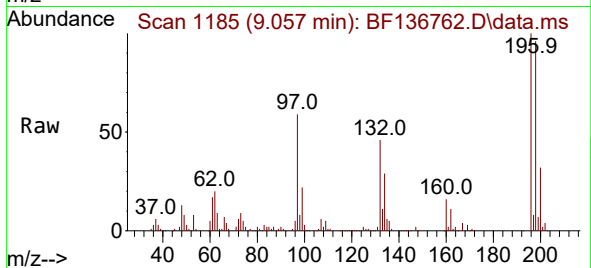
Tgt Ion:196 Resp: 115102

Ion Ratio Lower Upper

196 100

198 96.4 75.1 112.7

200 31.6 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 42.046 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

Tgt Ion:196 Resp: 129168

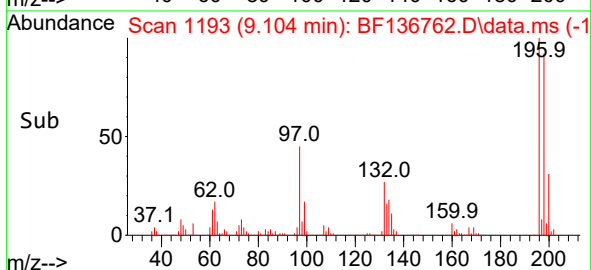
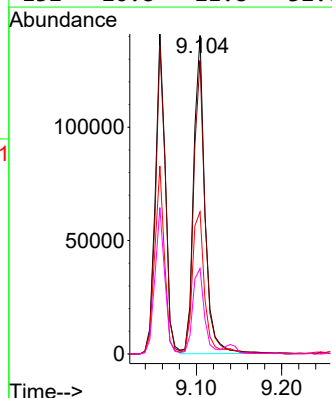
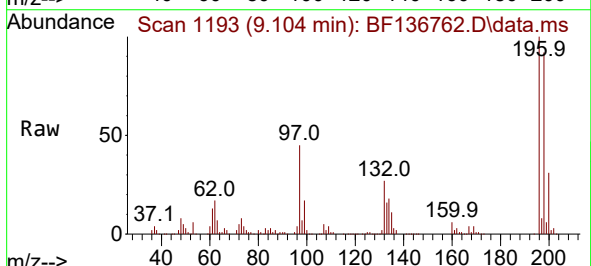
Ion Ratio Lower Upper

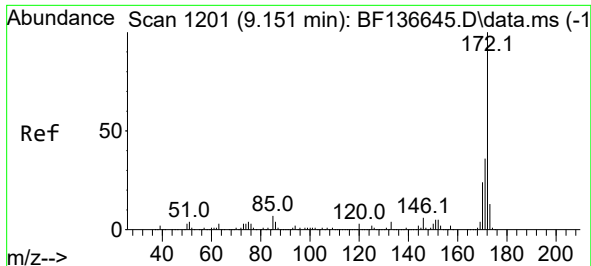
196 100

198 92.2 77.0 115.6

97 44.6 36.1 54.1

132 26.8 21.8 32.6

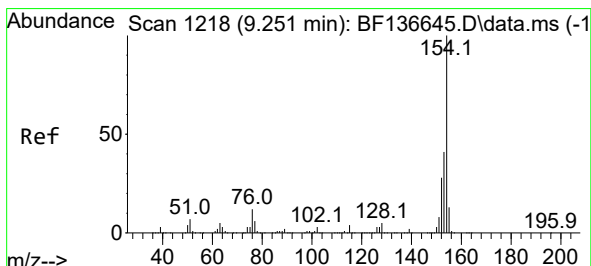
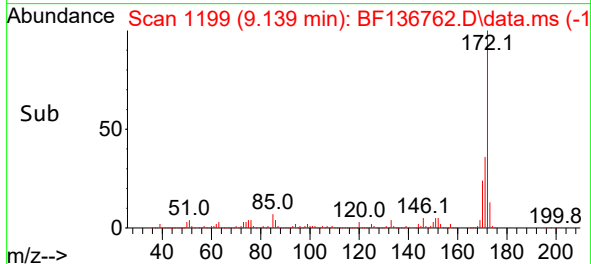
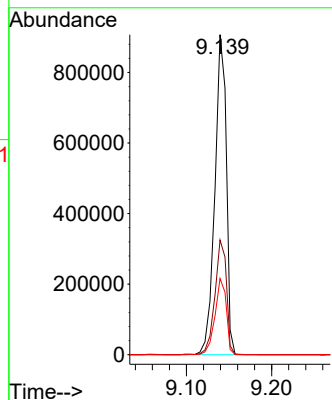
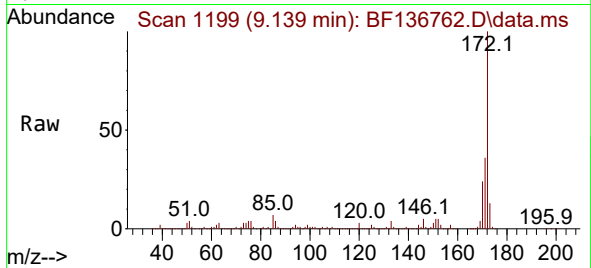




#45
2-Fluorobiphenyl
Concen: 82.269 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

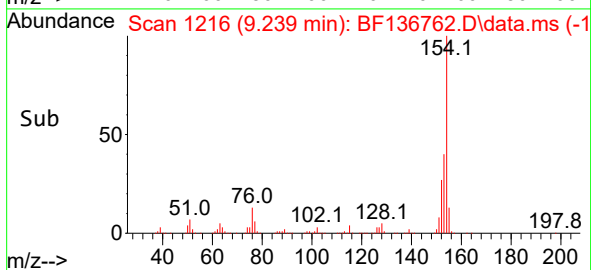
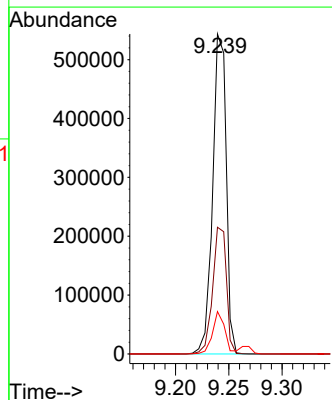
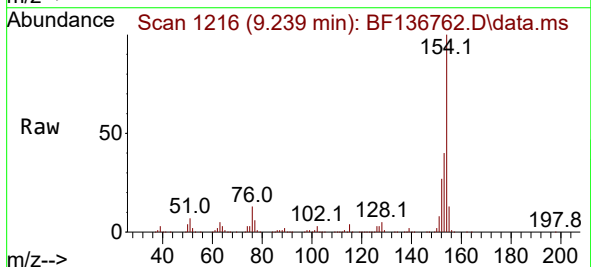
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

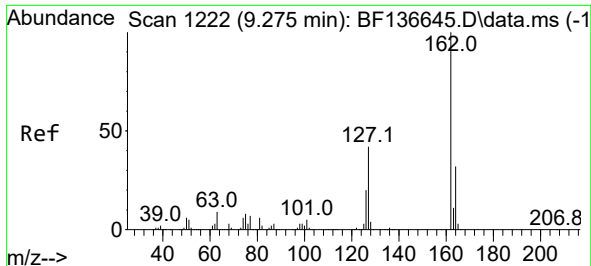
Tgt Ion:172 Resp: 849018
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.8 19.0 28.4



#46
1,1'-Biphenyl
Concen: 41.284 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

Tgt Ion:154 Resp: 480861
Ion Ratio Lower Upper
154 100
153 39.6 21.1 61.1
76 13.3 0.0 31.7





#47

2-Chloronaphthalene

Concen: 42.441 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

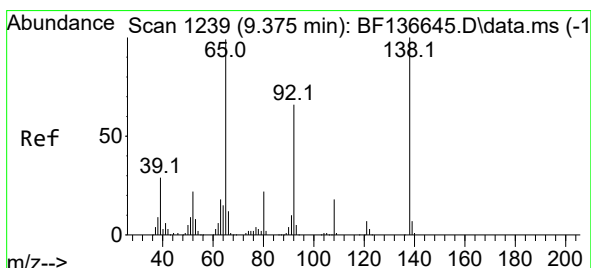
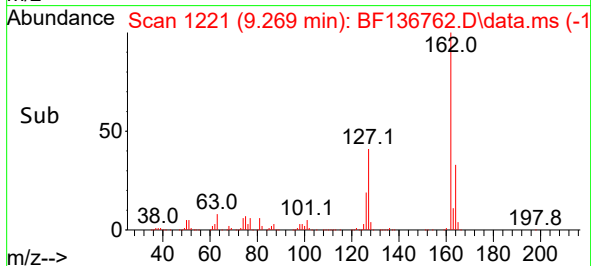
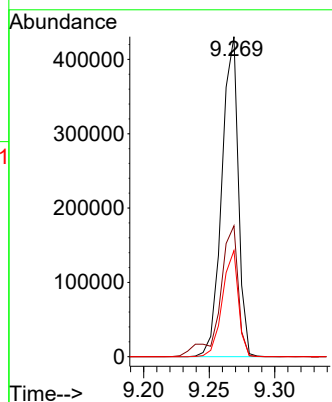
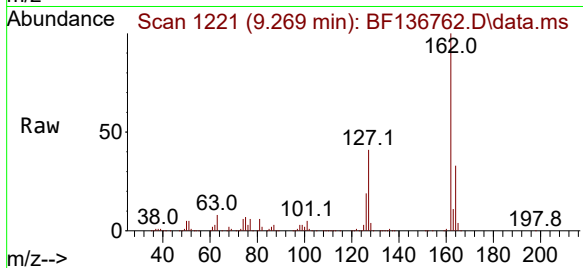
Tgt Ion:162 Resp: 375802

Ion Ratio Lower Upper

162 100

127 40.9 33.6 50.4

164 33.1 25.7 38.5



#48

2-Nitroaniline

Concen: 40.917 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

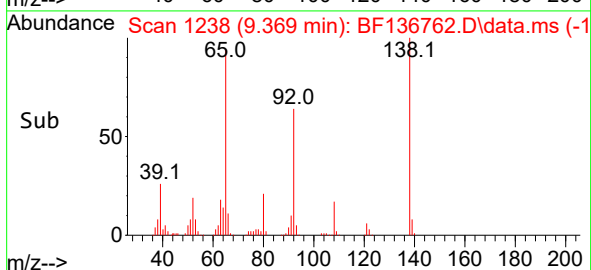
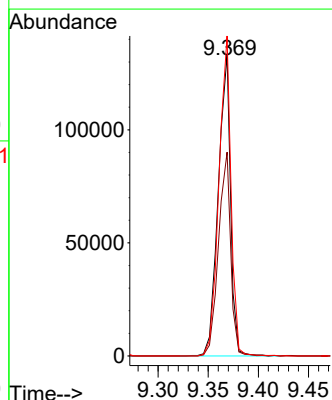
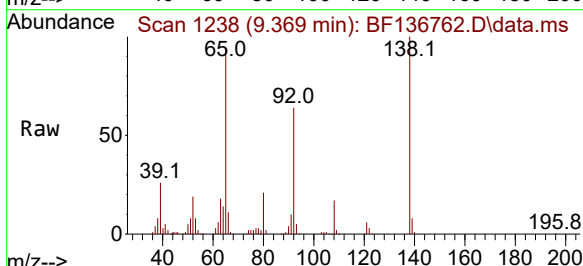
Tgt Ion: 65 Resp: 113458

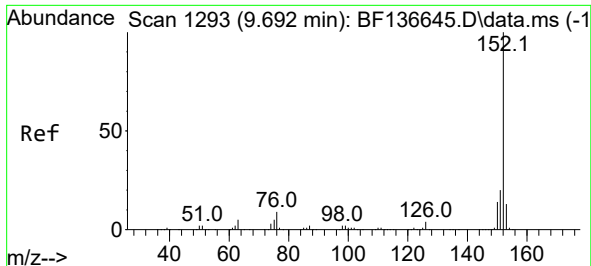
Ion Ratio Lower Upper

65 100

92 67.7 53.2 79.8

138 106.2 81.1 121.7





#49

Acenaphthylene

Concen: 40.915 ng

RT: 9.681 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

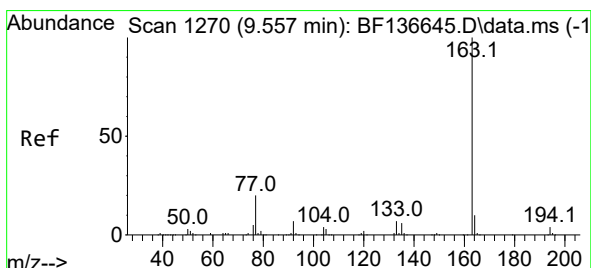
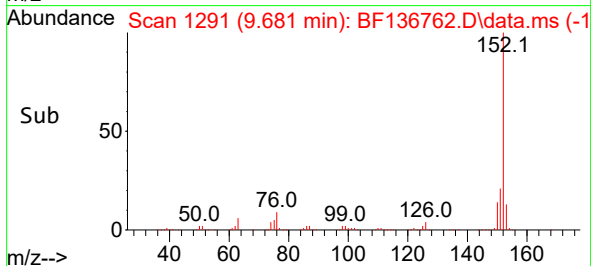
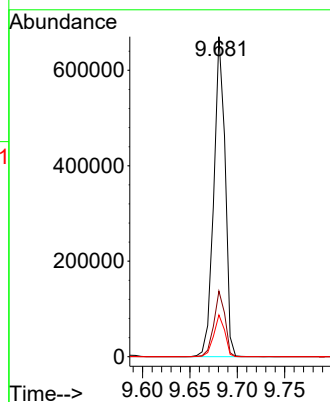
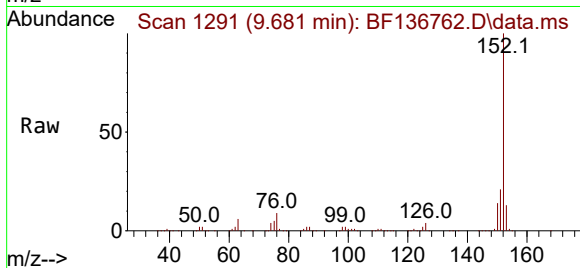
Tgt Ion:152 Resp: 553756

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 13.0 10.2 15.2



#50

Dimethylphthalate

Concen: 39.473 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

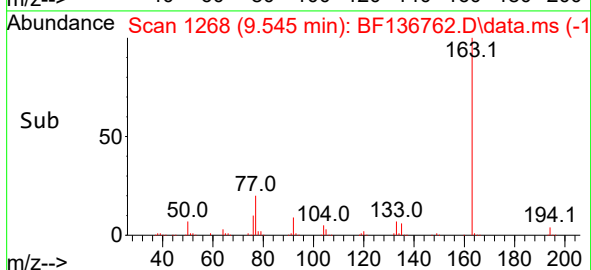
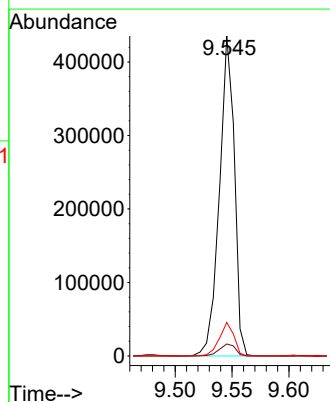
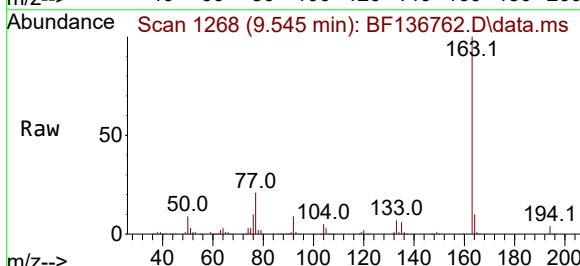
Tgt Ion:163 Resp: 400202

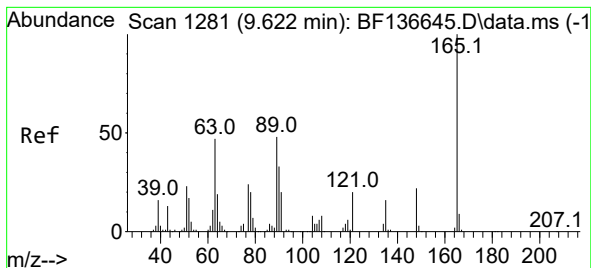
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.5 7.8 11.6

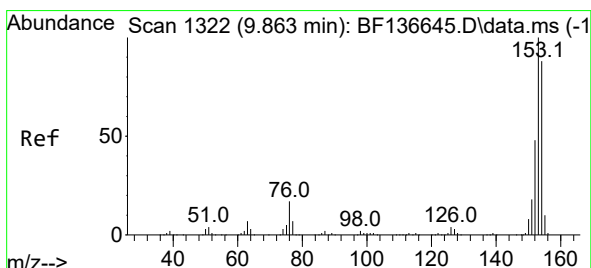
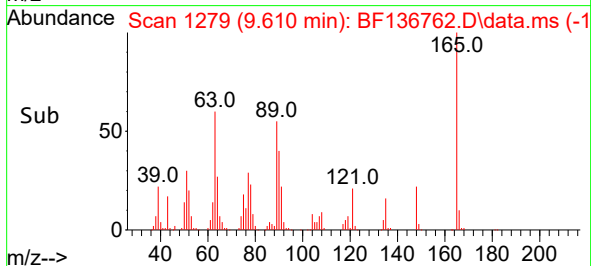
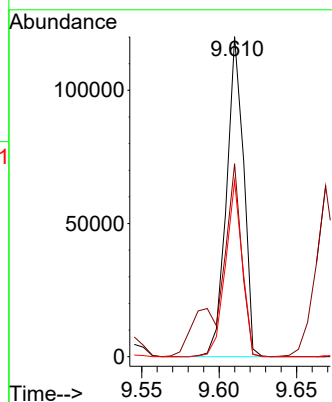
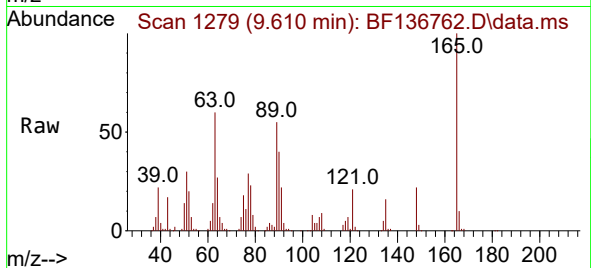




#51
2,6-Dinitrotoluene
Concen: 40.202 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

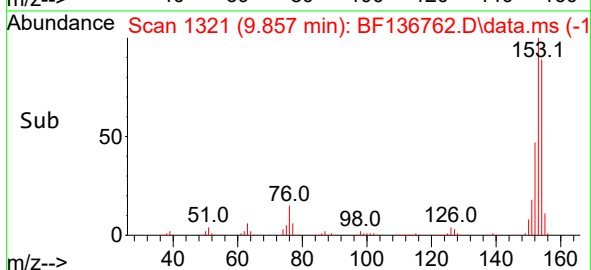
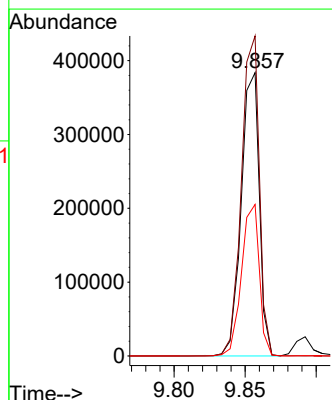
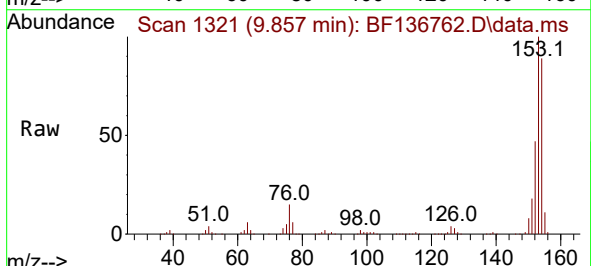
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

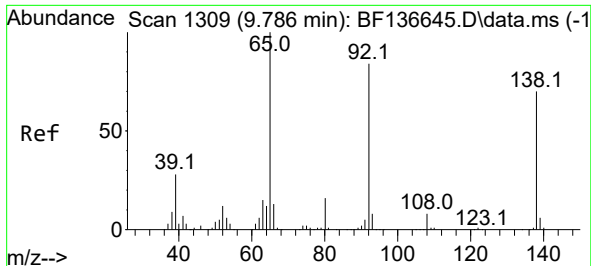
Tgt Ion:165 Resp: 92502
Ion Ratio Lower Upper
165 100
63 60.3 39.8 59.6#
89 55.0 38.8 58.2



#52
Acenaphthene
Concen: 40.503 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

Tgt Ion:154 Resp: 339811
Ion Ratio Lower Upper
154 100
153 112.9 90.7 136.1
152 53.5 43.7 65.5

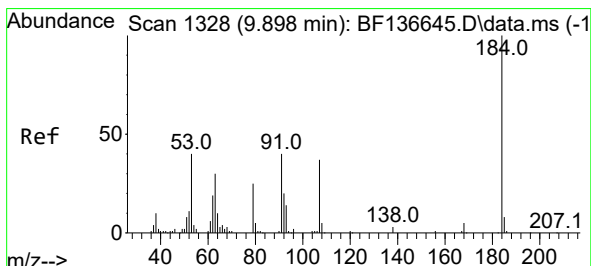
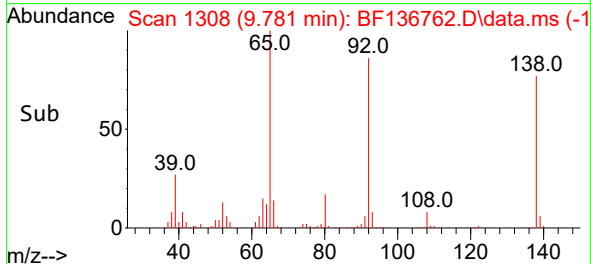
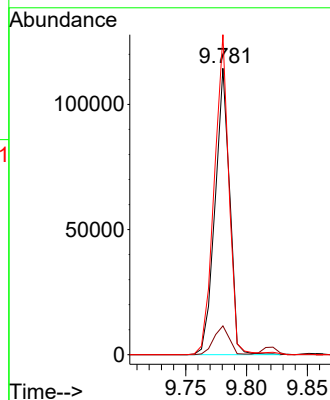
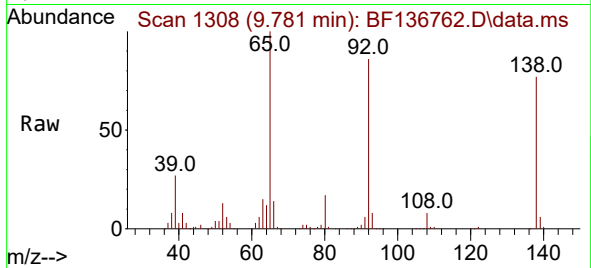




#53
3-Nitroaniline
Concen: 39.122 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

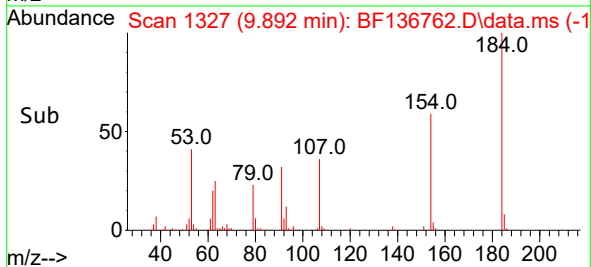
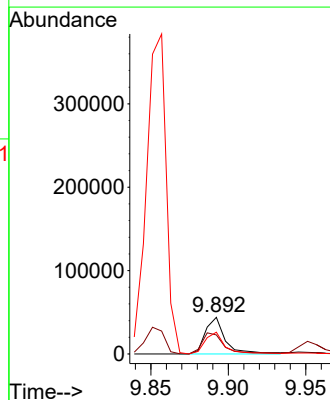
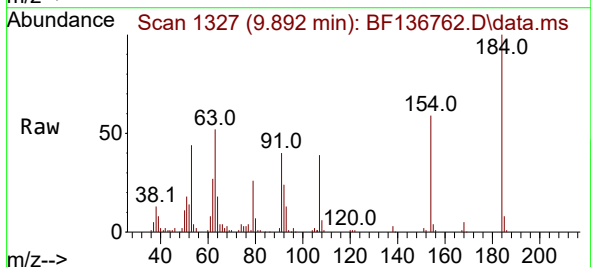
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

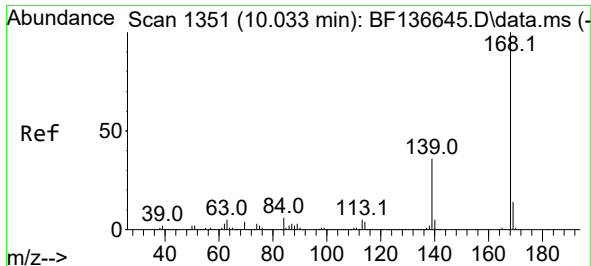
Tgt Ion:138 Resp: 95356
Ion Ratio Lower Upper
138 100
108 10.0 8.6 12.8
92 111.8 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 33.153 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

Tgt Ion:184 Resp: 39352
Ion Ratio Lower Upper
184 100
63 52.0 40.9 61.3
154 59.2 42.7 64.1

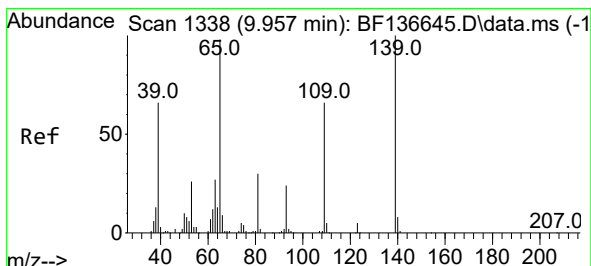
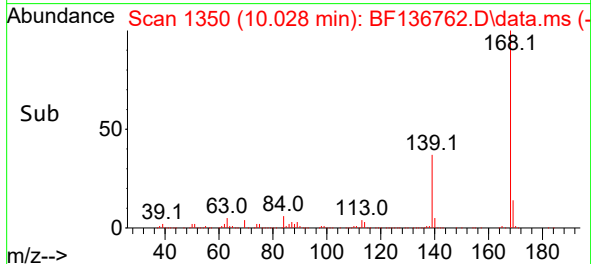
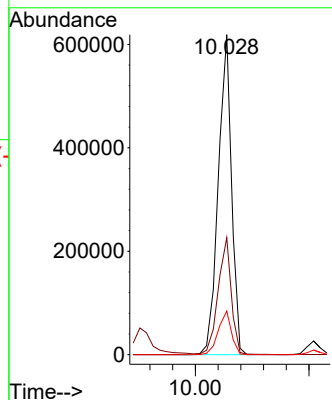
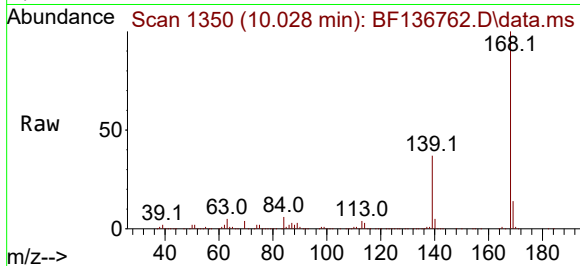




#55
Dibenzenofuran
Concen: 39.512 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

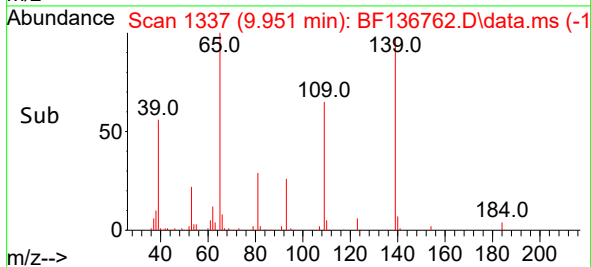
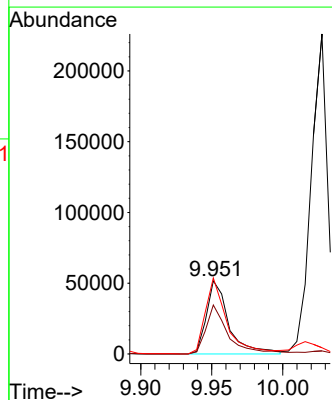
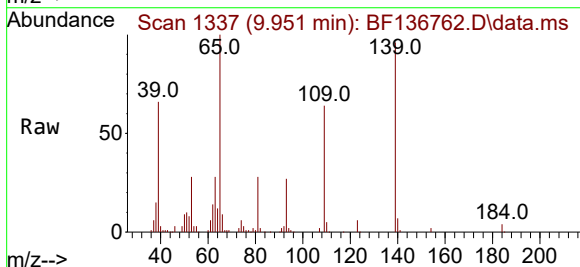
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

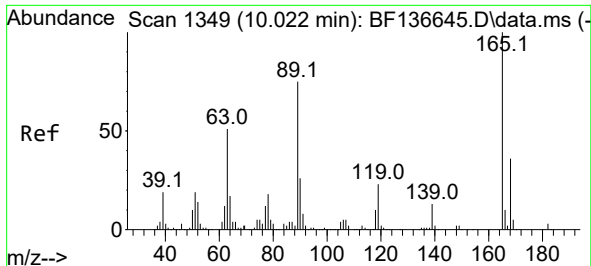
Tgt Ion:168 Resp: 502494
Ion Ratio Lower Upper
168 100
139 36.5 29.3 43.9
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 34.540 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

Tgt Ion:139 Resp: 56833
Ion Ratio Lower Upper
139 100
109 67.1 45.8 85.8
65 104.1 77.8 117.8

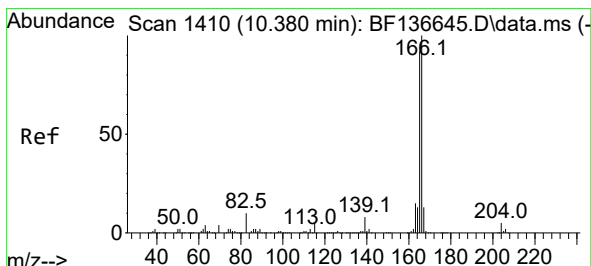
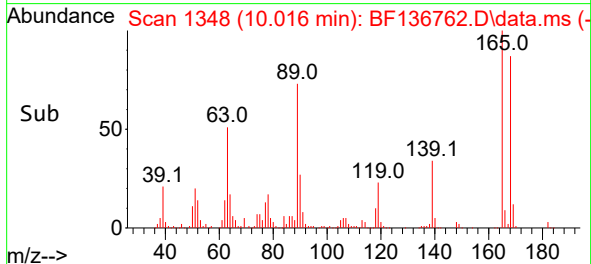
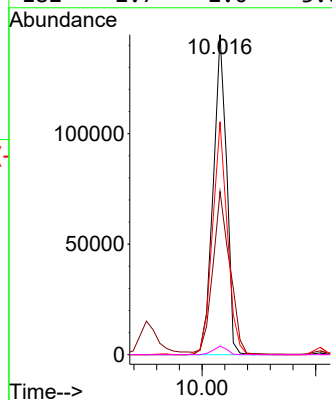
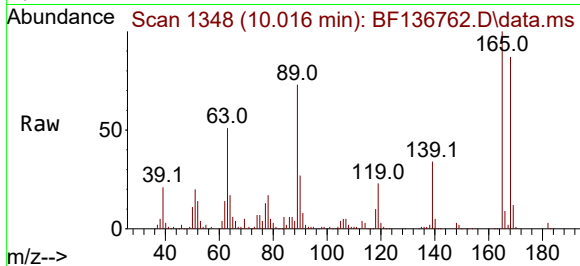




#57
2,4-Dinitrotoluene
Concen: 39.634 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

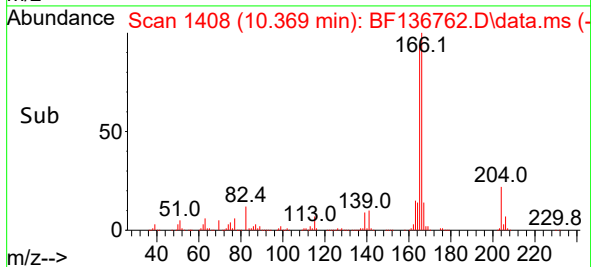
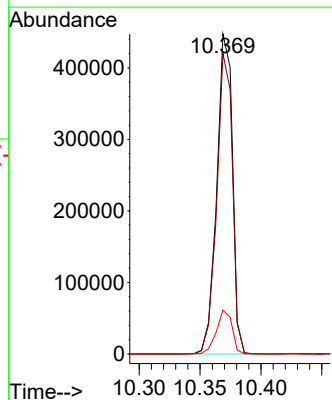
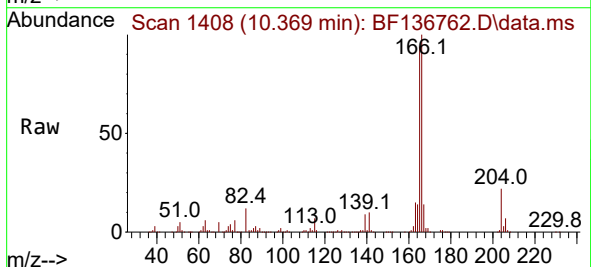
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

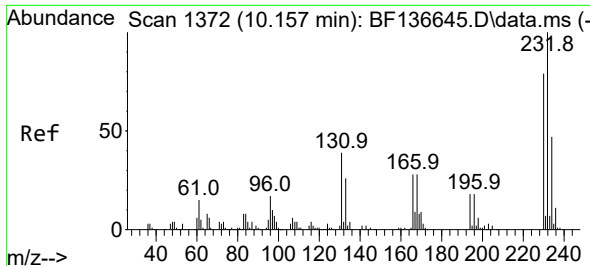
Tgt Ion:165 Resp: 118389
Ion Ratio Lower Upper
165 100
63 51.0 41.0 61.6
89 72.8 59.9 89.9
182 2.7 2.0 3.0



#58
Fluorene
Concen: 39.860 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

Tgt Ion:166 Resp: 402224
Ion Ratio Lower Upper
166 100
165 93.9 73.7 110.5
167 13.7 10.4 15.6

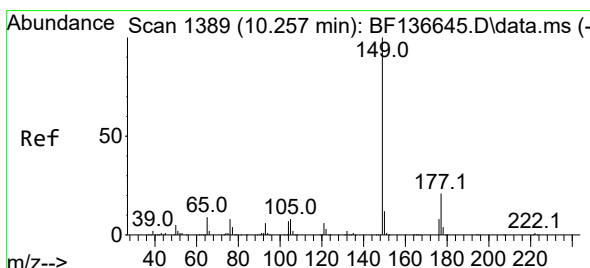
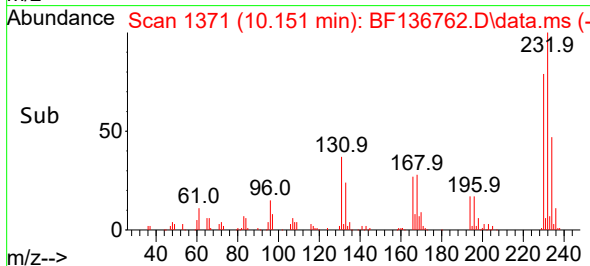
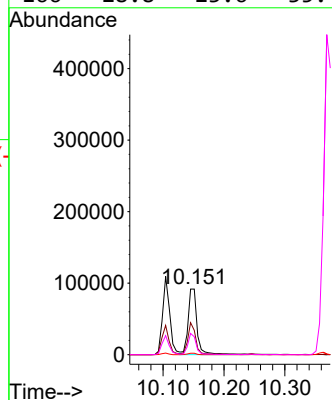
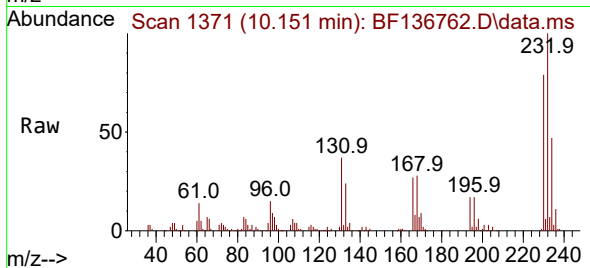




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.839 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

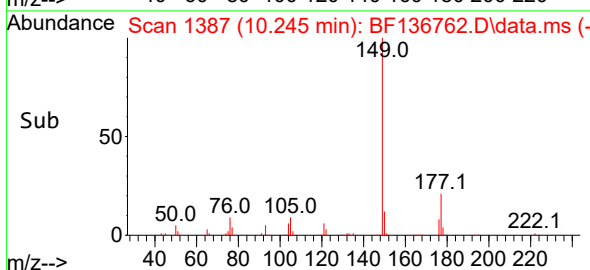
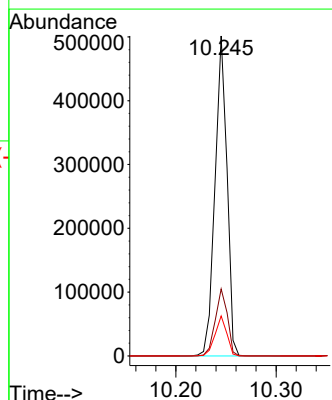
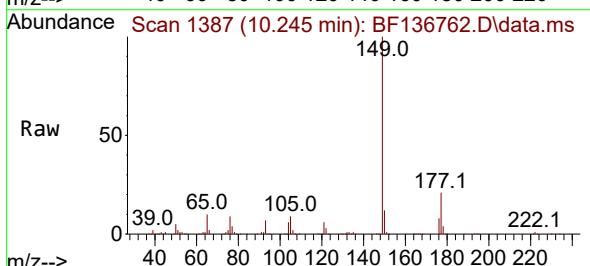
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

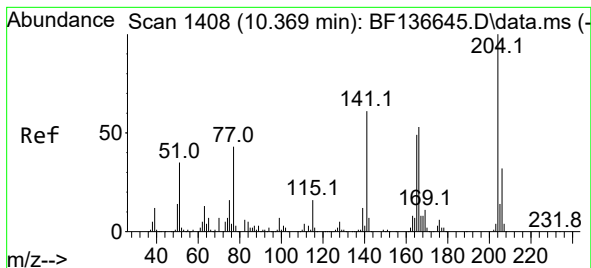
Tgt Ion:232 Resp: 94212
Ion Ratio Lower Upper
232 100
131 43.5 35.1 52.7
130 2.1 1.6 2.4
166 28.8 23.6 35.4



#60
Diethylphthalate
Concen: 39.379 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

Tgt Ion:149 Resp: 414245
Ion Ratio Lower Upper
149 100
177 20.9 16.9 25.3
150 12.5 9.3 13.9

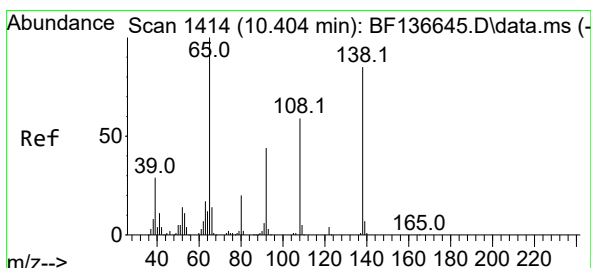
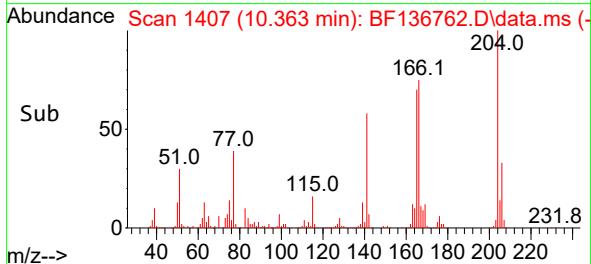
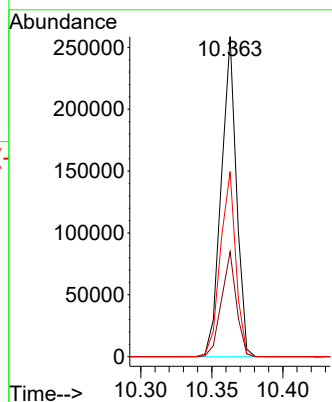
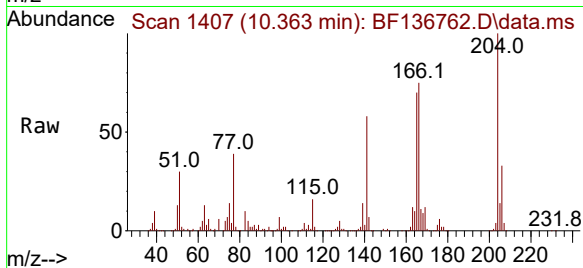




#61
4-Chlorophenyl-phenylether
Concen: 39.163 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

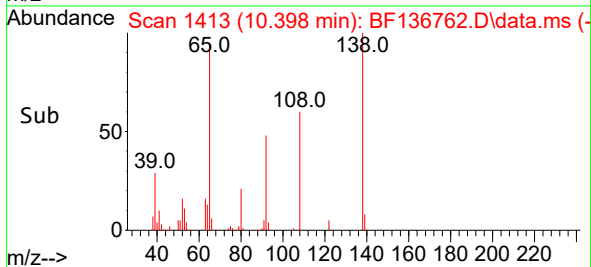
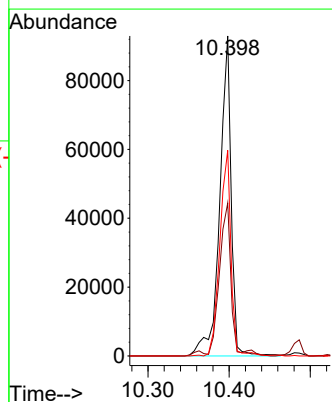
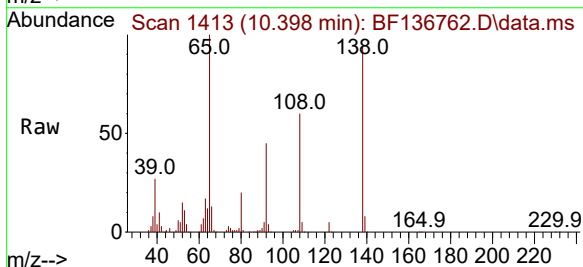
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

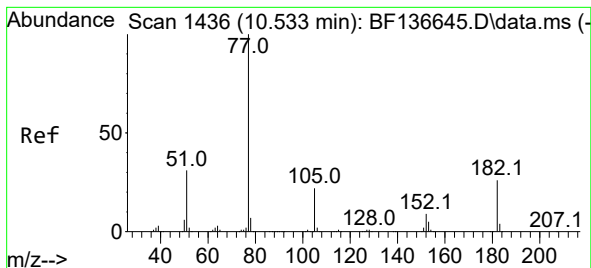
Tgt Ion:204 Resp: 192092
Ion Ratio Lower Upper
204 100
206 32.8 25.6 38.4
141 57.8 48.4 72.6



#62
4-Nitroaniline
Concen: 38.957 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

Tgt Ion:138 Resp: 91538
Ion Ratio Lower Upper
138 100
92 47.8 32.1 72.1
108 64.3 50.1 90.1





#63

Azobenzene

Concen: 38.425 ng

RT: 10.522 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 377526

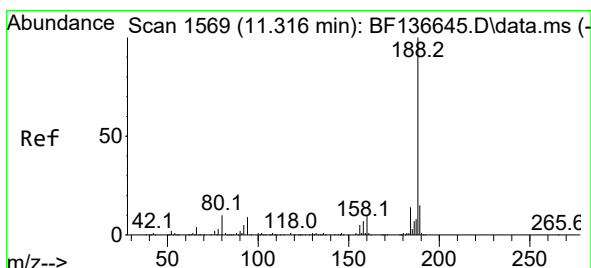
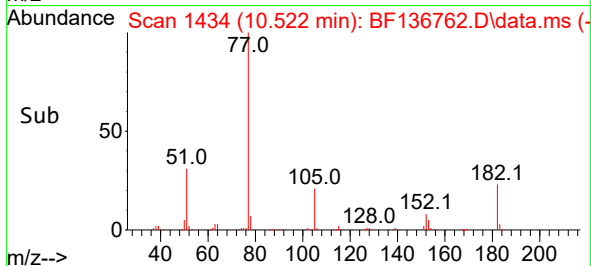
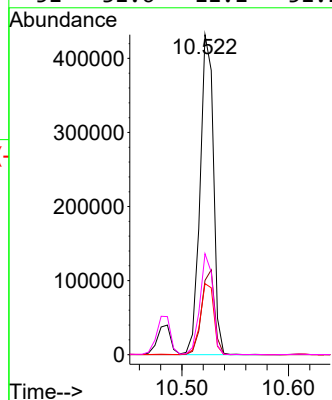
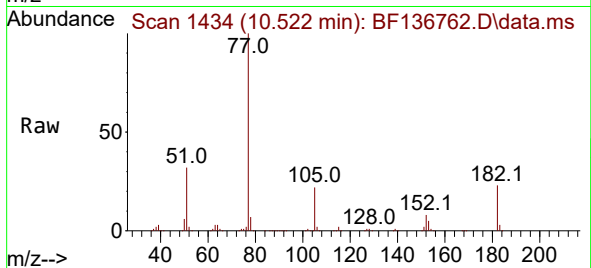
Ion Ratio Lower Upper

77 100

182 23.2 6.0 46.0

105 22.2 2.3 42.3

51 31.6 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

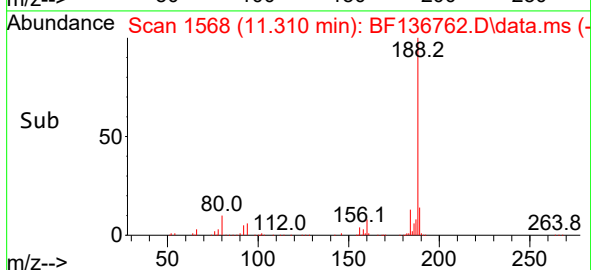
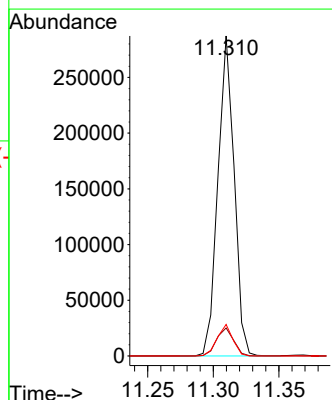
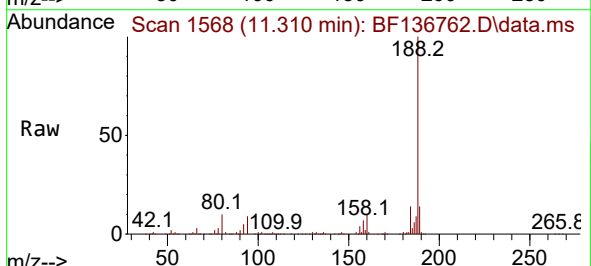
Tgt Ion:188 Resp: 247328

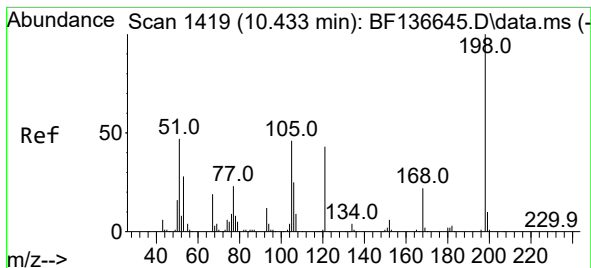
Ion Ratio Lower Upper

188 100

94 8.7 7.5 11.3

80 9.9 8.1 12.1

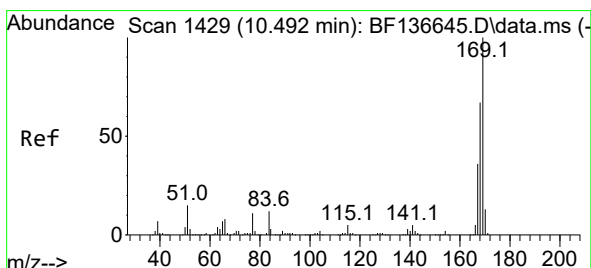
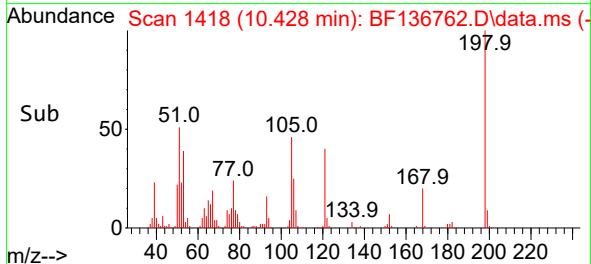
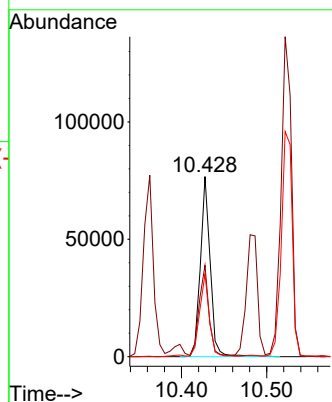
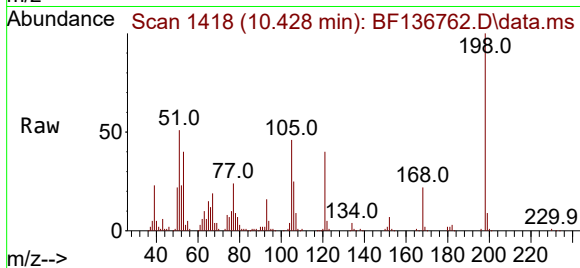




#65
4,6-Dinitro-2-methylphenol
Concen: 43.490 ng
RT: 10.428 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

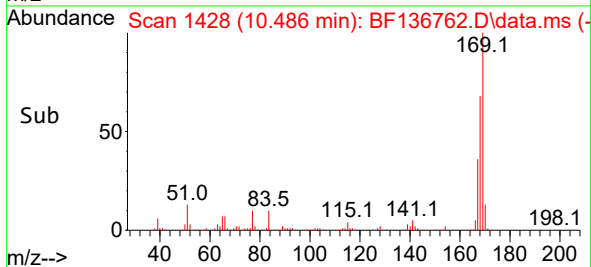
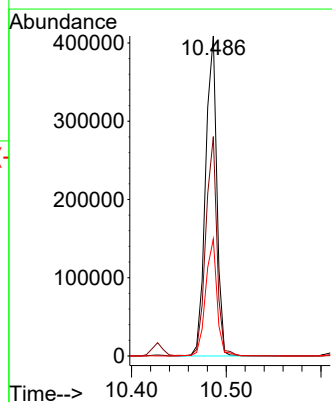
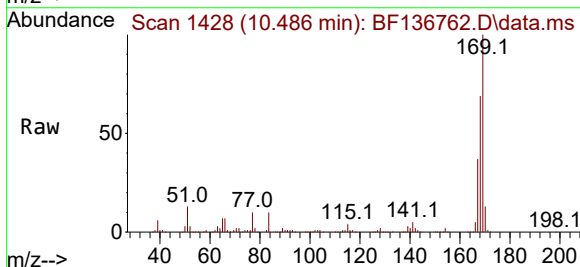
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

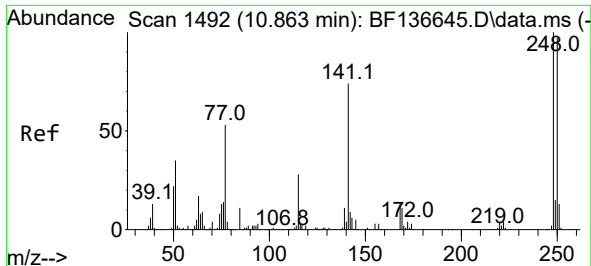
Tgt Ion:198 Resp: 61644
Ion Ratio Lower Upper
198 100
51 50.7 34.1 74.1
105 45.8 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 42.003 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

Tgt Ion:169 Resp: 337467
Ion Ratio Lower Upper
169 100
168 68.6 53.8 80.6
167 36.5 28.7 43.1

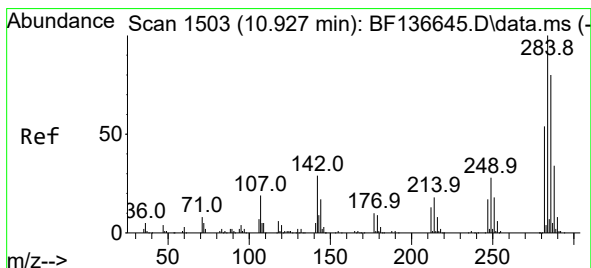
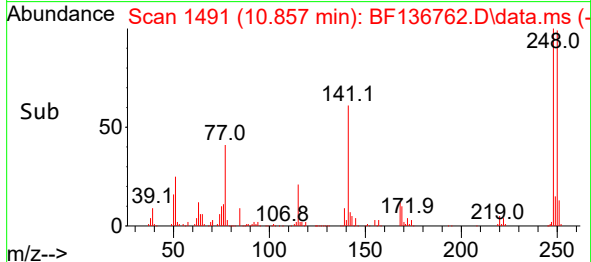
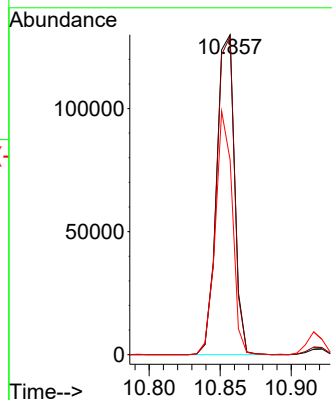
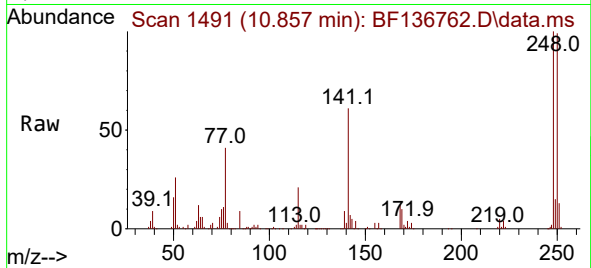




#67
4-Bromophenyl-phenylether
Concen: 41.519 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

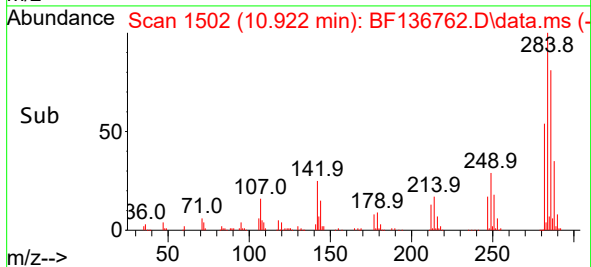
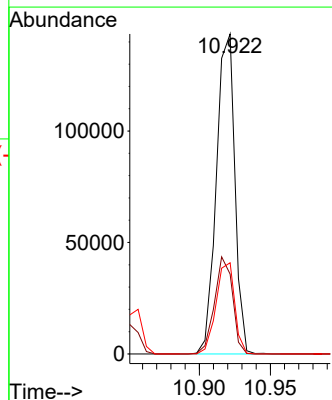
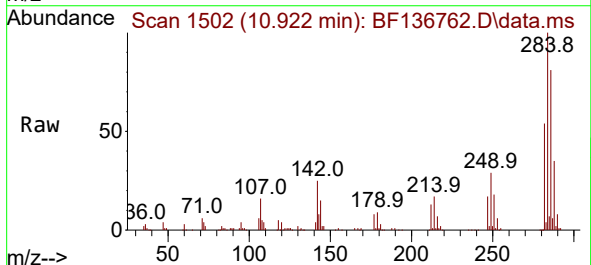
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

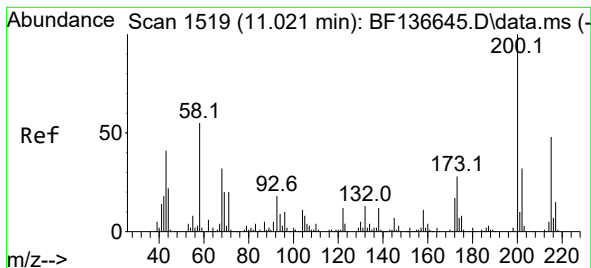
Tgt Ion:248 Resp: 114043
Ion Ratio Lower Upper
248 100
250 99.5 77.8 116.6
141 60.8 59.2 88.8



#68
Hexachlorobenzene
Concen: 42.334 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

Tgt Ion:284 Resp: 129586
Ion Ratio Lower Upper
284 100
142 25.0 23.4 35.0
249 28.5 22.3 33.5





#69

Atrazine

Concen: 42.163 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

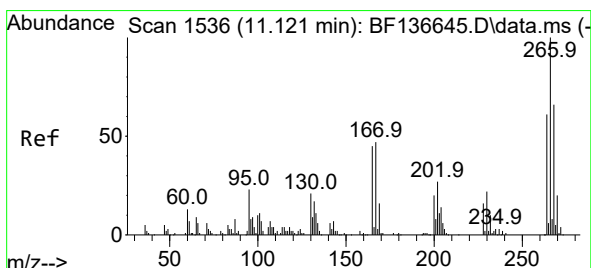
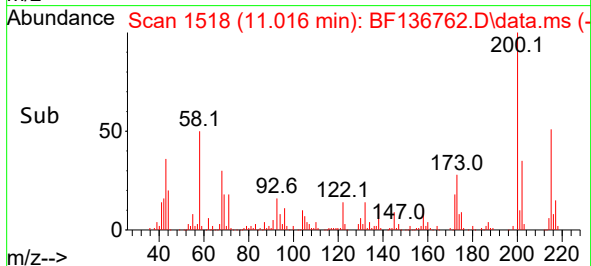
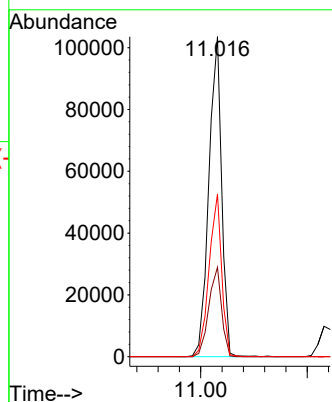
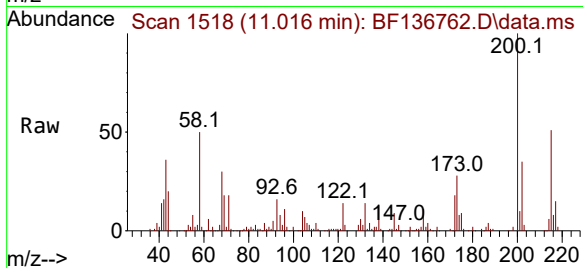
Tgt Ion:200 Resp: 86642

Ion Ratio Lower Upper

200 100

173 27.9 7.6 47.6

215 50.8 28.3 68.3



#70

Pentachlorophenol

Concen: 39.533 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

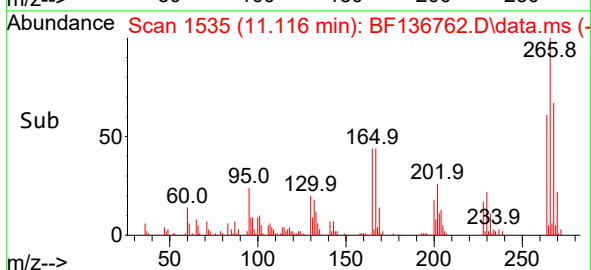
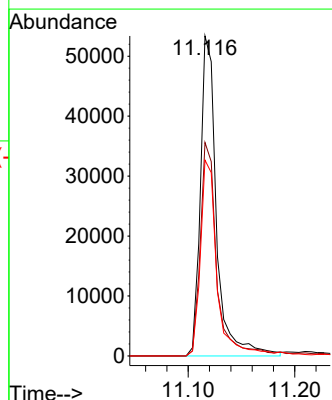
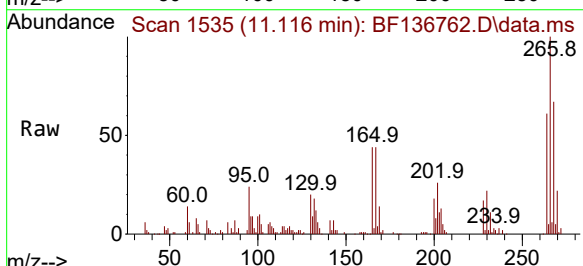
Tgt Ion:266 Resp: 56405

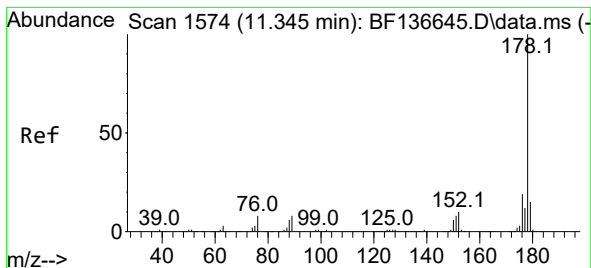
Ion Ratio Lower Upper

266 100

268 66.7 52.6 78.8

264 61.2 49.0 73.4





#71

Phenanthrene

Concen: 41.713 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

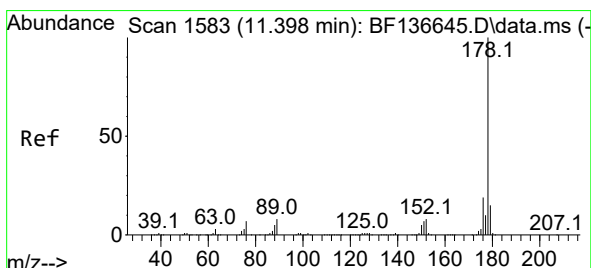
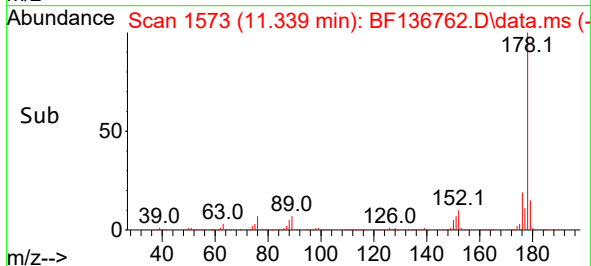
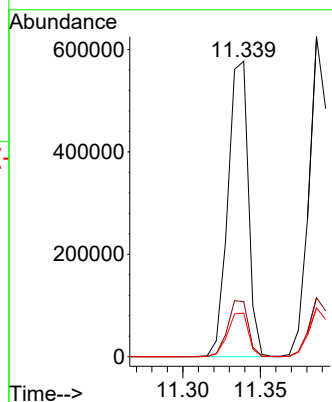
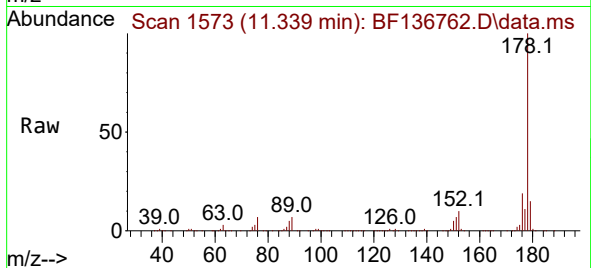
Tgt Ion:178 Resp: 529360

Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

179 14.7 11.9 17.9



#72

Anthracene

Concen: 41.127 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

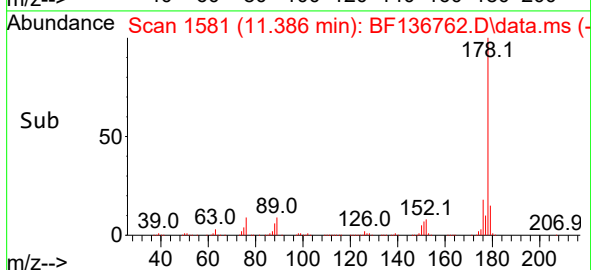
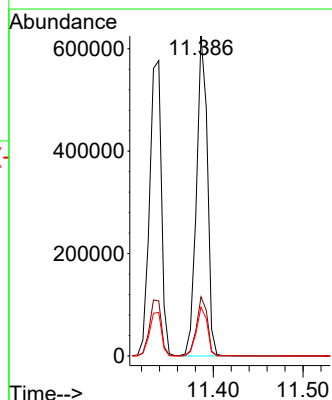
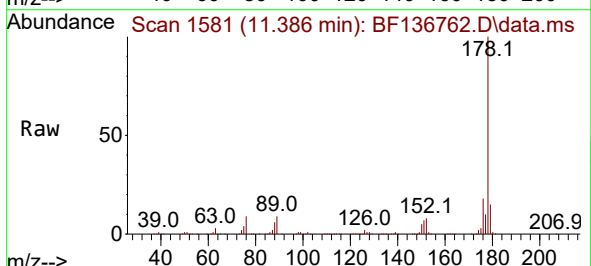
Tgt Ion:178 Resp: 528572

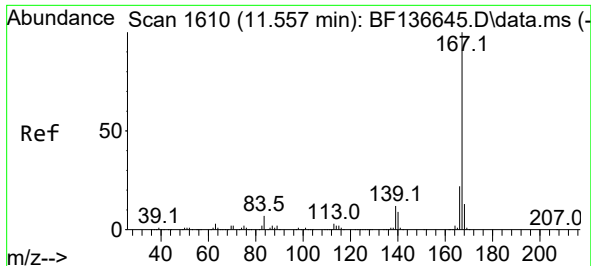
Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

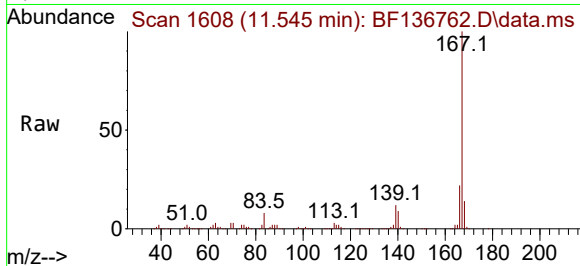
179 15.3 11.8 17.6



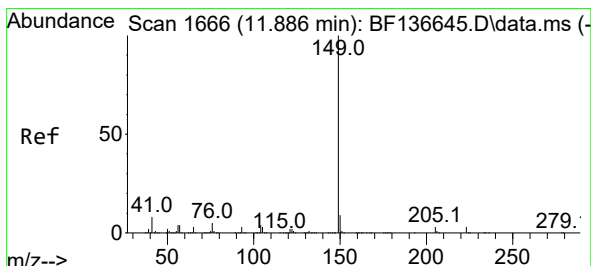
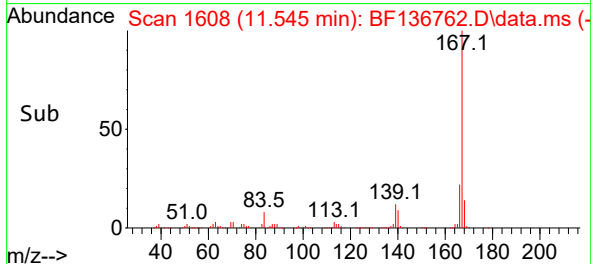
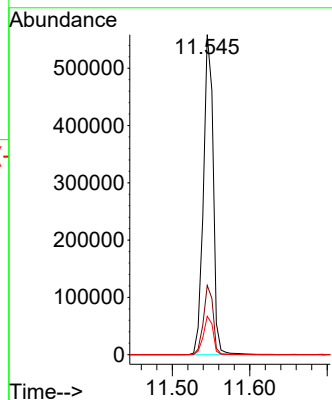


#73
 Carbazole
 Concen: 40.446 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. -0.012 min
 Lab File: BF136762.D
 Acq: 27 Dec 2023 17:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

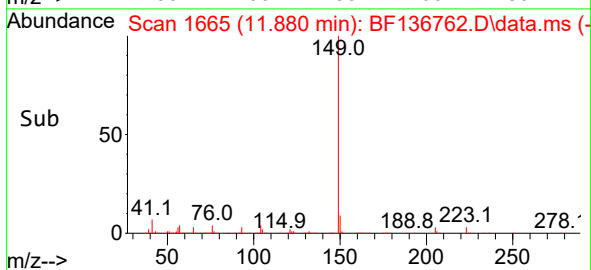
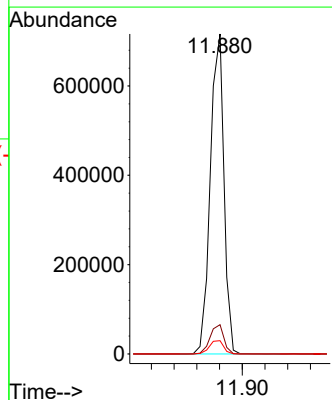
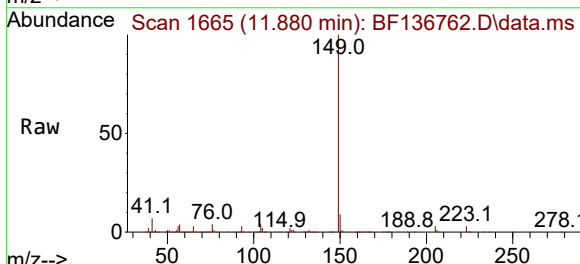


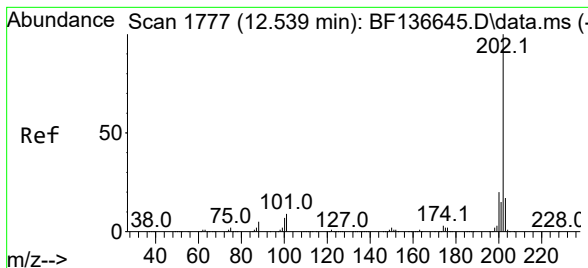
Tgt Ion:167 Resp: 490093
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 12.0 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 40.255 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136762.D
 Acq: 27 Dec 2023 17:18

Tgt Ion:149 Resp: 595202
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.2 3.6 5.4





#75

Fluoranthene

Concen: 39.362 ng

RT: 12.527 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

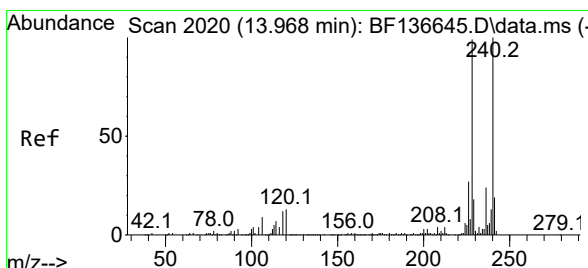
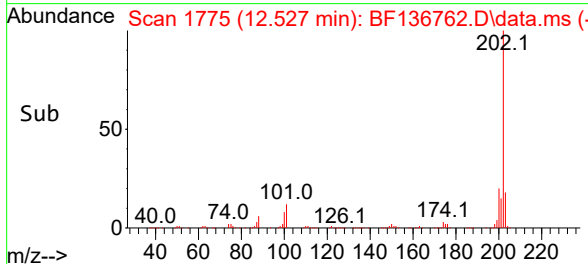
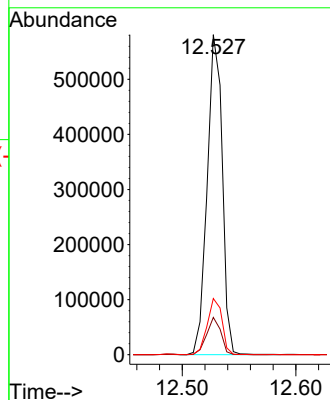
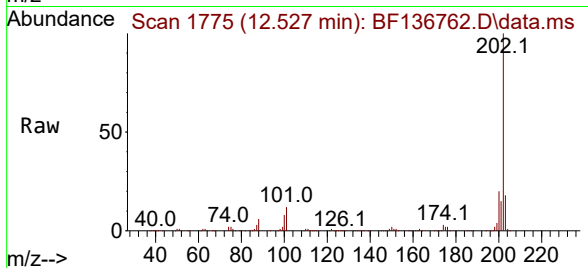
Tgt Ion:202 Resp: 534321

Ion Ratio Lower Upper

202 100

101 11.7 0.0 29.3

203 17.5 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

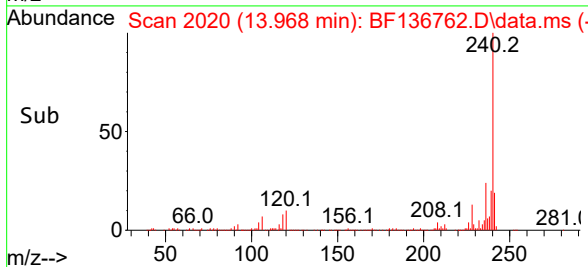
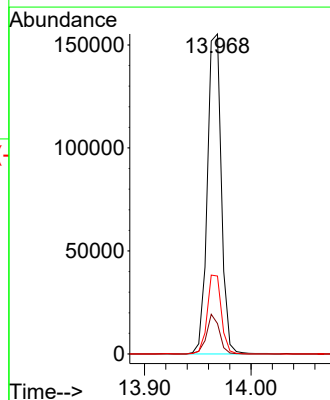
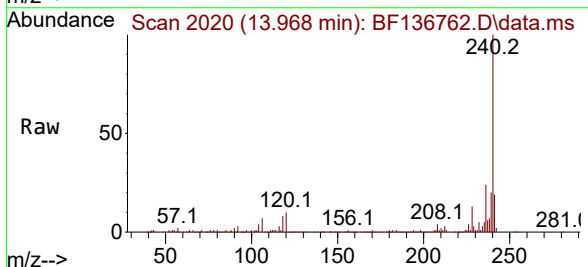
Tgt Ion:240 Resp: 142131

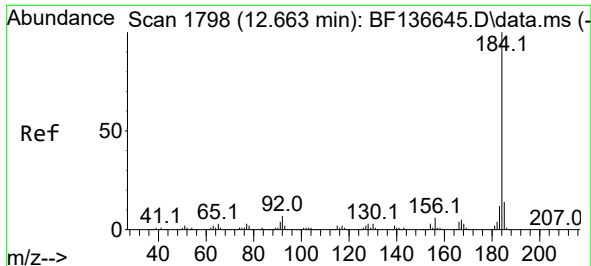
Ion Ratio Lower Upper

240 100

120 9.5 10.3 15.5#

236 24.3 19.4 29.2

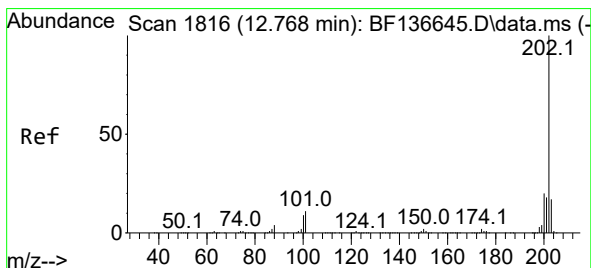
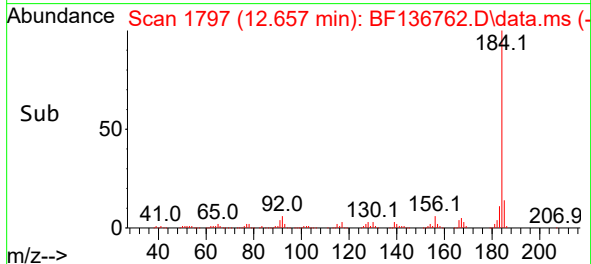
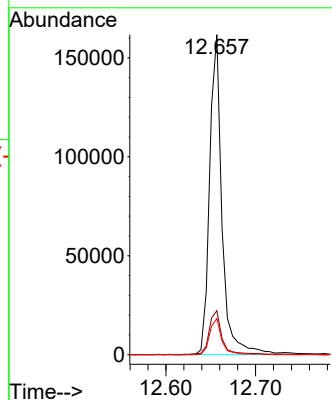
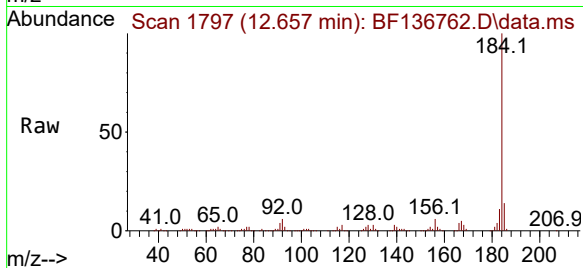




#77
Benzidine
Concen: 36.929 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

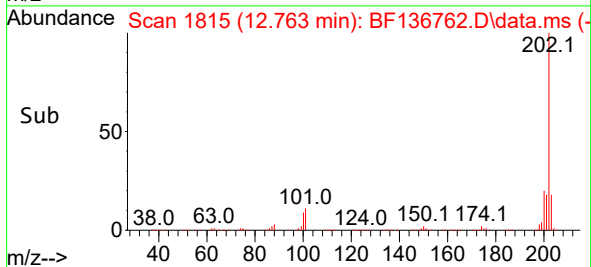
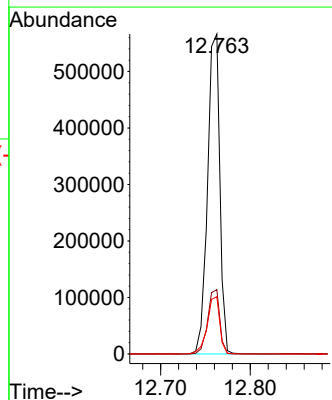
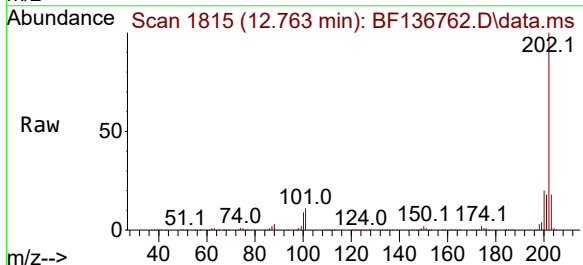
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

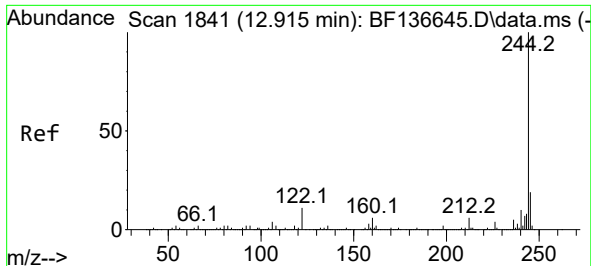
Tgt Ion:184 Resp: 154765
Ion Ratio Lower Upper
184 100
185 13.7 11.2 16.8
183 11.3 9.3 13.9



#78
Pyrene
Concen: 38.632 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

Tgt Ion:202 Resp: 539008
Ion Ratio Lower Upper
202 100
200 20.1 15.9 23.9
203 17.9 13.8 20.6

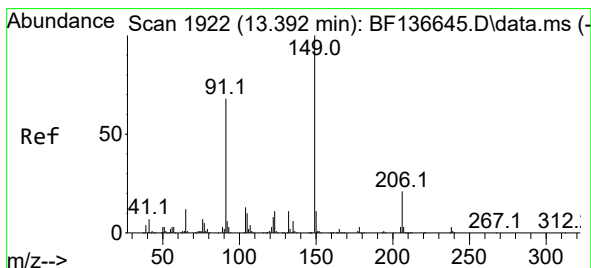
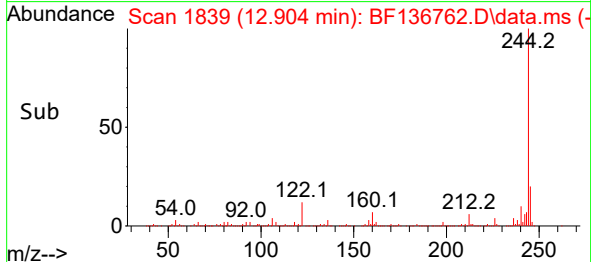
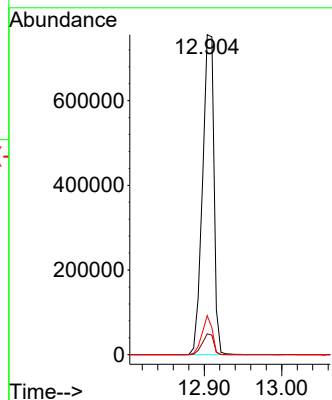
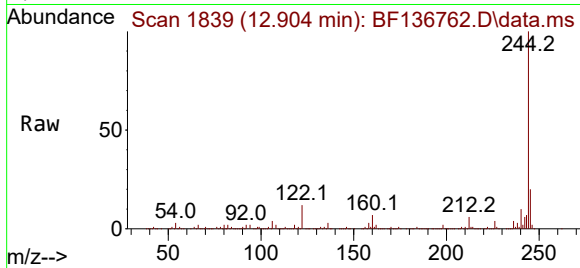




#79
 Terphenyl-d14
 Concen: 76.153 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136762.D
 Acq: 27 Dec 2023 17:18

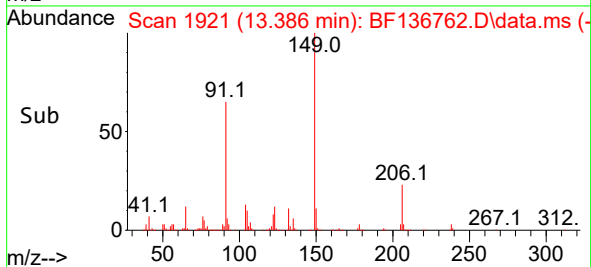
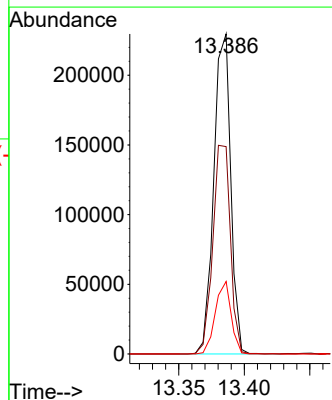
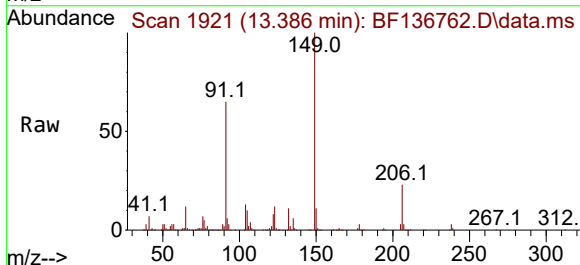
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

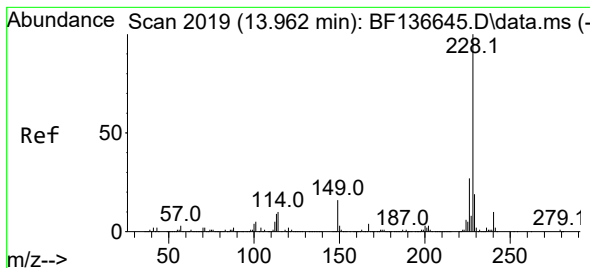
Tgt Ion:244 Resp: 774525
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 12.2 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 40.594 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136762.D
 Acq: 27 Dec 2023 17:18

Tgt Ion:149 Resp: 206091
 Ion Ratio Lower Upper
 149 100
 91 64.8 54.1 81.1
 206 22.7 17.1 25.7





#81

Benzo(a)anthracene

Concen: 41.071 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

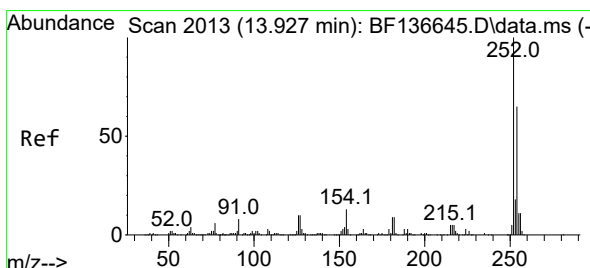
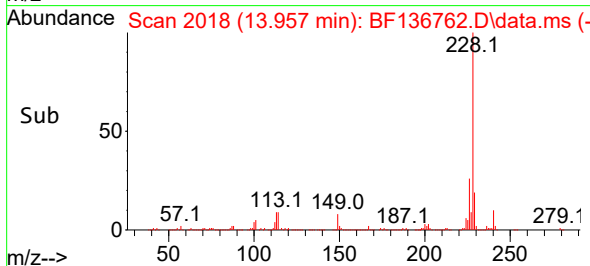
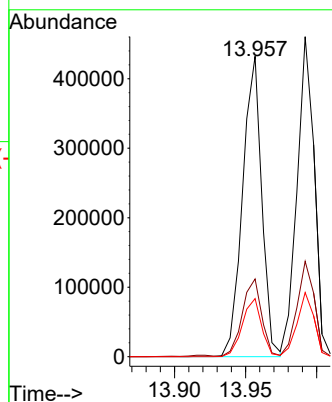
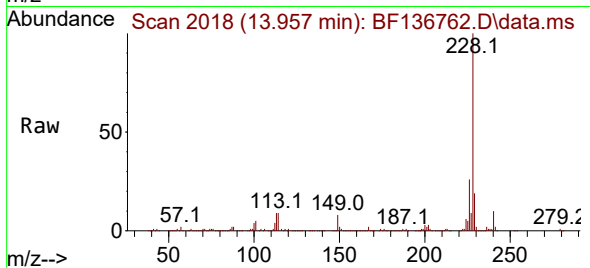
Tgt Ion:228 Resp: 405342

Ion Ratio Lower Upper

228 100

226 25.9 21.4 32.0

229 19.3 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 44.859 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

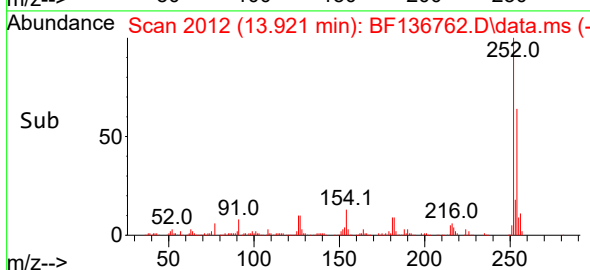
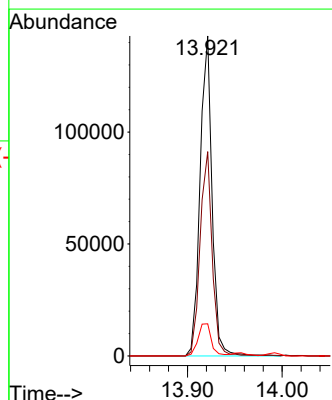
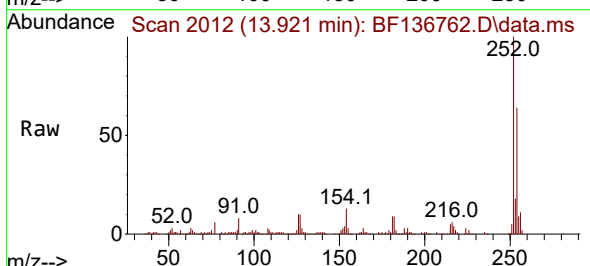
Tgt Ion:252 Resp: 125733

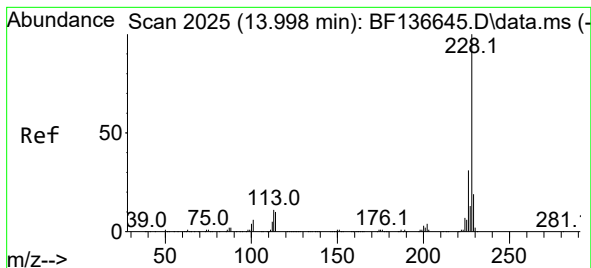
Ion Ratio Lower Upper

252 100

254 63.9 52.2 78.4

126 10.1 8.0 12.0





#83

Chrysene

Concen: 40.352 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

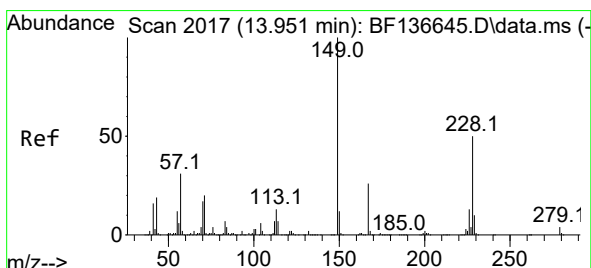
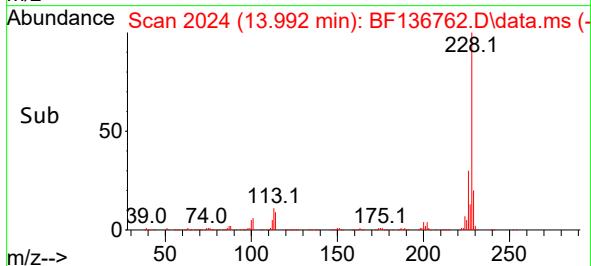
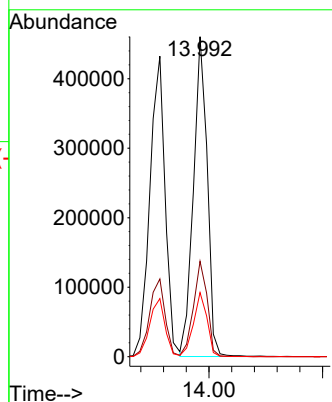
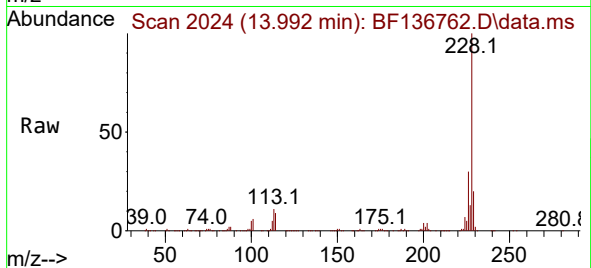
Tgt Ion:228 Resp: 389452

Ion Ratio Lower Upper

228 100

226 29.8 24.7 37.1

229 20.0 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.948 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

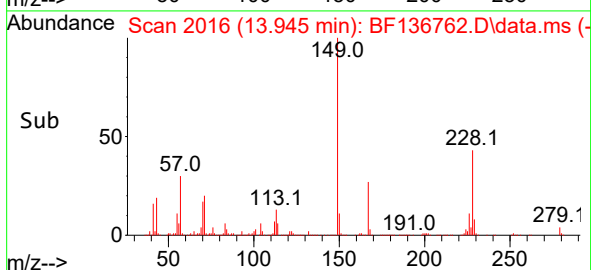
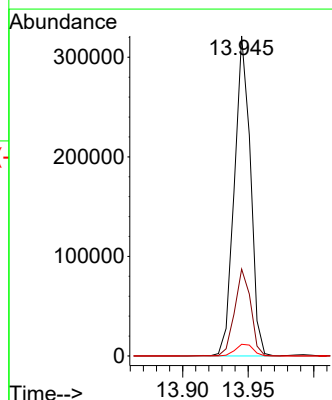
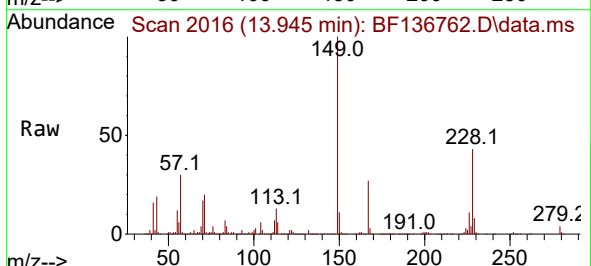
Tgt Ion:149 Resp: 274342

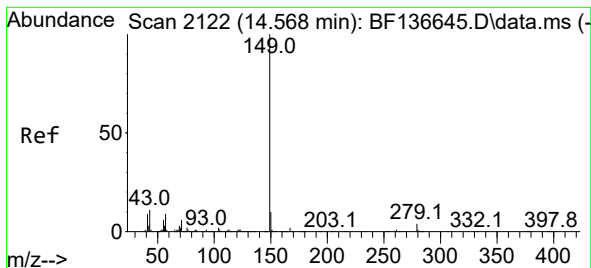
Ion Ratio Lower Upper

149 100

167 27.2 20.9 31.3

279 3.6 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 45.398 ng

RT: 14.563 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

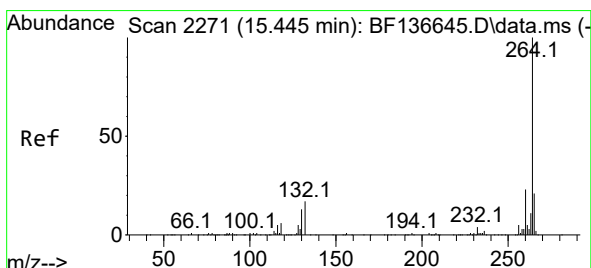
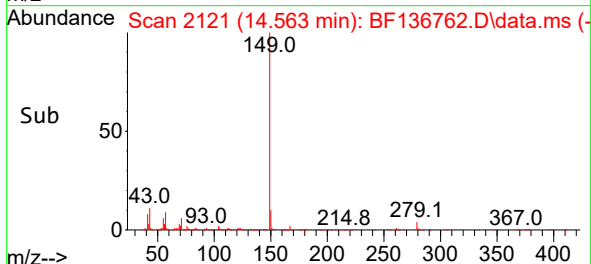
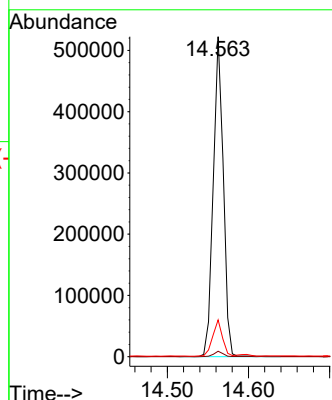
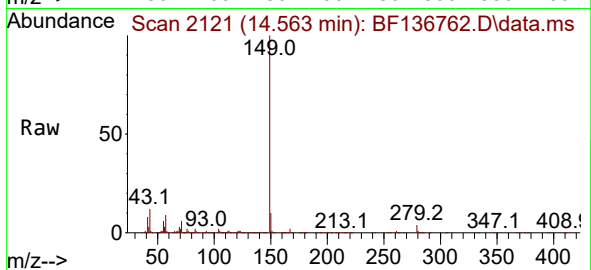
Tgt Ion:149 Resp: 448575

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.2 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

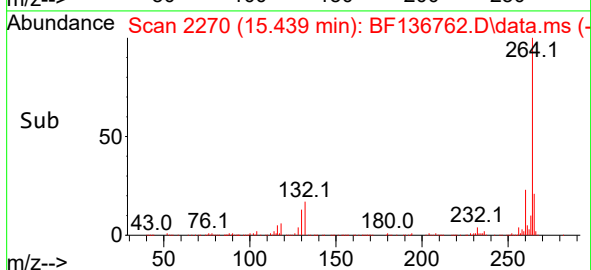
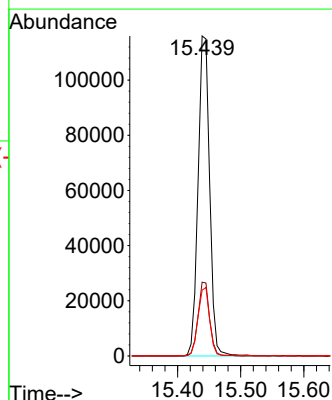
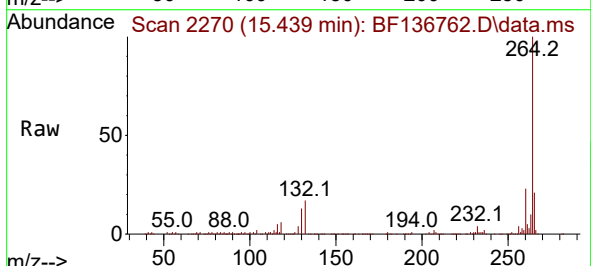
Tgt Ion:264 Resp: 147467

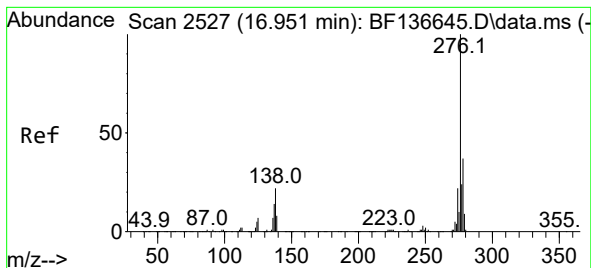
Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 20.5 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.123 ng

RT: 16.951 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

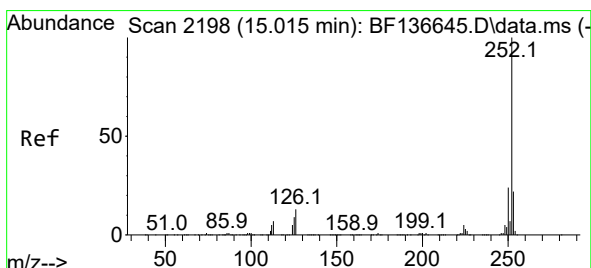
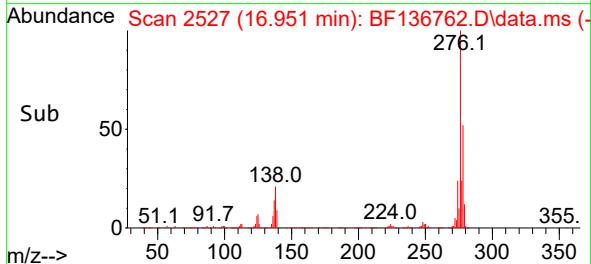
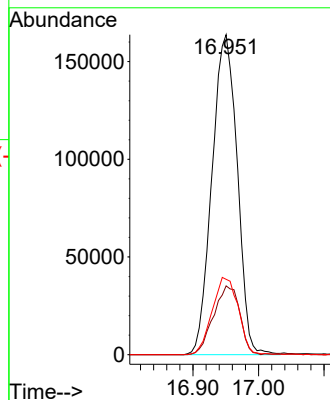
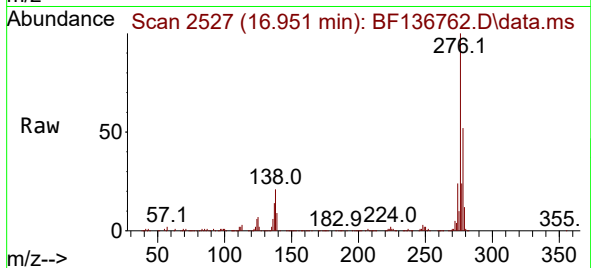
Tgt Ion:276 Resp: 437845

Ion Ratio Lower Upper

276 100

138 22.3 18.7 28.1

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 40.153 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

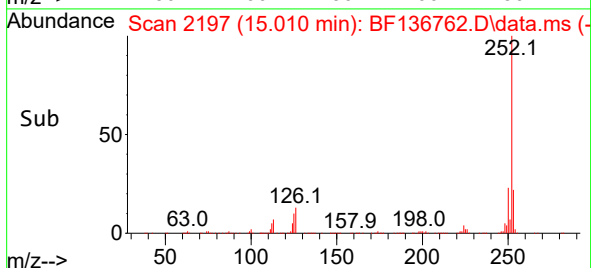
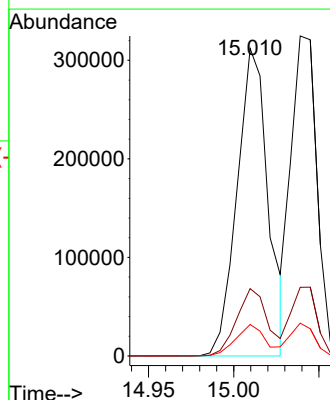
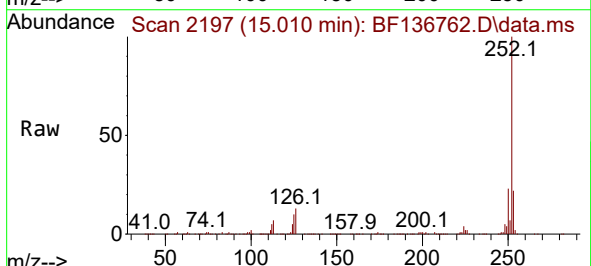
Tgt Ion:252 Resp: 395481

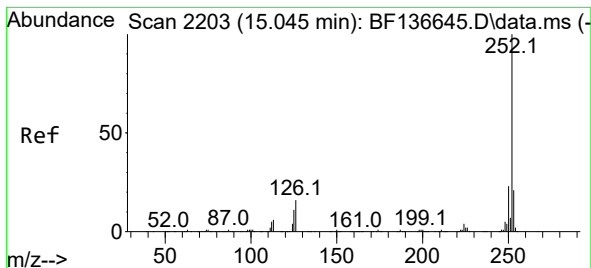
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 10.3 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 36.928 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

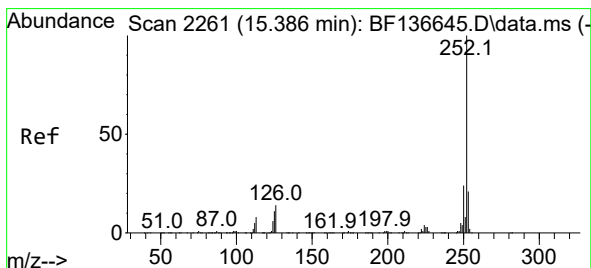
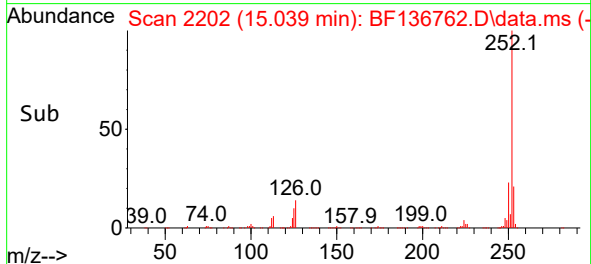
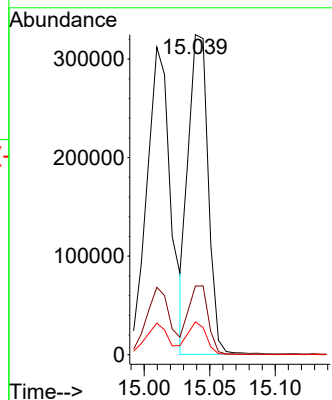
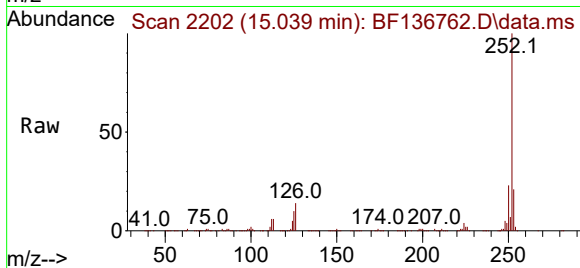
Tgt Ion:252 Resp: 343684

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 10.2 8.2 12.4



#90

Benzo(a)pyrene

Concen: 40.114 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.006 min

Lab File: BF136762.D

Acq: 27 Dec 2023 17:18

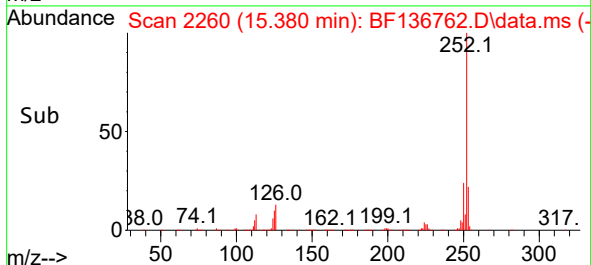
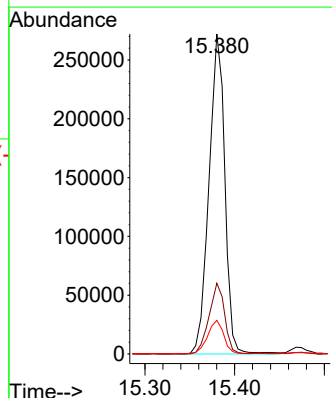
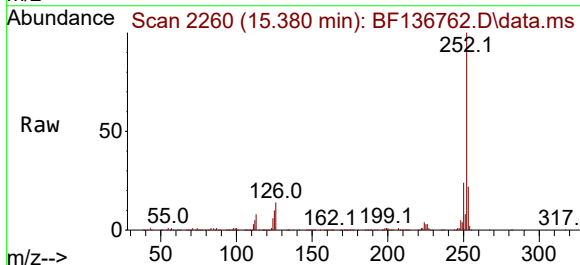
Tgt Ion:252 Resp: 333509

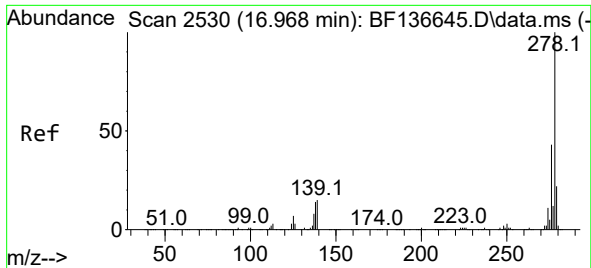
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 10.5 8.8 13.2

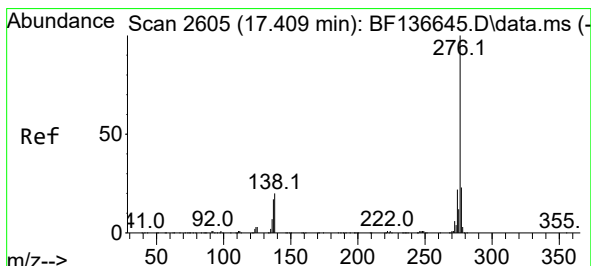
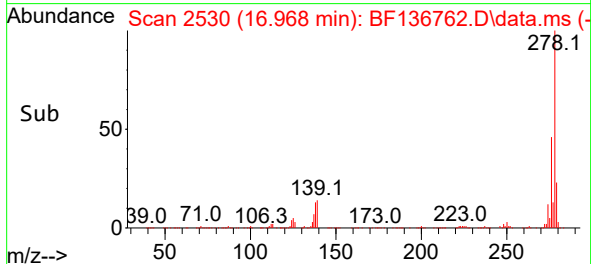
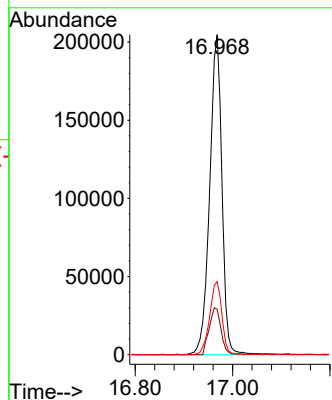
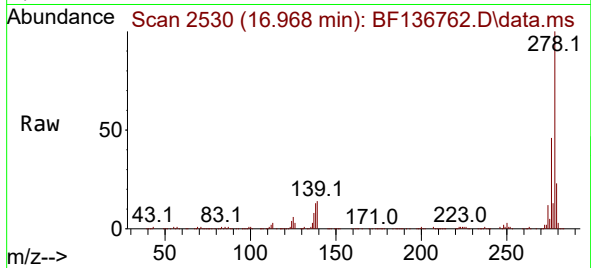




#91
Dibenzo(a,h)anthracene
Concen: 40.822 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 356580
Ion Ratio Lower Upper
278 100
139 14.2 12.2 18.4
279 22.8 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 41.095 ng
RT: 17.404 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF136762.D
Acq: 27 Dec 2023 17:18

Tgt Ion:276 Resp: 367659
Ion Ratio Lower Upper
276 100
277 23.4 18.3 27.5
138 19.1 15.6 23.4

